Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
Data File : PQ063154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2023 19:27
Operator : YP\AJ
Sample : PB155017BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 01:44:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound		RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds								
1)	SA	Tetrachlo...	3.454	2.783	101.9E6	86313065	18.962	20.928	
2)	SA	Decachlor...	8.688	7.590	85421760	92492659	22.062	21.384	
	Target Compounds								
3)	L1	AR-1016-1	4.566	3.794	86284932	74068215	443.456	464.768	
4)	L1	AR-1016-2	4.585	3.811	124.1E6	99748070	447.168	466.826	
5)	L1	AR-1016-3	4.644	3.972	76187376	57745847	445.531	482.999	
6)	L1	AR-1016-4	4.737	4.021	64418555	46006297	457.748	474.163	
7)	L1	AR-1016-5	5.026	4.217	63519710	59044100	461.647	469.201	
8)	L2	AR-1221-1	3.652	2.986	8367491	7187742	122.968	130.991	
9)	L2	AR-1221-2	3.736	3.064	10208086	8552405	213.956	226.741	
10)	L2	AR-1221-3	3.806	3.133	44248279	36780588	286.713	305.679	
11)	L3	AR-1232-1	3.806	3.133	44248279	36780588	342.476	377.487	
12)	L3	AR-1232-2	4.305	3.811	62725469	99748070	899.366	1025.446	
13)	L3	AR-1232-3	4.585	3.972	124.1E6	57745847	1015.443	1087.550	
14)	L3	AR-1232-4	4.737	4.058	64418555	52301549	1067.611	1139.513	
15)	L3	AR-1232-5	4.835	4.217	51002124	59044100	1168.528	1088.919	
16)	L4	AR-1242-1	4.566	3.794	86284932	74068215	511.234	512.874	
17)	L4	AR-1242-2	4.585	3.811	124.1E6	99748070	514.506	525.050	
18)	L4	AR-1242-3	4.644	3.972	76187376	57745847	520.116	535.035	
19)	L4	AR-1242-4	4.737	4.058	64418555	52301549	520.604	524.963	
20)	L4	AR-1242-5	5.459	4.557	9657601	48268311	73.076	357.000	#
21)	L5	AR-1248-1	4.566	3.794	86284932	74068215	648.027	663.050	
22)	L5	AR-1248-2	4.835	4.021	51002124	46006297	291.853	291.334	
23)	L5	AR-1248-3	5.026	4.058	63519710	52301549	300.369	342.962	
24)	L5	AR-1248-4	5.423	4.217	11464063	59044100	48.116	310.494	#
25)	L5	AR-1248-5	5.459	4.596	9657601	7921534	41.559	40.957	
26)	L6	AR-1254-1	5.396	4.557	49709863	48268311	226.980	179.896	
27)	L6	AR-1254-2	5.615	4.704	56381305	47144958	166.490	200.861	
28)	L6	AR-1254-3	5.971	5.090	31266613	27472773	87.211	72.647	
29)	L6	AR-1254-4	6.255	5.317	22937100	11437404	84.658	46.817	#
30)	L6	AR-1254-5	6.671	5.725	169.3E6	193.8E6	612.543	561.597	
31)	L7	AR-1260-1	6.137	5.220	121.9E6	121.6E6	477.020	487.178	
32)	L7	AR-1260-2	6.398	5.410	145.0E6	149.7E6	477.626	485.947	
33)	L7	AR-1260-3	6.754	5.553	86802609	143.8E6	411.772	463.916	
34)	L7	AR-1260-4	6.972	6.018	105.6E6	109.2E6	440.574	445.438	
35)	L7	AR-1260-5	7.284	6.265	212.5E6	245.1E6	452.904	448.481	
36)	L8	AR-1262-1	6.754	5.820	86802609	57154754	268.784	400.286	#
37)	L8	AR-1262-2	7.284	6.018	212.5E6	109.2E6	391.543	349.532	
38)	L8	AR-1262-3	7.565	6.545	138.0E6	49827088	382.161	197.657	#
39)	L8	AR-1262-4	7.636	6.602	78341399	185.2E6	279.502	396.072	#
40)	L8	AR-1262-5	8.144	7.102	50335491	58596106	267.804	266.672	
41)	L9	AR-1268-1	7.565	6.545	138.0E6	49827088	213.451	66.767	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
Data File : PQ063154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2023 19:27
Operator : YP\AJ
Sample : PB155017BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 01:44:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.636	6.602	78341399	185.2E6	130.639	269.673 #
43) L9	AR-1268-3	7.820	6.810	4164778	4803548	8.459	8.184
44) L9	AR-1268-4	8.144	7.102	50335491	58596106	234.624	230.116
45) L9	AR-1268-5	8.447	7.372	16296459	18263026	10.574	10.309

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

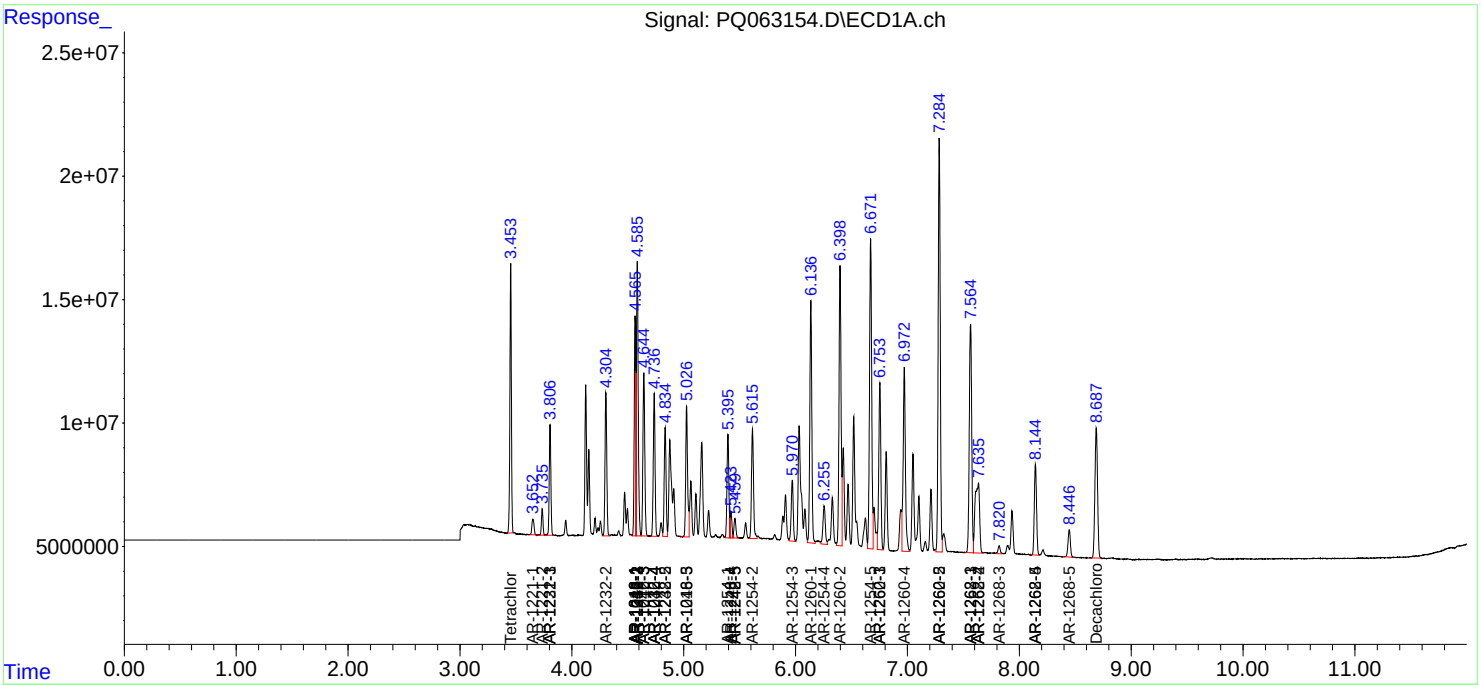
Quantitation Report (Not Reviewed)

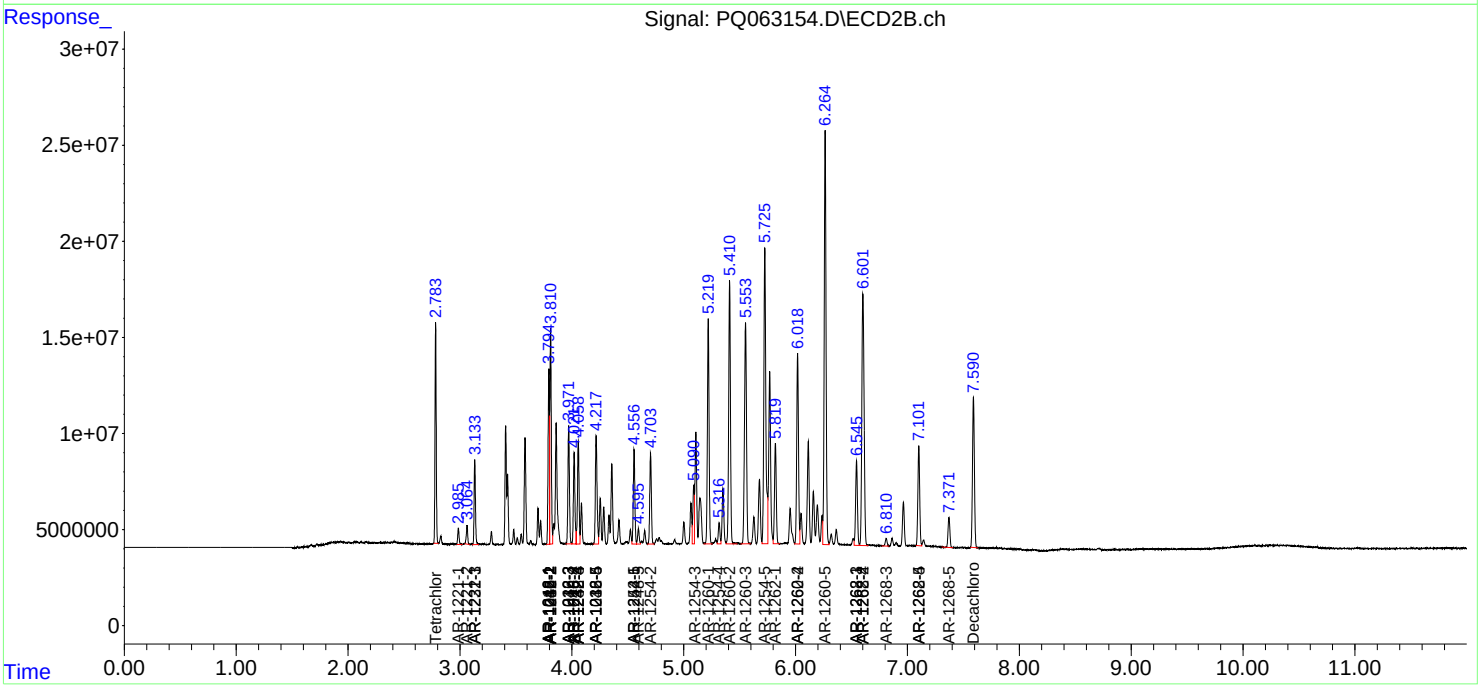
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
Data File : PQ063154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2023 19:27
Operator : YP\AJ
Sample : PB155017BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

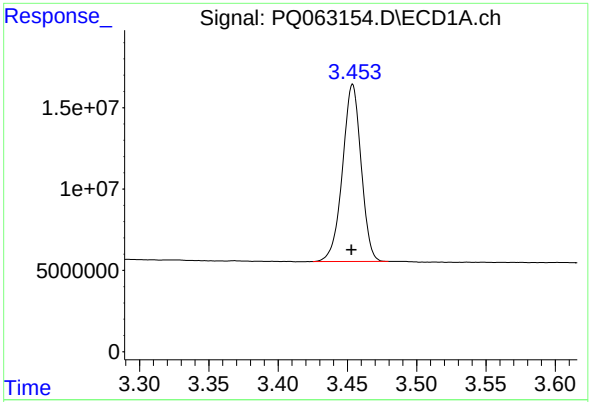
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 01:44:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



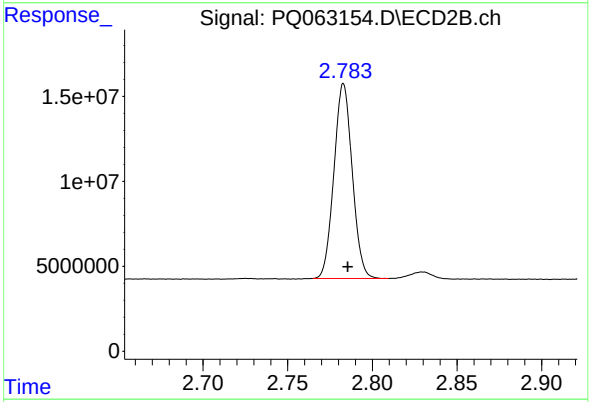




#1 Tetrachloro-m-xylene

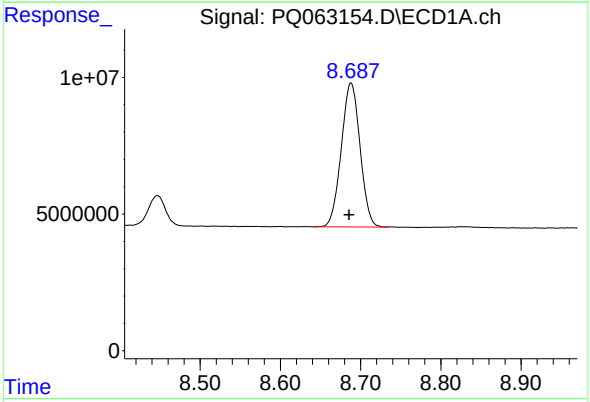
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 101892543
Conc: 18.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



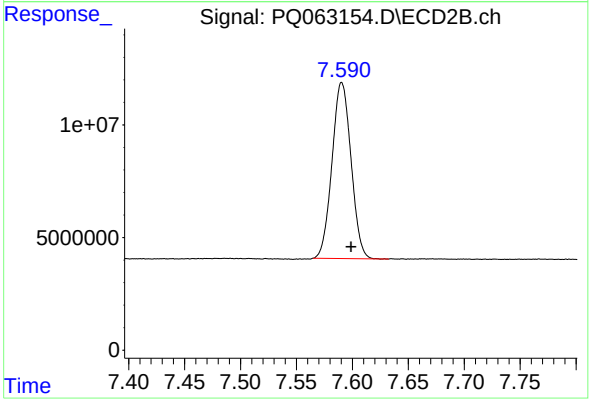
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 86313065
Conc: 20.93 ng/ml



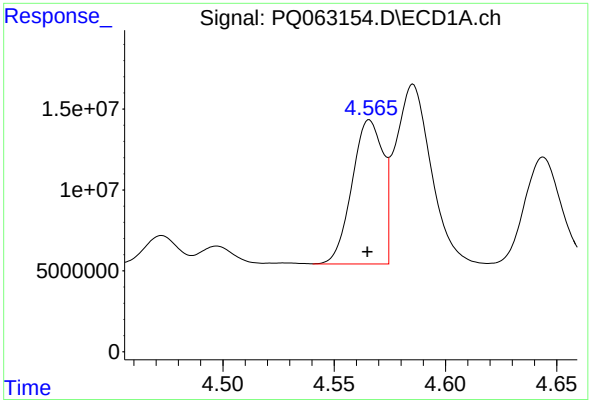
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 85421760
Conc: 22.06 ng/ml



#2 Decachlorobiphenyl

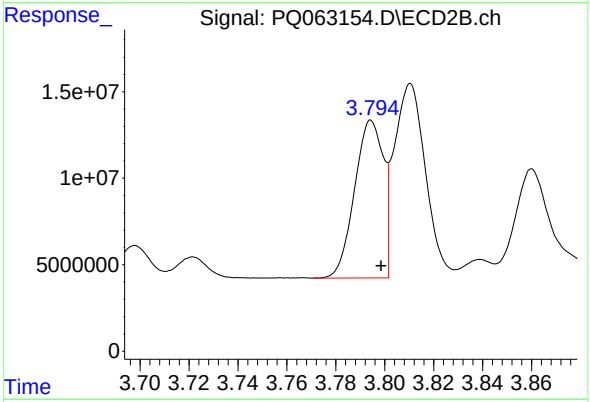
R.T.: 7.590 min
Delta R.T.: -0.008 min
Response: 92492659
Conc: 21.38 ng/ml



#3 AR-1016-1

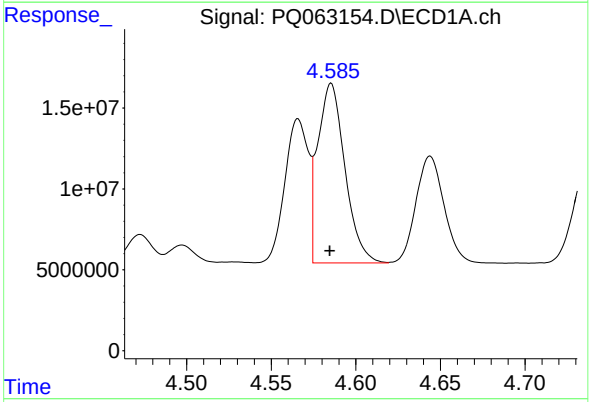
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 86284932
Conc: 443.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



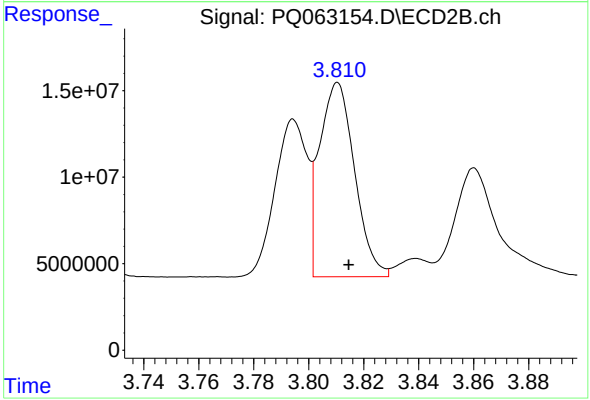
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 74068215
Conc: 464.77 ng/ml



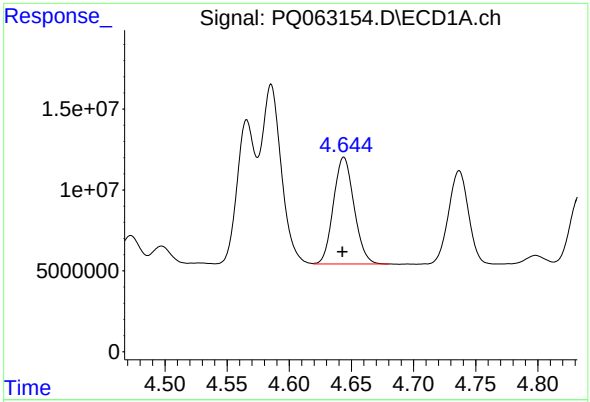
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 124078684
Conc: 447.17 ng/ml



#4 AR-1016-2

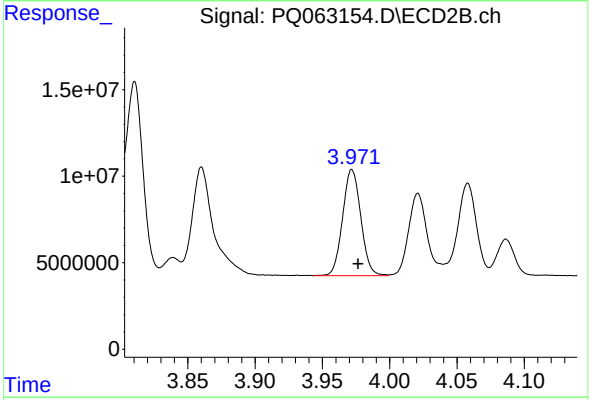
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 99748070
Conc: 466.83 ng/ml



#5 AR-1016-3

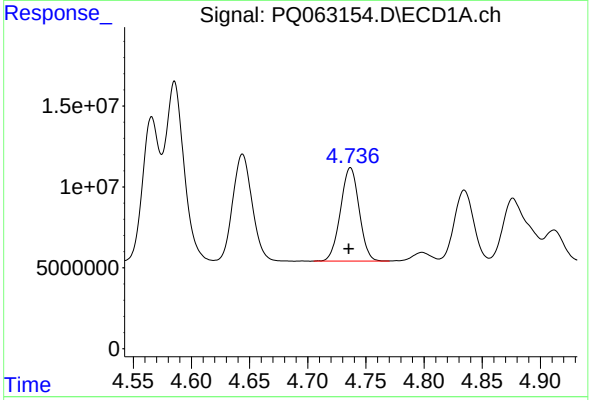
R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 76187376
Conc: 445.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



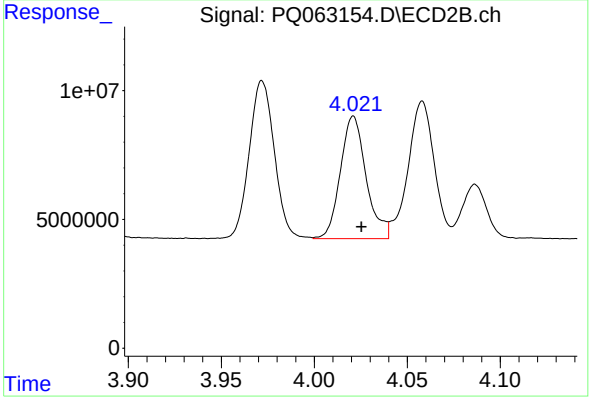
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 57745847
Conc: 483.00 ng/ml



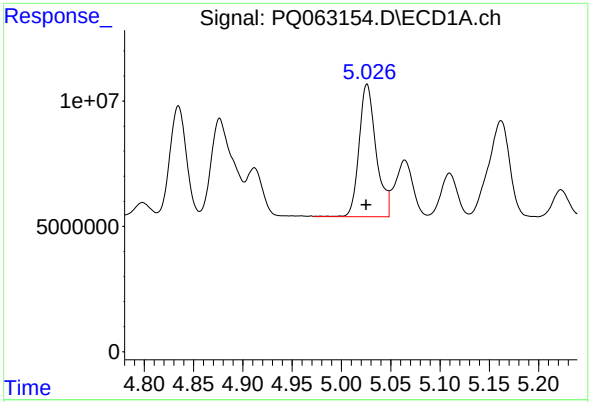
#6 AR-1016-4

R.T.: 4.737 min
Delta R.T.: 0.001 min
Response: 64418555
Conc: 457.75 ng/ml



#6 AR-1016-4

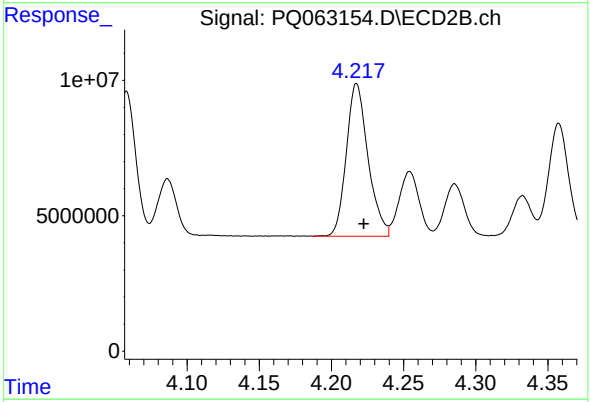
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 46006297
Conc: 474.16 ng/ml



#7 AR-1016-5

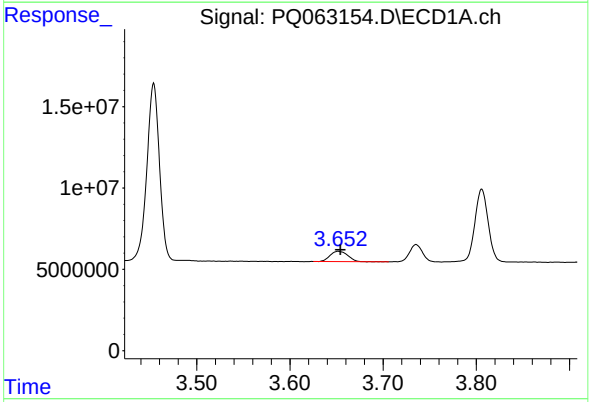
R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 63519710
Conc: 461.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



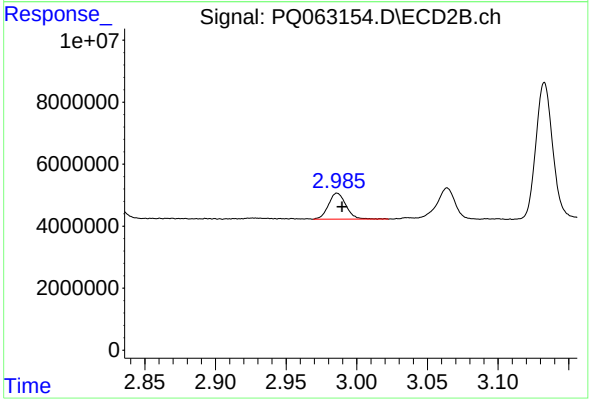
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 59044100
Conc: 469.20 ng/ml



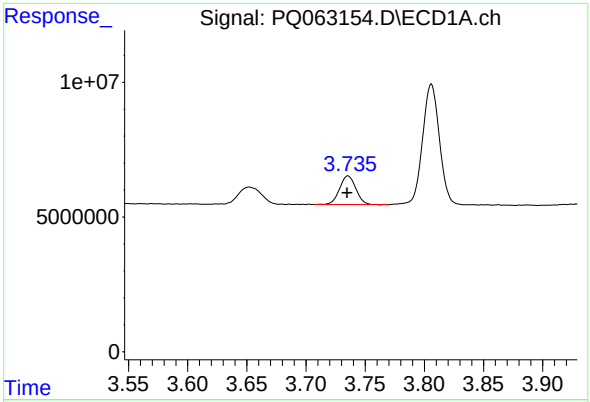
#8 AR-1221-1

R.T.: 3.652 min
Delta R.T.: -0.002 min
Response: 8367491
Conc: 122.97 ng/ml



#8 AR-1221-1

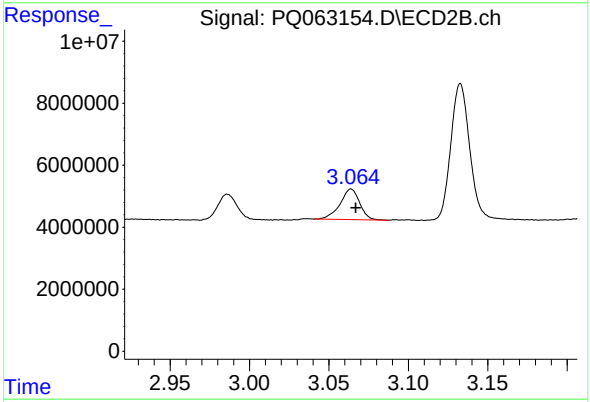
R.T.: 2.986 min
Delta R.T.: -0.003 min
Response: 7187742
Conc: 130.99 ng/ml



#9 AR-1221-2

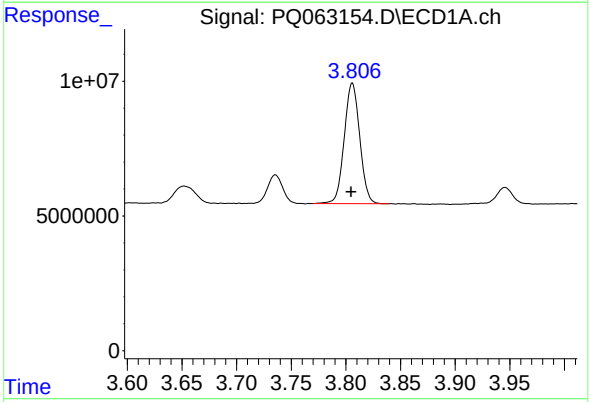
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 10208086
Conc: 213.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



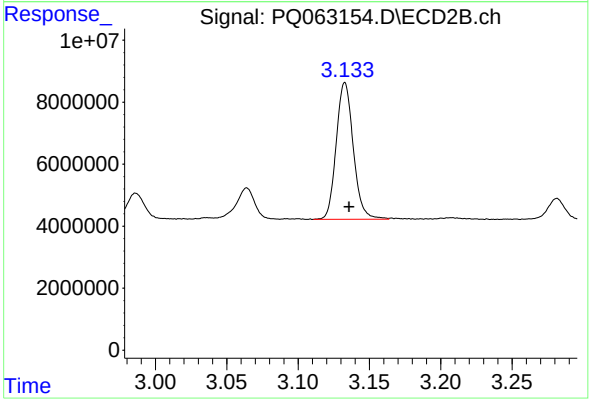
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 8552405
Conc: 226.74 ng/ml



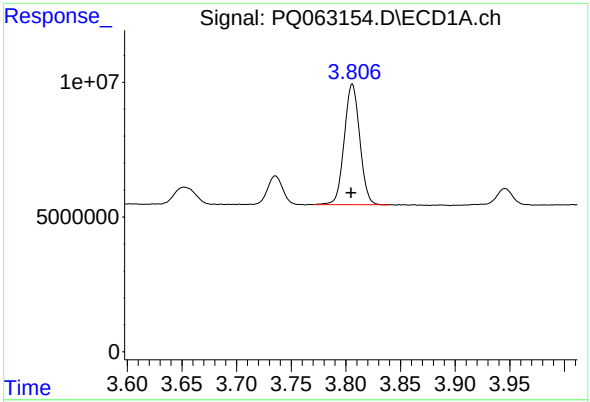
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.001 min
Response: 44248279
Conc: 286.71 ng/ml



#10 AR-1221-3

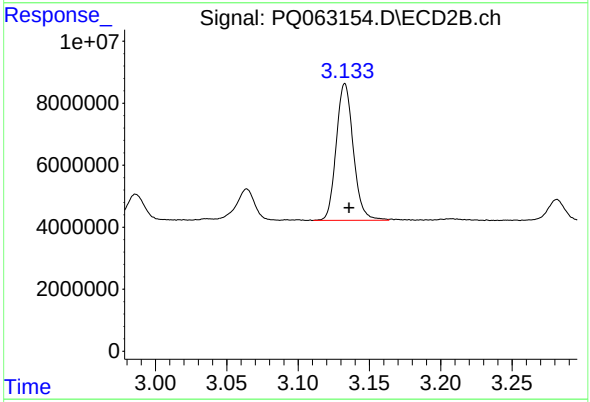
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 36780588
Conc: 305.68 ng/ml



#11 AR-1232-1

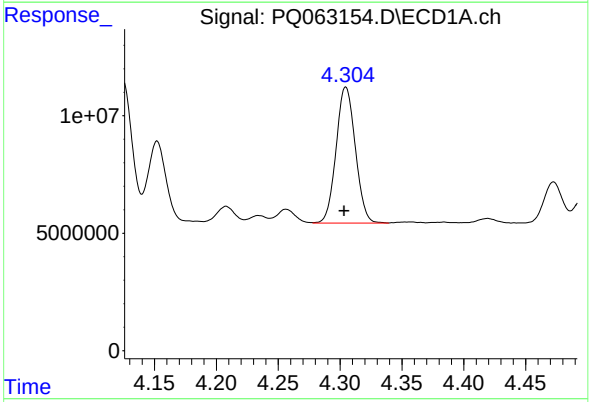
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 44248279
Conc: 342.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



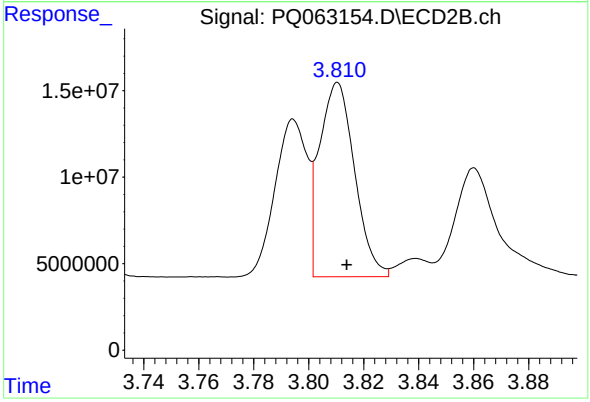
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 36780588
Conc: 377.49 ng/ml



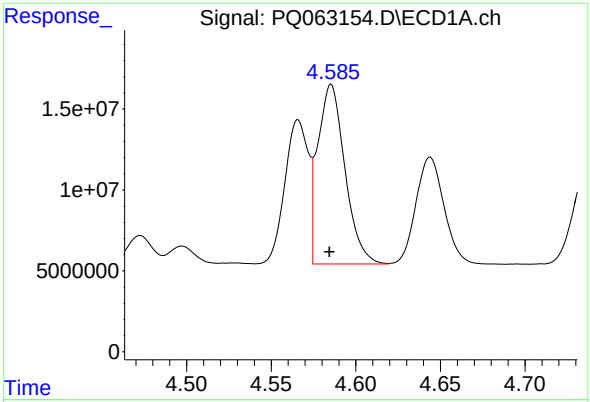
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 62725469
Conc: 899.37 ng/ml



#12 AR-1232-2

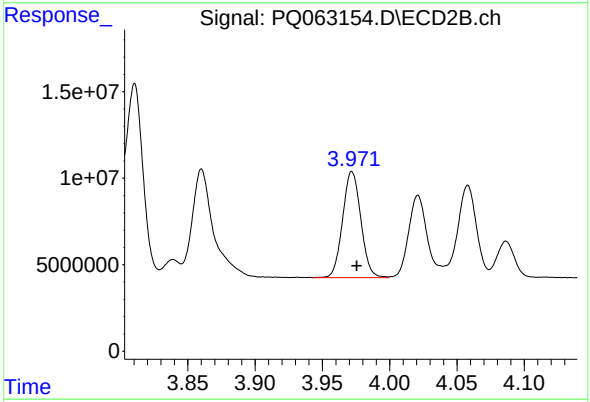
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 99748070
Conc: 1025.45 ng/ml



#13 AR-1232-3

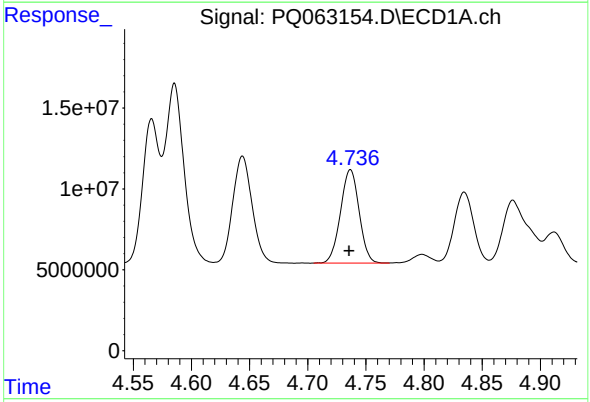
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 124078684
Conc: 1015.44 ng/m

Instrument :
ECD_Q
ClientSampleId :



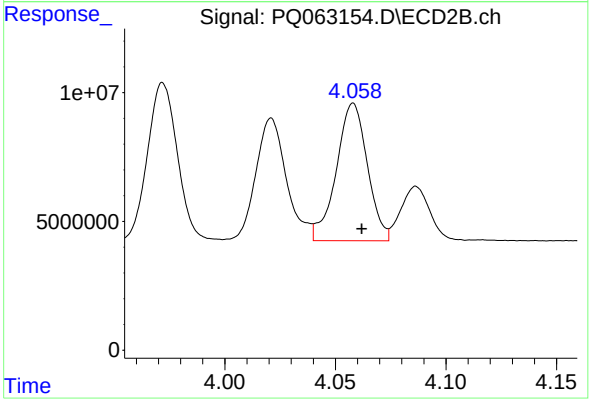
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 57745847
Conc: 1087.55 ng/ml



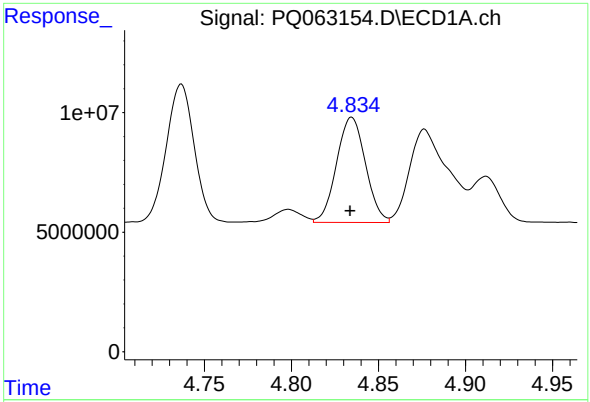
#14 AR-1232-4

R.T.: 4.737 min
Delta R.T.: 0.001 min
Response: 64418555
Conc: 1067.61 ng/ml



#14 AR-1232-4

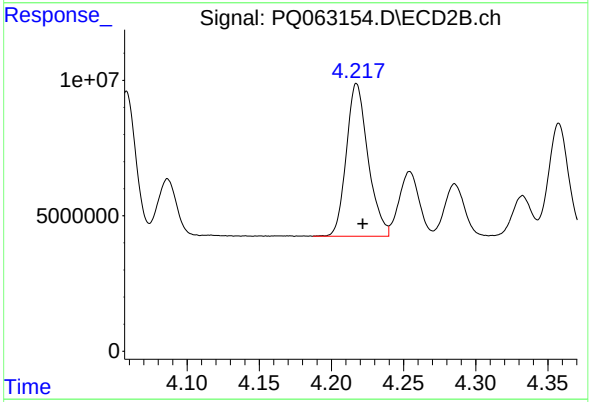
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 52301549
Conc: 1139.51 ng/ml



#15 AR-1232-5

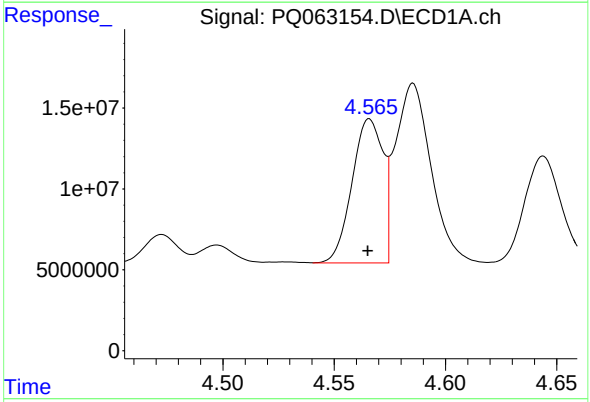
R.T.: 4.835 min
Delta R.T.: 0.001 min
Response: 51002124
Conc: 1168.53 ng/m

Instrument :
ECD_Q
ClientSampleId :



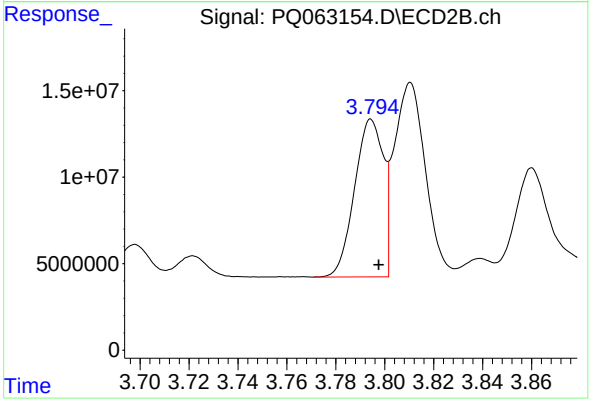
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 59044100
Conc: 1088.92 ng/ml



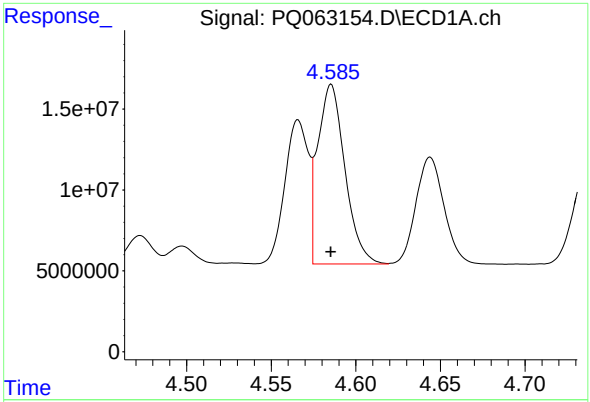
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 86284932
Conc: 511.23 ng/ml



#16 AR-1242-1

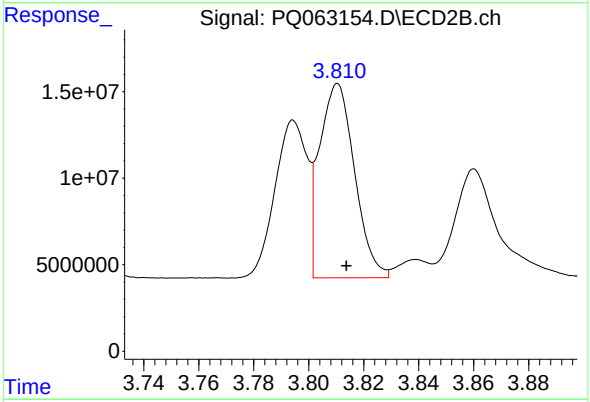
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 74068215
Conc: 512.87 ng/ml



#17 AR-1242-2

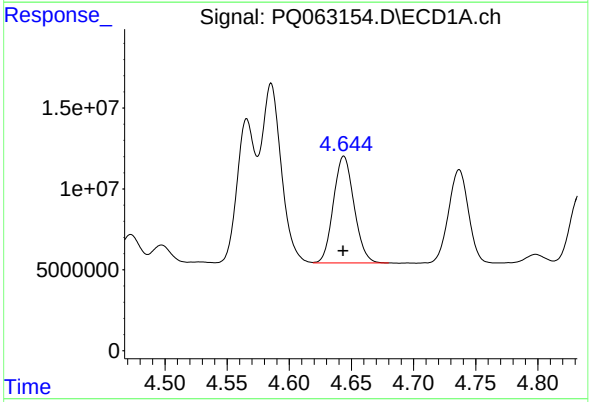
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 124078684
Conc: 514.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



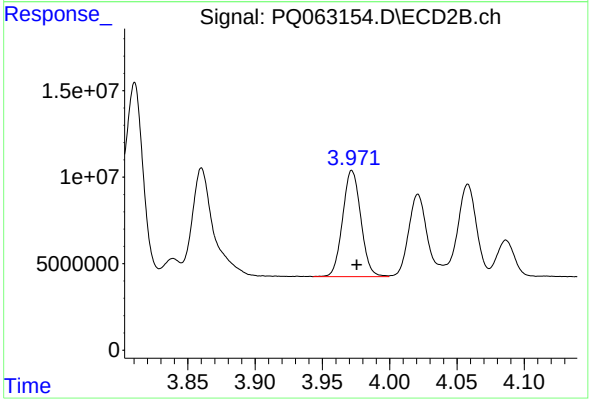
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 99748070
Conc: 525.05 ng/ml



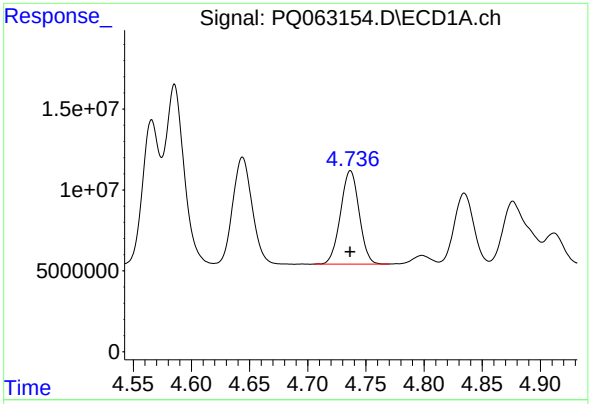
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 76187376
Conc: 520.12 ng/ml



#18 AR-1242-3

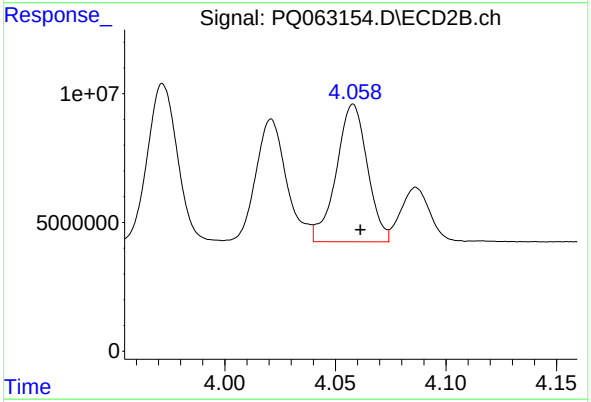
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 57745847
Conc: 535.03 ng/ml



#19 AR-1242-4

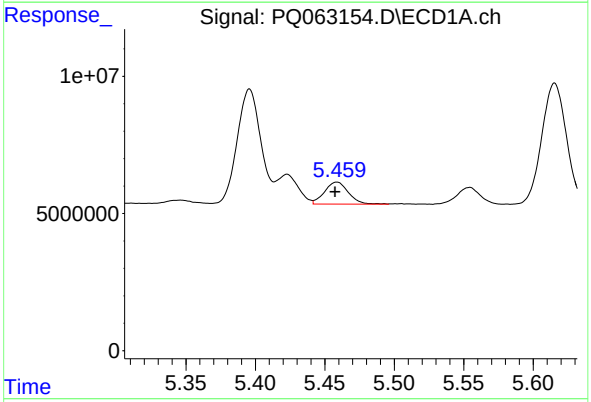
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 64418555
Conc: 520.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



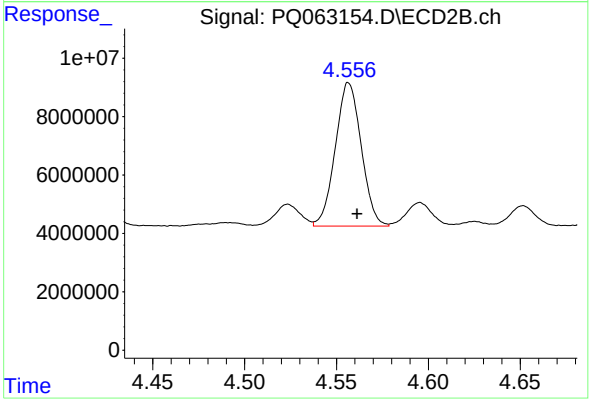
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 52301549
Conc: 524.96 ng/ml



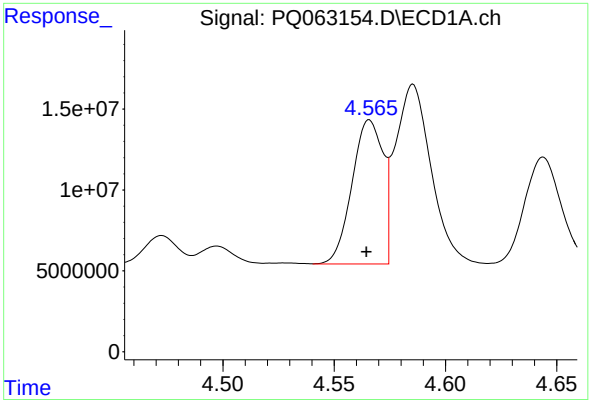
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: 0.001 min
Response: 9657601
Conc: 73.08 ng/ml



#20 AR-1242-5

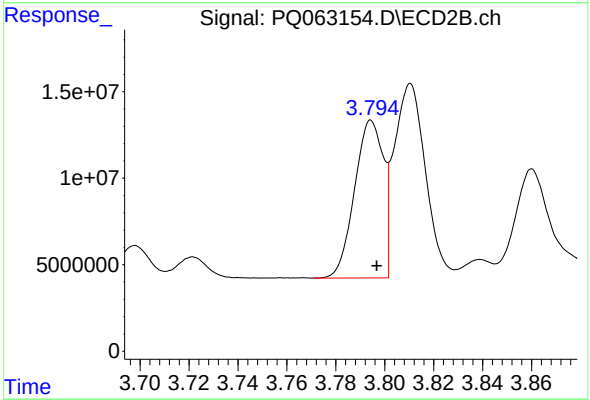
R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 48268311
Conc: 357.00 ng/ml



#21 AR-1248-1

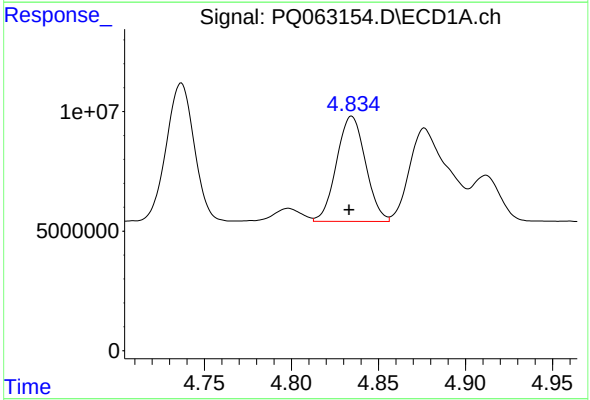
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 86284932
Conc: 648.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



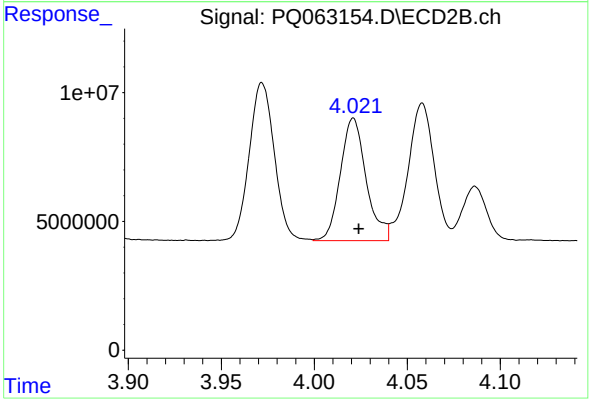
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.002 min
Response: 74068215
Conc: 663.05 ng/ml



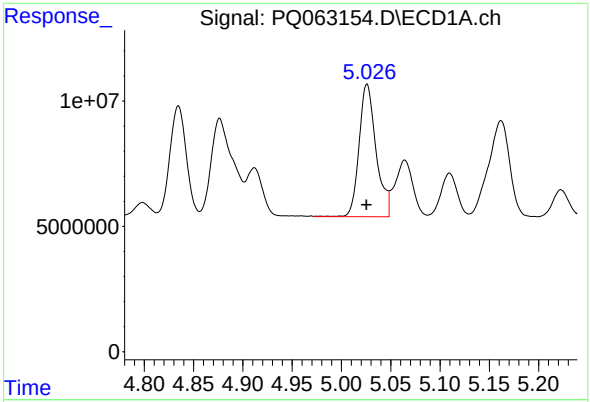
#22 AR-1248-2

R.T.: 4.835 min
Delta R.T.: 0.002 min
Response: 51002124
Conc: 291.85 ng/ml



#22 AR-1248-2

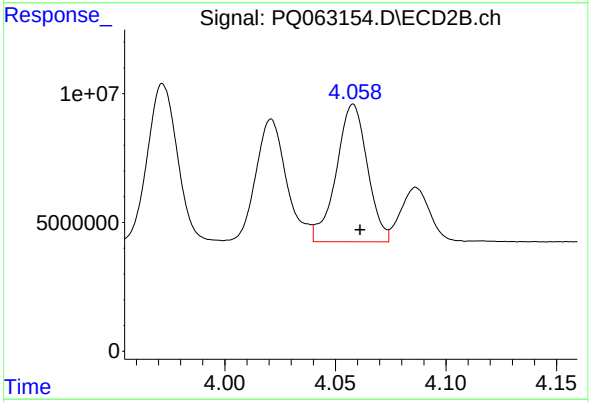
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 46006297
Conc: 291.33 ng/ml



#23 AR-1248-3

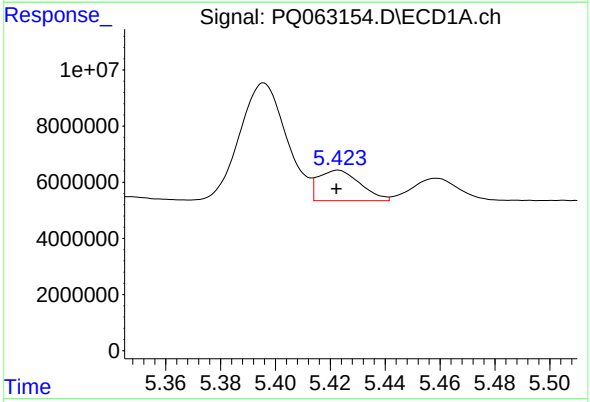
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 63519710
Conc: 300.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



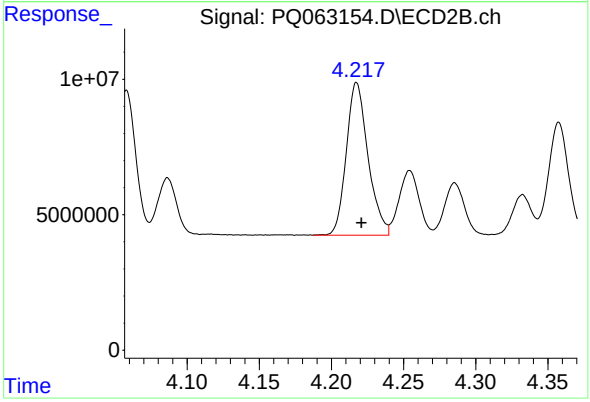
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 52301549
Conc: 342.96 ng/ml



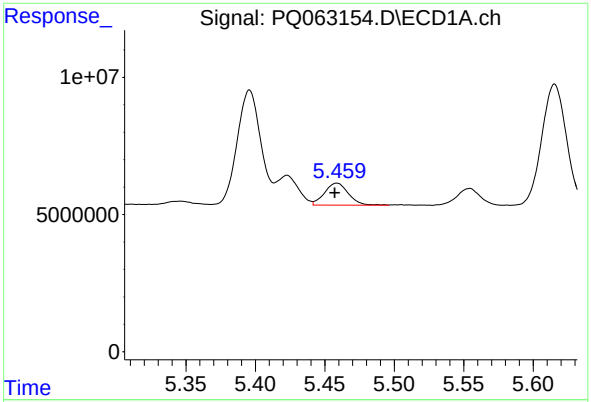
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 11464063
Conc: 48.12 ng/ml



#24 AR-1248-4

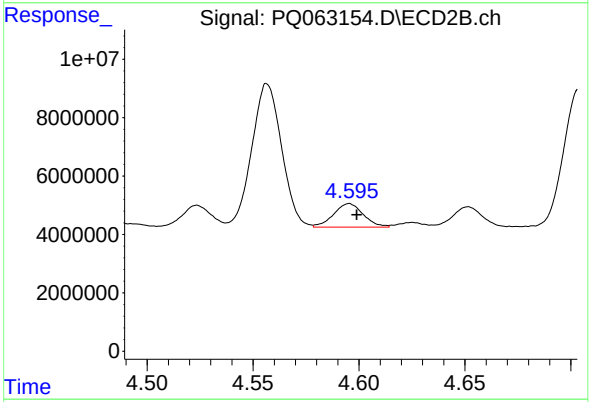
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 59044100
Conc: 310.49 ng/ml



#25 AR-1248-5

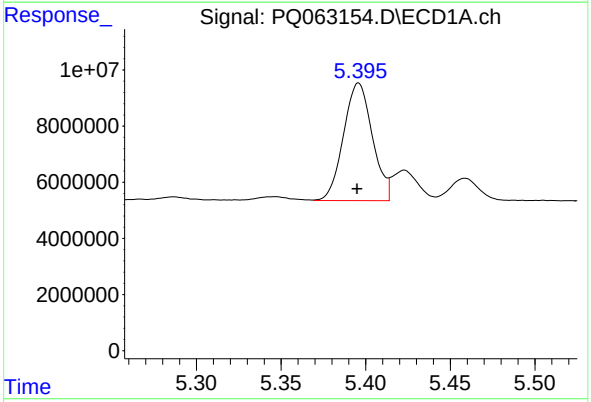
R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 9657601
Conc: 41.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



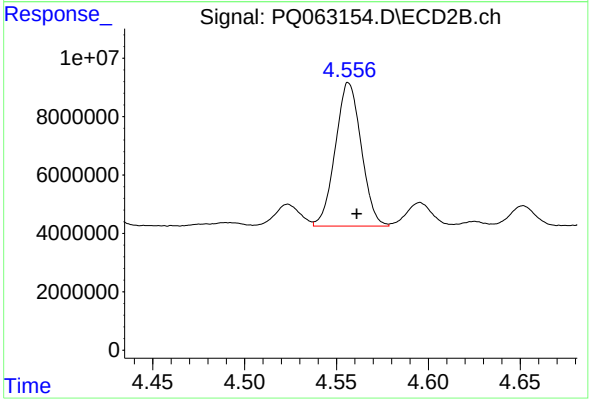
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 7921534
Conc: 40.96 ng/ml



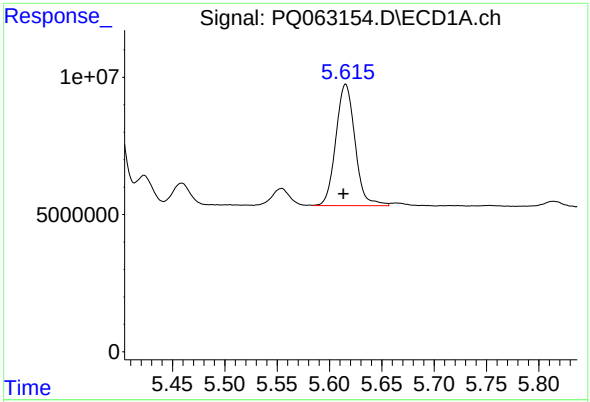
#26 AR-1254-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 49709863
Conc: 226.98 ng/ml



#26 AR-1254-1

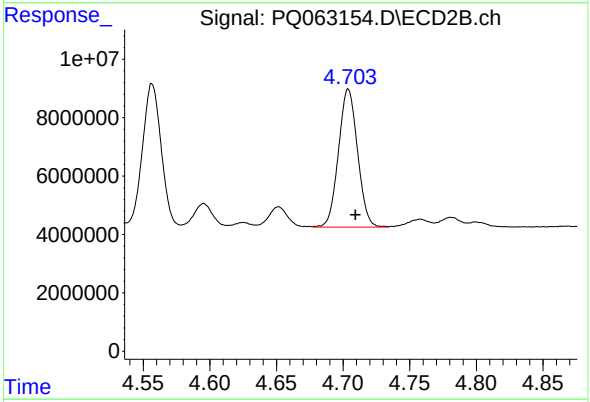
R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 48268311
Conc: 179.90 ng/ml



#27 AR-1254-2

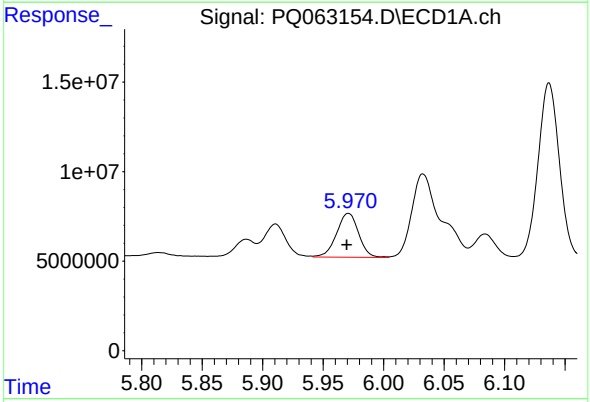
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 56381305
Conc: 166.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



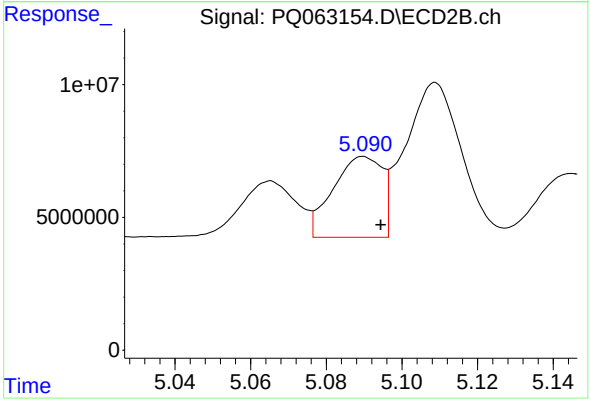
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 47144958
Conc: 200.86 ng/ml



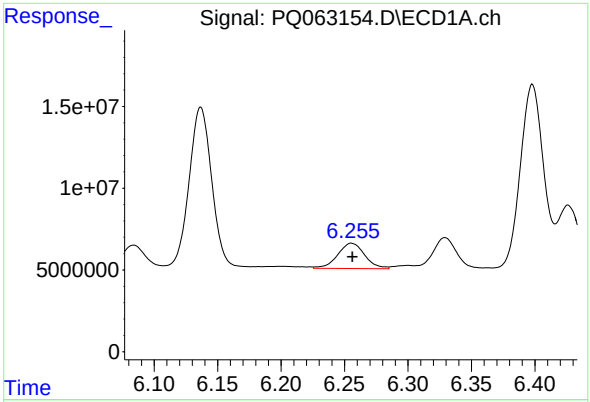
#28 AR-1254-3

R.T.: 5.971 min
Delta R.T.: 0.001 min
Response: 31266613
Conc: 87.21 ng/ml



#28 AR-1254-3

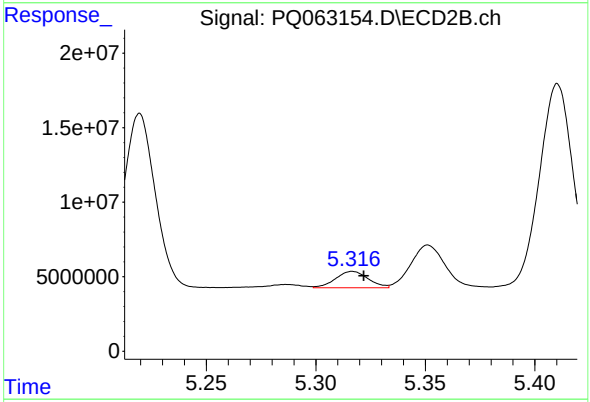
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 27472773
Conc: 72.65 ng/ml



#29 AR-1254-4

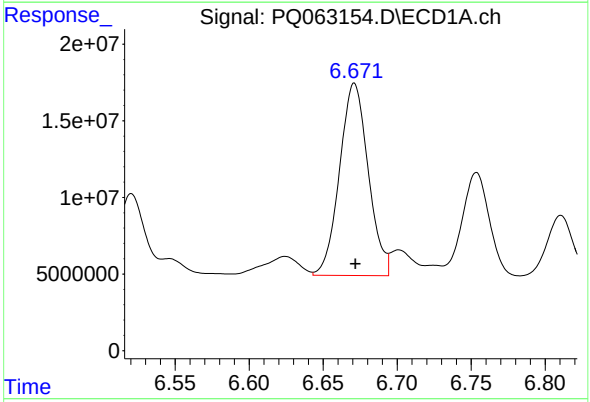
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 22937100
Conc: 84.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



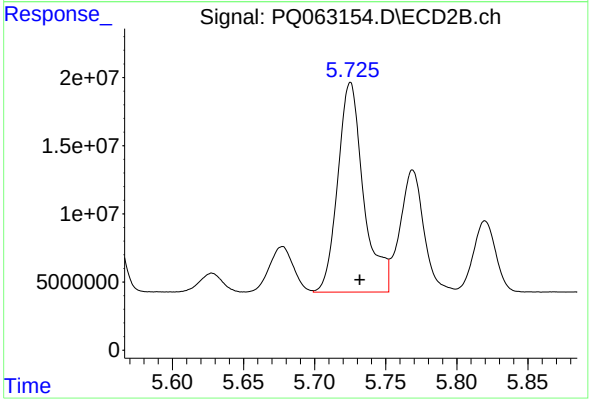
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 11437404
Conc: 46.82 ng/ml



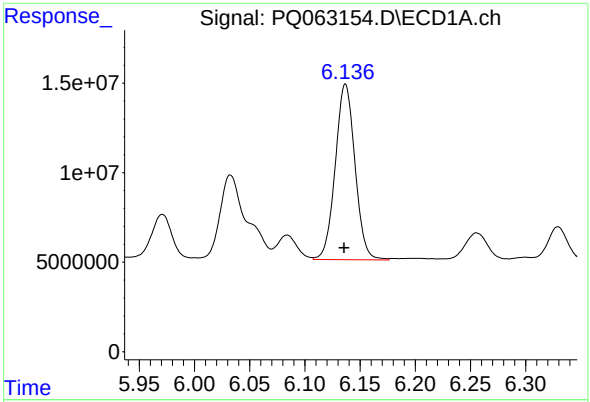
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 169326289
Conc: 612.54 ng/ml



#30 AR-1254-5

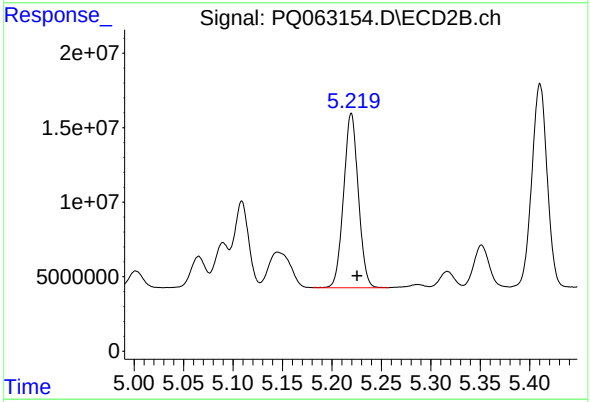
R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 193826307
Conc: 561.60 ng/ml



#31 AR-1260-1

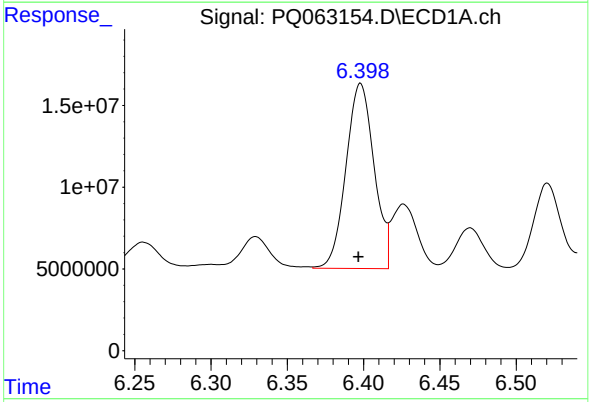
R.T.: 6.137 min
Delta R.T.: 0.001 min
Response: 121943885
Conc: 477.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



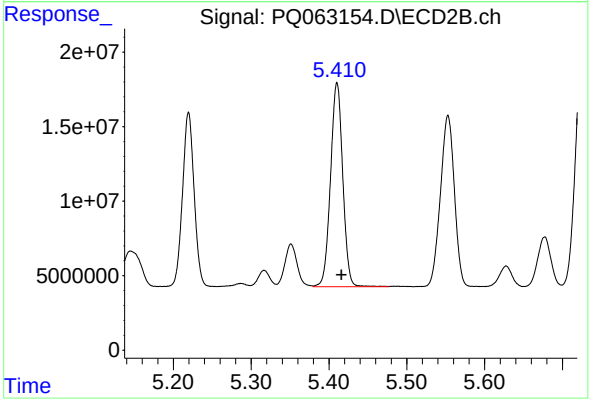
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 121588652
Conc: 487.18 ng/ml



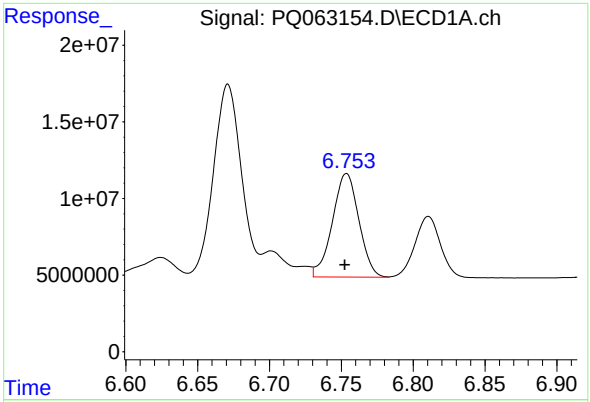
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: 0.001 min
Response: 144965390
Conc: 477.63 ng/ml



#32 AR-1260-2

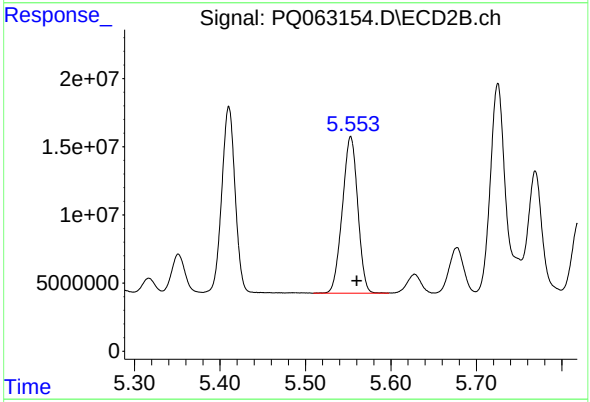
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 149659887
Conc: 485.95 ng/ml



#33 AR-1260-3

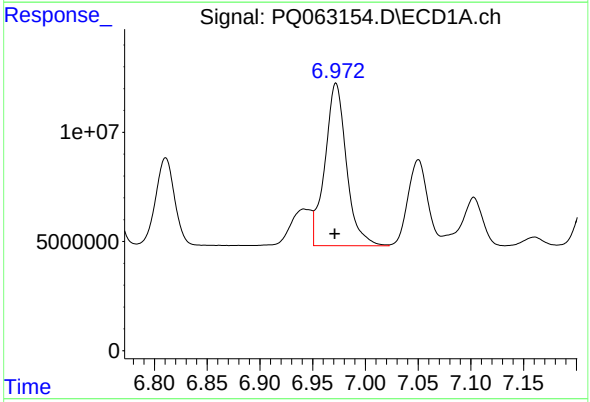
R.T.: 6.754 min
Delta R.T.: 0.001 min
Response: 86802609
Conc: 411.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



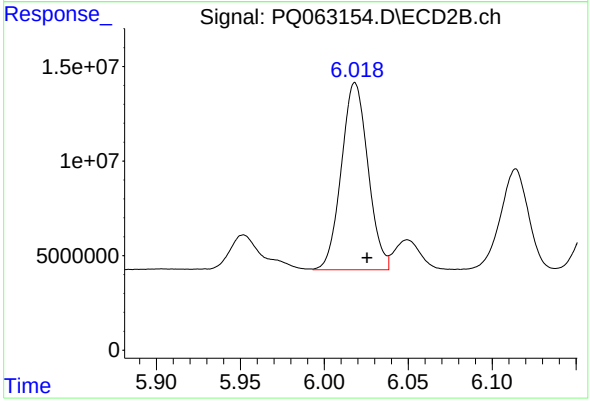
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 143753394
Conc: 463.92 ng/ml



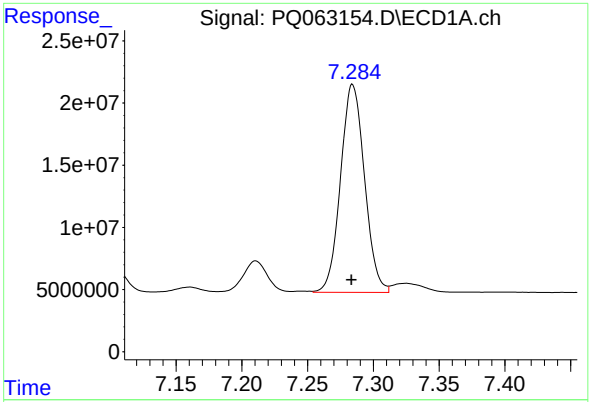
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: 0.001 min
Response: 105585987
Conc: 440.57 ng/ml



#34 AR-1260-4

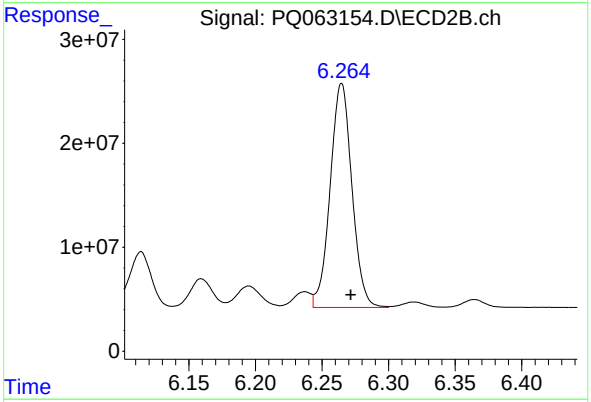
R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 109227835
Conc: 445.44 ng/ml



#35 AR-1260-5

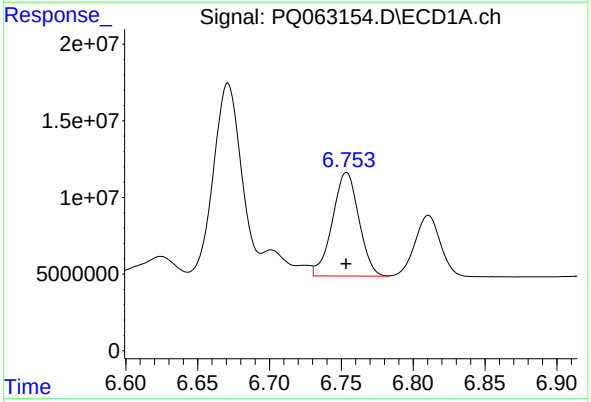
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 212481407
Conc: 452.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



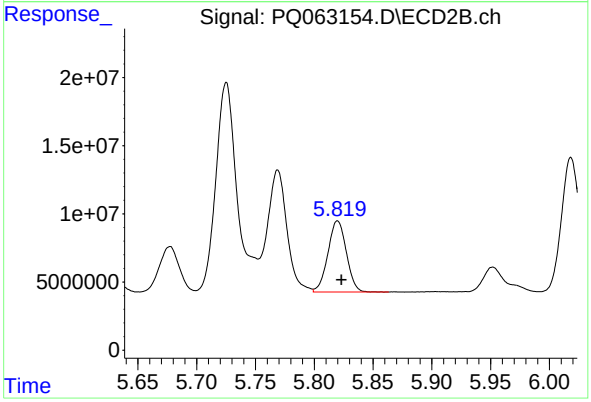
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 245104752
Conc: 448.48 ng/ml



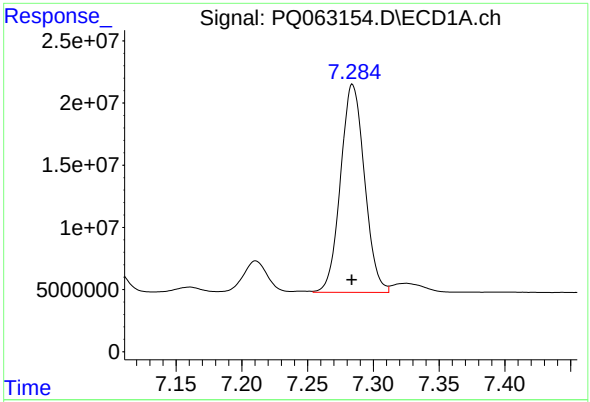
#36 AR-1262-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 86802609
Conc: 268.78 ng/ml



#36 AR-1262-1

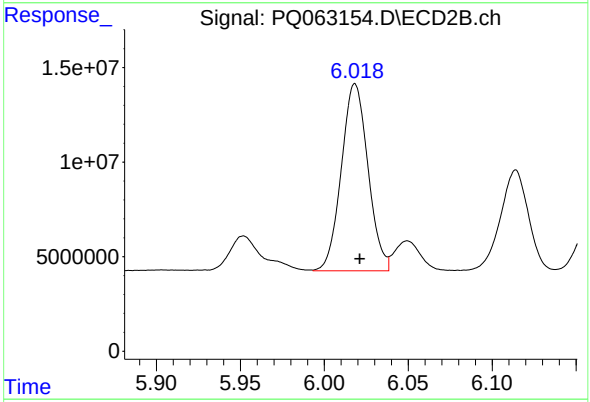
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 57154754
Conc: 400.29 ng/ml



#37 AR-1262-2

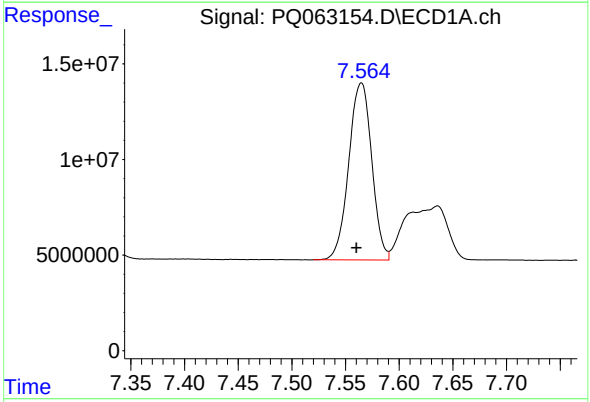
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 212481407
Conc: 391.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



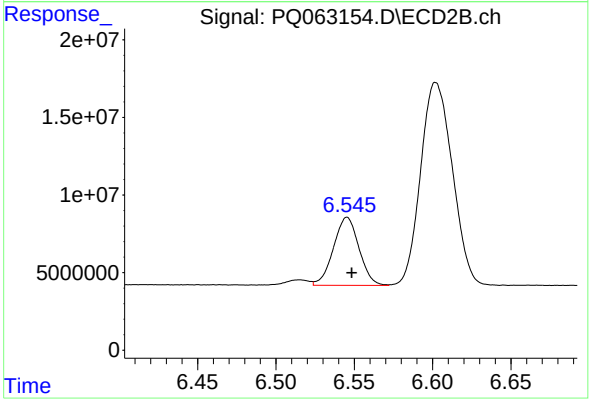
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 109227835
Conc: 349.53 ng/ml



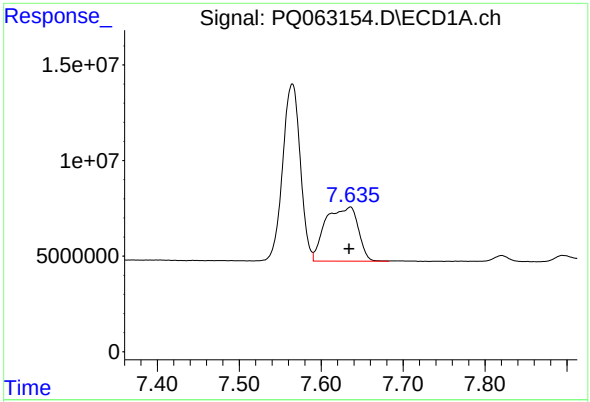
#38 AR-1262-3

R.T.: 7.565 min
Delta R.T.: 0.005 min
Response: 138042018
Conc: 382.16 ng/ml



#38 AR-1262-3

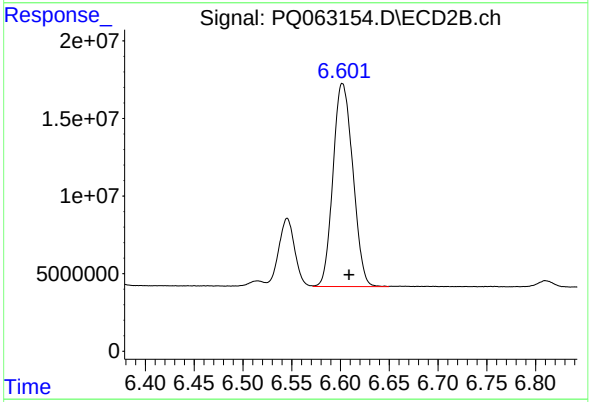
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 49827088
Conc: 197.66 ng/ml



#39 AR-1262-4

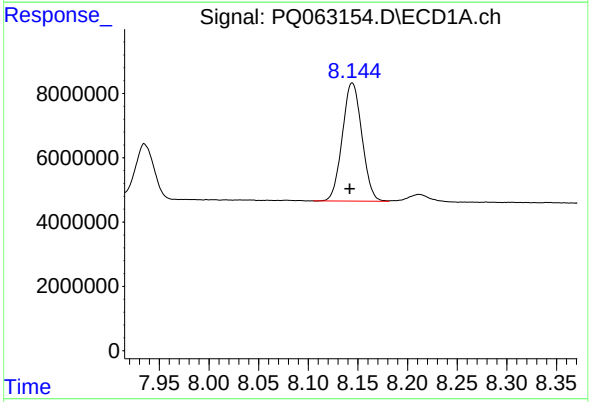
R.T.: 7.636 min
Delta R.T.: 0.002 min
Response: 78341399
Conc: 279.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



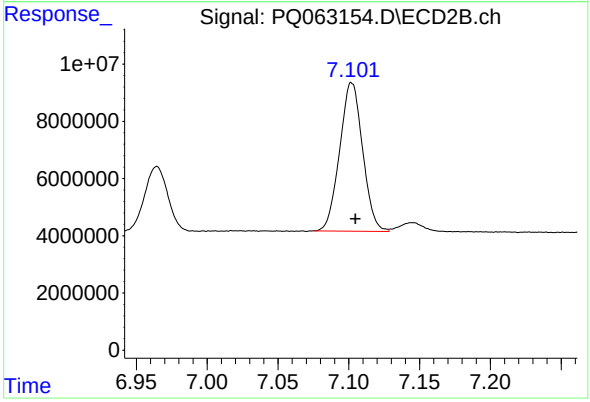
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 185167172
Conc: 396.07 ng/ml



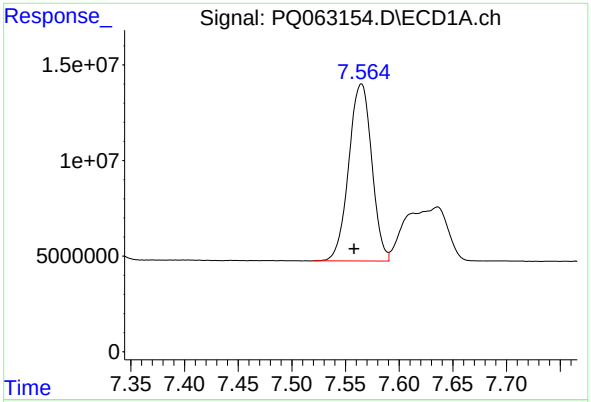
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 50335491
Conc: 267.80 ng/ml



#40 AR-1262-5

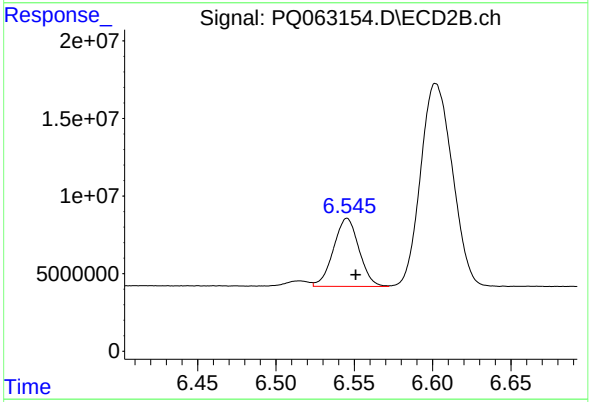
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 58596106
Conc: 266.67 ng/ml



#41 AR-1268-1

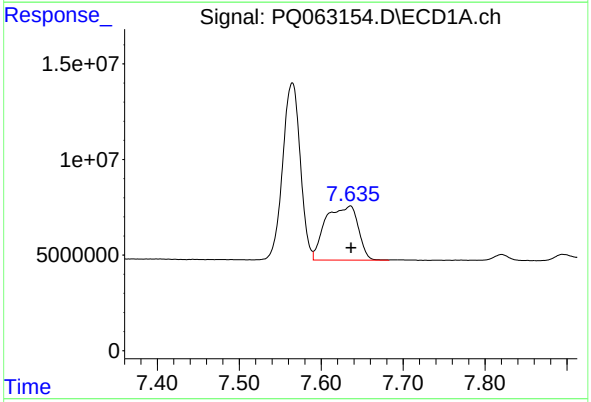
R.T.: 7.565 min
Delta R.T.: 0.007 min
Response: 138042018
Conc: 213.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



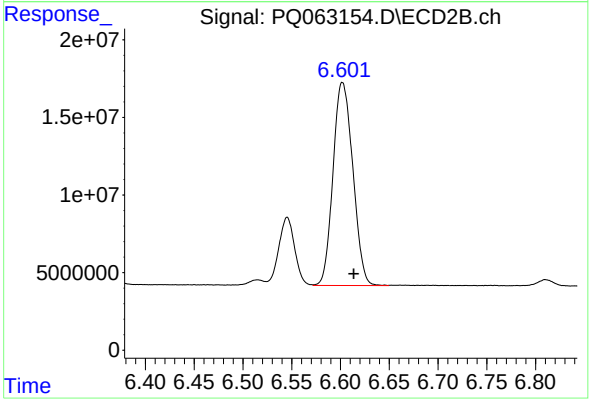
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 49827088
Conc: 66.77 ng/ml



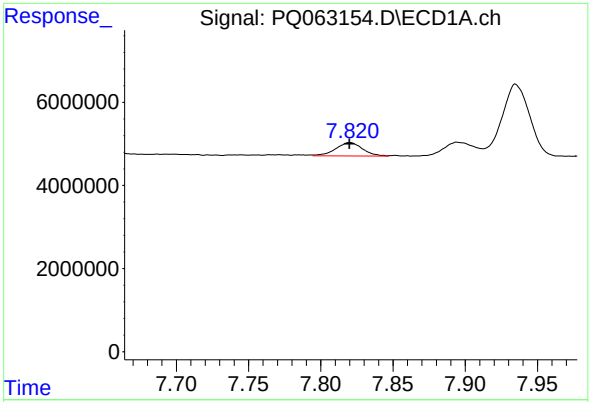
#42 AR-1268-2

R.T.: 7.636 min
Delta R.T.: -0.001 min
Response: 78341399
Conc: 130.64 ng/ml



#42 AR-1268-2

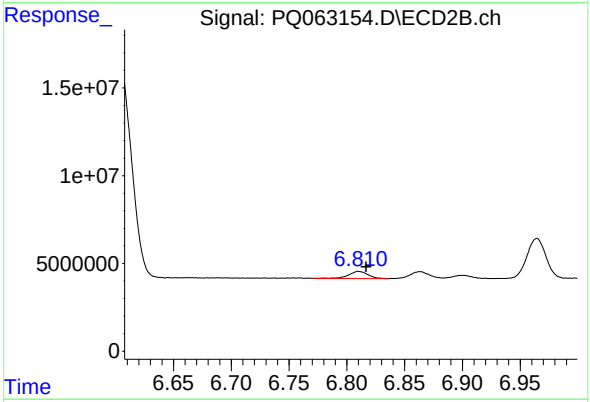
R.T.: 6.602 min
Delta R.T.: -0.012 min
Response: 185167172
Conc: 269.67 ng/ml



#43 AR-1268-3

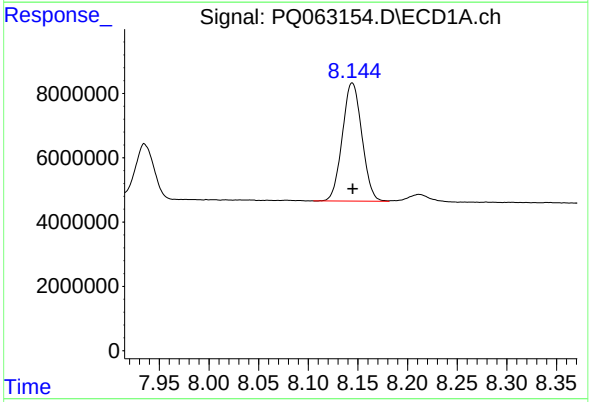
R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 4164778
Conc: 8.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



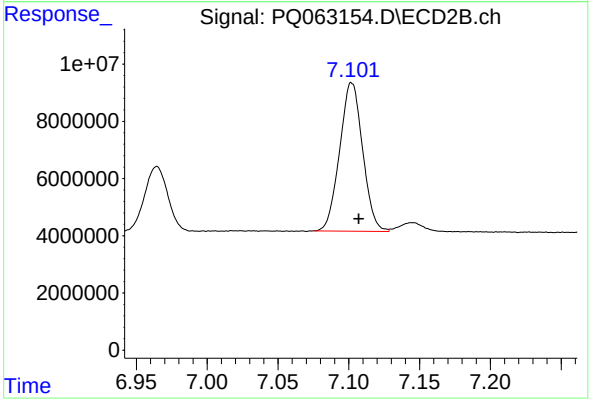
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 4803548
Conc: 8.18 ng/ml



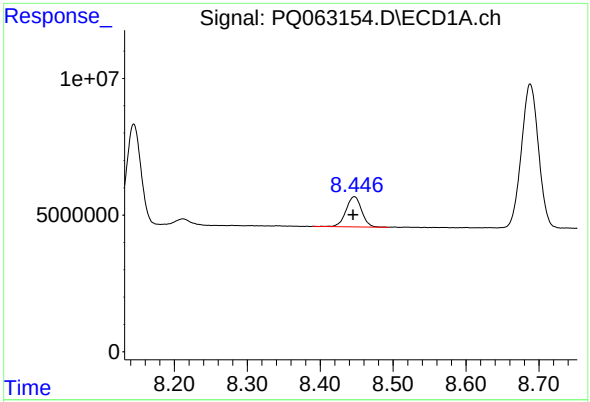
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 50335491
Conc: 234.62 ng/ml



#44 AR-1268-4

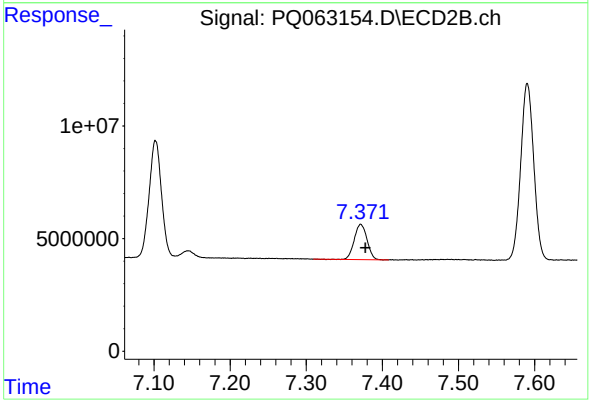
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 58596106
Conc: 230.12 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 16296459
Conc: 10.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 18263026
Conc: 10.31 ng/ml