

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 13:51
 Operator : YP\AJ
 Sample : 04117-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:21:58 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...	3.453	2.783	98262586	89445478	18.287	21.687
2)	SA Decachlor...	8.686	7.590	77048663	77170474	19.900	17.841
Target Compounds							
3)	L1 AR-1016-1	4.566	3.794	93756576	80270526	481.856	503.686
4)	L1 AR-1016-2	4.586	3.810	132.2E6	107.1E6	476.437	501.154
5)	L1 AR-1016-3	4.644	3.972	82240569	61256725	480.929	512.365
6)	L1 AR-1016-4	4.737	4.020	68949655	48984202	489.945	504.855
7)	L1 AR-1016-5	5.026	4.217	66252029	61725424	481.505	490.509
8)	L2 AR-1221-1	3.646	2.986	13128815	8501203	192.940	154.928
9)	L2 AR-1221-2	3.735	3.064	10999910	9749855	230.552	258.487
10)	L2 AR-1221-3	3.806	3.133	46987889	42130168	304.465	350.139
11)	L3 AR-1232-1	3.806	3.133	46987889	42130168	363.681	432.391
12)	L3 AR-1232-2	4.305	3.810	73114675	107.1E6	1048.328	1100.851
13)	L3 AR-1232-3	4.586	3.972	132.2E6	61256725	1081.907	1153.672
14)	L3 AR-1232-4	4.737	4.058	68949655	53836865	1142.705	1172.963
15)	L3 AR-1232-5	4.834	4.217	53239481	61725424	1219.789	1138.369
16)	L4 AR-1242-1	4.566	3.794	93756576	80270526	555.504	555.821
17)	L4 AR-1242-2	4.586	3.810	132.2E6	107.1E6	548.182	563.659
18)	L4 AR-1242-3	4.644	3.972	82240569	61256725	561.440	567.564
19)	L4 AR-1242-4	4.737	4.058	68949655	53836865	557.222	540.373
20)	L4 AR-1242-5	5.458	4.556	9388127	49368138	71.037	365.135 #
21)	L5 AR-1248-1	4.566	3.794	93756576	80270526	704.141	718.573
22)	L5 AR-1248-2	4.834	4.020	53239481	48984202	304.656	310.191
23)	L5 AR-1248-3	5.026	4.058	66252029	53836865	313.289	353.029
24)	L5 AR-1248-4	5.423	4.217	10870991	61725424	45.626	324.595 #
25)	L5 AR-1248-5	5.458	4.595	9388127	9060224	40.400	46.845
26)	L6 AR-1254-1	5.396	4.556	52032930	49368138	237.588	183.996
27)	L6 AR-1254-2	5.616	4.704	59880606	47917384	176.824	204.152
28)	L6 AR-1254-3	5.970	5.090	33567587	28145347	93.629	74.425
29)	L6 AR-1254-4	6.254	5.317	24048327	12562572	88.759	51.422 #
30)	L6 AR-1254-5	6.670	5.725	188.2E6	198.5E6	680.719	575.191
31)	L7 AR-1260-1	6.136	5.220	129.6E6	118.8E6	507.027	476.060
32)	L7 AR-1260-2	6.397	5.410	154.8E6	150.3E6	510.193	487.965
33)	L7 AR-1260-3	6.753	5.552	95523274	148.3E6	453.141	478.710
34)	L7 AR-1260-4	6.972	6.018	114.8E6	109.3E6	478.869	445.800
35)	L7 AR-1260-5	7.284	6.265	218.1E6	244.6E6	464.810	447.538
36)	L8 AR-1262-1	6.753	5.819	95523274	57434414	295.787	402.245 #
37)	L8 AR-1262-2	7.284	6.018	218.1E6	109.3E6	401.835	349.816
38)	L8 AR-1262-3	7.564	6.544	140.6E6	52122347	389.247	206.762 #
39)	L8 AR-1262-4	7.635	6.603	32592615	191.4E6	116.282	409.506 #
40)	L8 AR-1262-5	8.143	7.101	52480755	60861746	279.217	276.983
41)	L9 AR-1268-1	7.564	6.544	140.6E6	52122347	217.409	69.843 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 13:51
 Operator : YP\AJ
 Sample : 04117-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

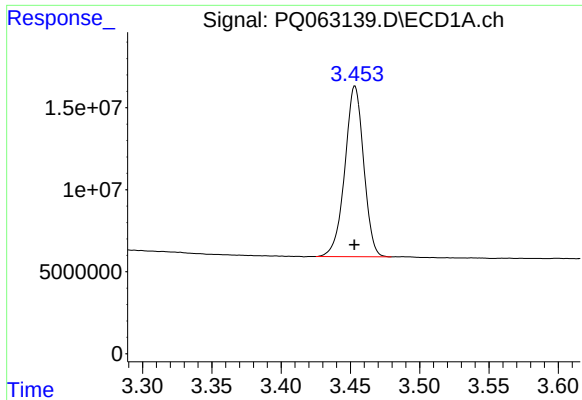
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:21:58 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	7.635	6.603	32592615	191.4E6	54.350	278.819 #
43) L9	AR-1268-3	7.819	6.810	4988719	6231732	10.132	10.618
44) L9	AR-1268-4	8.143	7.101	52480755	60861746	244.623	239.013
45) L9	AR-1268-5	8.444	7.371	17590379	19493699	11.414	11.004

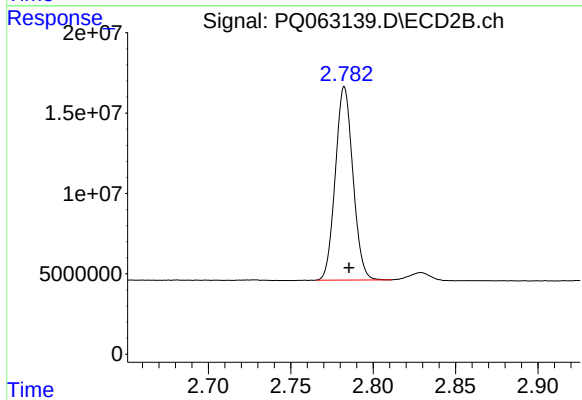
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

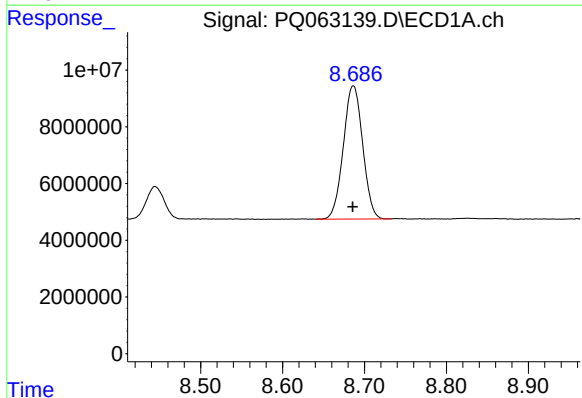
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 98262586
Conc: 18.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



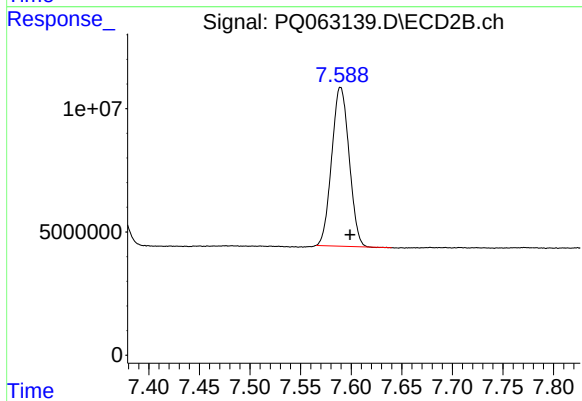
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 89445478
Conc: 21.69 ng/ml



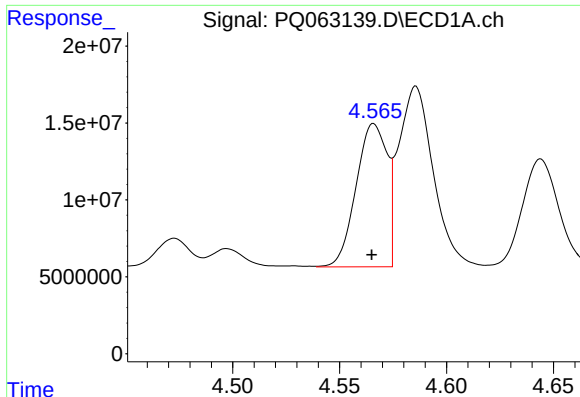
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 77048663
Conc: 19.90 ng/ml



#2 Decachlorobiphenyl

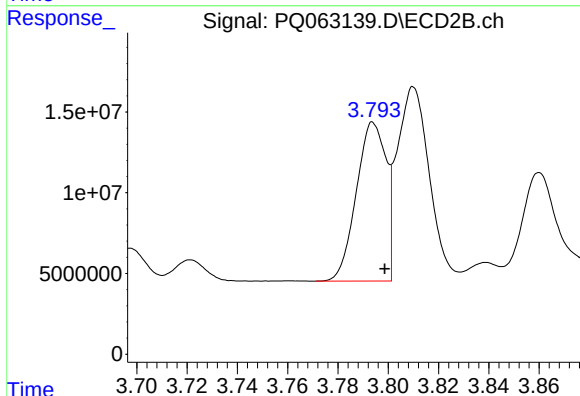
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 77170474
Conc: 17.84 ng/ml



#3 AR-1016-1

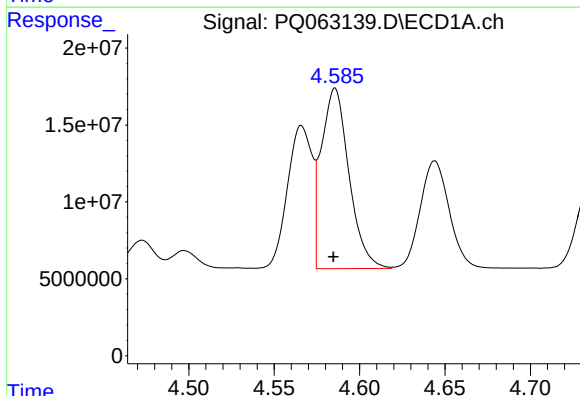
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 93756576
Conc: 481.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



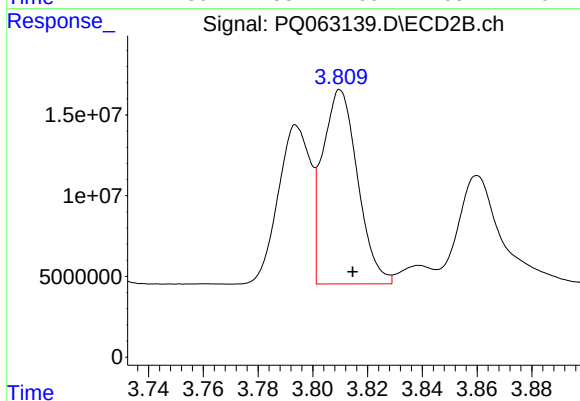
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 80270526
Conc: 503.69 ng/ml



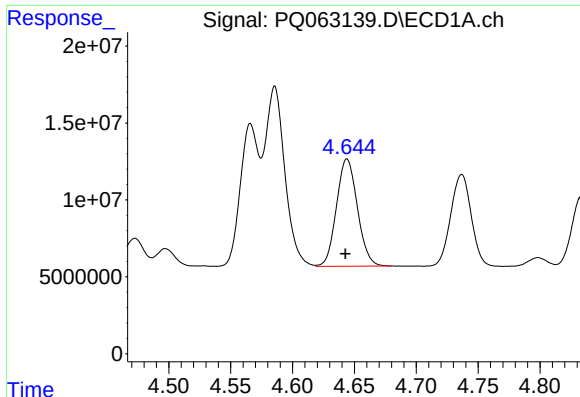
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 132200063
Conc: 476.44 ng/ml



#4 AR-1016-2

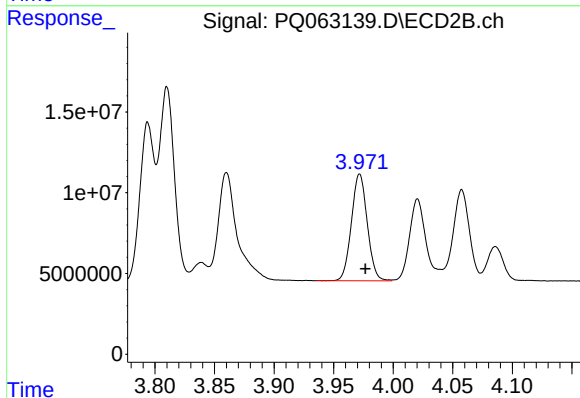
R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 107082943
Conc: 501.15 ng/ml



#5 AR-1016-3

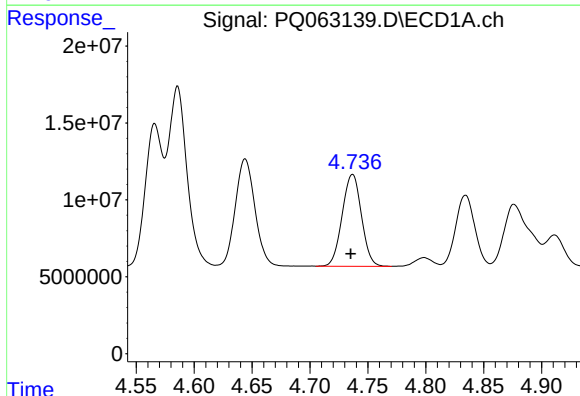
R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 82240569
Conc: 480.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



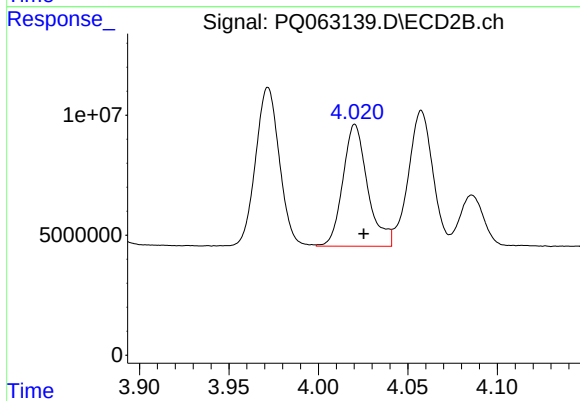
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 61256725
Conc: 512.36 ng/ml



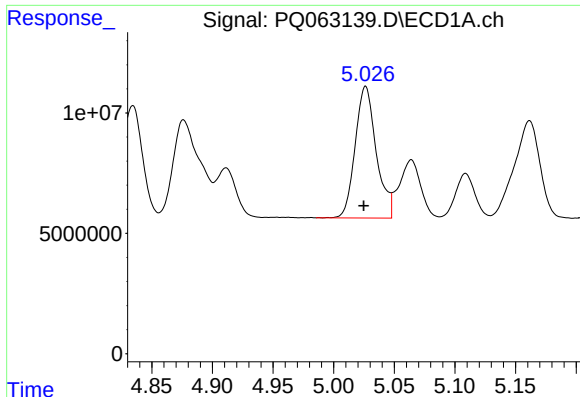
#6 AR-1016-4

R.T.: 4.737 min
Delta R.T.: 0.001 min
Response: 68949655
Conc: 489.95 ng/ml



#6 AR-1016-4

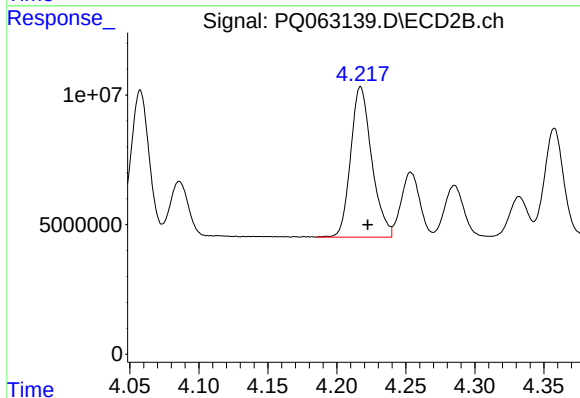
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 48984202
Conc: 504.85 ng/ml



#7 AR-1016-5

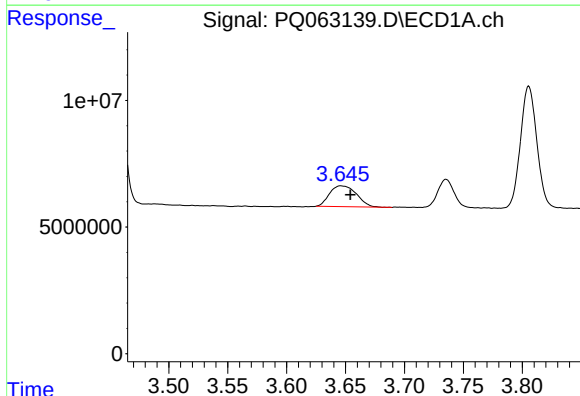
R.T.: 5.026 min
Delta R.T.: 0.002 min
Response: 66252029
Conc: 481.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



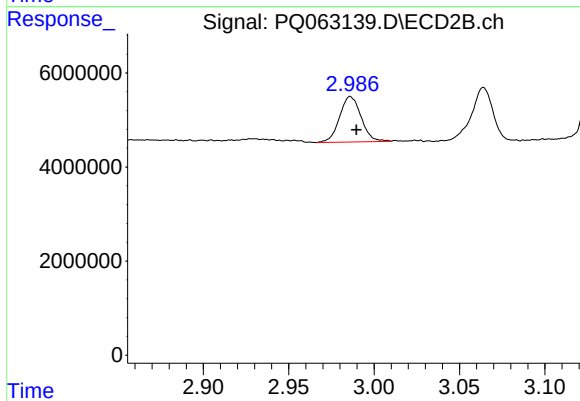
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 61725424
Conc: 490.51 ng/ml



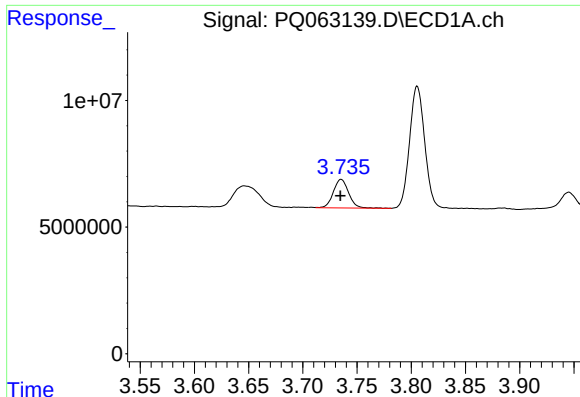
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.008 min
Response: 13128815
Conc: 192.94 ng/ml



#8 AR-1221-1

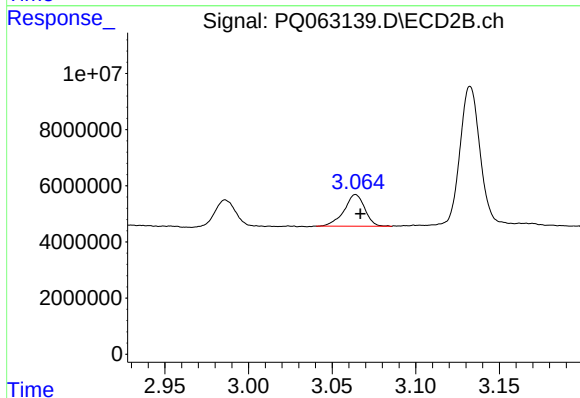
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 8501203
Conc: 154.93 ng/ml



#9 AR-1221-2

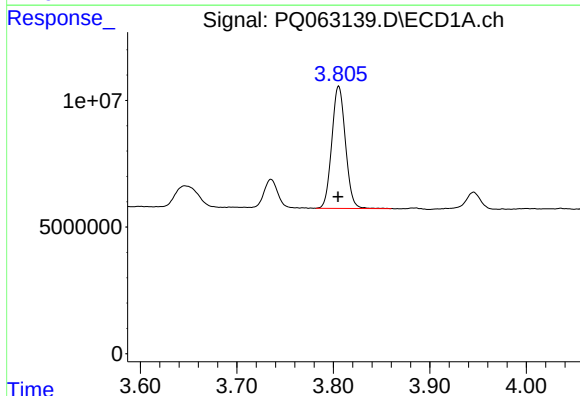
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 10999910
Conc: 230.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



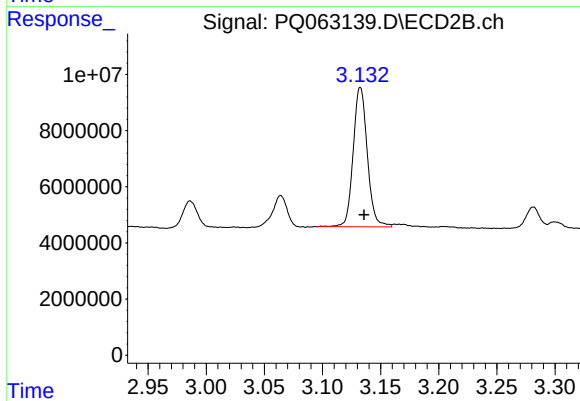
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 9749855
Conc: 258.49 ng/ml



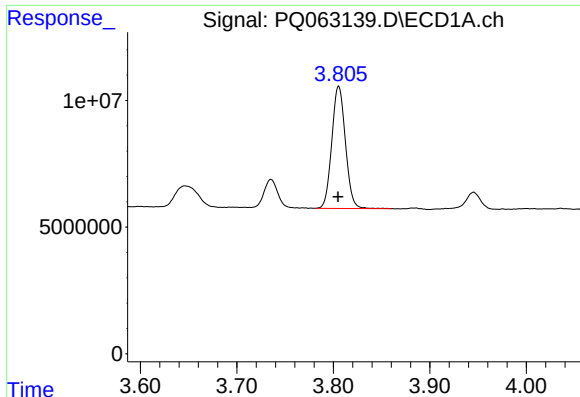
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 46987889
Conc: 304.46 ng/ml



#10 AR-1221-3

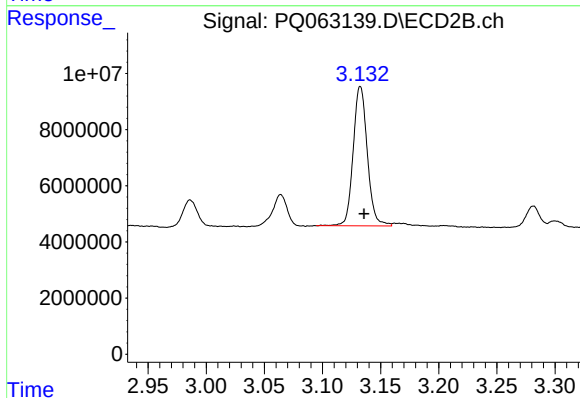
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 42130168
Conc: 350.14 ng/ml



#11 AR-1232-1

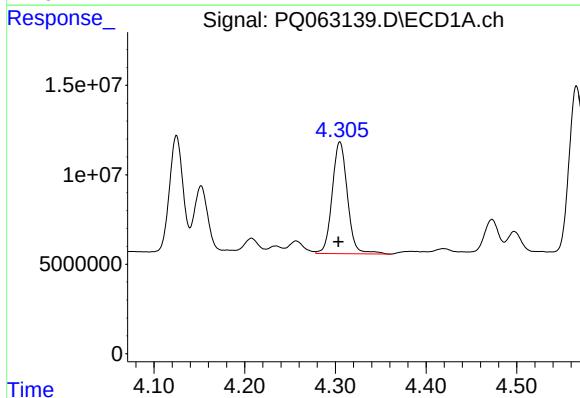
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 46987889
Conc: 363.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



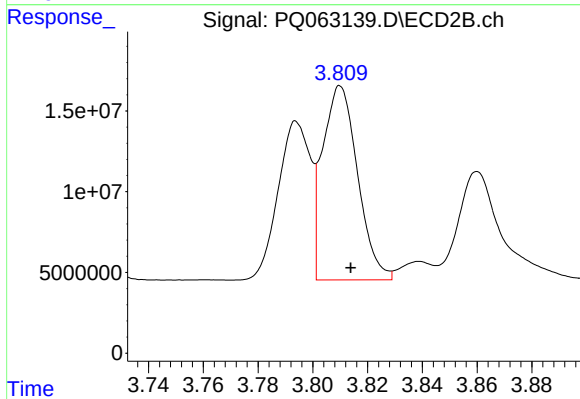
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 42130168
Conc: 432.39 ng/ml



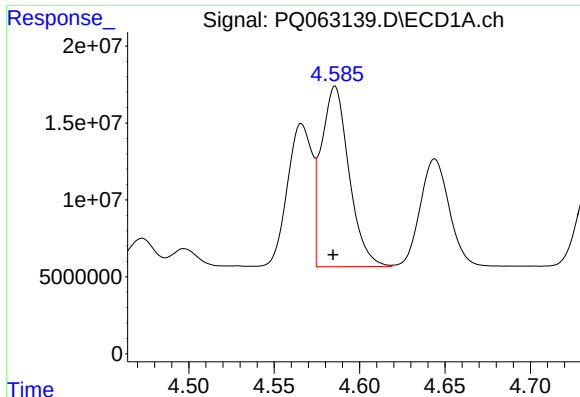
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 73114675
Conc: 1048.33 ng/ml



#12 AR-1232-2

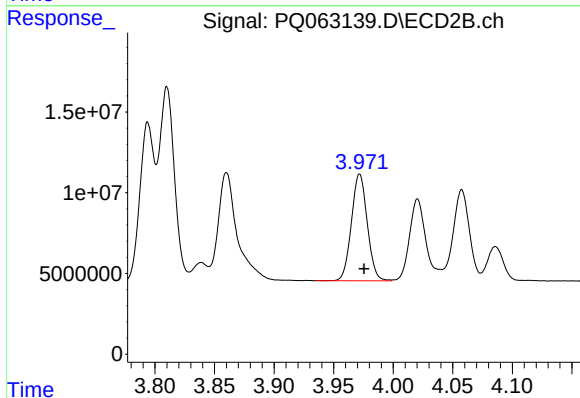
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 107082943
Conc: 1100.85 ng/ml



#13 AR-1232-3

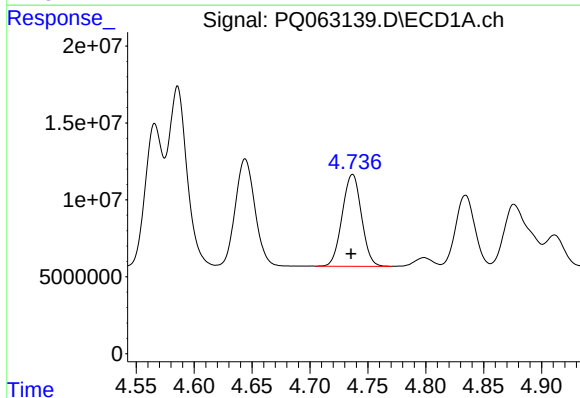
R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 132200063
Conc: 1081.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



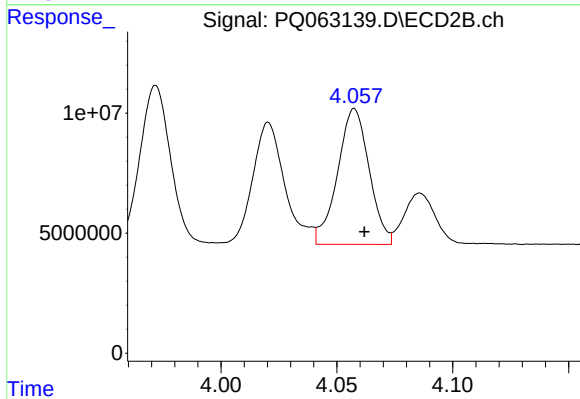
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 61256725
Conc: 1153.67 ng/ml



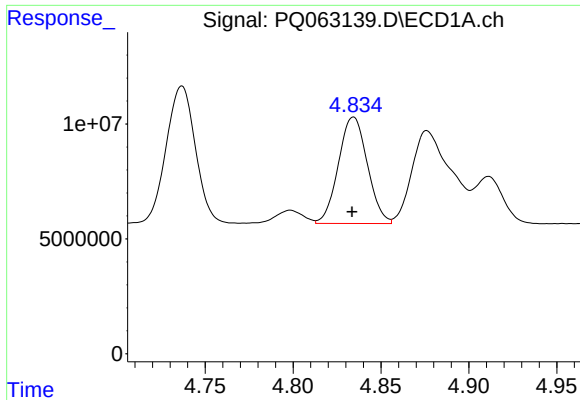
#14 AR-1232-4

R.T.: 4.737 min
Delta R.T.: 0.001 min
Response: 68949655
Conc: 1142.71 ng/ml



#14 AR-1232-4

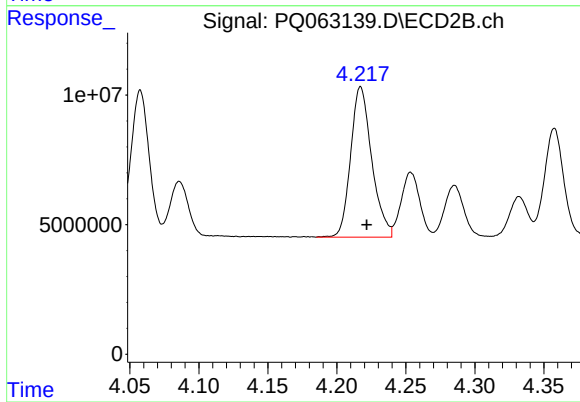
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 53836865
Conc: 1172.96 ng/ml



#15 AR-1232-5

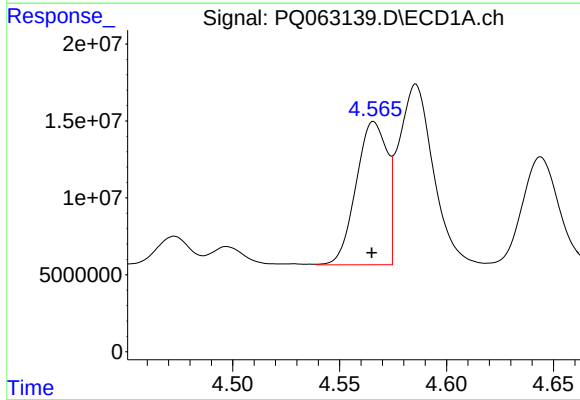
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 53239481
Conc: 1219.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



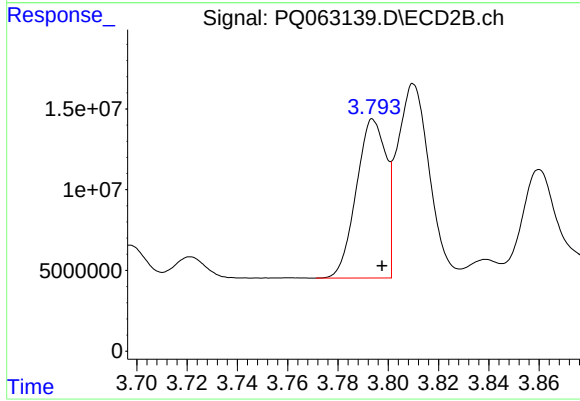
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 61725424
Conc: 1138.37 ng/ml



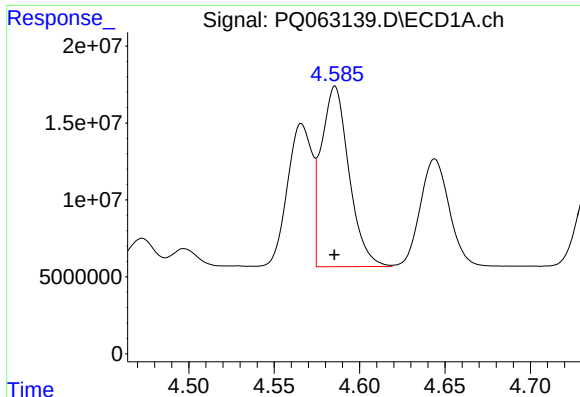
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 93756576
Conc: 555.50 ng/ml



#16 AR-1242-1

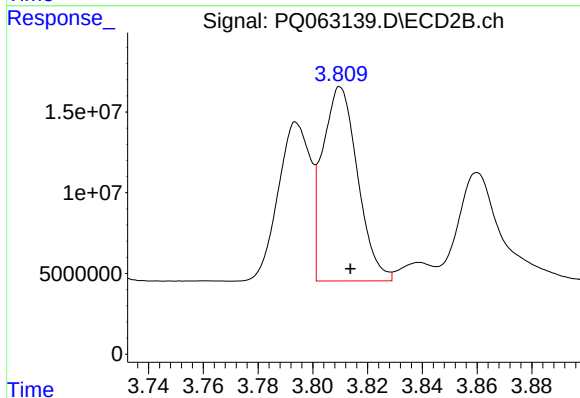
R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 80270526
Conc: 555.82 ng/ml



#17 AR-1242-2

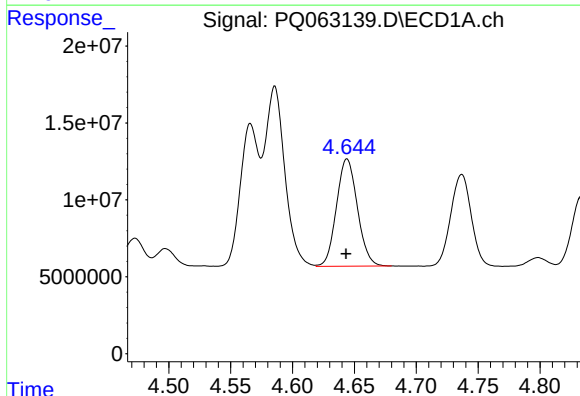
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 132200063
Conc: 548.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



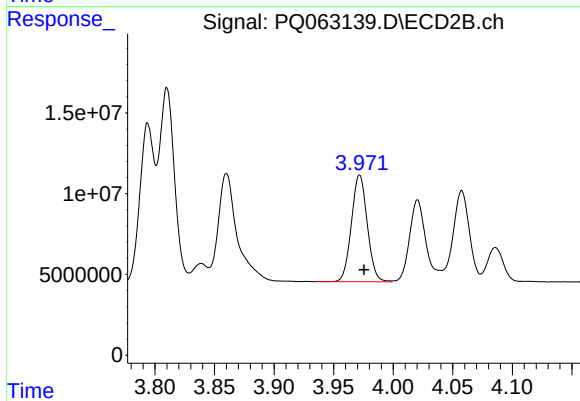
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 107082943
Conc: 563.66 ng/ml



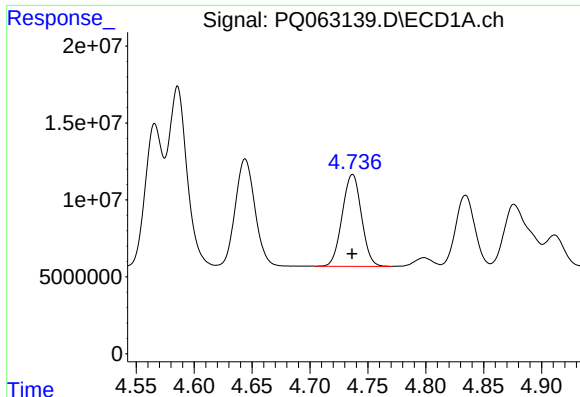
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 82240569
Conc: 561.44 ng/ml



#18 AR-1242-3

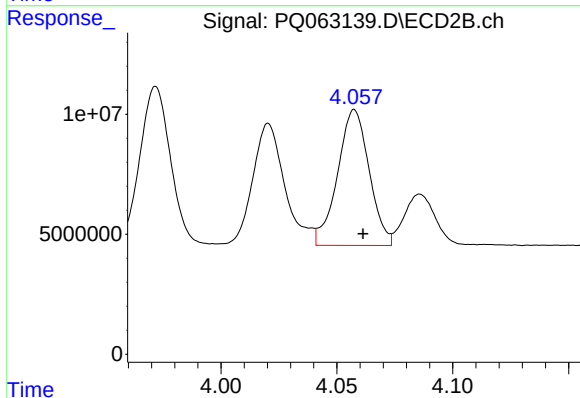
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 61256725
Conc: 567.56 ng/ml



#19 AR-1242-4

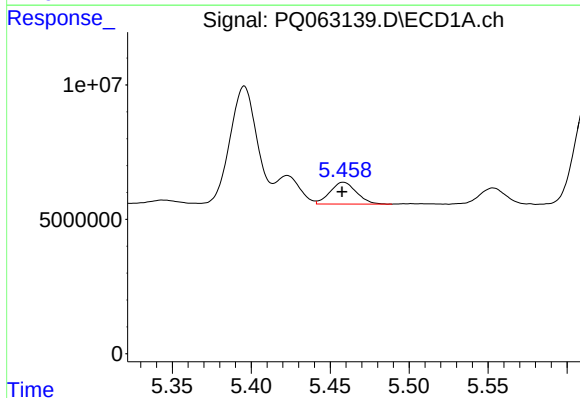
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 68949655
Conc: 557.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



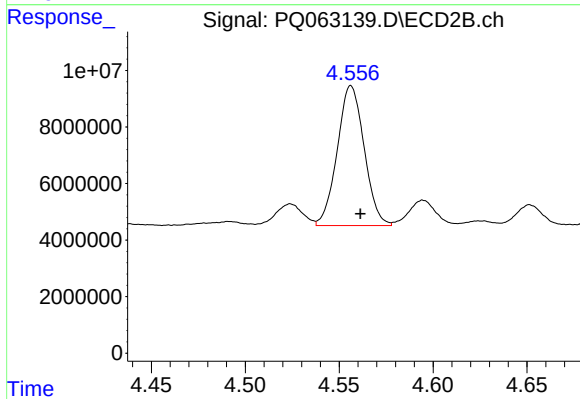
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 53836865
Conc: 540.37 ng/ml



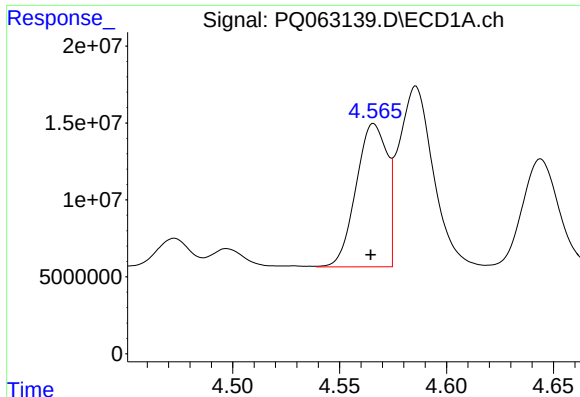
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 9388127
Conc: 71.04 ng/ml



#20 AR-1242-5

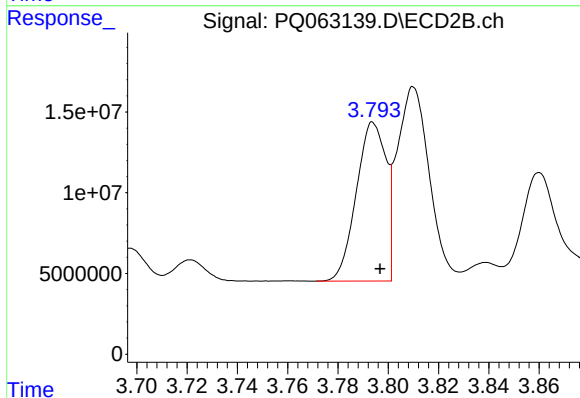
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 49368138
Conc: 365.13 ng/ml



#21 AR-1248-1

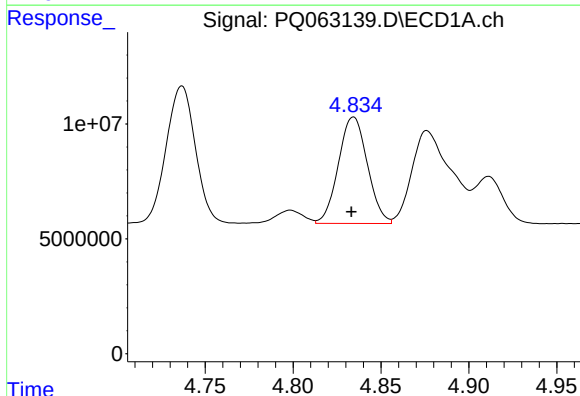
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 93756576
Conc: 704.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



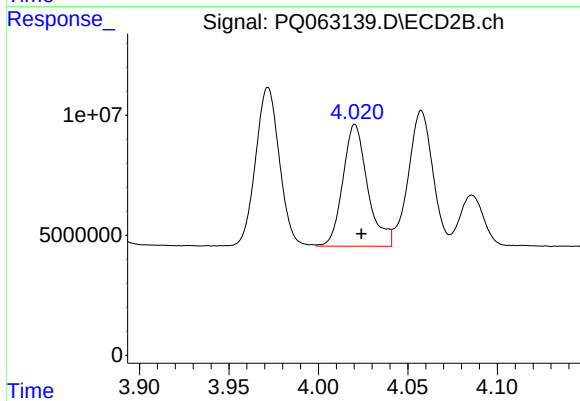
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 80270526
Conc: 718.57 ng/ml



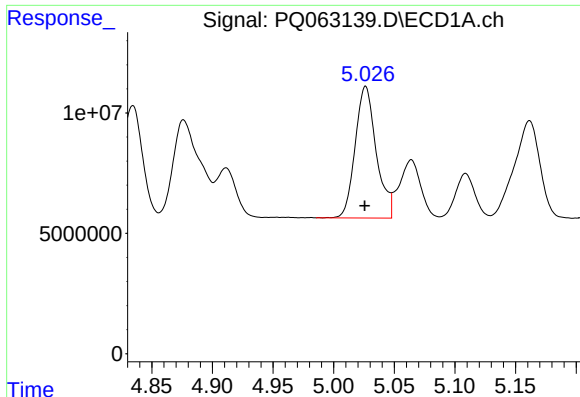
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.001 min
Response: 53239481
Conc: 304.66 ng/ml



#22 AR-1248-2

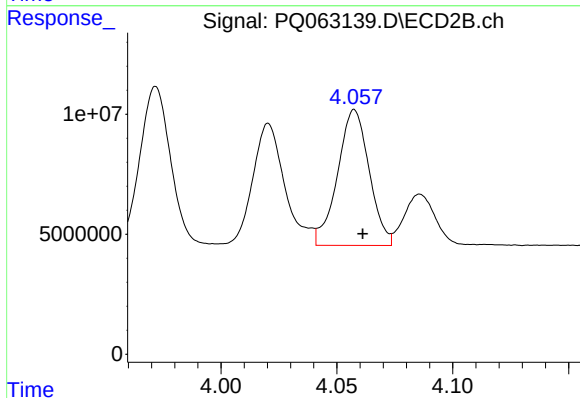
R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 48984202
Conc: 310.19 ng/ml



#23 AR-1248-3

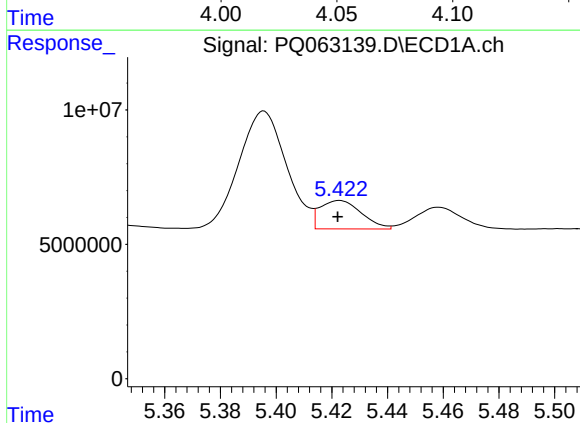
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 66252029
Conc: 313.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



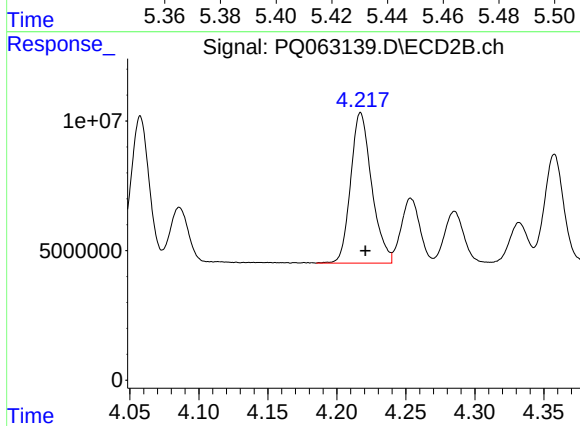
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 53836865
Conc: 353.03 ng/ml



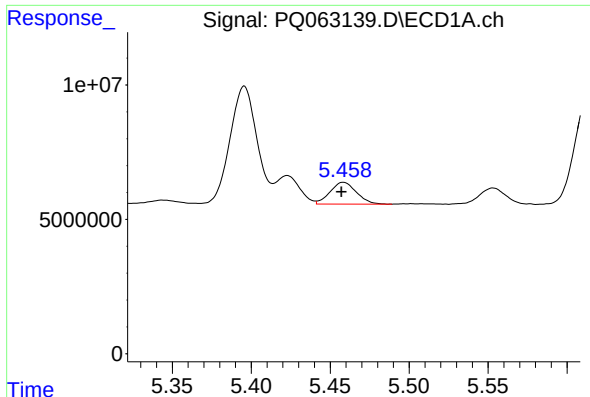
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 10870991
Conc: 45.63 ng/ml



#24 AR-1248-4

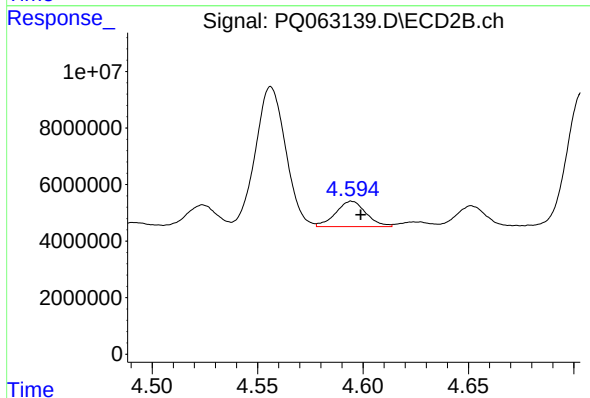
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 61725424
Conc: 324.59 ng/ml



#25 AR-1248-5

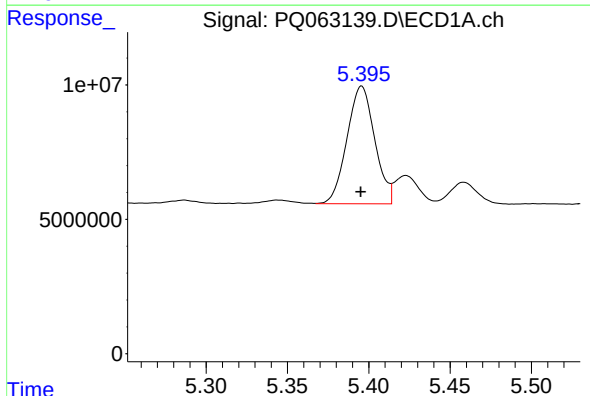
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 9388127
Conc: 40.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



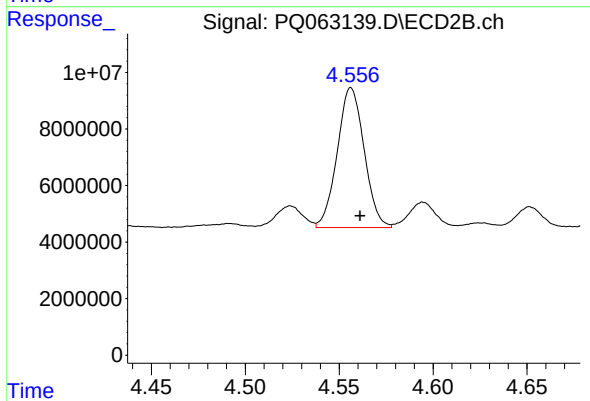
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 9060224
Conc: 46.84 ng/ml



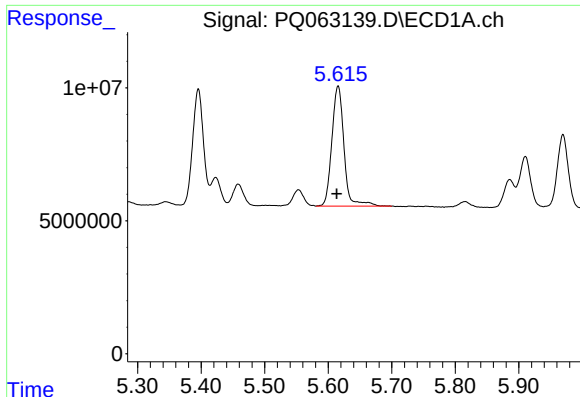
#26 AR-1254-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 52032930
Conc: 237.59 ng/ml



#26 AR-1254-1

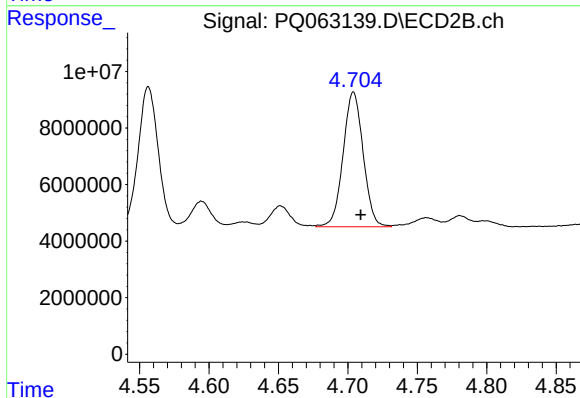
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 49368138
Conc: 184.00 ng/ml



#27 AR-1254-2

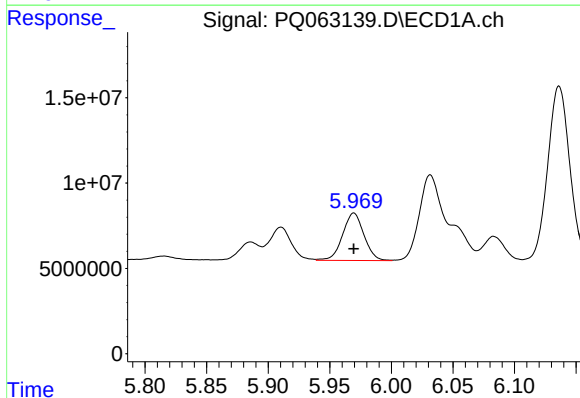
R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 59880606
Conc: 176.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



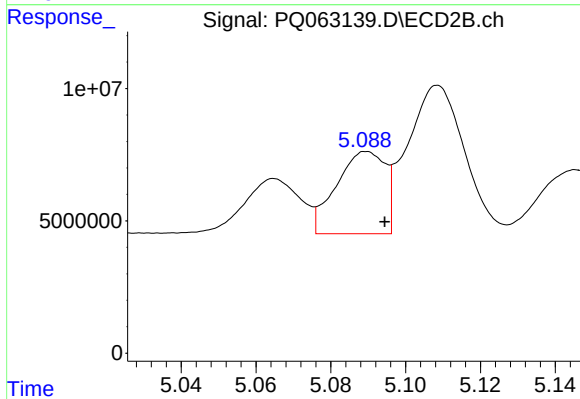
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 47917384
Conc: 204.15 ng/ml



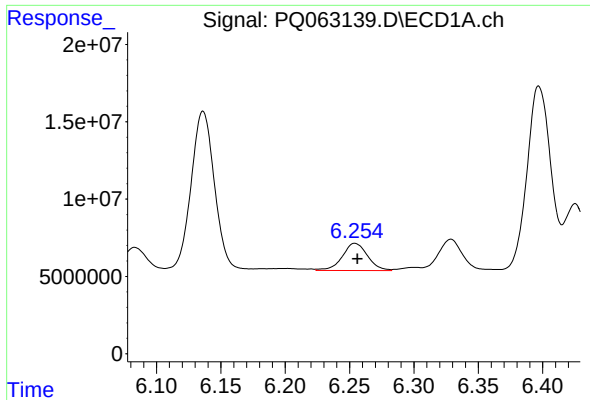
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 33567587
Conc: 93.63 ng/ml



#28 AR-1254-3

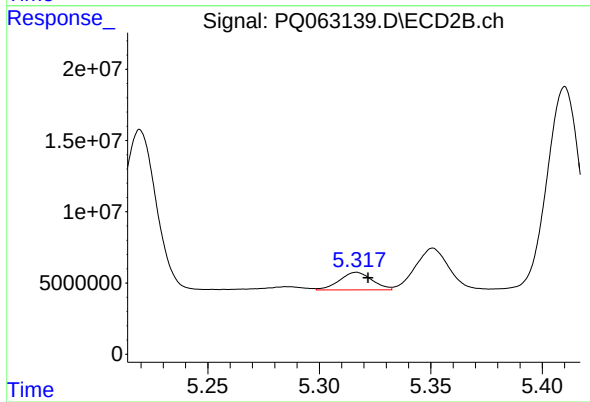
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 28145347
Conc: 74.43 ng/ml



#29 AR-1254-4

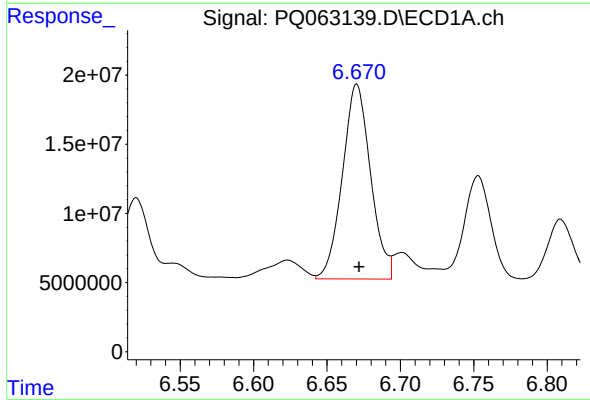
R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 24048327
Conc: 88.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



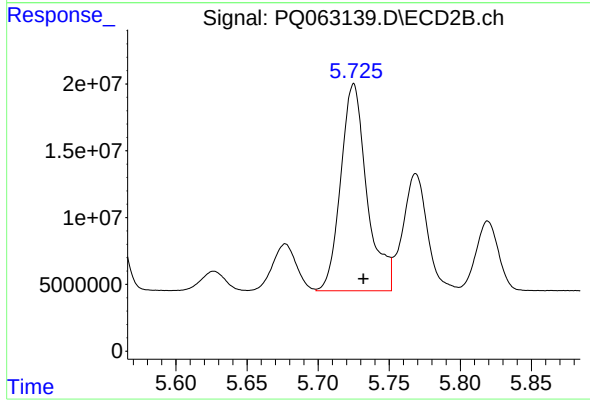
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 12562572
Conc: 51.42 ng/ml



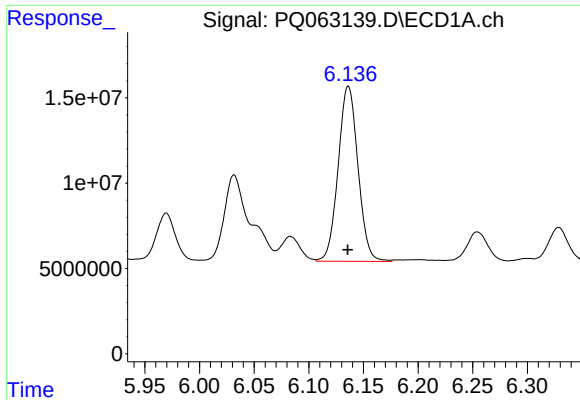
#30 AR-1254-5

R.T.: 6.670 min
Delta R.T.: -0.001 min
Response: 188172389
Conc: 680.72 ng/ml



#30 AR-1254-5

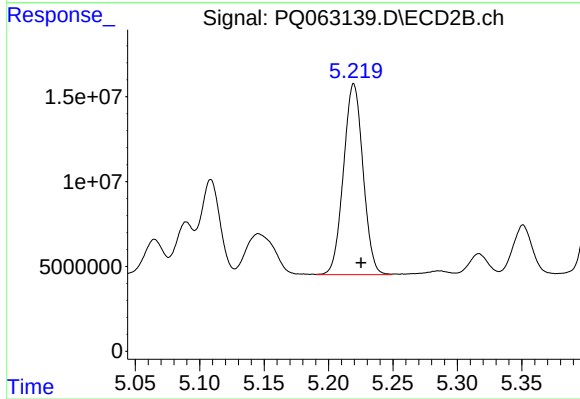
R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 198518370
Conc: 575.19 ng/ml



#31 AR-1260-1

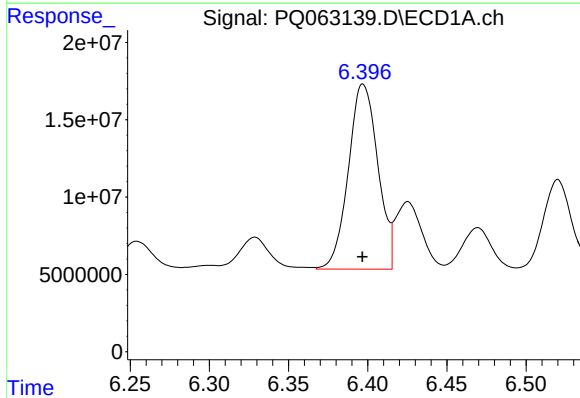
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 129615003
Conc: 507.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



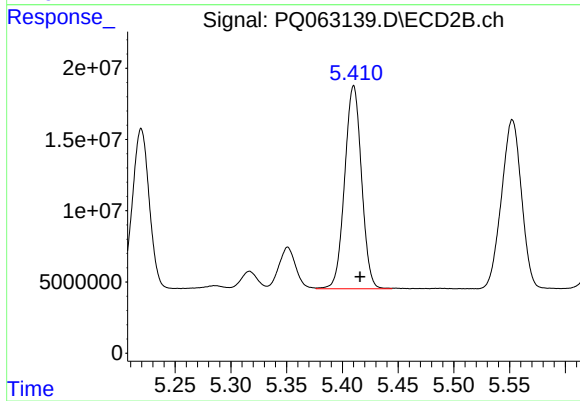
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 118813851
Conc: 476.06 ng/ml



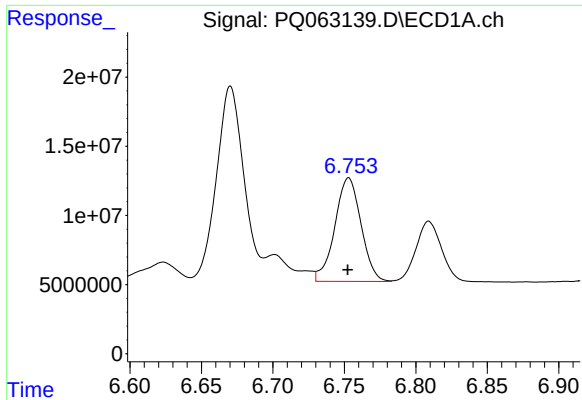
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 154849728
Conc: 510.19 ng/ml



#32 AR-1260-2

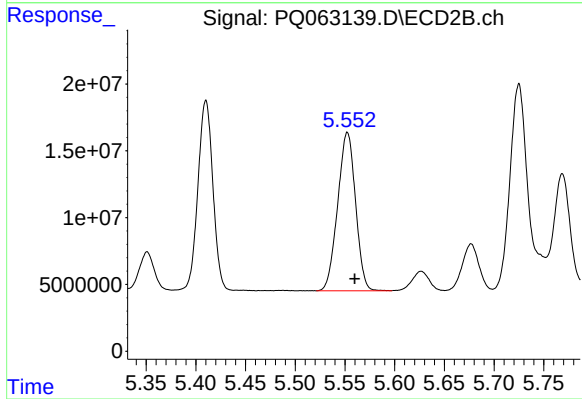
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 150281252
Conc: 487.96 ng/ml



#33 AR-1260-3

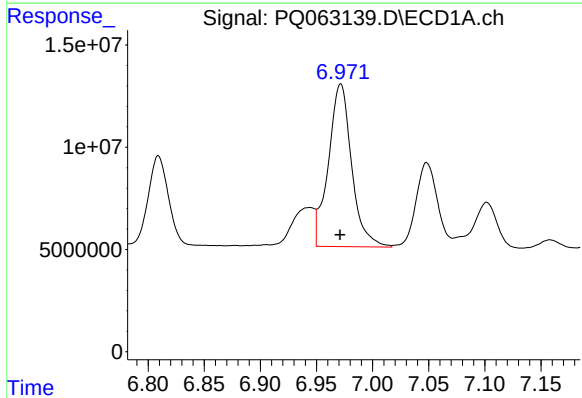
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 95523274
Conc: 453.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



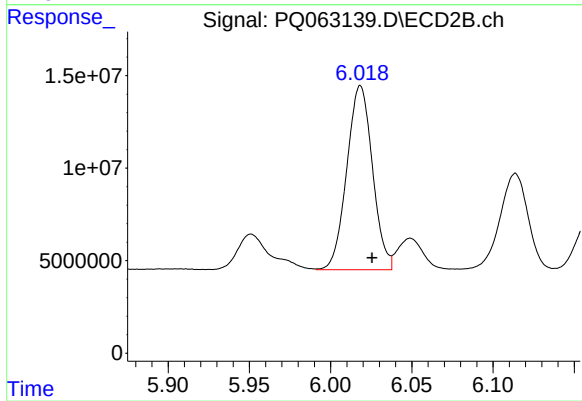
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 148337817
Conc: 478.71 ng/ml



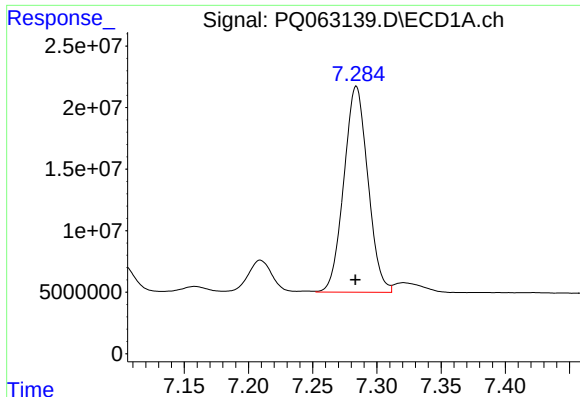
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 114763624
Conc: 478.87 ng/ml



#34 AR-1260-4

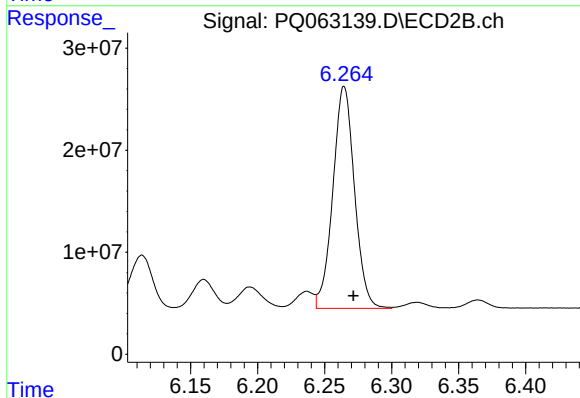
R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 109316515
Conc: 445.80 ng/ml



#35 AR-1260-5

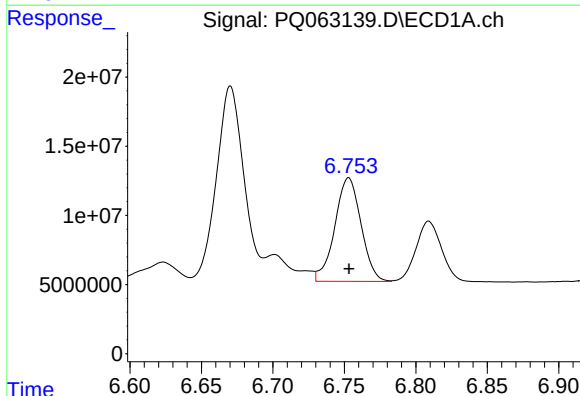
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 218067078
Conc: 464.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



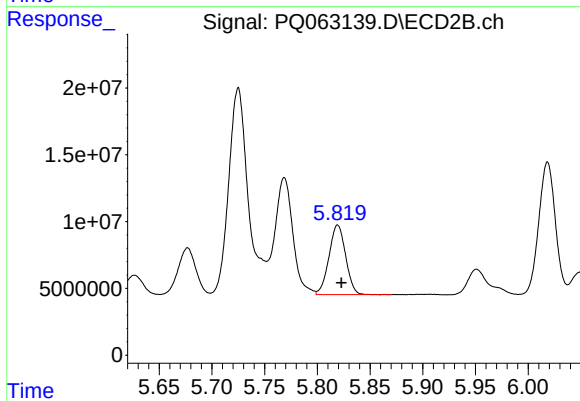
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 244589063
Conc: 447.54 ng/ml



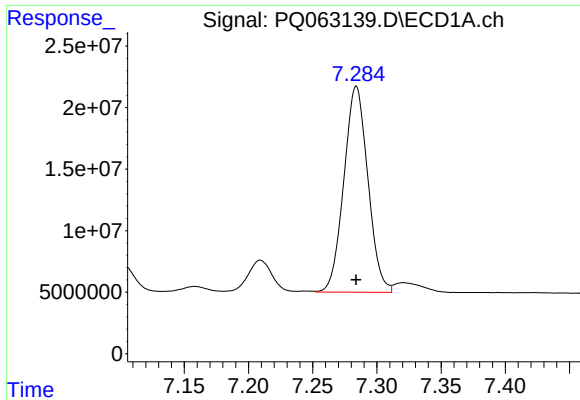
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 95523274
Conc: 295.79 ng/ml



#36 AR-1262-1

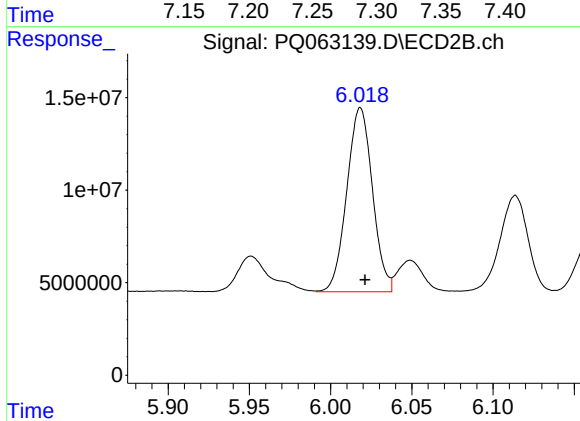
R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 57434414
Conc: 402.24 ng/ml



#37 AR-1262-2

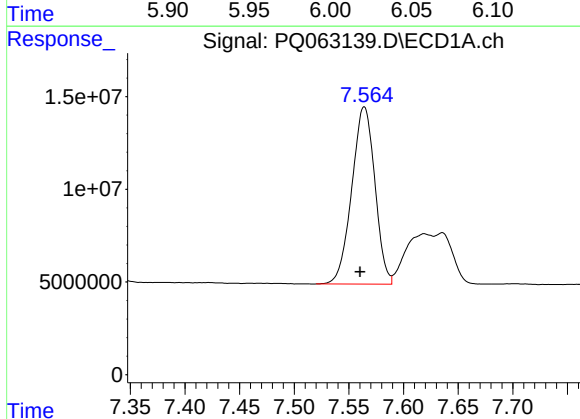
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 218067078
Conc: 401.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



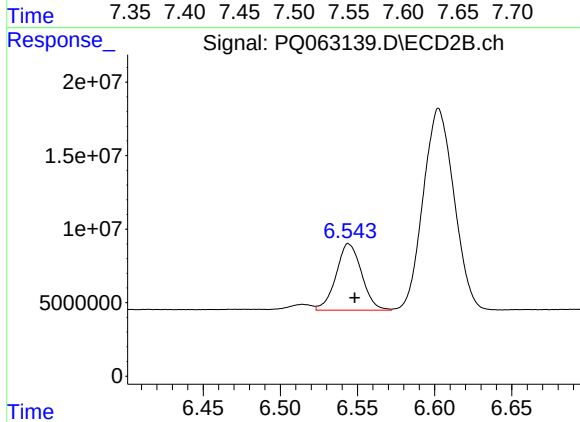
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 109316515
Conc: 349.82 ng/ml



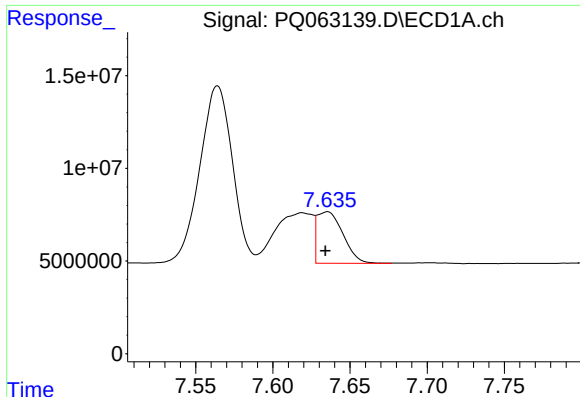
#38 AR-1262-3

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 140601855
Conc: 389.25 ng/ml



#38 AR-1262-3

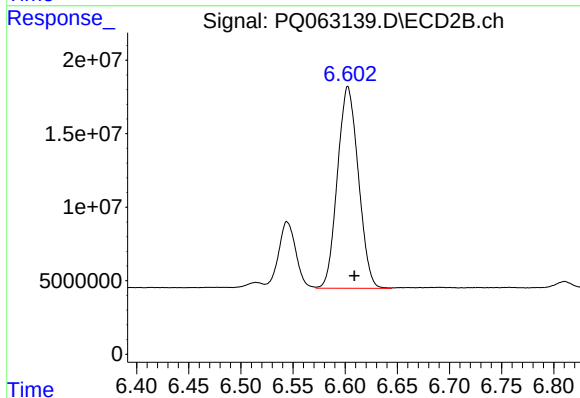
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 52122347
Conc: 206.76 ng/ml



#39 AR-1262-4

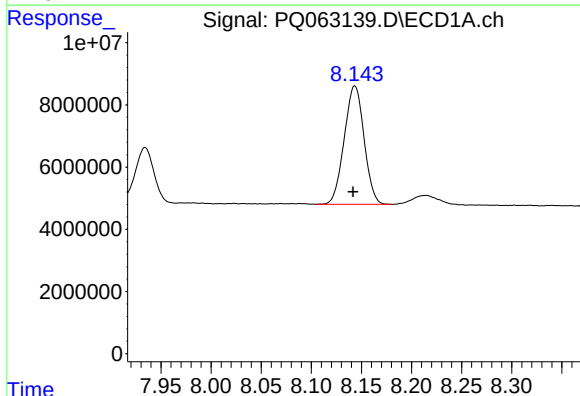
R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 32592615
Conc: 116.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



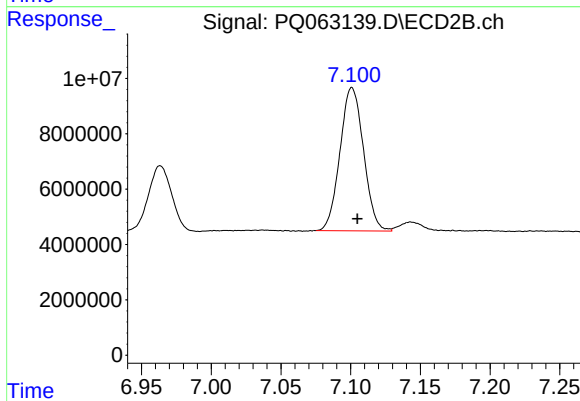
#39 AR-1262-4

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 191447683
Conc: 409.51 ng/ml



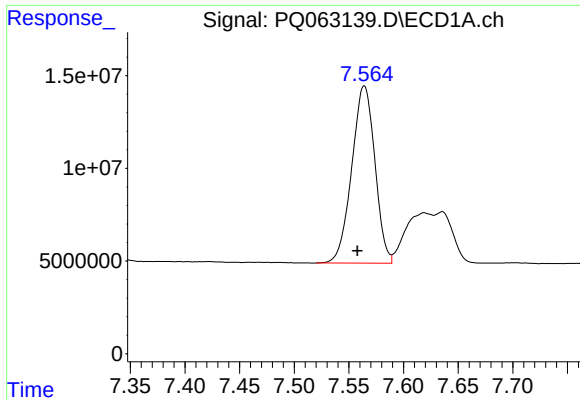
#40 AR-1262-5

R.T.: 8.143 min
Delta R.T.: 0.002 min
Response: 52480755
Conc: 279.22 ng/ml



#40 AR-1262-5

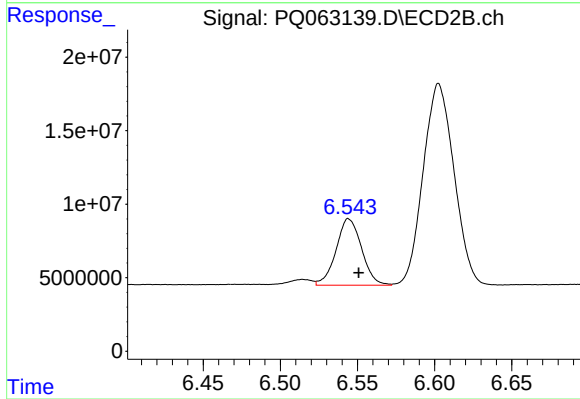
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 60861746
Conc: 276.98 ng/ml



#41 AR-1268-1

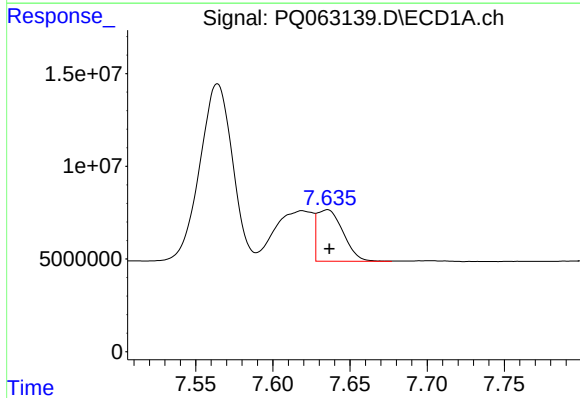
R.T.: 7.564 min
Delta R.T.: 0.006 min
Response: 140601855
Conc: 217.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



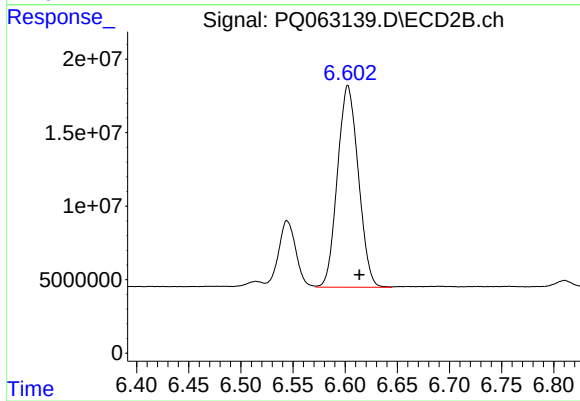
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 52122347
Conc: 69.84 ng/ml



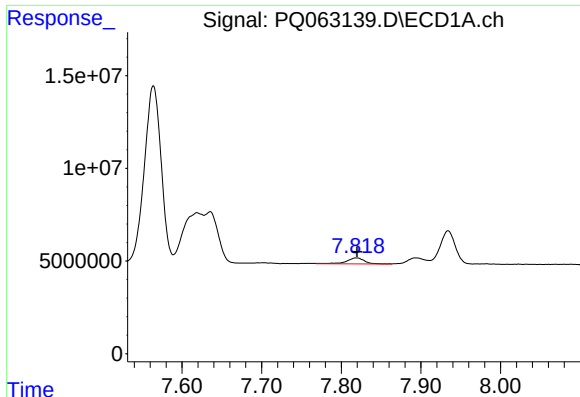
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.001 min
Response: 32592615
Conc: 54.35 ng/ml



#42 AR-1268-2

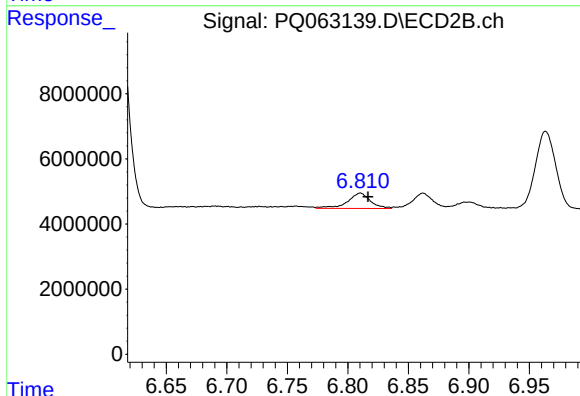
R.T.: 6.603 min
Delta R.T.: -0.011 min
Response: 191447683
Conc: 278.82 ng/ml



#43 AR-1268-3

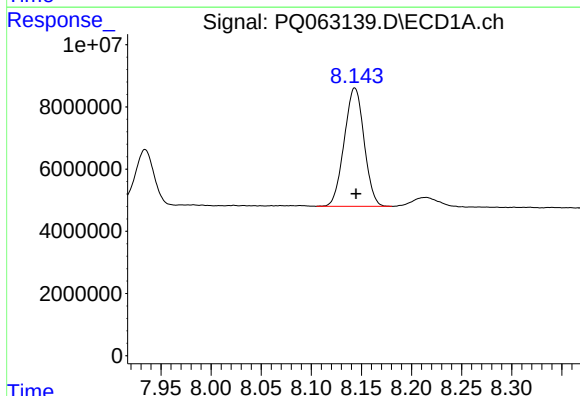
R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 4988719
Conc: 10.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



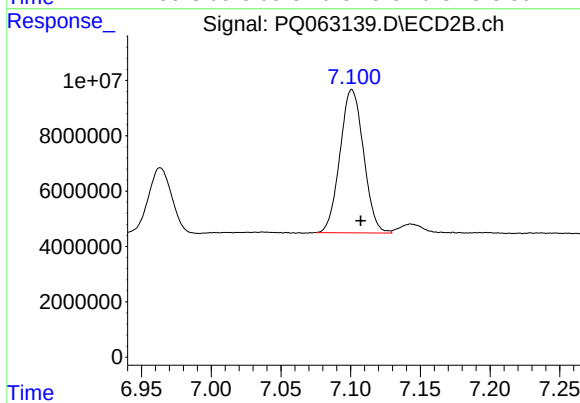
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 6231732
Conc: 10.62 ng/ml



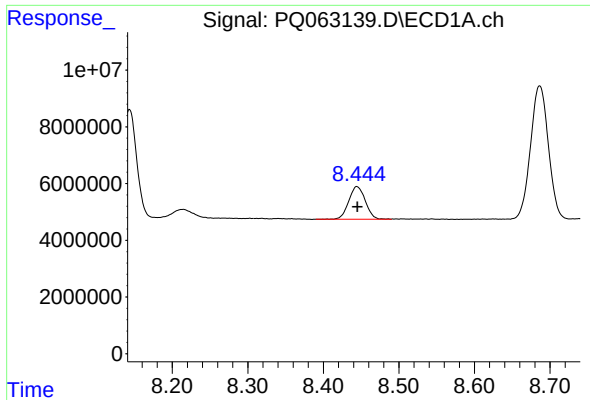
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.001 min
Response: 52480755
Conc: 244.62 ng/ml



#44 AR-1268-4

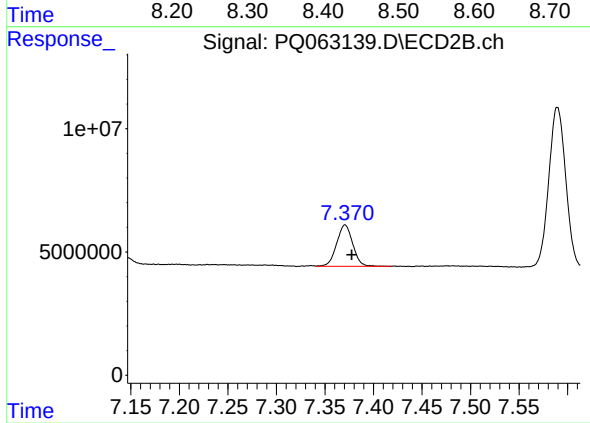
R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 60861746
Conc: 239.01 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 17590379
Conc: 11.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 19493699
Conc: 11.00 ng/ml