

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 13:14
 Operator : YP\AJ
 Sample : AR1660CCC50
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:03:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.465	2.781	263.5E6	171.0E6	56.253	49.475
2)	SA Decachlor...	8.703	7.583	190.1E6	171.7E6	54.406	47.756
Target Compounds							
3)	L1 AR-1016-1	4.581	3.792	80847348	61718606	556.050	495.483
4)	L1 AR-1016-2	4.600	3.807	128.1E6	87965993	548.300	494.861
5)	L1 AR-1016-3	4.659	3.968	78444110	48492995	545.902	502.560
6)	L1 AR-1016-4	4.752	4.018	63327723	40829723	555.178	503.682
7)	L1 AR-1016-5	5.042	4.214	64607533	50695025	549.812	503.604
8)	L2 AR-1221-1	3.666	2.985	10381294	7816500	181.452	168.063
9)	L2 AR-1221-2	3.748	3.062	11243459	8521961	297.407	275.569
10)	L2 AR-1221-3	3.819	3.131	46783130	35073028	370.663	329.188
11)	L3 AR-1232-1	3.819	3.131	46783130	35073028	449.252	403.377
12)	L3 AR-1232-2	4.319	3.807	70100947	87965993	1102.086	1087.764
13)	L3 AR-1232-3	4.600	3.968	128.1E6	48492995	1222.439	1143.175
14)	L3 AR-1232-4	4.752	4.055	63327723	44527584	1274.345	1214.355
15)	L3 AR-1232-5	4.850	4.214	50577866	50695025	1331.637	1175.184
16)	L4 AR-1242-1	4.581	3.792	80847348	61718606	613.066	565.619
17)	L4 AR-1242-2	4.600	3.807	128.1E6	87965993	619.069	565.989
18)	L4 AR-1242-3	4.659	3.968	78444110	48492995	618.765	578.143
19)	L4 AR-1242-4	4.752	4.055	63327723	44527584	613.995	555.654
20)	L4 AR-1242-5	5.474	4.552	17653462	49040595	161.426	468.602 #
21)	L5 AR-1248-1	4.581	3.792	80847348	61718606	822.701	769.119
22)	L5 AR-1248-2	4.850	4.018	50577866	40829723	353.640	341.015
23)	L5 AR-1248-3	5.042	4.055	64607533	44527584	375.563	388.381
24)	L5 AR-1248-4	5.438	4.214	21398080	50695025	111.920	359.531 #
25)	L5 AR-1248-5	5.474	4.591	17653462	12743530	94.892	92.223
26)	L6 AR-1254-1	5.411	4.552	57585138	49040595	286.338	232.584
27)	L6 AR-1254-2	5.631	4.700	51469137	35755640	168.806	193.188
28)	L6 AR-1254-3	5.986	5.103	22889719	66513992	69.777	232.463 #
29)	L6 AR-1254-4	6.271	5.312	15515630	5381529	64.059	29.069 #
30)	L6 AR-1254-5	6.687	5.719	166.8E6	133.3E6	649.578	516.118
31)	L7 AR-1260-1	6.153	5.214	128.9E6	98843484	535.978	489.510
32)	L7 AR-1260-2	6.415	5.405	149.3E6	118.6E6	526.920	484.637
33)	L7 AR-1260-3	6.770	5.547	109.4E6	111.7E6	538.406	472.193
34)	L7 AR-1260-4	6.988	6.012	125.8E6	93269970	527.689	488.521
35)	L7 AR-1260-5	7.301	6.259	244.1E6	208.6E6	545.343	476.360
36)	L8 AR-1262-1	6.770	5.814	109.4E6	48053712	351.528	456.760 #
37)	L8 AR-1262-2	7.301	6.012	244.1E6	93269970	470.249	401.716
38)	L8 AR-1262-3	7.581	6.538	149.4E6	51298037	431.474	267.071 #
39)	L8 AR-1262-4	7.653	6.596	99428699	158.2E6	365.225	452.269
40)	L8 AR-1262-5	8.162	7.095	60180670	56936439	350.871	343.732
41)	L9 AR-1268-1	7.581	6.538	149.4E6	51298037	241.819	91.490 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 13:14
 Operator : YP\AJ
 Sample : AR1660CCC50
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

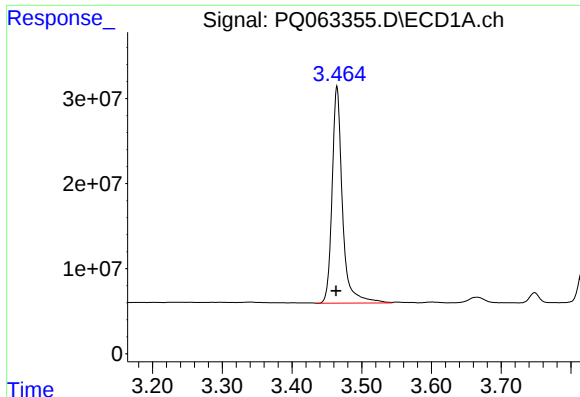
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:03:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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	7.653	6.596	99428699	158.2E6	173.661	317.967 #
43) L9	AR-1268-3	7.837	6.803	4455701	3929203	9.137	9.217
44) L9	AR-1268-4	8.162	7.095	60180670	56936439	312.822	307.481
45) L9	AR-1268-5	8.462	7.365	17104845	15988521	11.976	12.160

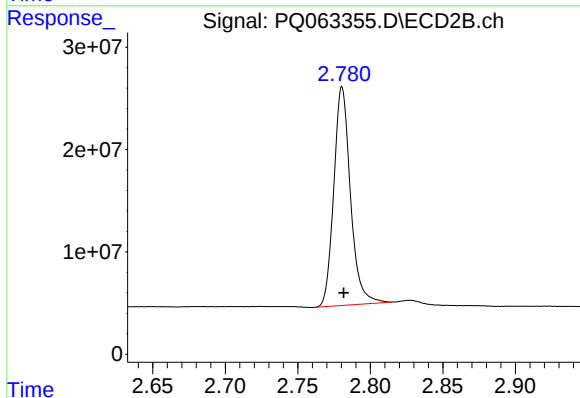
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

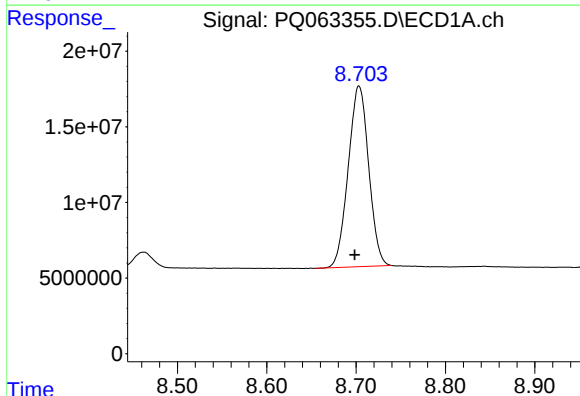
R.T.: 3.465 min
Delta R.T.: 0.002 min
Response: 263464015
Conc: 56.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



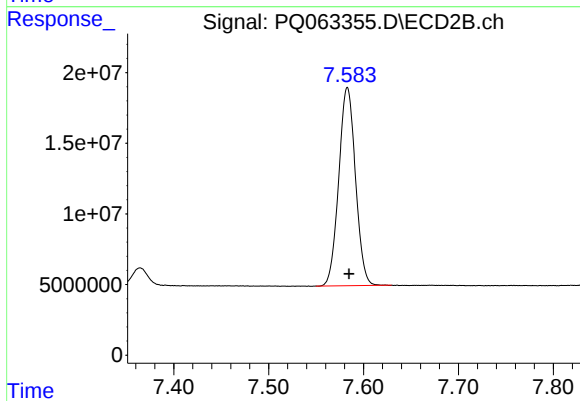
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 170983939
Conc: 49.47 ng/ml



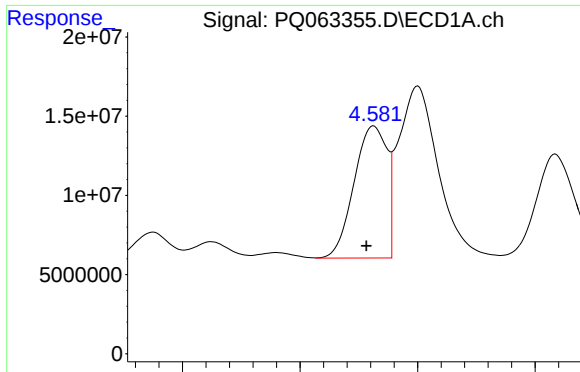
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.005 min
Response: 190121810
Conc: 54.41 ng/ml



#2 Decachlorobiphenyl

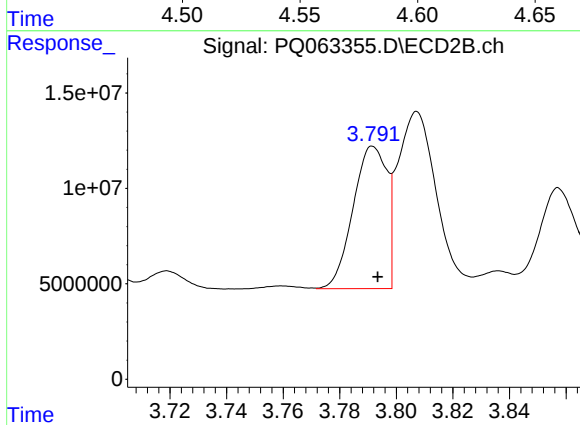
R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 171670538
Conc: 47.76 ng/ml



#3 AR-1016-1

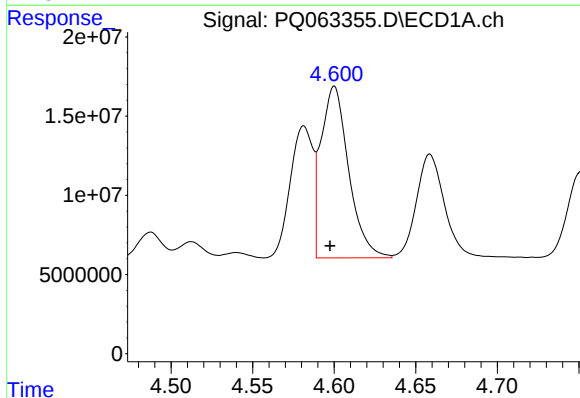
R.T.: 4.581 min
Delta R.T.: 0.003 min
Response: 80847348
Conc: 556.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



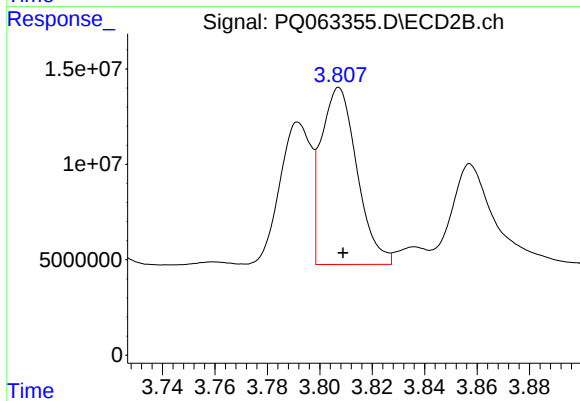
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 61718606
Conc: 495.48 ng/ml



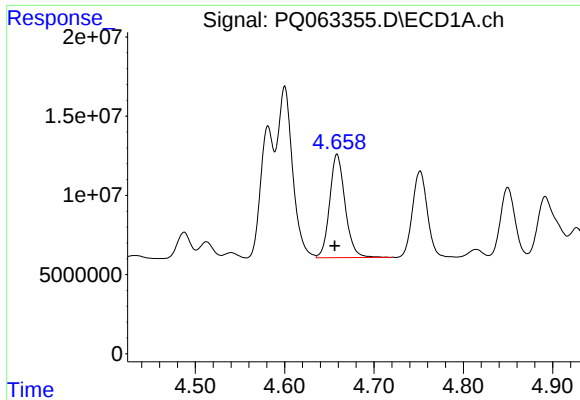
#4 AR-1016-2

R.T.: 4.600 min
Delta R.T.: 0.003 min
Response: 128104932
Conc: 548.30 ng/ml



#4 AR-1016-2

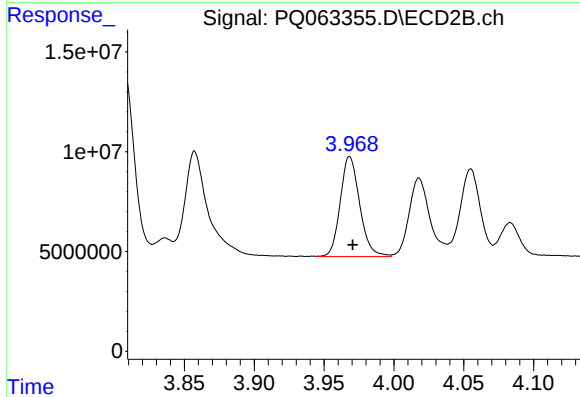
R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 87965993
Conc: 494.86 ng/ml



#5 AR-1016-3

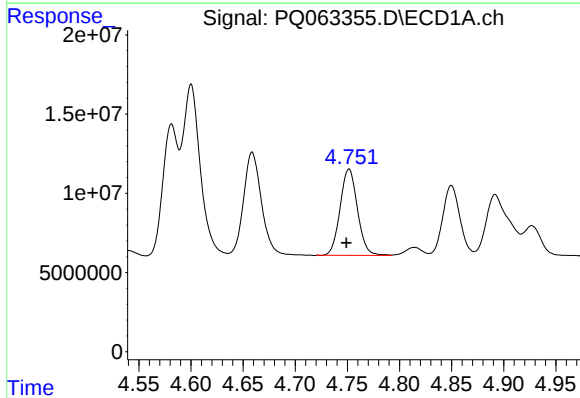
R.T.: 4.659 min
Delta R.T.: 0.003 min
Response: 78444110
Conc: 545.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



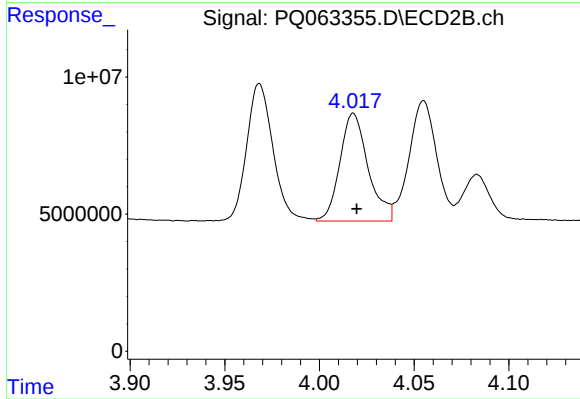
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 48492995
Conc: 502.56 ng/ml



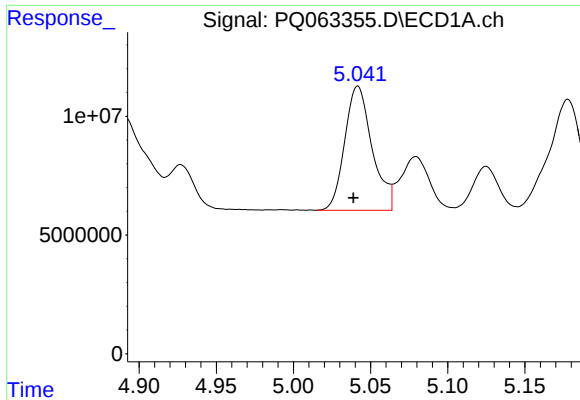
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 63327723
Conc: 555.18 ng/ml



#6 AR-1016-4

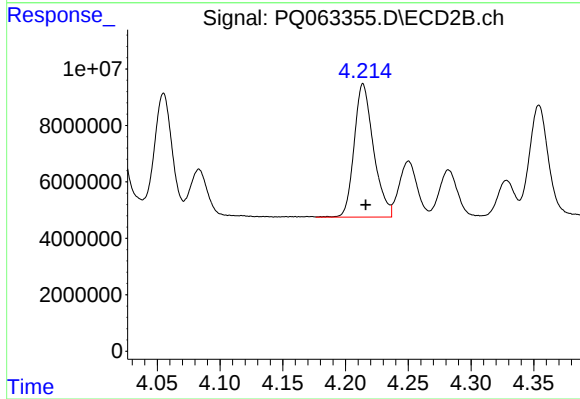
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 40829723
Conc: 503.68 ng/ml



#7 AR-1016-5

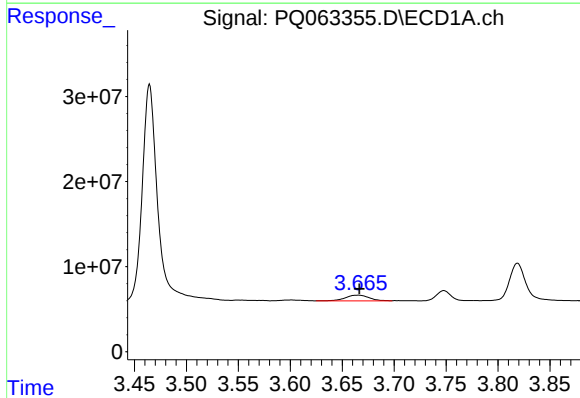
R.T.: 5.042 min
Delta R.T.: 0.003 min
Response: 64607533
Conc: 549.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



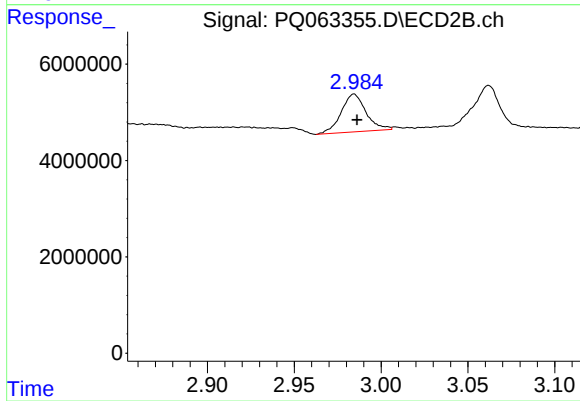
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 50695025
Conc: 503.60 ng/ml



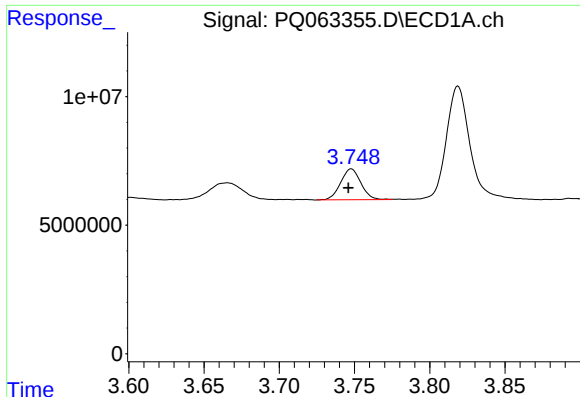
#8 AR-1221-1

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 10381294
Conc: 181.45 ng/ml



#8 AR-1221-1

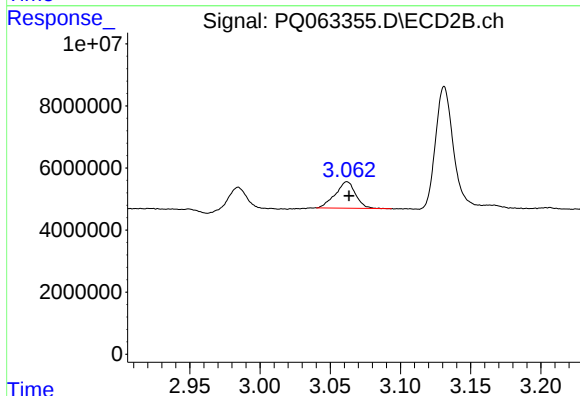
R.T.: 2.985 min
Delta R.T.: -0.002 min
Response: 7816500
Conc: 168.06 ng/ml



#9 AR-1221-2

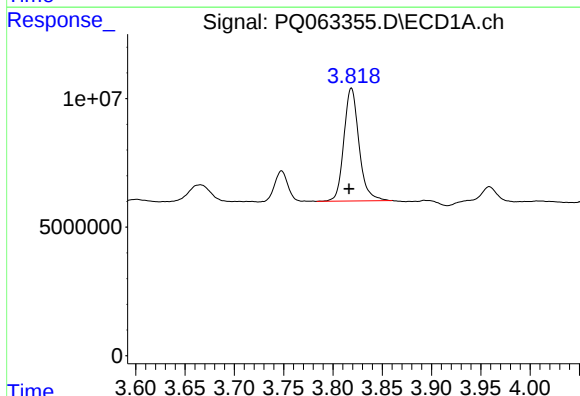
R.T.: 3.748 min
Delta R.T.: 0.002 min
Response: 11243459
Conc: 297.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



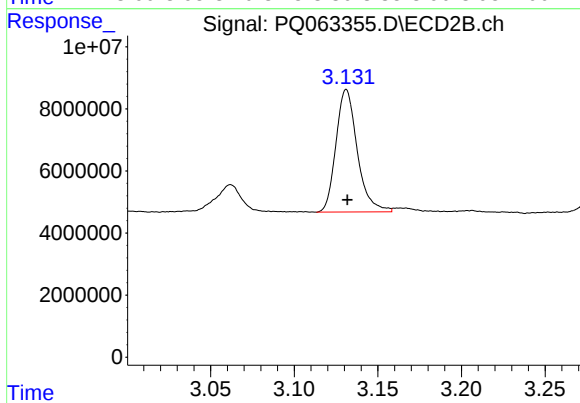
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 8521961
Conc: 275.57 ng/ml



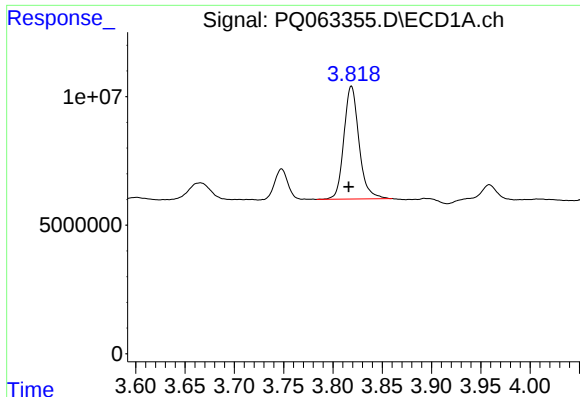
#10 AR-1221-3

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 46783130
Conc: 370.66 ng/ml



#10 AR-1221-3

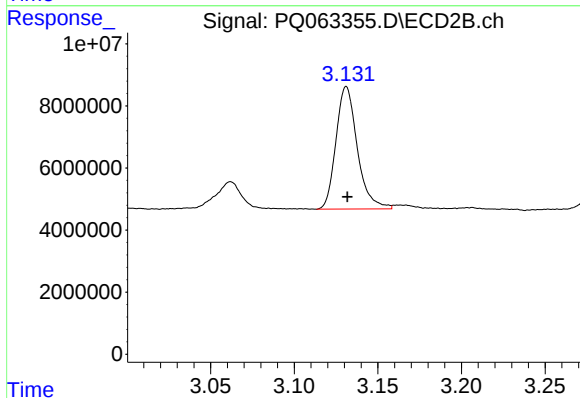
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 35073028
Conc: 329.19 ng/ml



#11 AR-1232-1

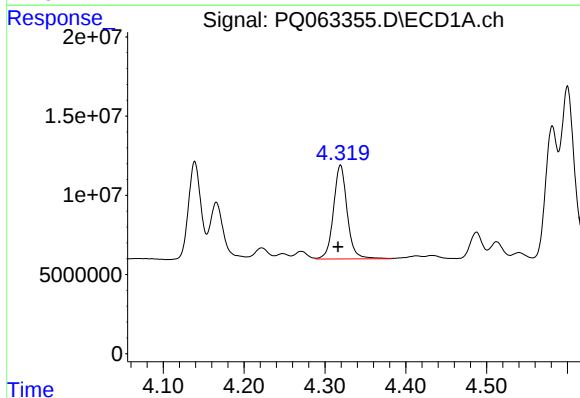
R.T.: 3.819 min
Delta R.T.: 0.003 min
Response: 46783130
Conc: 449.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



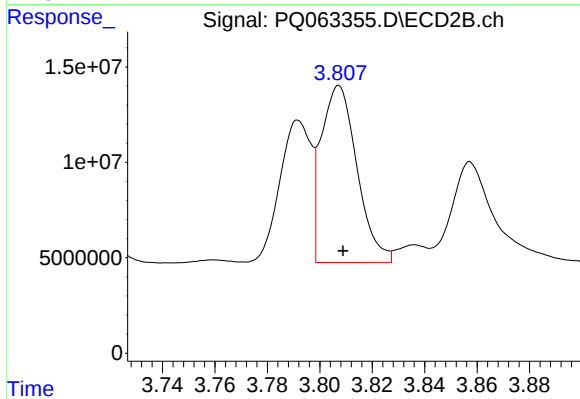
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 35073028
Conc: 403.38 ng/ml



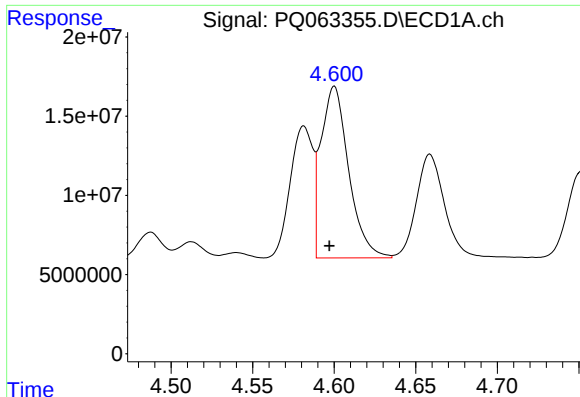
#12 AR-1232-2

R.T.: 4.319 min
Delta R.T.: 0.003 min
Response: 70100947
Conc: 1102.09 ng/ml



#12 AR-1232-2

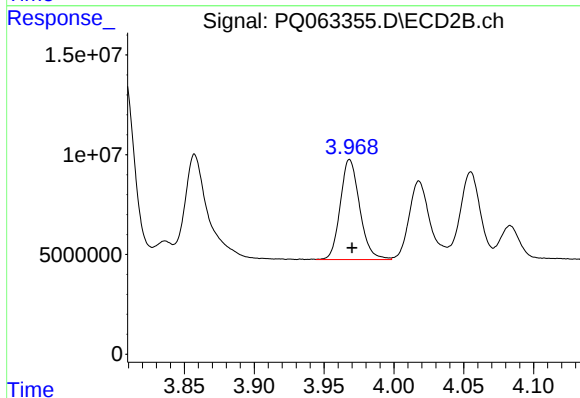
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 87965993
Conc: 1087.76 ng/ml



#13 AR-1232-3

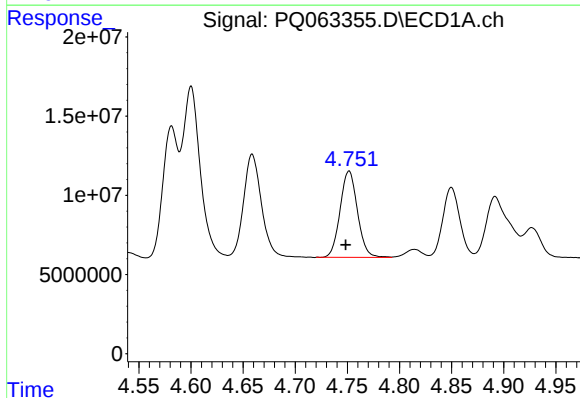
R.T.: 4.600 min
Delta R.T.: 0.003 min
Response: 128104932
Conc: 1222.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



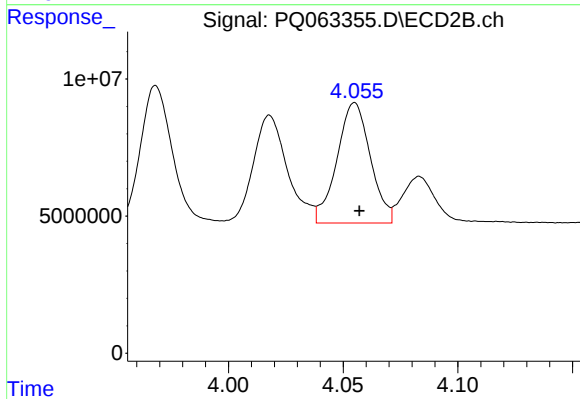
#13 AR-1232-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 48492995
Conc: 1143.17 ng/ml



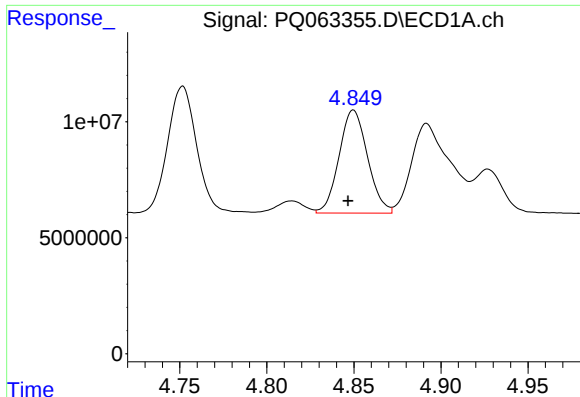
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 63327723
Conc: 1274.35 ng/ml



#14 AR-1232-4

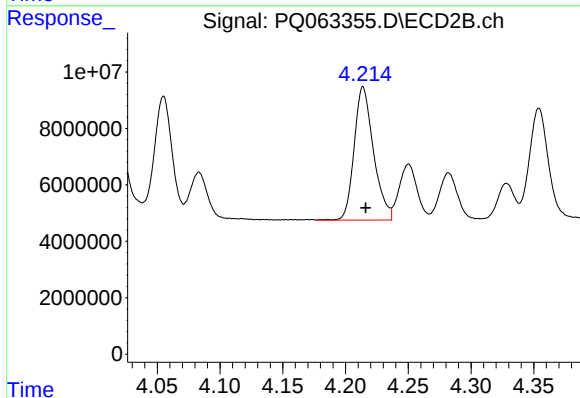
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 44527584
Conc: 1214.36 ng/ml



#15 AR-1232-5

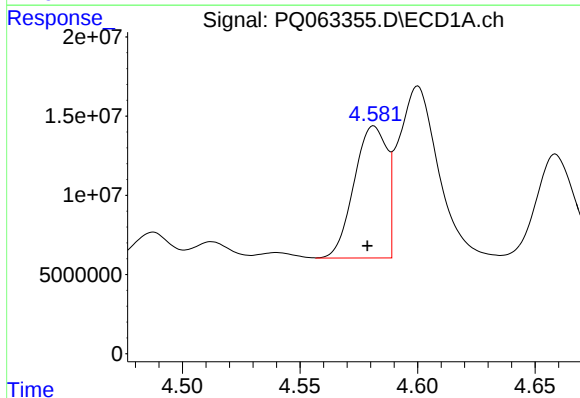
R.T.: 4.850 min
Delta R.T.: 0.003 min
Response: 50577866
Conc: 1331.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



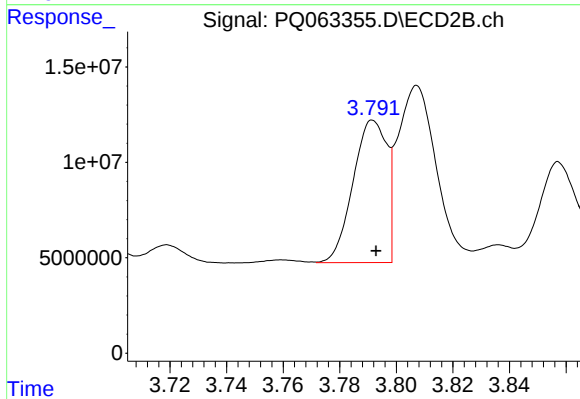
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 50695025
Conc: 1175.18 ng/ml



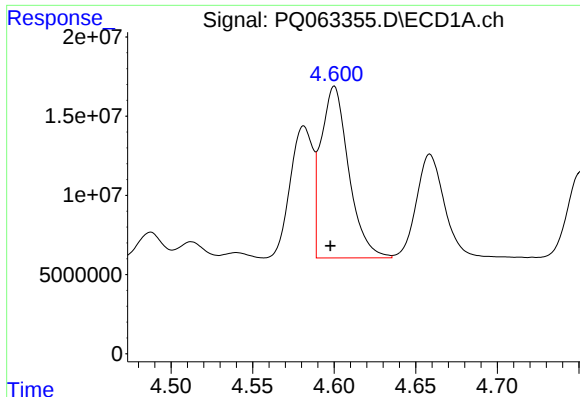
#16 AR-1242-1

R.T.: 4.581 min
Delta R.T.: 0.003 min
Response: 80847348
Conc: 613.07 ng/ml



#16 AR-1242-1

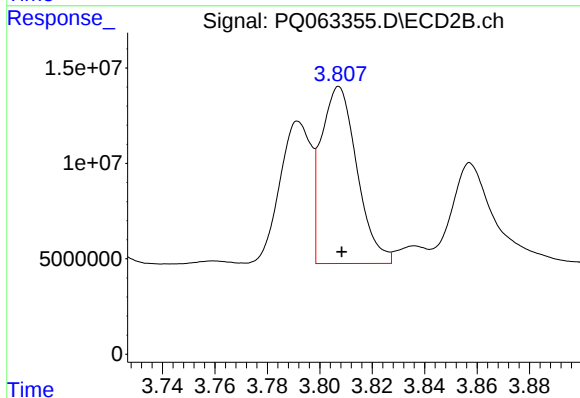
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 61718606
Conc: 565.62 ng/ml



#17 AR-1242-2

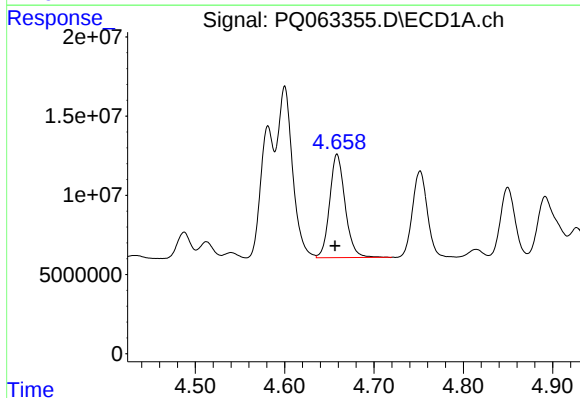
R.T.: 4.600 min
Delta R.T.: 0.002 min
Response: 128104932
Conc: 619.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



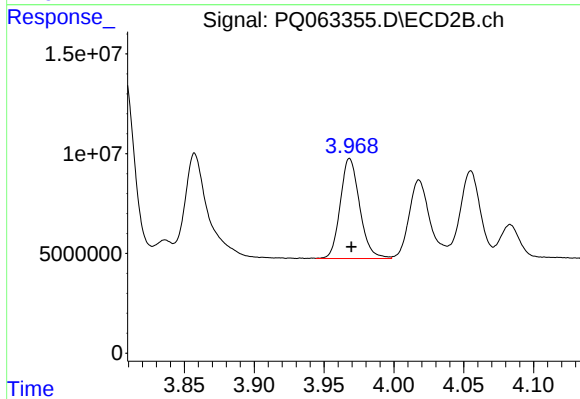
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 87965993
Conc: 565.99 ng/ml



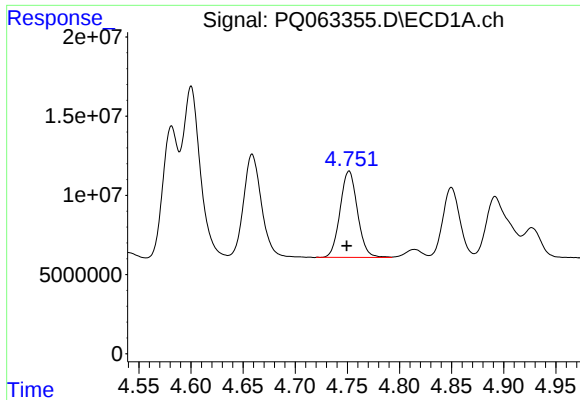
#18 AR-1242-3

R.T.: 4.659 min
Delta R.T.: 0.002 min
Response: 78444110
Conc: 618.77 ng/ml



#18 AR-1242-3

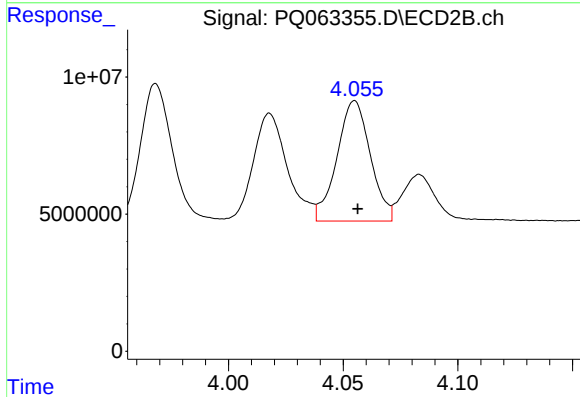
R.T.: 3.968 min
Delta R.T.: -0.001 min
Response: 48492995
Conc: 578.14 ng/ml



#19 AR-1242-4

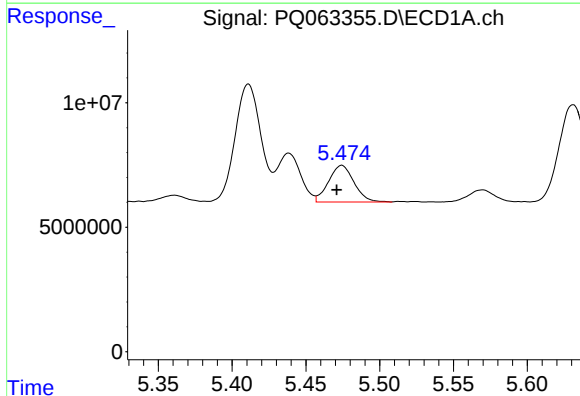
R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 63327723
Conc: 613.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



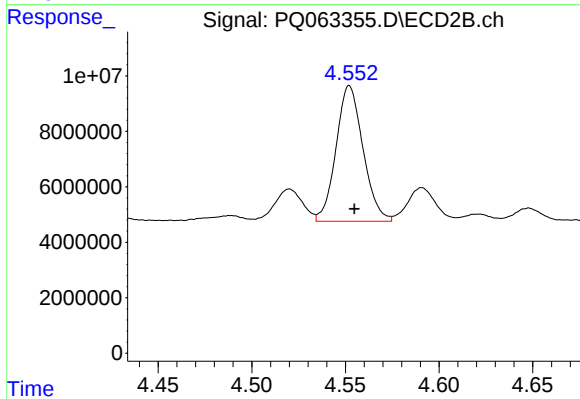
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 44527584
Conc: 555.65 ng/ml



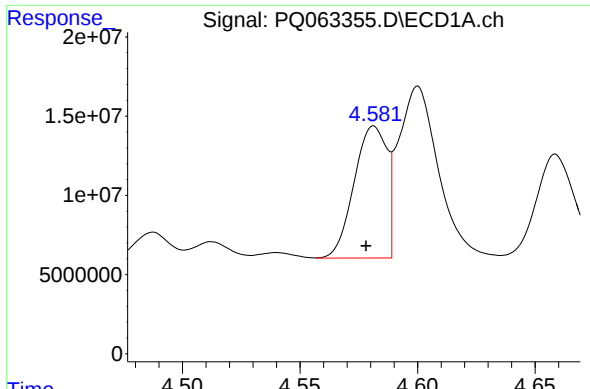
#20 AR-1242-5

R.T.: 5.474 min
Delta R.T.: 0.003 min
Response: 17653462
Conc: 161.43 ng/ml



#20 AR-1242-5

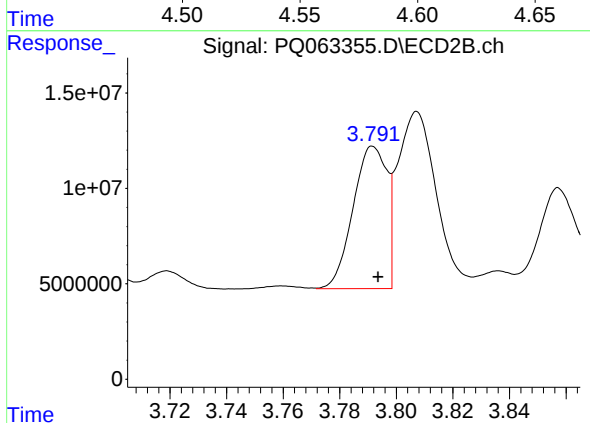
R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 49040595
Conc: 468.60 ng/ml



#21 AR-1248-1

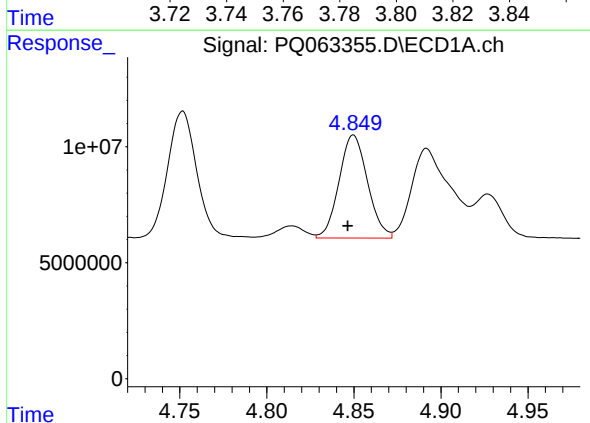
R.T.: 4.581 min
Delta R.T.: 0.003 min
Response: 80847348
Conc: 822.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



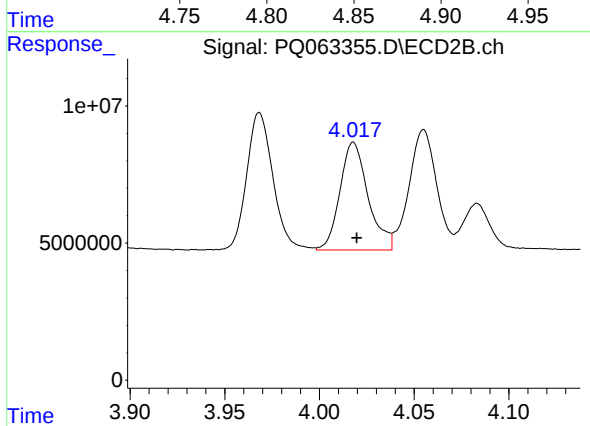
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 61718606
Conc: 769.12 ng/ml



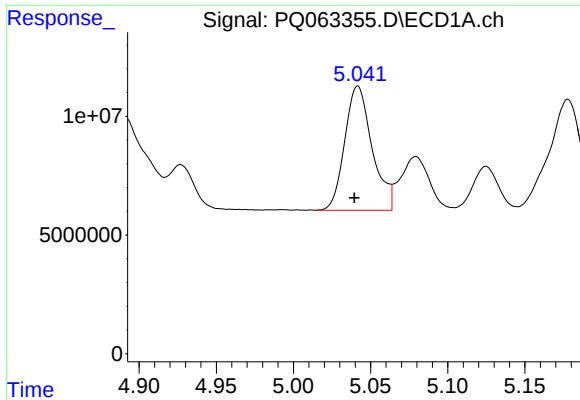
#22 AR-1248-2

R.T.: 4.850 min
Delta R.T.: 0.003 min
Response: 50577866
Conc: 353.64 ng/ml



#22 AR-1248-2

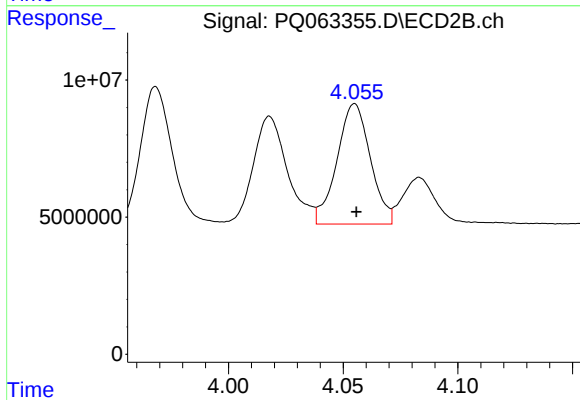
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 40829723
Conc: 341.02 ng/ml



#23 AR-1248-3

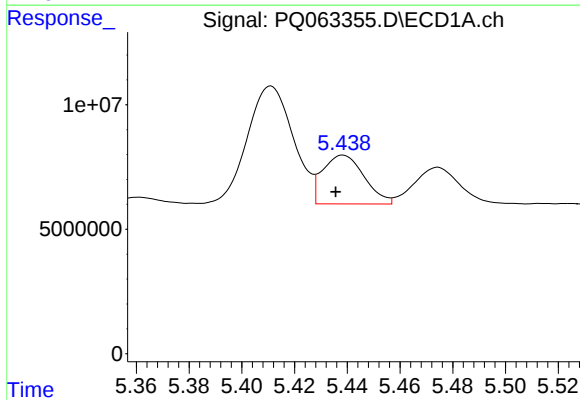
R.T.: 5.042 min
Delta R.T.: 0.002 min
Response: 64607533
Conc: 375.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



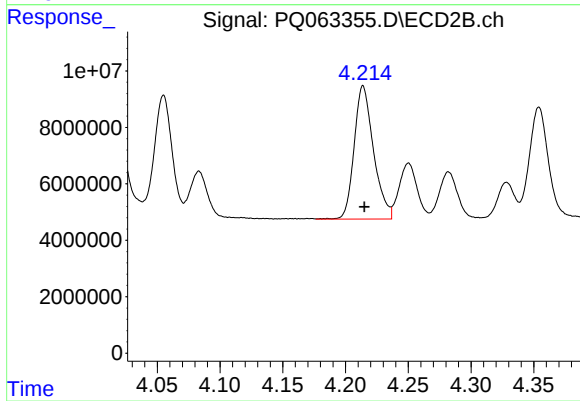
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 44527584
Conc: 388.38 ng/ml



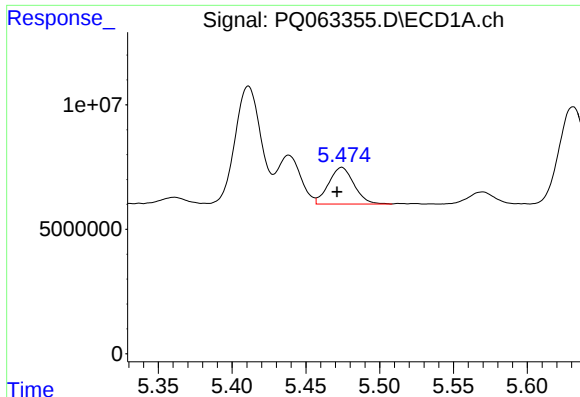
#24 AR-1248-4

R.T.: 5.438 min
Delta R.T.: 0.003 min
Response: 21398080
Conc: 111.92 ng/ml



#24 AR-1248-4

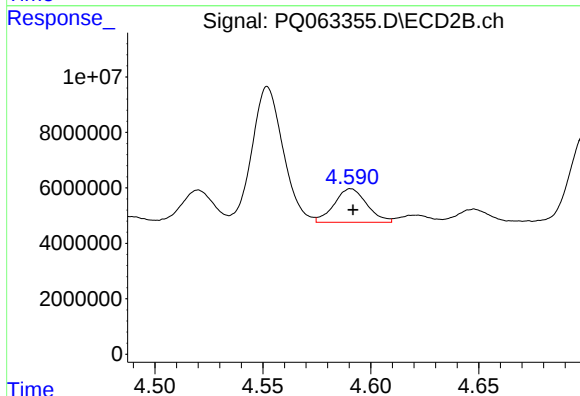
R.T.: 4.214 min
Delta R.T.: -0.001 min
Response: 50695025
Conc: 359.53 ng/ml



#25 AR-1248-5

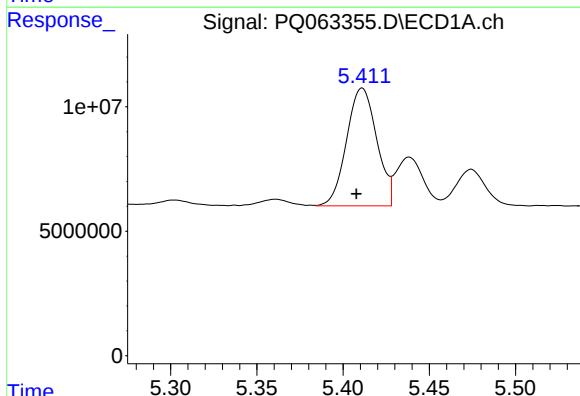
R.T.: 5.474 min
Delta R.T.: 0.003 min
Response: 17653462
Conc: 94.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



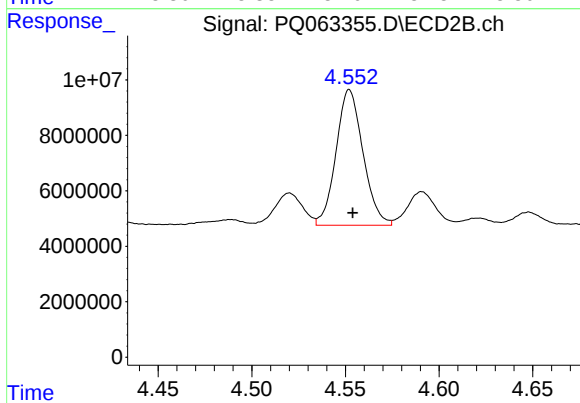
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 12743530
Conc: 92.22 ng/ml



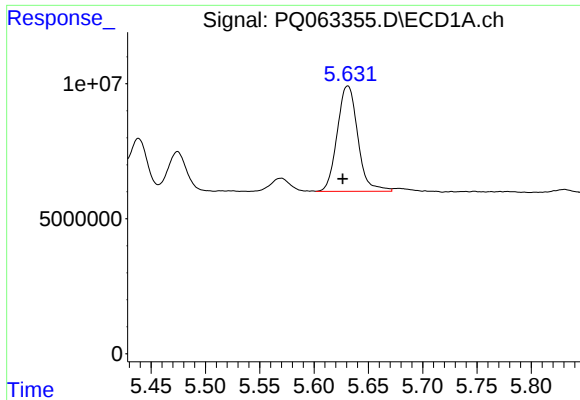
#26 AR-1254-1

R.T.: 5.411 min
Delta R.T.: 0.003 min
Response: 57585138
Conc: 286.34 ng/ml



#26 AR-1254-1

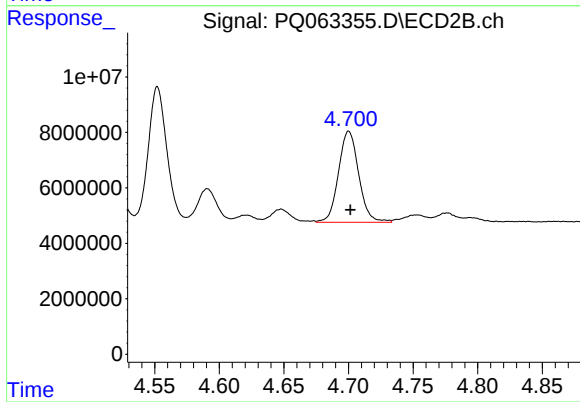
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 49040595
Conc: 232.58 ng/ml



#27 AR-1254-2

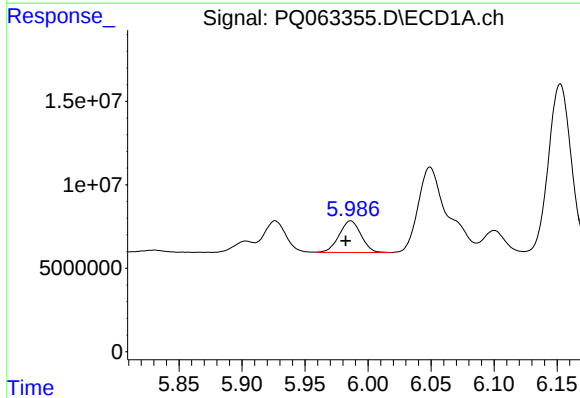
R.T.: 5.631 min
Delta R.T.: 0.005 min
Response: 51469137
Conc: 168.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



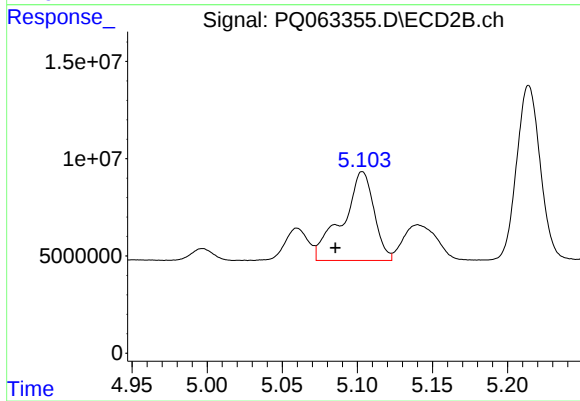
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.001 min
Response: 35755640
Conc: 193.19 ng/ml



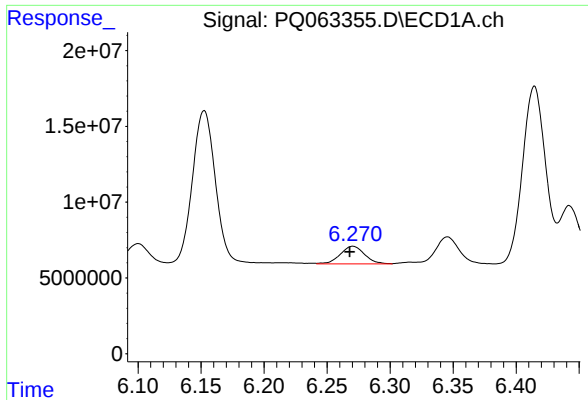
#28 AR-1254-3

R.T.: 5.986 min
Delta R.T.: 0.004 min
Response: 22889719
Conc: 69.78 ng/ml



#28 AR-1254-3

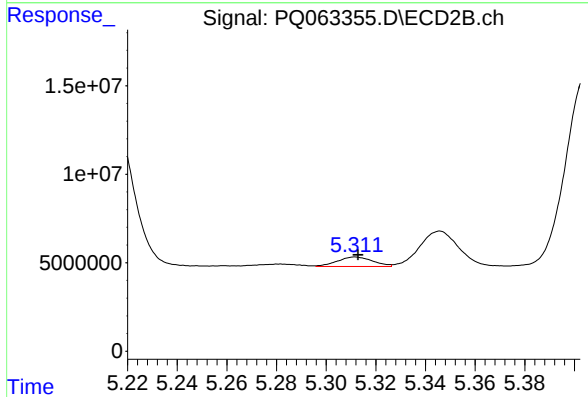
R.T.: 5.103 min
Delta R.T.: 0.018 min
Response: 66513992
Conc: 232.46 ng/ml



#29 AR-1254-4

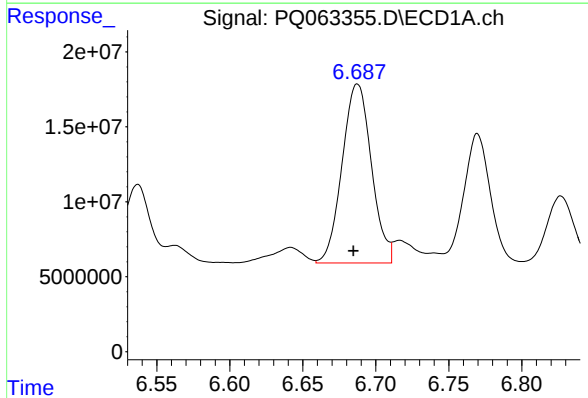
R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 15515630
Conc: 64.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



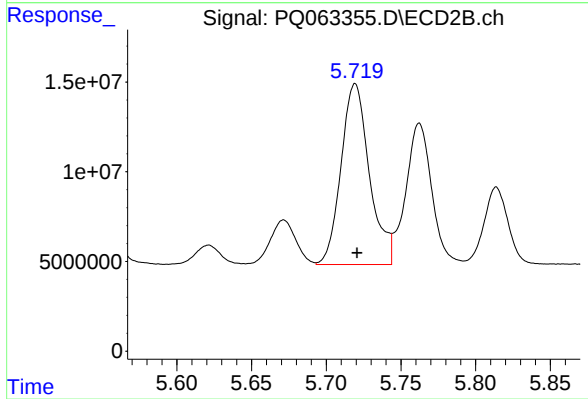
#29 AR-1254-4

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 5381529
Conc: 29.07 ng/ml



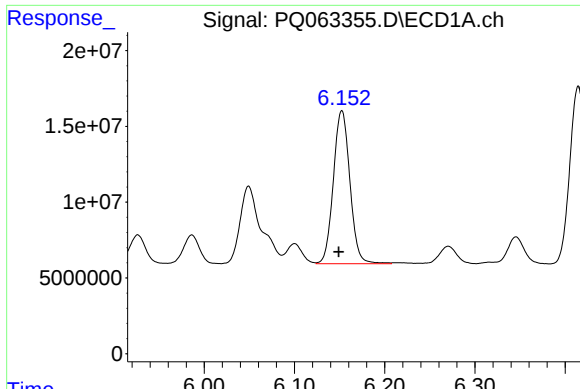
#30 AR-1254-5

R.T.: 6.687 min
Delta R.T.: 0.003 min
Response: 166819383
Conc: 649.58 ng/ml



#30 AR-1254-5

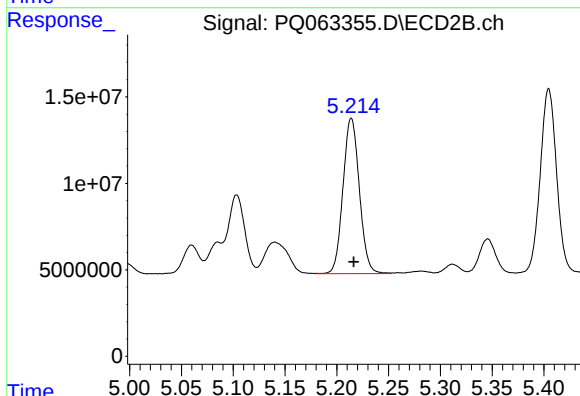
R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 133347585
Conc: 516.12 ng/ml



#31 AR-1260-1

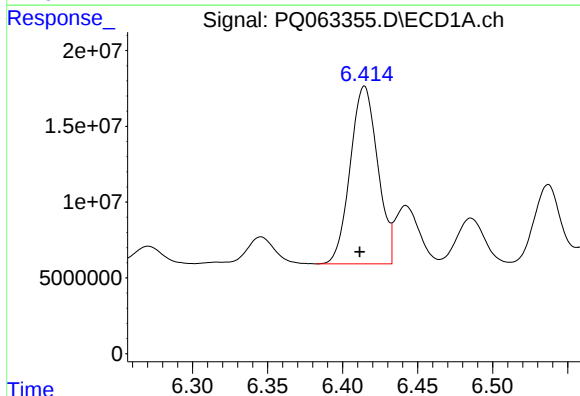
R.T.: 6.153 min
Delta R.T.: 0.004 min
Response: 128924174
Conc: 535.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



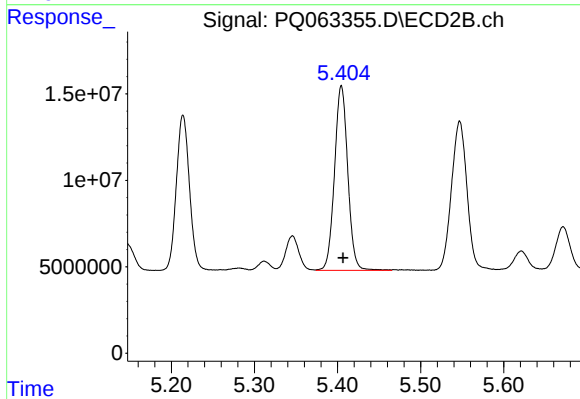
#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 98843484
Conc: 489.51 ng/ml



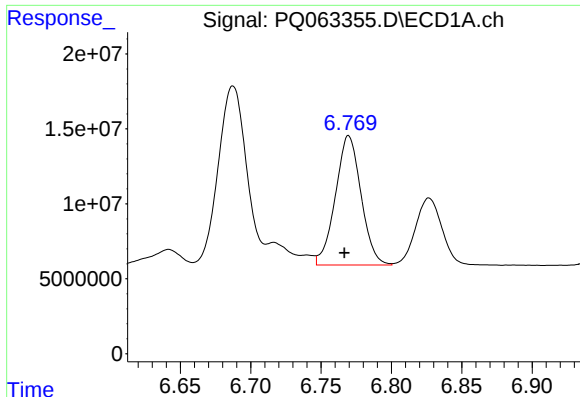
#32 AR-1260-2

R.T.: 6.415 min
Delta R.T.: 0.003 min
Response: 149290741
Conc: 526.92 ng/ml



#32 AR-1260-2

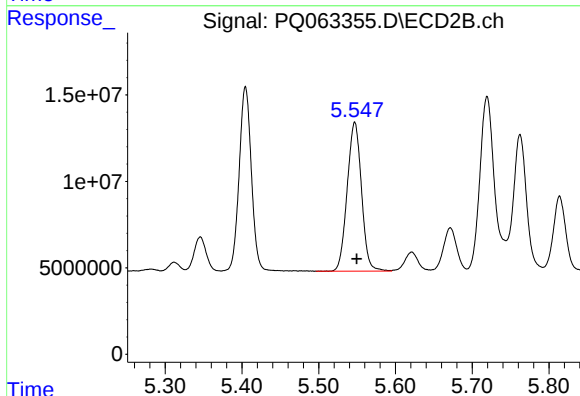
R.T.: 5.405 min
Delta R.T.: -0.002 min
Response: 118588449
Conc: 484.64 ng/ml



#33 AR-1260-3

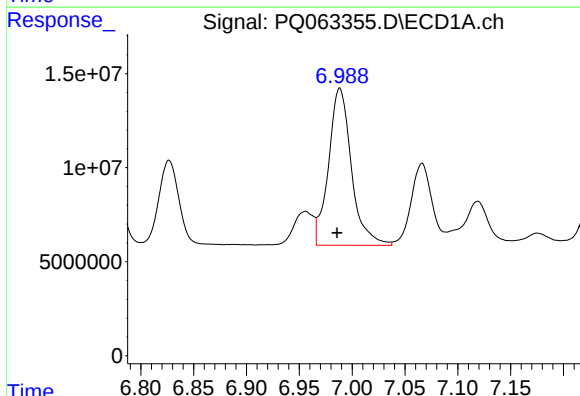
R.T.: 6.770 min
Delta R.T.: 0.003 min
Response: 109446638
Conc: 538.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



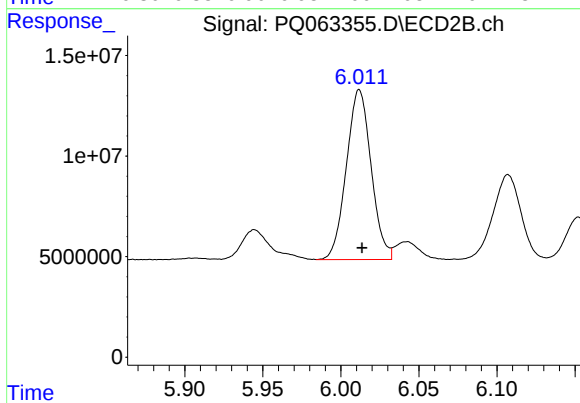
#33 AR-1260-3

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 111661608
Conc: 472.19 ng/ml



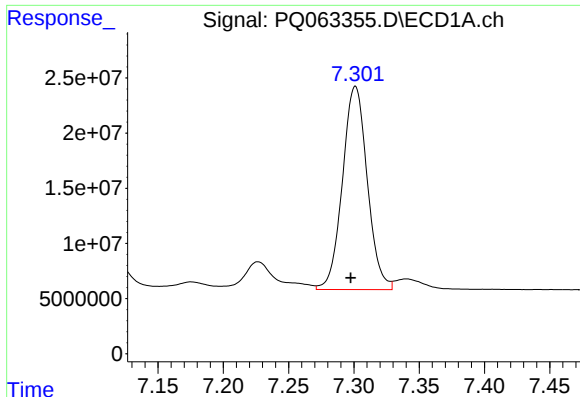
#34 AR-1260-4

R.T.: 6.988 min
Delta R.T.: 0.003 min
Response: 125790420
Conc: 527.69 ng/ml



#34 AR-1260-4

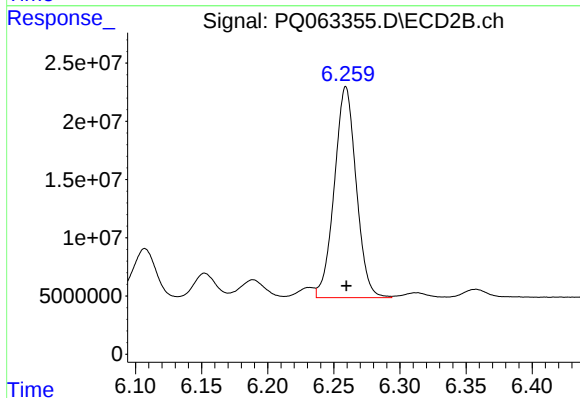
R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 93269970
Conc: 488.52 ng/ml



#35 AR-1260-5

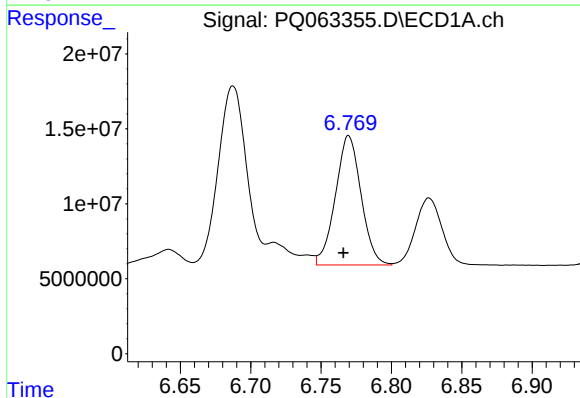
R.T.: 7.301 min
Delta R.T.: 0.004 min
Response: 244145974
Conc: 545.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



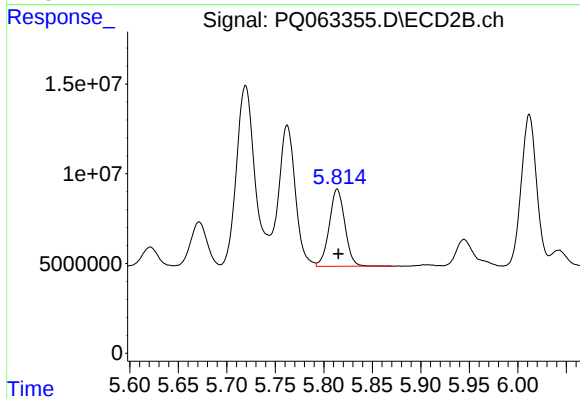
#35 AR-1260-5

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 208612718
Conc: 476.36 ng/ml



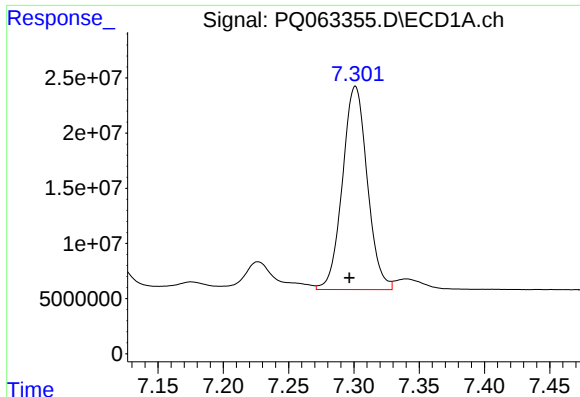
#36 AR-1262-1

R.T.: 6.770 min
Delta R.T.: 0.004 min
Response: 109446638
Conc: 351.53 ng/ml



#36 AR-1262-1

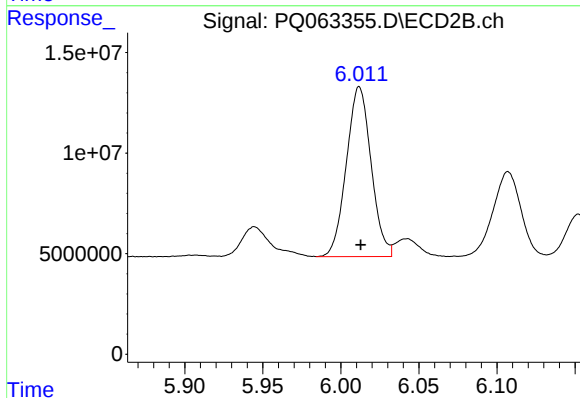
R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 48053712
Conc: 456.76 ng/ml



#37 AR-1262-2

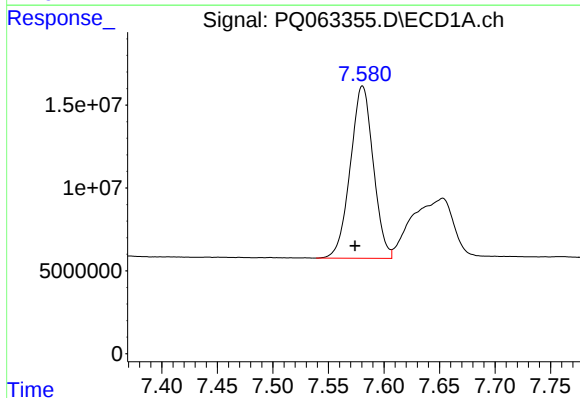
R.T.: 7.301 min
Delta R.T.: 0.004 min
Response: 244145974
Conc: 470.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



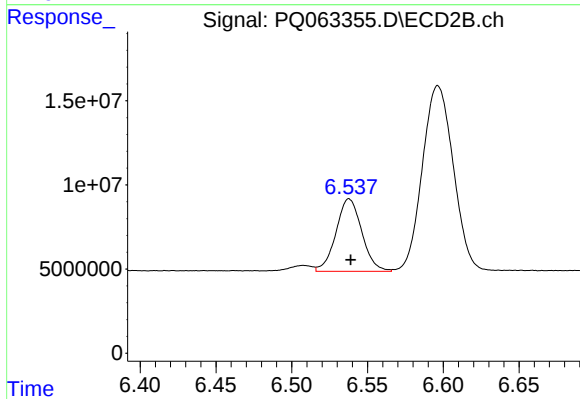
#37 AR-1262-2

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 93269970
Conc: 401.72 ng/ml



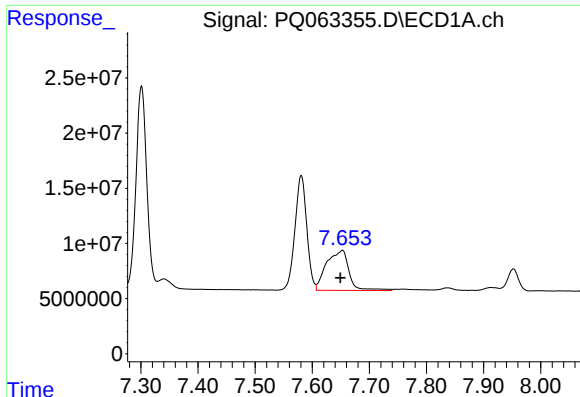
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: 0.007 min
Response: 149368792
Conc: 431.47 ng/ml



#38 AR-1262-3

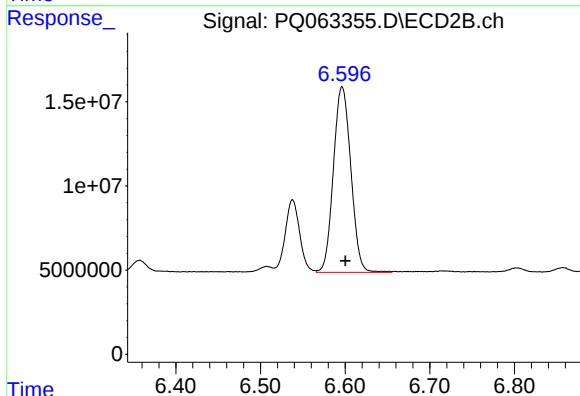
R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 51298037
Conc: 267.07 ng/ml



#39 AR-1262-4

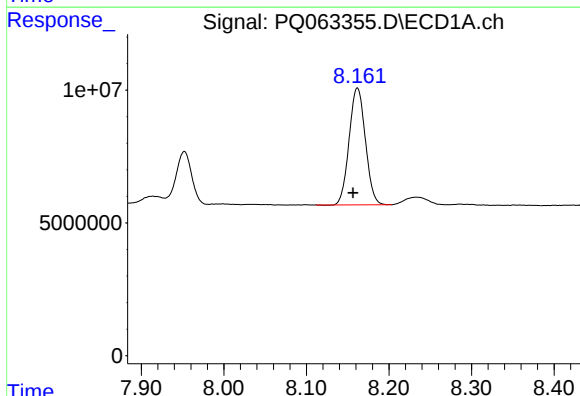
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 99428699
Conc: 365.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



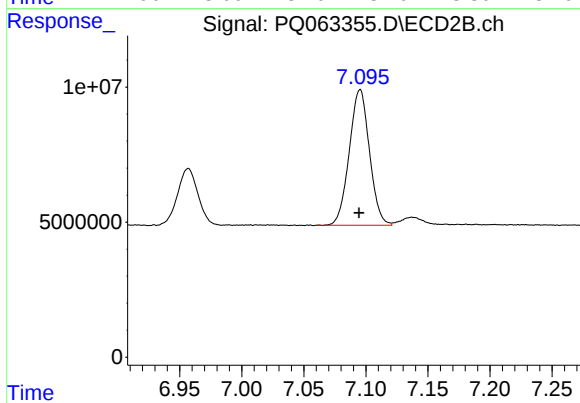
#39 AR-1262-4

R.T.: 6.596 min
Delta R.T.: -0.004 min
Response: 158156517
Conc: 452.27 ng/ml



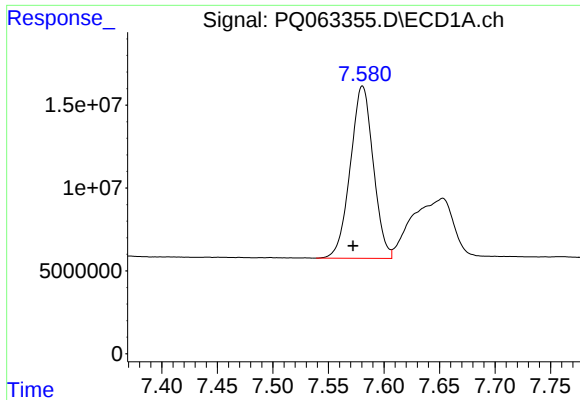
#40 AR-1262-5

R.T.: 8.162 min
Delta R.T.: 0.005 min
Response: 60180670
Conc: 350.87 ng/ml



#40 AR-1262-5

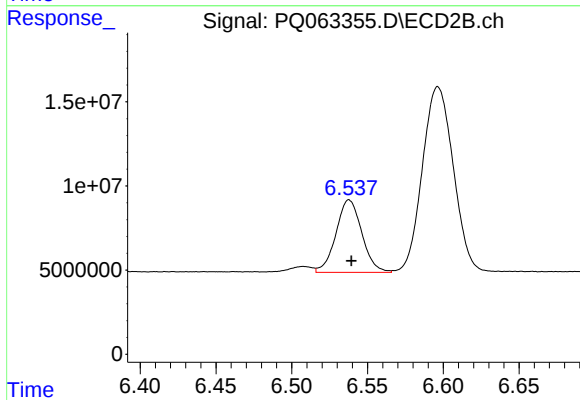
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 56936439
Conc: 343.73 ng/ml



#41 AR-1268-1

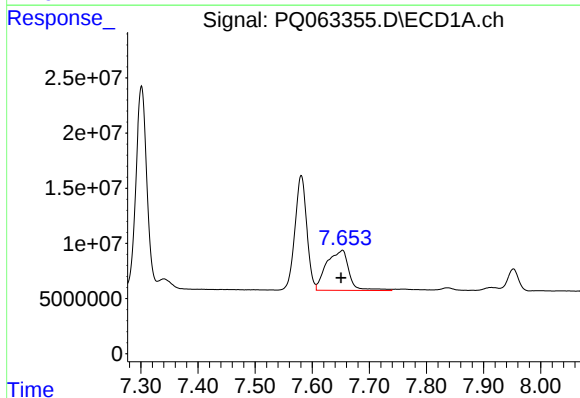
R.T.: 7.581 min
Delta R.T.: 0.009 min
Response: 149368792
Conc: 241.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



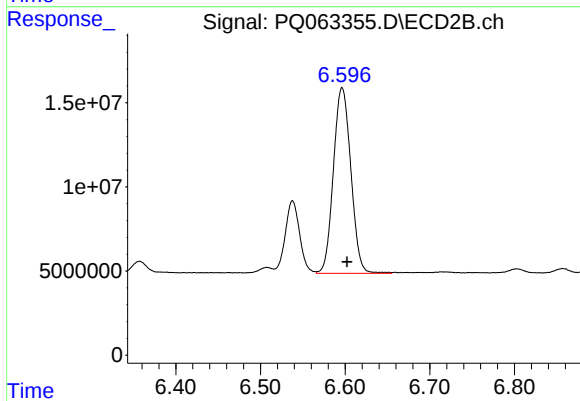
#41 AR-1268-1

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 51298037
Conc: 91.49 ng/ml



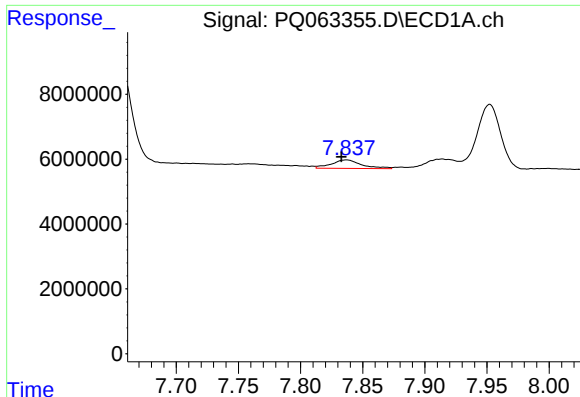
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.002 min
Response: 99428699
Conc: 173.66 ng/ml



#42 AR-1268-2

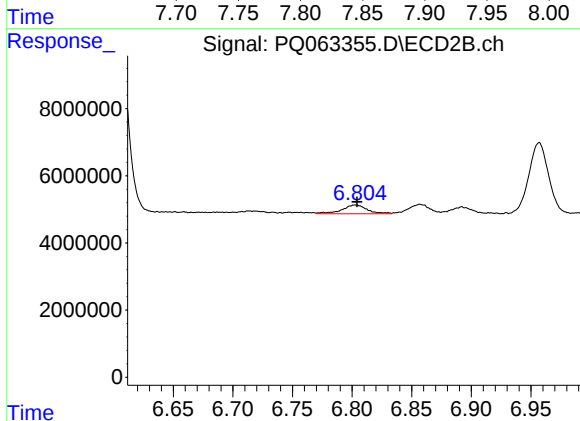
R.T.: 6.596 min
Delta R.T.: -0.006 min
Response: 158156517
Conc: 317.97 ng/ml



#43 AR-1268-3

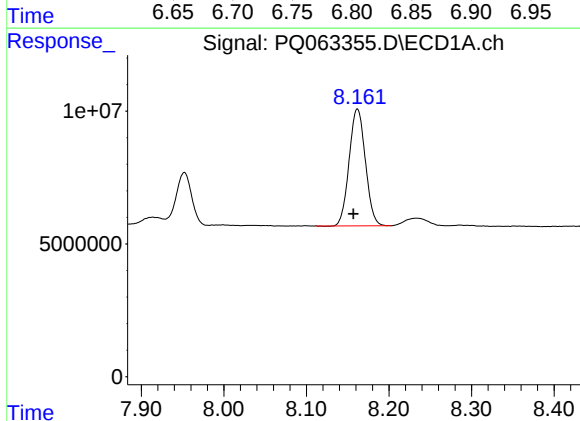
R.T.: 7.837 min
Delta R.T.: 0.004 min
Response: 4455701
Conc: 9.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



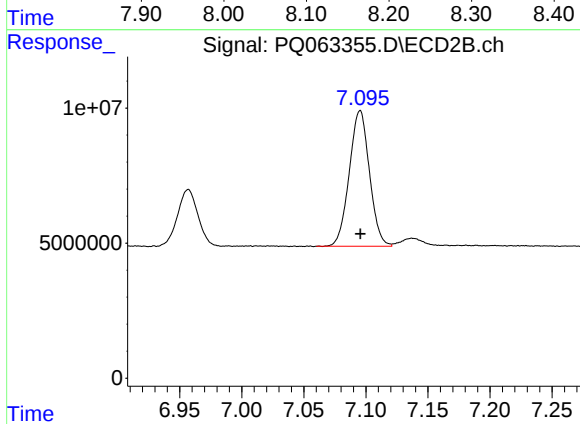
#43 AR-1268-3

R.T.: 6.803 min
Delta R.T.: -0.001 min
Response: 3929203
Conc: 9.22 ng/ml



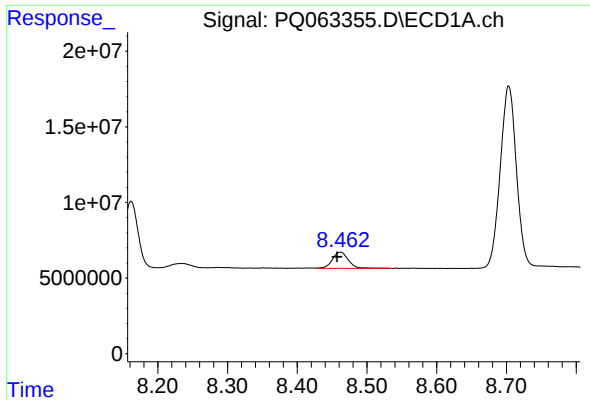
#44 AR-1268-4

R.T.: 8.162 min
Delta R.T.: 0.005 min
Response: 60180670
Conc: 312.82 ng/ml



#44 AR-1268-4

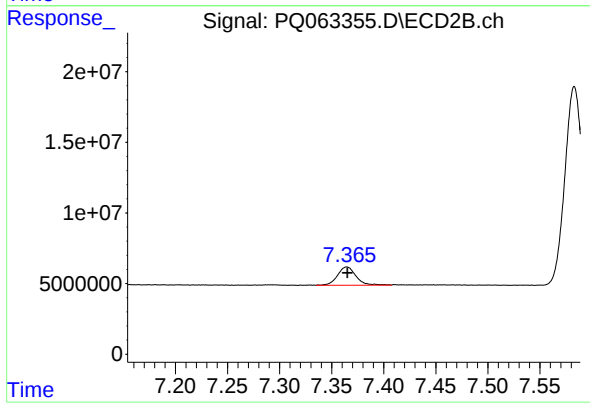
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 56936439
Conc: 307.48 ng/ml



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: 0.005 min
Response: 17104845
Conc: 11.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 15988521
Conc: 12.16 ng/ml