

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
 Data File : PQ063451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 14:46
 Operator : YP\AJ
 Sample : PB155924BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 16:38:18 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...	3.462	2.780	108.8E6	75822812	23.223	21.940
2)	SA Decachlor...	8.696	7.580	85758317	83078379	24.541	23.111
Target Compounds							
3)	L1 AR-1016-1	4.578	3.792	78587099	60819628	540.505	488.266
4)	L1 AR-1016-2	4.597	3.807	120.3E6	88492333	514.929	497.822
5)	L1 AR-1016-3	4.655	3.969	73414490	47027936	510.900	487.377
6)	L1 AR-1016-4	4.748	4.018	60212178	41214585	527.865	508.429
7)	L1 AR-1016-5	5.038	4.214	60738119	49885863	516.884	495.566
8)	L2 AR-1221-1	3.663	2.984	7760705	5845974	135.648	125.695
9)	L2 AR-1221-2	3.745	3.062	9372900	6919484	247.928	223.751
10)	L2 AR-1221-3	3.816	3.131	41676613	33782919	330.204	317.079
11)	L3 AR-1232-1	3.816	3.131	41676613	33782919	400.215	388.540
12)	L3 AR-1232-2	4.316	3.807	61912184	88492333	973.347	1094.273
13)	L3 AR-1232-3	4.597	3.969	120.3E6	47027936	1148.040	1108.637
14)	L3 AR-1232-4	4.748	4.055	60212178	44791514	1211.651	1221.553
15)	L3 AR-1232-5	4.847	4.214	49366017	49885863	1299.731	1156.427
16)	L4 AR-1242-1	4.578	3.792	78587099	60819628	595.926	557.381
17)	L4 AR-1242-2	4.597	3.807	120.3E6	88492333	581.392	569.375
18)	L4 AR-1242-3	4.655	3.969	73414490	47027936	579.092	560.676
19)	L4 AR-1242-4	4.748	4.055	60212178	44791514	583.788	558.948
20)	L4 AR-1242-5	5.471	4.552	8056130	41438843	73.667	395.964 #
21)	L5 AR-1248-1	4.578	3.792	78587099	60819628	799.700	757.916
22)	L5 AR-1248-2	4.847	4.018	49366017	41214585	345.166	344.230
23)	L5 AR-1248-3	5.038	4.055	60738119	44791514	353.070	390.683
24)	L5 AR-1248-4	5.435	4.214	9347285	49885863	48.890	353.793 #
25)	L5 AR-1248-5	5.471	4.591	8056130	7274899	43.304	52.647
26)	L6 AR-1254-1	5.408	4.552	47018600	41438843	233.797	196.531
27)	L6 AR-1254-2	5.628	4.700	52807225	40247470	173.195	217.457 #
28)	L6 AR-1254-3	5.983	5.085	28195188	19484501	85.950	68.097
29)	L6 AR-1254-4	6.267	5.311	18432191	7943047	76.101	42.905 #
30)	L6 AR-1254-5	6.684	5.718	167.4E6	144.0E6	651.767	557.528
31)	L7 AR-1260-1	6.149	5.214	121.5E6	96607999	505.131	478.439
32)	L7 AR-1260-2	6.410	5.404	139.9E6	116.9E6	493.867	477.594
33)	L7 AR-1260-3	6.766	5.546	89024309	110.8E6	437.942	468.476
34)	L7 AR-1260-4	6.985	6.011	105.5E6	82419903	442.636	431.691
35)	L7 AR-1260-5	7.297	6.258	199.5E6	185.1E6	445.543	422.756
36)	L8 AR-1262-1	6.766	5.813	89024309	42826859	285.934	407.078 #
37)	L8 AR-1262-2	7.297	6.011	199.5E6	82419903	384.191	354.985
38)	L8 AR-1262-3	7.576	6.537	127.1E6	40908320	367.006	212.979 #
39)	L8 AR-1262-4	7.645	6.595	37171416	145.2E6	136.539	415.148 #
40)	L8 AR-1262-5	8.156	7.093	45431554	45716147	264.879	275.994
41)	L9 AR-1268-1	7.576	6.537	127.1E6	40908320	205.688	72.960 #

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 Sample : PB155924BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

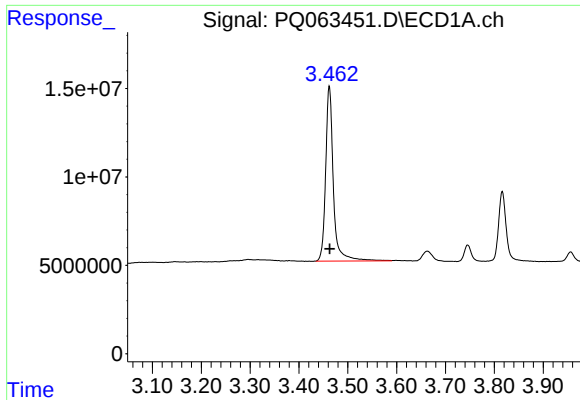
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 16:38:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
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 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	7.645	6.595	37171416	145.2E6	64.923	291.869 #
43) L9	AR-1268-3	7.831	6.802	4869489	3826130	9.985	8.975
44) L9	AR-1268-4	8.156	7.093	45431554	45716147	236.155	246.886
45) L9	AR-1268-5	8.455	7.362	15565860	15637101	10.899	11.892

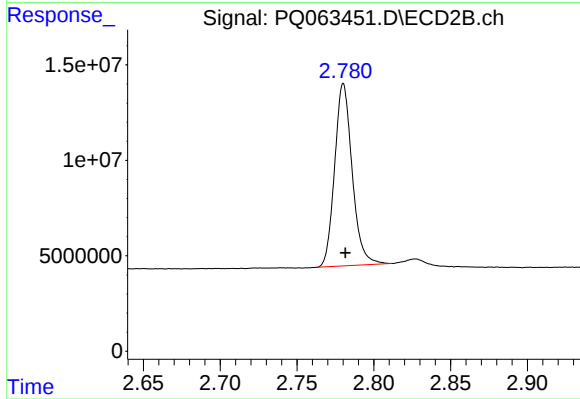
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

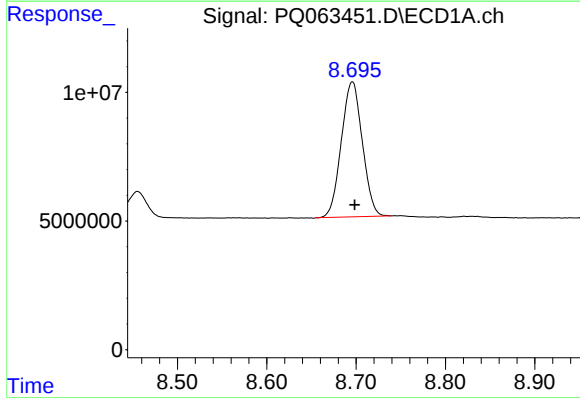
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 108764863
Conc: 23.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



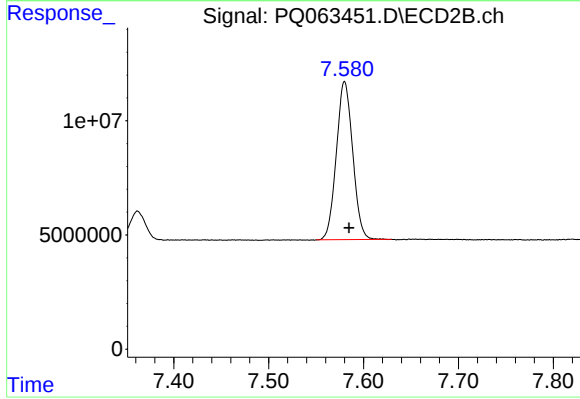
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.001 min
Response: 75822812
Conc: 21.94 ng/ml



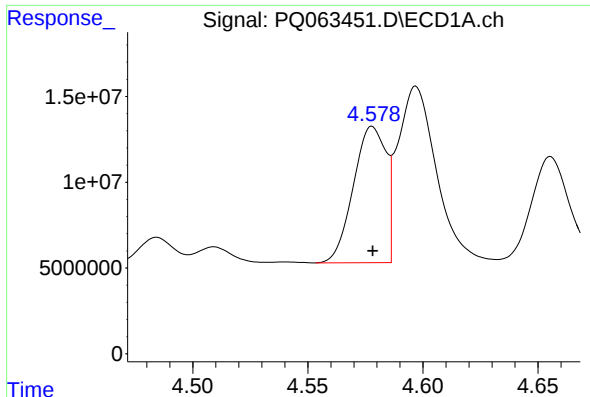
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 85758317
Conc: 24.54 ng/ml



#2 Decachlorobiphenyl

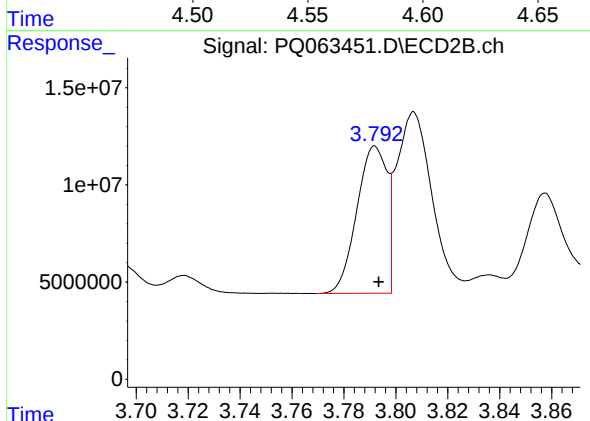
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 83078379
Conc: 23.11 ng/ml



#3 AR-1016-1

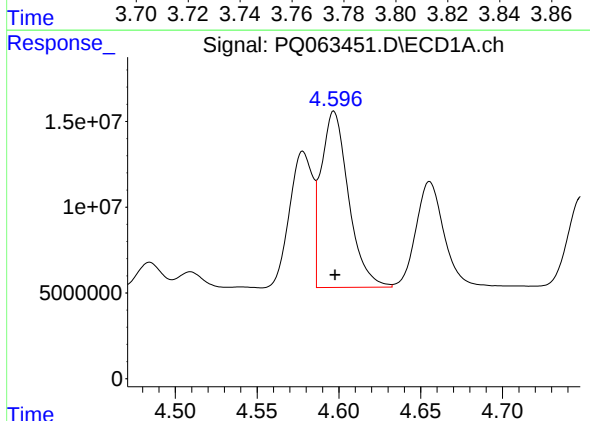
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 78587099
Conc: 540.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



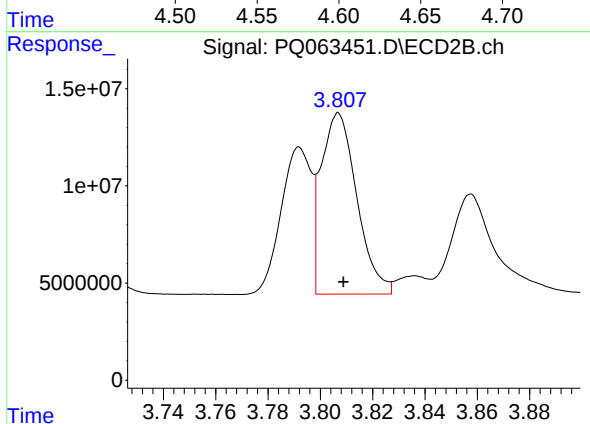
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 60819628
Conc: 488.27 ng/ml



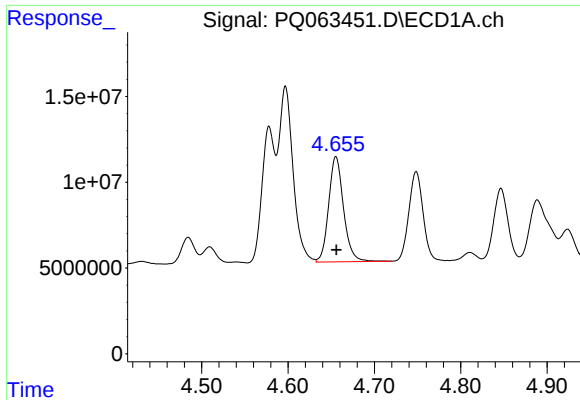
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 120308339
Conc: 514.93 ng/ml



#4 AR-1016-2

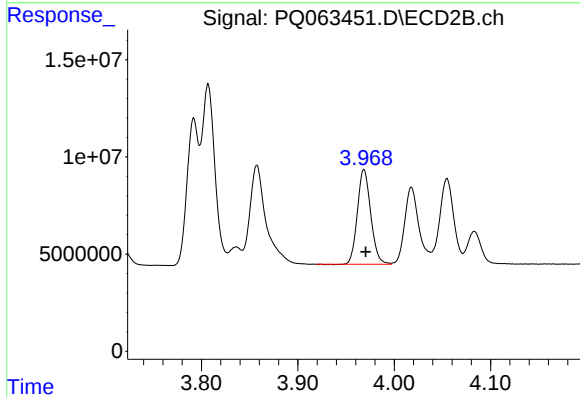
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 88492333
Conc: 497.82 ng/ml



#5 AR-1016-3

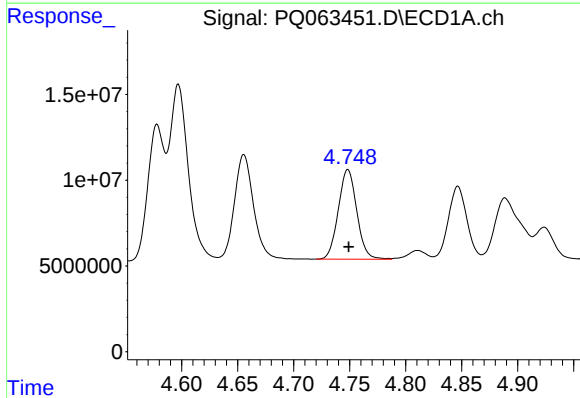
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 73414490
Conc: 510.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



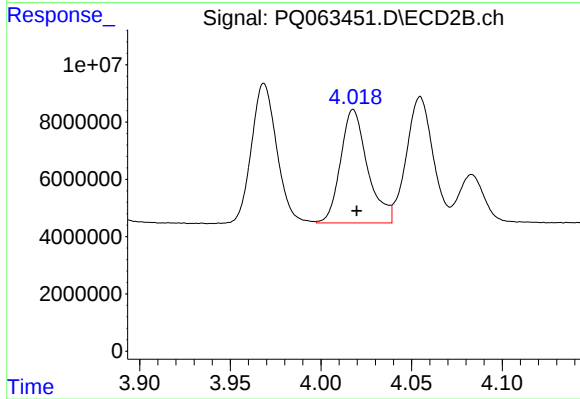
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 47027936
Conc: 487.38 ng/ml



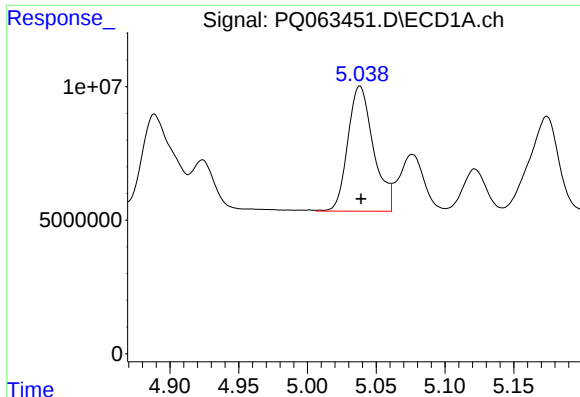
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 60212178
Conc: 527.86 ng/ml



#6 AR-1016-4

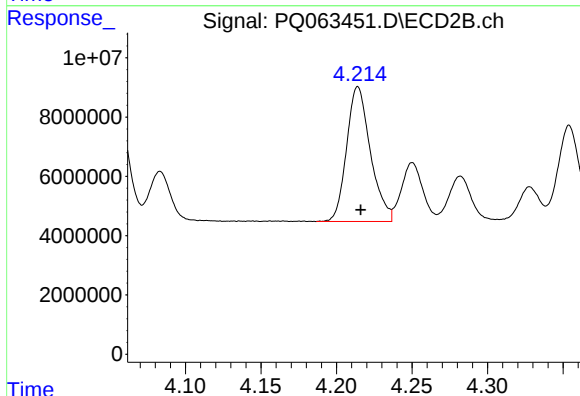
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 41214585
Conc: 508.43 ng/ml



#7 AR-1016-5

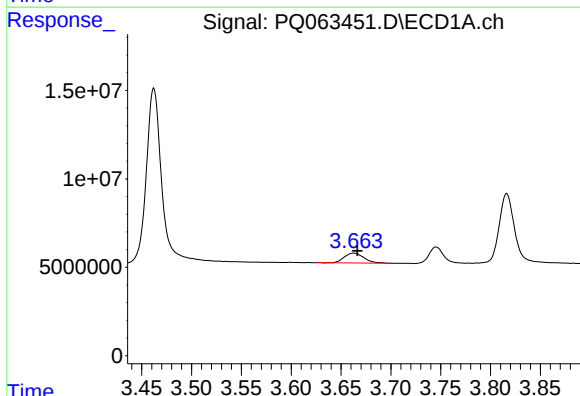
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 60738119
Conc: 516.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



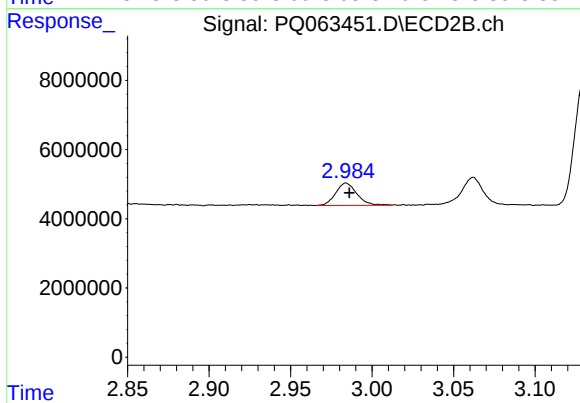
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 49885863
Conc: 495.57 ng/ml



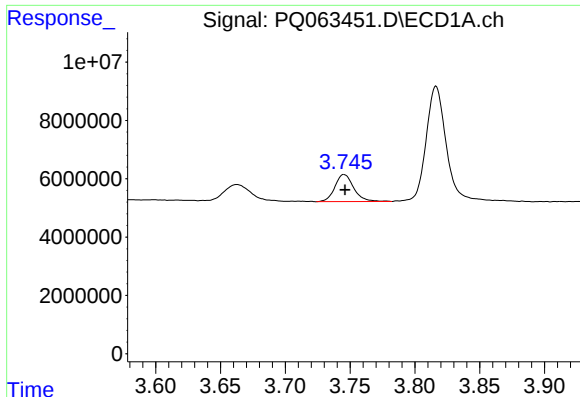
#8 AR-1221-1

R.T.: 3.663 min
Delta R.T.: -0.004 min
Response: 7760705
Conc: 135.65 ng/ml



#8 AR-1221-1

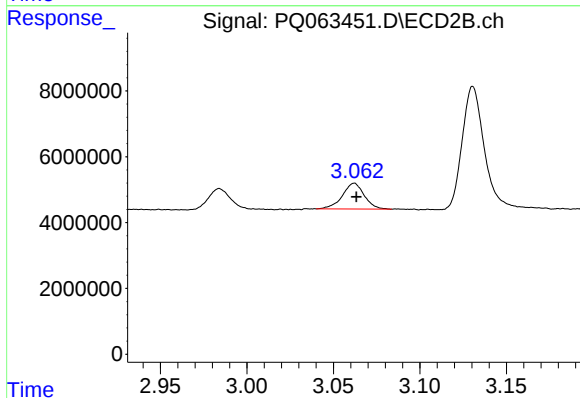
R.T.: 2.984 min
Delta R.T.: -0.002 min
Response: 5845974
Conc: 125.69 ng/ml



#9 AR-1221-2

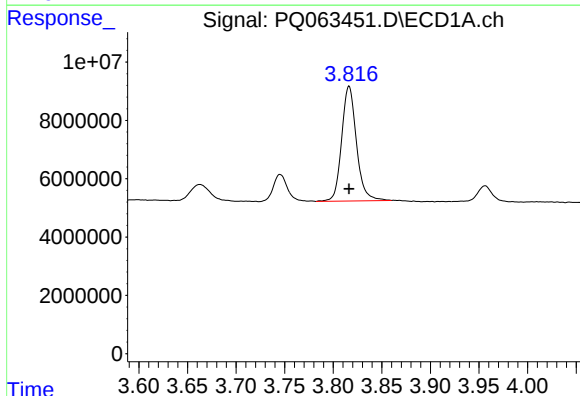
R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 9372900
Conc: 247.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



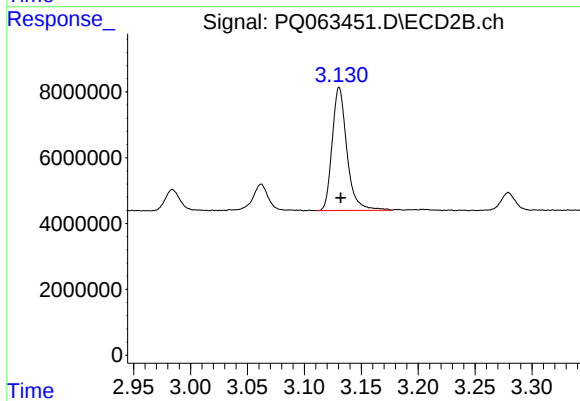
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 6919484
Conc: 223.75 ng/ml



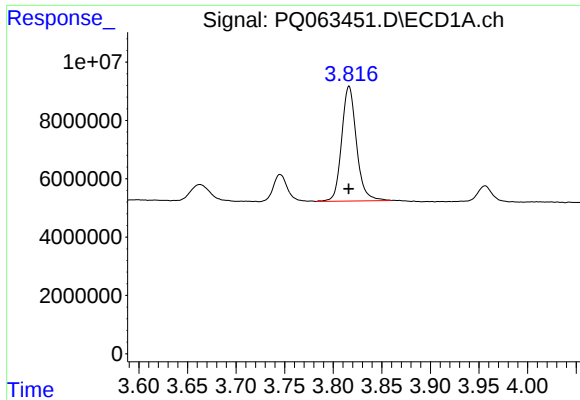
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 41676613
Conc: 330.20 ng/ml



#10 AR-1221-3

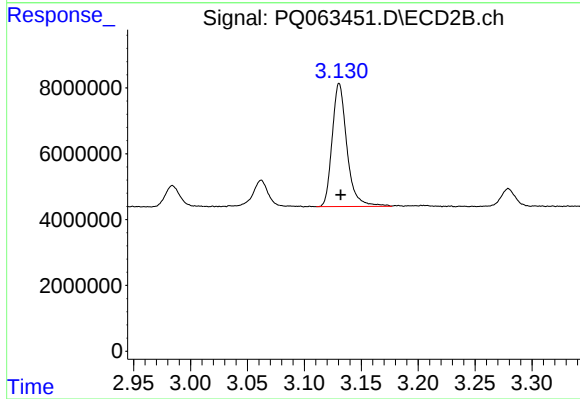
R.T.: 3.131 min
Delta R.T.: -0.001 min
Response: 33782919
Conc: 317.08 ng/ml



#11 AR-1232-1

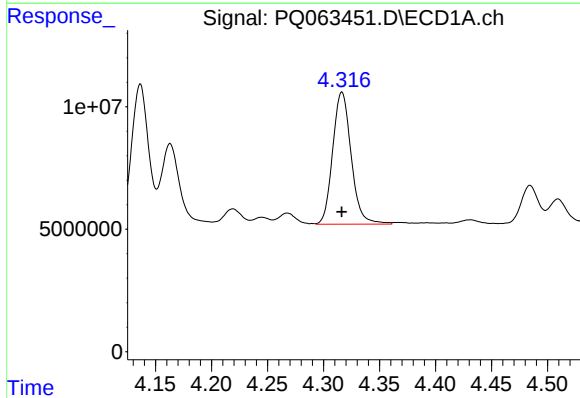
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 41676613
Conc: 400.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



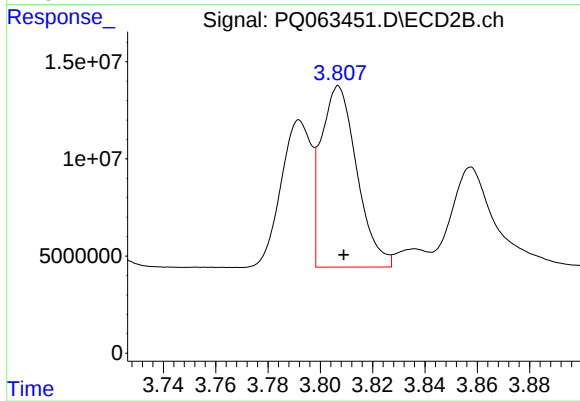
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: -0.001 min
Response: 33782919
Conc: 388.54 ng/ml



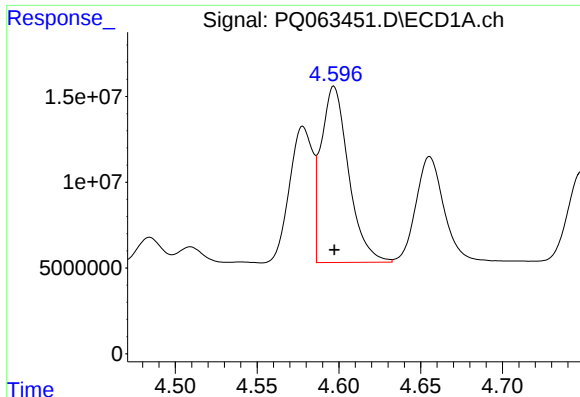
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 61912184
Conc: 973.35 ng/ml



#12 AR-1232-2

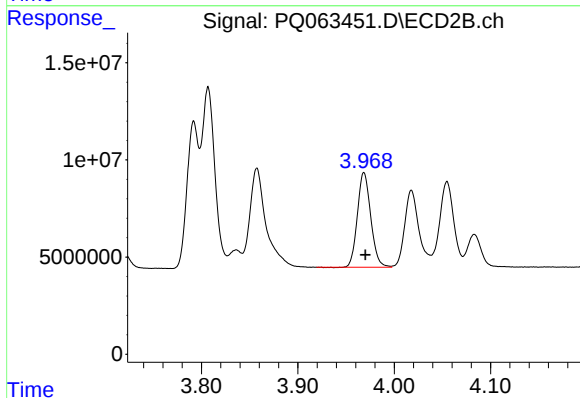
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 88492333
Conc: 1094.27 ng/ml



#13 AR-1232-3

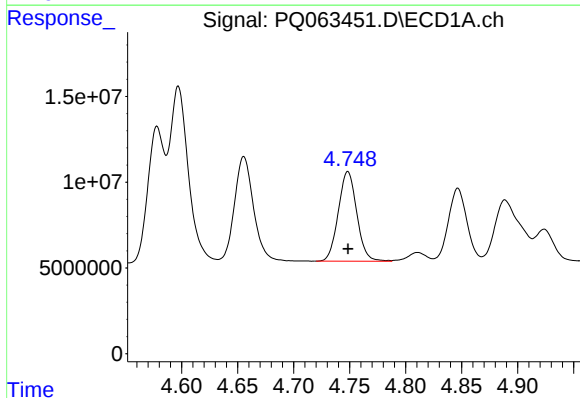
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 120308339
Conc: 1148.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



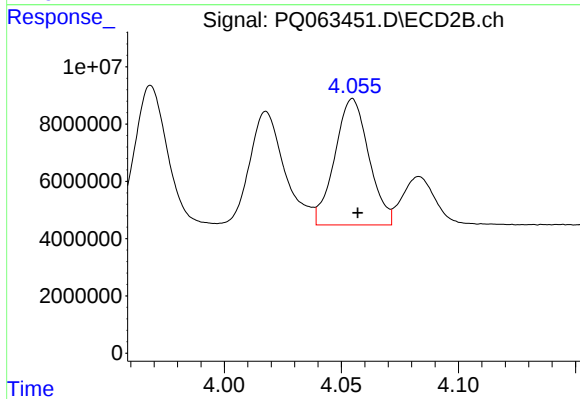
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 47027936
Conc: 1108.64 ng/ml



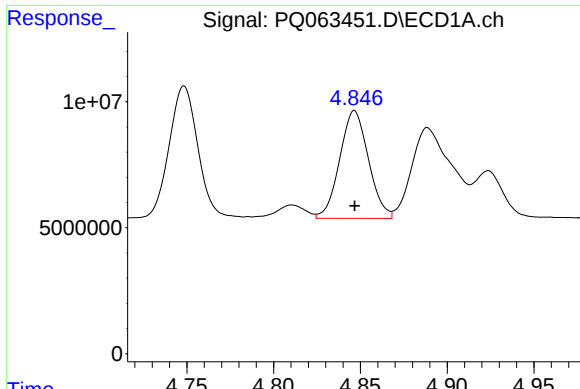
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 60212178
Conc: 1211.65 ng/ml



#14 AR-1232-4

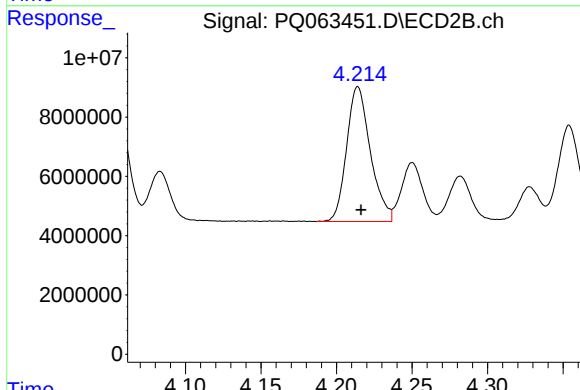
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 44791514
Conc: 1221.55 ng/ml



#15 AR-1232-5

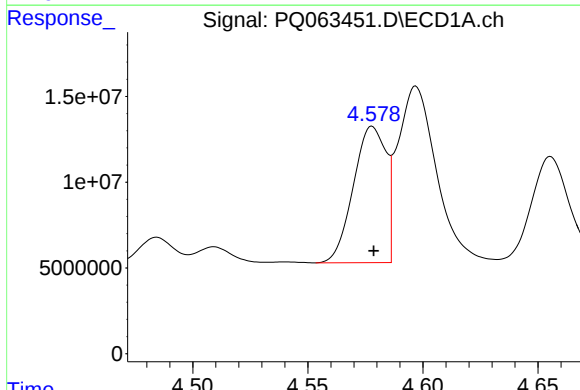
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 49366017
Conc: 1299.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



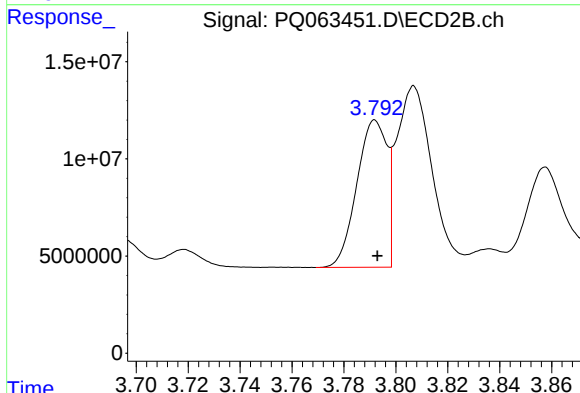
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 49885863
Conc: 1156.43 ng/ml



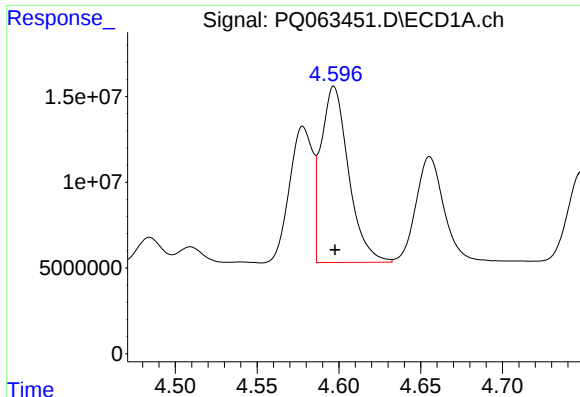
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 78587099
Conc: 595.93 ng/ml



#16 AR-1242-1

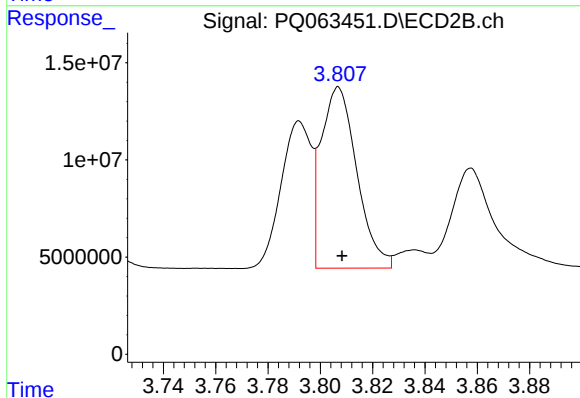
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 60819628
Conc: 557.38 ng/ml



#17 AR-1242-2

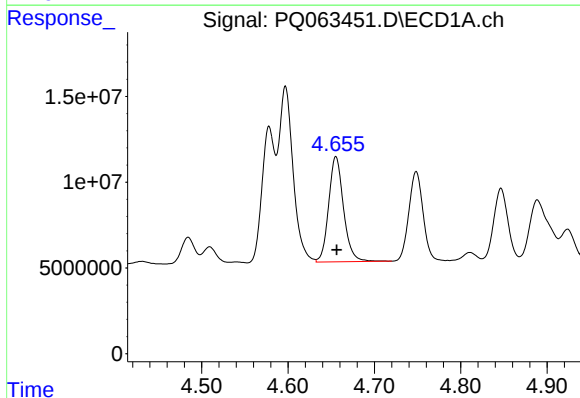
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 120308339
Conc: 581.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



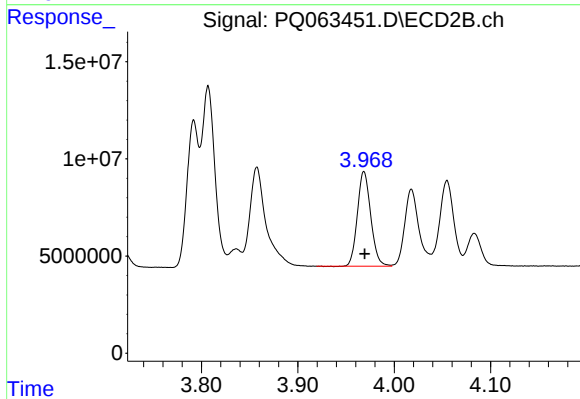
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 88492333
Conc: 569.38 ng/ml



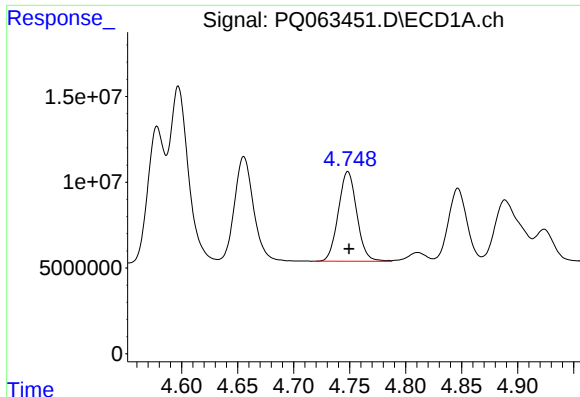
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 73414490
Conc: 579.09 ng/ml



#18 AR-1242-3

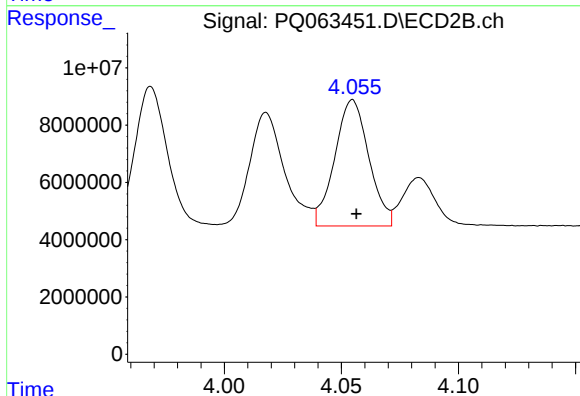
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 47027936
Conc: 560.68 ng/ml



#19 AR-1242-4

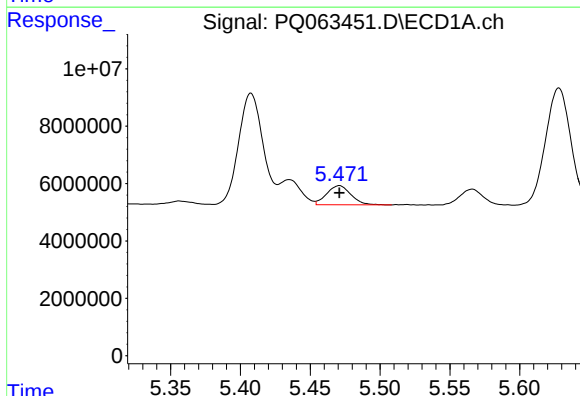
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 60212178
Conc: 583.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



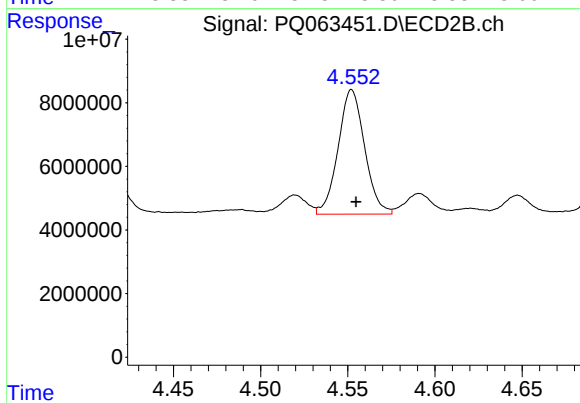
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 44791514
Conc: 558.95 ng/ml



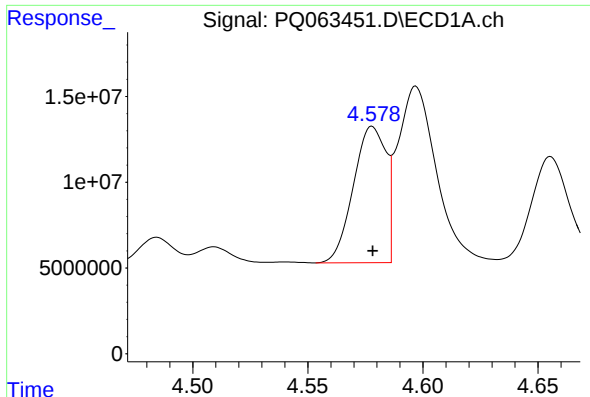
#20 AR-1242-5

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 8056130
Conc: 73.67 ng/ml



#20 AR-1242-5

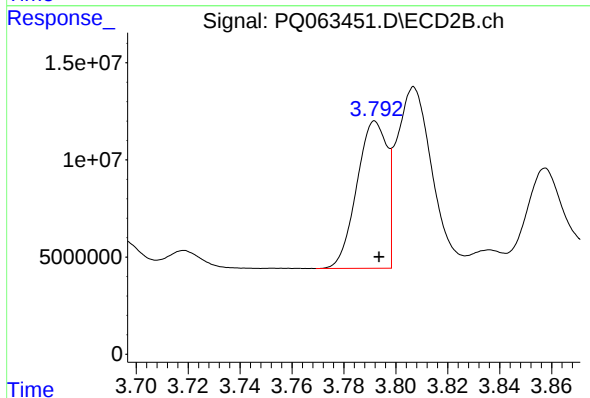
R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 41438843
Conc: 395.96 ng/ml



#21 AR-1248-1

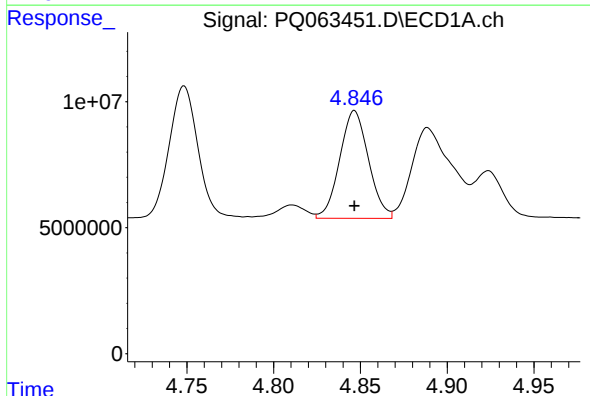
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 78587099
Conc: 799.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



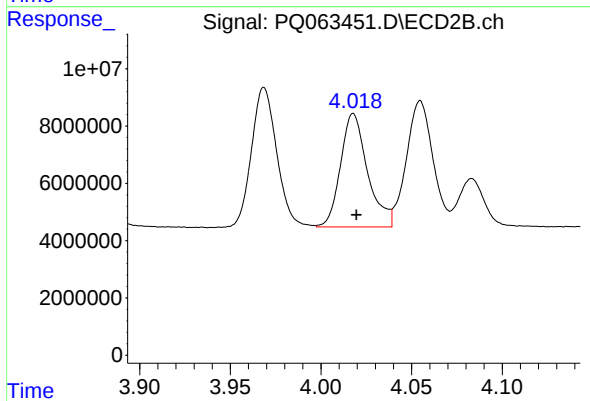
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 60819628
Conc: 757.92 ng/ml



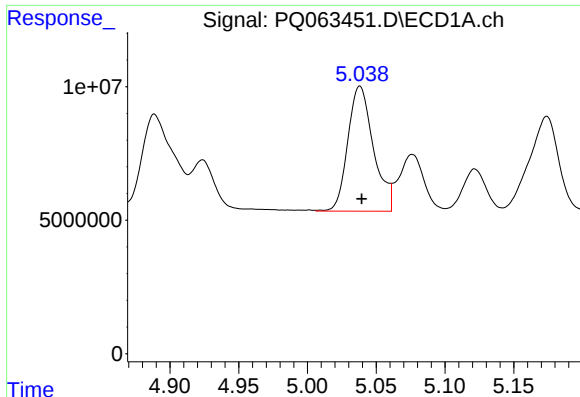
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 49366017
Conc: 345.17 ng/ml



#22 AR-1248-2

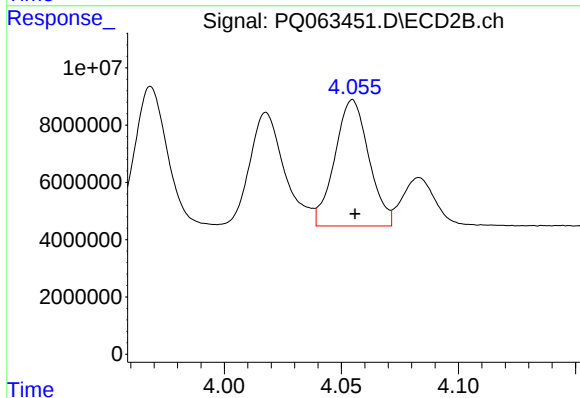
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 41214585
Conc: 344.23 ng/ml



#23 AR-1248-3

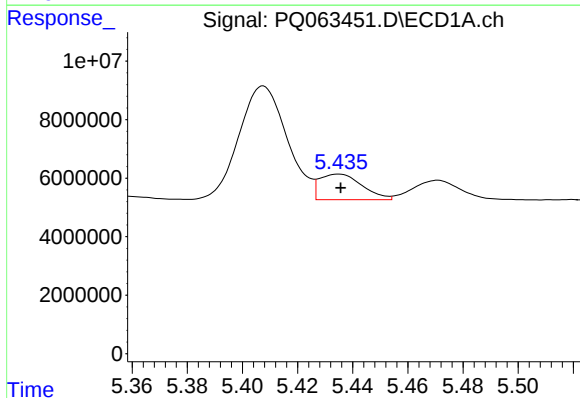
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 60738119
Conc: 353.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



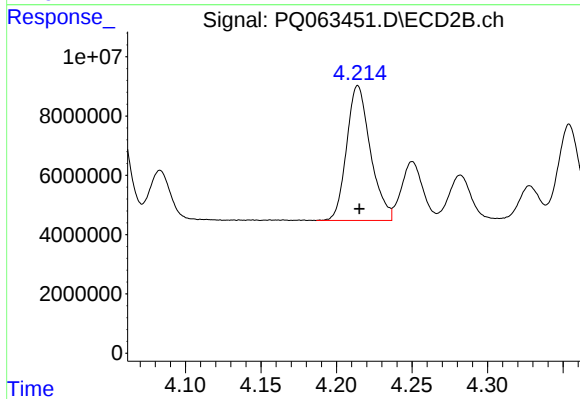
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 44791514
Conc: 390.68 ng/ml



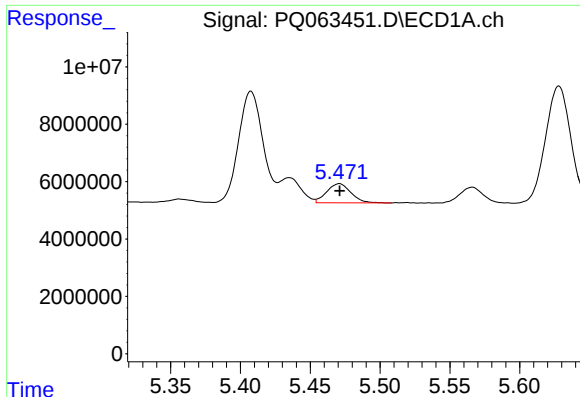
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 9347285
Conc: 48.89 ng/ml



#24 AR-1248-4

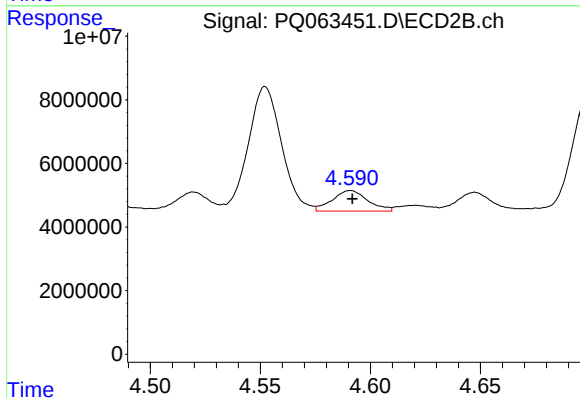
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 49885863
Conc: 353.79 ng/ml



#25 AR-1248-5

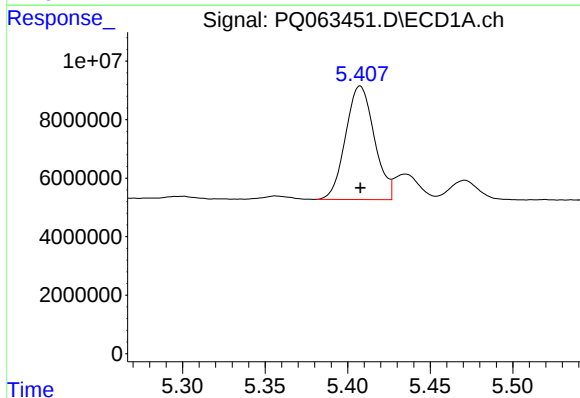
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 8056130
Conc: 43.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



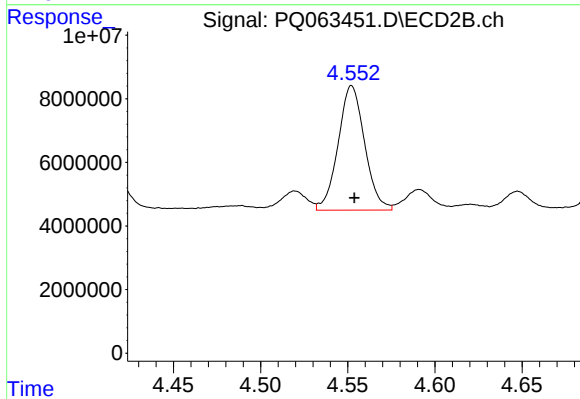
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 7274899
Conc: 52.65 ng/ml



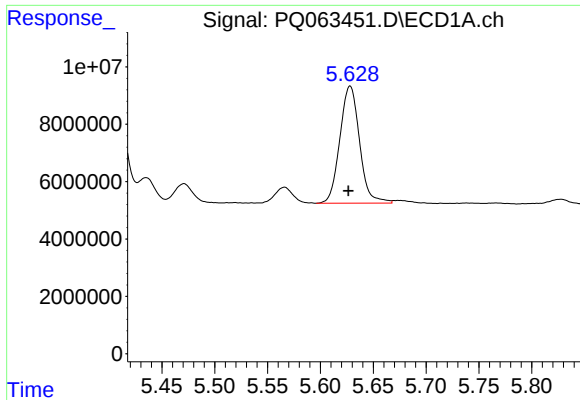
#26 AR-1254-1

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 47018600
Conc: 233.80 ng/ml



#26 AR-1254-1

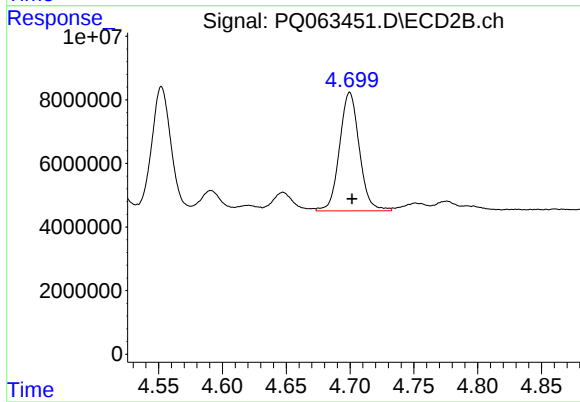
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 41438843
Conc: 196.53 ng/ml



#27 AR-1254-2

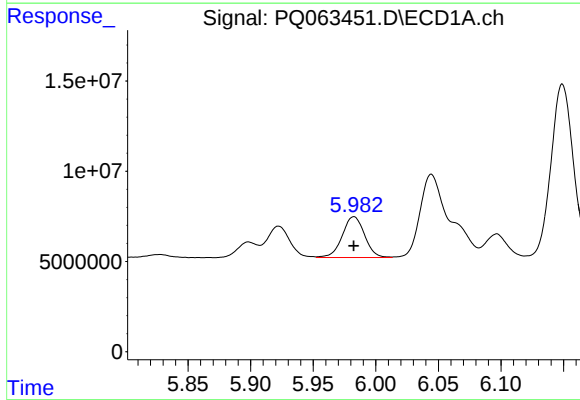
R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 52807225
Conc: 173.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



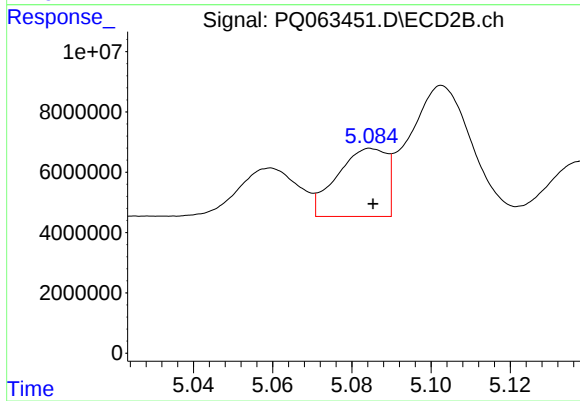
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 40247470
Conc: 217.46 ng/ml



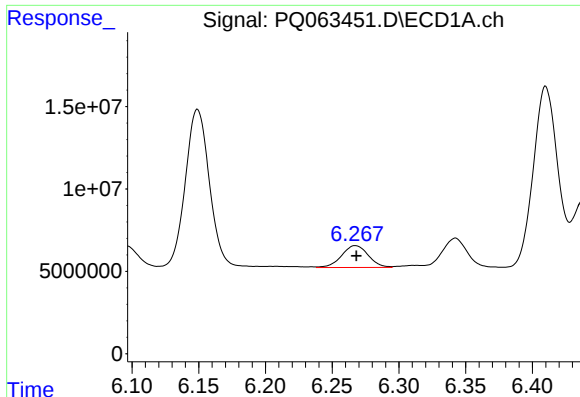
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 28195188
Conc: 85.95 ng/ml



#28 AR-1254-3

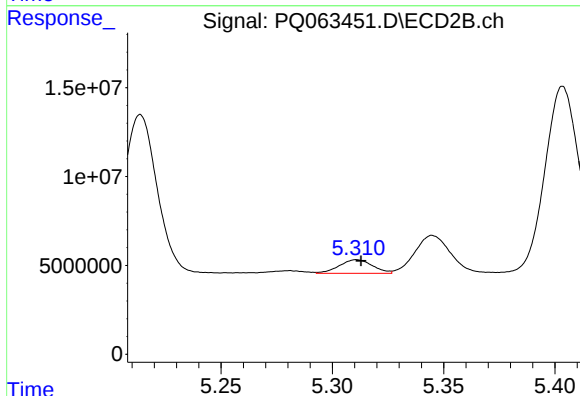
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 19484501
Conc: 68.10 ng/ml



#29 AR-1254-4

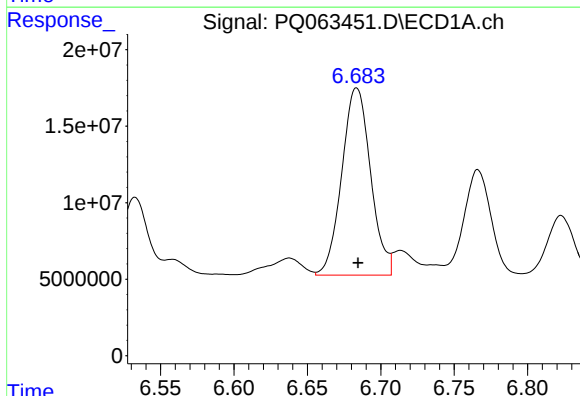
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 18432191
Conc: 76.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



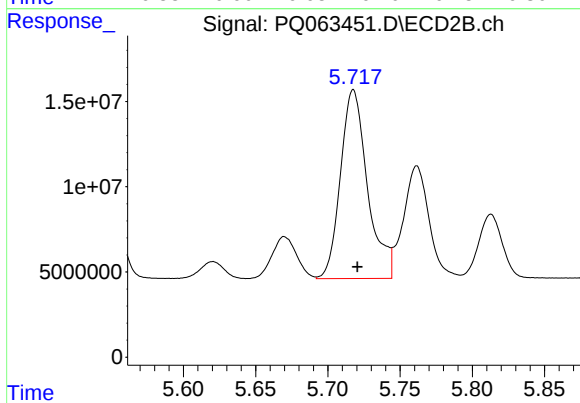
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 7943047
Conc: 42.90 ng/ml



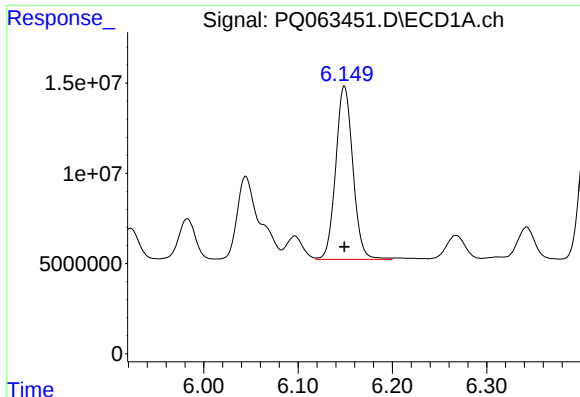
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 167381520
Conc: 651.77 ng/ml



#30 AR-1254-5

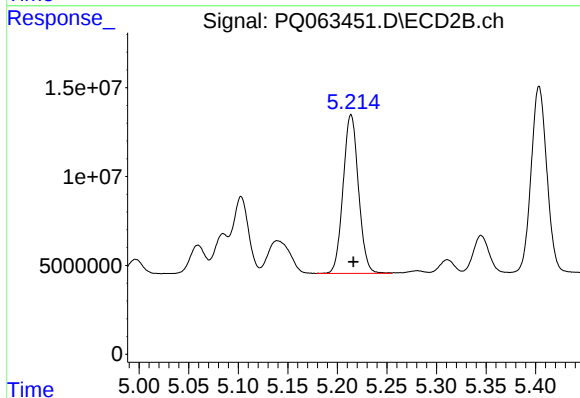
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 144046508
Conc: 557.53 ng/ml



#31 AR-1260-1

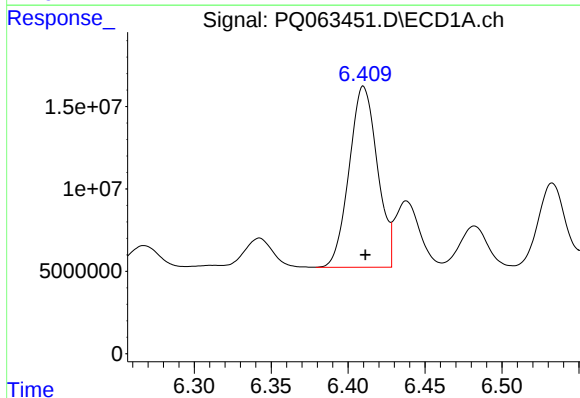
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 121504146
Conc: 505.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



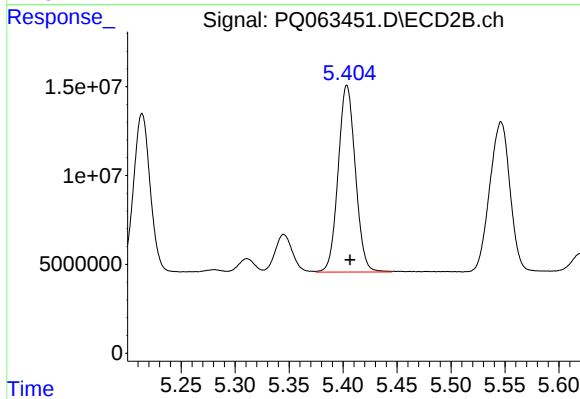
#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: -0.003 min
Response: 96607999
Conc: 478.44 ng/ml



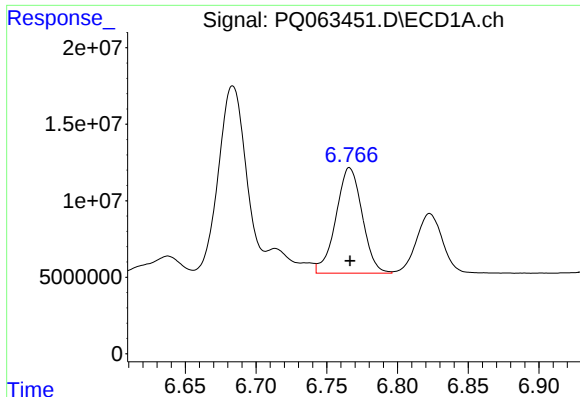
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: -0.001 min
Response: 139926054
Conc: 493.87 ng/ml



#32 AR-1260-2

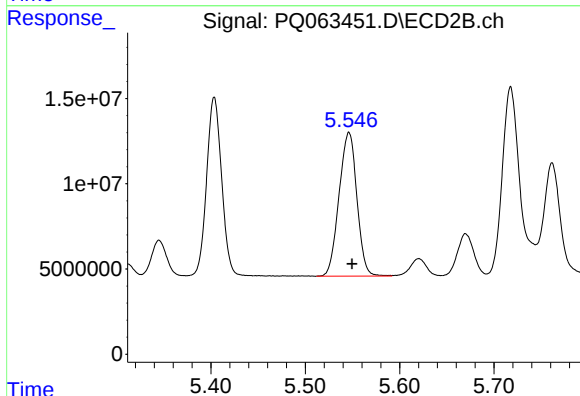
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 116865067
Conc: 477.59 ng/ml



#33 AR-1260-3

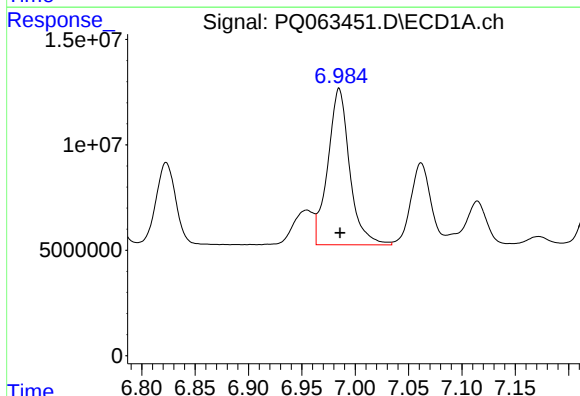
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 89024309
Conc: 437.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



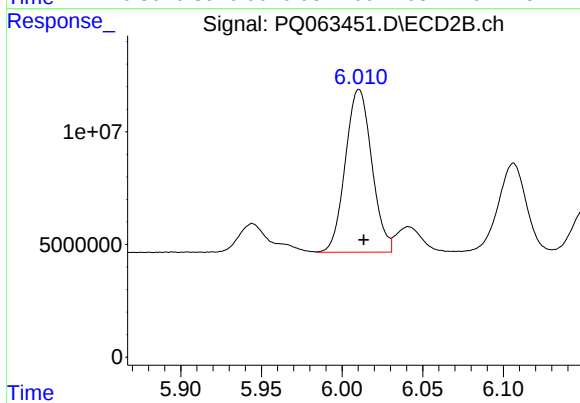
#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 110782591
Conc: 468.48 ng/ml



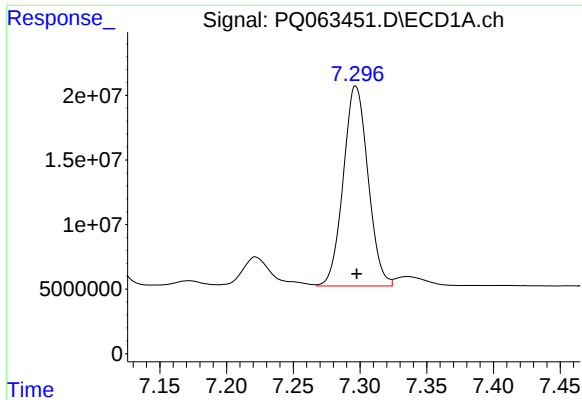
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 105515468
Conc: 442.64 ng/ml



#34 AR-1260-4

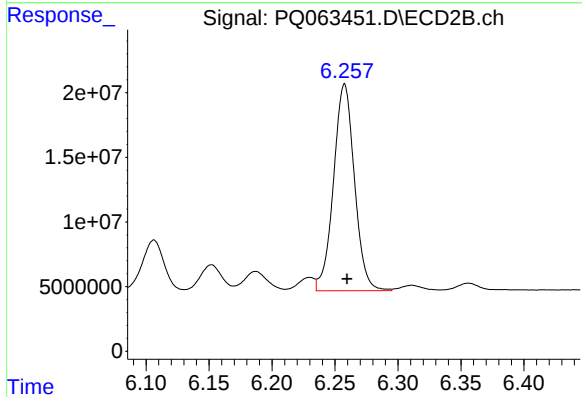
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 82419903
Conc: 431.69 ng/ml



#35 AR-1260-5

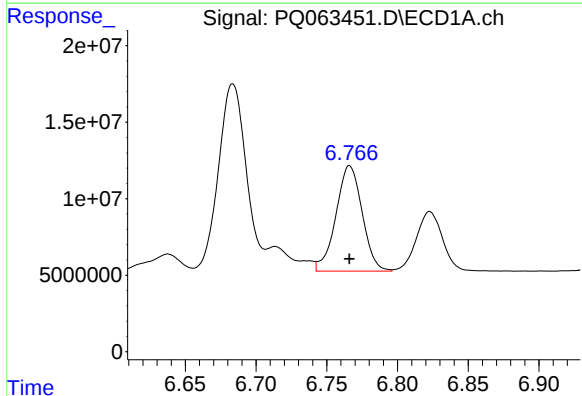
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 199466267
Conc: 445.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



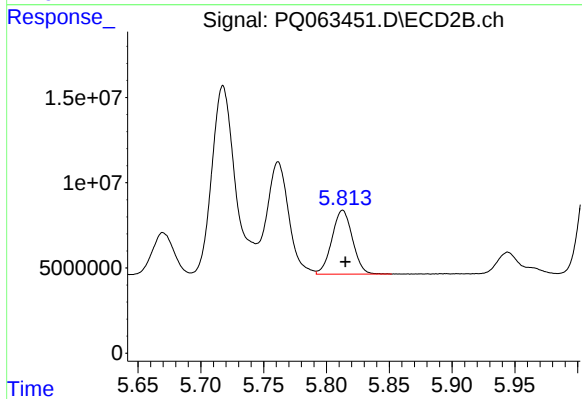
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 185138036
Conc: 422.76 ng/ml



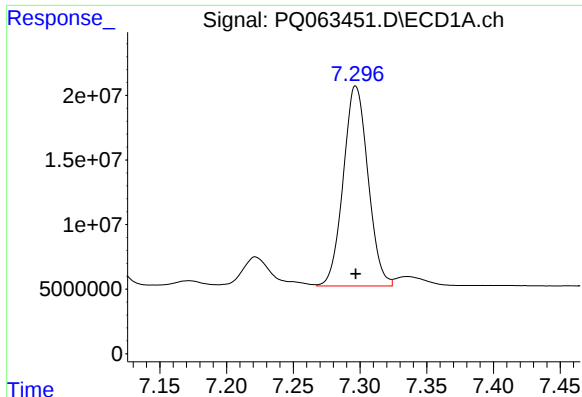
#36 AR-1262-1

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 89024309
Conc: 285.93 ng/ml



#36 AR-1262-1

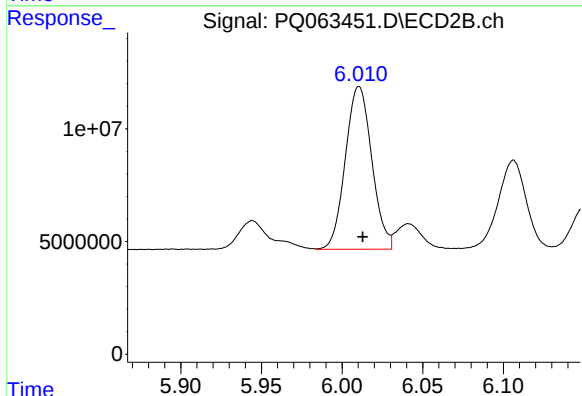
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 42826859
Conc: 407.08 ng/ml



#37 AR-1262-2

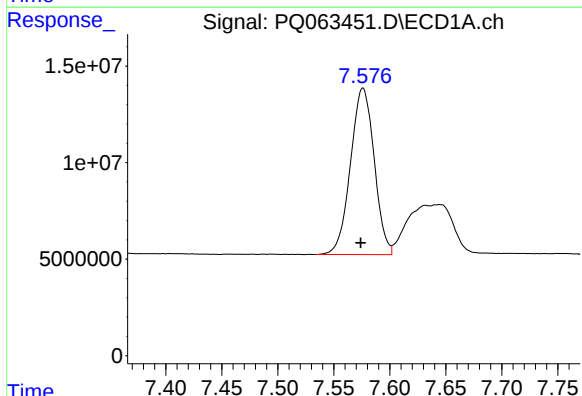
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 199466267
Conc: 384.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



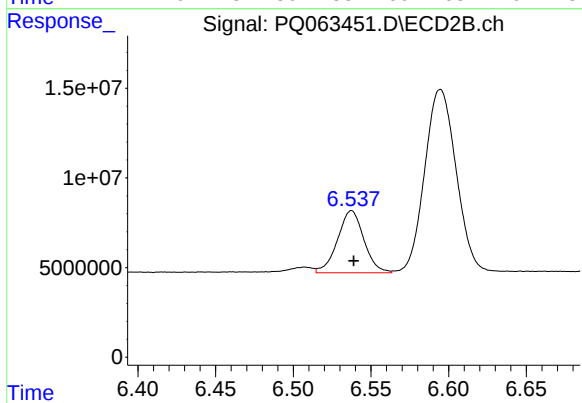
#37 AR-1262-2

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 82419903
Conc: 354.98 ng/ml



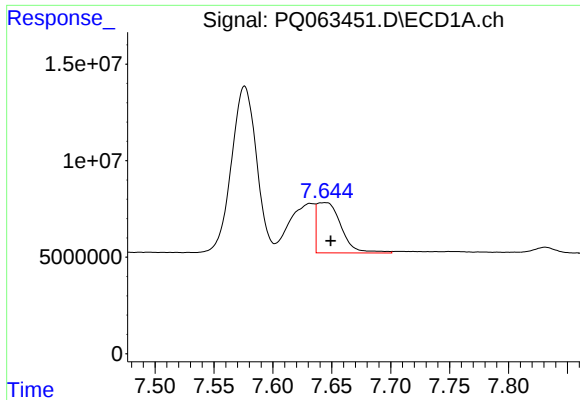
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 127051244
Conc: 367.01 ng/ml



#38 AR-1262-3

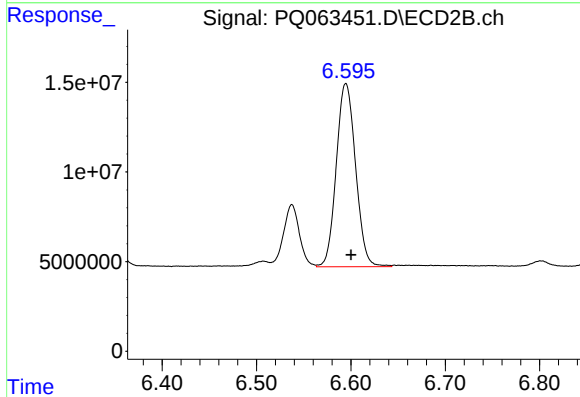
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 40908320
Conc: 212.98 ng/ml



#39 AR-1262-4

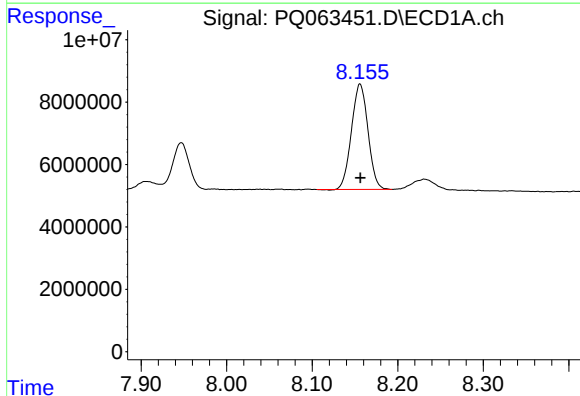
R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 37171416
Conc: 136.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



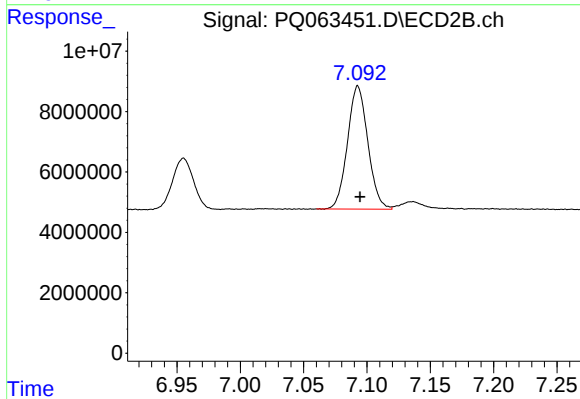
#39 AR-1262-4

R.T.: 6.595 min
Delta R.T.: -0.006 min
Response: 145175431
Conc: 415.15 ng/ml



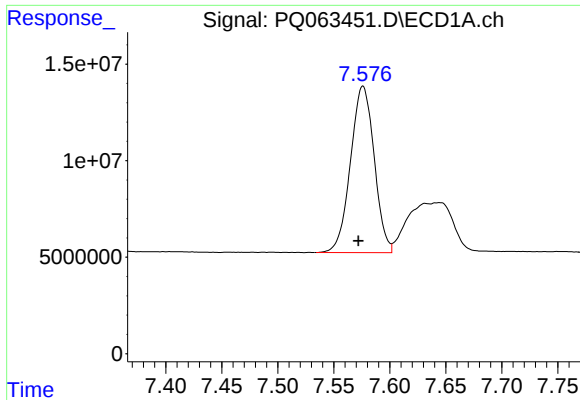
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 45431554
Conc: 264.88 ng/ml



#40 AR-1262-5

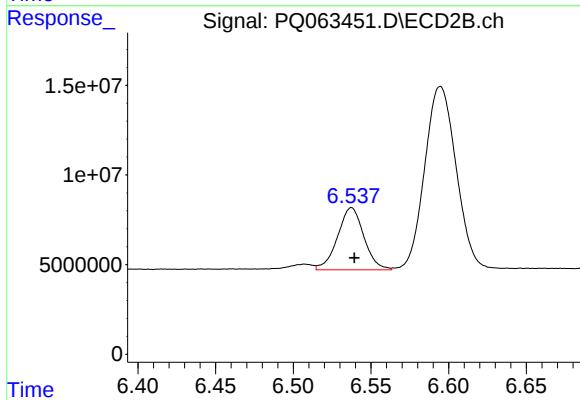
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 45716147
Conc: 275.99 ng/ml



#41 AR-1268-1

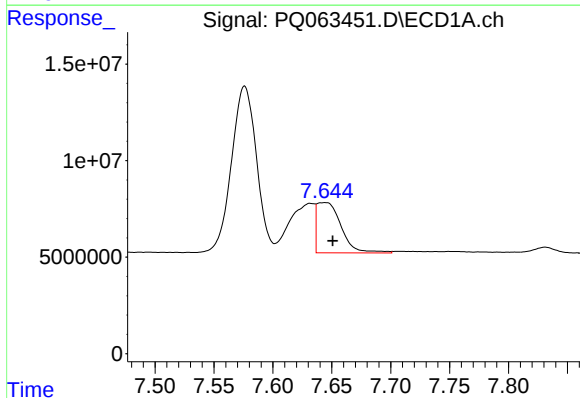
R.T.: 7.576 min
Delta R.T.: 0.004 min
Response: 127051244
Conc: 205.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



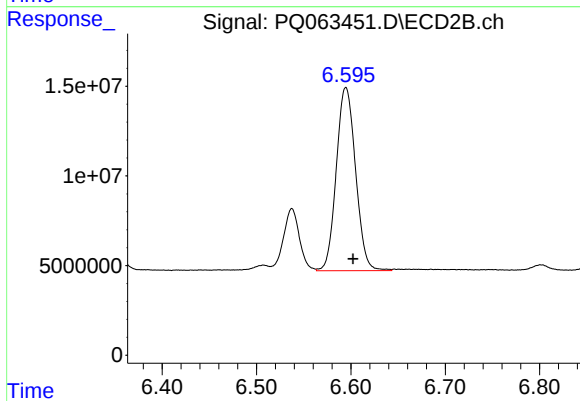
#41 AR-1268-1

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 40908320
Conc: 72.96 ng/ml



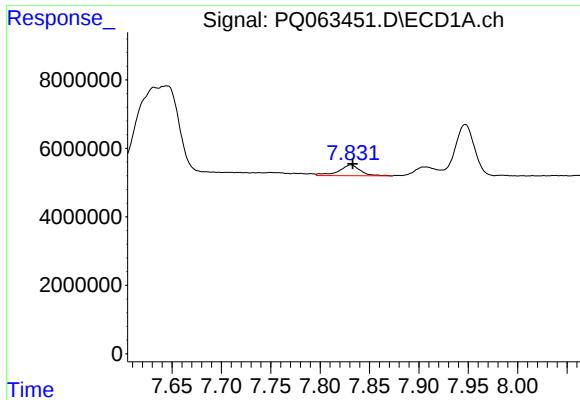
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 37171416
Conc: 64.92 ng/ml



#42 AR-1268-2

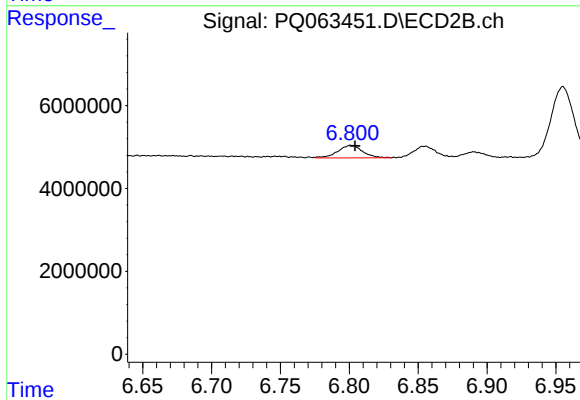
R.T.: 6.595 min
Delta R.T.: -0.008 min
Response: 145175431
Conc: 291.87 ng/ml



#43 AR-1268-3

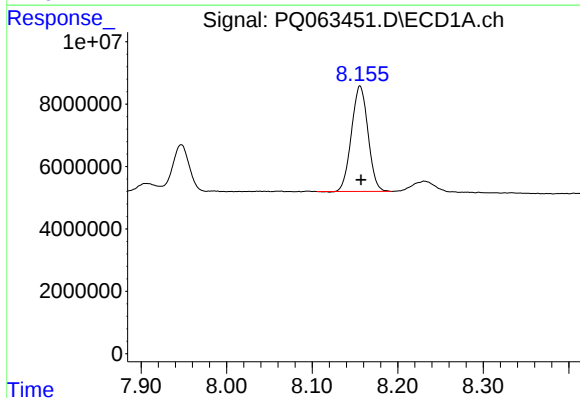
R.T.: 7.831 min
Delta R.T.: -0.002 min
Response: 4869489
Conc: 9.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



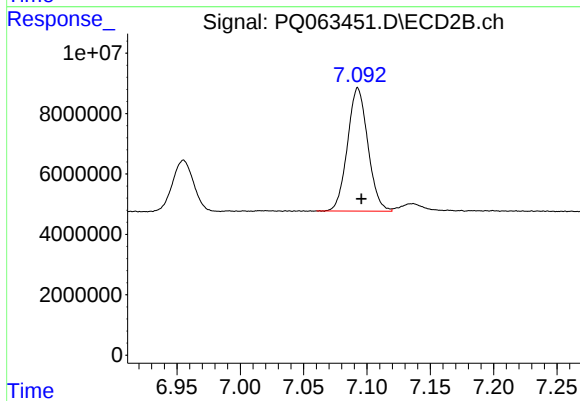
#43 AR-1268-3

R.T.: 6.802 min
Delta R.T.: -0.003 min
Response: 3826130
Conc: 8.98 ng/ml



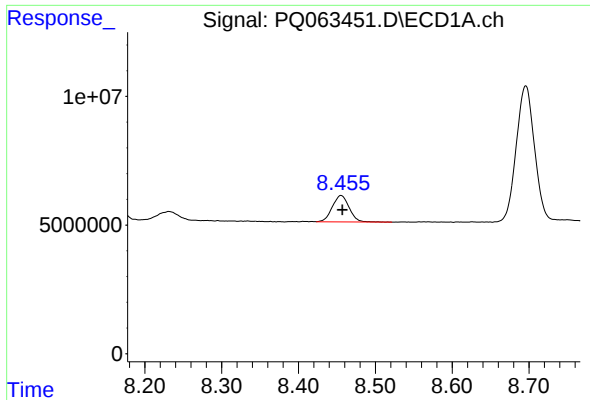
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 45431554
Conc: 236.16 ng/ml



#44 AR-1268-4

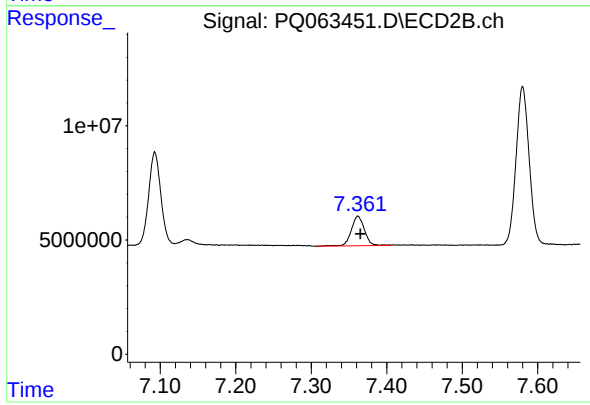
R.T.: 7.093 min
Delta R.T.: -0.003 min
Response: 45716147
Conc: 246.89 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.002 min
Response: 15565860
Conc: 10.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 15637101
Conc: 11.89 ng/ml