

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121123\
 Data File : PQ064356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 10:15
 Operator : YP\AJ
 Sample : PB157668BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 12:54:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.456	2.773	85711840	82785577	20.660	19.718
2)	SA Decachlor...	8.693	7.570	63114780	92288631	21.530	22.865
Target Compounds							
3)	L1 AR-1016-1	4.572	3.782	61971847	57320510	486.408	471.619
4)	L1 AR-1016-2	4.592	3.798	94765733	84881780	493.725	463.062
5)	L1 AR-1016-3	4.650	3.960	58701306	45728586	494.727	469.944
6)	L1 AR-1016-4	4.742	4.009	46373873	39805225	499.279	476.637
7)	L1 AR-1016-5	5.032	4.205	47834930	46363674	490.984	457.962
8)	L2 AR-1221-1	3.656	2.976	6497602	6470920	127.972	114.273
9)	L2 AR-1221-2	3.739	3.054	7918223	8282072	216.116	196.608
10)	L2 AR-1221-3	3.810	3.122	34379380	37155583	304.011	291.768
11)	L3 AR-1232-1	3.810	3.122	34379380	37155583	398.348	385.736
12)	L3 AR-1232-2	4.310	3.798	50556540	84881780	1036.366	1015.435
13)	L3 AR-1232-3	4.592	3.960	94765733	45728586	1110.156	1027.093
14)	L3 AR-1232-4	4.742	4.045	46373873	43085954	1125.645	1127.842
15)	L3 AR-1232-5	4.841	4.205	38758314	46363674	1267.623	1089.420
16)	L4 AR-1242-1	4.572	3.782	61971847	57320510	597.956	552.394
17)	L4 AR-1242-2	4.592	3.798	94765733	84881780	610.846	549.428
18)	L4 AR-1242-3	4.650	3.960	58701306	45728586	606.051	557.596
19)	L4 AR-1242-4	4.742	4.045	46373873	43085954	610.012	552.193
20)	L4 AR-1242-5	5.465	4.542	7120989	36552497	85.779	379.041 #
21)	L5 AR-1248-1	4.572	3.782	61971847	57320510	795.777	708.441
22)	L5 AR-1248-2	4.841	4.009	38758314	39805225	347.300	324.710
23)	L5 AR-1248-3	5.032	4.045	47834930	43085954	359.433	369.234
24)	L5 AR-1248-4	5.429	4.205	7996081	46363674	55.868	330.736 #
25)	L5 AR-1248-5	5.465	4.582	7120989	5568619	50.785	41.847
26)	L6 AR-1254-1	5.402	4.542	38064950	36552497	248.518	174.571 #
27)	L6 AR-1254-2	5.622	4.691	42736879	35383560	183.020	191.282
28)	L6 AR-1254-3	5.978	5.075	21964694	17732895	89.362	62.680 #
29)	L6 AR-1254-4	6.262	5.302	14309629	7171712	82.357	38.631 #
30)	L6 AR-1254-5	6.678	5.709	127.7E6	128.2E6	661.678	493.848 #
31)	L7 AR-1260-1	6.144	5.204	92339156	87764956	493.076	453.823
32)	L7 AR-1260-2	6.405	5.395	107.7E6	105.5E6	496.614	453.354
33)	L7 AR-1260-3	6.761	5.537	69660009	99445708	427.381	457.499
34)	L7 AR-1260-4	6.979	6.001	84102138	74516174	490.253	404.543
35)	L7 AR-1260-5	7.292	6.248	154.1E6	169.6E6	456.170	391.182
36)	L8 AR-1262-1	6.761	5.804	69660009	39143086	283.154	343.649
37)	L8 AR-1262-2	7.292	6.001	154.1E6	74516174	384.441	292.521
38)	L8 AR-1262-3	7.572	6.527	98806937	37646047	365.313	167.173 #
39)	L8 AR-1262-4	7.642	6.585	23780670	143.4E6	112.682	331.370 #
40)	L8 AR-1262-5	8.153	7.083	36392415	64198579	267.010	244.556
41)	L9 AR-1268-1	7.572	6.527	98806937	37646047	206.585	57.187 #

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 ALS Vial : 8 Sample Multiplier: 1

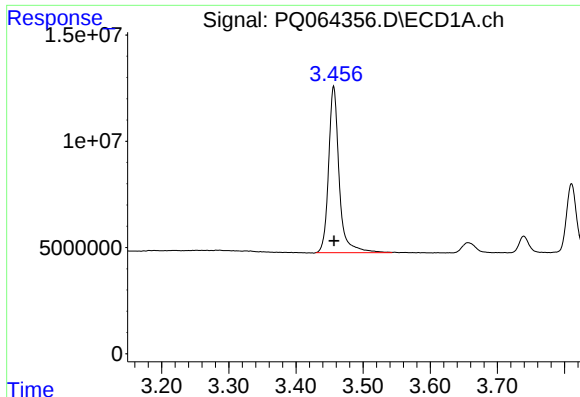
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 12:54:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
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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	7.642	6.585	23780670	143.4E6	54.685	231.001 #
43) L9	AR-1268-3	7.828	6.791	3119911	4237892	8.255	6.621
44) L9	AR-1268-4	8.153	7.083	36392415	64198579	237.757	213.329
45) L9	AR-1268-5	8.452	7.353	11902624	22720481	10.944	12.027

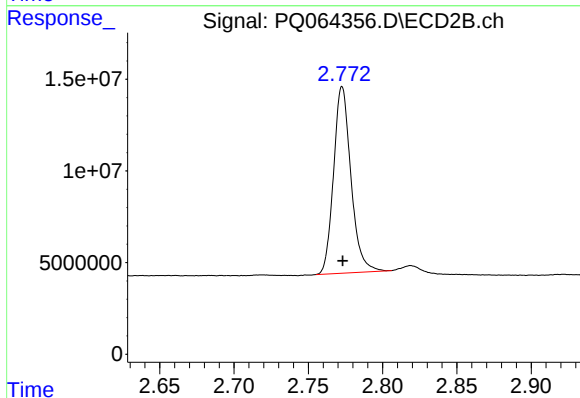
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

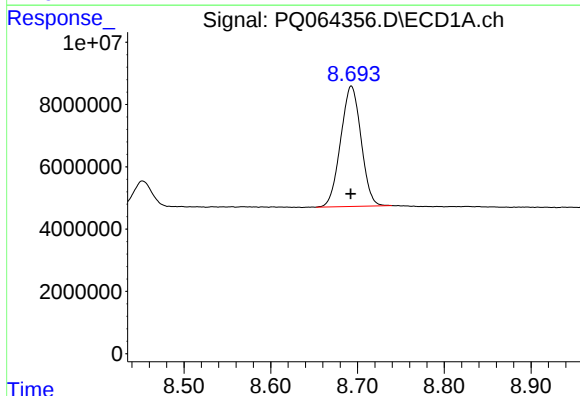
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 85711840
Conc: 20.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



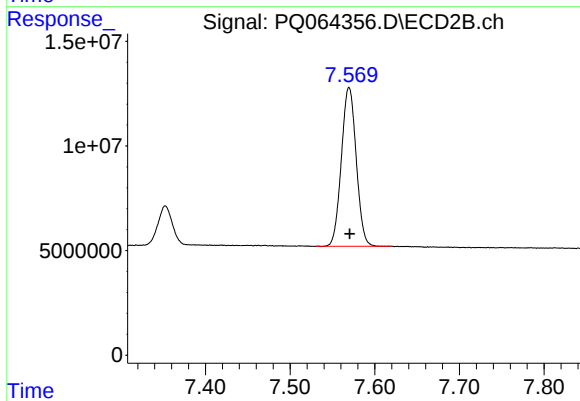
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 82785577
Conc: 19.72 ng/ml



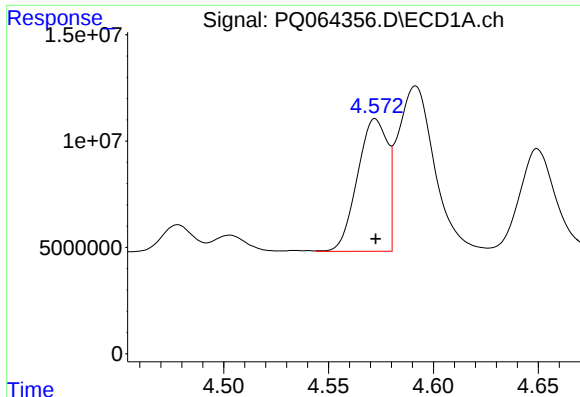
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 63114780
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

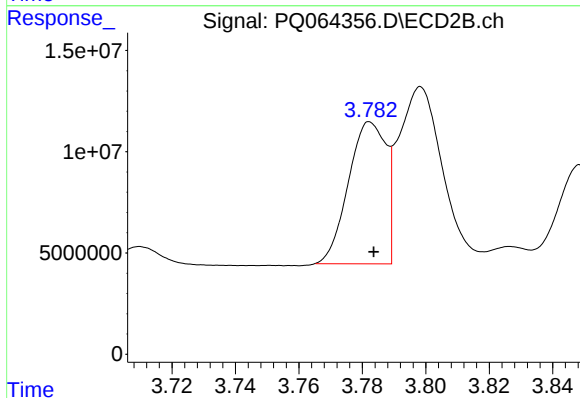
R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 92288631
Conc: 22.87 ng/ml



#3 AR-1016-1

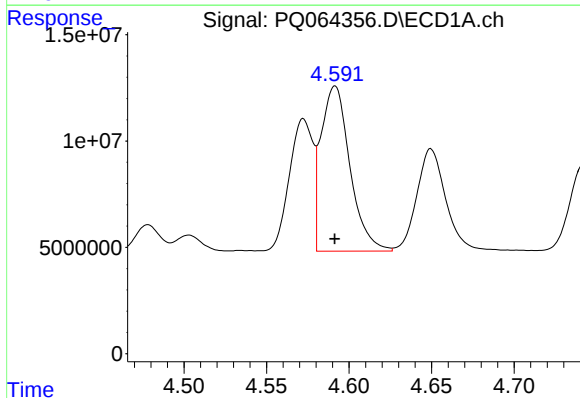
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 61971847
Conc: 486.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



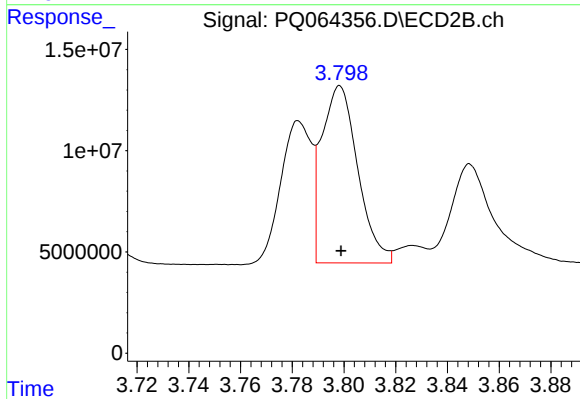
#3 AR-1016-1

R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 57320510
Conc: 471.62 ng/ml



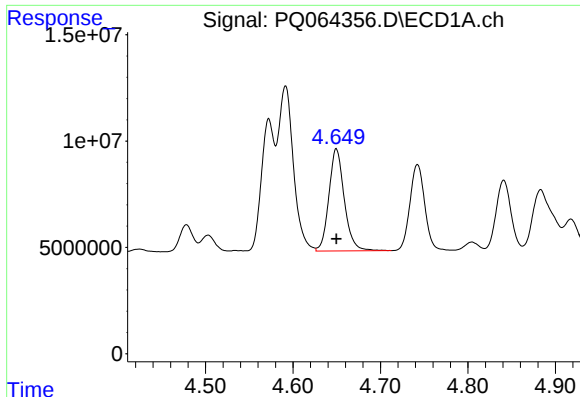
#4 AR-1016-2

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 94765733
Conc: 493.72 ng/ml



#4 AR-1016-2

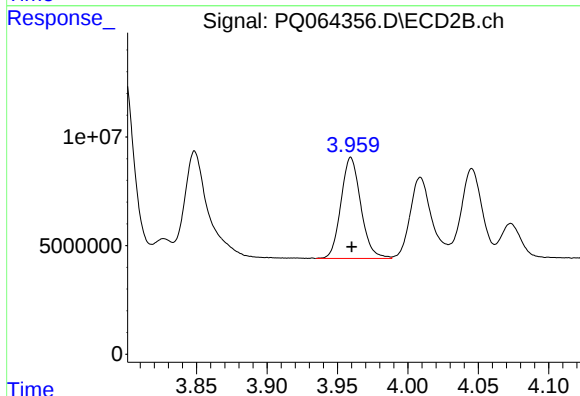
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 84881780
Conc: 463.06 ng/ml



#5 AR-1016-3

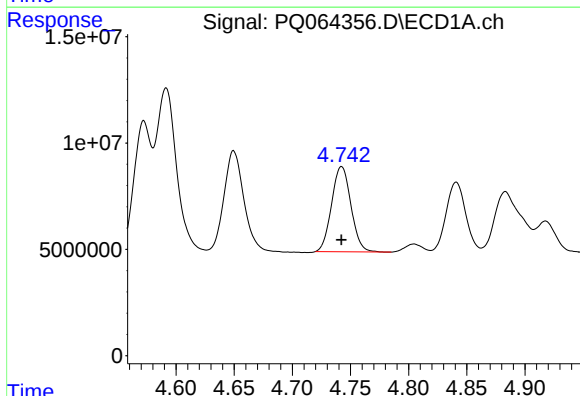
R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 58701306
Conc: 494.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



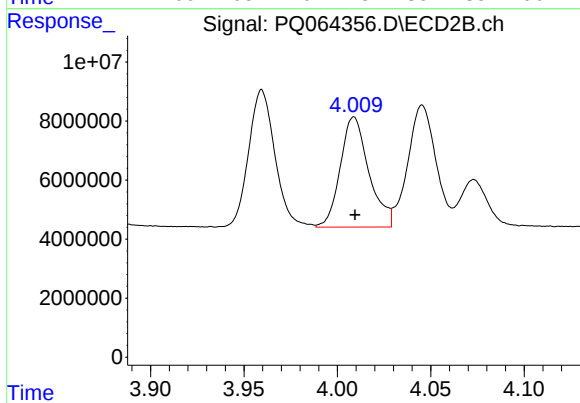
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 45728586
Conc: 469.94 ng/ml



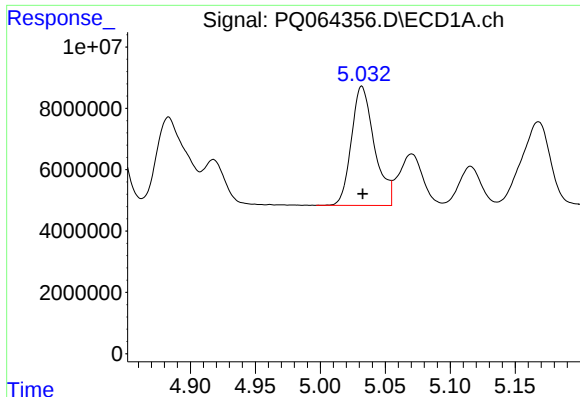
#6 AR-1016-4

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 46373873
Conc: 499.28 ng/ml



#6 AR-1016-4

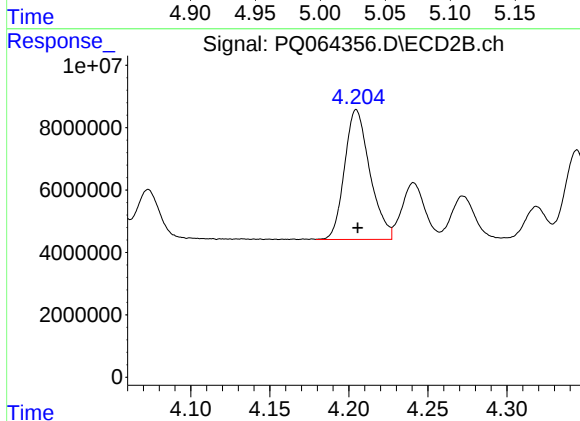
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 39805225
Conc: 476.64 ng/ml



#7 AR-1016-5

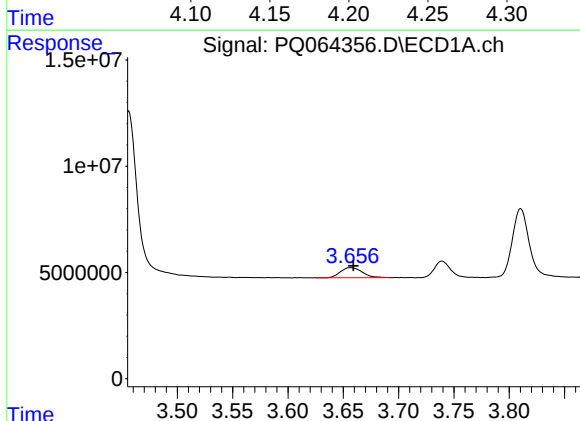
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 47834930
Conc: 490.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



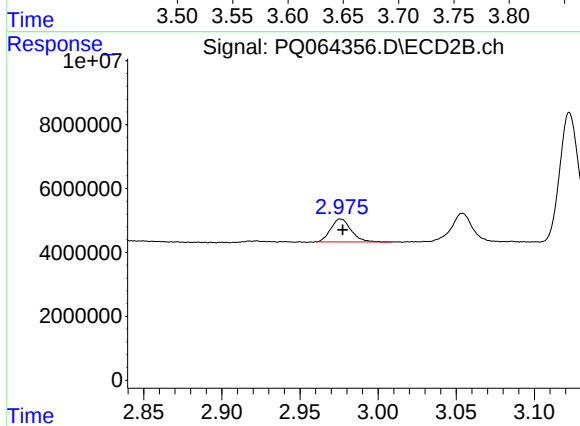
#7 AR-1016-5

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 46363674
Conc: 457.96 ng/ml



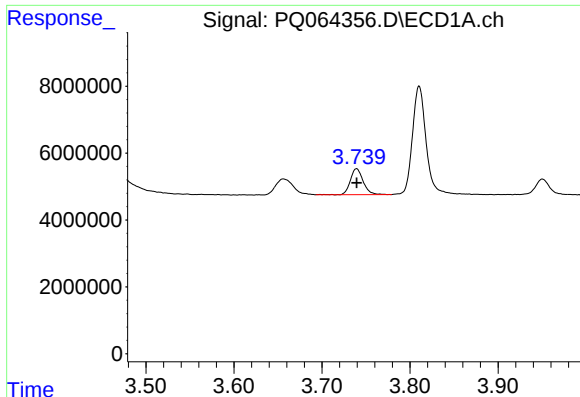
#8 AR-1221-1

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 6497602
Conc: 127.97 ng/ml



#8 AR-1221-1

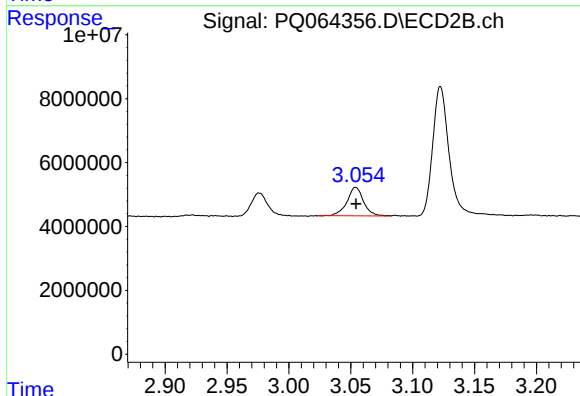
R.T.: 2.976 min
Delta R.T.: -0.001 min
Response: 6470920
Conc: 114.27 ng/ml



#9 AR-1221-2

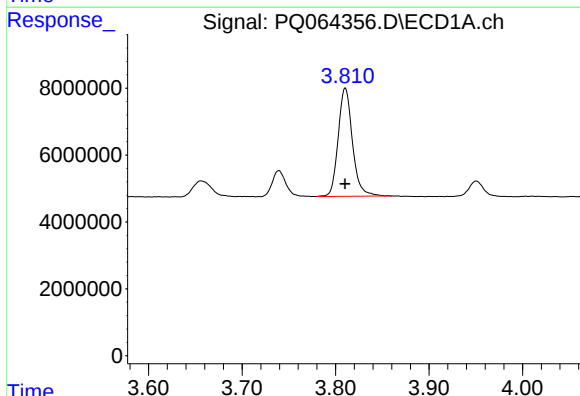
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 7918223
Conc: 216.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



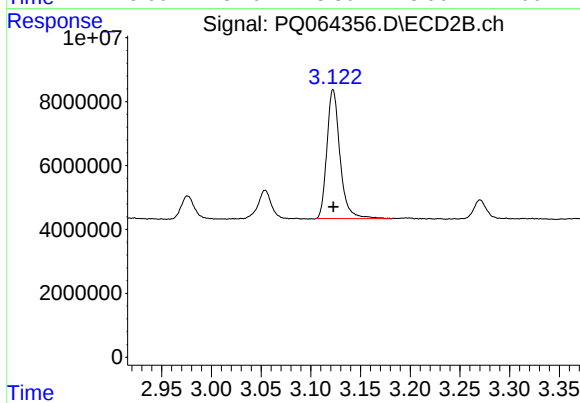
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: 0.000 min
Response: 8282072
Conc: 196.61 ng/ml



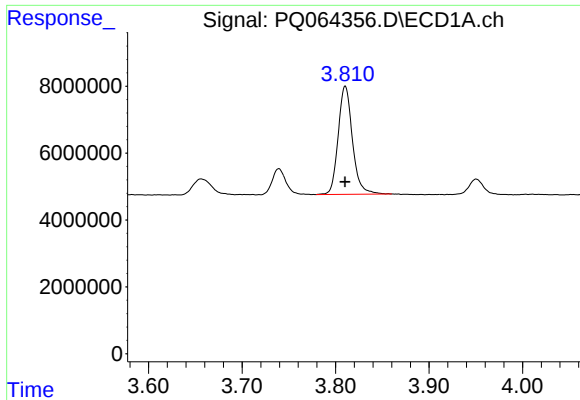
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 34379380
Conc: 304.01 ng/ml



#10 AR-1221-3

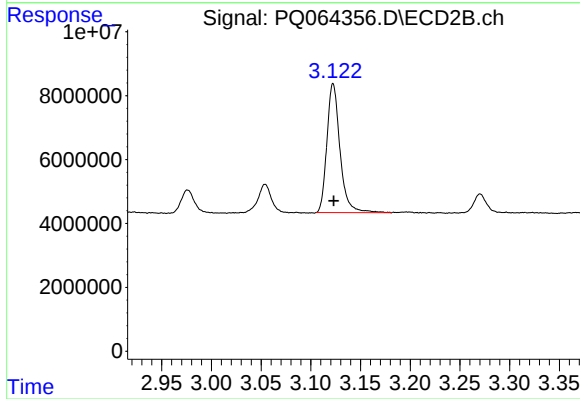
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 37155583
Conc: 291.77 ng/ml



#11 AR-1232-1

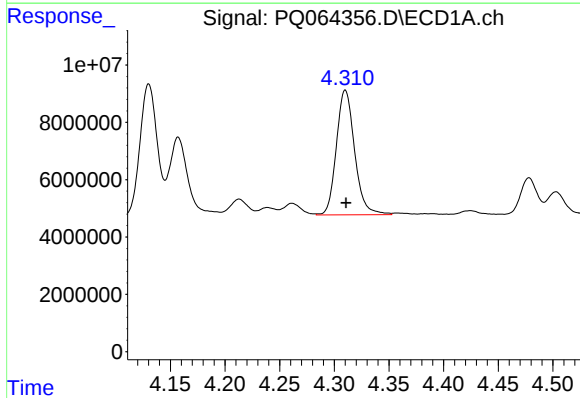
R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 34379380
Conc: 398.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



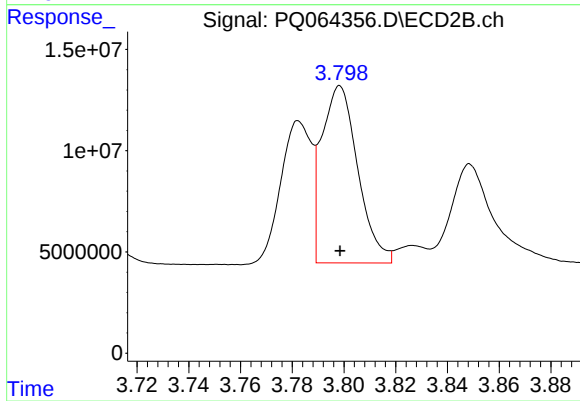
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 37155583
Conc: 385.74 ng/ml



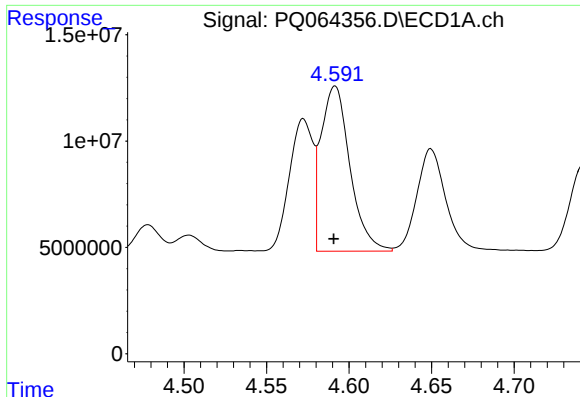
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 50556540
Conc: 1036.37 ng/ml



#12 AR-1232-2

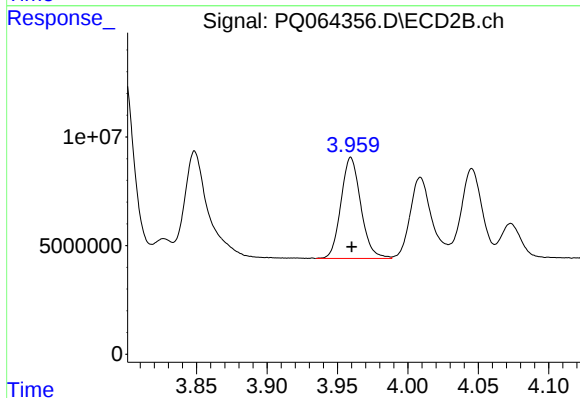
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 84881780
Conc: 1015.44 ng/ml



#13 AR-1232-3

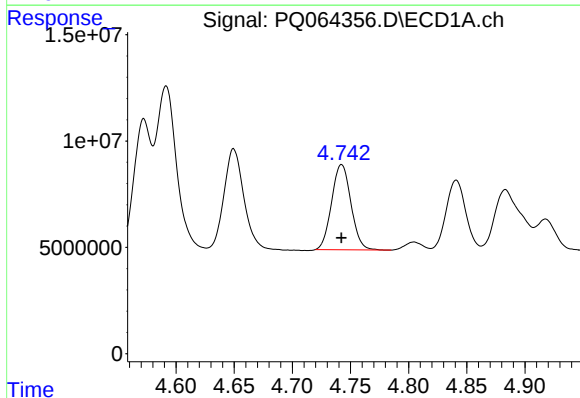
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 94765733
Conc: 1110.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



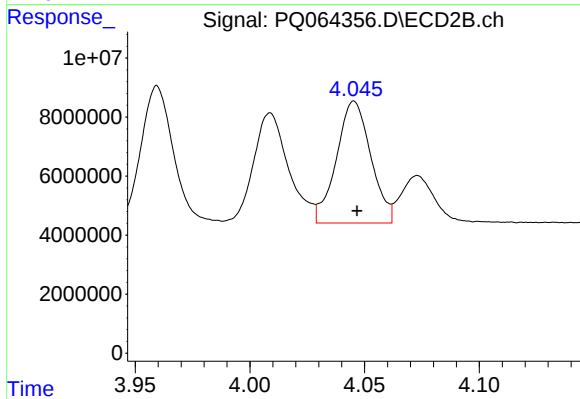
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 45728586
Conc: 1027.09 ng/ml



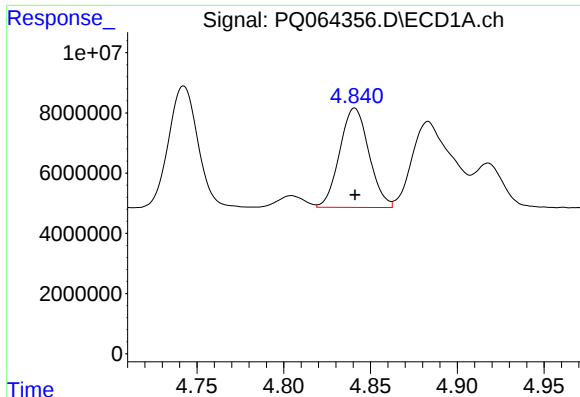
#14 AR-1232-4

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 46373873
Conc: 1125.64 ng/ml



#14 AR-1232-4

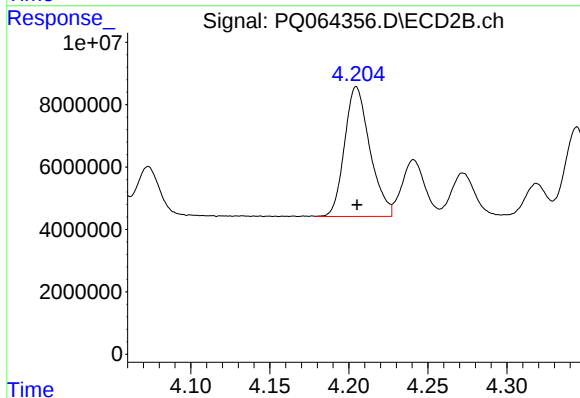
R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 43085954
Conc: 1127.84 ng/ml



#15 AR-1232-5

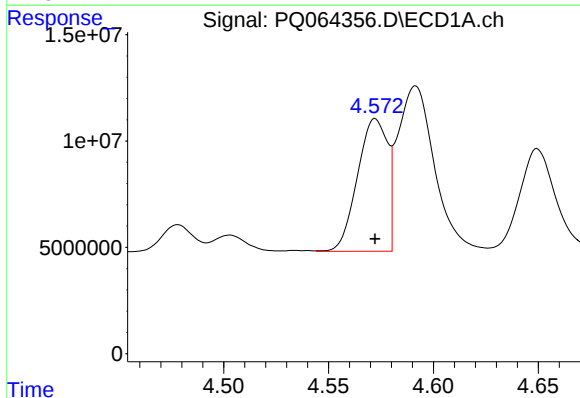
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 38758314
Conc: 1267.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



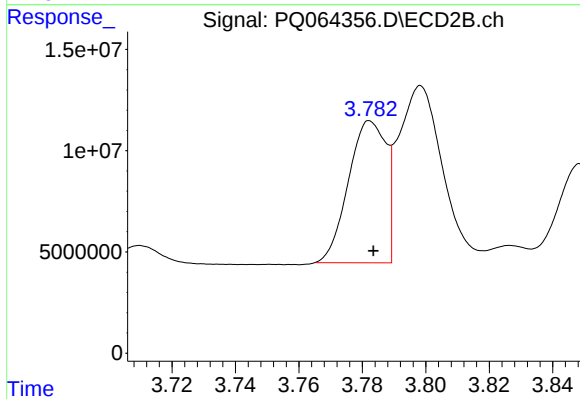
#15 AR-1232-5

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 46363674
Conc: 1089.42 ng/ml



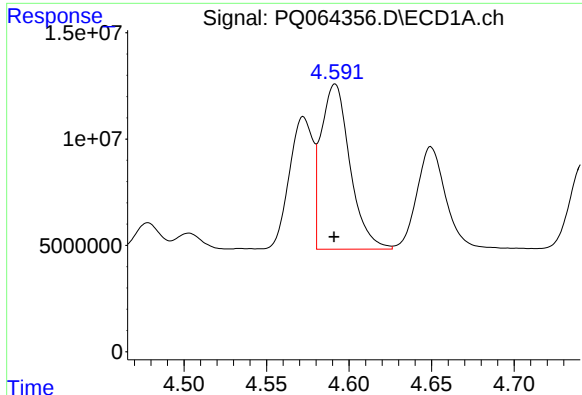
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 61971847
Conc: 597.96 ng/ml



#16 AR-1242-1

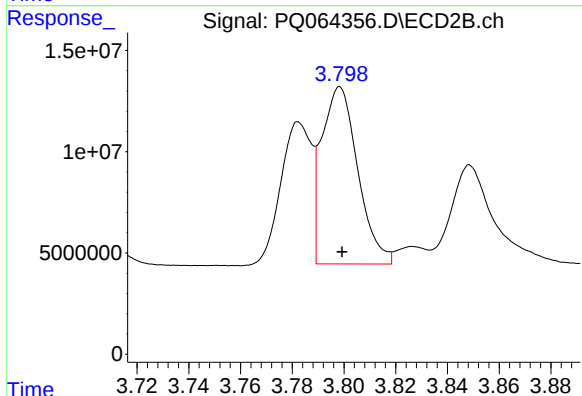
R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 57320510
Conc: 552.39 ng/ml



#17 AR-1242-2

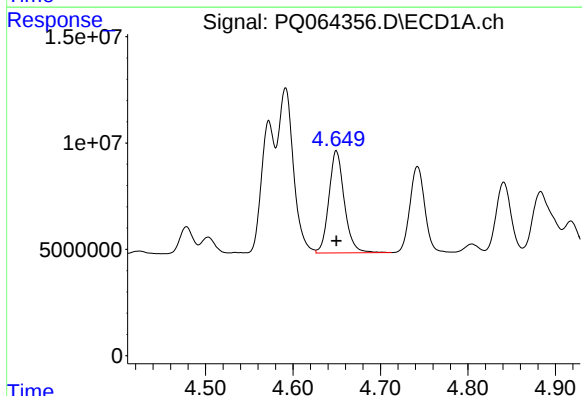
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 94765733
Conc: 610.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



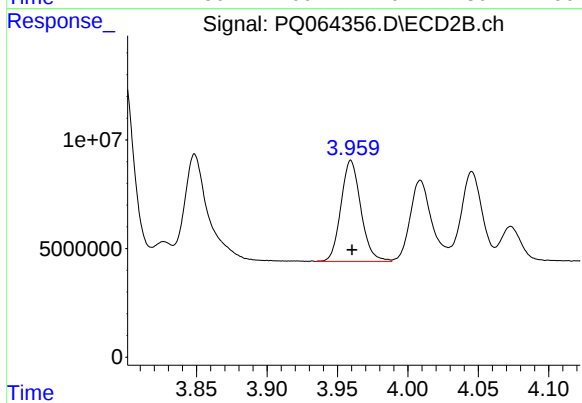
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 84881780
Conc: 549.43 ng/ml



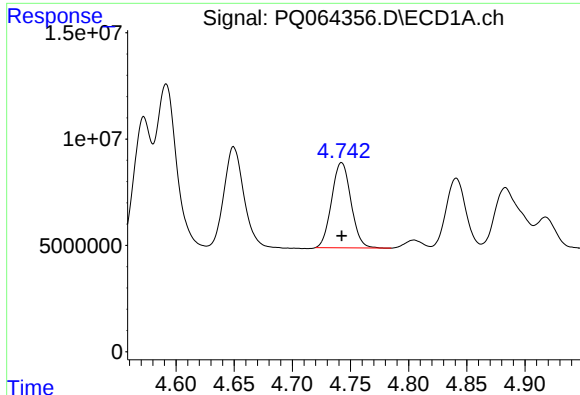
#18 AR-1242-3

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 58701306
Conc: 606.05 ng/ml



#18 AR-1242-3

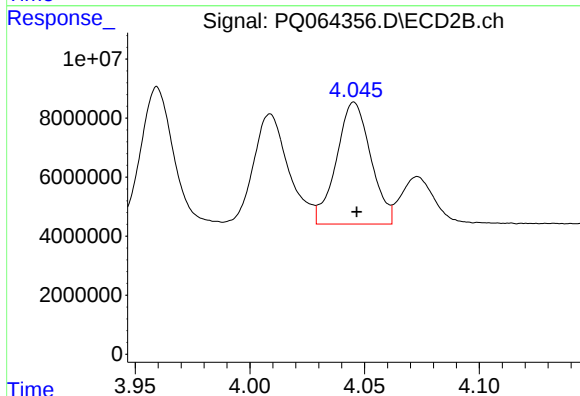
R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 45728586
Conc: 557.60 ng/ml



#19 AR-1242-4

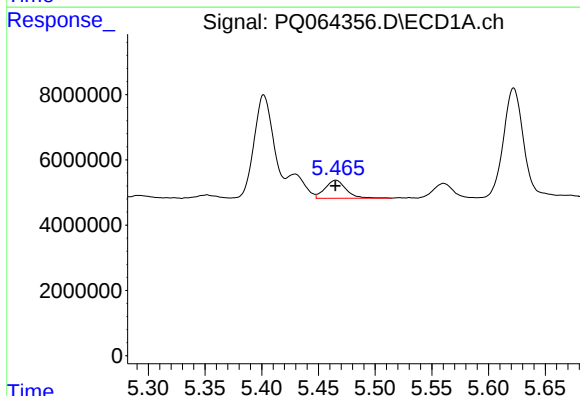
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 46373873
Conc: 610.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



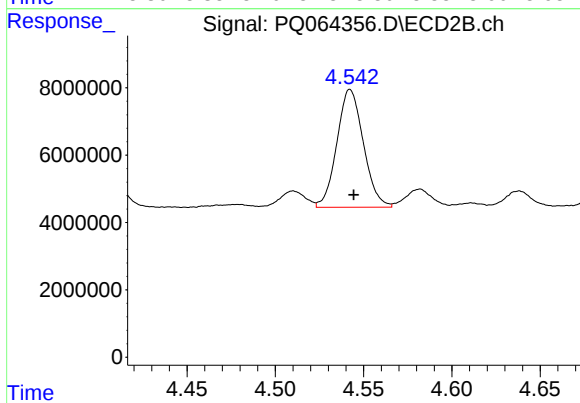
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 43085954
Conc: 552.19 ng/ml



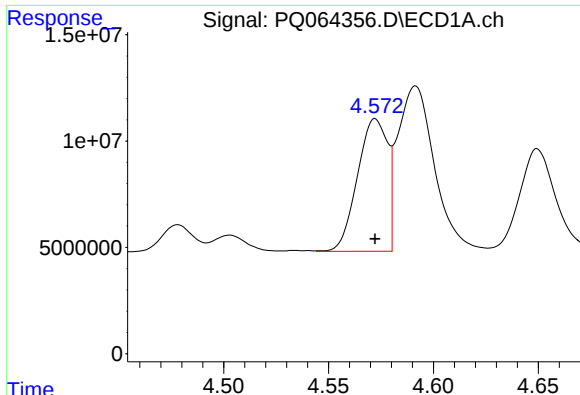
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 7120989
Conc: 85.78 ng/ml



#20 AR-1242-5

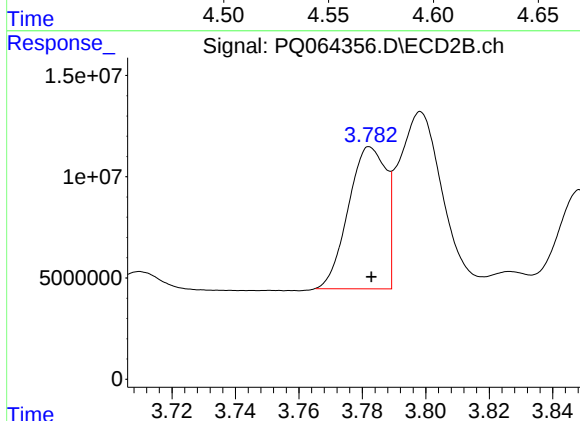
R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 36552497
Conc: 379.04 ng/ml



#21 AR-1248-1

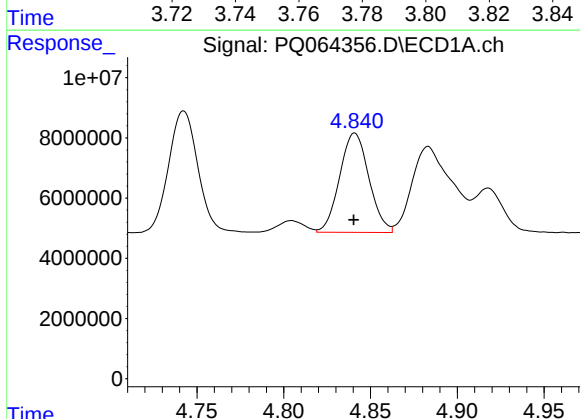
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 61971847
Conc: 795.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



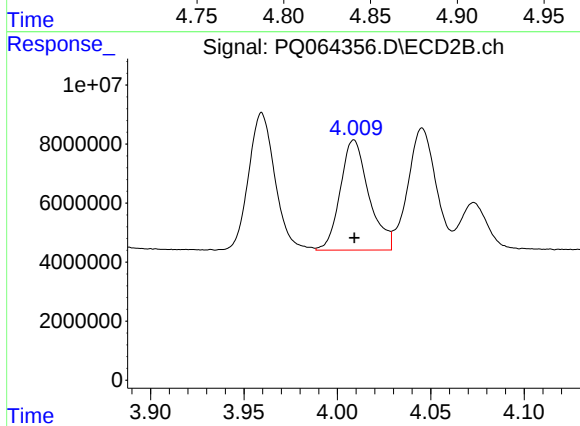
#21 AR-1248-1

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 57320510
Conc: 708.44 ng/ml



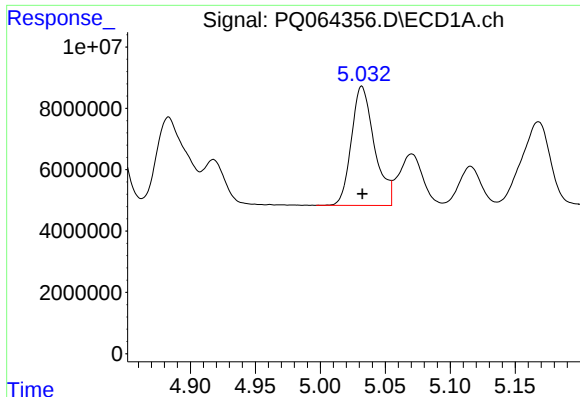
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 38758314
Conc: 347.30 ng/ml



#22 AR-1248-2

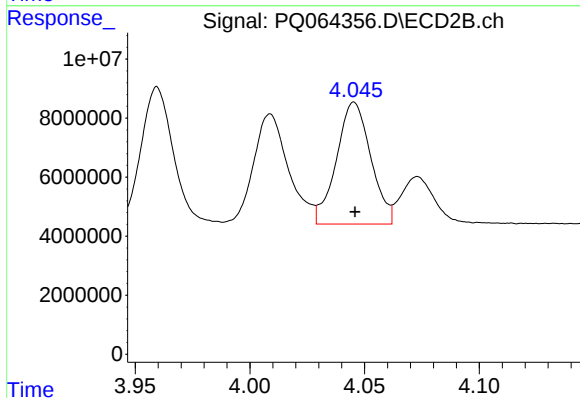
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 39805225
Conc: 324.71 ng/ml



#23 AR-1248-3

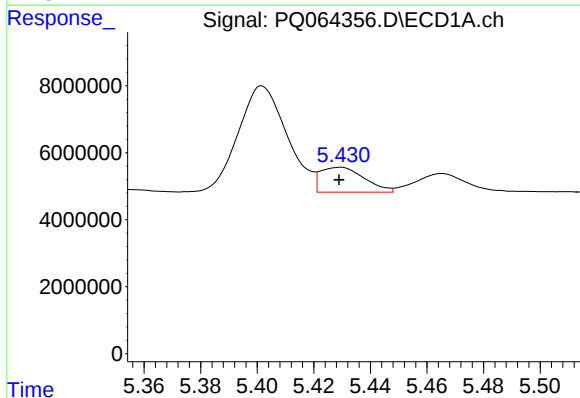
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 47834930
Conc: 359.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



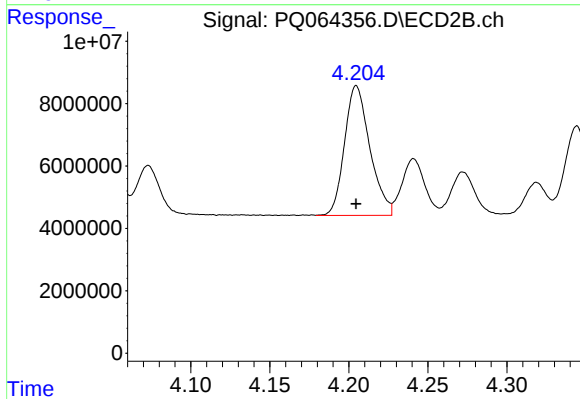
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 43085954
Conc: 369.23 ng/ml



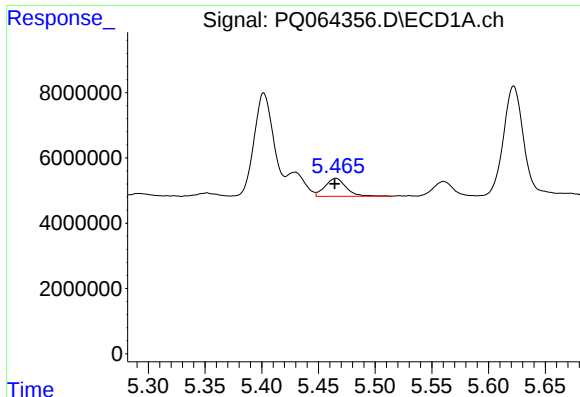
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 7996081
Conc: 55.87 ng/ml



#24 AR-1248-4

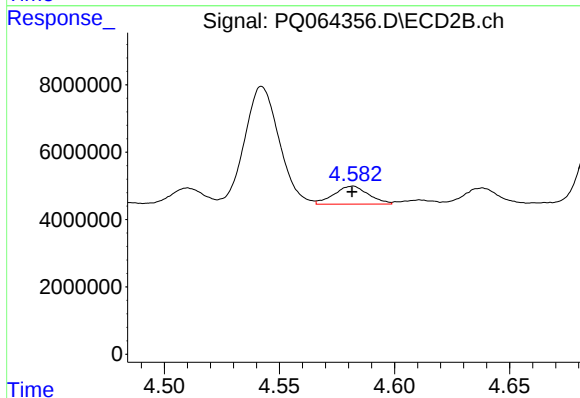
R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 46363674
Conc: 330.74 ng/ml



#25 AR-1248-5

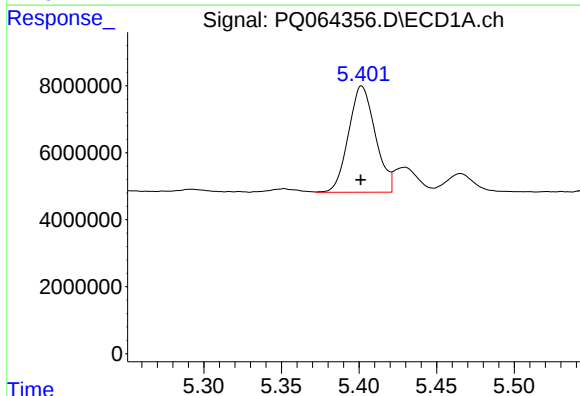
R.T.: 5.465 min
Delta R.T.: 0.001 min
Response: 7120989
Conc: 50.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



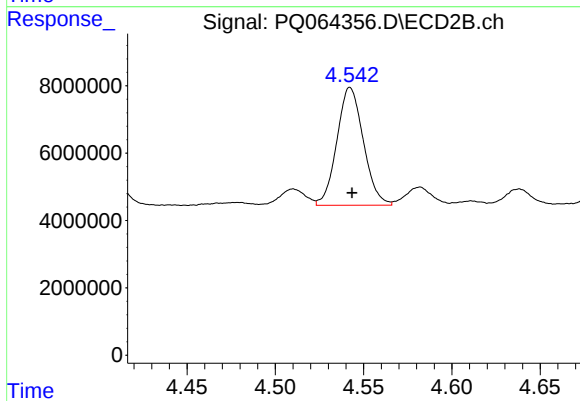
#25 AR-1248-5

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 5568619
Conc: 41.85 ng/ml



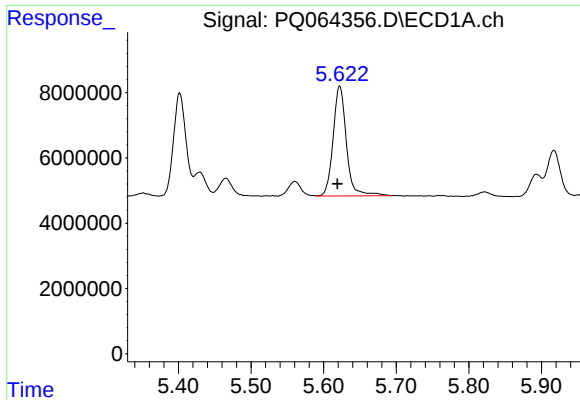
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 38064950
Conc: 248.52 ng/ml



#26 AR-1254-1

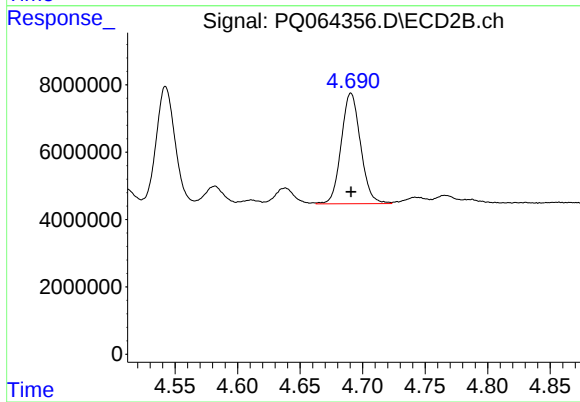
R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 36552497
Conc: 174.57 ng/ml



#27 AR-1254-2

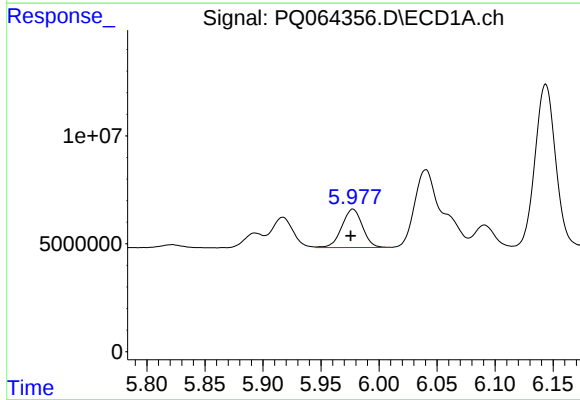
R.T.: 5.622 min
Delta R.T.: 0.003 min
Response: 42736879
Conc: 183.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



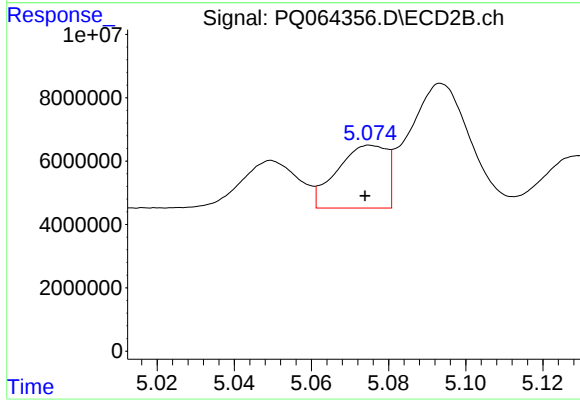
#27 AR-1254-2

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 35383560
Conc: 191.28 ng/ml



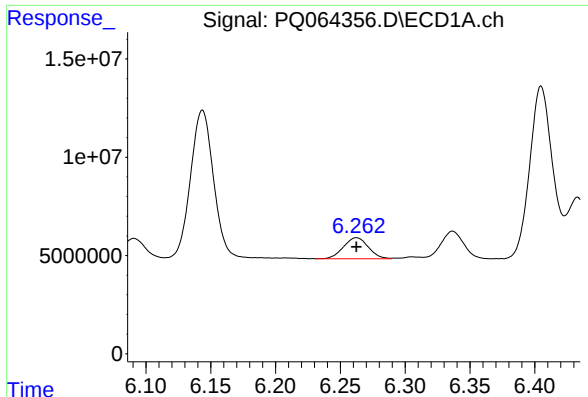
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 21964694
Conc: 89.36 ng/ml



#28 AR-1254-3

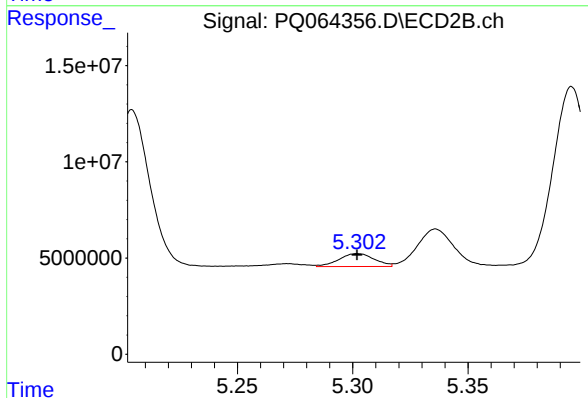
R.T.: 5.075 min
Delta R.T.: 0.001 min
Response: 17732895
Conc: 62.68 ng/ml



#29 AR-1254-4

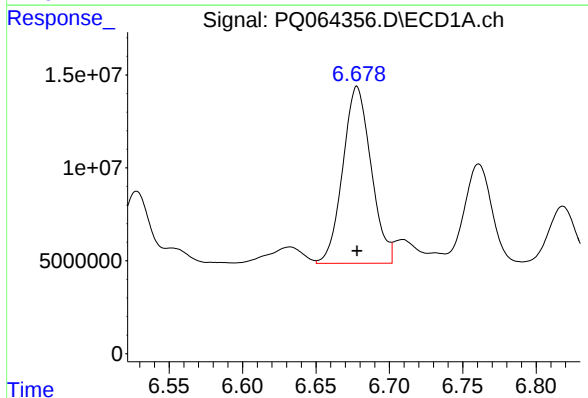
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 14309629
Conc: 82.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



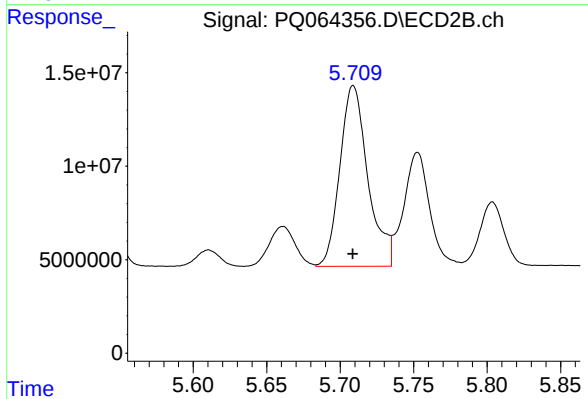
#29 AR-1254-4

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 7171712
Conc: 38.63 ng/ml



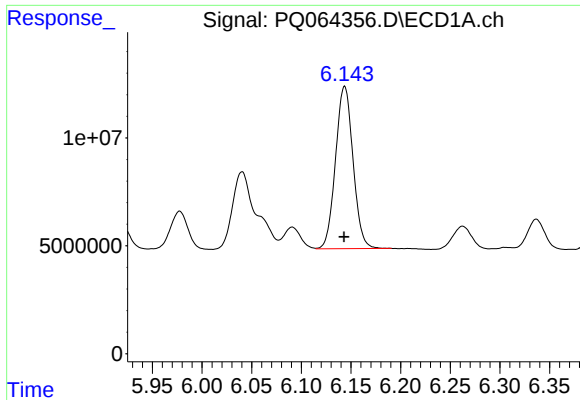
#30 AR-1254-5

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 127705315
Conc: 661.68 ng/ml



#30 AR-1254-5

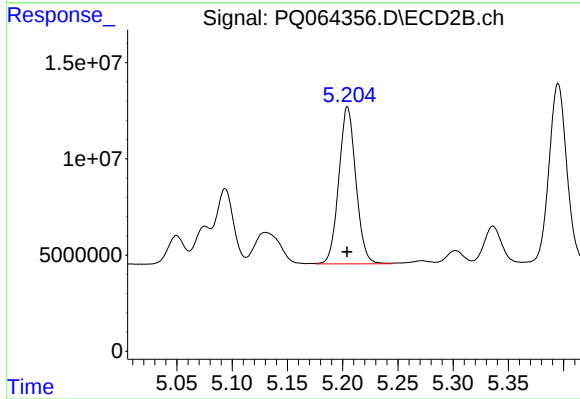
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 128228052
Conc: 493.85 ng/ml



#31 AR-1260-1

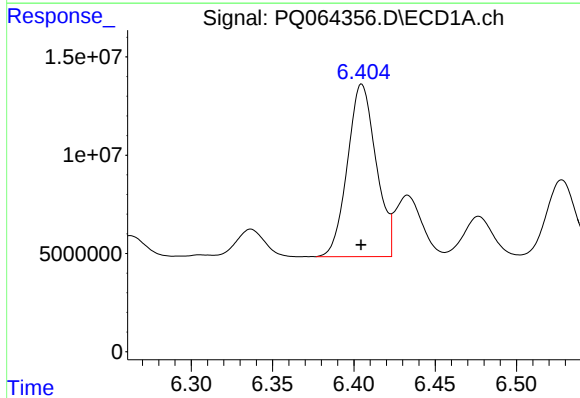
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 92339156
Conc: 493.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



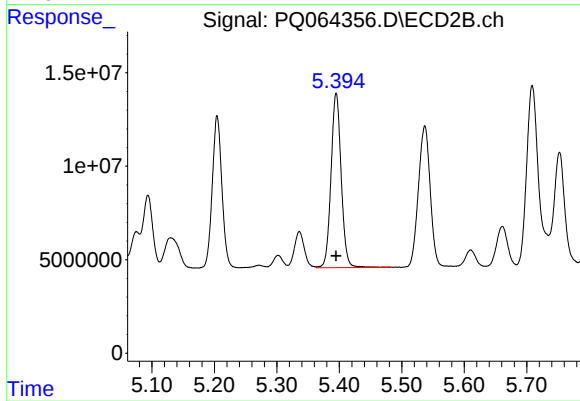
#31 AR-1260-1

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 87764956
Conc: 453.82 ng/ml



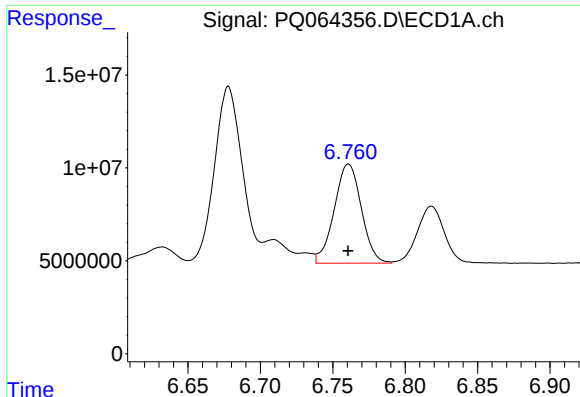
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 107665252
Conc: 496.61 ng/ml



#32 AR-1260-2

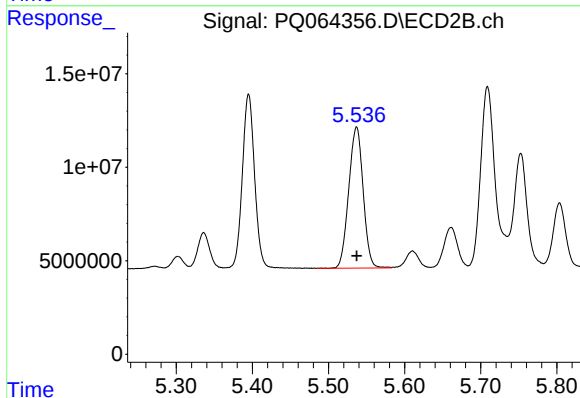
R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 105507540
Conc: 453.35 ng/ml



#33 AR-1260-3

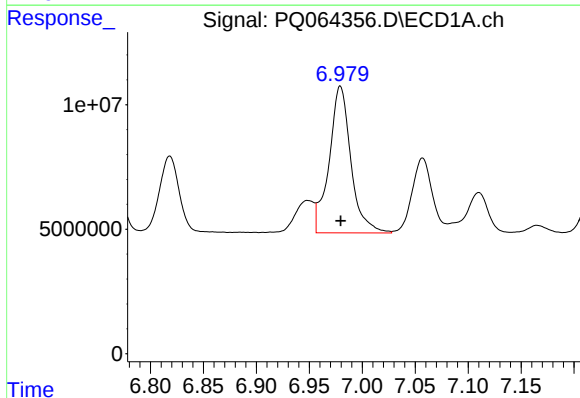
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 69660009
Conc: 427.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



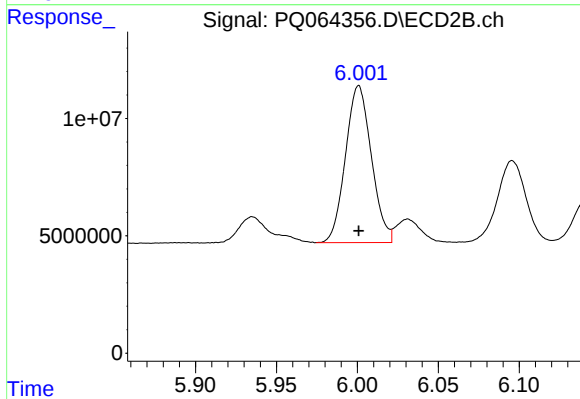
#33 AR-1260-3

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 99445708
Conc: 457.50 ng/ml



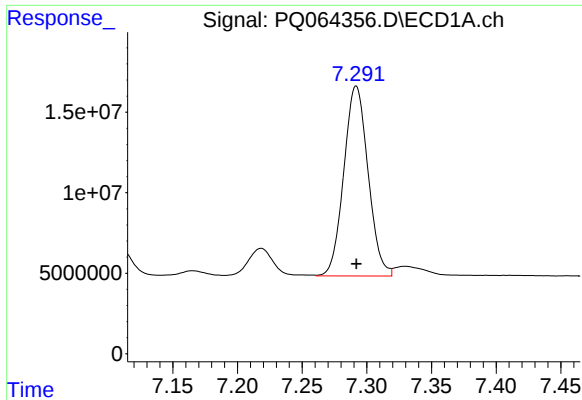
#34 AR-1260-4

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 84102138
Conc: 490.25 ng/ml



#34 AR-1260-4

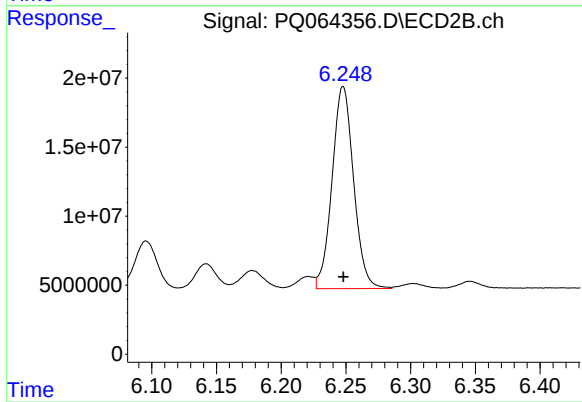
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 74516174
Conc: 404.54 ng/ml



#35 AR-1260-5

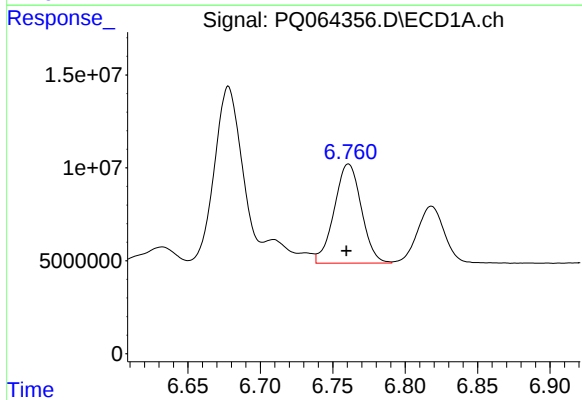
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 154121790
Conc: 456.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



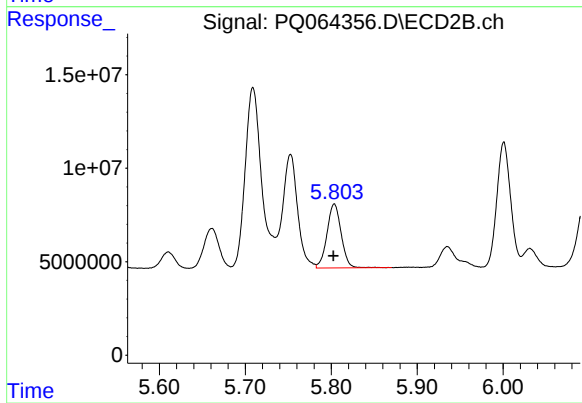
#35 AR-1260-5

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 169626880
Conc: 391.18 ng/ml



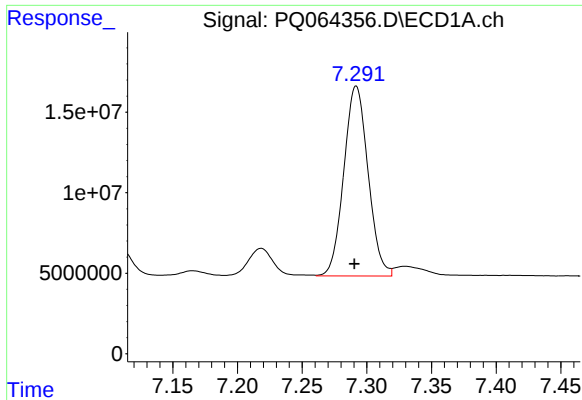
#36 AR-1262-1

R.T.: 6.761 min
Delta R.T.: 0.001 min
Response: 69660009
Conc: 283.15 ng/ml



#36 AR-1262-1

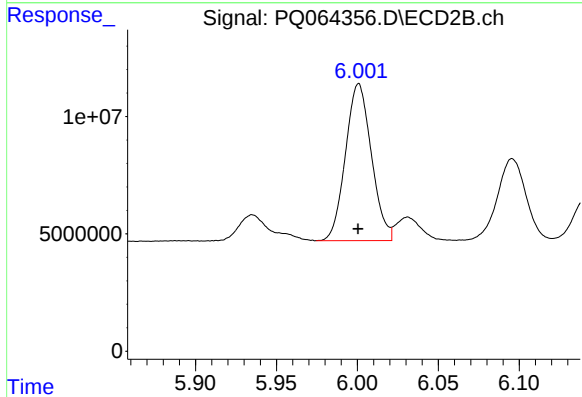
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 39143086
Conc: 343.65 ng/ml



#37 AR-1262-2

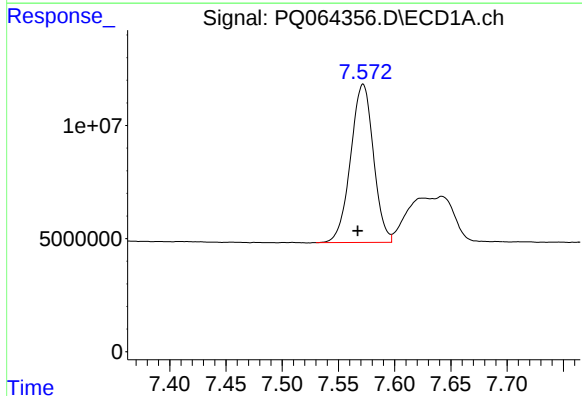
R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 154121790
Conc: 384.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



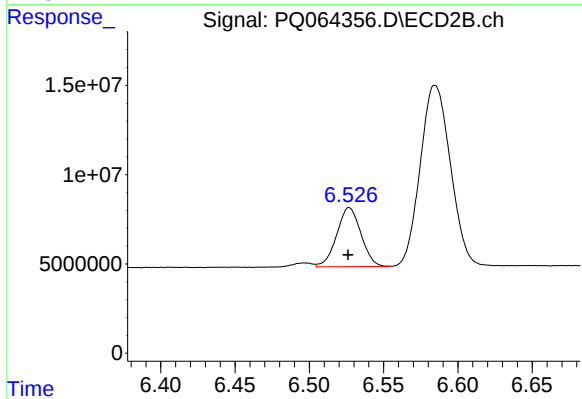
#37 AR-1262-2

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 74516174
Conc: 292.52 ng/ml



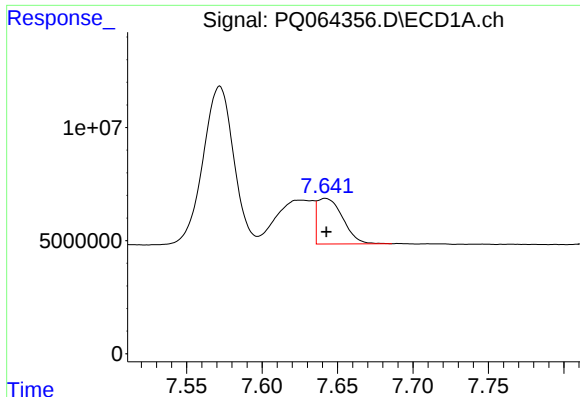
#38 AR-1262-3

R.T.: 7.572 min
Delta R.T.: 0.005 min
Response: 98806937
Conc: 365.31 ng/ml



#38 AR-1262-3

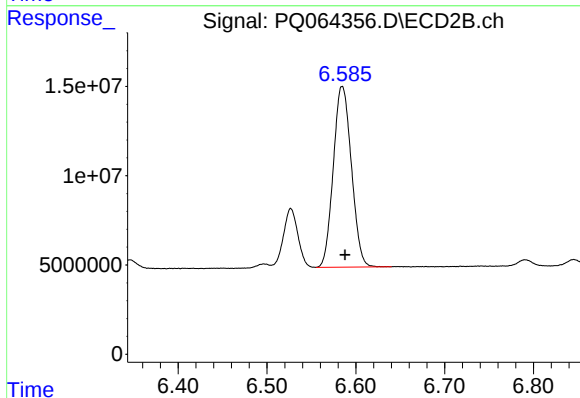
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 37646047
Conc: 167.17 ng/ml



#39 AR-1262-4

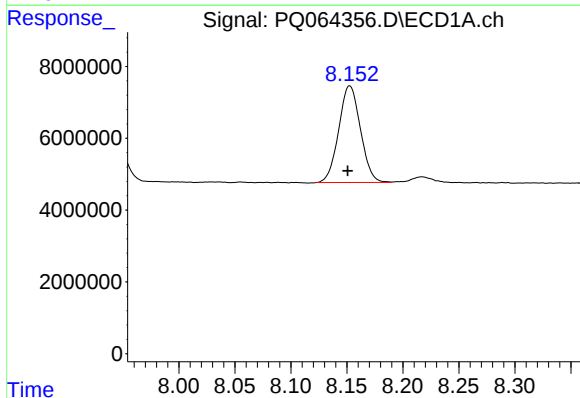
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 23780670
Conc: 112.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



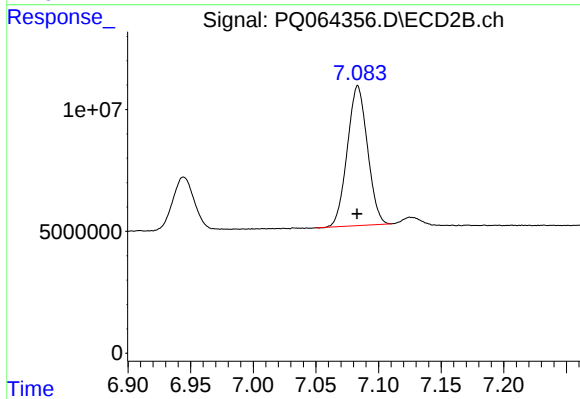
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 143411897
Conc: 331.37 ng/ml



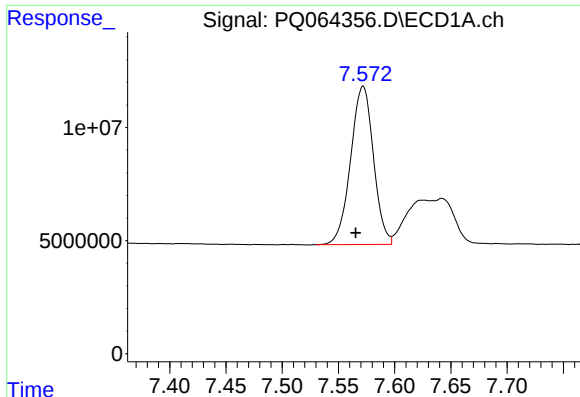
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 36392415
Conc: 267.01 ng/ml



#40 AR-1262-5

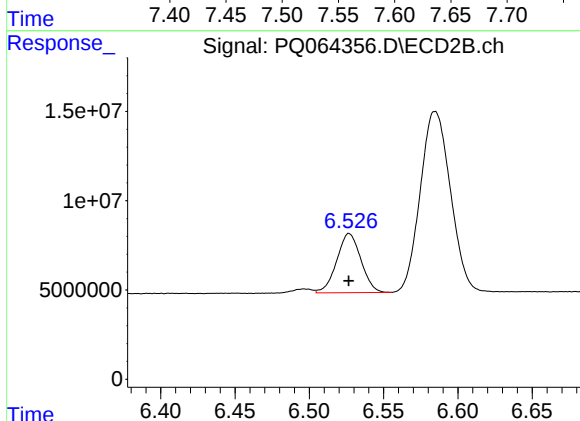
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 64198579
Conc: 244.56 ng/ml



#41 AR-1268-1

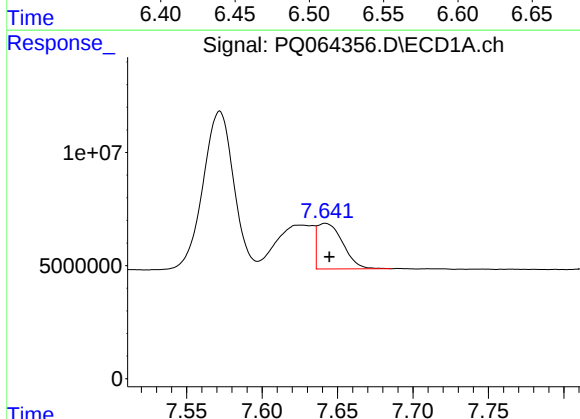
R.T.: 7.572 min
Delta R.T.: 0.007 min
Response: 98806937
Conc: 206.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



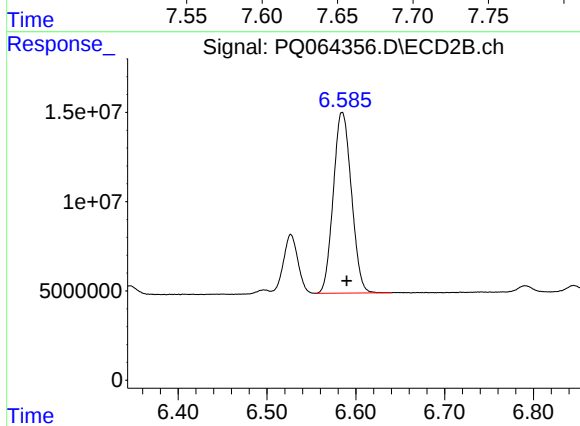
#41 AR-1268-1

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 37646047
Conc: 57.19 ng/ml



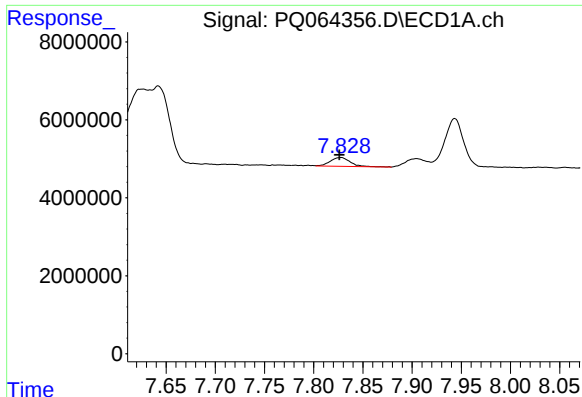
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 23780670
Conc: 54.69 ng/ml



#42 AR-1268-2

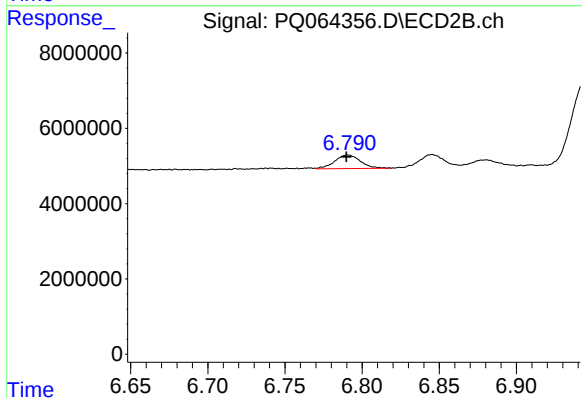
R.T.: 6.585 min
Delta R.T.: -0.005 min
Response: 143411897
Conc: 231.00 ng/ml



#43 AR-1268-3

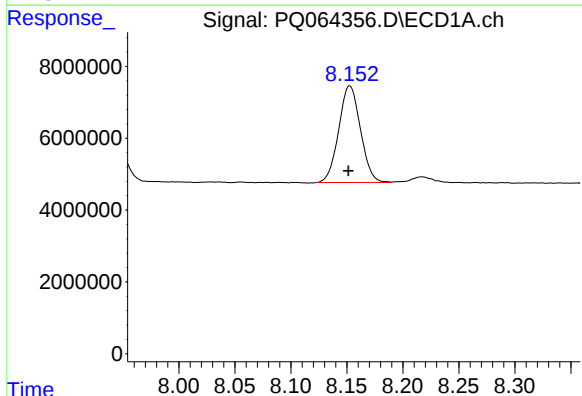
R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 3119911
Conc: 8.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



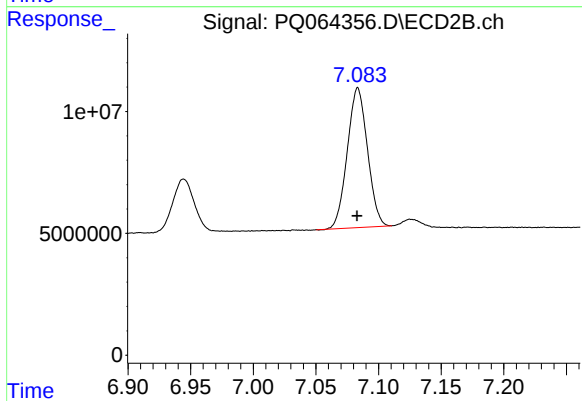
#43 AR-1268-3

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 4237892
Conc: 6.62 ng/ml



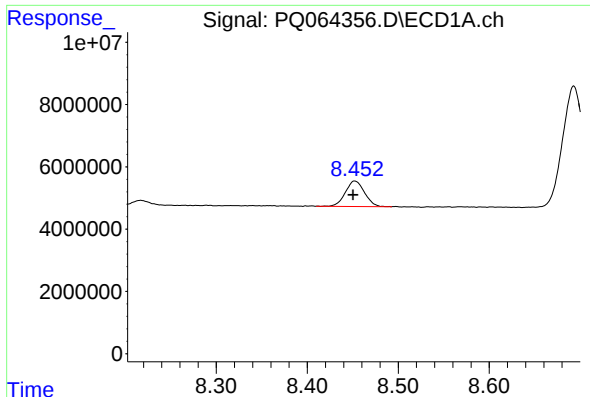
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 36392415
Conc: 237.76 ng/ml



#44 AR-1268-4

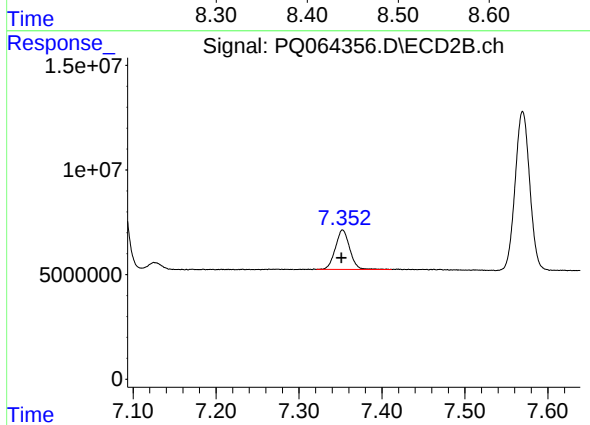
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 64198579
Conc: 213.33 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.002 min
Response: 11902624
Conc: 10.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 22720481
Conc: 12.03 ng/ml