

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111623\
 Data File : PQ064183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2023 22:20
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 01:07:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.459	2.776	91324915	90474462	19.928	20.151
2)	SA Decachlor...	8.691	7.572	128.1E6	164.8E6	38.779	30.742
Target Compounds							
3)	L1 AR-1016-1	4.573	3.786	47901366	43101657	334.024	319.235
4)	L1 AR-1016-2	4.592	3.801	71622642	62874635	326.968	319.525
5)	L1 AR-1016-3	4.651	3.963	44810150	33945647	327.532	322.409
6)	L1 AR-1016-4	4.743	4.012	36688803	28498489	325.480	320.957
7)	L1 AR-1016-5	5.034	4.208	37093555	34966765	332.638	323.348
8)	L2 AR-1221-1	3.659	2.978	5828839	5529535	105.431	101.841
9)	L2 AR-1221-2	3.741	3.057	6597920	6865982	181.044	184.863
10)	L2 AR-1221-3	3.812	3.126	27795675	29048864	225.341	232.883
11)	L3 AR-1232-1	3.812	3.126	27795675	29048864	273.877	279.045
12)	L3 AR-1232-2	4.312	3.801	37979546	62874635	749.585	686.227
13)	L3 AR-1232-3	4.592	3.963	71622642	33945647	737.375	713.504
14)	L3 AR-1232-4	4.743	4.049	36688803	31892049	730.787	790.216
15)	L3 AR-1232-5	4.841	4.208	28469641	34966765	788.234	751.130
16)	L4 AR-1242-1	4.573	3.786	47901366	43101657	399.331	376.411
17)	L4 AR-1242-2	4.592	3.801	71622642	62874635	397.646	377.963
18)	L4 AR-1242-3	4.651	3.963	44810150	33945647	399.310	384.964
19)	L4 AR-1242-4	4.743	4.049	36688803	31892049	398.580	387.674
20)	L4 AR-1242-5	5.465	4.547	37986056	39882699	397.421	375.052
21)	L5 AR-1248-1	4.573	3.786	47901366	43101657	516.333	482.754
22)	L5 AR-1248-2	4.841	4.012	28469641	28498489	215.346	218.332
23)	L5 AR-1248-3	5.034	4.049	37093555	31892049	236.473	256.407
24)	L5 AR-1248-4	5.430	4.208	36742335	34966765	214.026	231.036
25)	L5 AR-1248-5	5.465	4.584	37986056	33813052	226.315	228.468
26)	L6 AR-1254-1	5.401	4.547	28450221	39882699	163.942	182.254
27)	L6 AR-1254-2	5.618	4.694	33213164	9710011	123.567	50.961 #
28)	L6 AR-1254-3	5.977	5.076	13691737	13113523	49.820	44.148
29)	L6 AR-1254-4	6.264	5.304	10250447	9323549	51.348	49.394
30)	L6 AR-1254-5	6.679	5.712	2461632	3374468	11.250	12.404
31)	L7 AR-1260-1	6.144	5.210	1599738	5506775	7.315	26.205 #
32)	L7 AR-1260-2	6.406	5.397	1410541	990231	5.417	3.976 #
33)	L7 AR-1260-3	6.711f	5.535	266672	1873115	1.390	7.888 #
34)	L7 AR-1260-4	6.957	6.034	1132791	1495782	5.274	7.394 #
35)	L7 AR-1260-5	7.246f	6.249	1137466	245709	2.811	0.526 #
36)	L8 AR-1262-1	6.711f	5.712f	266672	3374468	0.943	11.644 #
37)	L8 AR-1262-2	7.246f	6.249	1137466	245709	2.474	0.470 #
38)	L8 AR-1262-3	7.635f	0.000	300003	0	0.969	N.D. #
39)	L8 AR-1262-4	7.635	0.000	300003	0	1.258	N.D. #
40)	L8 AR-1262-5	8.149	0.000	290432	0	1.850	N.D. #
41)	L9 AR-1268-1	7.635f	0.000	300003	0	0.560	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111623\
 Data File : PQ064183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2023 22:20
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 01:07:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

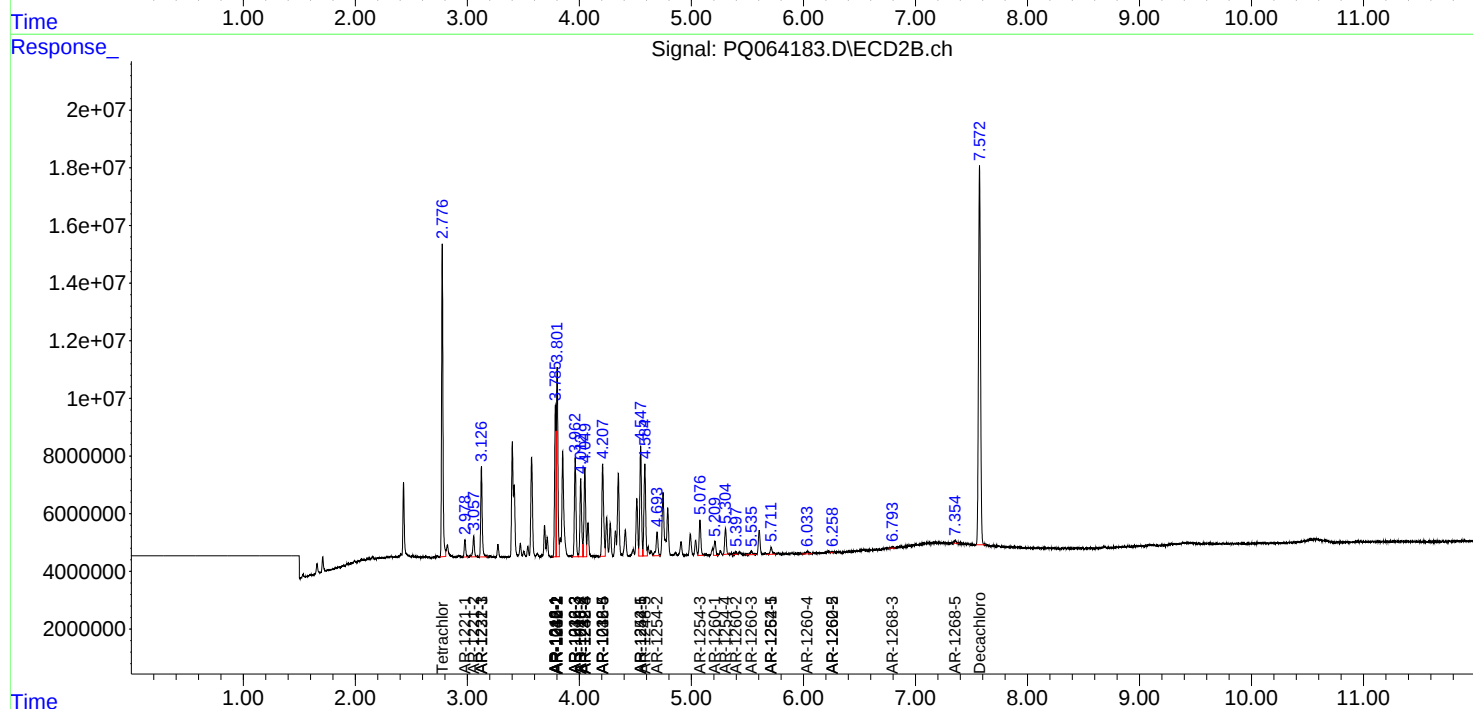
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

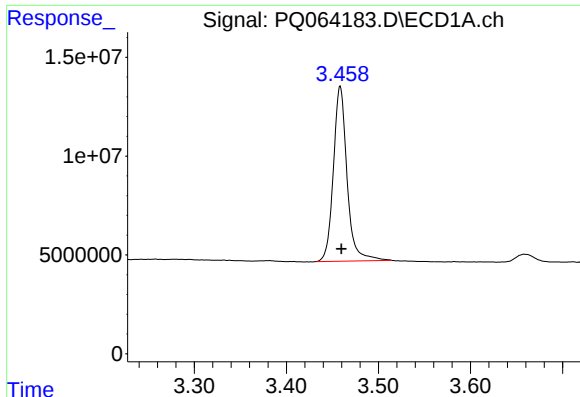
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.635	0.000	300003	0	0.619	N.D. #
43) L9	AR-1268-3	0.000	6.794	0	565076	N.D.	1.154 #
44) L9	AR-1268-4	8.149	0.000	290432	0	1.672	N.D. #
45) L9	AR-1268-5	8.452	7.355	1116597	1209261	0.908	0.668 #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

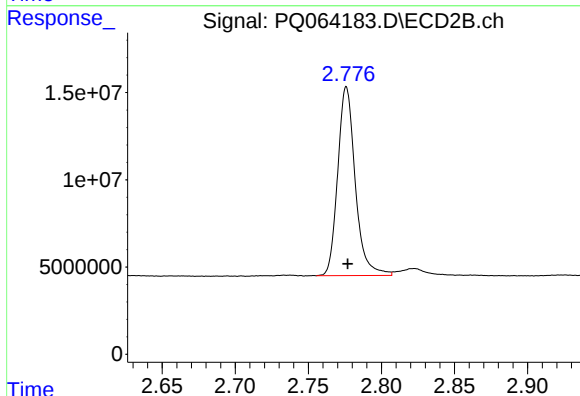




#1 Tetrachloro-m-xylene

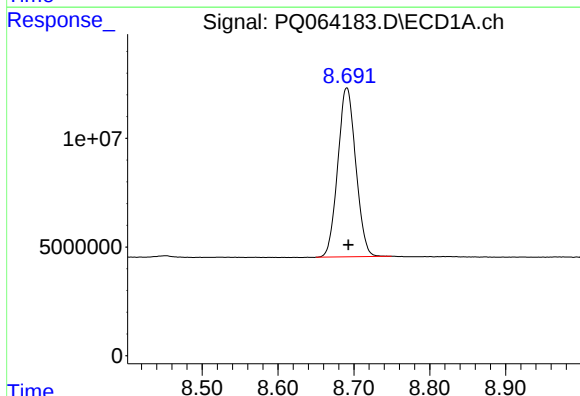
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 91324915
Conc: 19.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



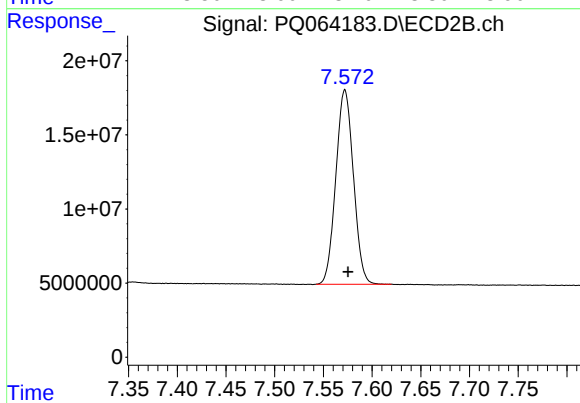
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 90474462
Conc: 20.15 ng/ml



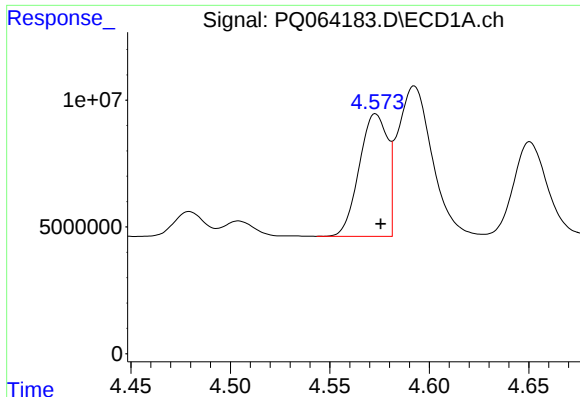
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 128084959
Conc: 38.78 ng/ml



#2 Decachlorobiphenyl

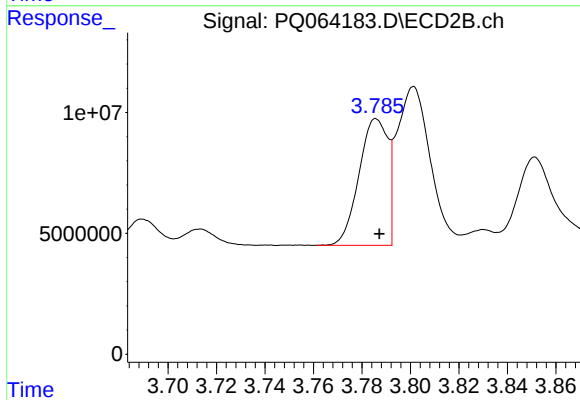
R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 164764623
Conc: 30.74 ng/ml



#3 AR-1016-1

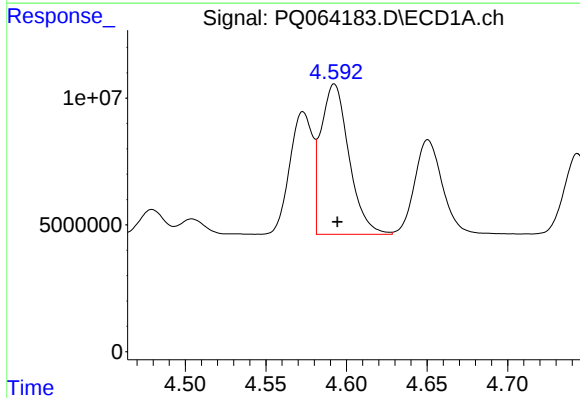
R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 47901366
Conc: 334.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



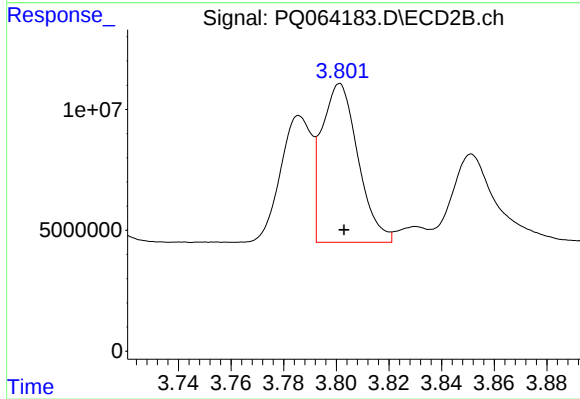
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.001 min
Response: 43101657
Conc: 319.23 ng/ml



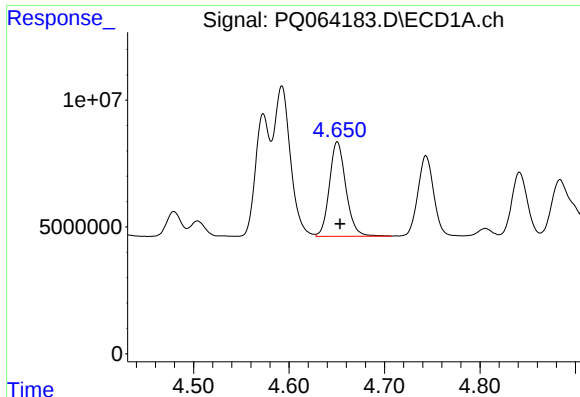
#4 AR-1016-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 71622642
Conc: 326.97 ng/ml



#4 AR-1016-2

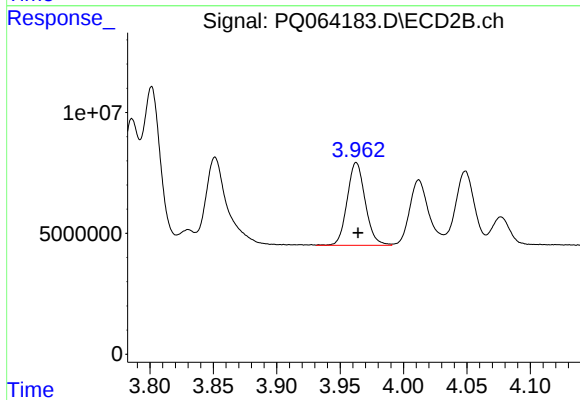
R.T.: 3.801 min
Delta R.T.: -0.002 min
Response: 62874635
Conc: 319.53 ng/ml



#5 AR-1016-3

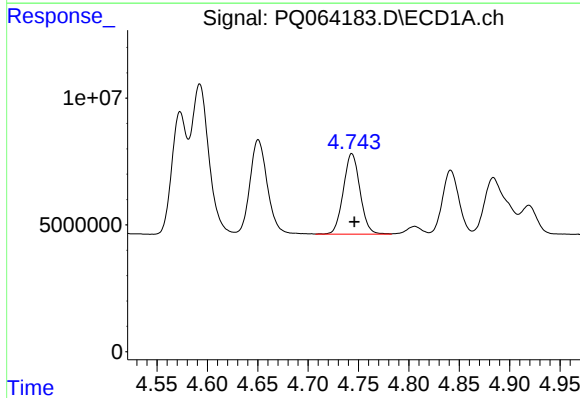
R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 44810150
Conc: 327.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



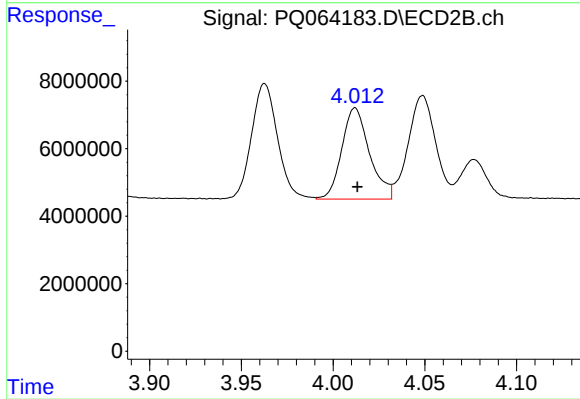
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.001 min
Response: 33945647
Conc: 322.41 ng/ml



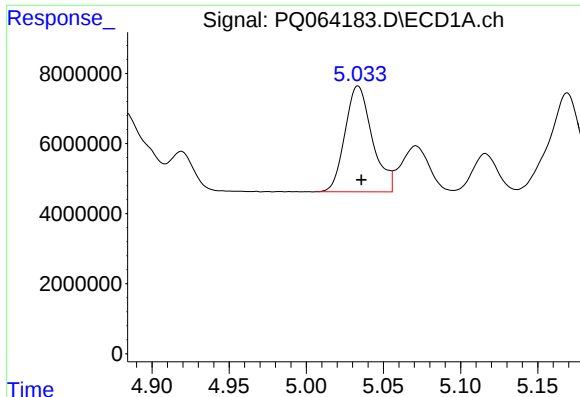
#6 AR-1016-4

R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 36688803
Conc: 325.48 ng/ml



#6 AR-1016-4

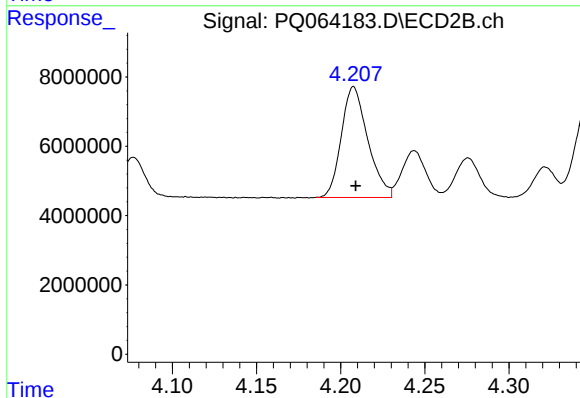
R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 28498489
Conc: 320.96 ng/ml



#7 AR-1016-5

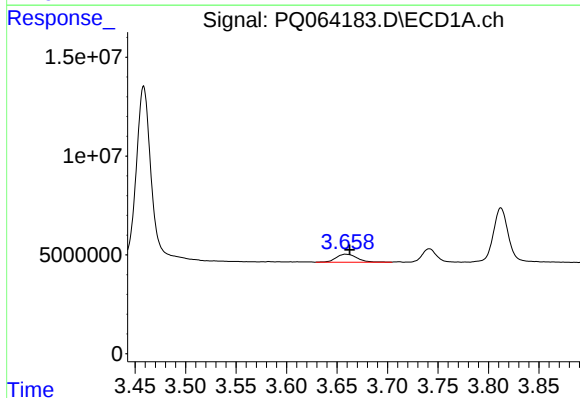
R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 37093555
Conc: 332.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



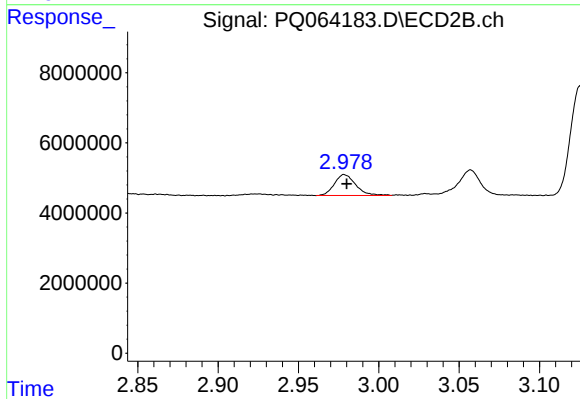
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 34966765
Conc: 323.35 ng/ml



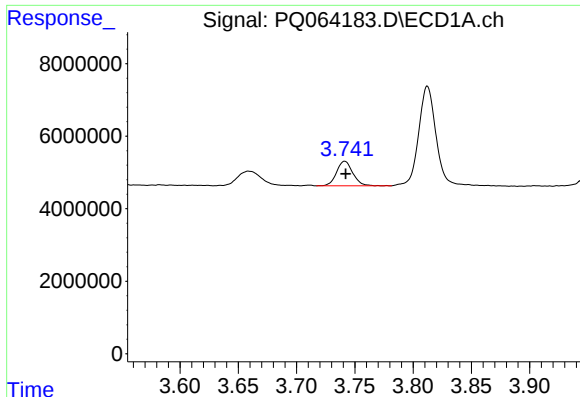
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 5828839
Conc: 105.43 ng/ml



#8 AR-1221-1

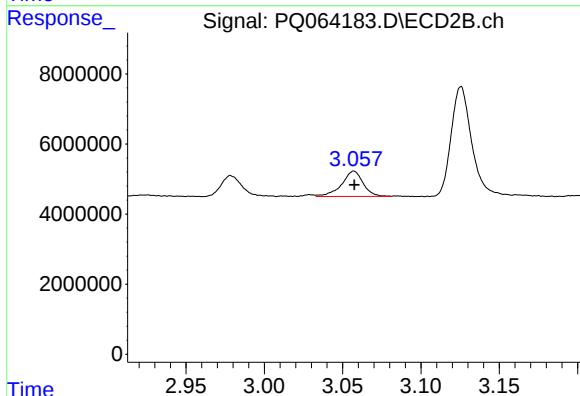
R.T.: 2.978 min
Delta R.T.: -0.002 min
Response: 5529535
Conc: 101.84 ng/ml



#9 AR-1221-2

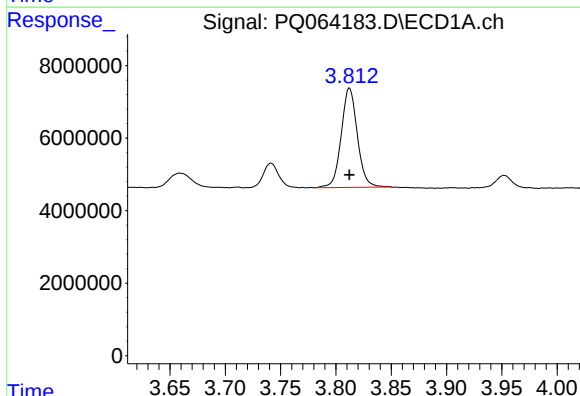
R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 6597920
Conc: 181.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



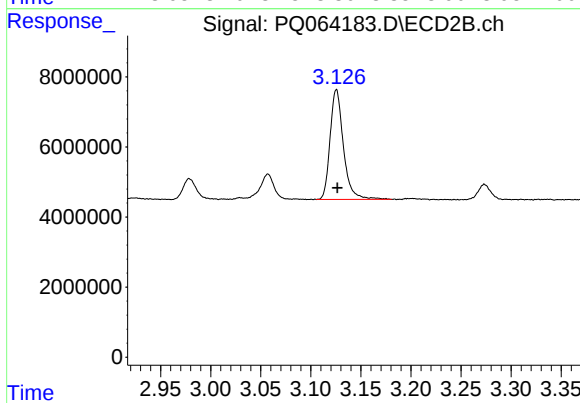
#9 AR-1221-2

R.T.: 3.057 min
Delta R.T.: 0.000 min
Response: 6865982
Conc: 184.86 ng/ml



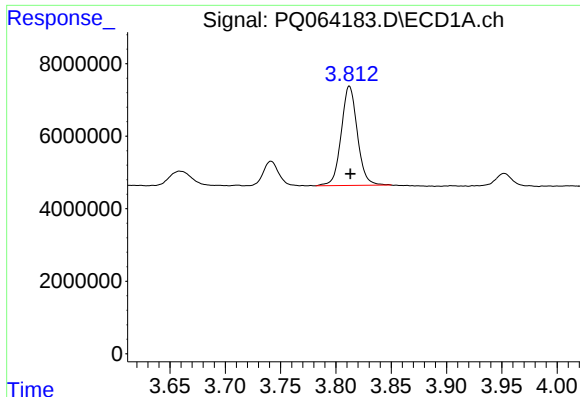
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 27795675
Conc: 225.34 ng/ml



#10 AR-1221-3

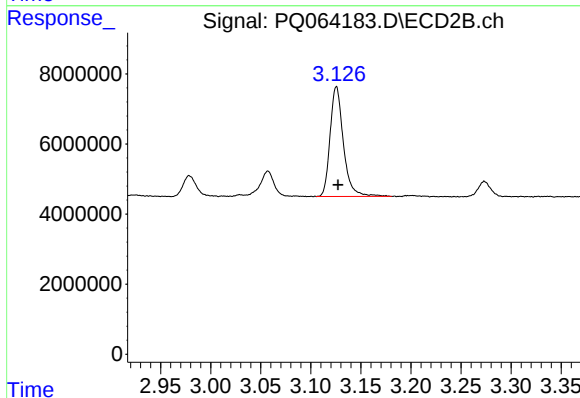
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 29048864
Conc: 232.88 ng/ml



#11 AR-1232-1

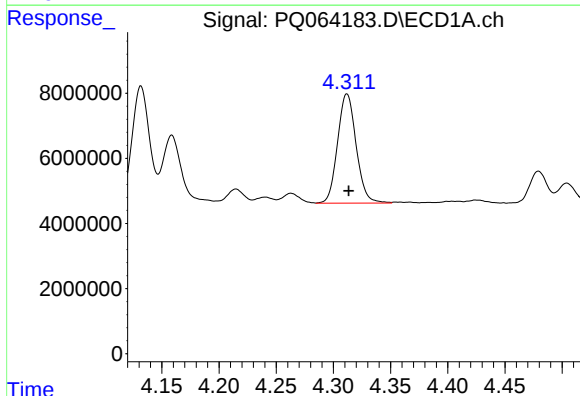
R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 27795675
Conc: 273.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



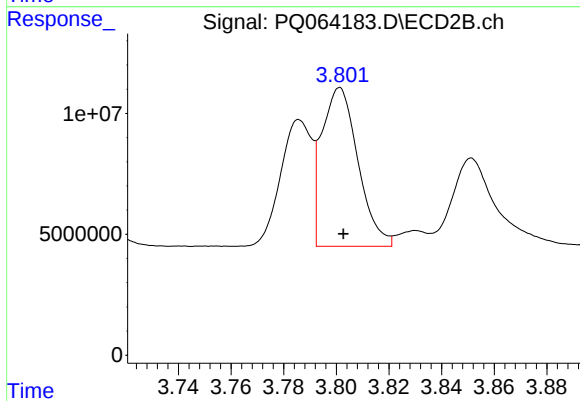
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 29048864
Conc: 279.04 ng/ml



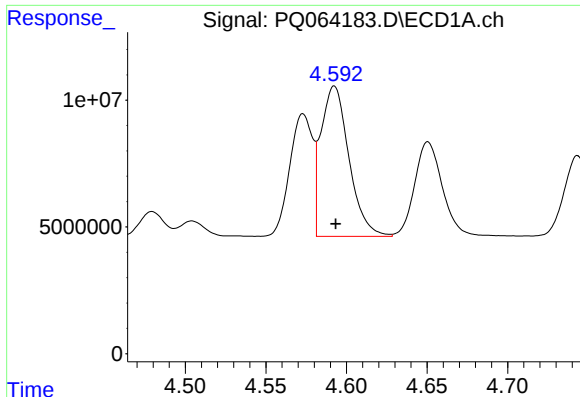
#12 AR-1232-2

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 37979546
Conc: 749.59 ng/ml



#12 AR-1232-2

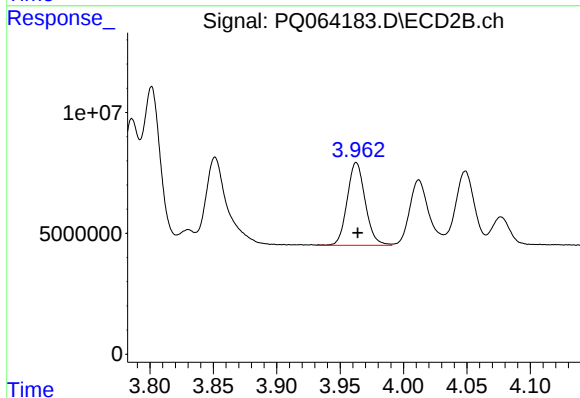
R.T.: 3.801 min
Delta R.T.: -0.001 min
Response: 62874635
Conc: 686.23 ng/ml



#13 AR-1232-3

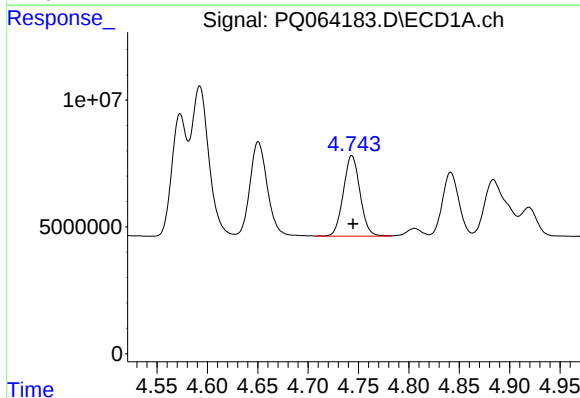
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 71622642
Conc: 737.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



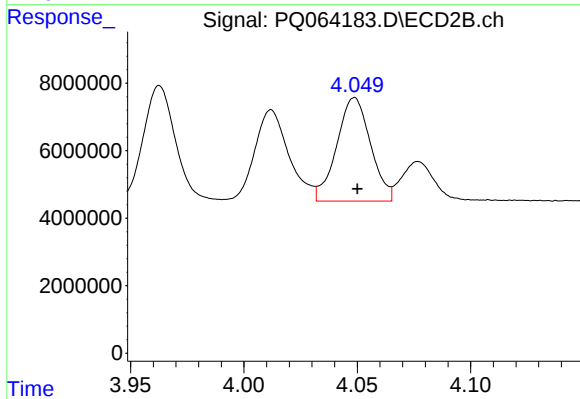
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.001 min
Response: 33945647
Conc: 713.50 ng/ml



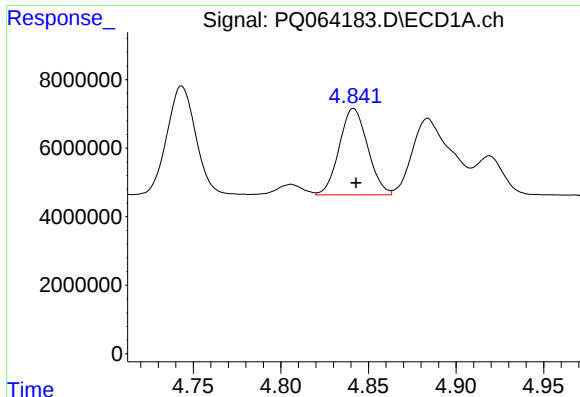
#14 AR-1232-4

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 36688803
Conc: 730.79 ng/ml



#14 AR-1232-4

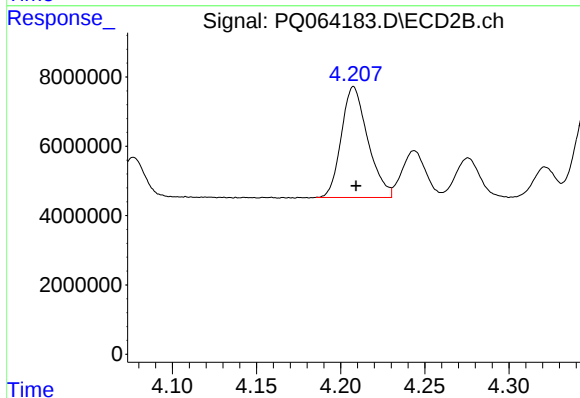
R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 31892049
Conc: 790.22 ng/ml



#15 AR-1232-5

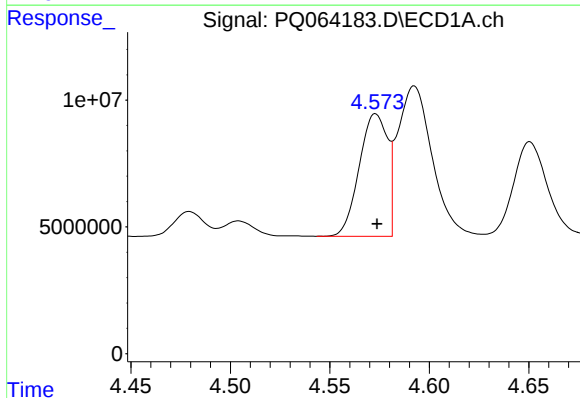
R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 28469641
Conc: 788.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



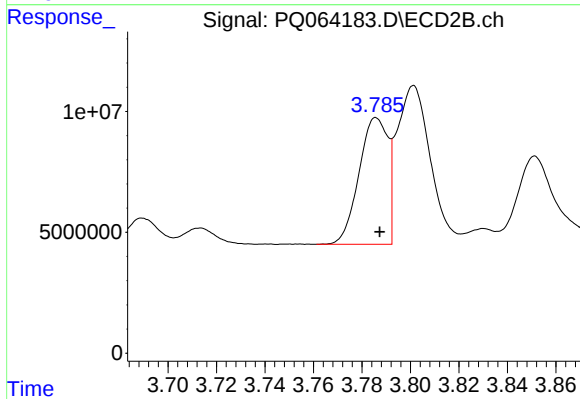
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 34966765
Conc: 751.13 ng/ml



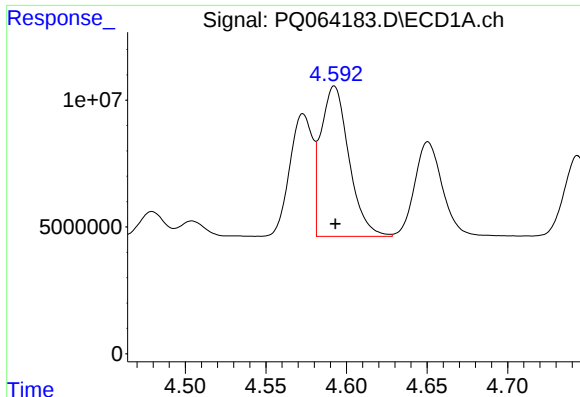
#16 AR-1242-1

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 47901366
Conc: 399.33 ng/ml



#16 AR-1242-1

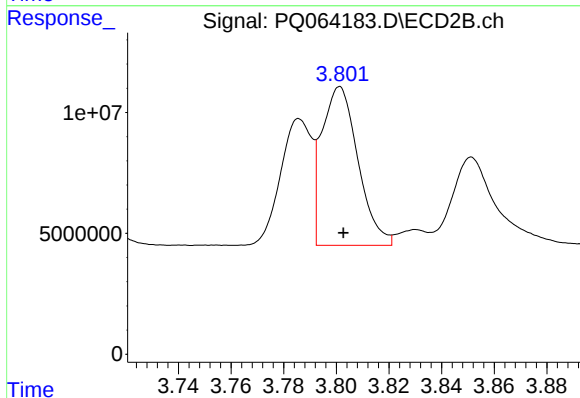
R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 43101657
Conc: 376.41 ng/ml



#17 AR-1242-2

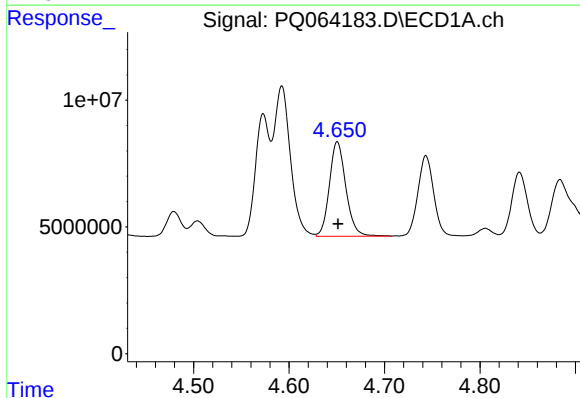
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 71622642
Conc: 397.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



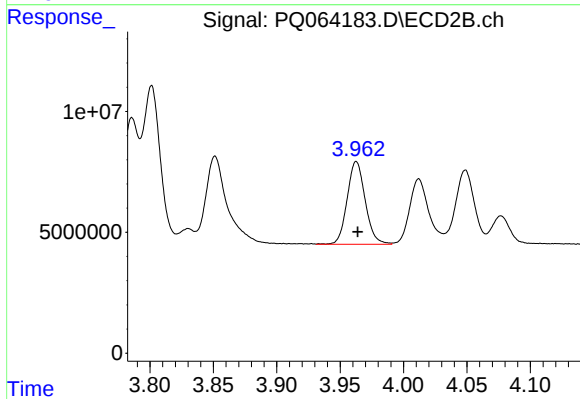
#17 AR-1242-2

R.T.: 3.801 min
Delta R.T.: -0.001 min
Response: 62874635
Conc: 377.96 ng/ml



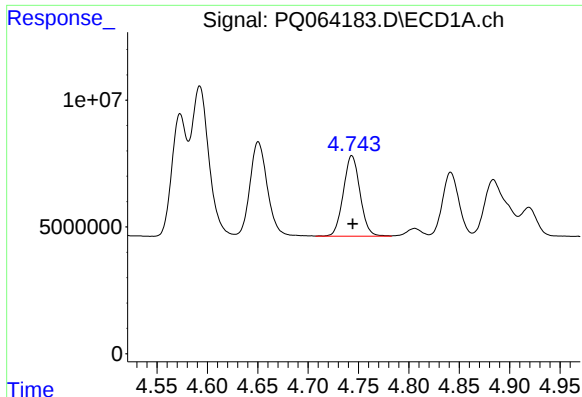
#18 AR-1242-3

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 44810150
Conc: 399.31 ng/ml



#18 AR-1242-3

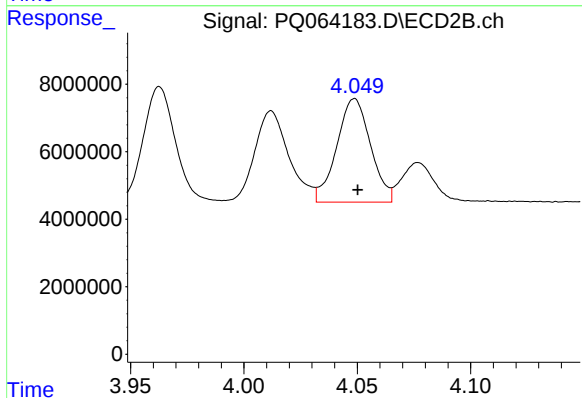
R.T.: 3.963 min
Delta R.T.: -0.001 min
Response: 33945647
Conc: 384.96 ng/ml



#19 AR-1242-4

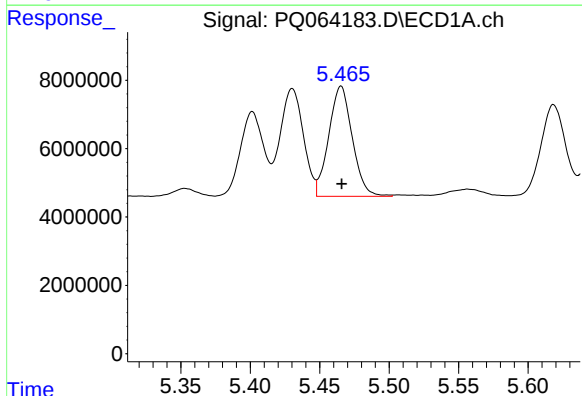
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 36688803
Conc: 398.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



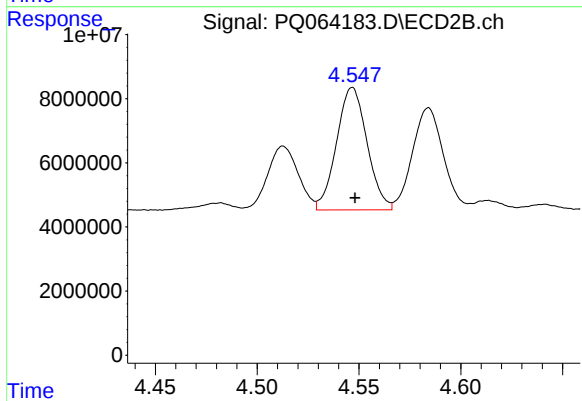
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 31892049
Conc: 387.67 ng/ml



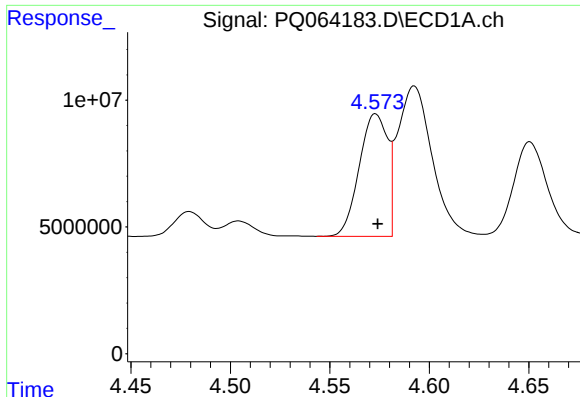
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 37986056
Conc: 397.42 ng/ml



#20 AR-1242-5

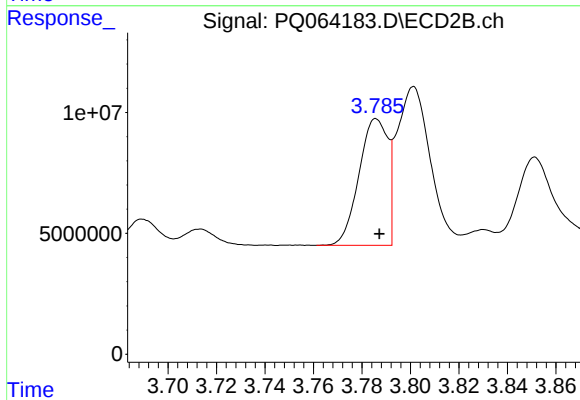
R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 39882699
Conc: 375.05 ng/ml



#21 AR-1248-1

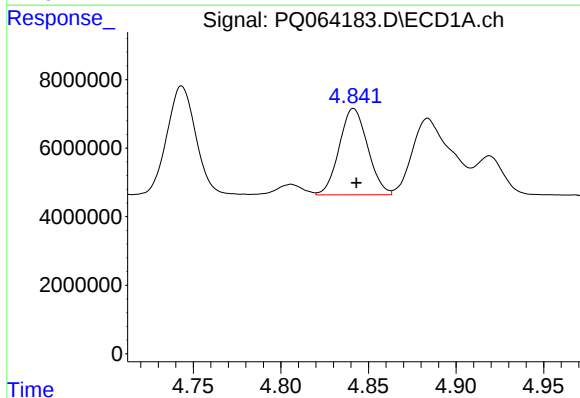
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 47901366
Conc: 516.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



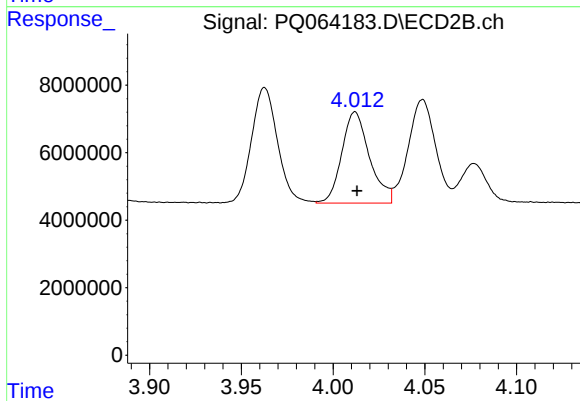
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.001 min
Response: 43101657
Conc: 482.75 ng/ml



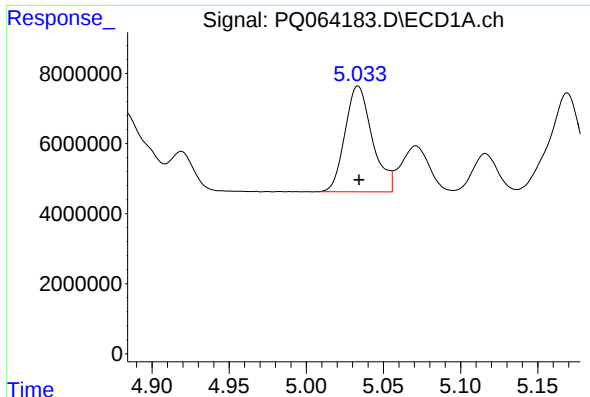
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: -0.002 min
Response: 28469641
Conc: 215.35 ng/ml



#22 AR-1248-2

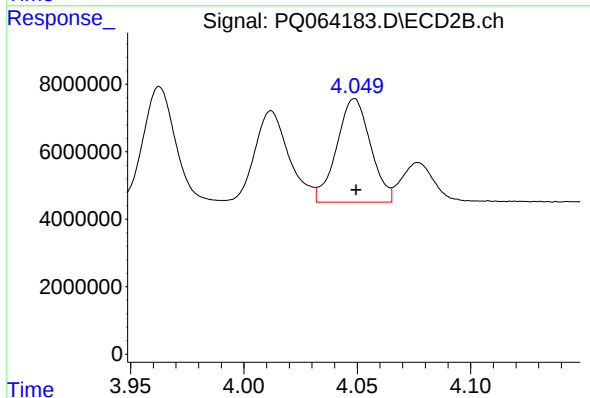
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 28498489
Conc: 218.33 ng/ml



#23 AR-1248-3

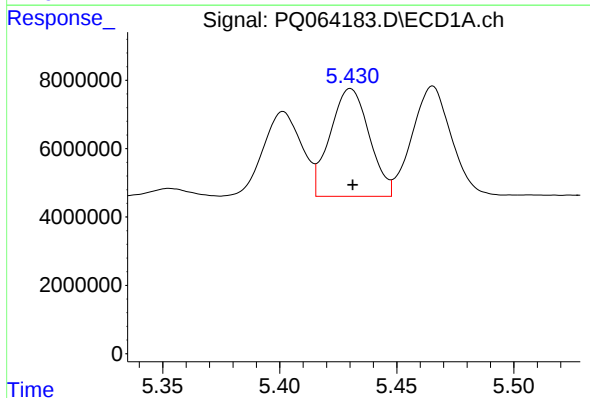
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 37093555
Conc: 236.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



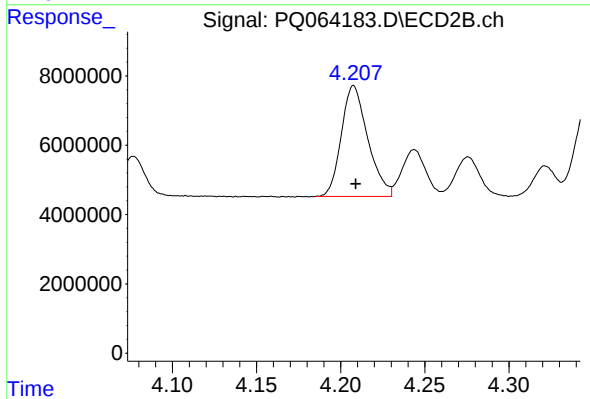
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 31892049
Conc: 256.41 ng/ml



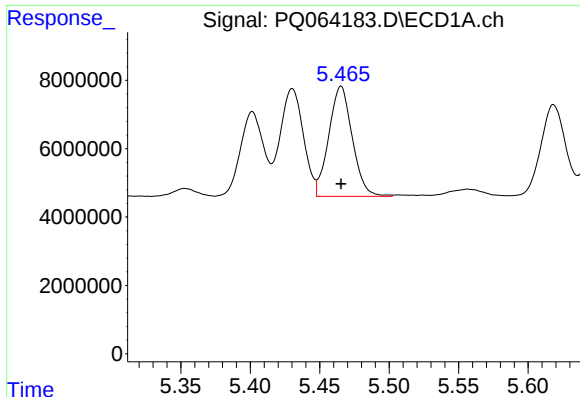
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 36742335
Conc: 214.03 ng/ml



#24 AR-1248-4

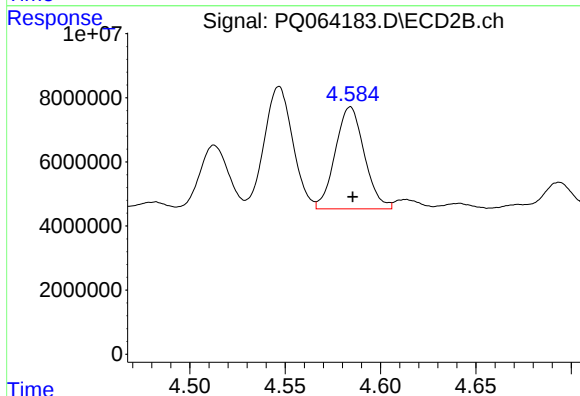
R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 34966765
Conc: 231.04 ng/ml



#25 AR-1248-5

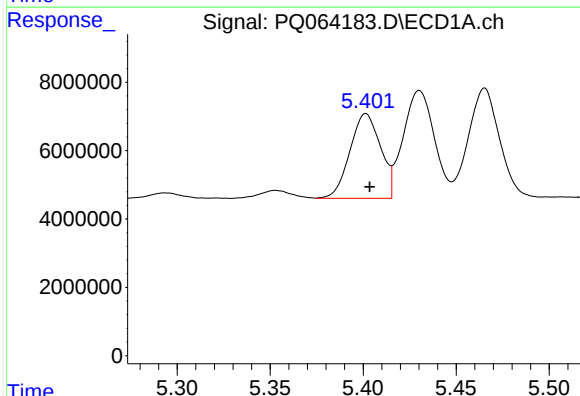
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 37986056
Conc: 226.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



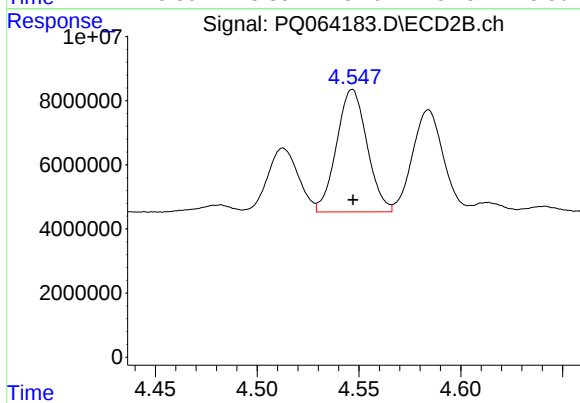
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 33813052
Conc: 228.47 ng/ml



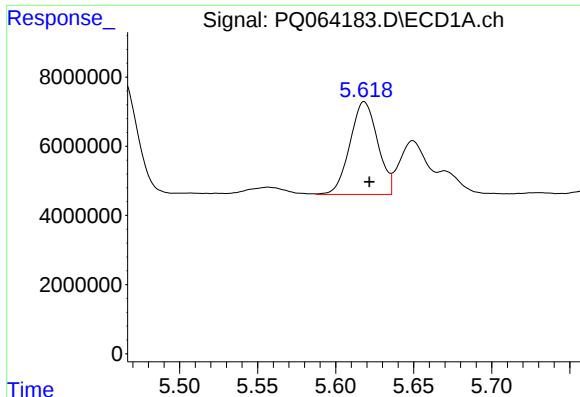
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: -0.002 min
Response: 28450221
Conc: 163.94 ng/ml



#26 AR-1254-1

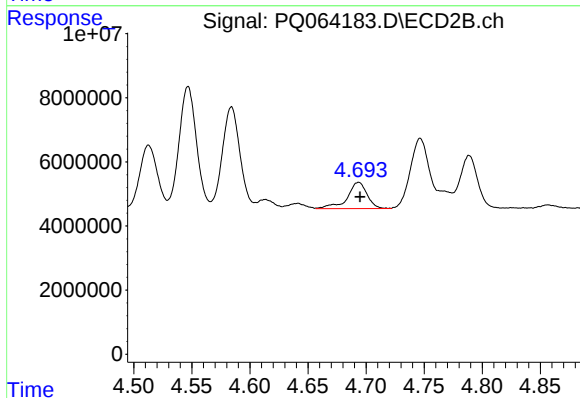
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 39882699
Conc: 182.25 ng/ml



#27 AR-1254-2

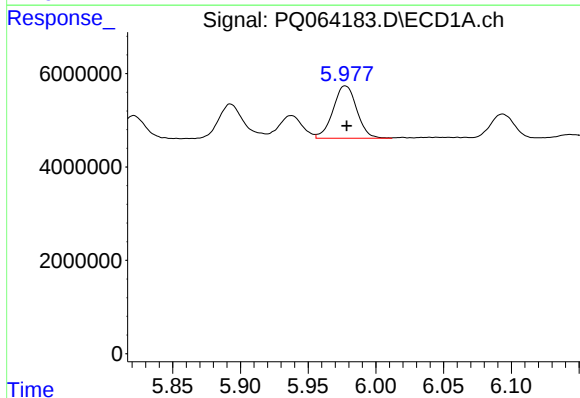
R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 33213164
Conc: 123.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



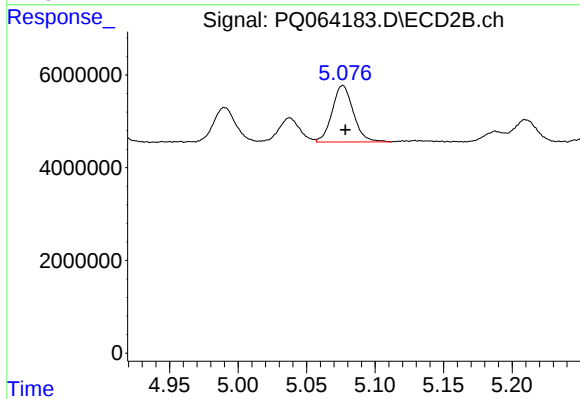
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 9710011
Conc: 50.96 ng/ml



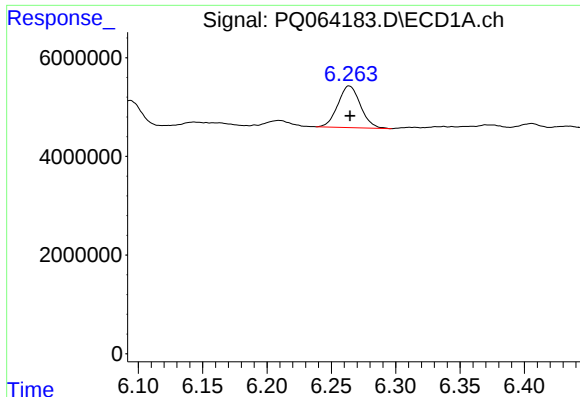
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: -0.001 min
Response: 13691737
Conc: 49.82 ng/ml



#28 AR-1254-3

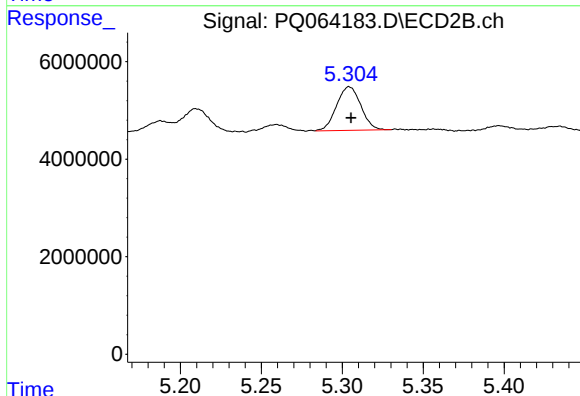
R.T.: 5.076 min
Delta R.T.: -0.002 min
Response: 13113523
Conc: 44.15 ng/ml



#29 AR-1254-4

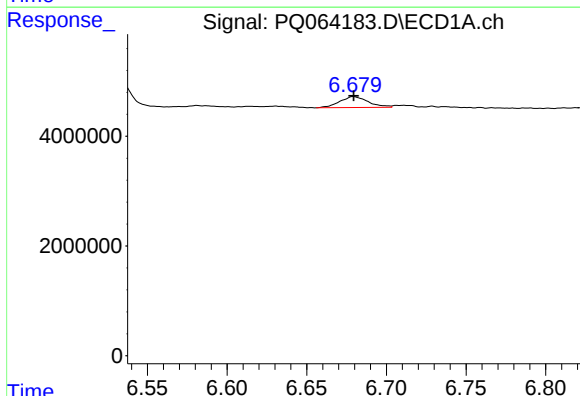
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 10250447
Conc: 51.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



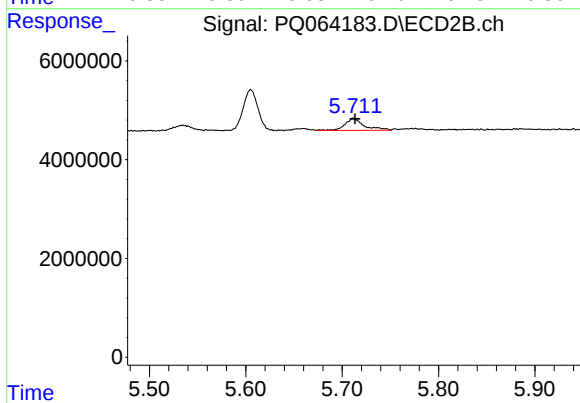
#29 AR-1254-4

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 9323549
Conc: 49.39 ng/ml



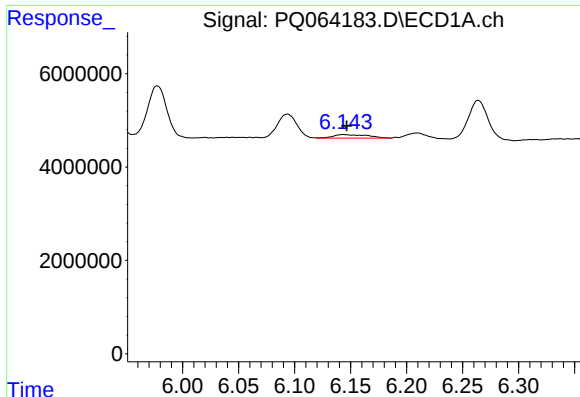
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2461632
Conc: 11.25 ng/ml



#30 AR-1254-5

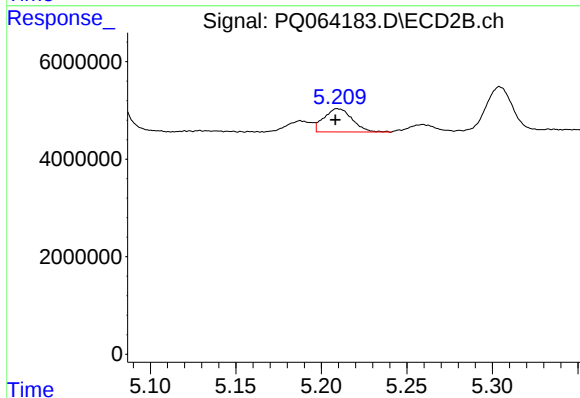
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 3374468
Conc: 12.40 ng/ml



#31 AR-1260-1

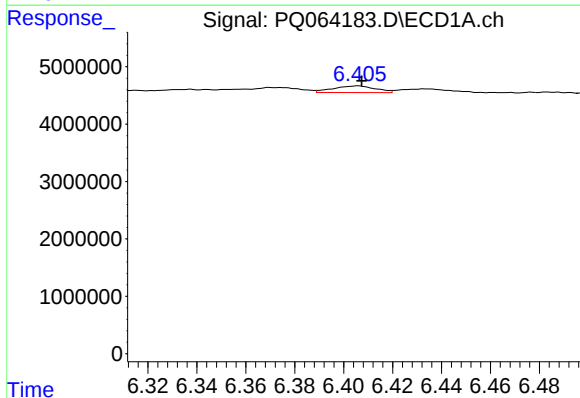
R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 1599738
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



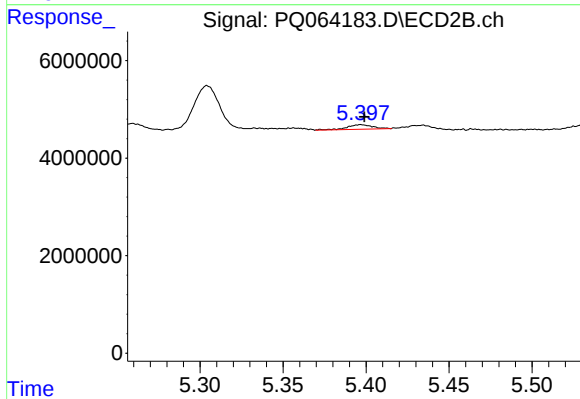
#31 AR-1260-1

R.T.: 5.210 min
Delta R.T.: 0.002 min
Response: 5506775
Conc: 26.21 ng/ml



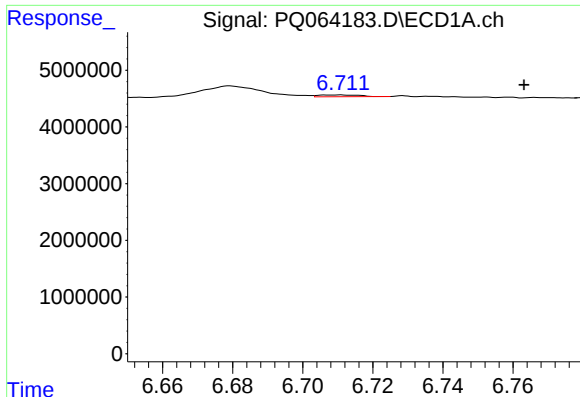
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 1410541
Conc: 5.42 ng/ml



#32 AR-1260-2

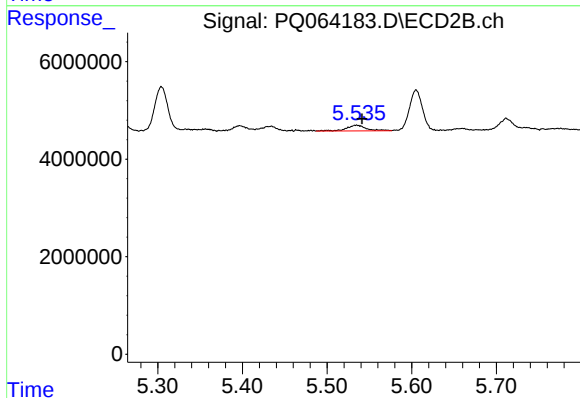
R.T.: 5.397 min
Delta R.T.: -0.002 min
Response: 990231
Conc: 3.98 ng/ml



#33 AR-1260-3

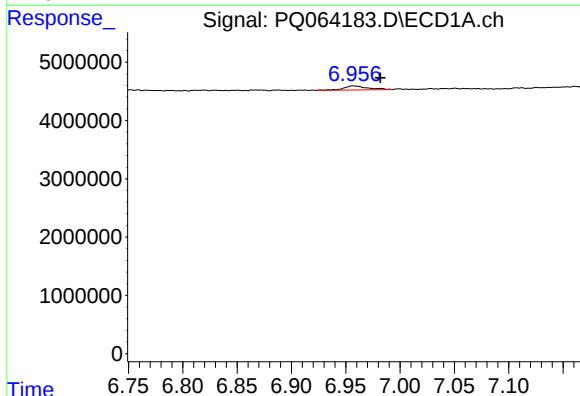
R.T.: 6.711 min
Delta R.T.: -0.052 min
Response: 266672
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



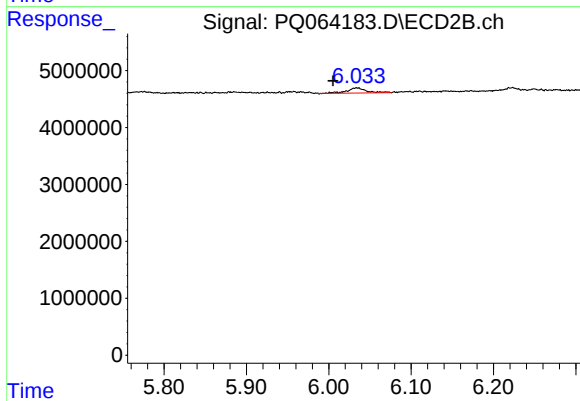
#33 AR-1260-3

R.T.: 5.535 min
Delta R.T.: -0.007 min
Response: 1873115
Conc: 7.89 ng/ml



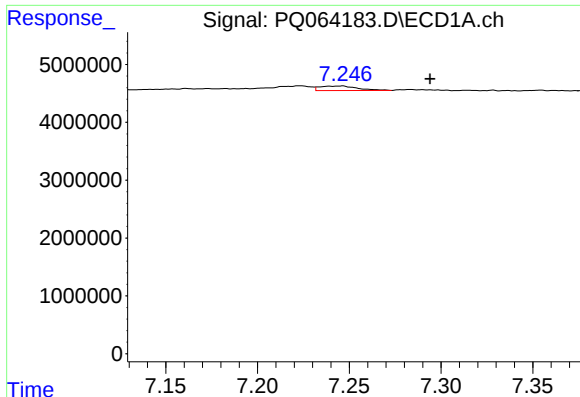
#34 AR-1260-4

R.T.: 6.957 min
Delta R.T.: -0.025 min
Response: 1132791
Conc: 5.27 ng/ml



#34 AR-1260-4

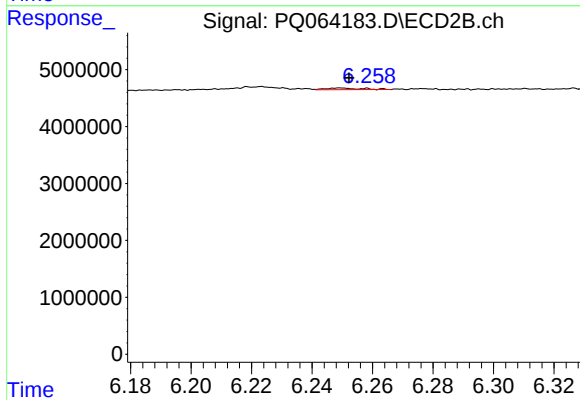
R.T.: 6.034 min
Delta R.T.: 0.029 min
Response: 1495782
Conc: 7.39 ng/ml



#35 AR-1260-5

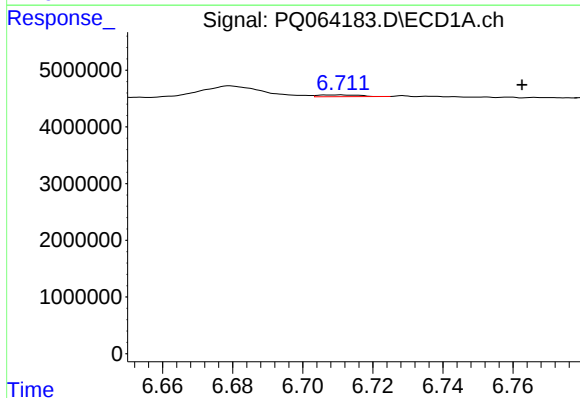
R.T.: 7.246 min
Delta R.T.: -0.048 min
Response: 1137466
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



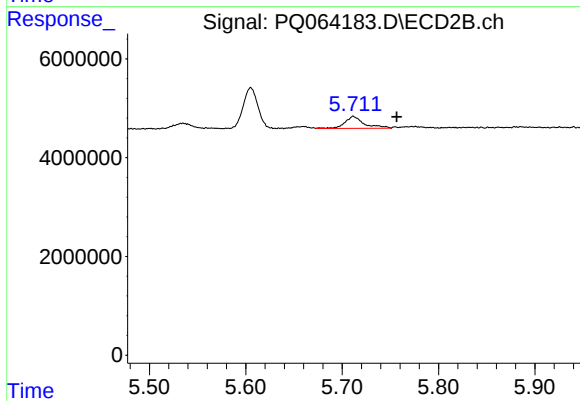
#35 AR-1260-5

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 245709
Conc: 0.53 ng/ml



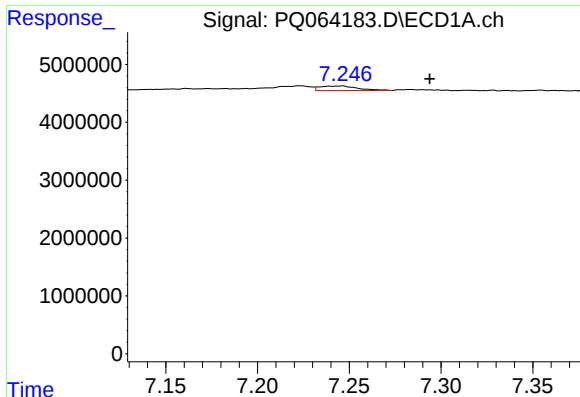
#36 AR-1262-1

R.T.: 6.711 min
Delta R.T.: -0.052 min
Response: 266672
Conc: 0.94 ng/ml



#36 AR-1262-1

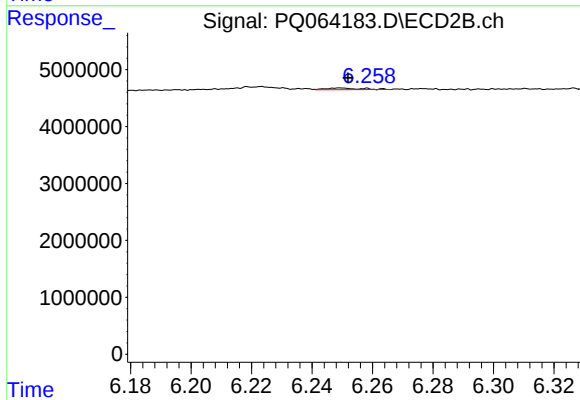
R.T.: 5.712 min
Delta R.T.: -0.045 min
Response: 3374468
Conc: 11.64 ng/ml



#37 AR-1262-2

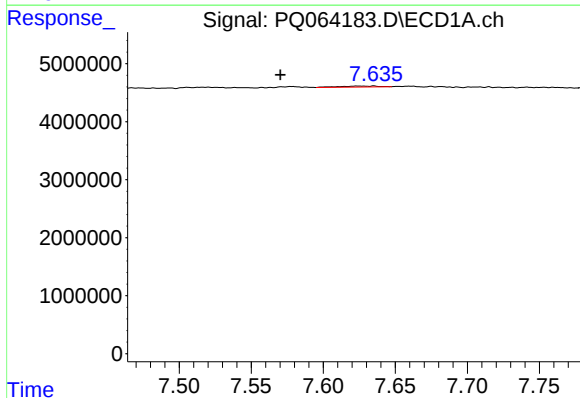
R.T.: 7.246 min
Delta R.T.: -0.048 min
Response: 1137466
Conc: 2.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



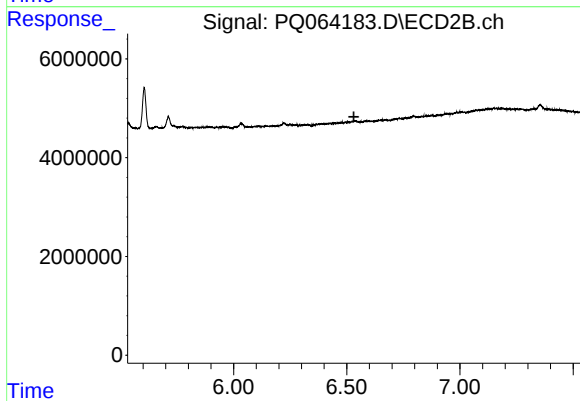
#37 AR-1262-2

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 245709
Conc: 0.47 ng/ml



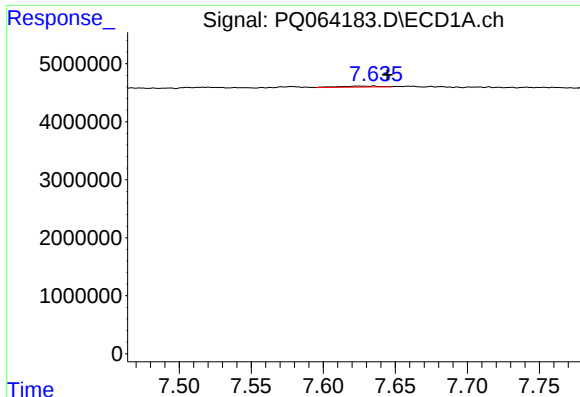
#38 AR-1262-3

R.T.: 7.635 min
Delta R.T.: 0.065 min
Response: 300003
Conc: 0.97 ng/ml



#38 AR-1262-3

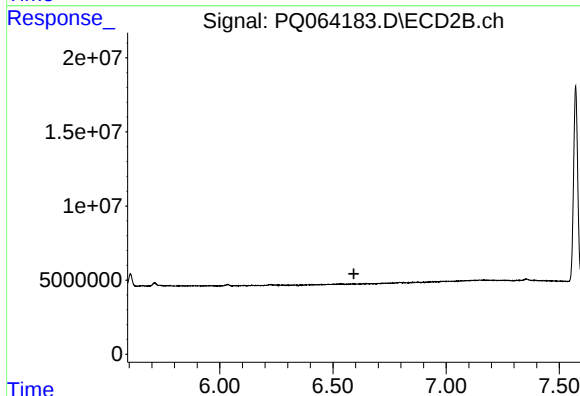
R.T.: 0.000 min
Exp R.T. : 6.532 min
Response: 0
Conc: N.D.



#39 AR-1262-4

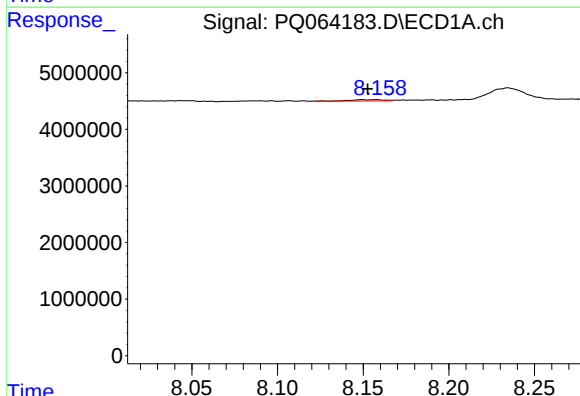
R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 300003
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



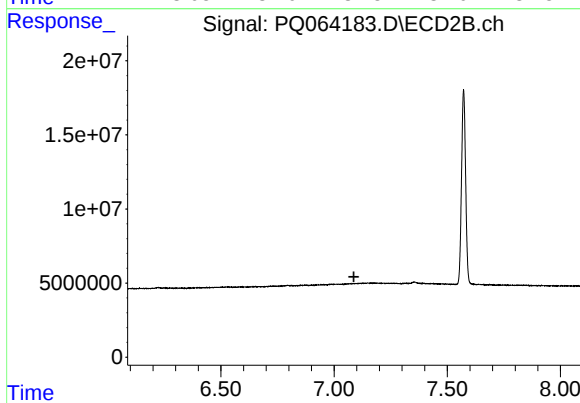
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.593 min
Response: 0
Conc: N.D.



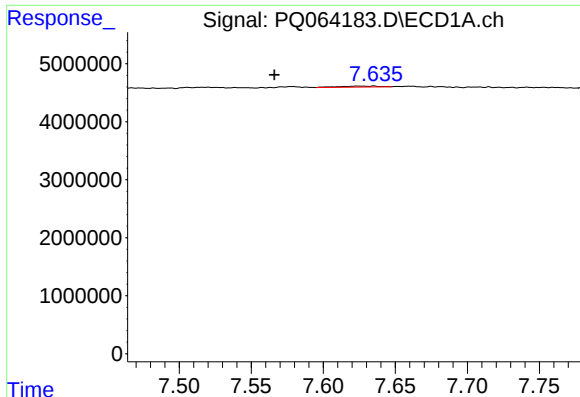
#40 AR-1262-5

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 290432
Conc: 1.85 ng/ml



#40 AR-1262-5

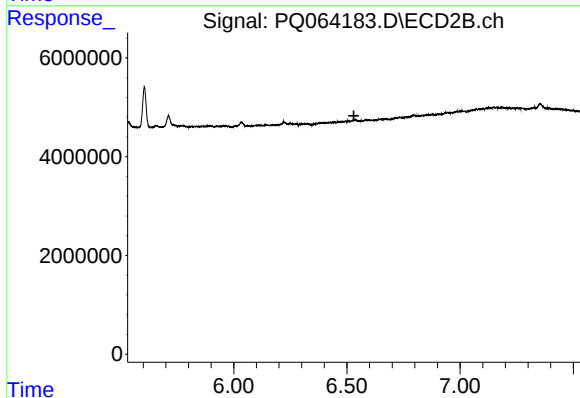
R.T.: 0.000 min
Exp R.T. : 7.088 min
Response: 0
Conc: N.D.



#41 AR-1268-1

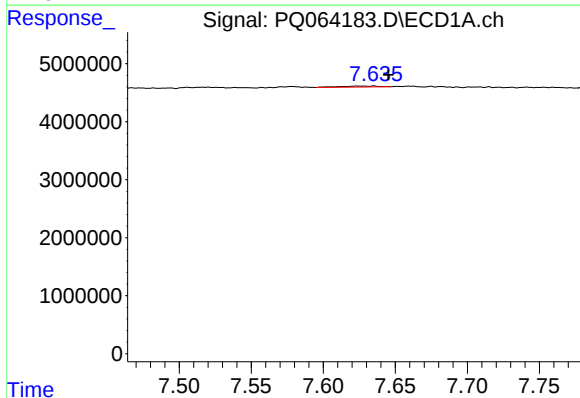
R.T.: 7.635 min
Delta R.T.: 0.069 min
Response: 300003
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



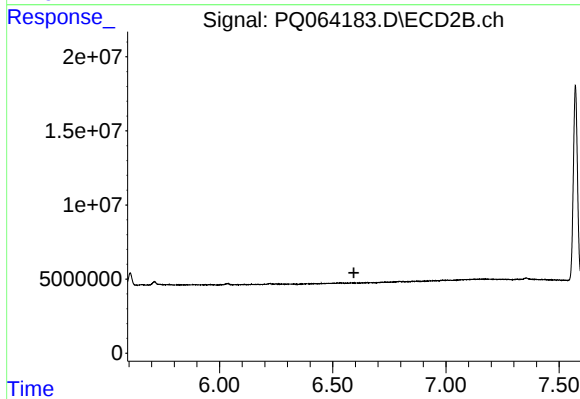
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



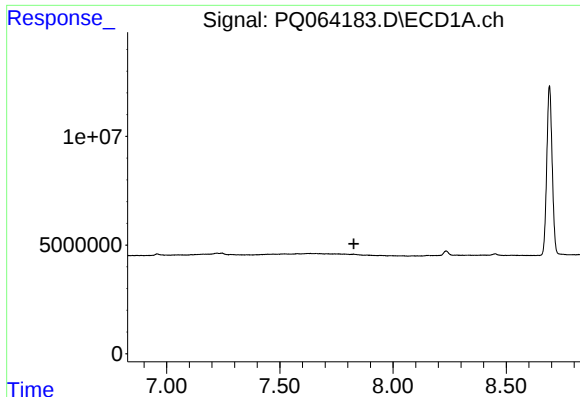
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 300003
Conc: 0.62 ng/ml



#42 AR-1268-2

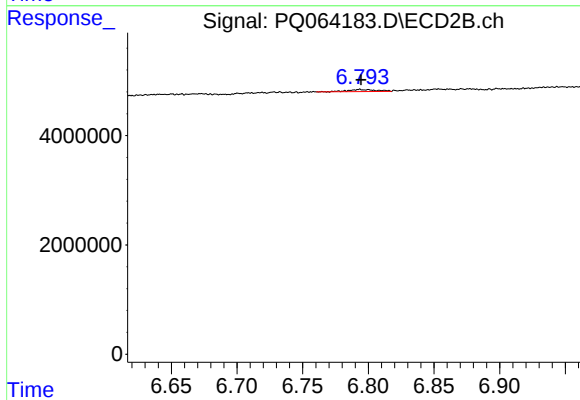
R.T.: 0.000 min
Exp R.T. : 6.594 min
Response: 0
Conc: N.D.



#43 AR-1268-3

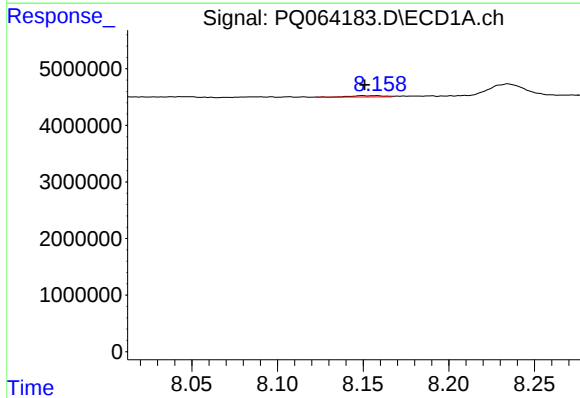
R.T.: 0.000 min
Exp R.T.: 7.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



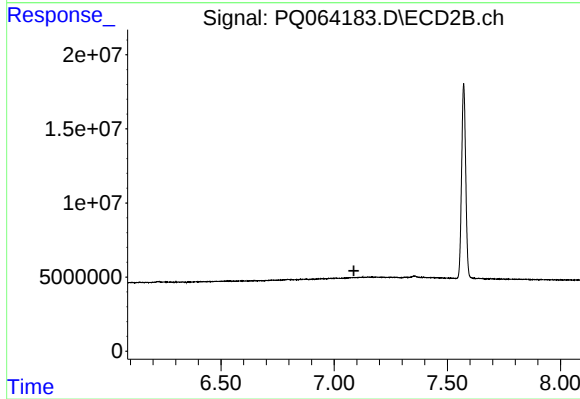
#43 AR-1268-3

R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 565076
Conc: 1.15 ng/ml



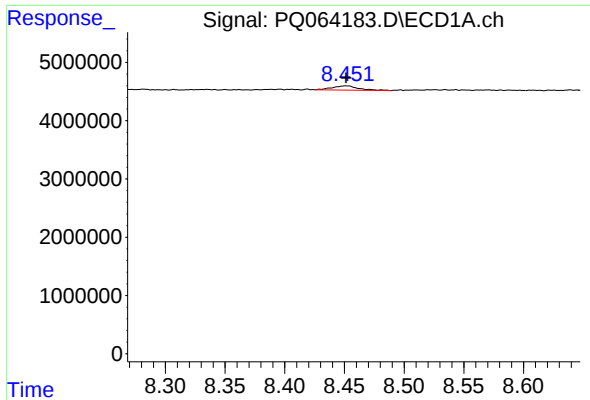
#44 AR-1268-4

R.T.: 8.149 min
Delta R.T.: -0.001 min
Response: 290432
Conc: 1.67 ng/ml



#44 AR-1268-4

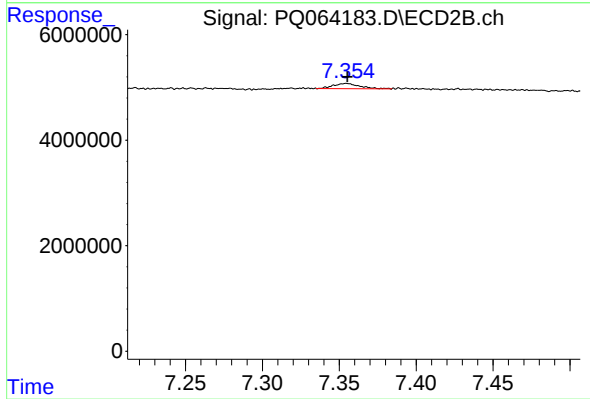
R.T.: 0.000 min
Exp R.T.: 7.087 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 1116597
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 1209261
Conc: 0.67 ng/ml