

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121523\
 Data File : PQ064545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 09:49
 Operator : YP\AJ
 Sample : AR1242CCC500
 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: Dec 15 13:33:09 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...	3.458	2.772	212.8E6	234.0E6	51.305	55.727
2)	SA Decachlor...	8.692	7.568	159.5E6	213.1E6	54.395	52.793
Target Compounds							
3)	L1 AR-1016-1	4.573	3.782	54957439	54536430	431.353	448.712
4)	L1 AR-1016-2	4.592	3.797	81514442	82296300	424.686	448.958
5)	L1 AR-1016-3	4.651	3.959	51685983	44857670	435.603	460.994
6)	L1 AR-1016-4	4.743	4.008	40328273	37534316	434.190	449.444
7)	L1 AR-1016-5	5.033	4.204	42615444	46017872	437.410	454.546
8)	L2 AR-1221-1	3.658	2.976	6611962	7473137	130.225	131.972
9)	L2 AR-1221-2	3.740	3.053	8961534	10977318	244.592	260.590
10)	L2 AR-1221-3	3.811	3.122	31965006	37642896	282.661	295.595
11)	L3 AR-1232-1	3.811	3.122	31965006	37642896	370.373	390.795
12)	L3 AR-1232-2	4.311	3.797	44858875	82296300	919.569	984.505
13)	L3 AR-1232-3	4.592	3.959	81514442	44857670	954.921	1007.532
14)	L3 AR-1232-4	4.743	4.045	40328273	41829291	978.898	1094.947
15)	L3 AR-1232-5	4.841	4.204	32898308	46017872	1075.966	1081.294
16)	L4 AR-1242-1	4.573	3.782	54957439	54536430	530.276	525.564
17)	L4 AR-1242-2	4.592	3.797	81514442	82296300	525.430	532.693
18)	L4 AR-1242-3	4.651	3.959	51685983	44857670	533.623	546.976
19)	L4 AR-1242-4	4.743	4.045	40328273	41829291	530.487	536.087
20)	L4 AR-1242-5	5.465	4.543	44667919	51301531	538.070	531.985
21)	L5 AR-1248-1	4.573	3.782	54957439	54536430	705.705	674.032
22)	L5 AR-1248-2	4.841	4.008	32898308	37534316	294.790	306.185
23)	L5 AR-1248-3	5.033	4.045	42615444	41829291	320.214	358.465
24)	L5 AR-1248-4	5.430	4.204	42044858	46017872	293.765	328.269
25)	L5 AR-1248-5	5.465	4.580	44667919	42950794	318.561	322.769
26)	L6 AR-1254-1	5.401	4.543	32581264	51301531	212.716	245.011
27)	L6 AR-1254-2	5.617	4.689	37572860	12086019	160.905	65.336 #
28)	L6 AR-1254-3	5.977	5.072	15597701	17231798	63.458	60.909
29)	L6 AR-1254-4	6.264	5.300	11788612	12736185	67.848	68.605
30)	L6 AR-1254-5	6.679	5.707	3394270	4783877	17.587	18.424
31)	L7 AR-1260-1	6.143	5.206	1588628	7570924	8.483	39.148 #
32)	L7 AR-1260-2	6.404	5.393	1527391	2249343	7.045	9.665 #
33)	L7 AR-1260-3	0.000	5.531	0	1978006	N.D.	9.100 #
34)	L7 AR-1260-4	6.981	6.005	607887	354265	3.544	1.923 #
35)	L7 AR-1260-5	7.288	6.246	409295	565042	1.211	1.303
36)	L8 AR-1262-1	0.000	5.809	0	208802	N.D.	1.833 #
37)	L8 AR-1262-2	7.288	6.005	409295	354265	1.021	1.391 #
38)	L8 AR-1262-3	7.574	6.526	141967	314775	0.525	1.398 #
39)	L8 AR-1262-4	7.634	6.584	85698	712948	0.406	1.647 #
40)	L8 AR-1262-5	8.146	7.088	152968	674302	1.122	2.569 #
41)	L9 AR-1268-1	7.574	6.526	141967	314775	0.297	0.478 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121523\
 Data File : PQ064545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 09:49
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

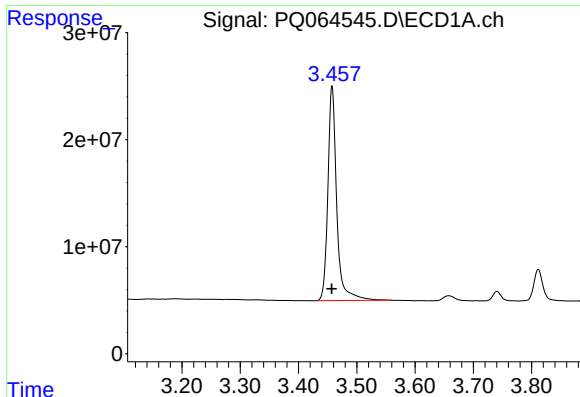
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 13:33:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
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 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	7.634	6.584	85698	712948	0.197	1.148 #
43) L9	AR-1268-3	7.831	6.788	766310	1355388	2.028	2.117
44) L9	AR-1268-4	8.146	7.088	152968	674302	0.999	2.241 #
45) L9	AR-1268-5	8.452	7.349	846413	2254889	0.778	1.194 #

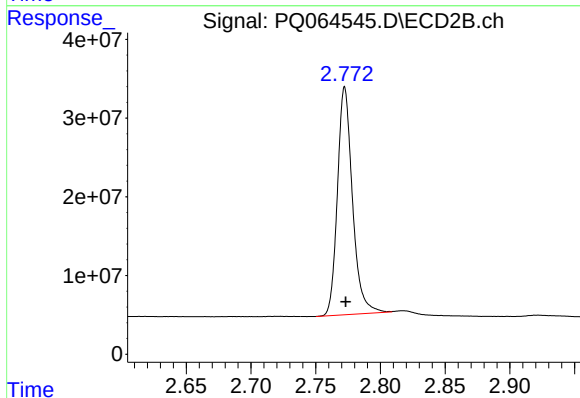
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

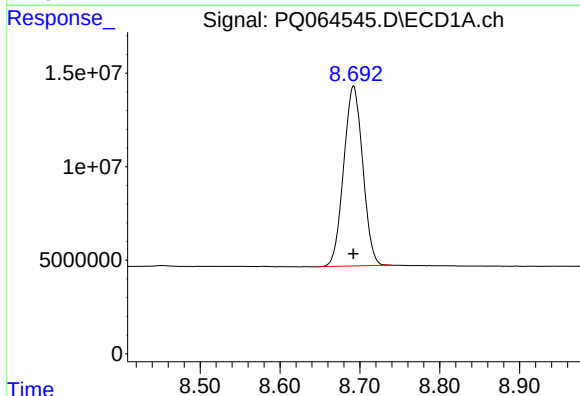
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 212845582
Conc: 51.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



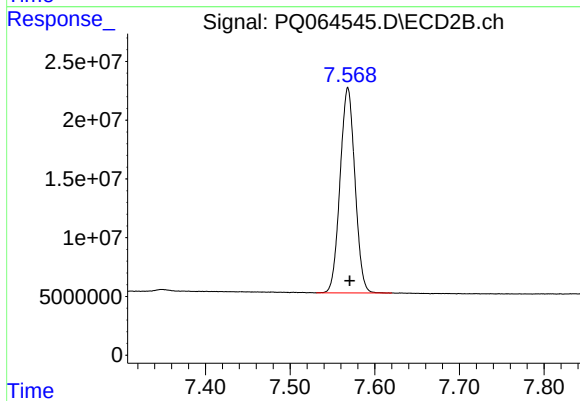
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 233962374
Conc: 55.73 ng/ml



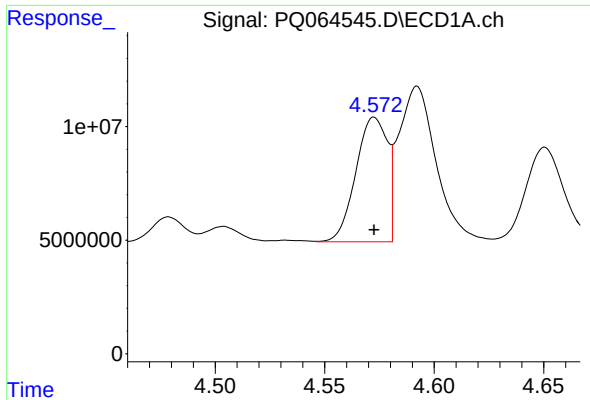
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 159455382
Conc: 54.40 ng/ml



#2 Decachlorobiphenyl

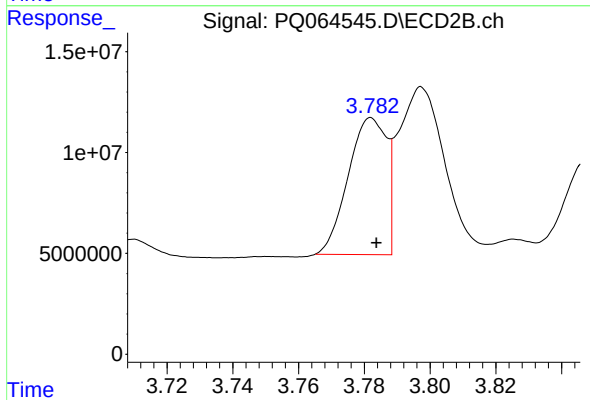
R.T.: 7.568 min
Delta R.T.: -0.002 min
Response: 213085254
Conc: 52.79 ng/ml



#3 AR-1016-1

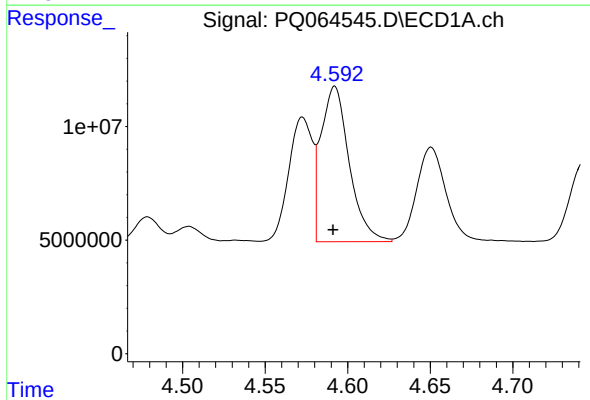
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 54957439
Conc: 431.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



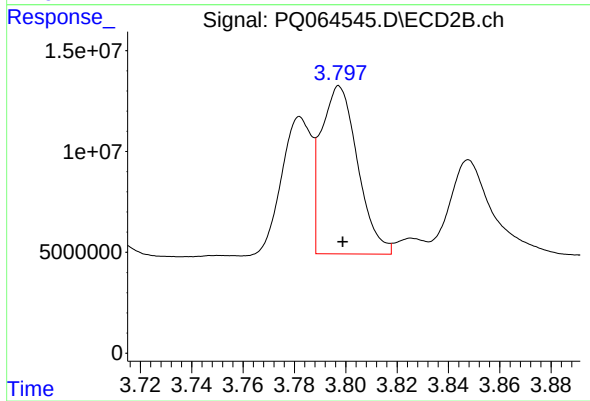
#3 AR-1016-1

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 54536430
Conc: 448.71 ng/ml



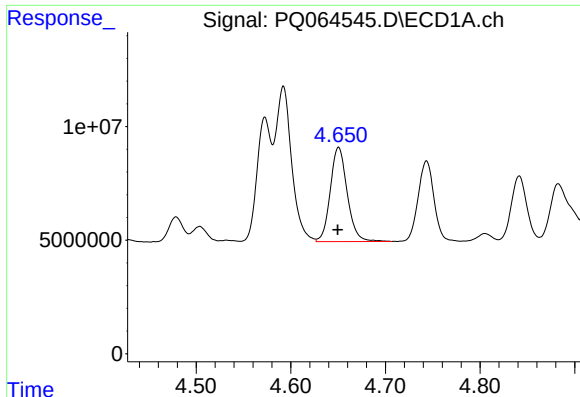
#4 AR-1016-2

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 81514442
Conc: 424.69 ng/ml



#4 AR-1016-2

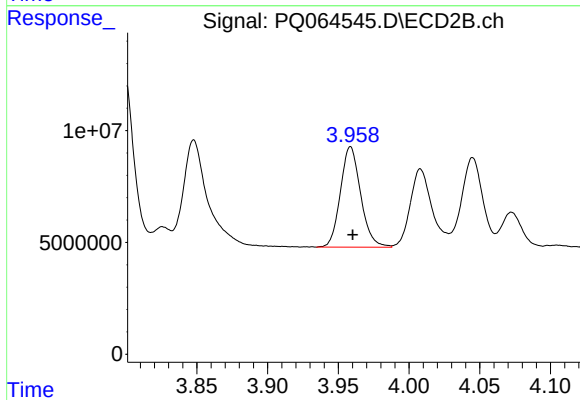
R.T.: 3.797 min
Delta R.T.: -0.001 min
Response: 82296300
Conc: 448.96 ng/ml



#5 AR-1016-3

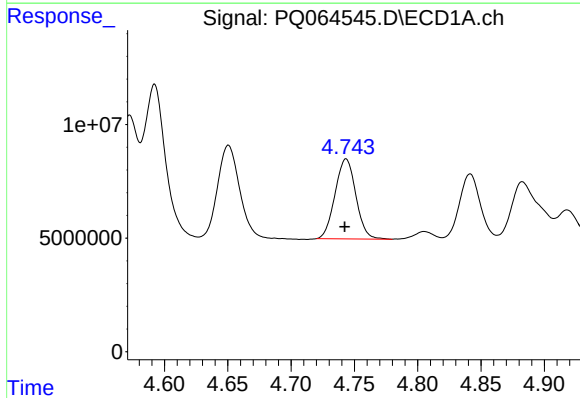
R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 51685983
Conc: 435.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



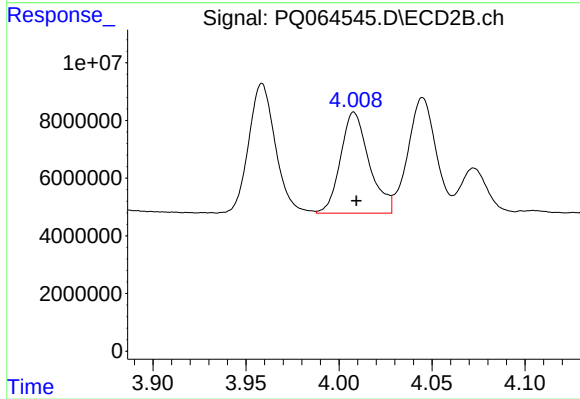
#5 AR-1016-3

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 44857670
Conc: 460.99 ng/ml



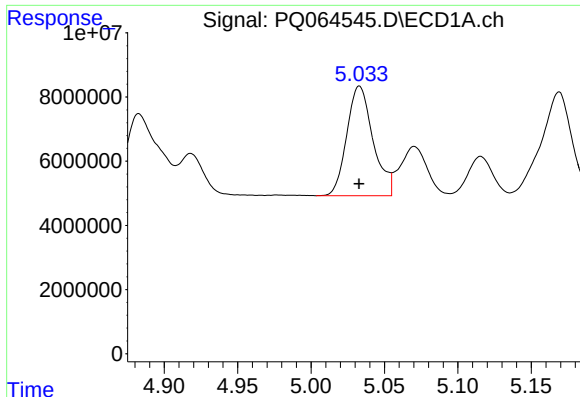
#6 AR-1016-4

R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 40328273
Conc: 434.19 ng/ml



#6 AR-1016-4

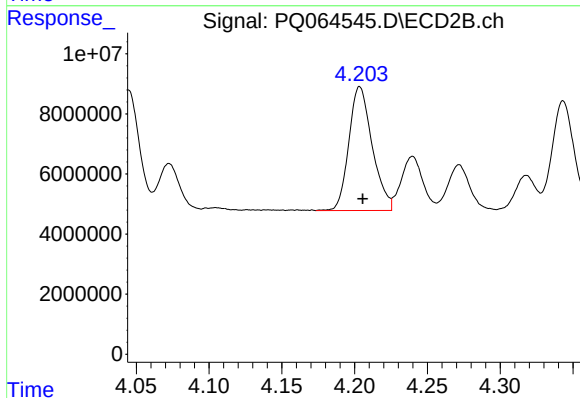
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 37534316
Conc: 449.44 ng/ml



#7 AR-1016-5

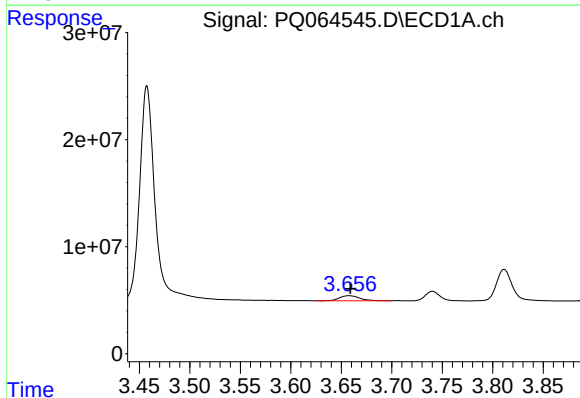
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 42615444
Conc: 437.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



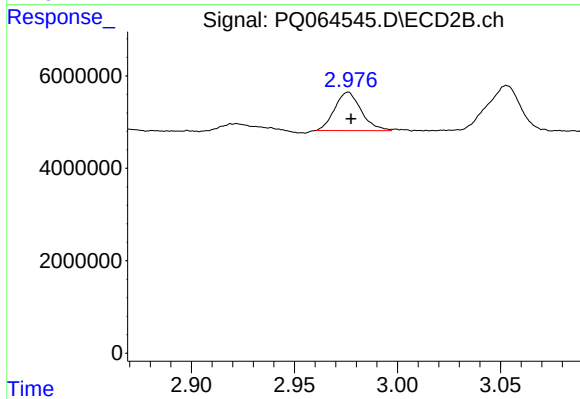
#7 AR-1016-5

R.T.: 4.204 min
Delta R.T.: -0.002 min
Response: 46017872
Conc: 454.55 ng/ml



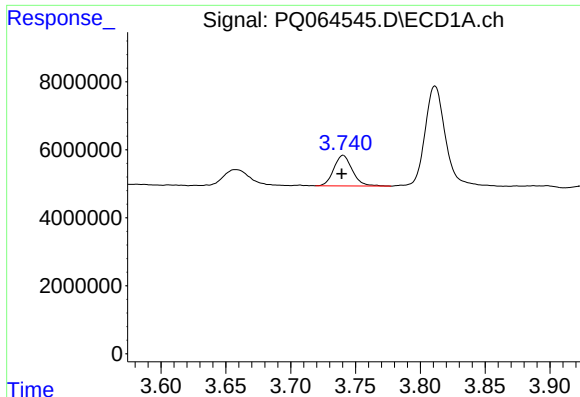
#8 AR-1221-1

R.T.: 3.658 min
Delta R.T.: -0.001 min
Response: 6611962
Conc: 130.22 ng/ml



#8 AR-1221-1

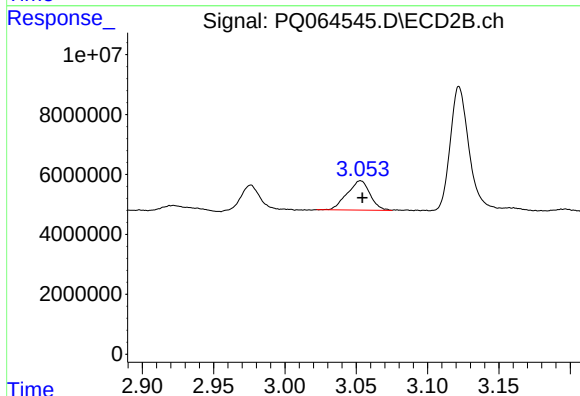
R.T.: 2.976 min
Delta R.T.: -0.001 min
Response: 7473137
Conc: 131.97 ng/ml



#9 AR-1221-2

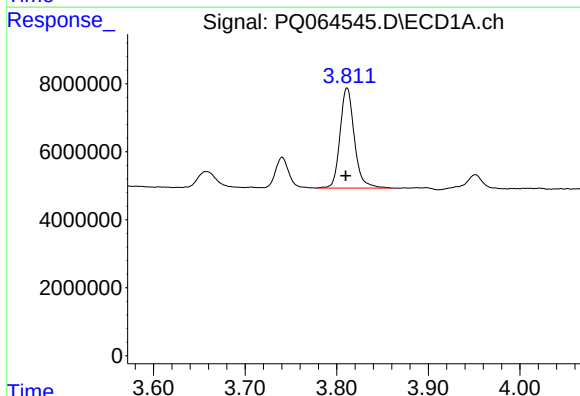
R.T.: 3.740 min
Delta R.T.: 0.001 min
Response: 8961534
Conc: 244.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



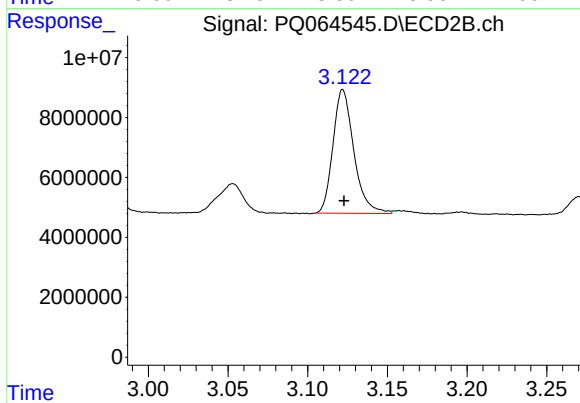
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.001 min
Response: 10977318
Conc: 260.59 ng/ml



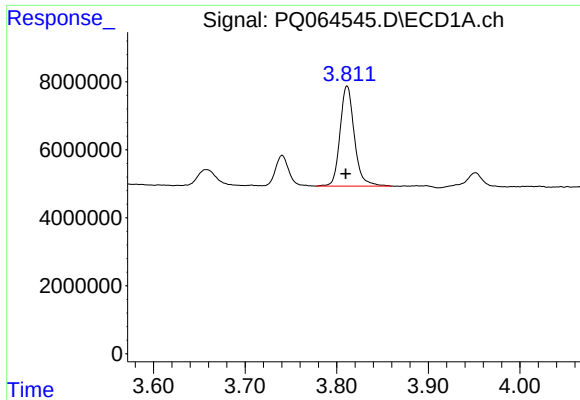
#10 AR-1221-3

R.T.: 3.811 min
Delta R.T.: 0.001 min
Response: 31965006
Conc: 282.66 ng/ml



#10 AR-1221-3

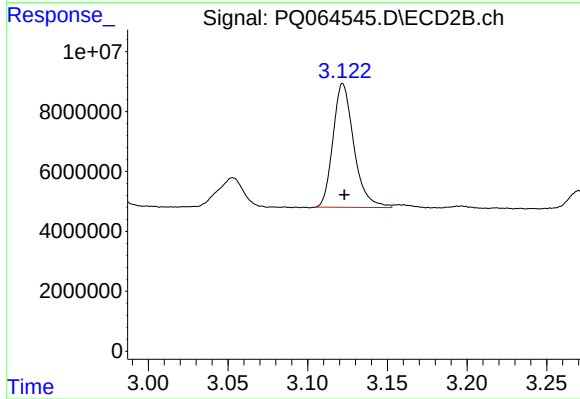
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 37642896
Conc: 295.59 ng/ml



#11 AR-1232-1

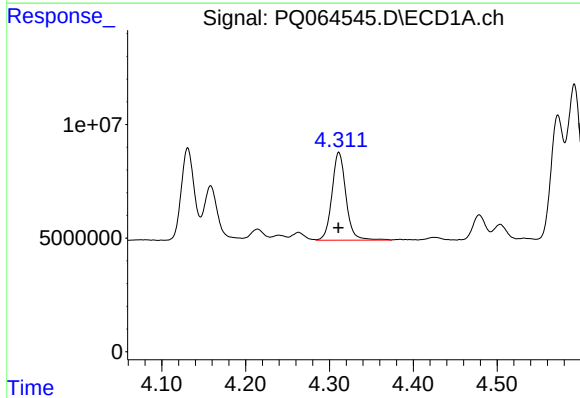
R.T.: 3.811 min
Delta R.T.: 0.001 min
Response: 31965006
Conc: 370.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



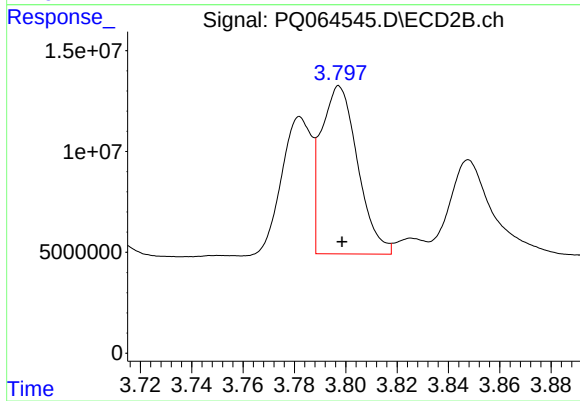
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 37642896
Conc: 390.80 ng/ml



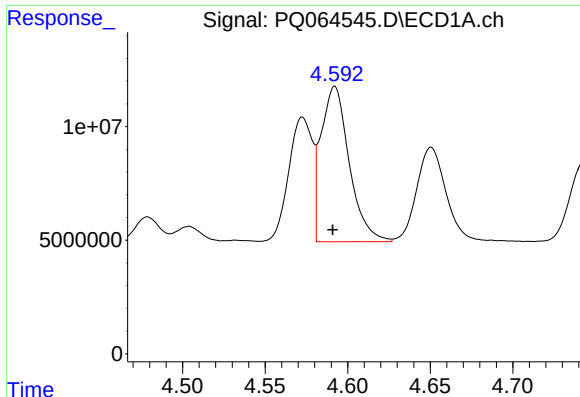
#12 AR-1232-2

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 44858875
Conc: 919.57 ng/ml



#12 AR-1232-2

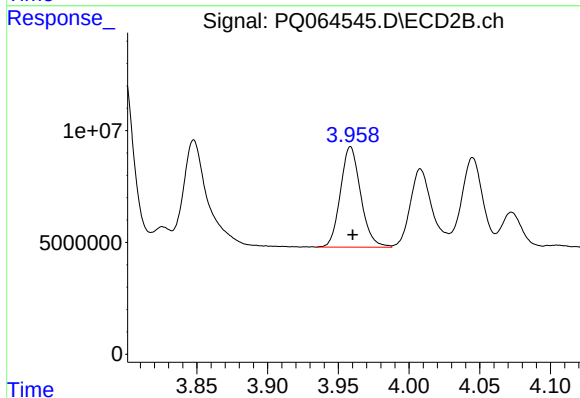
R.T.: 3.797 min
Delta R.T.: -0.001 min
Response: 82296300
Conc: 984.51 ng/ml



#13 AR-1232-3

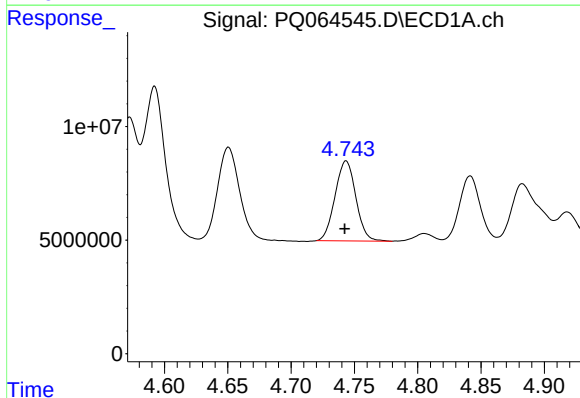
R.T.: 4.592 min
Delta R.T.: 0.001 min
Response: 81514442
Conc: 954.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



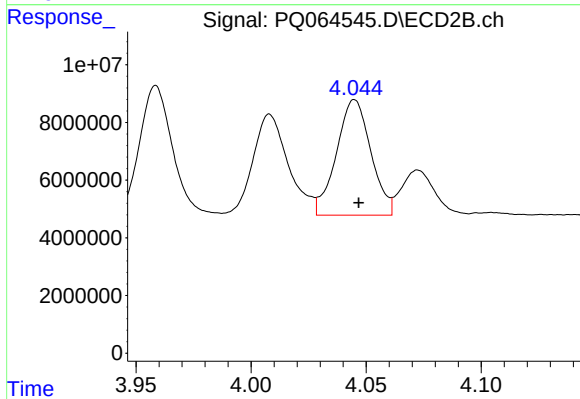
#13 AR-1232-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 44857670
Conc: 1007.53 ng/ml



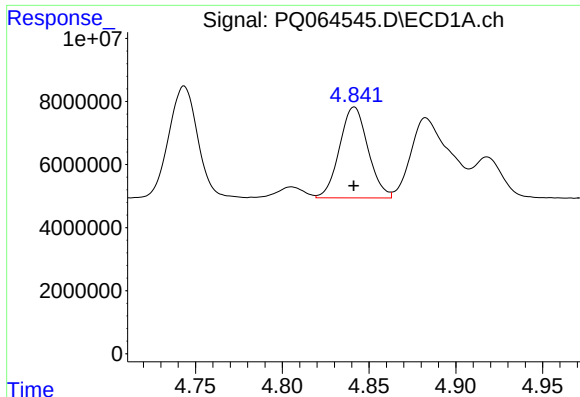
#14 AR-1232-4

R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 40328273
Conc: 978.90 ng/ml



#14 AR-1232-4

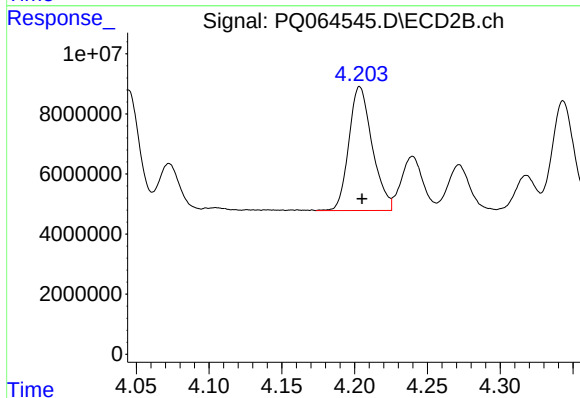
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 41829291
Conc: 1094.95 ng/ml



#15 AR-1232-5

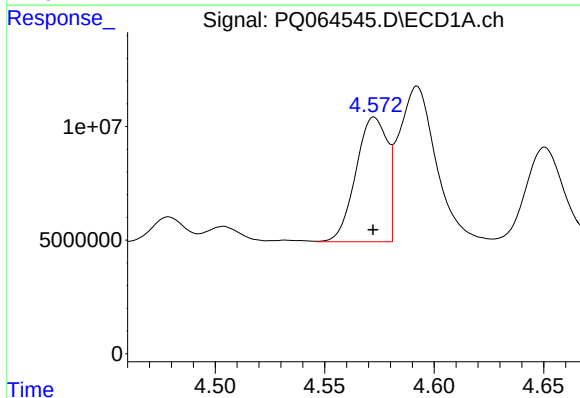
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 32898308
Conc: 1075.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



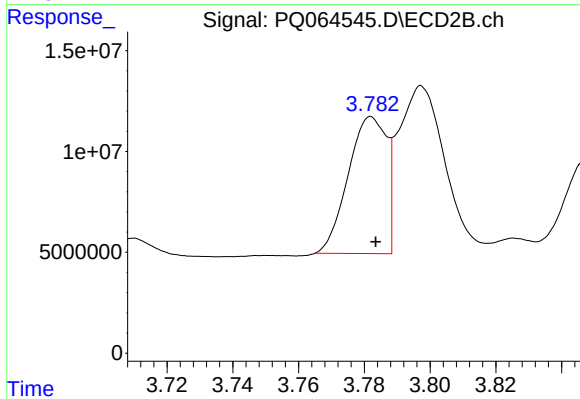
#15 AR-1232-5

R.T.: 4.204 min
Delta R.T.: -0.002 min
Response: 46017872
Conc: 1081.29 ng/ml



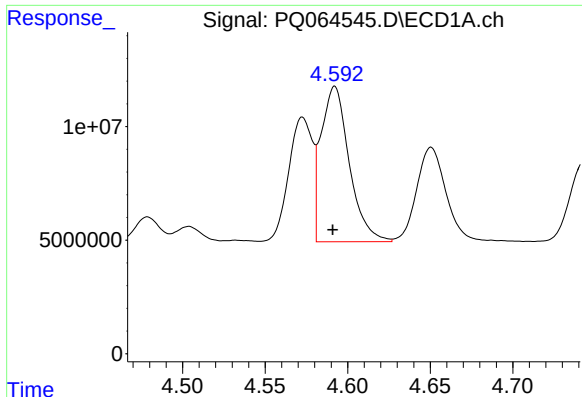
#16 AR-1242-1

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 54957439
Conc: 530.28 ng/ml



#16 AR-1242-1

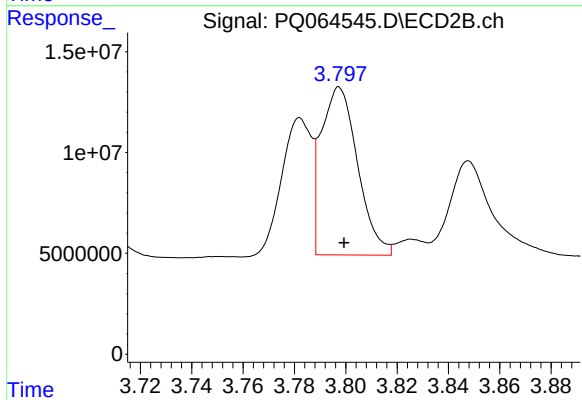
R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 54536430
Conc: 525.56 ng/ml



#17 AR-1242-2

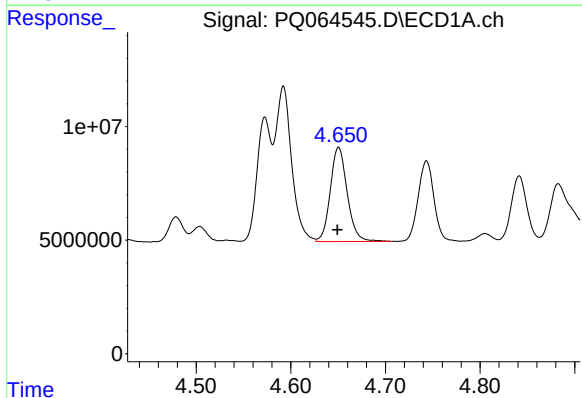
R.T.: 4.592 min
Delta R.T.: 0.001 min
Response: 81514442
Conc: 525.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



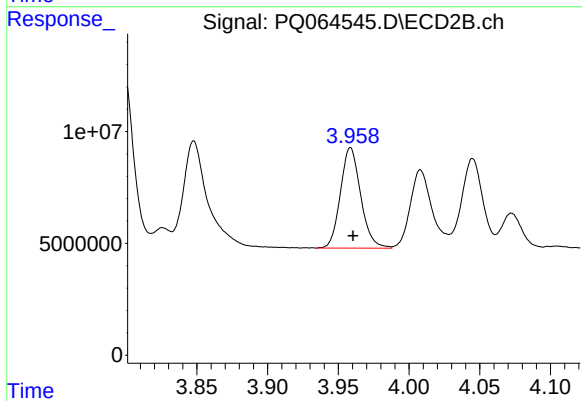
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 82296300
Conc: 532.69 ng/ml



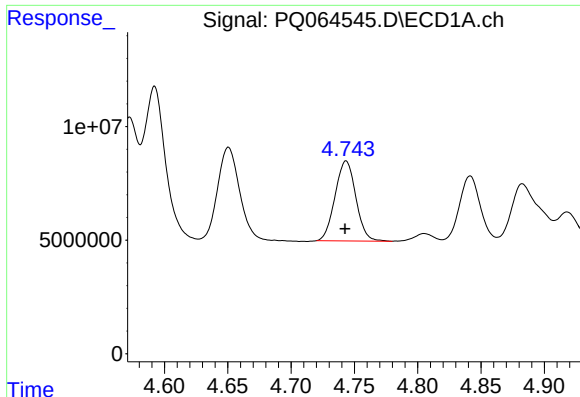
#18 AR-1242-3

R.T.: 4.651 min
Delta R.T.: 0.001 min
Response: 51685983
Conc: 533.62 ng/ml



#18 AR-1242-3

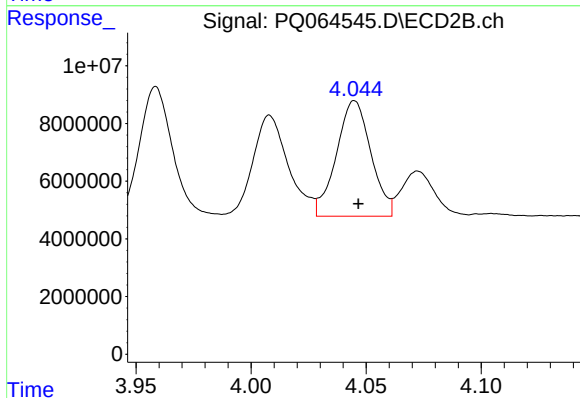
R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 44857670
Conc: 546.98 ng/ml



#19 AR-1242-4

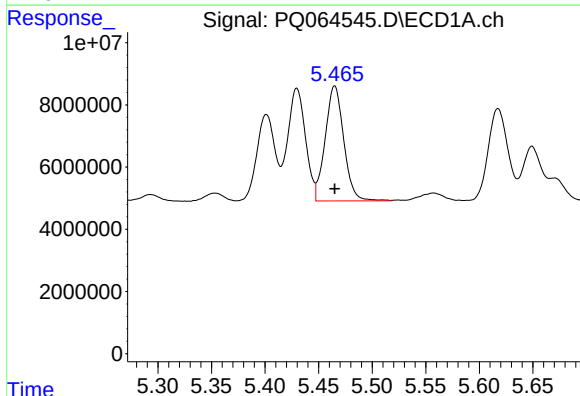
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 40328273
Conc: 530.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



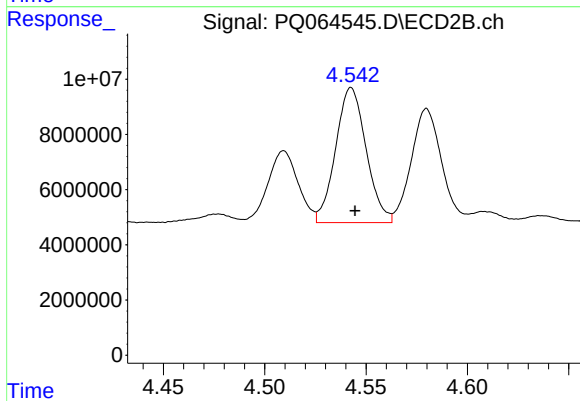
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 41829291
Conc: 536.09 ng/ml



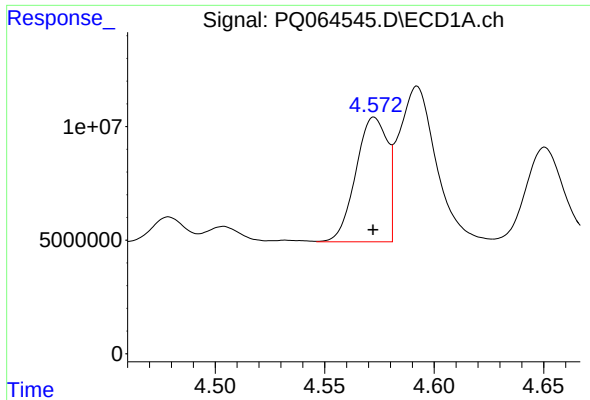
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 44667919
Conc: 538.07 ng/ml



#20 AR-1242-5

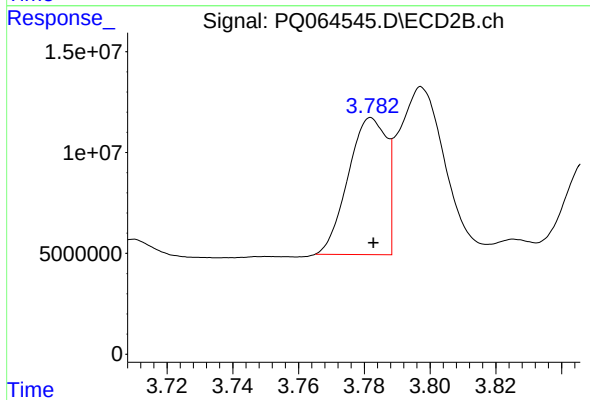
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 51301531
Conc: 531.98 ng/ml



#21 AR-1248-1

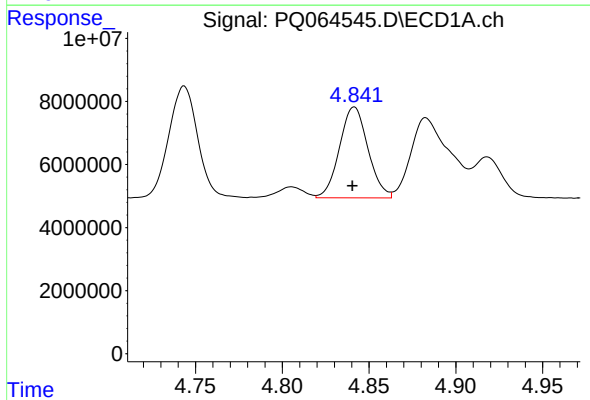
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 54957439
Conc: 705.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



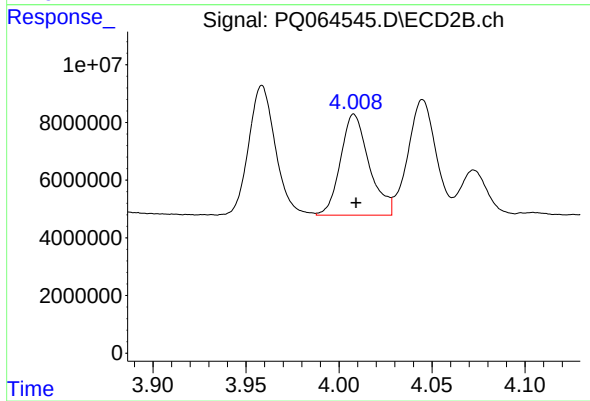
#21 AR-1248-1

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 54536430
Conc: 674.03 ng/ml



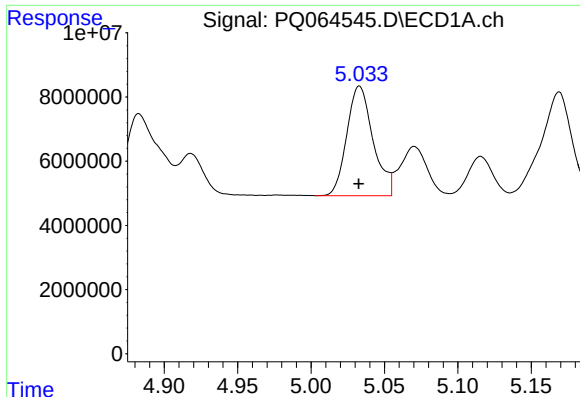
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: 0.001 min
Response: 32898308
Conc: 294.79 ng/ml



#22 AR-1248-2

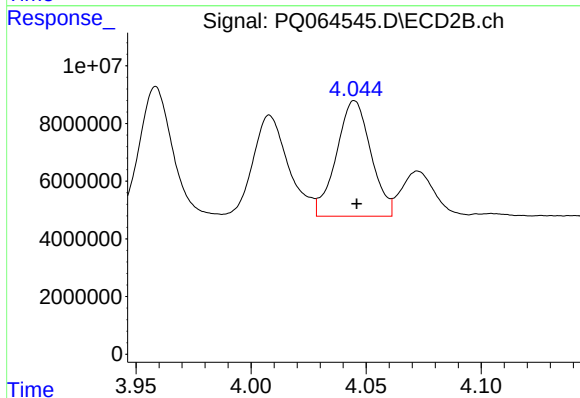
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 37534316
Conc: 306.19 ng/ml



#23 AR-1248-3

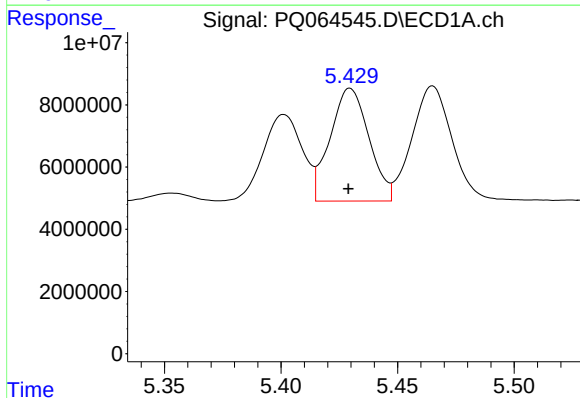
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 42615444
Conc: 320.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



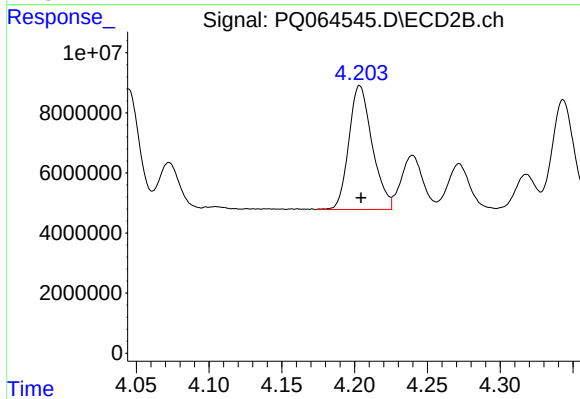
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 41829291
Conc: 358.46 ng/ml



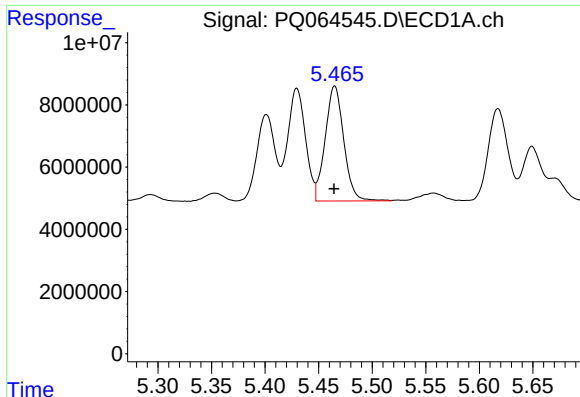
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 42044858
Conc: 293.77 ng/ml



#24 AR-1248-4

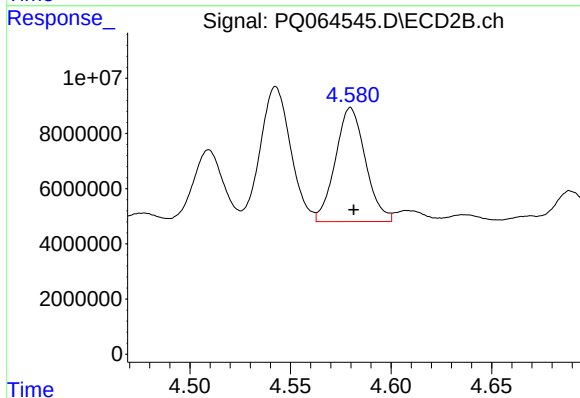
R.T.: 4.204 min
Delta R.T.: -0.001 min
Response: 46017872
Conc: 328.27 ng/ml



#25 AR-1248-5

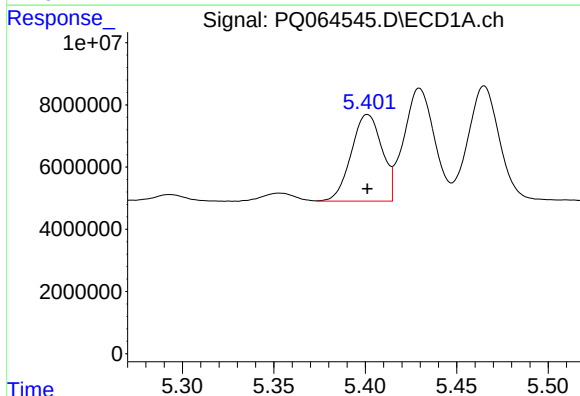
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 44667919
Conc: 318.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



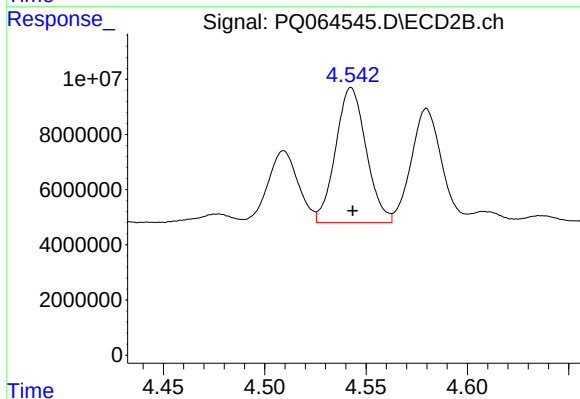
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 42950794
Conc: 322.77 ng/ml



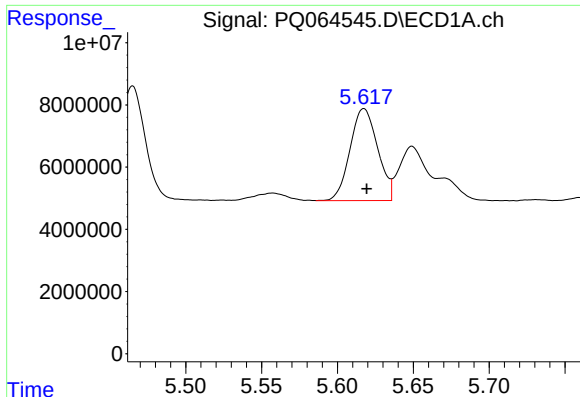
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 32581264
Conc: 212.72 ng/ml



#26 AR-1254-1

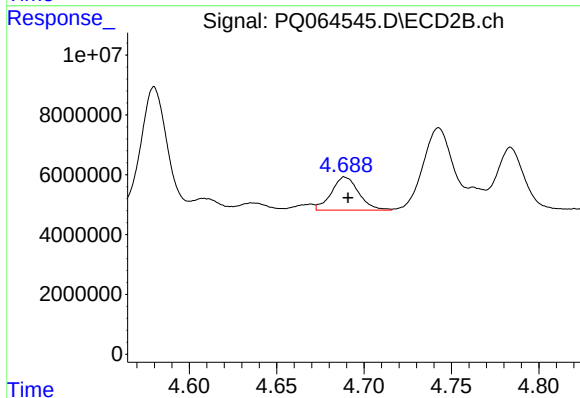
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 51301531
Conc: 245.01 ng/ml



#27 AR-1254-2

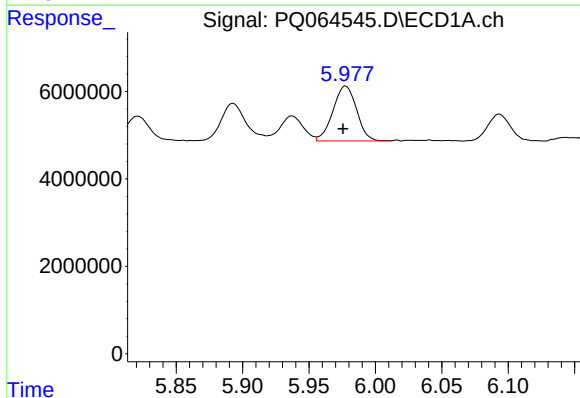
R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 37572860
Conc: 160.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



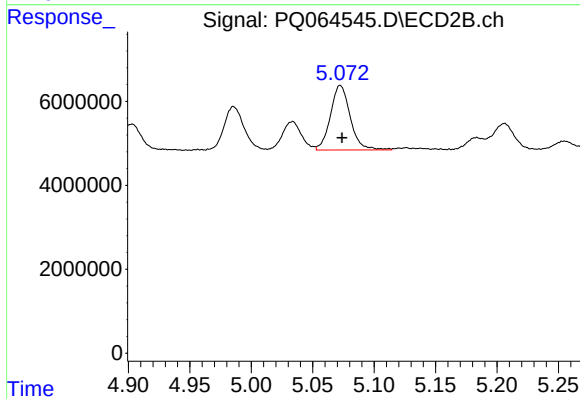
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 12086019
Conc: 65.34 ng/ml



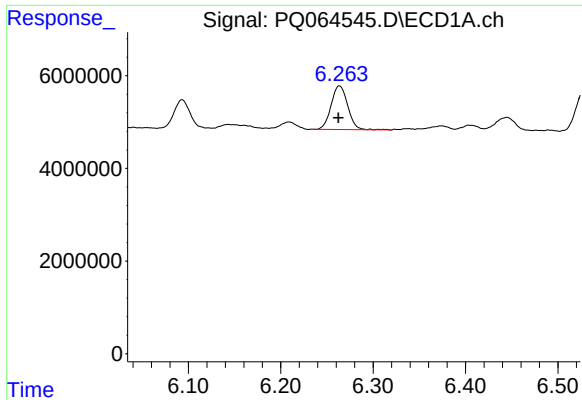
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 15597701
Conc: 63.46 ng/ml



#28 AR-1254-3

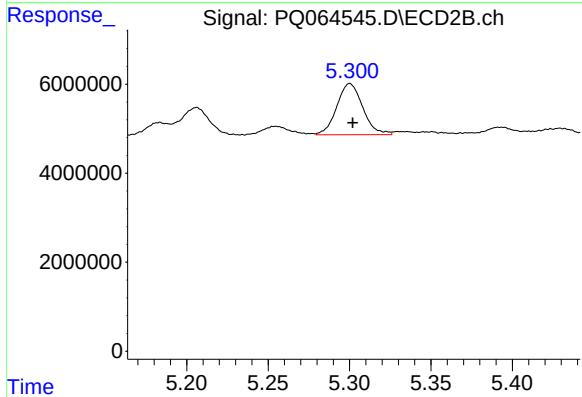
R.T.: 5.072 min
Delta R.T.: -0.001 min
Response: 17231798
Conc: 60.91 ng/ml



#29 AR-1254-4

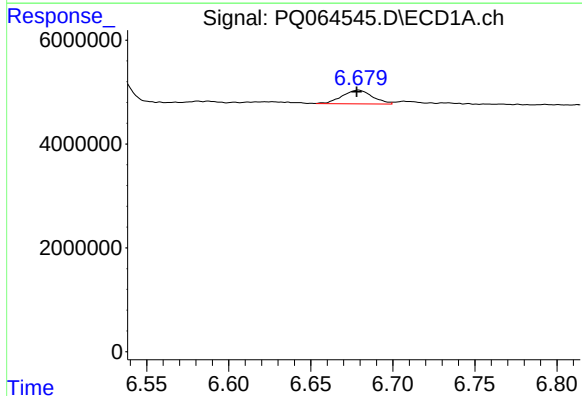
R.T.: 6.264 min
Delta R.T.: 0.001 min
Response: 11788612
Conc: 67.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



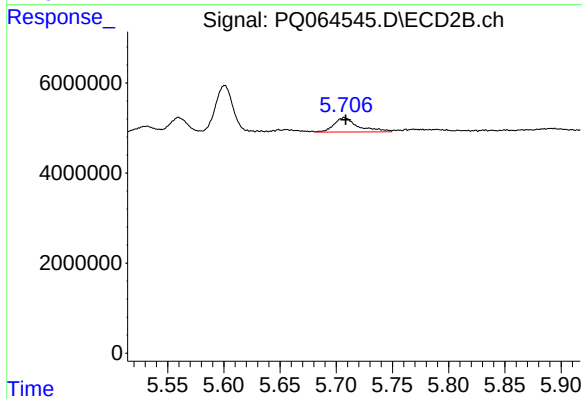
#29 AR-1254-4

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 12736185
Conc: 68.60 ng/ml



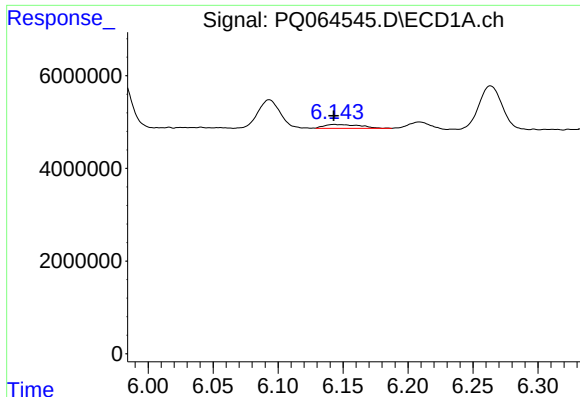
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 3394270
Conc: 17.59 ng/ml



#30 AR-1254-5

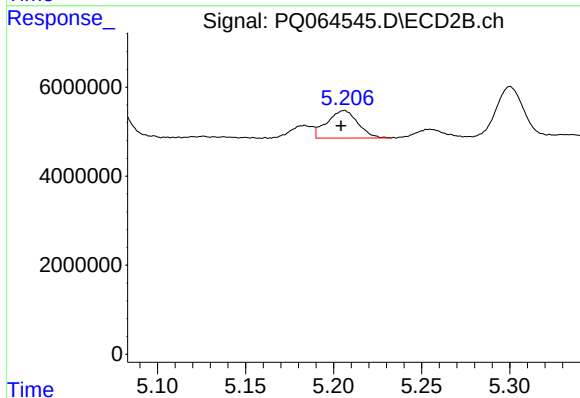
R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 4783877
Conc: 18.42 ng/ml



#31 AR-1260-1

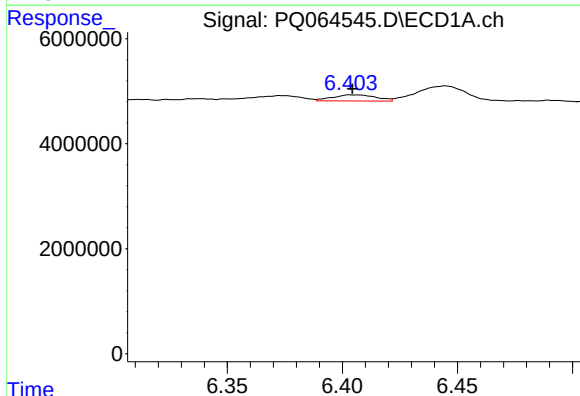
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 1588628
Conc: 8.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



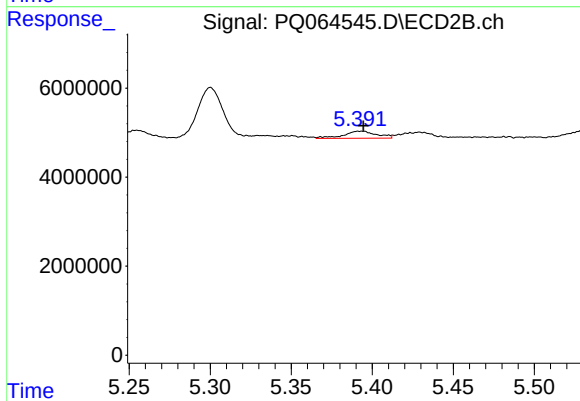
#31 AR-1260-1

R.T.: 5.206 min
Delta R.T.: 0.002 min
Response: 7570924
Conc: 39.15 ng/ml



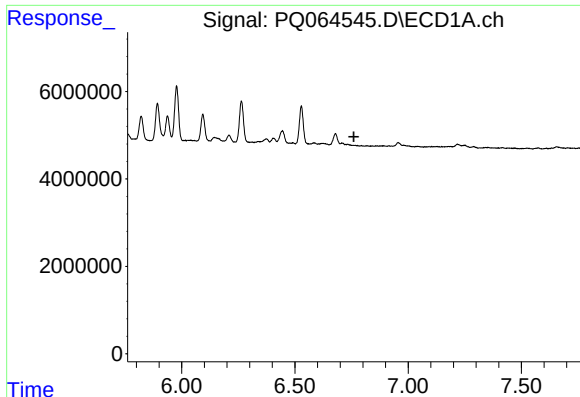
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 1527391
Conc: 7.05 ng/ml



#32 AR-1260-2

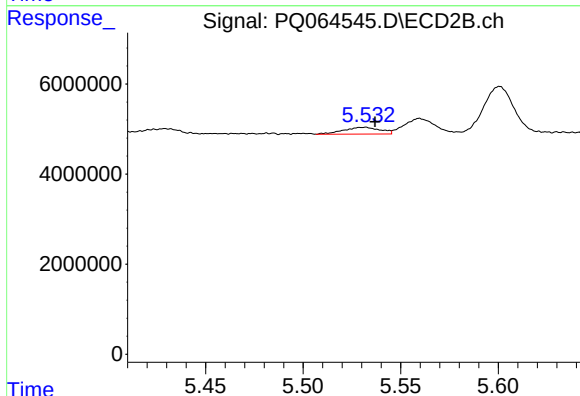
R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 2249343
Conc: 9.67 ng/ml



#33 AR-1260-3

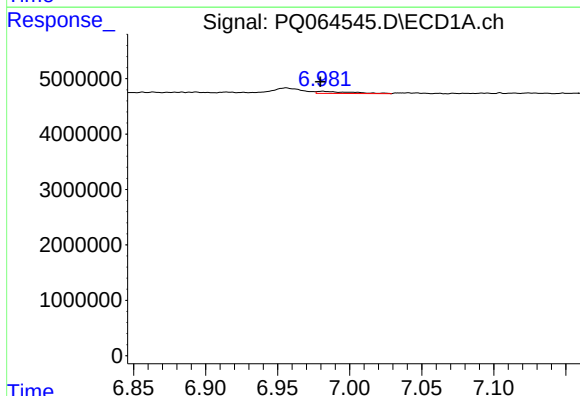
R.T.: 0.000 min
Exp R.T.: 6.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



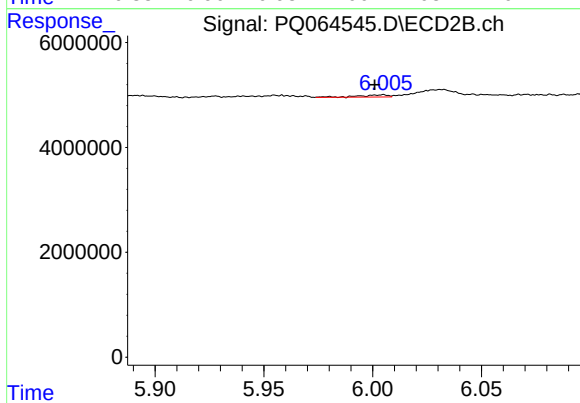
#33 AR-1260-3

R.T.: 5.531 min
Delta R.T.: -0.006 min
Response: 1978006
Conc: 9.10 ng/ml



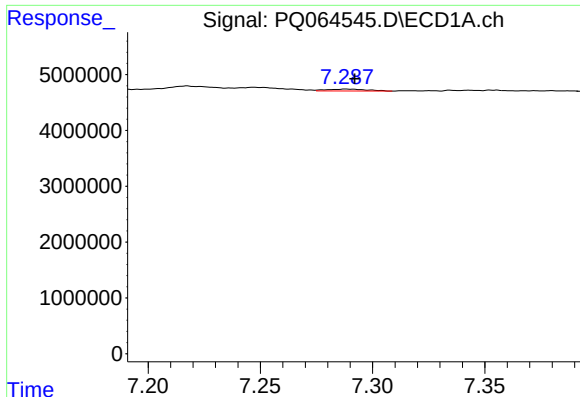
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 607887
Conc: 3.54 ng/ml



#34 AR-1260-4

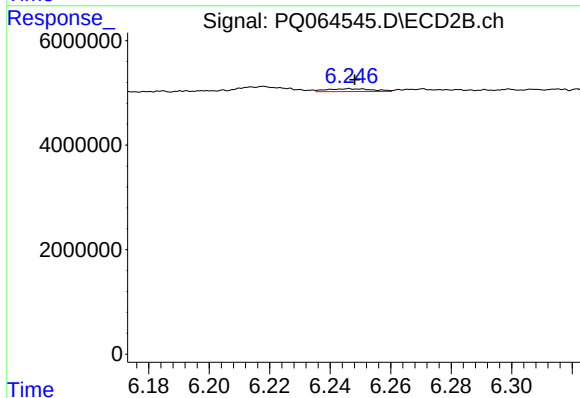
R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 354265
Conc: 1.92 ng/ml



#35 AR-1260-5

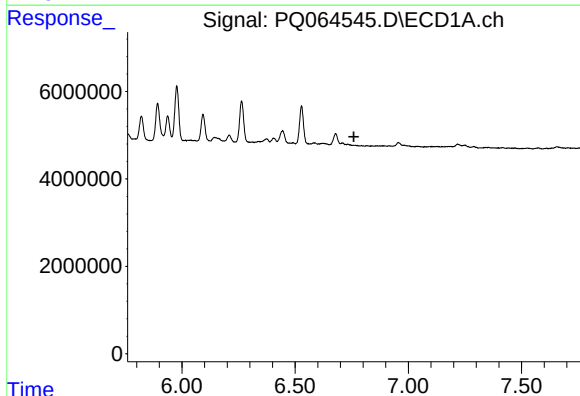
R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 409295
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



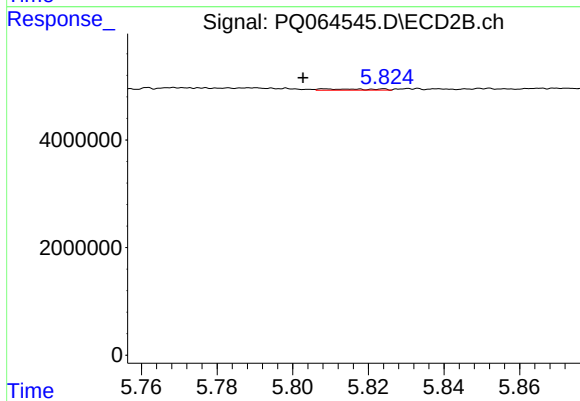
#35 AR-1260-5

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 565042
Conc: 1.30 ng/ml



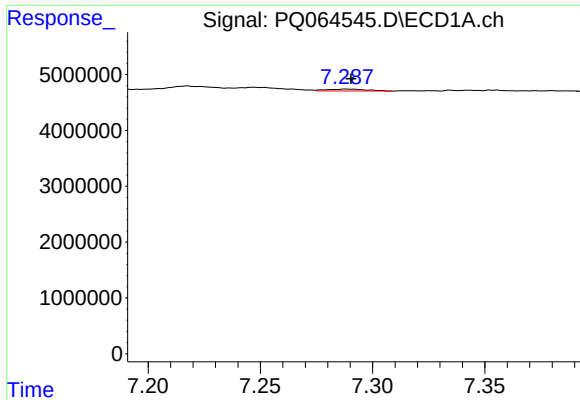
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.760 min
Response: 0
Conc: N.D.



#36 AR-1262-1

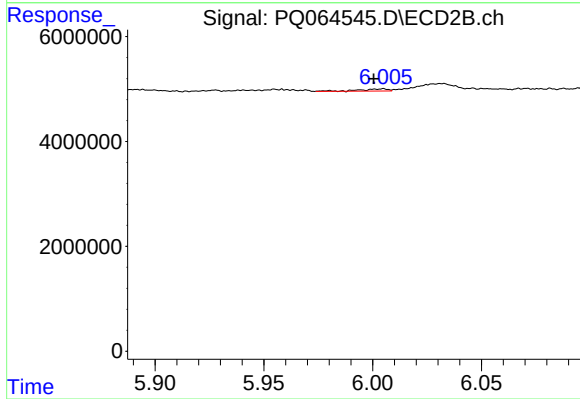
R.T.: 5.809 min
Delta R.T.: 0.006 min
Response: 208802
Conc: 1.83 ng/ml



#37 AR-1262-2

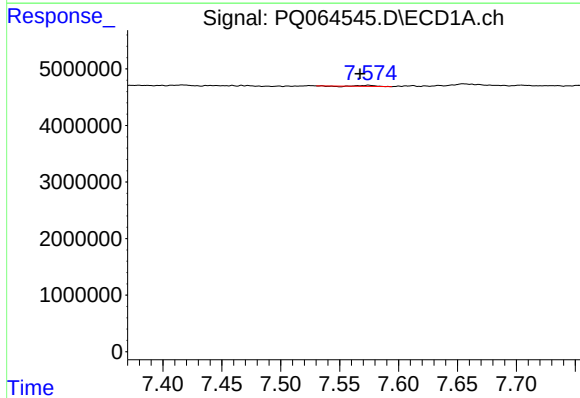
R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 409295
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



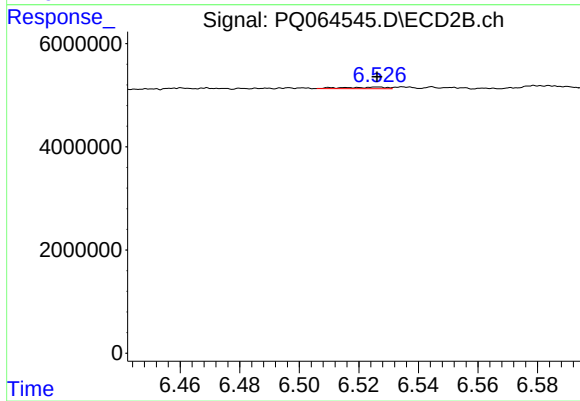
#37 AR-1262-2

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 354265
Conc: 1.39 ng/ml



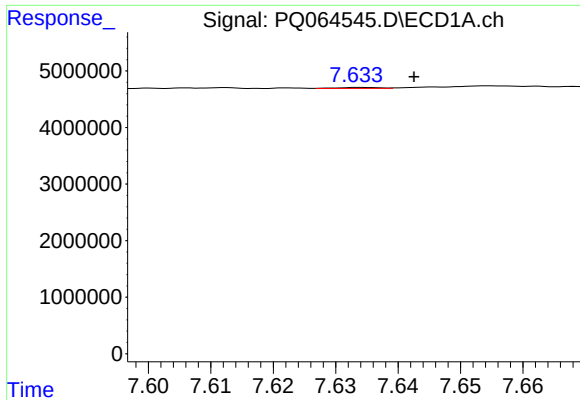
#38 AR-1262-3

R.T.: 7.574 min
Delta R.T.: 0.007 min
Response: 141967
Conc: 0.52 ng/ml



#38 AR-1262-3

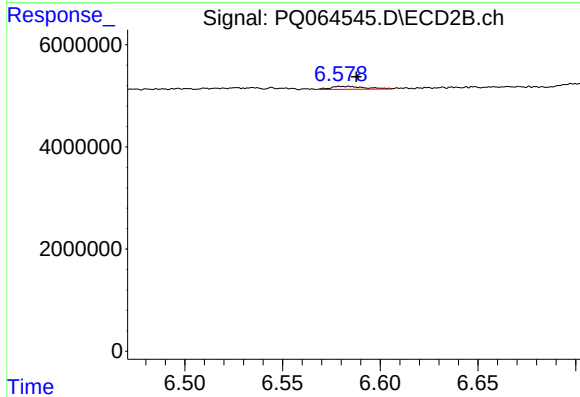
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 314775
Conc: 1.40 ng/ml



#39 AR-1262-4

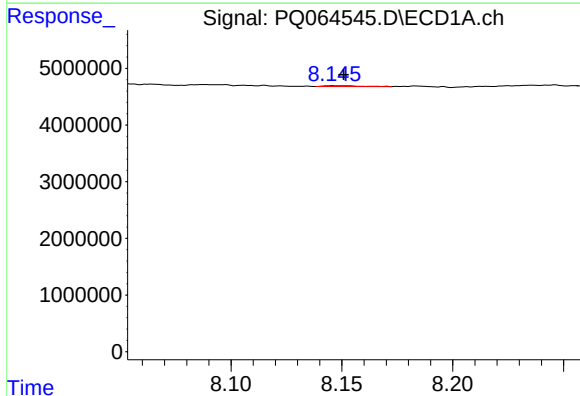
R.T.: 7.634 min
Delta R.T.: -0.008 min
Response: 85698
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



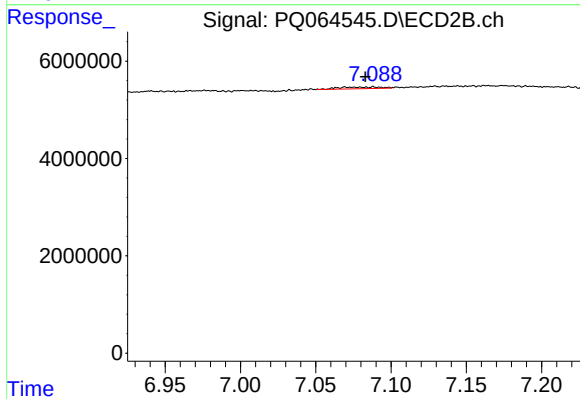
#39 AR-1262-4

R.T.: 6.584 min
Delta R.T.: -0.004 min
Response: 712948
Conc: 1.65 ng/ml



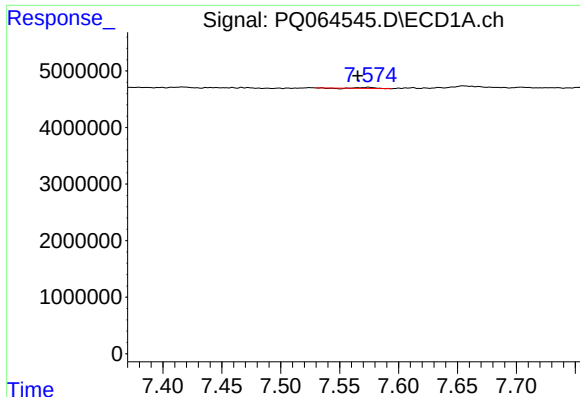
#40 AR-1262-5

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 152968
Conc: 1.12 ng/ml



#40 AR-1262-5

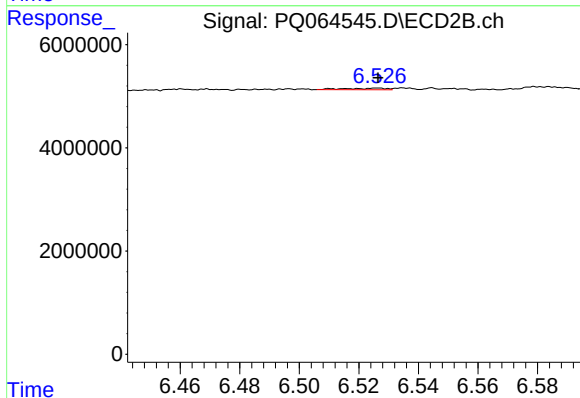
R.T.: 7.088 min
Delta R.T.: 0.006 min
Response: 674302
Conc: 2.57 ng/ml



#41 AR-1268-1

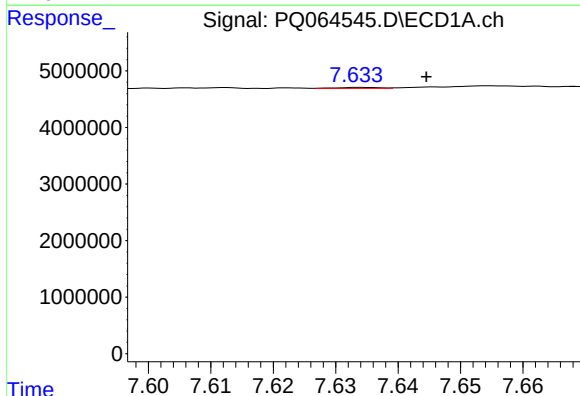
R.T.: 7.574 min
Delta R.T.: 0.009 min
Response: 141967
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



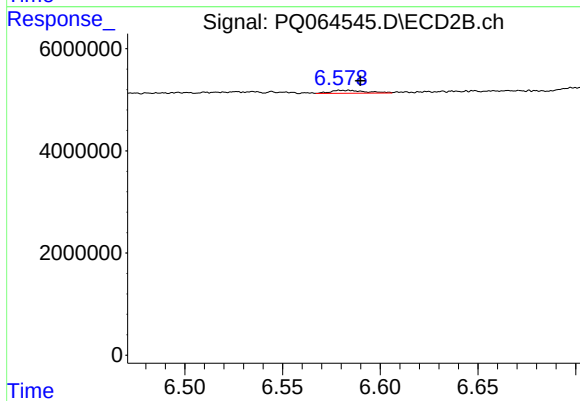
#41 AR-1268-1

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 314775
Conc: 0.48 ng/ml



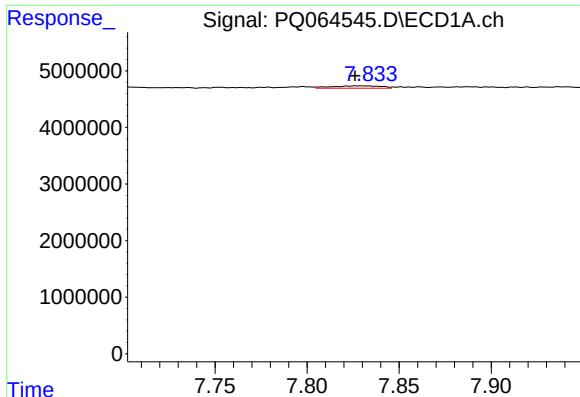
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 85698
Conc: 0.20 ng/ml



#42 AR-1268-2

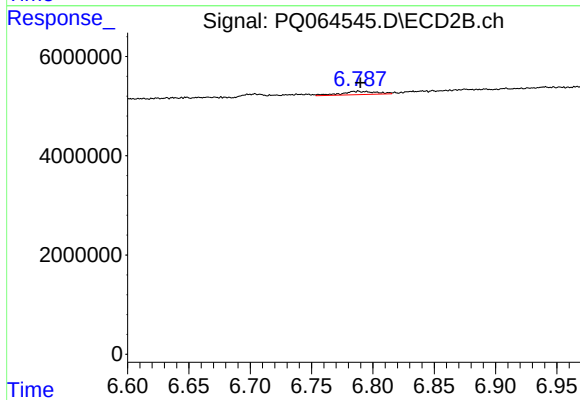
R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 712948
Conc: 1.15 ng/ml



#43 AR-1268-3

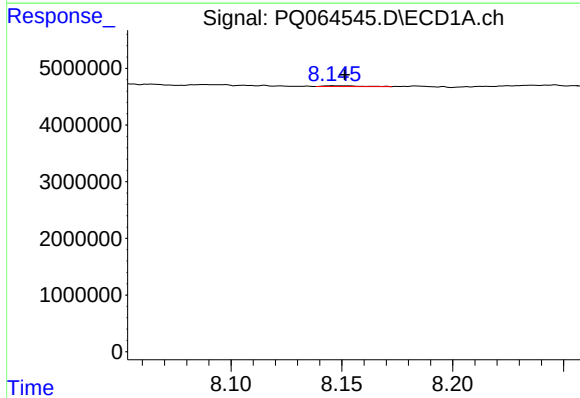
R.T.: 7.831 min
Delta R.T.: 0.005 min
Response: 766310
Conc: 2.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



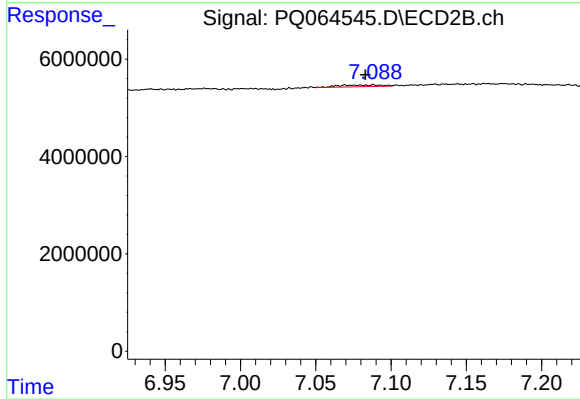
#43 AR-1268-3

R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 1355388
Conc: 2.12 ng/ml



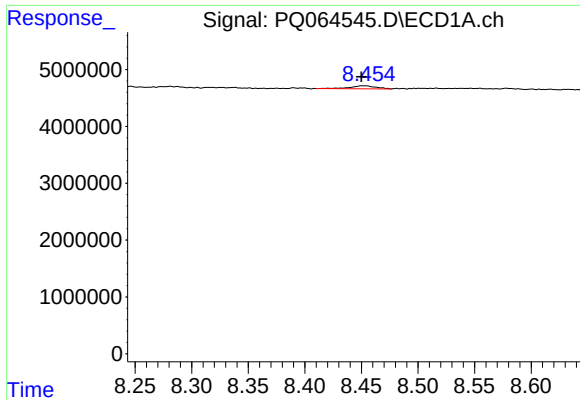
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 152968
Conc: 1.00 ng/ml



#44 AR-1268-4

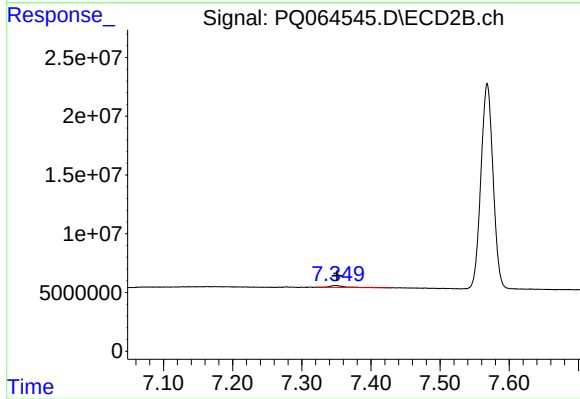
R.T.: 7.088 min
Delta R.T.: 0.005 min
Response: 674302
Conc: 2.24 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.002 min
Response: 846413
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 2254889
Conc: 1.19 ng/ml