

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050422\
 Data File : PQ057365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 10:50
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 02:25:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 26 08:09:43 2022
 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...	4.528	3.739	510.3E6	246.8E6	24.300	20.735
2)	SA Decachlor...	10.294	8.665	786.2E6	419.8E6	38.250	40.731
Target Compounds							
3)	L1 AR-1016-1	5.705	4.806	125.0E6	82858434	256.254	233.683
4)	L1 AR-1016-2	5.729	4.825	228.6E6	126.4E6	241.465	203.285
5)	L1 AR-1016-3	5.789	4.997	124.0E6	60443968	196.699	212.230
6)	L1 AR-1016-4	5.887	5.033	124.6E6	135.9E6	251.084	586.762 #
7)	L1 AR-1016-5	6.175	5.244	256.4E6	167.9E6	591.115	566.660
8)	L2 AR-1221-1	4.740	3.949	519675	1061369	2.303	8.307 #
9)	L2 AR-1221-2	4.839	4.036	9549230	4067673	60.388	45.095 #
10)	L2 AR-1221-3	4.909	4.110	14979353	7092307	27.364	22.600
11)	L3 AR-1232-1	4.909	4.110	14979353	7092307	28.327	23.351
12)	L3 AR-1232-2	5.432	4.825	79635361	126.4E6	274.495	402.204 #
13)	L3 AR-1232-3	5.729	4.997	228.6E6	60443968	428.452	436.991
14)	L3 AR-1232-4	5.887	5.075	124.6E6	141.7E6	437.473	1104.207 #
15)	L3 AR-1232-5	5.970	5.244	212.3E6	167.9E6	1066.733	1125.231
16)	L4 AR-1242-1	5.705	4.806	125.0E6	82858434	309.632	279.462
17)	L4 AR-1242-2	5.729	4.825	228.6E6	126.4E6	282.077	237.988
18)	L4 AR-1242-3	5.789	4.997	124.0E6	60443968	234.111	251.595
19)	L4 AR-1242-4	5.887	5.075	124.6E6	141.7E6	296.127	593.119 #
20)	L4 AR-1242-5	6.622	5.590	313.0E6	246.1E6	747.416	778.520
21)	L5 AR-1248-1	5.705	4.806	125.0E6	82858434	389.272	347.610
22)	L5 AR-1248-2	5.970	5.033	212.3E6	135.9E6	404.816	379.716
23)	L5 AR-1248-3	6.175	5.075	256.4E6	141.7E6	404.249	374.494
24)	L5 AR-1248-4	6.583	5.244	279.2E6	167.9E6	407.152	368.298
25)	L5 AR-1248-5	6.622	5.633	313.0E6	213.9E6	425.153	447.139
26)	L6 AR-1254-1	6.553	5.590	198.6E6	246.1E6	307.667	340.365
27)	L6 AR-1254-2	6.779	5.734	288.7E6	68888786	286.529	112.491 #
28)	L6 AR-1254-3	7.139	6.132	167.3E6	108.9E6	139.345	106.552
29)	L6 AR-1254-4	7.427	6.360	104.3E6	75830562	126.308	100.365
30)	L6 AR-1254-5	7.841	6.768	25416271	22006087	28.398	24.345
31)	L7 AR-1260-1	7.266	6.274	78445191	49852732	114.694	91.010
32)	L7 AR-1260-2	7.550	6.443	28011948	10110034	34.585	14.994 #
33)	L7 AR-1260-3	7.841	6.593	25416271	11635695	26.106	18.304 #
34)	L7 AR-1260-4	8.136	7.059	14489875	1246133	18.610	2.355 #
35)	L7 AR-1260-5	8.466	7.297	6921790	5975488	4.297	4.541
36)	L8 AR-1262-1	7.904	6.768	6255956	22006087	6.153	47.824 #
37)	L8 AR-1262-2	8.466	7.297	6921790	5975488	3.355	3.446
38)	L8 AR-1262-3	8.802	7.579	4728822	1545130	5.134	2.247 #
39)	L8 AR-1262-4	8.867	7.641	1704978	3646706	2.069	2.883 #
40)	L8 AR-1262-5	9.541	8.132	3153989	808815	3.713	1.467 #
41)	L9 AR-1268-1	8.802	7.579	4728822	1545130	1.897	0.783 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050422\
Data File : PQ057365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2022 10:50
Operator : YP\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

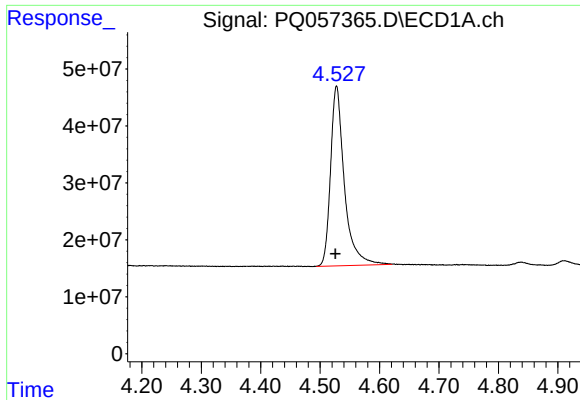
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 02:25:43 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 26 08:09:43 2022
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	8.867	7.641	1704978	3646706	0.635	2.026 #
43)	L9 AR-1268-3	9.105	7.842	1506954	1071813	0.658	0.761
44)	L9 AR-1268-4	9.541	8.132	3153989	808815	3.312	1.344 #
45)	L9 AR-1268-5	9.961	8.419	6701852	2660593	0.807	0.561 #

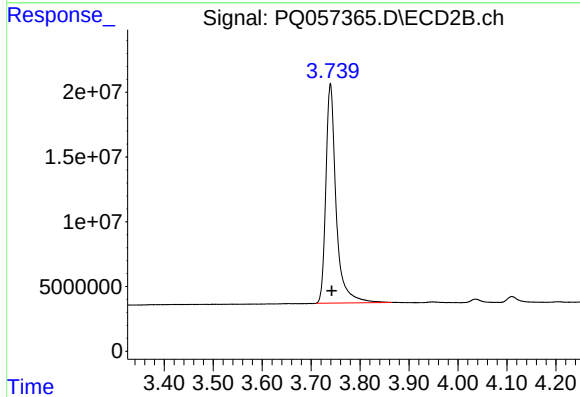
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

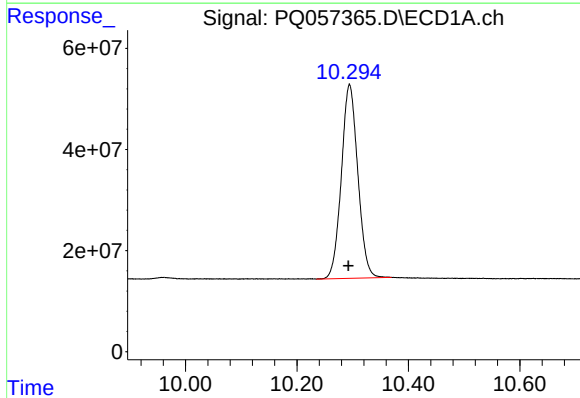
R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 510307253
Conc: 24.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



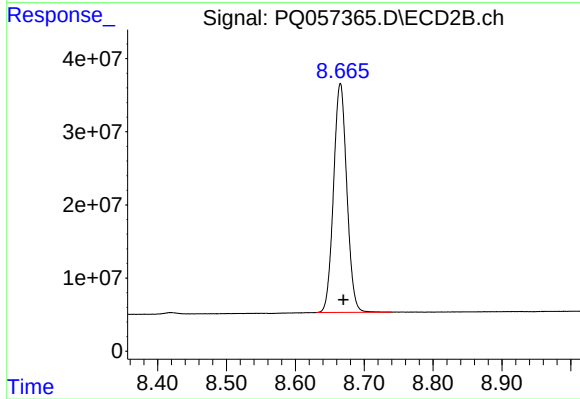
#1 Tetrachloro-m-xylene

R.T.: 3.739 min
Delta R.T.: -0.002 min
Response: 246760342
Conc: 20.73 ng/ml



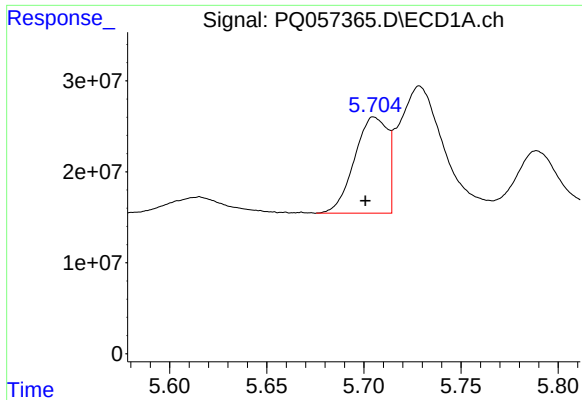
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: 0.002 min
Response: 786235144
Conc: 38.25 ng/ml



#2 Decachlorobiphenyl

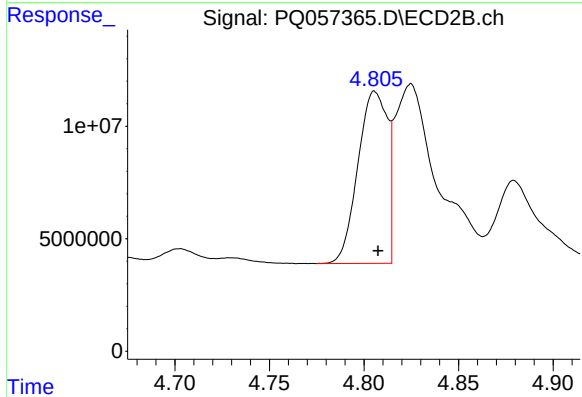
R.T.: 8.665 min
Delta R.T.: -0.004 min
Response: 419808696
Conc: 40.73 ng/ml



#3 AR-1016-1

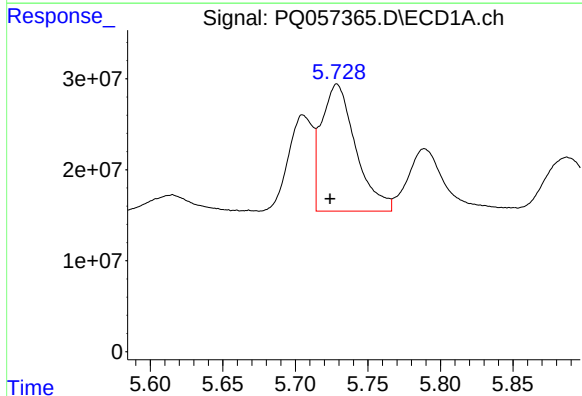
R.T.: 5.705 min
Delta R.T.: 0.004 min
Response: 124981685
Conc: 256.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



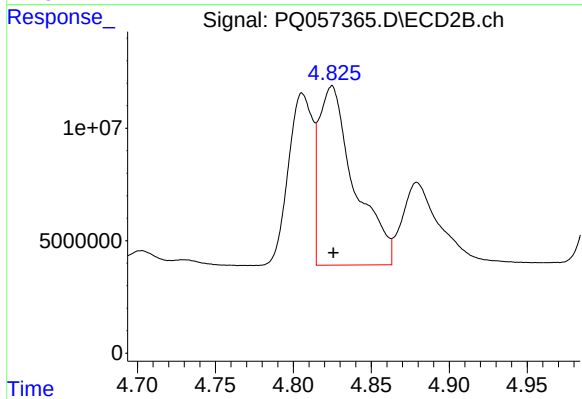
#3 AR-1016-1

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 82858434
Conc: 233.68 ng/ml



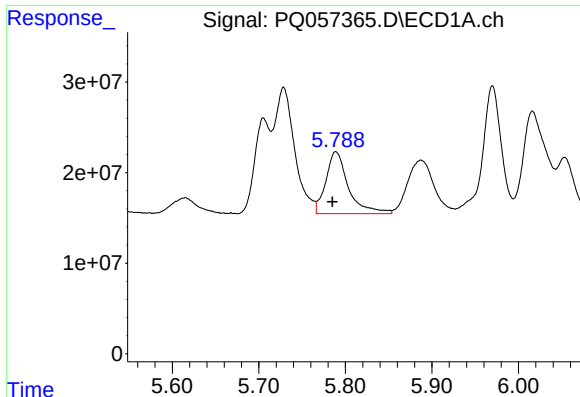
#4 AR-1016-2

R.T.: 5.729 min
Delta R.T.: 0.005 min
Response: 228573969
Conc: 241.47 ng/ml



#4 AR-1016-2

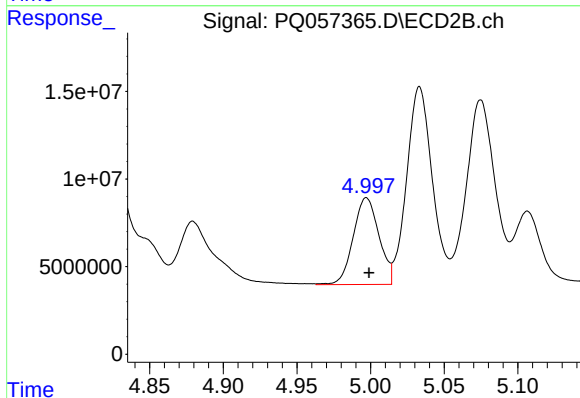
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 126445192
Conc: 203.28 ng/ml



#5 AR-1016-3

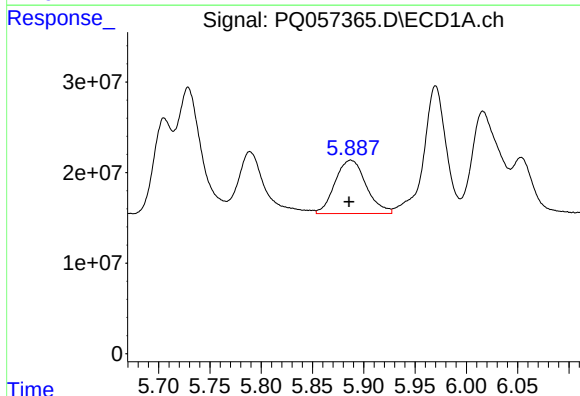
R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 124029455
Conc: 196.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



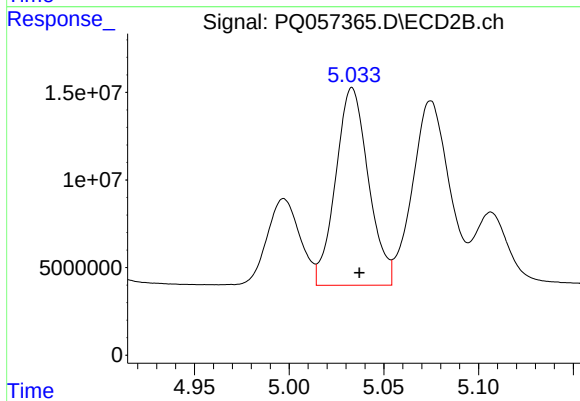
#5 AR-1016-3

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 60443968
Conc: 212.23 ng/ml



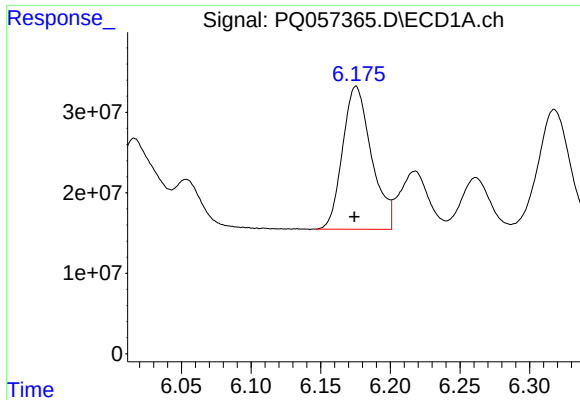
#6 AR-1016-4

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 124588188
Conc: 251.08 ng/ml



#6 AR-1016-4

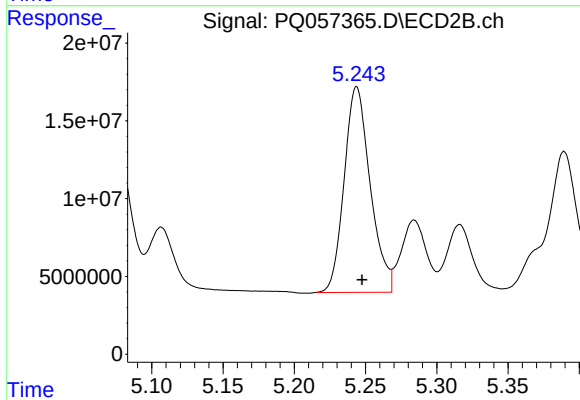
R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 135889203
Conc: 586.76 ng/ml



#7 AR-1016-5

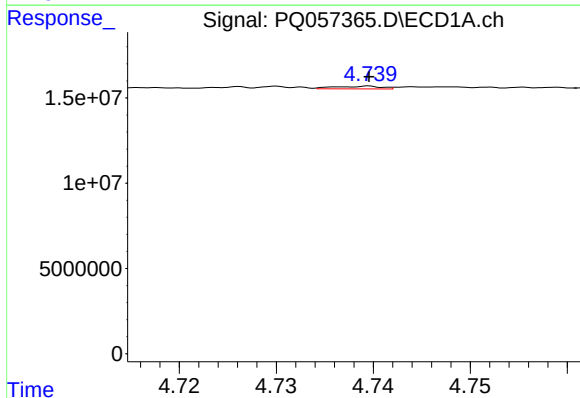
R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 256407301
Conc: 591.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



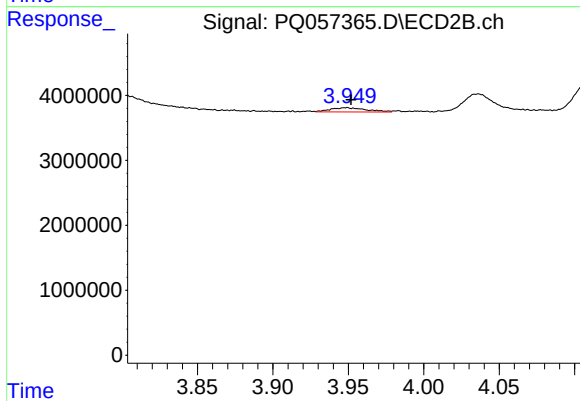
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 167932148
Conc: 566.66 ng/ml



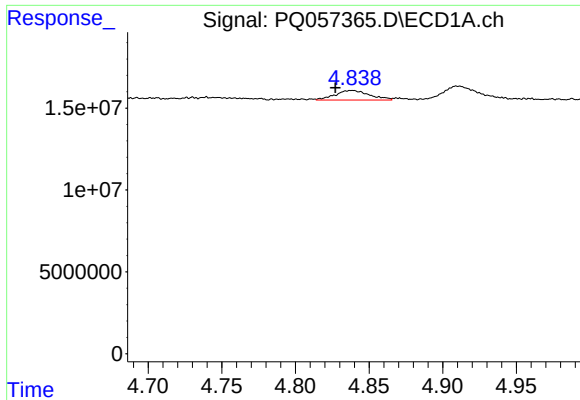
#8 AR-1221-1

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 519675
Conc: 2.30 ng/ml



#8 AR-1221-1

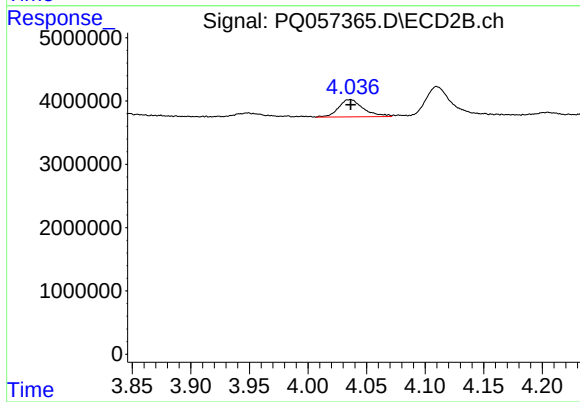
R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 1061369
Conc: 8.31 ng/ml



#9 AR-1221-2

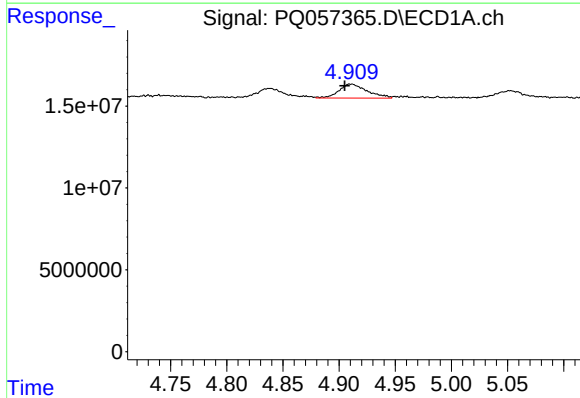
R.T.: 4.839 min
Delta R.T.: 0.011 min
Response: 9549230
Conc: 60.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



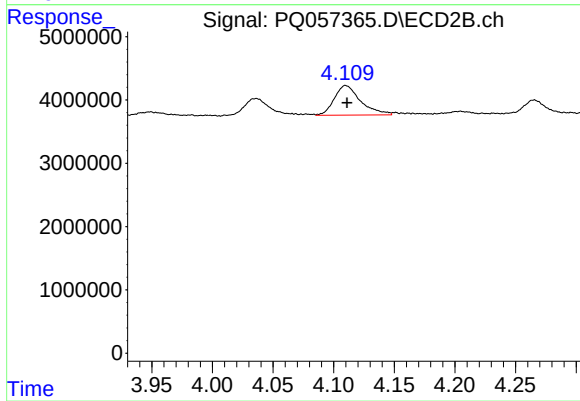
#9 AR-1221-2

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 4067673
Conc: 45.09 ng/ml



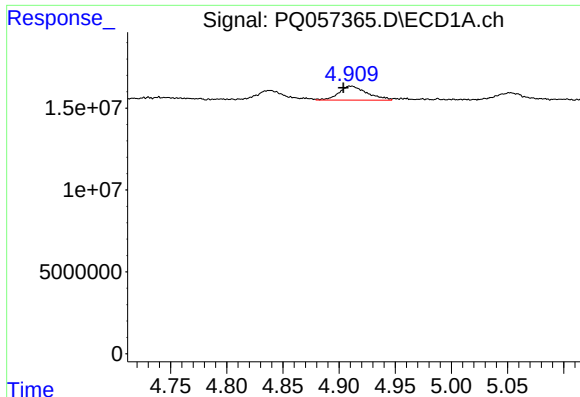
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.004 min
Response: 14979353
Conc: 27.36 ng/ml



#10 AR-1221-3

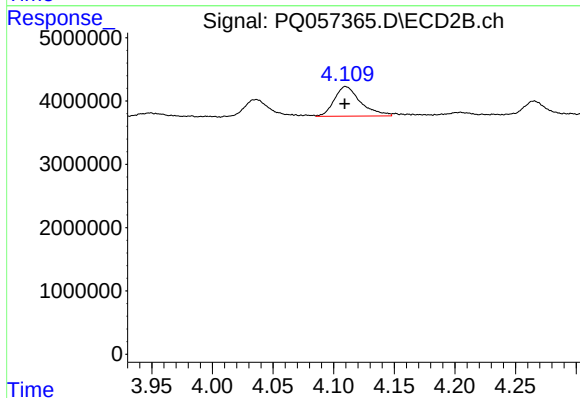
R.T.: 4.110 min
Delta R.T.: -0.001 min
Response: 7092307
Conc: 22.60 ng/ml



#11 AR-1232-1

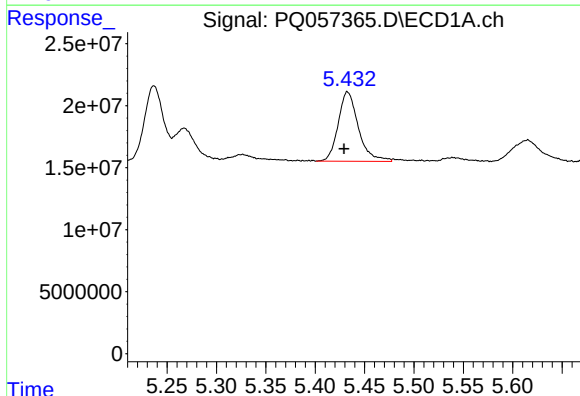
R.T.: 4.909 min
Delta R.T.: 0.006 min
Response: 14979353
Conc: 28.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



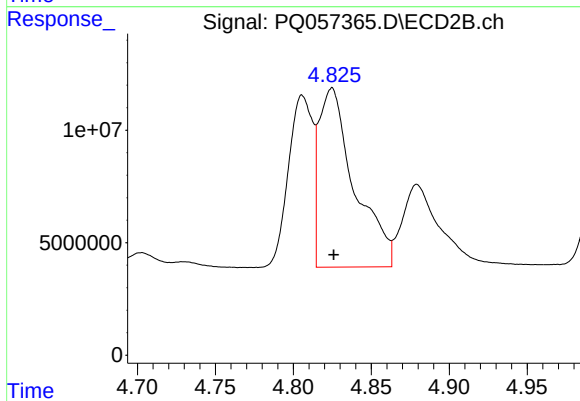
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 7092307
Conc: 23.35 ng/ml



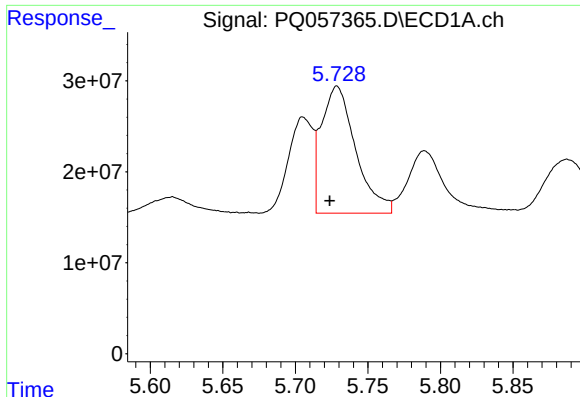
#12 AR-1232-2

R.T.: 5.432 min
Delta R.T.: 0.003 min
Response: 79635361
Conc: 274.49 ng/ml



#12 AR-1232-2

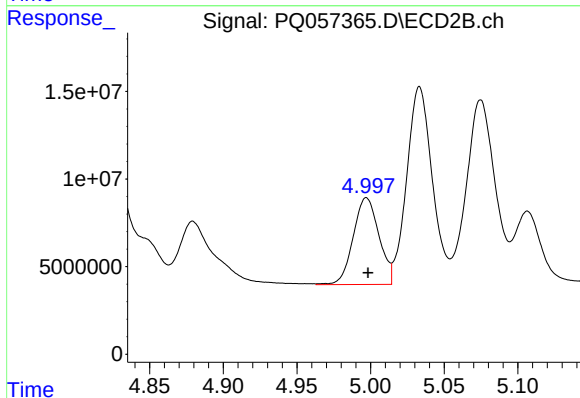
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 126445192
Conc: 402.20 ng/ml



#13 AR-1232-3

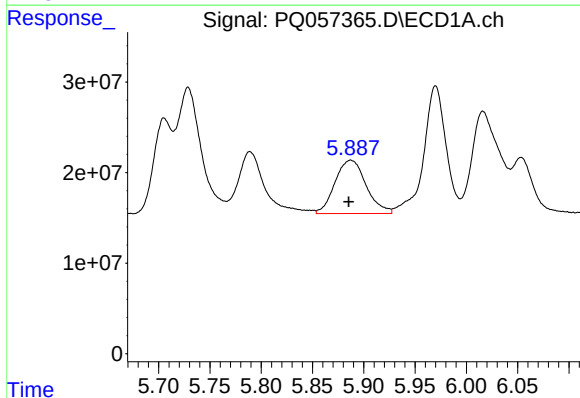
R.T.: 5.729 min
Delta R.T.: 0.005 min
Response: 228573969
Conc: 428.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



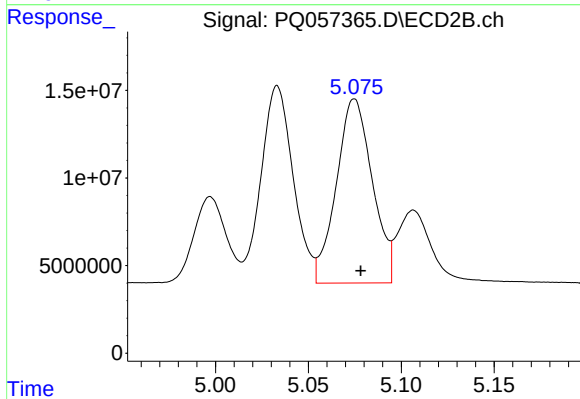
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 60443968
Conc: 436.99 ng/ml



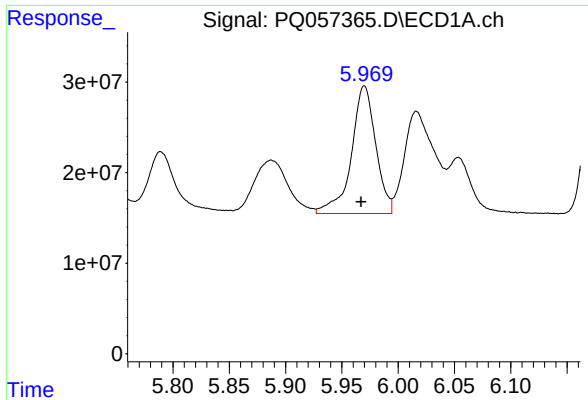
#14 AR-1232-4

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 124588188
Conc: 437.47 ng/ml



#14 AR-1232-4

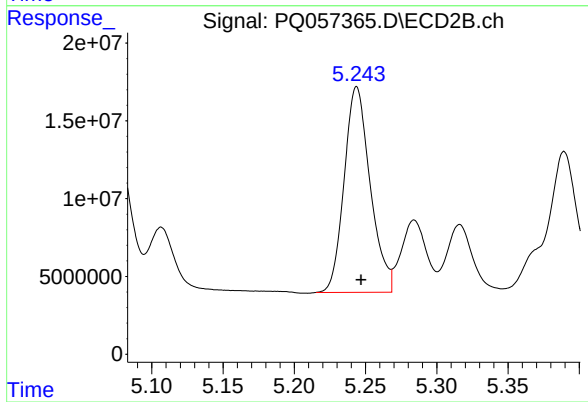
R.T.: 5.075 min
Delta R.T.: -0.003 min
Response: 141712768
Conc: 1104.21 ng/ml



#15 AR-1232-5

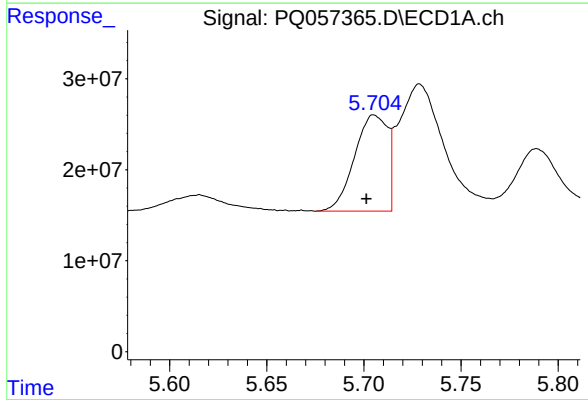
R.T.: 5.970 min
Delta R.T.: 0.003 min
Response: 212338317
Conc: 1066.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



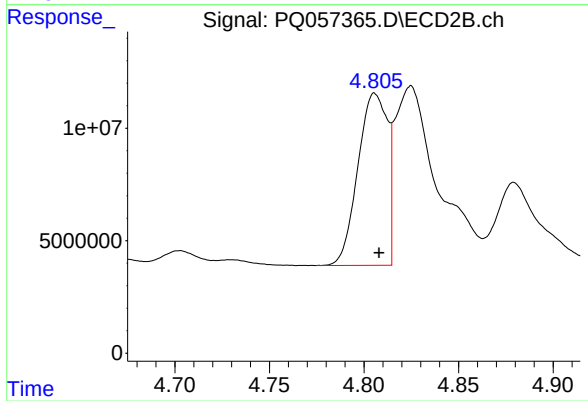
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 167932148
Conc: 1125.23 ng/ml



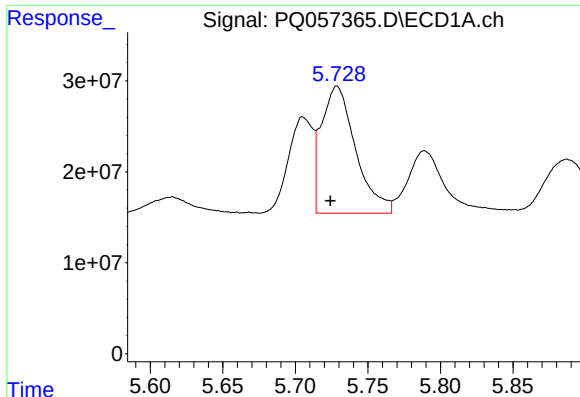
#16 AR-1242-1

R.T.: 5.705 min
Delta R.T.: 0.004 min
Response: 124981685
Conc: 309.63 ng/ml



#16 AR-1242-1

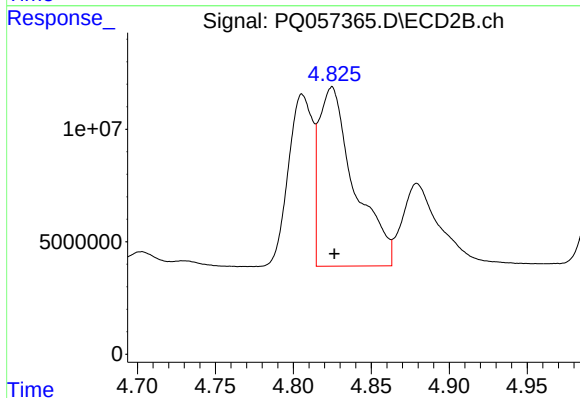
R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 82858434
Conc: 279.46 ng/ml



#17 AR-1242-2

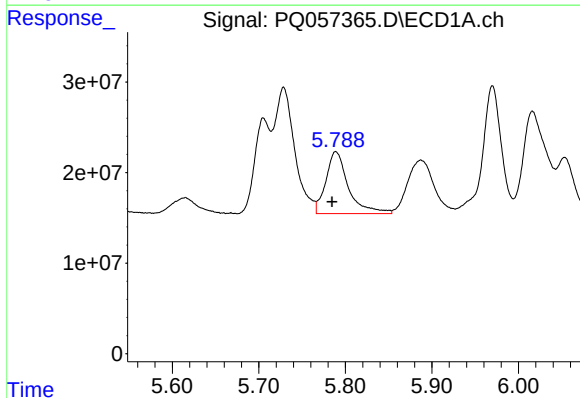
R.T.: 5.729 min
Delta R.T.: 0.004 min
Response: 228573969
Conc: 282.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



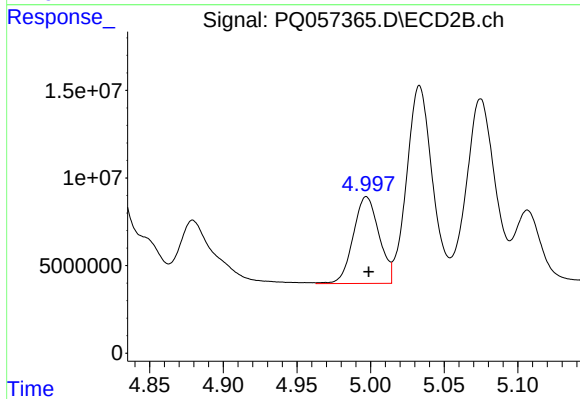
#17 AR-1242-2

R.T.: 4.825 min
Delta R.T.: -0.001 min
Response: 126445192
Conc: 237.99 ng/ml



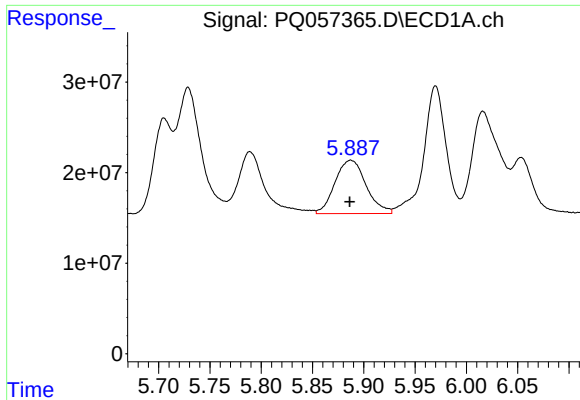
#18 AR-1242-3

R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 124029455
Conc: 234.11 ng/ml



#18 AR-1242-3

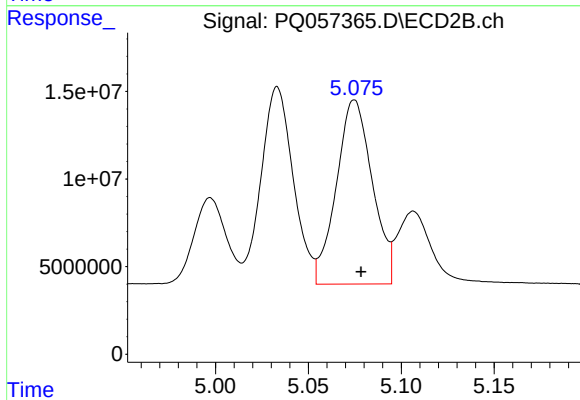
R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 60443968
Conc: 251.60 ng/ml



#19 AR-1242-4

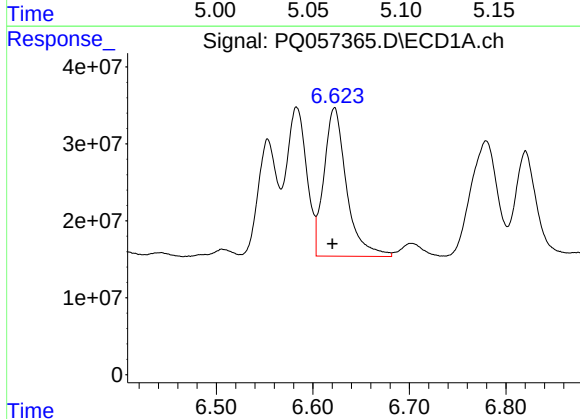
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 124588188
Conc: 296.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



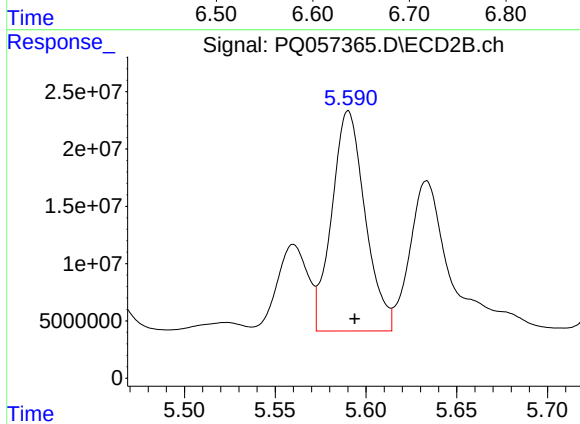
#19 AR-1242-4

R.T.: 5.075 min
Delta R.T.: -0.004 min
Response: 141712768
Conc: 593.12 ng/ml



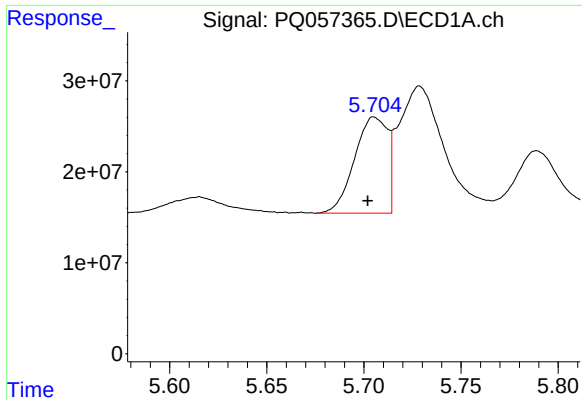
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 313031938
Conc: 747.42 ng/ml



#20 AR-1242-5

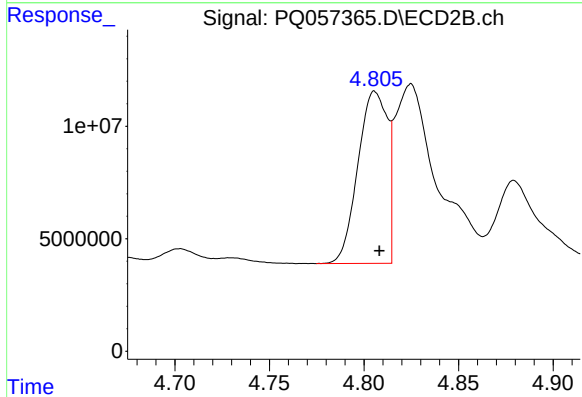
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 246092185
Conc: 778.52 ng/ml



#21 AR-1248-1

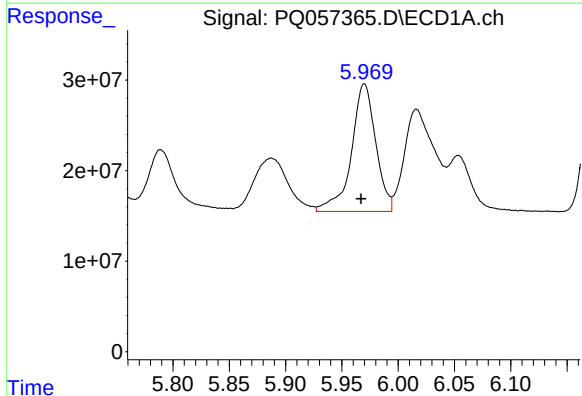
R.T.: 5.705 min
Delta R.T.: 0.003 min
Response: 124981685
Conc: 389.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



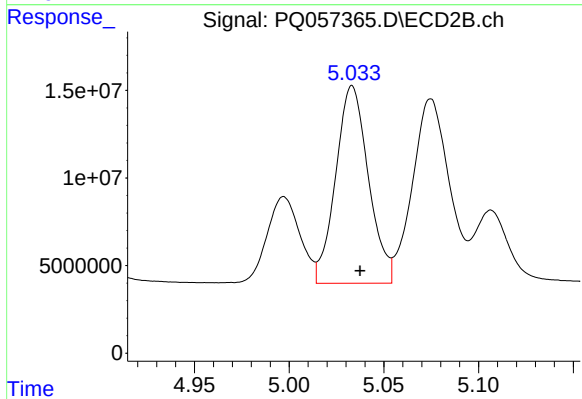
#21 AR-1248-1

R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 82858434
Conc: 347.61 ng/ml



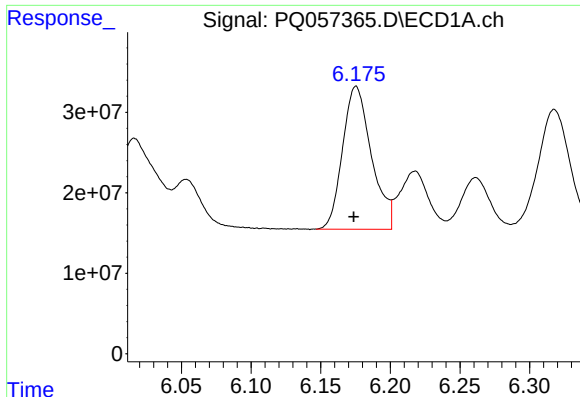
#22 AR-1248-2

R.T.: 5.970 min
Delta R.T.: 0.003 min
Response: 212338317
Conc: 404.82 ng/ml



#22 AR-1248-2

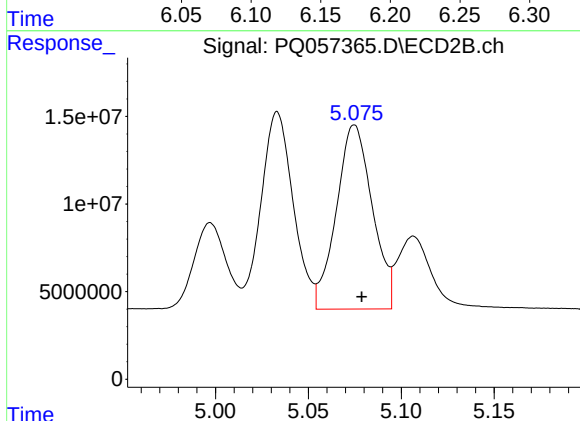
R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 135889203
Conc: 379.72 ng/ml



#23 AR-1248-3

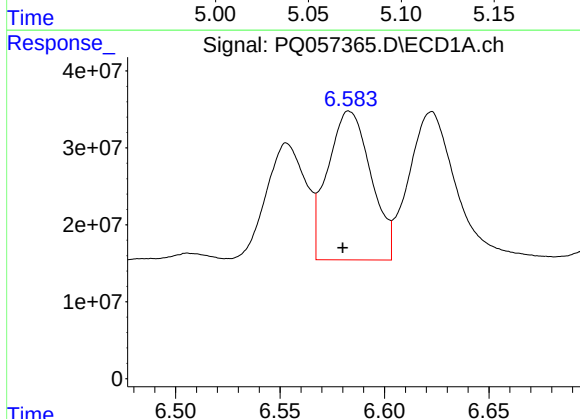
R.T.: 6.175 min
Delta R.T.: 0.002 min
Response: 256407301
Conc: 404.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



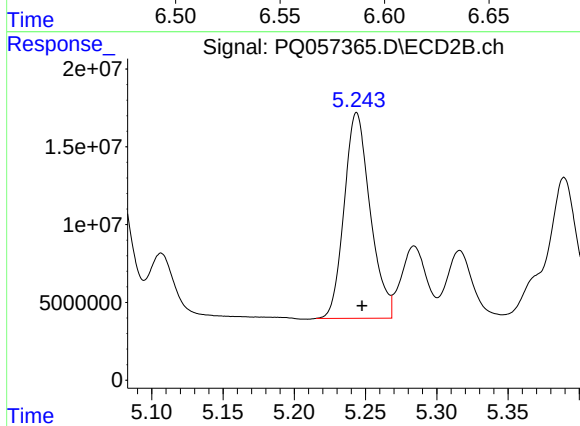
#23 AR-1248-3

R.T.: 5.075 min
Delta R.T.: -0.004 min
Response: 141712768
Conc: 374.49 ng/ml



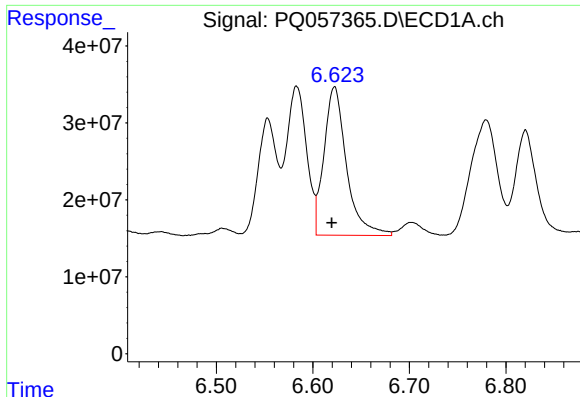
#24 AR-1248-4

R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 279243974
Conc: 407.15 ng/ml



#24 AR-1248-4

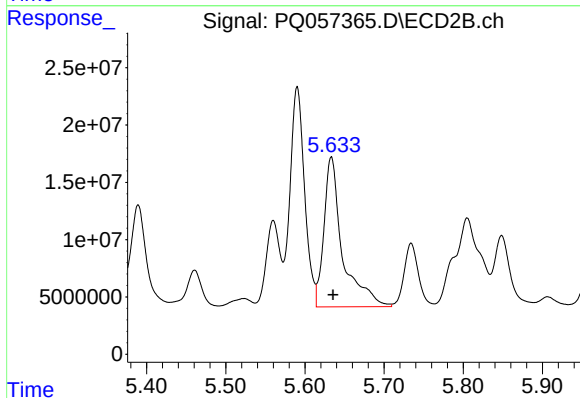
R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 167932148
Conc: 368.30 ng/ml



#25 AR-1248-5

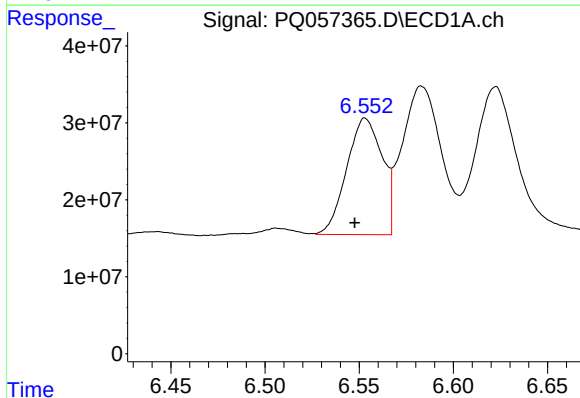
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 313031938
Conc: 425.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



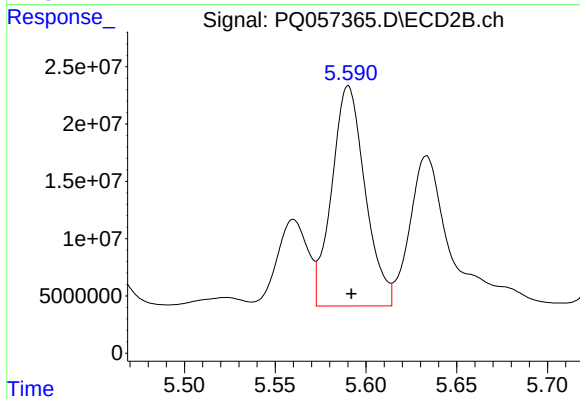
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 213900141
Conc: 447.14 ng/ml



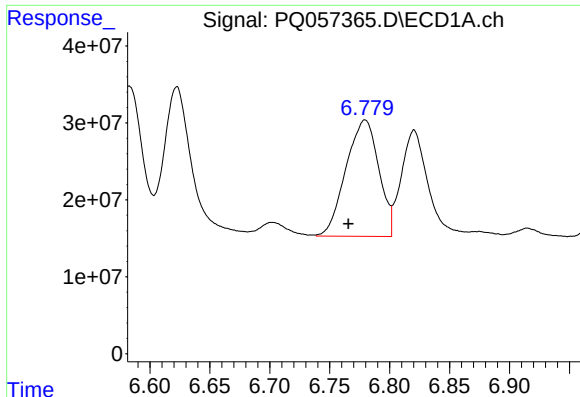
#26 AR-1254-1

R.T.: 6.553 min
Delta R.T.: 0.006 min
Response: 198586424
Conc: 307.67 ng/ml



#26 AR-1254-1

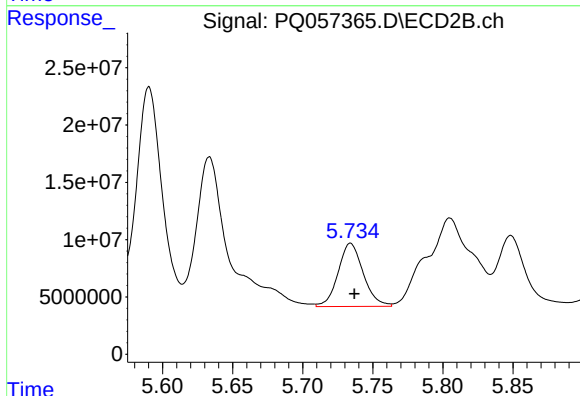
R.T.: 5.590 min
Delta R.T.: -0.002 min
Response: 246092185
Conc: 340.36 ng/ml



#27 AR-1254-2

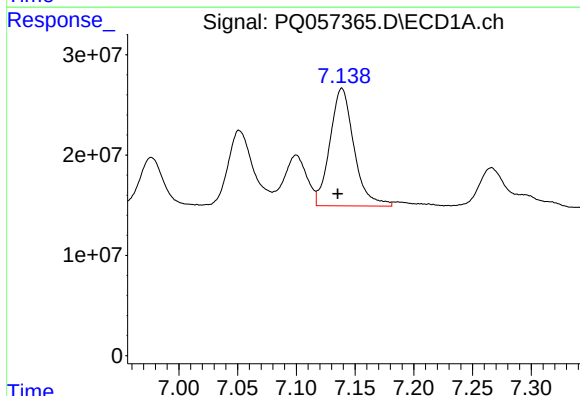
R.T.: 6.779 min
Delta R.T.: 0.014 min
Response: 288734968
Conc: 286.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



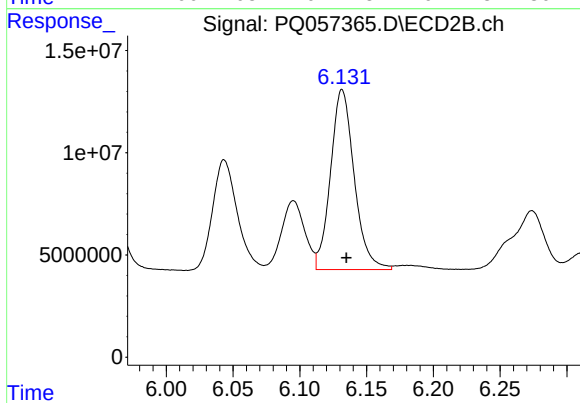
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 68888786
Conc: 112.49 ng/ml



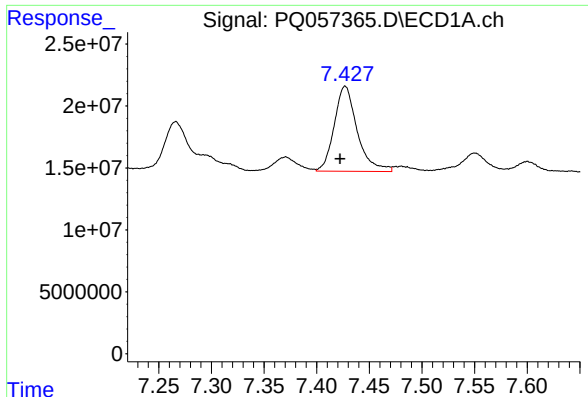
#28 AR-1254-3

R.T.: 7.139 min
Delta R.T.: 0.003 min
Response: 167346846
Conc: 139.35 ng/ml



#28 AR-1254-3

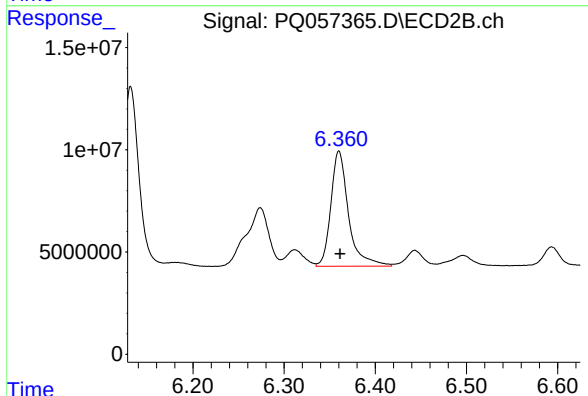
R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 108875873
Conc: 106.55 ng/ml



#29 AR-1254-4

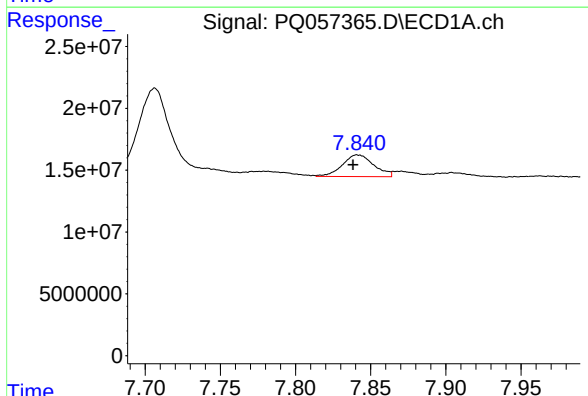
R.T.: 7.427 min
Delta R.T.: 0.005 min
Response: 104339147
Conc: 126.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



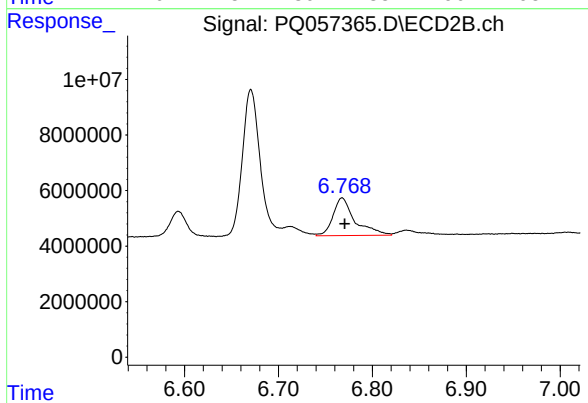
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 75830562
Conc: 100.36 ng/ml



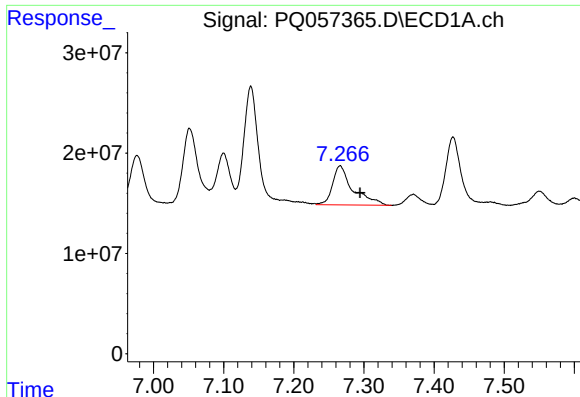
#30 AR-1254-5

R.T.: 7.841 min
Delta R.T.: 0.003 min
Response: 25416271
Conc: 28.40 ng/ml



#30 AR-1254-5

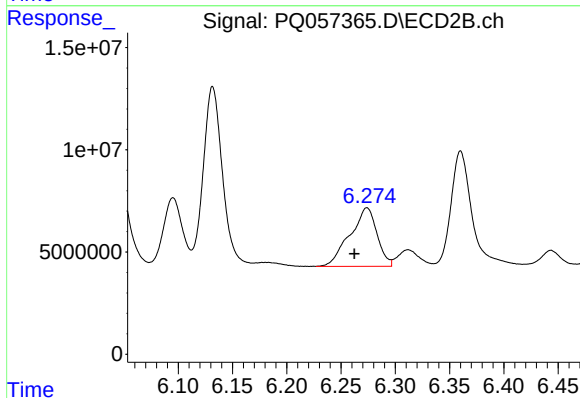
R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 22006087
Conc: 24.34 ng/ml



#31 AR-1260-1

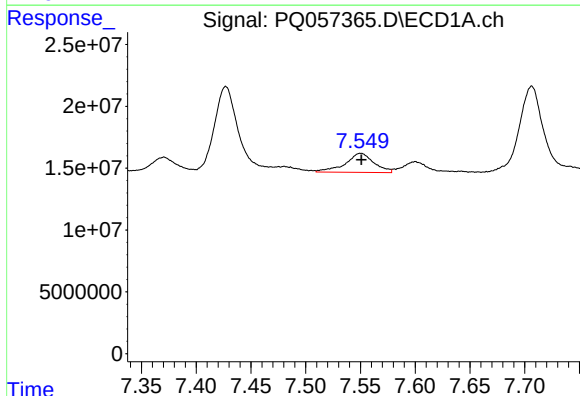
R.T.: 7.266 min
Delta R.T.: -0.029 min
Response: 78445191
Conc: 114.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



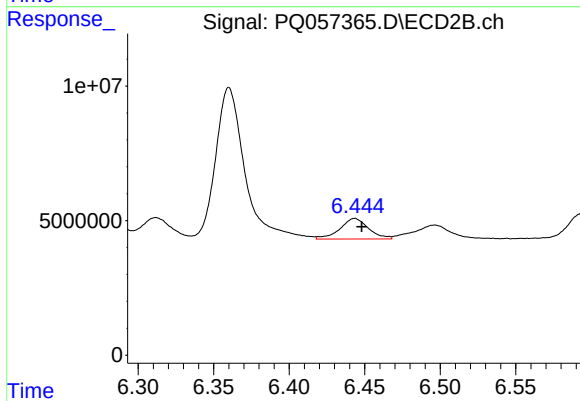
#31 AR-1260-1

R.T.: 6.274 min
Delta R.T.: 0.012 min
Response: 49852732
Conc: 91.01 ng/ml



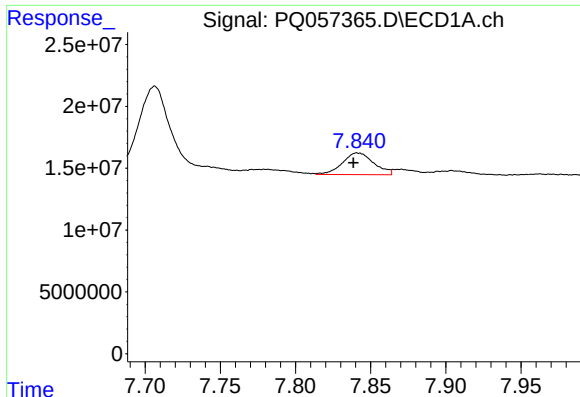
#32 AR-1260-2

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 28011948
Conc: 34.59 ng/ml



#32 AR-1260-2

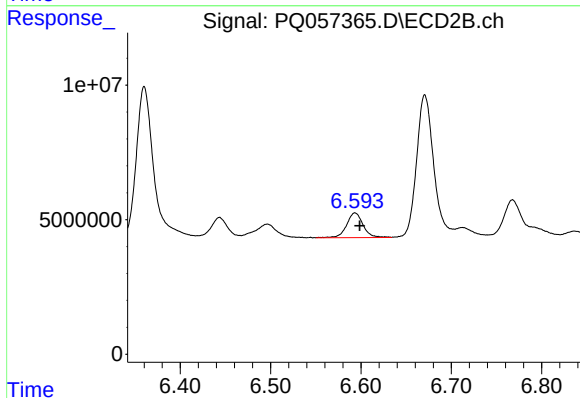
R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 10110034
Conc: 14.99 ng/ml



#33 AR-1260-3

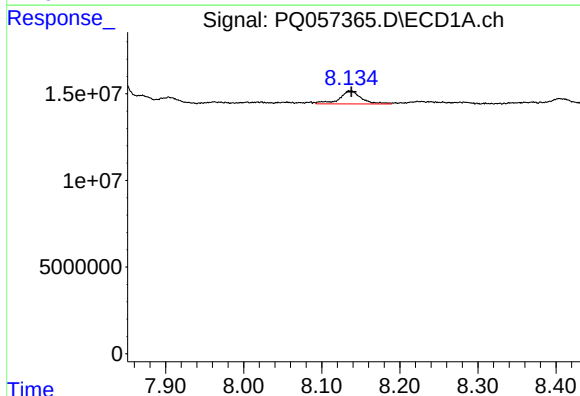
R.T.: 7.841 min
Delta R.T.: 0.003 min
Response: 25416271
Conc: 26.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



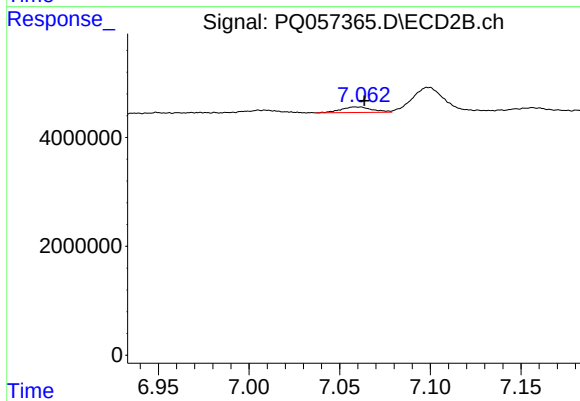
#33 AR-1260-3

R.T.: 6.593 min
Delta R.T.: -0.005 min
Response: 11635695
Conc: 18.30 ng/ml



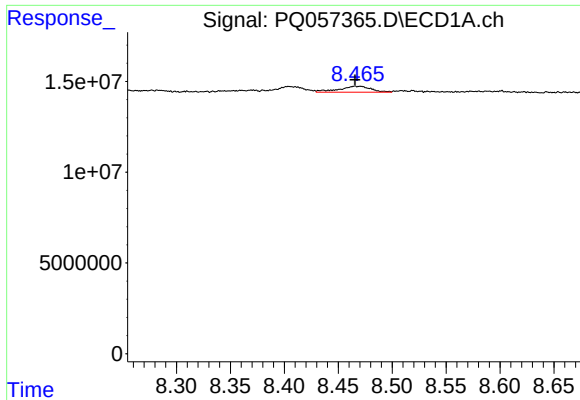
#34 AR-1260-4

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 14489875
Conc: 18.61 ng/ml



#34 AR-1260-4

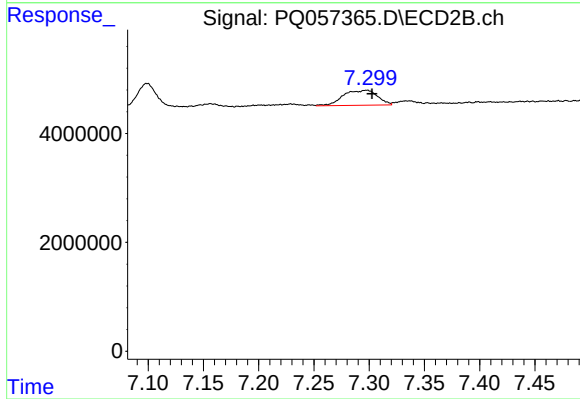
R.T.: 7.059 min
Delta R.T.: -0.005 min
Response: 1246133
Conc: 2.35 ng/ml



#35 AR-1260-5

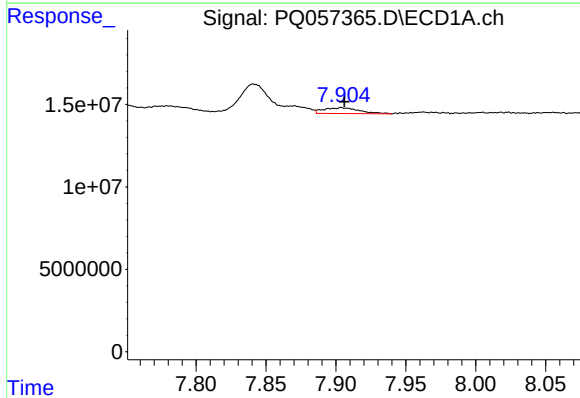
R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 6921790
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



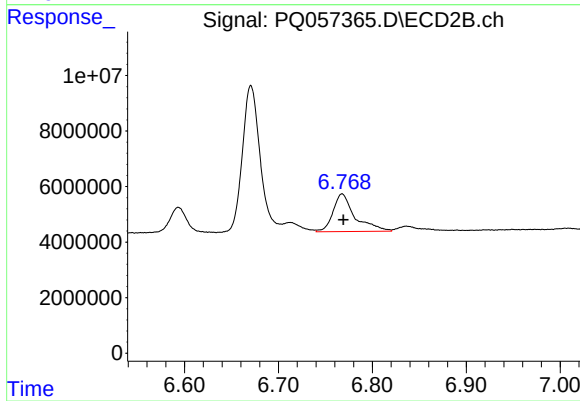
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 5975488
Conc: 4.54 ng/ml



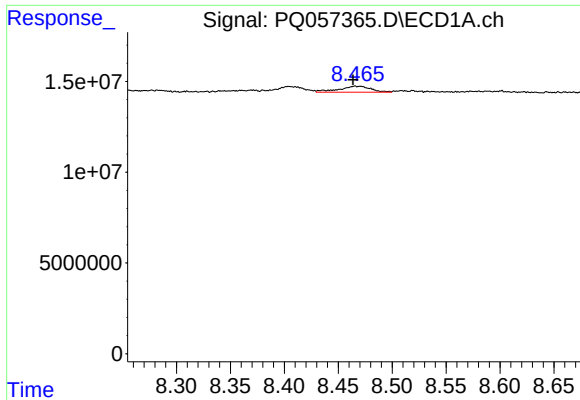
#36 AR-1262-1

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 6255956
Conc: 6.15 ng/ml



#36 AR-1262-1

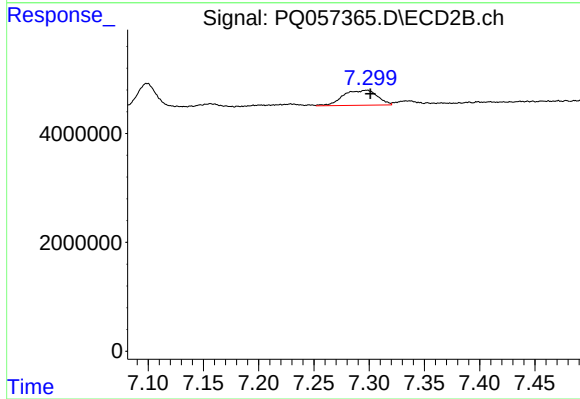
R.T.: 6.768 min
Delta R.T.: -0.001 min
Response: 22006087
Conc: 47.82 ng/ml



#37 AR-1262-2

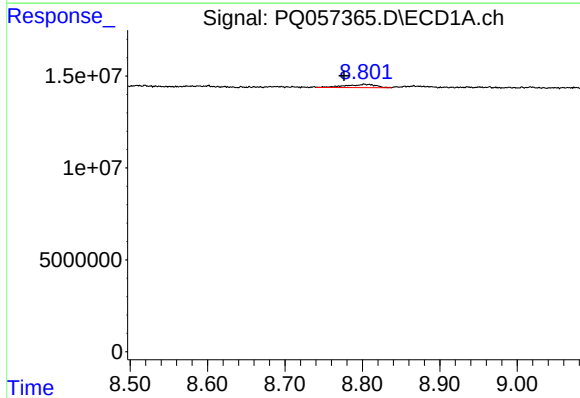
R.T.: 8.466 min
Delta R.T.: 0.002 min
Response: 6921790
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



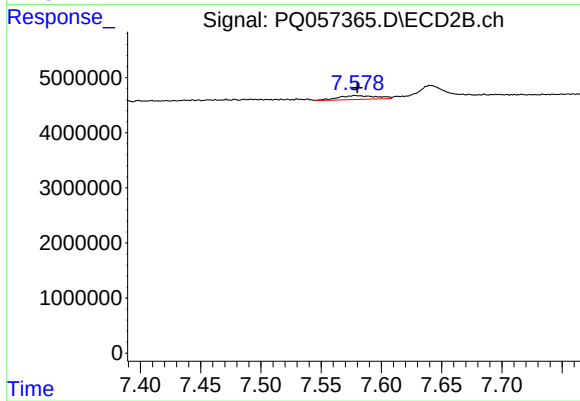
#37 AR-1262-2

R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 5975488
Conc: 3.45 ng/ml



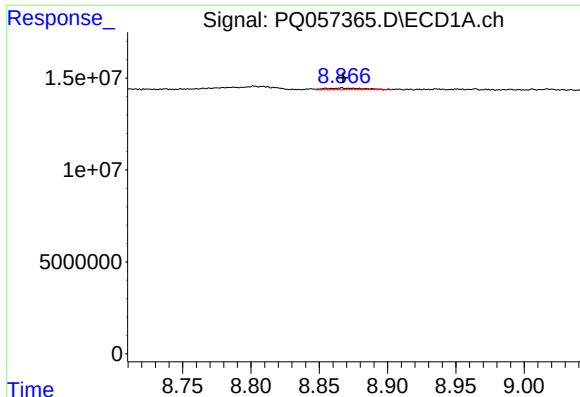
#38 AR-1262-3

R.T.: 8.802 min
Delta R.T.: 0.026 min
Response: 4728822
Conc: 5.13 ng/ml



#38 AR-1262-3

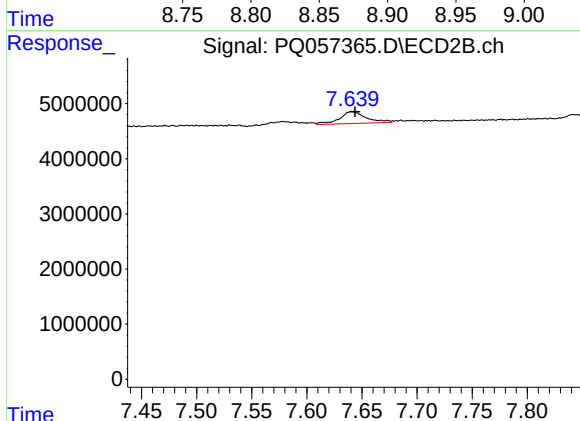
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 1545130
Conc: 2.25 ng/ml



#39 AR-1262-4

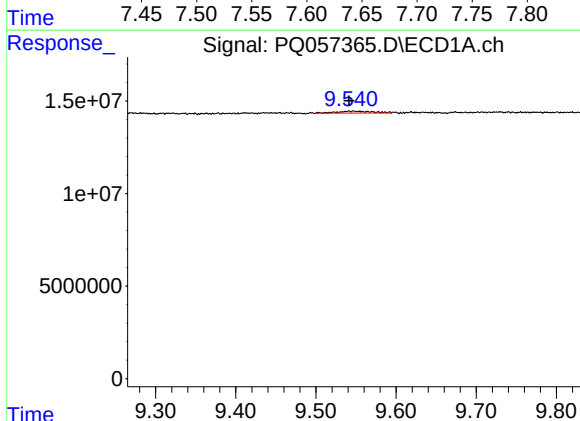
R.T.: 8.867 min
Delta R.T.: -0.001 min
Response: 1704978
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



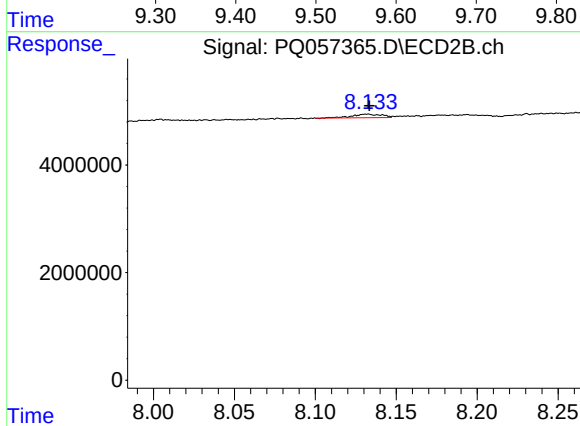
#39 AR-1262-4

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 3646706
Conc: 2.88 ng/ml



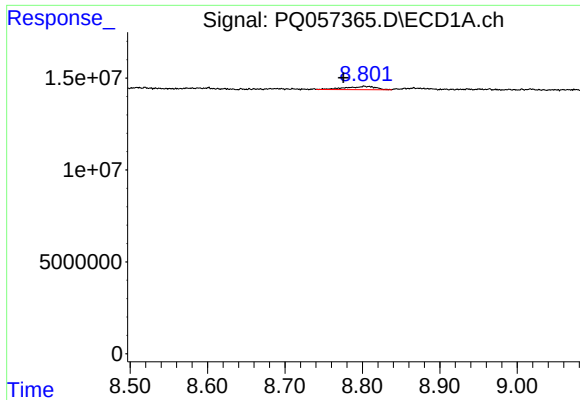
#40 AR-1262-5

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 3153989
Conc: 3.71 ng/ml



#40 AR-1262-5

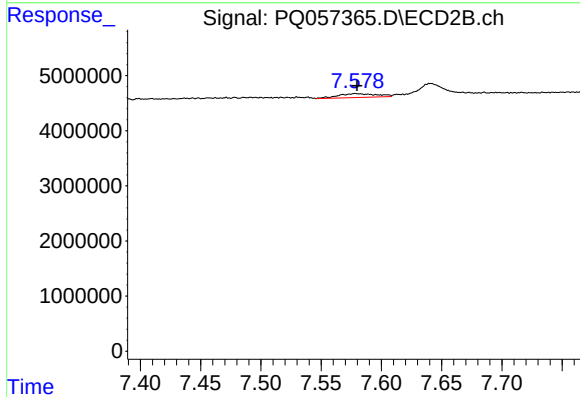
R.T.: 8.132 min
Delta R.T.: -0.002 min
Response: 808815
Conc: 1.47 ng/ml



#41 AR-1268-1

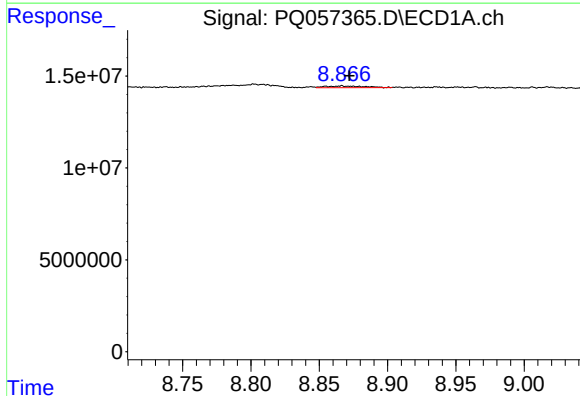
R.T.: 8.802 min
Delta R.T.: 0.027 min
Response: 4728822
Conc: 1.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



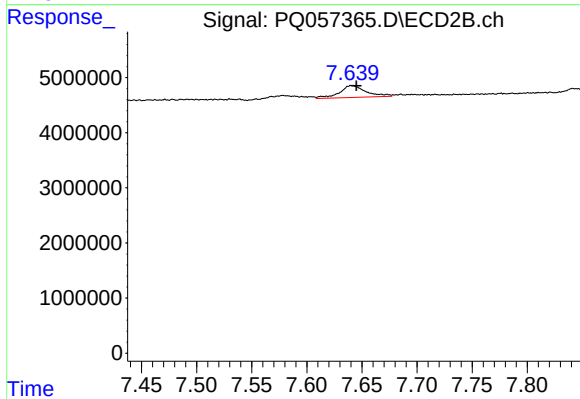
#41 AR-1268-1

R.T.: 7.579 min
Delta R.T.: -0.001 min
Response: 1545130
Conc: 0.78 ng/ml



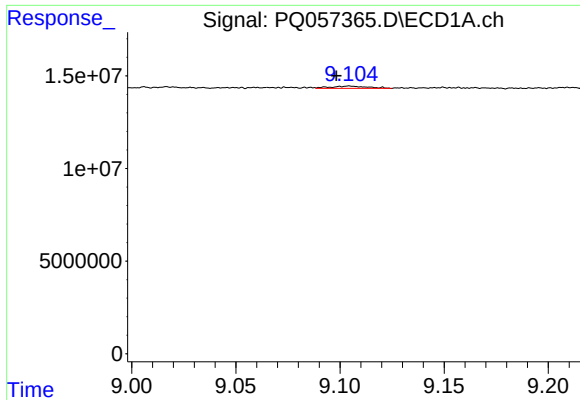
#42 AR-1268-2

R.T.: 8.867 min
Delta R.T.: -0.005 min
Response: 1704978
Conc: 0.64 ng/ml



#42 AR-1268-2

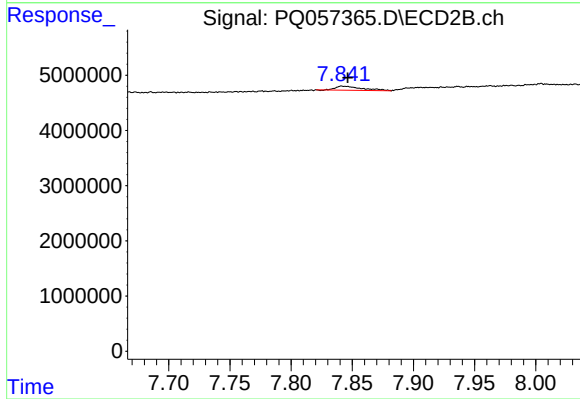
R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 3646706
Conc: 2.03 ng/ml



#43 AR-1268-3

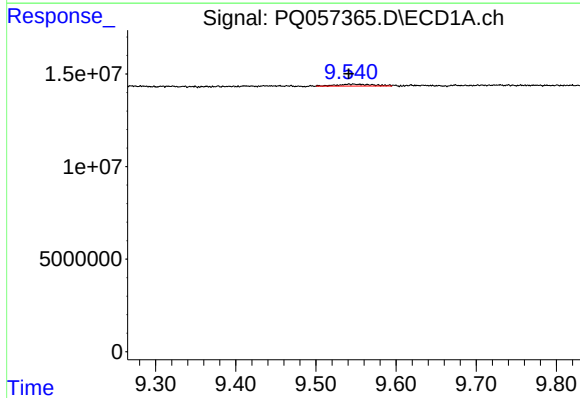
R.T.: 9.105 min
Delta R.T.: 0.006 min
Response: 1506954
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



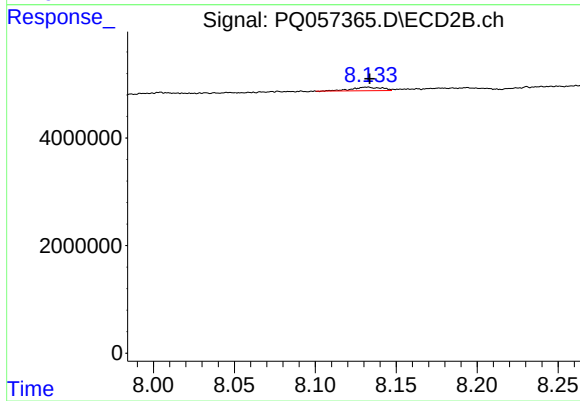
#43 AR-1268-3

R.T.: 7.842 min
Delta R.T.: -0.004 min
Response: 1071813
Conc: 0.76 ng/ml



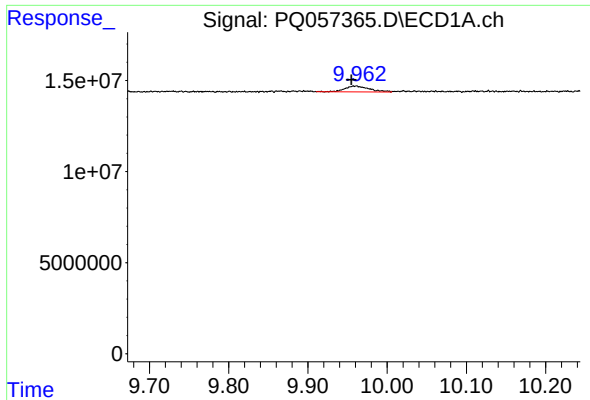
#44 AR-1268-4

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 3153989
Conc: 3.31 ng/ml



#44 AR-1268-4

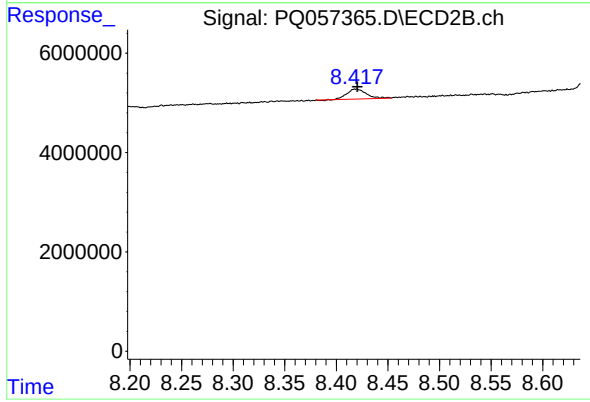
R.T.: 8.132 min
Delta R.T.: -0.002 min
Response: 808815
Conc: 1.34 ng/ml



#45 AR-1268-5

R.T.: 9.961 min
Delta R.T.: 0.006 min
Response: 6701852
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: -0.001 min
Response: 2660593
Conc: 0.56 ng/ml