

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100821\
 Data File : PQ054910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2021 12:54
 Operator : AJ\MA
 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: Oct 09 04:40:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
 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...	5.201	4.200	462.0E6	215.7E6	19.950	19.684
2)	SA Decachlor...	11.368	9.528	686.4E6	502.3E6	38.380	35.496
Target Compounds							
3)	L1 AR-1016-1	6.526	5.459	222.5E6	117.4E6	315.533	321.736
4)	L1 AR-1016-2	6.550	5.479	347.7E6	199.6E6	303.683	302.479
5)	L1 AR-1016-3	6.616	5.672	209.5E6	92641214	306.283	311.229
6)	L1 AR-1016-4	6.725	5.721	167.2E6	72876156	309.010	287.948
7)	L1 AR-1016-5	7.036	5.951	156.0E6	100.1E6	295.602	313.901
8)	L2 AR-1221-1	5.449	4.456	25580073	11345889	97.661	97.934
9)	L2 AR-1221-2	5.551	4.558	35188470	14353513	198.717	179.210
10)	L2 AR-1221-3	5.640	4.646	123.7E6	66574300	214.560	217.523
11)	L3 AR-1232-1	5.640	4.646	123.7E6	66574300	276.164	271.301
12)	L3 AR-1232-2	6.229	5.479	169.6E6	199.6E6	693.711	723.582
13)	L3 AR-1232-3	6.550	5.672	347.7E6	92641214	721.676	755.171
14)	L3 AR-1232-4	6.725	5.766	167.2E6	91788444	739.043	825.189
15)	L3 AR-1232-5	6.816	5.951	136.6E6	100.1E6	823.709	807.453
16)	L4 AR-1242-1	6.526	5.459	222.5E6	117.4E6	377.643	376.443
17)	L4 AR-1242-2	6.550	5.479	347.7E6	199.6E6	364.021	363.544
18)	L4 AR-1242-3	6.616	5.672	209.5E6	92641214	362.921	366.647
19)	L4 AR-1242-4	6.725	5.766	167.2E6	91788444	366.043	367.048
20)	L4 AR-1242-5	7.506	6.331	191.7E6	130.3E6	368.383	371.736
21)	L5 AR-1248-1	6.526	5.459	222.5E6	117.4E6	520.207	509.801
22)	L5 AR-1248-2	6.816	5.721	136.6E6	72876156	210.879	202.667
23)	L5 AR-1248-3	7.036	5.766	156.0E6	91788444	211.536	247.368
24)	L5 AR-1248-4	7.464	5.951	169.6E6	100.1E6	196.495	222.298
25)	L5 AR-1248-5	7.506	6.374	191.7E6	110.7E6	217.441	227.354
26)	L6 AR-1254-1	7.434	6.331	127.2E6	130.3E6	154.114	178.920
27)	L6 AR-1254-2	7.671	6.488	150.7E6	40538490	116.885	62.951 #
28)	L6 AR-1254-3	8.044	6.909	59226319	47148489	42.524	45.212
29)	L6 AR-1254-4	8.341	7.149	41854417	31835878	41.048	45.235
30)	L6 AR-1254-5	8.768	7.577	8243894	9346505	7.579	9.090
31)	L7 AR-1260-1	8.178	7.057	33954796	21778678	38.817	33.499
32)	L7 AR-1260-2	8.464	7.242	28388456	4263317	25.357	4.746 #
33)	L7 AR-1260-3	8.768	7.395	8243894	11238358	6.735	13.764 #
34)	L7 AR-1260-4	9.076	7.917f	5785797	15773544	6.326	23.016 #
35)	L7 AR-1260-5	9.422	8.128	1728778	8185353	0.957	4.255 #
36)	L8 AR-1262-1	8.768f	7.577	8243894	9346505	6.505	16.918 #
37)	L8 AR-1262-2	9.422	8.128	1728778	8185353	0.742	3.392 #
38)	L8 AR-1262-3	9.796f	8.473f	2126669	1517189	2.156	1.569 #
39)	L8 AR-1262-4	9.796f	8.473	2126669	1517189	3.257	0.911 #
40)	L8 AR-1262-5	10.508f	0.000	627623	0	0.724	N.D. #
41)	L9 AR-1268-1	9.796f	8.473f	2126669	1517189	0.805	0.526 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100821\
Data File : PQ054910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2021 12:54
Operator : AJ\MA
Sample : AR1242CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

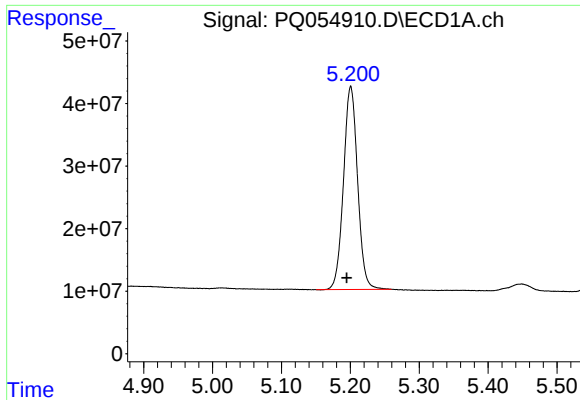
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 04:40:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 05 07:08:29 2021
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	9.796f	8.473	2126669	1517189	0.861	0.612 #
43)	L9 AR-1268-3	0.000	8.683	0	9390284	N.D.	4.364 #
44)	L9 AR-1268-4	10.508f	0.000	627623	0	0.667	N.D. #
45)	L9 AR-1268-5	11.007	9.273	4306909	2987882	0.605	0.475

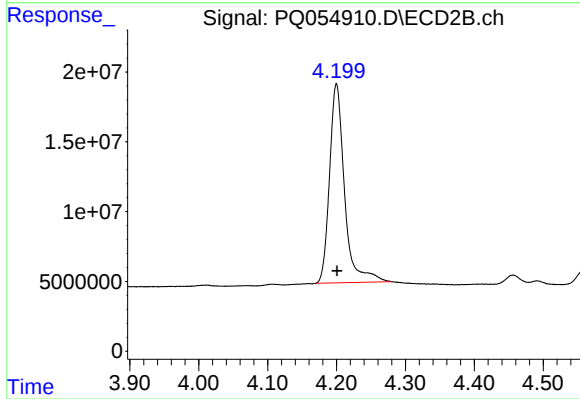
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

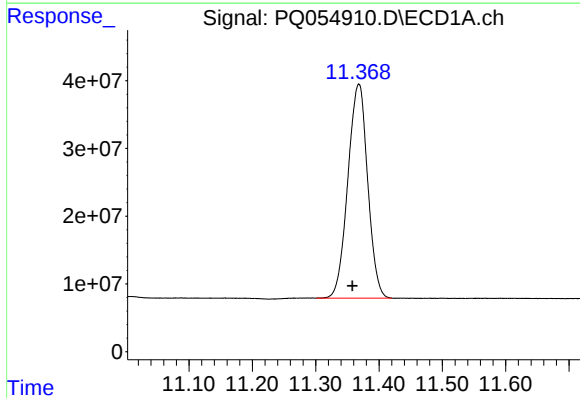
R.T.: 5.201 min
Delta R.T.: 0.006 min
Response: 462031259
Conc: 19.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



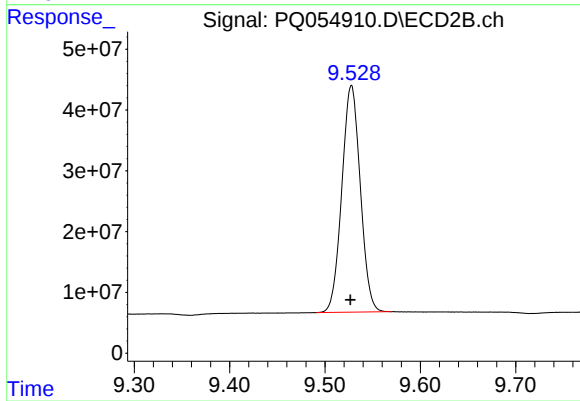
#1 Tetrachloro-m-xylene

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 215657845
Conc: 19.68 ng/ml



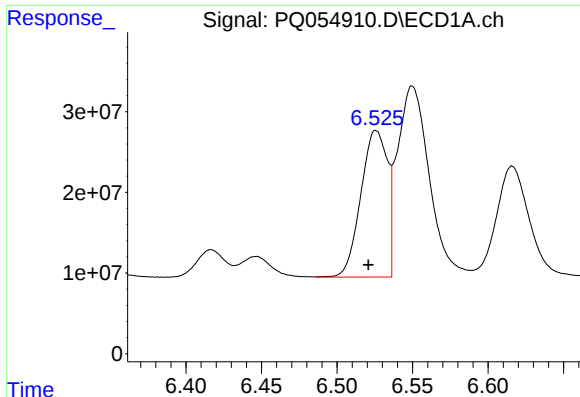
#2 Decachlorobiphenyl

R.T.: 11.368 min
Delta R.T.: 0.010 min
Response: 686410945
Conc: 38.38 ng/ml



#2 Decachlorobiphenyl

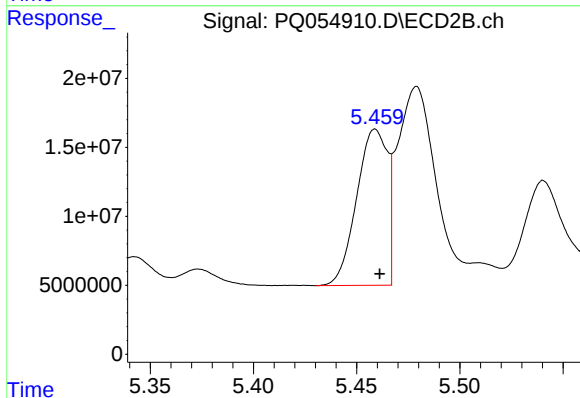
R.T.: 9.528 min
Delta R.T.: 0.000 min
Response: 502330735
Conc: 35.50 ng/ml



#3 AR-1016-1

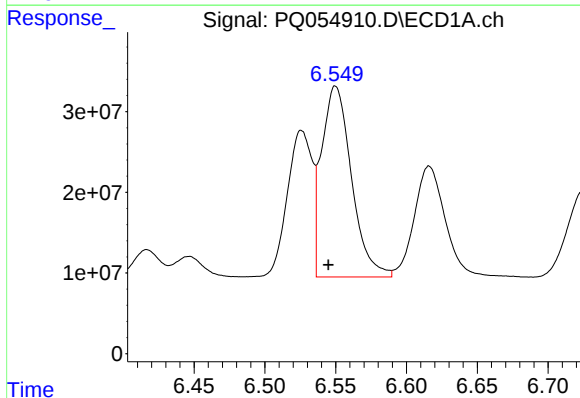
R.T.: 6.526 min
Delta R.T.: 0.005 min
Response: 222465814
Conc: 315.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



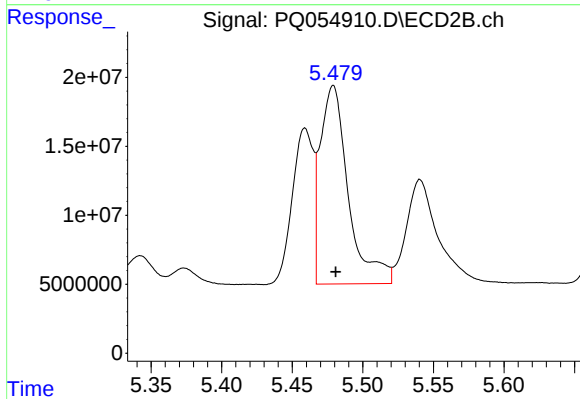
#3 AR-1016-1

R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 117372281
Conc: 321.74 ng/ml



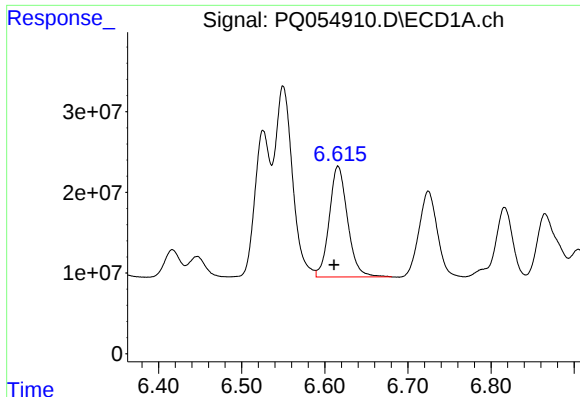
#4 AR-1016-2

R.T.: 6.550 min
Delta R.T.: 0.005 min
Response: 347736275
Conc: 303.68 ng/ml



#4 AR-1016-2

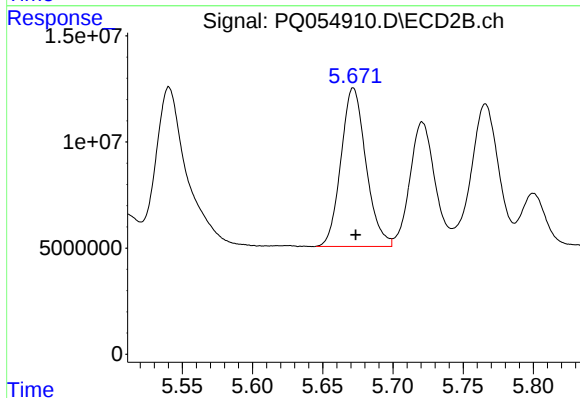
R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 199599251
Conc: 302.48 ng/ml



#5 AR-1016-3

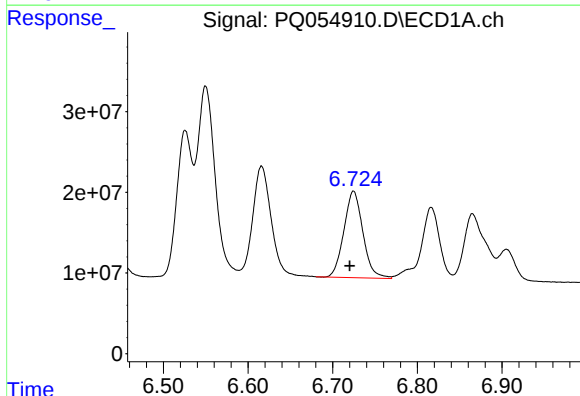
R.T.: 6.616 min
Delta R.T.: 0.005 min
Response: 209533868
Conc: 306.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



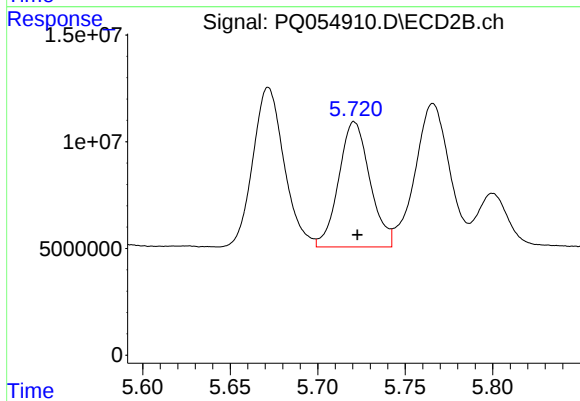
#5 AR-1016-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 92641214
Conc: 311.23 ng/ml



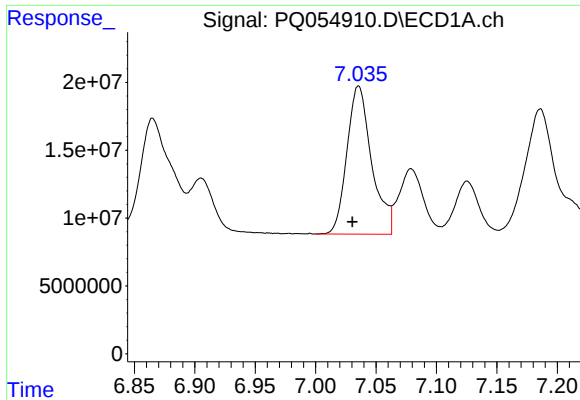
#6 AR-1016-4

R.T.: 6.725 min
Delta R.T.: 0.004 min
Response: 167167388
Conc: 309.01 ng/ml



#6 AR-1016-4

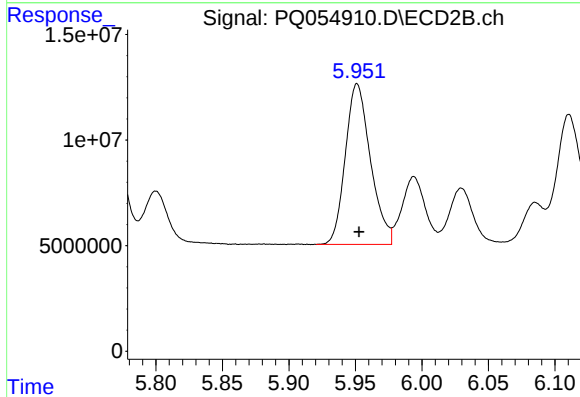
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 72876156
Conc: 287.95 ng/ml



#7 AR-1016-5

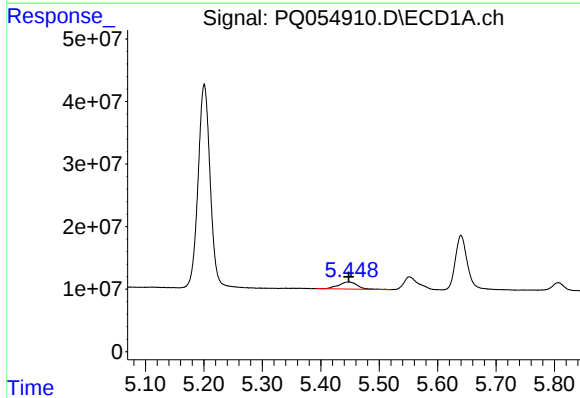
R.T.: 7.036 min
Delta R.T.: 0.005 min
Response: 155971244
Conc: 295.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



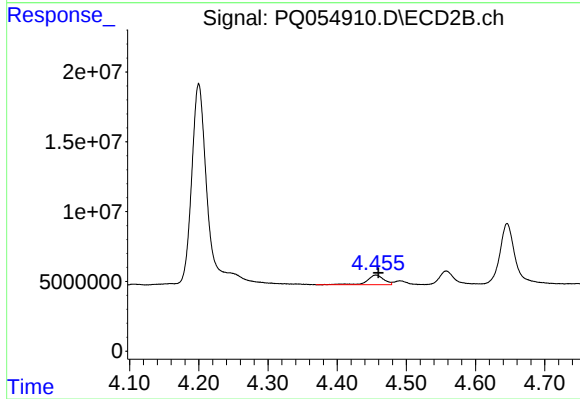
#7 AR-1016-5

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 100053298
Conc: 313.90 ng/ml



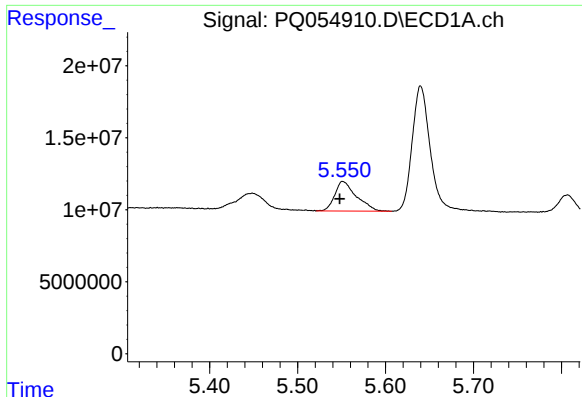
#8 AR-1221-1

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 25580073
Conc: 97.66 ng/ml



#8 AR-1221-1

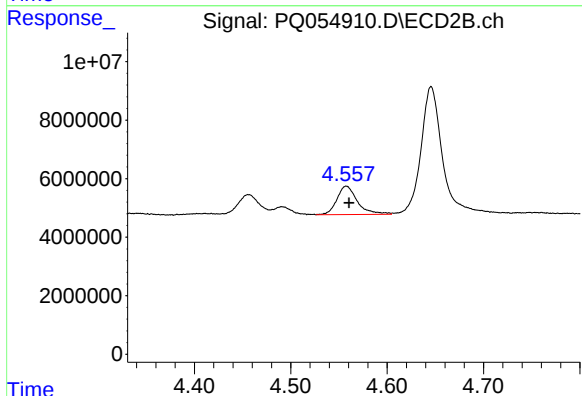
R.T.: 4.456 min
Delta R.T.: -0.003 min
Response: 11345889
Conc: 97.93 ng/ml



#9 AR-1221-2

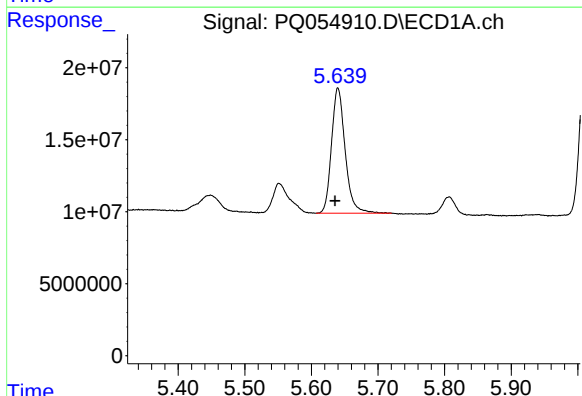
R.T.: 5.551 min
Delta R.T.: 0.004 min
Response: 35188470
Conc: 198.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



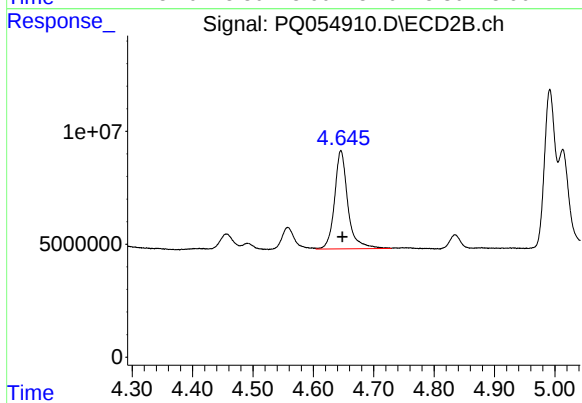
#9 AR-1221-2

R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 14353513
Conc: 179.21 ng/ml



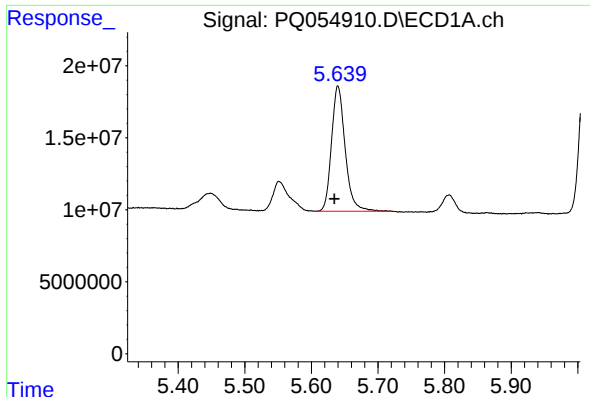
#10 AR-1221-3

R.T.: 5.640 min
Delta R.T.: 0.005 min
Response: 123704332
Conc: 214.56 ng/ml



#10 AR-1221-3

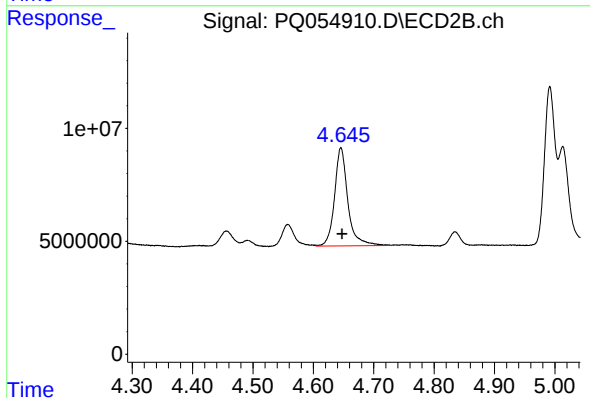
R.T.: 4.646 min
Delta R.T.: -0.003 min
Response: 66574300
Conc: 217.52 ng/ml



#11 AR-1232-1

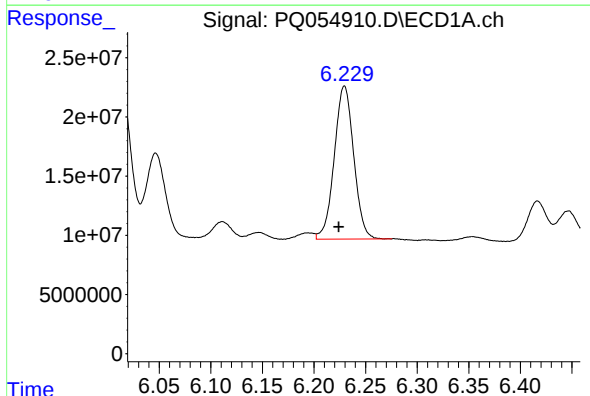
R.T.: 5.640 min
Delta R.T.: 0.005 min
Response: 123704332
Conc: 276.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



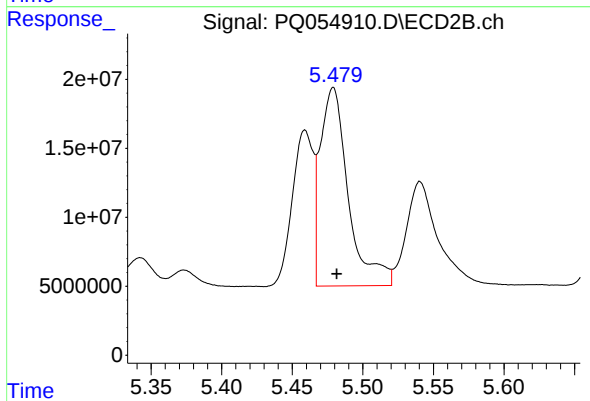
#11 AR-1232-1

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 66574300
Conc: 271.30 ng/ml



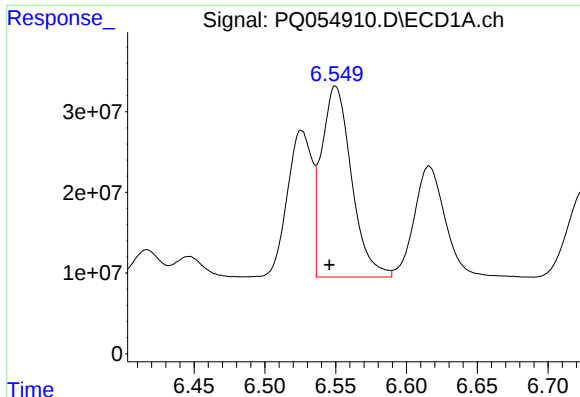
#12 AR-1232-2

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 169605469
Conc: 693.71 ng/ml



#12 AR-1232-2

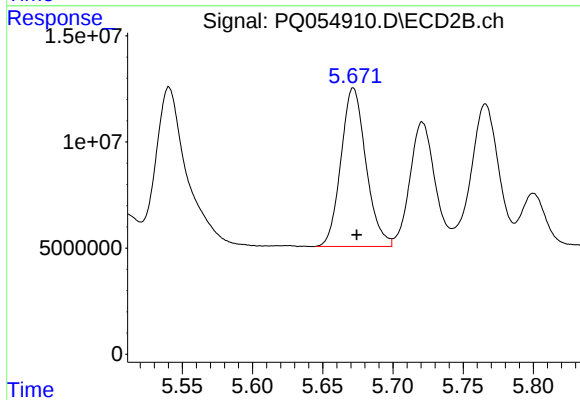
R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 199599251
Conc: 723.58 ng/ml



#13 AR-1232-3

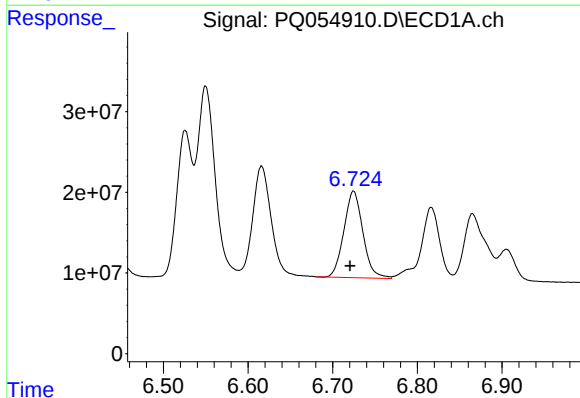
R.T.: 6.550 min
Delta R.T.: 0.004 min
Response: 347736275
Conc: 721.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



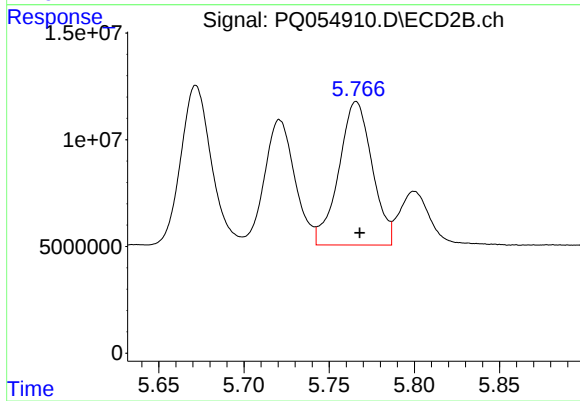
#13 AR-1232-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 92641214
Conc: 755.17 ng/ml



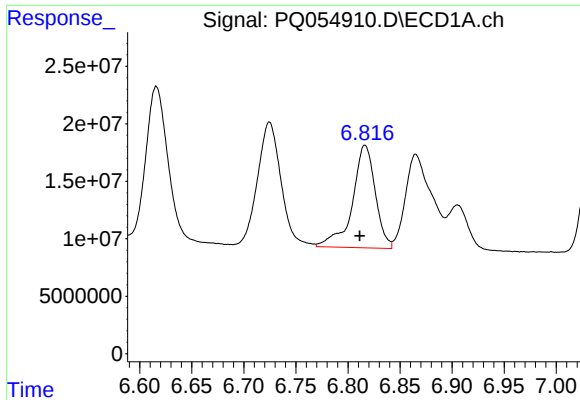
#14 AR-1232-4

R.T.: 6.725 min
Delta R.T.: 0.004 min
Response: 167167388
Conc: 739.04 ng/ml



#14 AR-1232-4

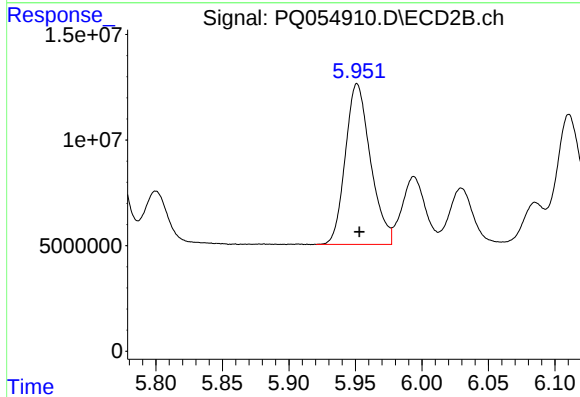
R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 91788444
Conc: 825.19 ng/ml



#15 AR-1232-5

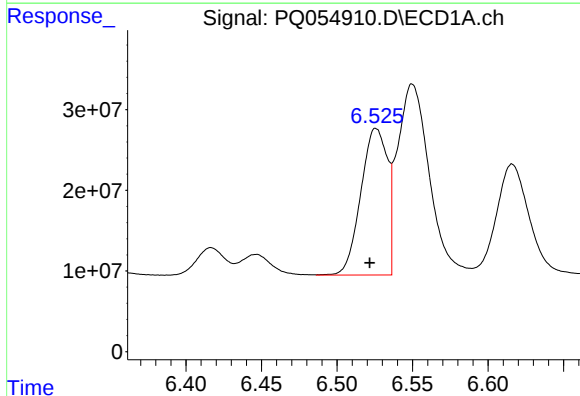
R.T.: 6.816 min
Delta R.T.: 0.005 min
Response: 136615879
Conc: 823.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



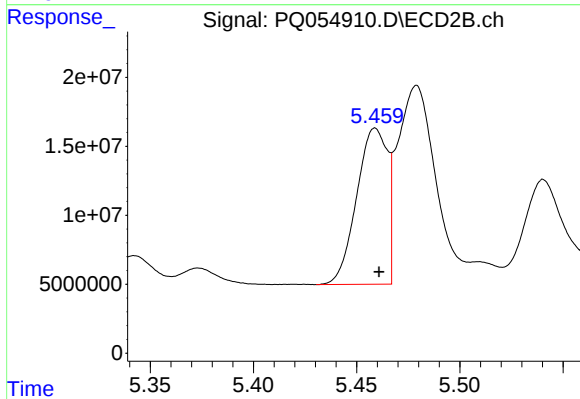
#15 AR-1232-5

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 100053298
Conc: 807.45 ng/ml



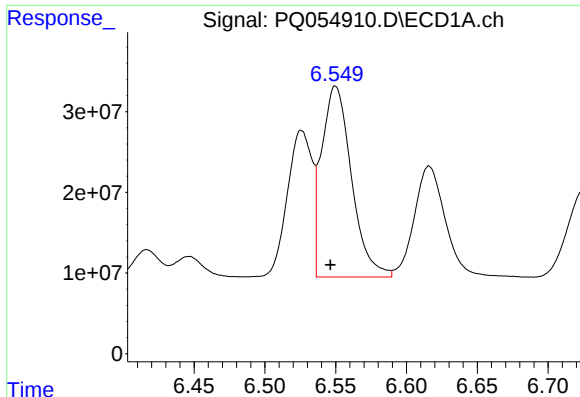
#16 AR-1242-1

R.T.: 6.526 min
Delta R.T.: 0.004 min
Response: 222465814
Conc: 377.64 ng/ml



#16 AR-1242-1

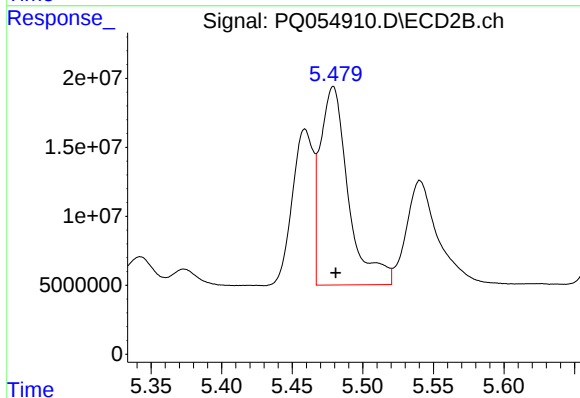
R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 117372281
Conc: 376.44 ng/ml



#17 AR-1242-2

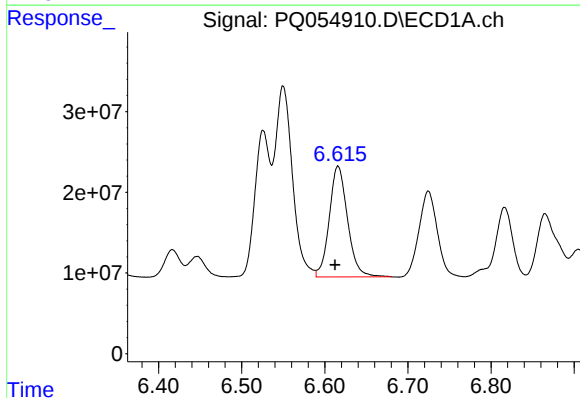
R.T.: 6.550 min
Delta R.T.: 0.003 min
Response: 347736275
Conc: 364.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



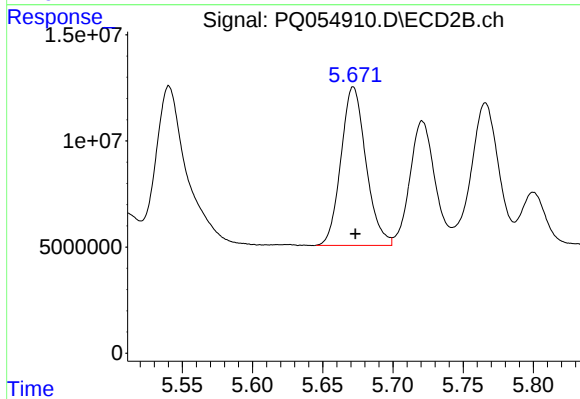
#17 AR-1242-2

R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 199599251
Conc: 363.54 ng/ml



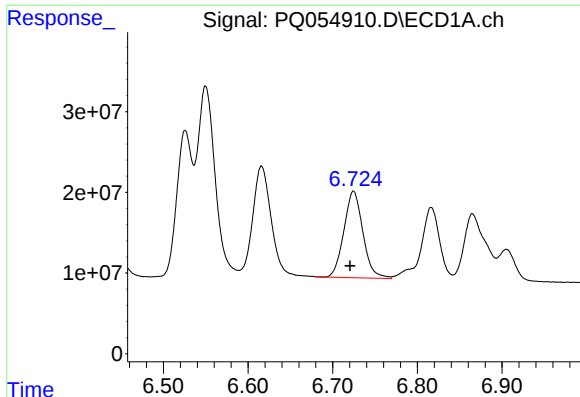
#18 AR-1242-3

R.T.: 6.616 min
Delta R.T.: 0.004 min
Response: 209533868
Conc: 362.92 ng/ml



#18 AR-1242-3

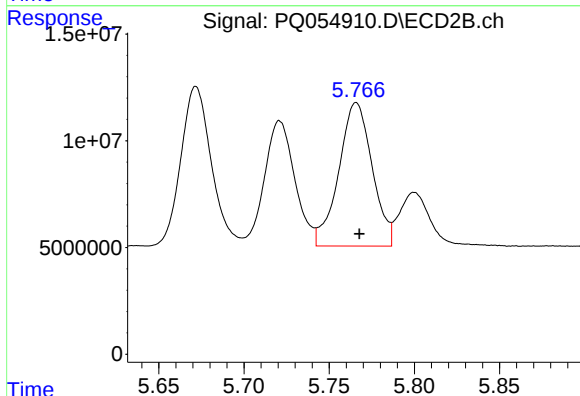
R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 92641214
Conc: 366.65 ng/ml



#19 AR-1242-4

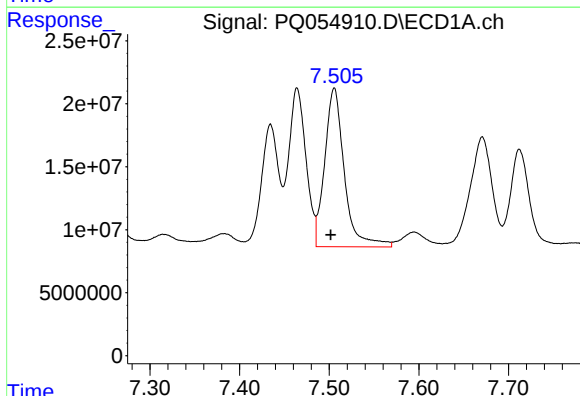
R.T.: 6.725 min
Delta R.T.: 0.004 min
Response: 167167388
Conc: 366.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



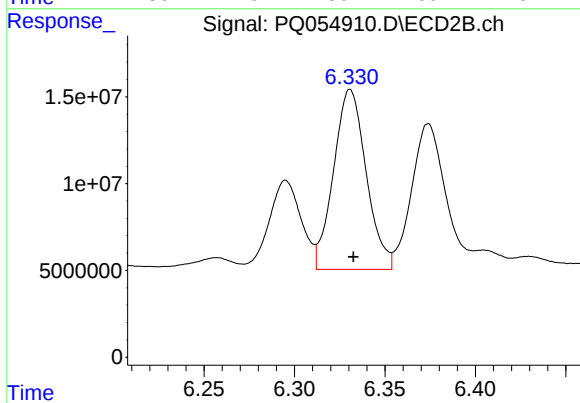
#19 AR-1242-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 91788444
Conc: 367.05 ng/ml



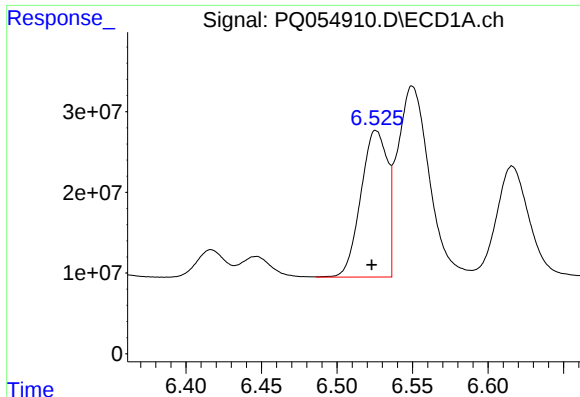
#20 AR-1242-5

R.T.: 7.506 min
Delta R.T.: 0.004 min
Response: 191688929
Conc: 368.38 ng/ml



#20 AR-1242-5

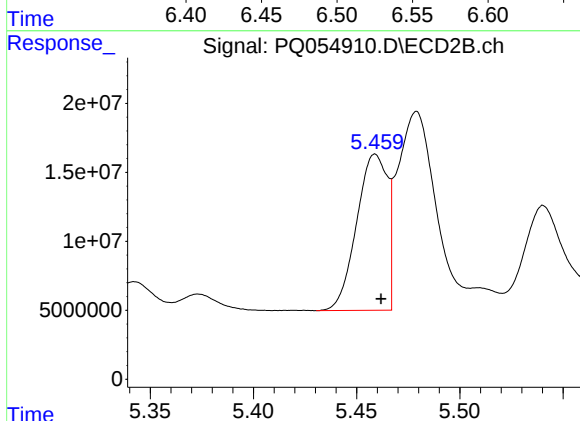
R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 130327277
Conc: 371.74 ng/ml



#21 AR-1248-1

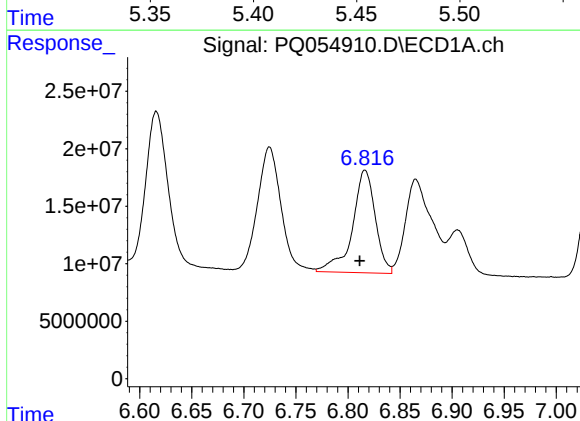
R.T.: 6.526 min
Delta R.T.: 0.003 min
Response: 222465814
Conc: 520.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



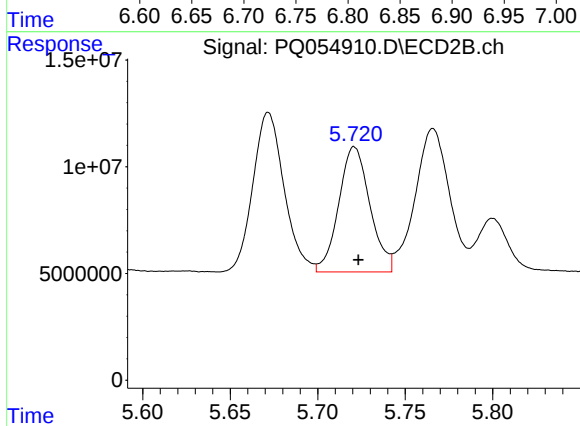
#21 AR-1248-1

R.T.: 5.459 min
Delta R.T.: -0.003 min
Response: 117372281
Conc: 509.80 ng/ml



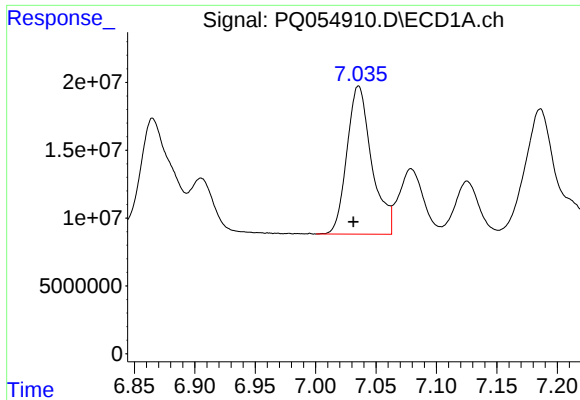
#22 AR-1248-2

R.T.: 6.816 min
Delta R.T.: 0.005 min
Response: 136615879
Conc: 210.88 ng/ml



#22 AR-1248-2

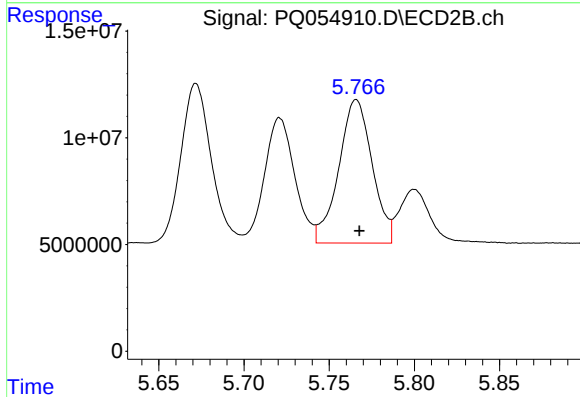
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 72876156
Conc: 202.67 ng/ml



#23 AR-1248-3

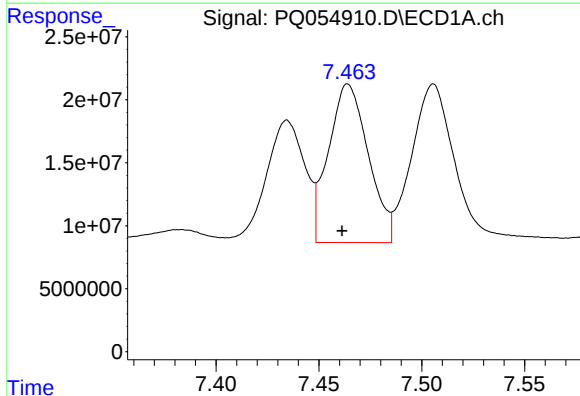
R.T.: 7.036 min
Delta R.T.: 0.004 min
Response: 155971244
Conc: 211.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



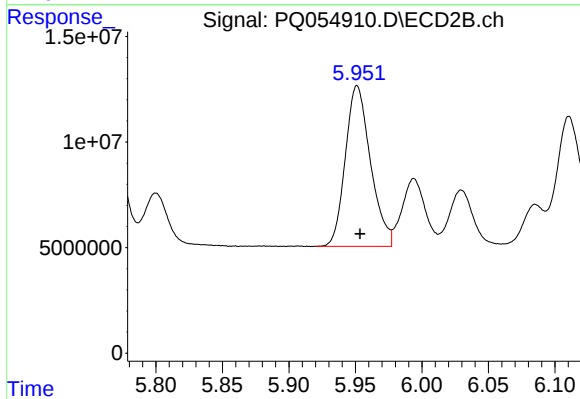
#23 AR-1248-3

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 91788444
Conc: 247.37 ng/ml



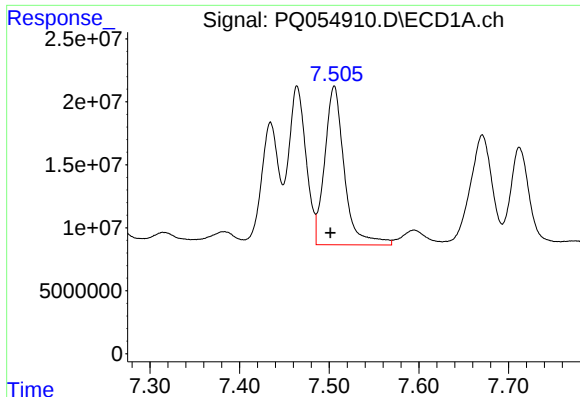
#24 AR-1248-4

R.T.: 7.464 min
Delta R.T.: 0.003 min
Response: 169568075
Conc: 196.50 ng/ml



#24 AR-1248-4

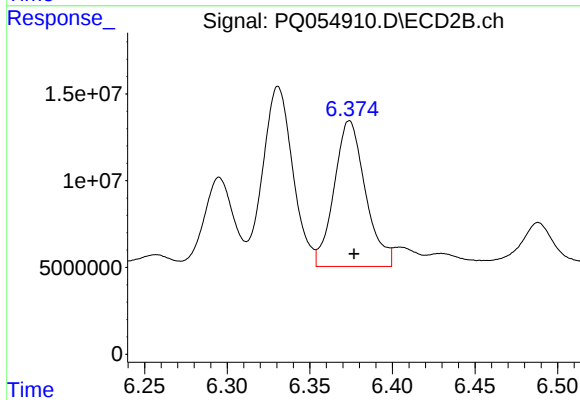
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 100053298
Conc: 222.30 ng/ml



#25 AR-1248-5

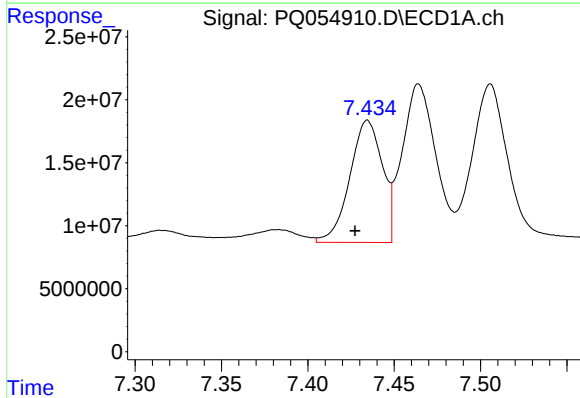
R.T.: 7.506 min
Delta R.T.: 0.004 min
Response: 191688929
Conc: 217.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



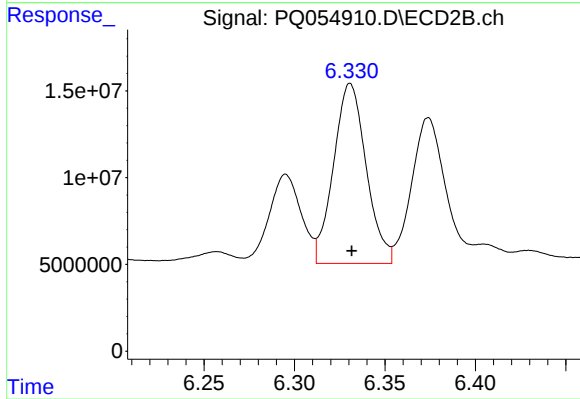
#25 AR-1248-5

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 110729958
Conc: 227.35 ng/ml



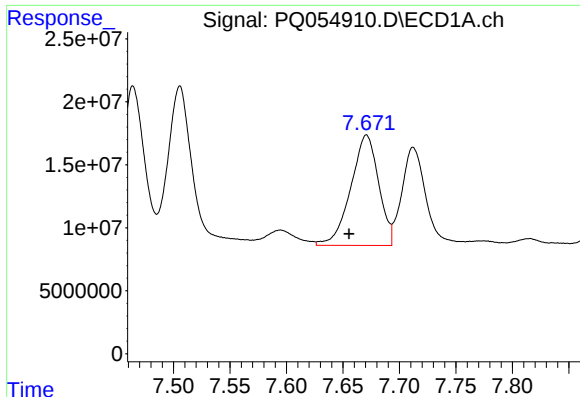
#26 AR-1254-1

R.T.: 7.434 min
Delta R.T.: 0.007 min
Response: 127168825
Conc: 154.11 ng/ml



#26 AR-1254-1

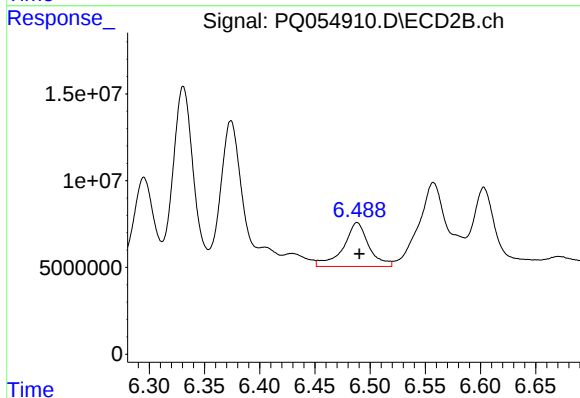
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 130327277
Conc: 178.92 ng/ml



#27 AR-1254-2

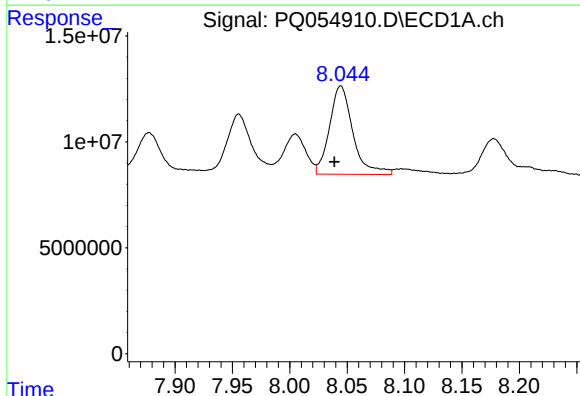
R.T.: 7.671 min
Delta R.T.: 0.016 min
Response: 150741861
Conc: 116.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



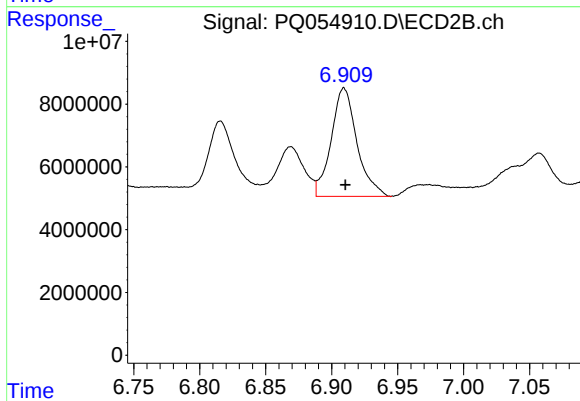
#27 AR-1254-2

R.T.: 6.488 min
Delta R.T.: -0.002 min
Response: 40538490
Conc: 62.95 ng/ml



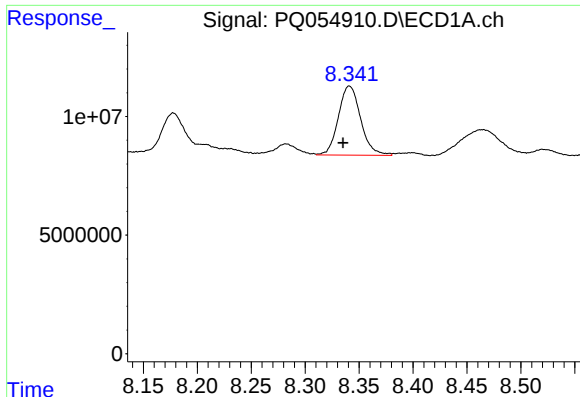
#28 AR-1254-3

R.T.: 8.044 min
Delta R.T.: 0.005 min
Response: 59226319
Conc: 42.52 ng/ml



#28 AR-1254-3

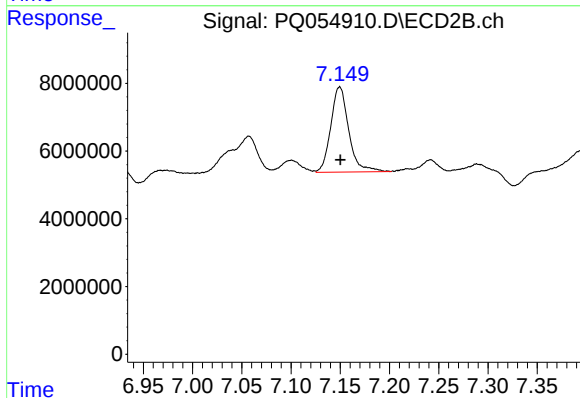
R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 47148489
Conc: 45.21 ng/ml



#29 AR-1254-4

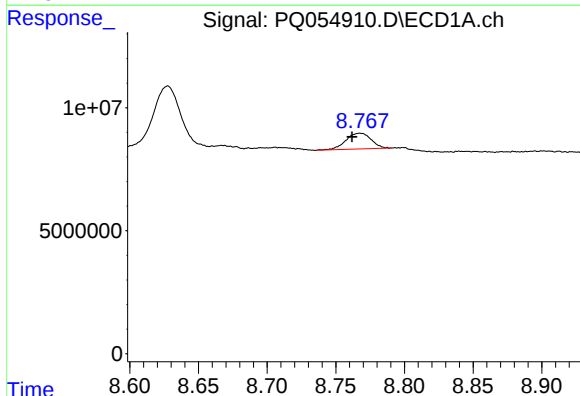
R.T.: 8.341 min
Delta R.T.: 0.006 min
Response: 41854417
Conc: 41.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



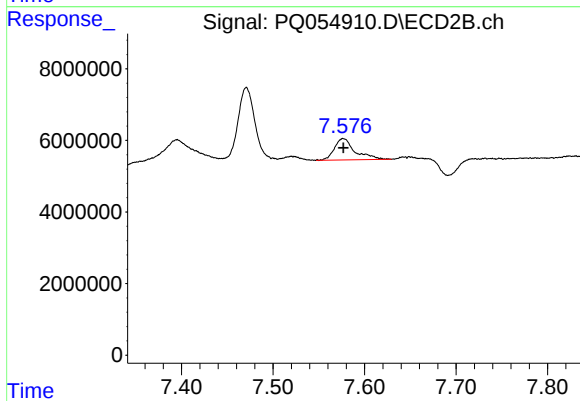
#29 AR-1254-4

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 31835878
Conc: 45.24 ng/ml



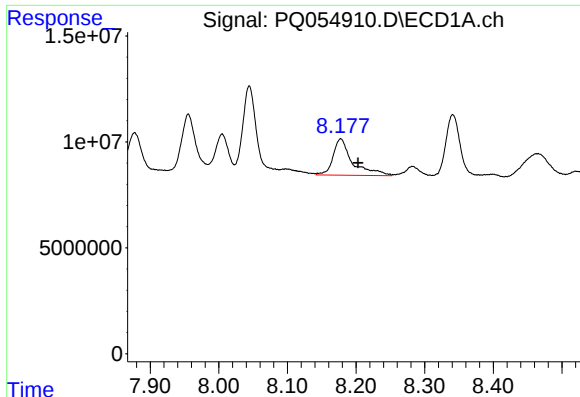
#30 AR-1254-5

R.T.: 8.768 min
Delta R.T.: 0.006 min
Response: 8243894
Conc: 7.58 ng/ml



#30 AR-1254-5

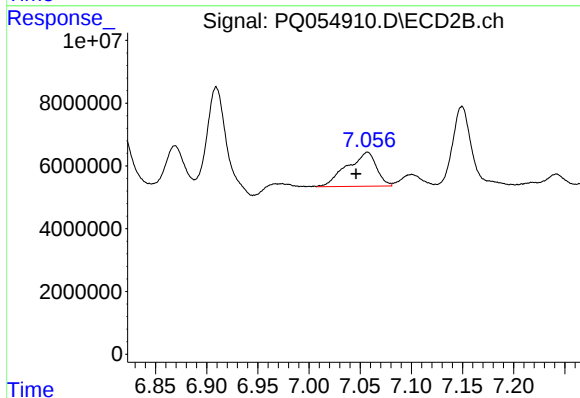
R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 9346505
Conc: 9.09 ng/ml



#31 AR-1260-1

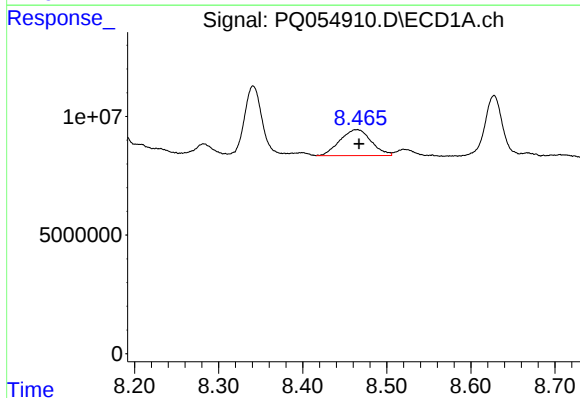
R.T.: 8.178 min
Delta R.T.: -0.025 min
Response: 33954796
Conc: 38.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



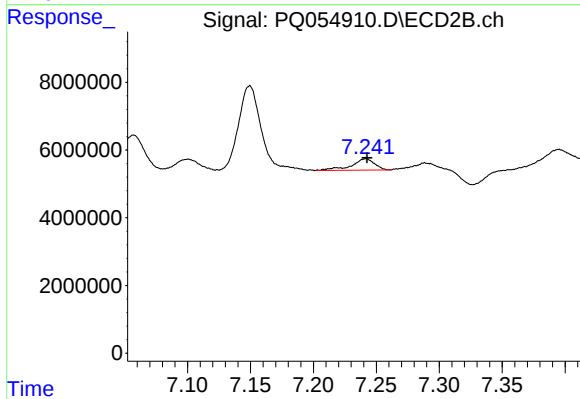
#31 AR-1260-1

R.T.: 7.057 min
Delta R.T.: 0.011 min
Response: 21778678
Conc: 33.50 ng/ml



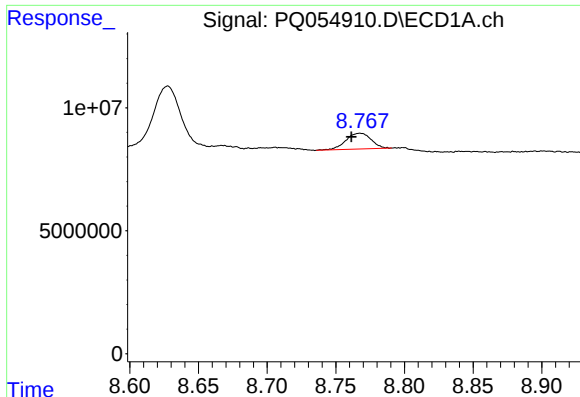
#32 AR-1260-2

R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 28388456
Conc: 25.36 ng/ml



#32 AR-1260-2

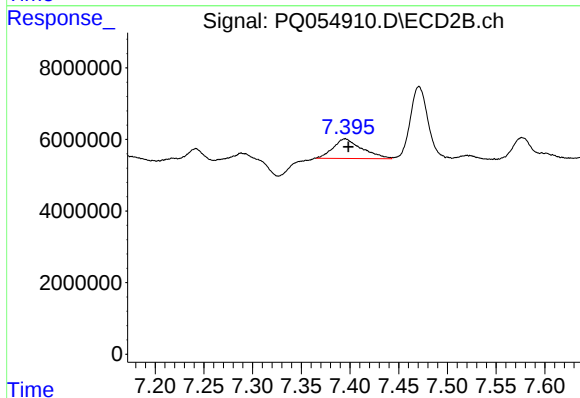
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 4263317
Conc: 4.75 ng/ml



#33 AR-1260-3

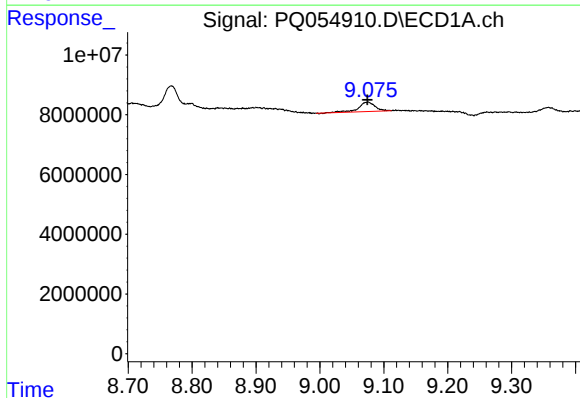
R.T.: 8.768 min
Delta R.T.: 0.006 min
Response: 8243894
Conc: 6.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



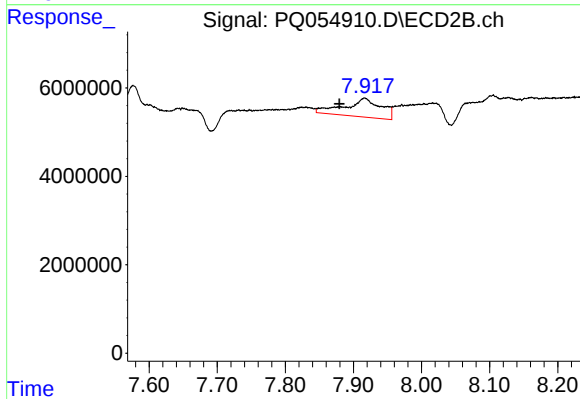
#33 AR-1260-3

R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 11238358
Conc: 13.76 ng/ml



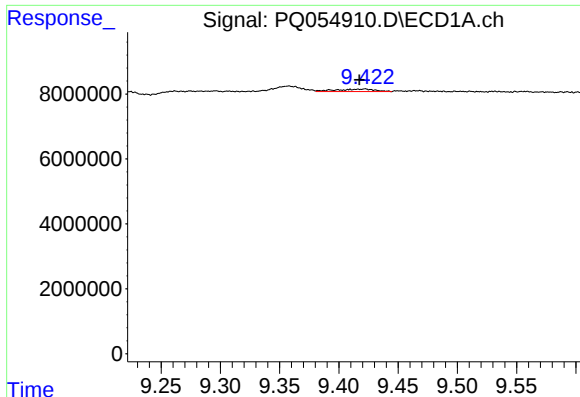
#34 AR-1260-4

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 5785797
Conc: 6.33 ng/ml



#34 AR-1260-4

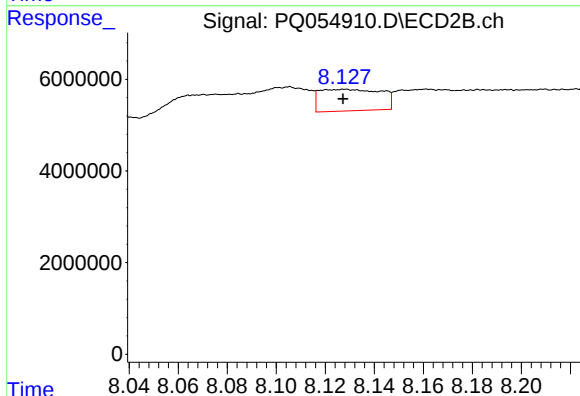
R.T.: 7.917 min
Delta R.T.: 0.037 min
Response: 15773544
Conc: 23.02 ng/ml



#35 AR-1260-5

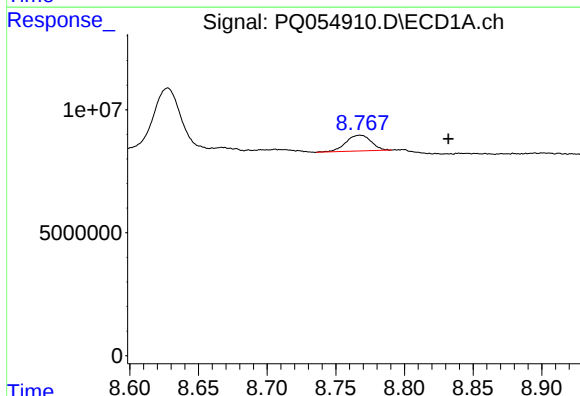
R.T.: 9.422 min
Delta R.T.: 0.005 min
Response: 1728778
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



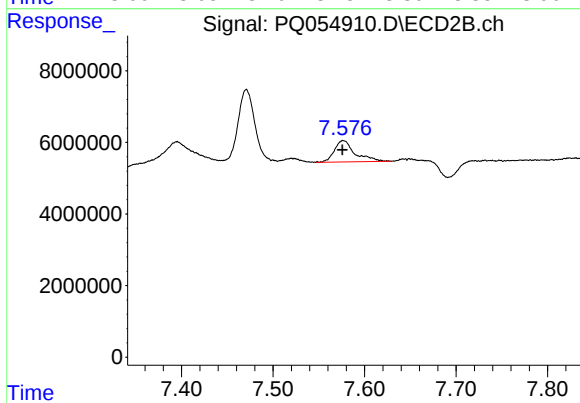
#35 AR-1260-5

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 8185353
Conc: 4.26 ng/ml



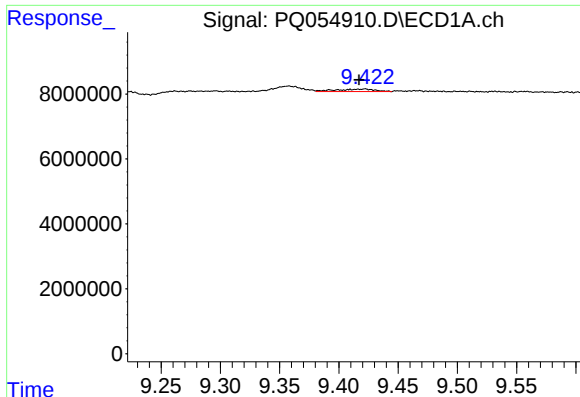
#36 AR-1262-1

R.T.: 8.768 min
Delta R.T.: -0.064 min
Response: 8243894
Conc: 6.51 ng/ml



#36 AR-1262-1

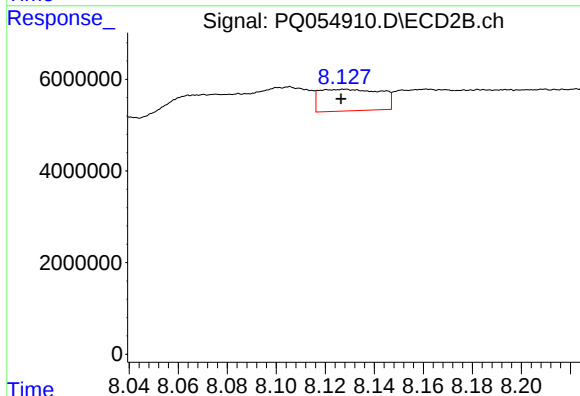
R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 9346505
Conc: 16.92 ng/ml



#37 AR-1262-2

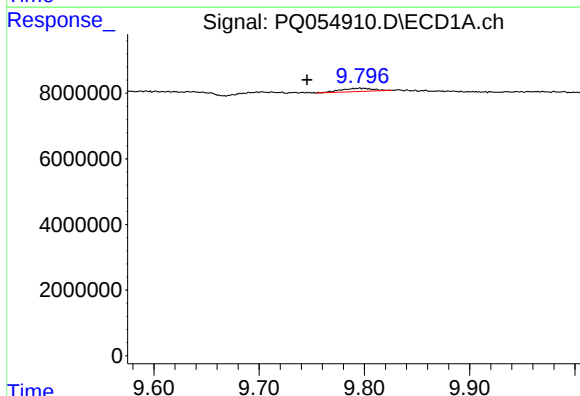
R.T.: 9.422 min
Delta R.T.: 0.005 min
Response: 1728778
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



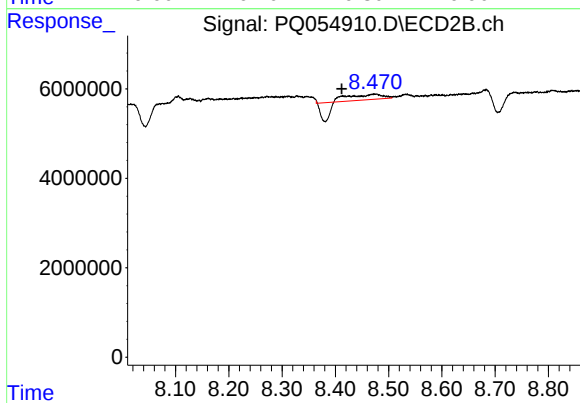
#37 AR-1262-2

R.T.: 8.128 min
Delta R.T.: 0.001 min
Response: 8185353
Conc: 3.39 ng/ml



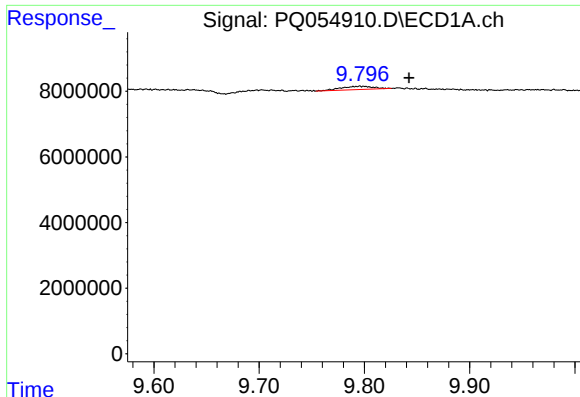
#38 AR-1262-3

R.T.: 9.796 min
Delta R.T.: 0.050 min
Response: 2126669
Conc: 2.16 ng/ml



#38 AR-1262-3

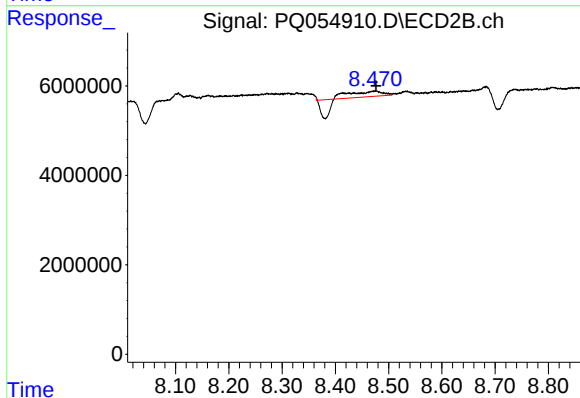
R.T.: 8.473 min
Delta R.T.: 0.061 min
Response: 1517189
Conc: 1.57 ng/ml



#39 AR-1262-4

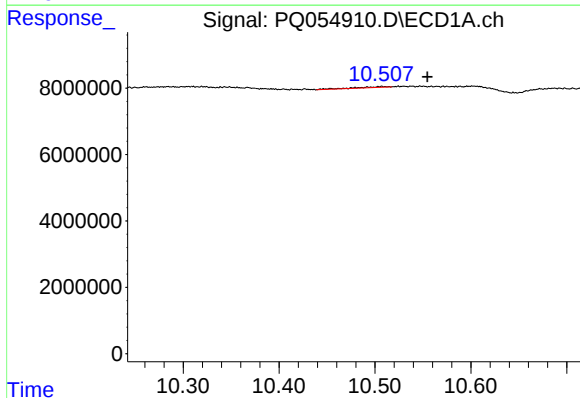
R.T.: 9.796 min
Delta R.T.: -0.047 min
Response: 2126669
Conc: 3.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



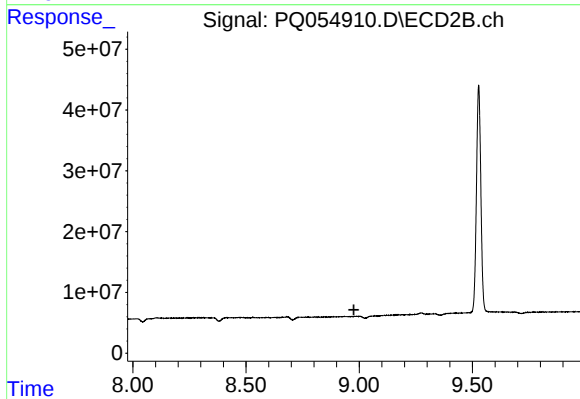
#39 AR-1262-4

R.T.: 8.473 min
Delta R.T.: -0.003 min
Response: 1517189
Conc: 0.91 ng/ml



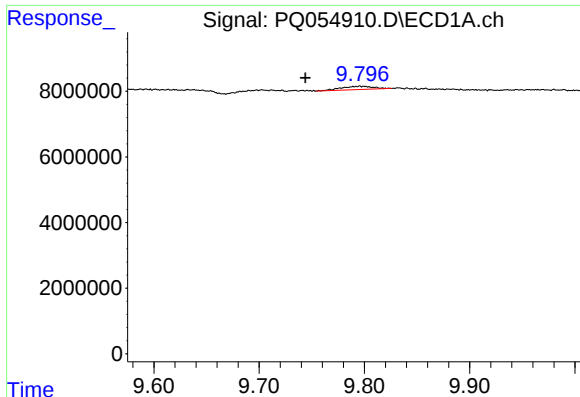
#40 AR-1262-5

R.T.: 10.508 min
Delta R.T.: -0.047 min
Response: 627623
Conc: 0.72 ng/ml



#40 AR-1262-5

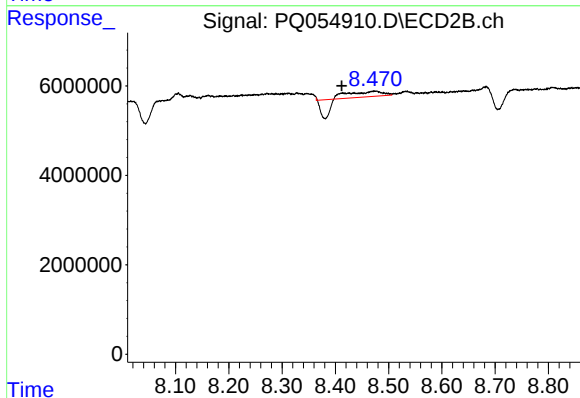
R.T.: 0.000 min
Exp R.T.: 8.976 min
Response: 0
Conc: N.D.



#41 AR-1268-1

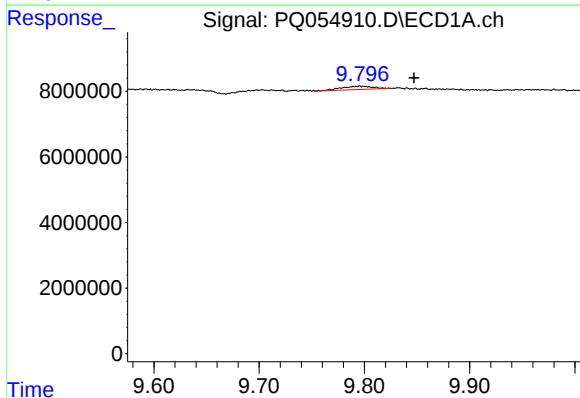
R.T.: 9.796 min
Delta R.T.: 0.052 min
Response: 2126669
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



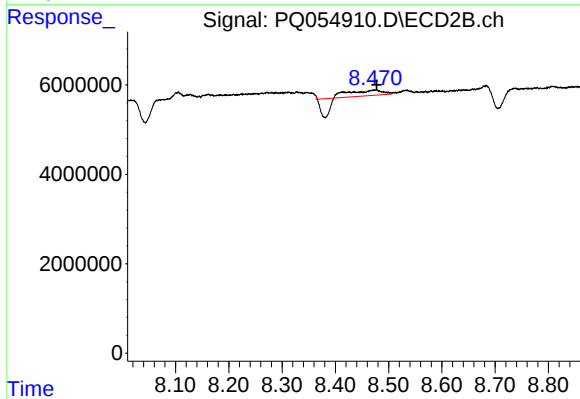
#41 AR-1268-1

R.T.: 8.473 min
Delta R.T.: 0.061 min
Response: 1517189
Conc: 0.53 ng/ml



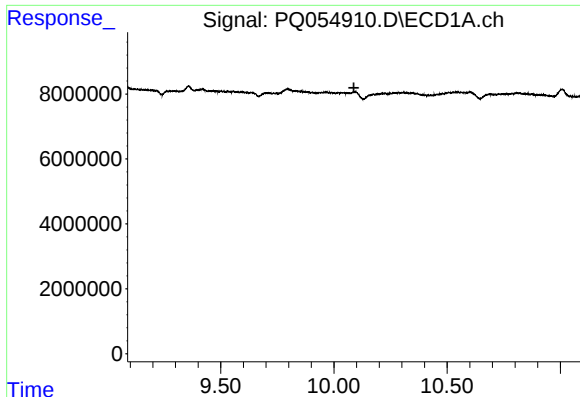
#42 AR-1268-2

R.T.: 9.796 min
Delta R.T.: -0.051 min
Response: 2126669
Conc: 0.86 ng/ml



#42 AR-1268-2

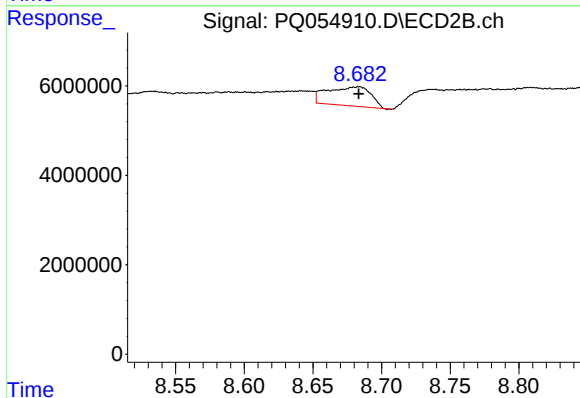
R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 1517189
Conc: 0.61 ng/ml



#43 AR-1268-3

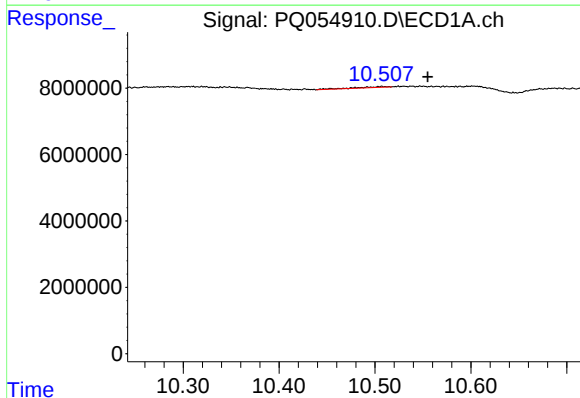
R.T.: 0.000 min
Exp R.T.: 10.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



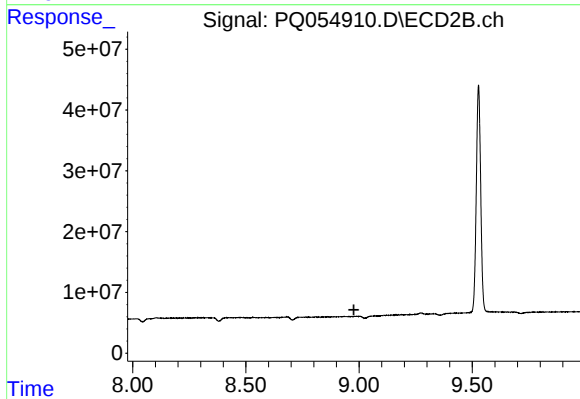
#43 AR-1268-3

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 9390284
Conc: 4.36 ng/ml



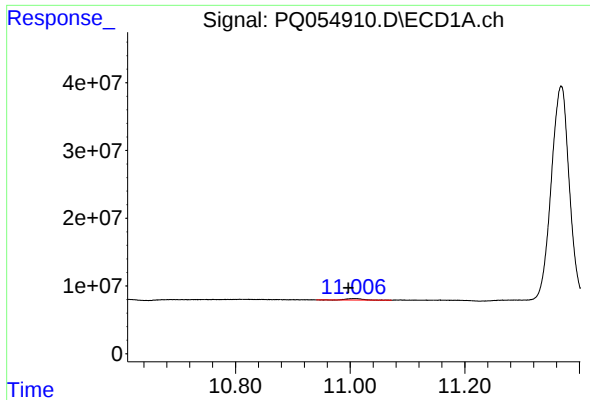
#44 AR-1268-4

R.T.: 10.508 min
Delta R.T.: -0.047 min
Response: 627623
Conc: 0.67 ng/ml



#44 AR-1268-4

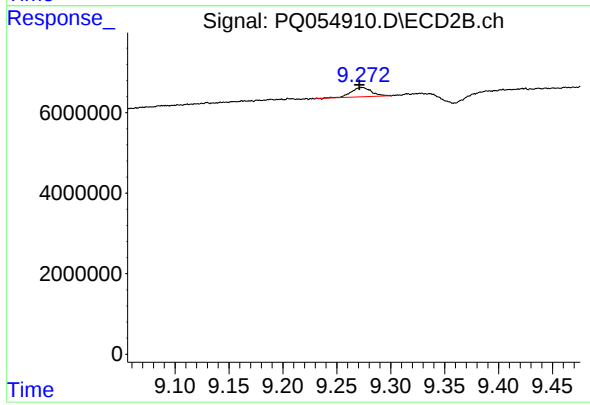
R.T.: 0.000 min
Exp R.T.: 8.977 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.007 min
Delta R.T.: 0.010 min
Response: 4306909
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.273 min
Delta R.T.: 0.002 min
Response: 2987882
Conc: 0.48 ng/ml