

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081320\
 Data File : PQ049261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2020 14:46
 Operator : DD\AJ
 Sample : L3611-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:12:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 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...	5.253	4.286	132.8E6	86208625	21.569	24.324
2)	SA Decachlor...	11.482	9.643	537.8E6	289.2E6	57.254	62.216
Target Compounds							
3)	L1 AR-1016-1	6.583	5.546	7164224	4373481	27.806	28.332
4)	L1 AR-1016-2	6.612	5.567	8907346	2209085	24.967	10.573 #
5)	L1 AR-1016-3	6.676	5.761	2262379	1962387	10.418	18.975 #
6)	L1 AR-1016-4	6.781	5.809	3991179	89692089	22.367	1105.035 #
7)	L1 AR-1016-5	7.097	6.040	87685337	56665044	475.064	494.589
8)	L2 AR-1221-1	5.443	0.000	1274829	0	17.049	N.D. #
9)	L2 AR-1221-2	5.610	4.643	3287268	1900823	57.226	59.234
10)	L2 AR-1221-3	5.695	4.732	1638594	1805951	8.757	16.524 #
11)	L3 AR-1232-1	5.695	4.732	1638594	1805951	10.877	20.749 #
12)	L3 AR-1232-2	6.288	5.567	3372762	2209085	43.123	22.570 #
13)	L3 AR-1232-3	6.612	5.761	8907346	1962387	53.033	40.767
14)	L3 AR-1232-4	6.781	5.854	3991179	28333118	47.187	654.960 #
15)	L3 AR-1232-5	6.877	6.040	138.5E6	56665044	2201.812	1139.678 #
16)	L4 AR-1242-1	6.583	5.546	7164224	4373481	30.500	31.474
17)	L4 AR-1242-2	6.612	5.567	8907346	2209085	27.762	11.758 #
18)	L4 AR-1242-3	6.676	5.761	2262379	1962387	11.372	20.423 #
19)	L4 AR-1242-4	6.781	5.854	3991179	28333118	23.928	298.646 #
20)	L4 AR-1242-5	7.569	6.420	88920343	258.3E6	436.839	1856.985 #
21)	L5 AR-1248-1	6.583	5.546	7164224	4373481	42.664	43.127
22)	L5 AR-1248-2	6.877	5.809	138.5E6	89692089	614.849	718.563
23)	L5 AR-1248-3	7.097	5.854	87685337	28333118	343.251	219.876 #
24)	L5 AR-1248-4	7.528	6.040	145.6E6	56665044	456.000	354.449
25)	L5 AR-1248-5	7.569	6.463	88920343	35198878	294.039	203.603 #
26)	L6 AR-1254-1	7.496	6.420	265.3E6	258.3E6	823.139	949.388
27)	L6 AR-1254-2	7.725	6.578	418.4E6	226.0E6	826.295	926.468
28)	L6 AR-1254-3	8.110	7.000	456.6E6	379.9E6	854.016	941.929
29)	L6 AR-1254-4	8.408	7.238	382.6E6	261.6E6	817.072	969.995
30)	L6 AR-1254-5	8.838	7.668	492.5E6	371.5E6	1026.642	1008.656
31)	L7 AR-1260-1	8.276	7.137	195.9E6	184.6E6	535.565	809.200 #
32)	L7 AR-1260-2	8.540	7.332	239.4E6	152.1E6	481.407	525.857
33)	L7 AR-1260-3	8.903	7.487	56765471	158.9E6	134.999	614.375 #
34)	L7 AR-1260-4	9.152	7.973	173.2E6	21299143	415.469	93.416 #
35)	L7 AR-1260-5	9.504	8.218	106.1E6	54274021	103.595	91.318
36)	L8 AR-1262-1	8.903	7.668	56765471	371.5E6	78.941	1779.946 #
37)	L8 AR-1262-2	9.504	8.218	106.1E6	54274021	78.153	68.625
38)	L8 AR-1262-3	9.869	8.507	72749001	4252396	112.547	13.192 #
39)	L8 AR-1262-4	9.921	8.568	21545427	52441698	29.326	88.982 #
40)	L8 AR-1262-5	10.667	9.075	8300210	2821881	15.047	10.022 #
41)	L9 AR-1268-1	9.869	8.507	72749001	4252396	42.270	4.601 #

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 Acq On : 13 Aug 2020 14:46
 Operator : DD\AJ
 Sample : L3611-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

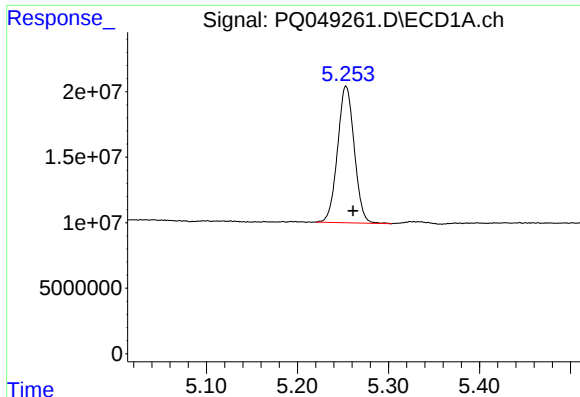
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:12:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
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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	9.921	8.568	21545427	52441698	13.708	60.928 #
43) L9	AR-1268-3	10.186	8.782	4442693	3811764	3.215	5.294 #
44) L9	AR-1268-4	10.667	9.075	8300210	2821881	13.449	8.996 #
45) L9	AR-1268-5	11.117	9.377	6274632	3137524	1.456	1.366

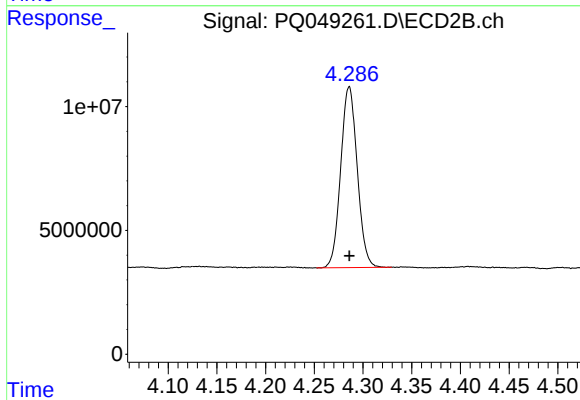
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

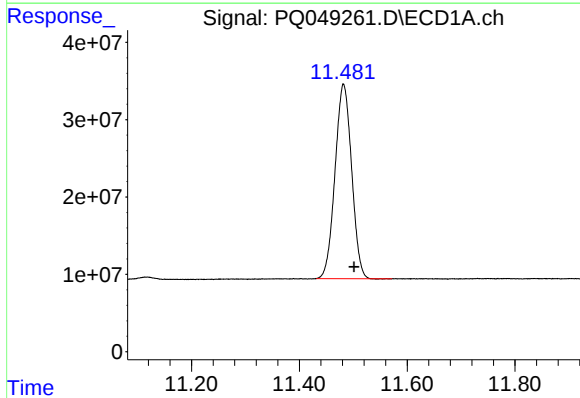
R.T.: 5.253 min
Delta R.T.: -0.008 min
Response: 132779860
Conc: 21.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



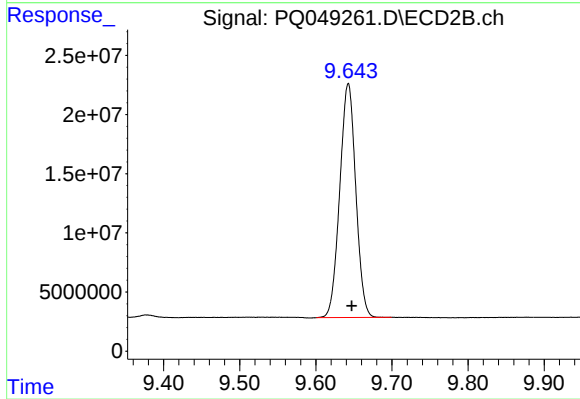
#1 Tetrachloro-m-xylene

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 86208625
Conc: 24.32 ng/ml



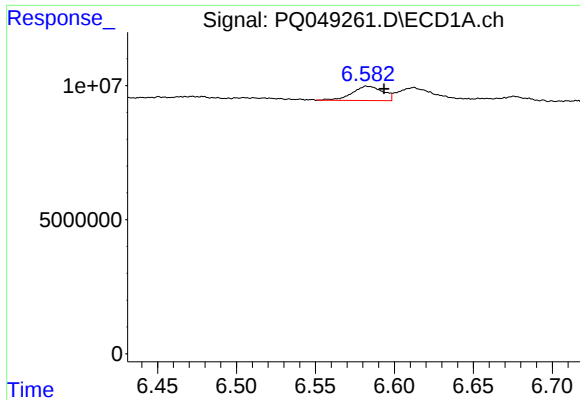
#2 Decachlorobiphenyl

R.T.: 11.482 min
Delta R.T.: -0.020 min
Response: 537822143
Conc: 57.25 ng/ml



#2 Decachlorobiphenyl

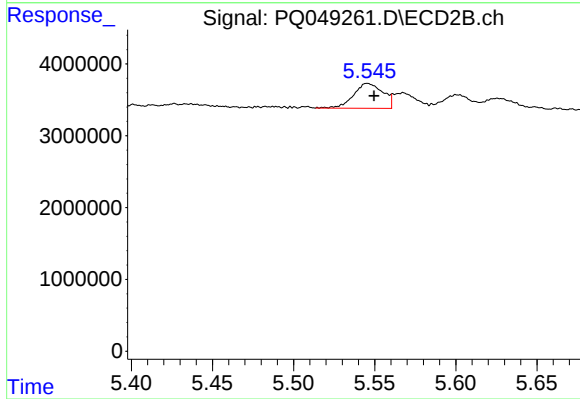
R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 289221551
Conc: 62.22 ng/ml



#3 AR-1016-1

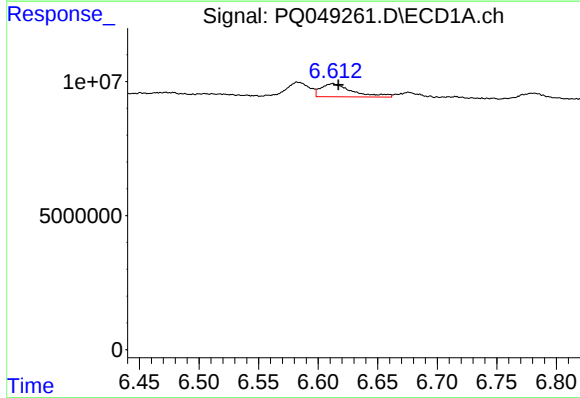
R.T.: 6.583 min
Delta R.T.: -0.010 min
Response: 7164224
Conc: 27.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



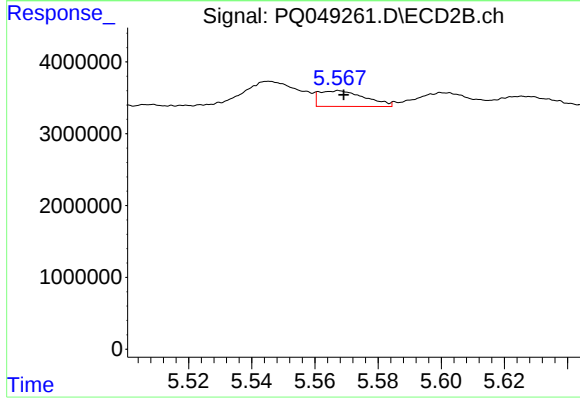
#3 AR-1016-1

R.T.: 5.546 min
Delta R.T.: -0.004 min
Response: 4373481
Conc: 28.33 ng/ml



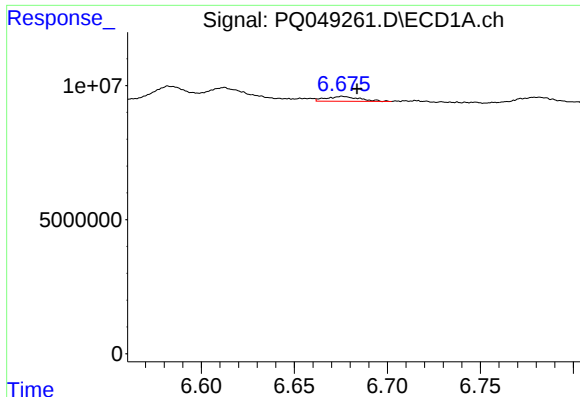
#4 AR-1016-2

R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 8907346
Conc: 24.97 ng/ml



#4 AR-1016-2

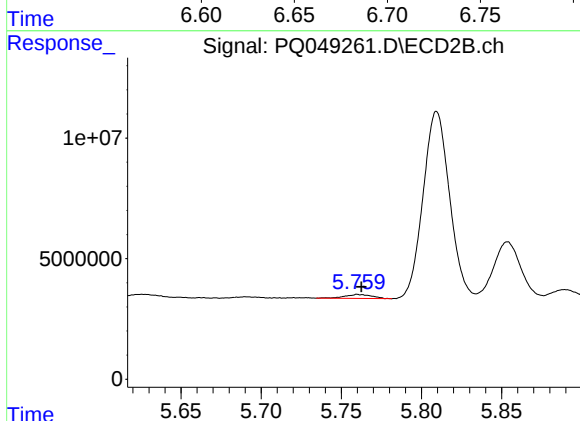
R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 2209085
Conc: 10.57 ng/ml



#5 AR-1016-3

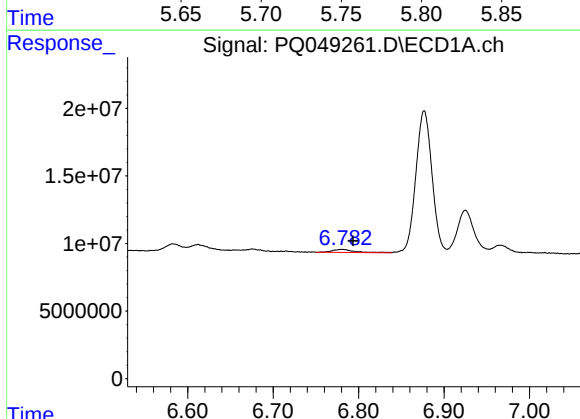
R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 2262379
Conc: 10.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



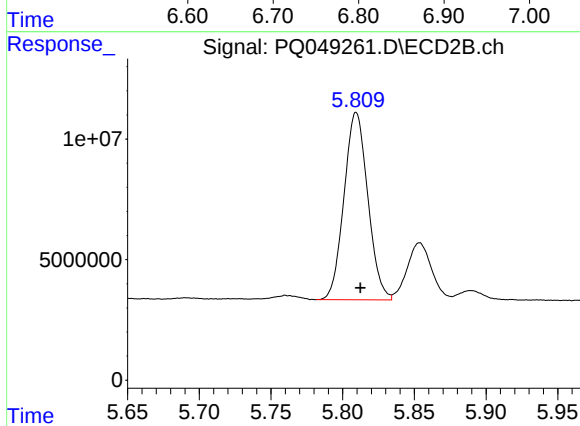
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 1962387
Conc: 18.98 ng/ml



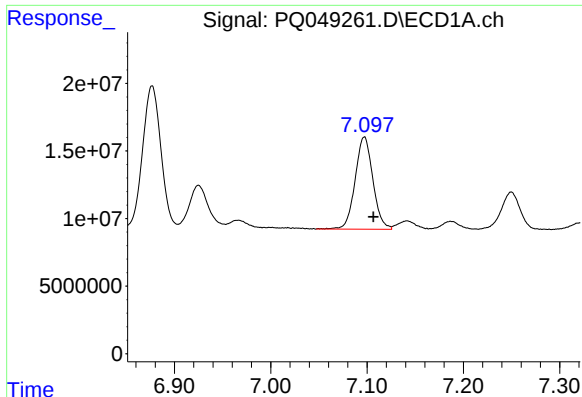
#6 AR-1016-4

R.T.: 6.781 min
Delta R.T.: -0.013 min
Response: 3991179
Conc: 22.37 ng/ml



#6 AR-1016-4

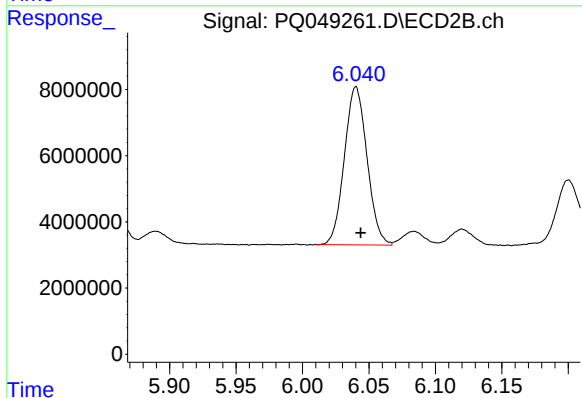
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 89692089
Conc: 1105.03 ng/ml



#7 AR-1016-5

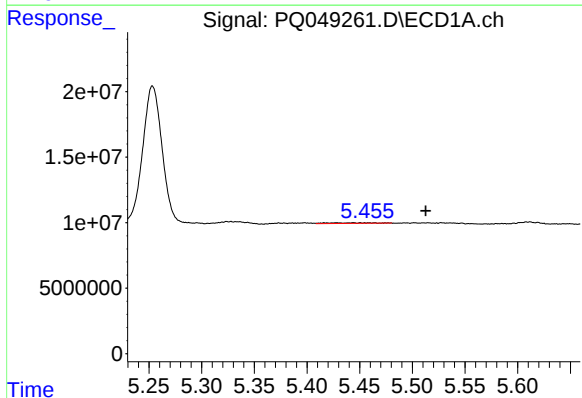
R.T.: 7.097 min
Delta R.T.: -0.009 min
Response: 87685337
Conc: 475.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



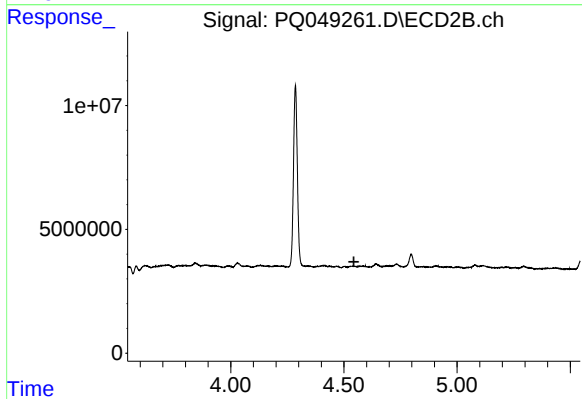
#7 AR-1016-5

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 56665044
Conc: 494.59 ng/ml



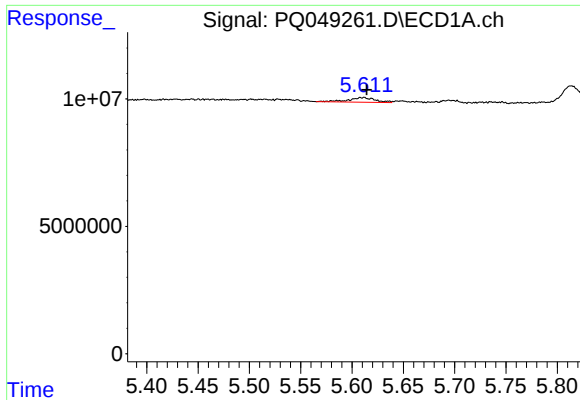
#8 AR-1221-1

R.T.: 5.443 min
Delta R.T.: -0.069 min
Response: 1274829
Conc: 17.05 ng/ml



#8 AR-1221-1

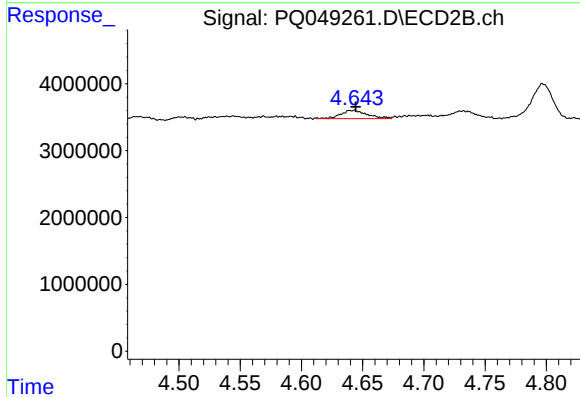
R.T.: 0.000 min
Exp R.T.: 4.544 min
Response: 0
Conc: N.D.



#9 AR-1221-2

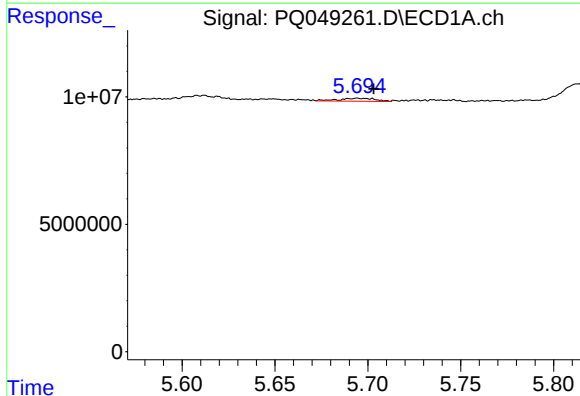
R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 3287268
Conc: 57.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



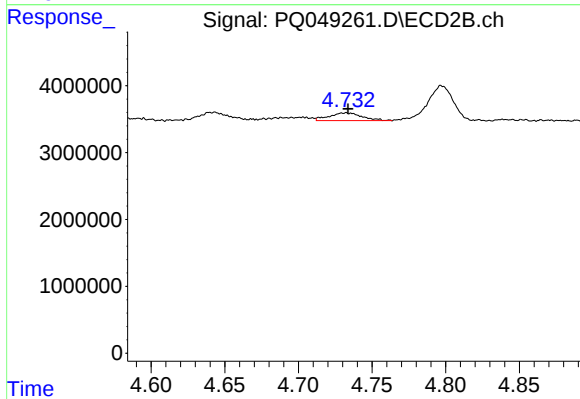
#9 AR-1221-2

R.T.: 4.643 min
Delta R.T.: -0.001 min
Response: 1900823
Conc: 59.23 ng/ml



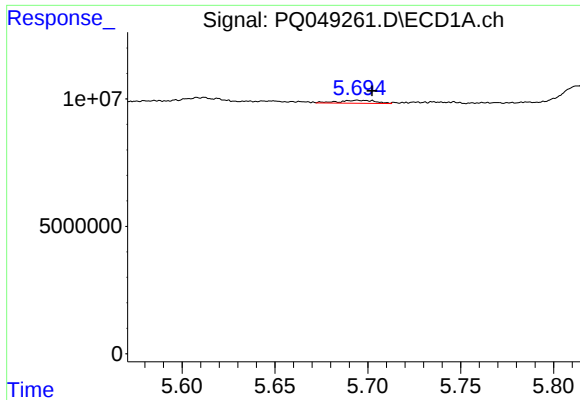
#10 AR-1221-3

R.T.: 5.695 min
Delta R.T.: -0.008 min
Response: 1638594
Conc: 8.76 ng/ml



#10 AR-1221-3

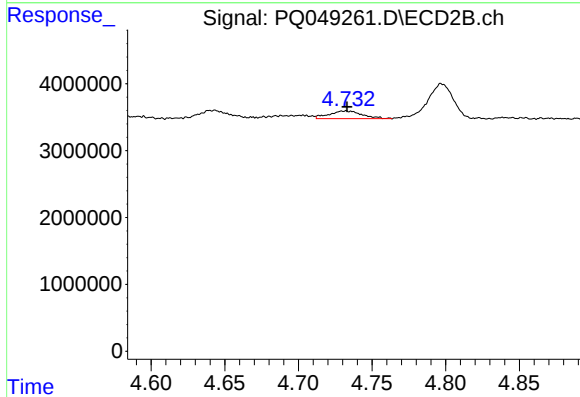
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 1805951
Conc: 16.52 ng/ml



#11 AR-1232-1

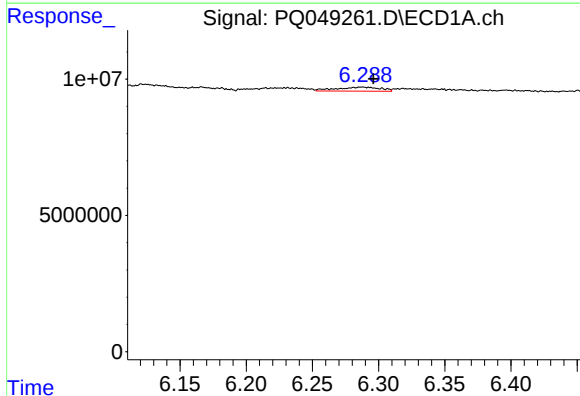
R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 1638594
Conc: 10.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



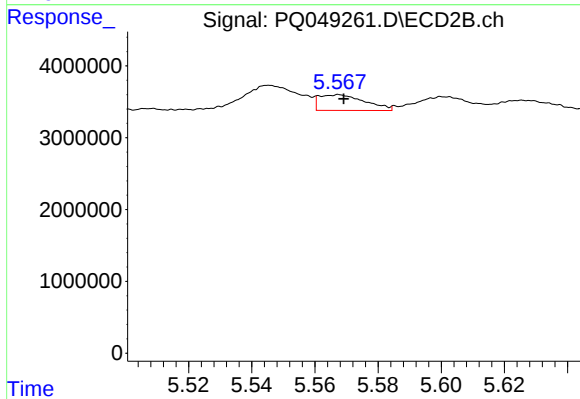
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 1805951
Conc: 20.75 ng/ml



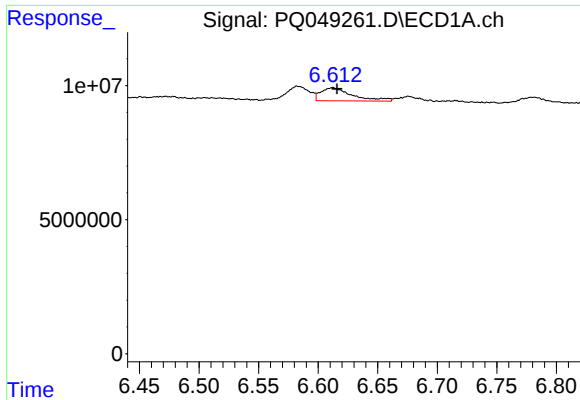
#12 AR-1232-2

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 3372762
Conc: 43.12 ng/ml



#12 AR-1232-2

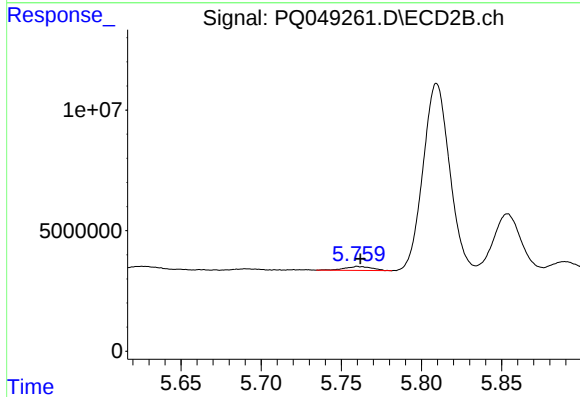
R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 2209085
Conc: 22.57 ng/ml



#13 AR-1232-3

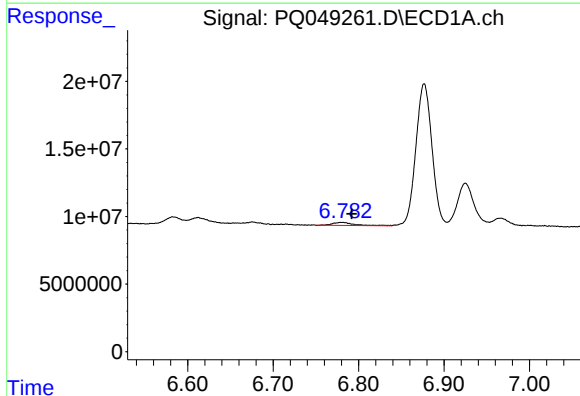
R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 8907346
Conc: 53.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



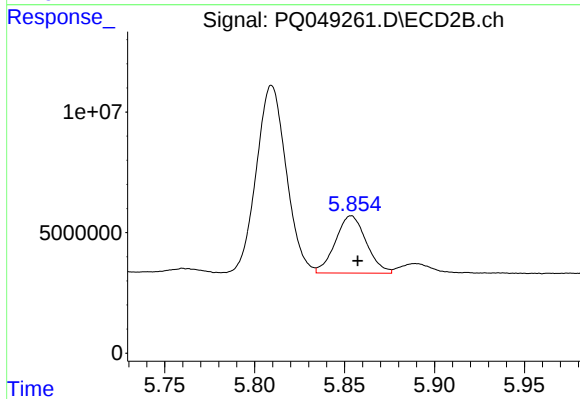
#13 AR-1232-3

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 1962387
Conc: 40.77 ng/ml



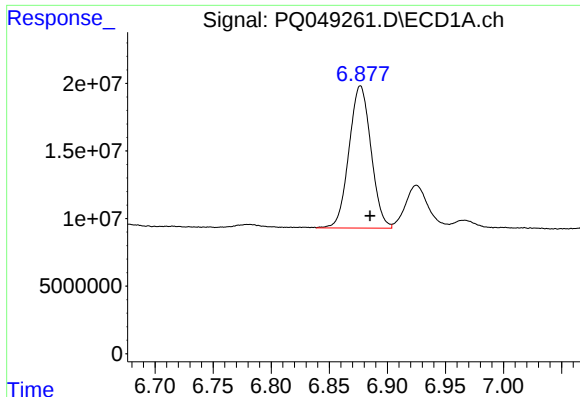
#14 AR-1232-4

R.T.: 6.781 min
Delta R.T.: -0.011 min
Response: 3991179
Conc: 47.19 ng/ml



#14 AR-1232-4

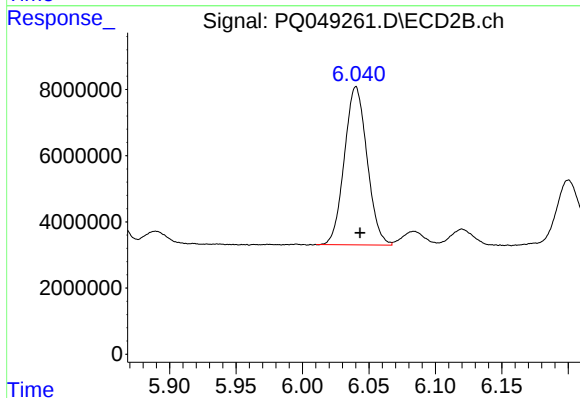
R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 28333118
Conc: 654.96 ng/ml



#15 AR-1232-5

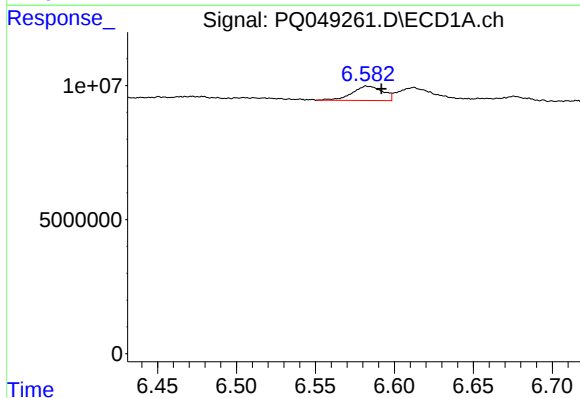
R.T.: 6.877 min
Delta R.T.: -0.008 min
Response: 138507352
Conc: 2201.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



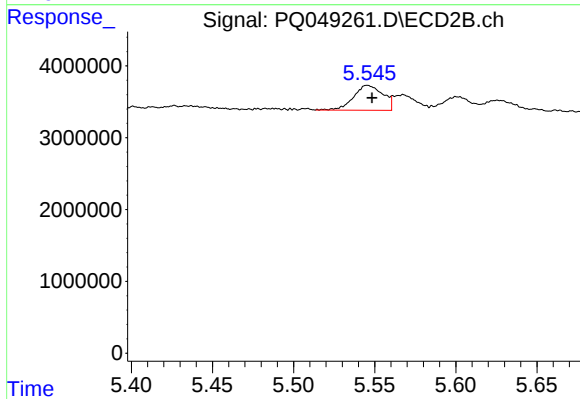
#15 AR-1232-5

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 56665044
Conc: 1139.68 ng/ml



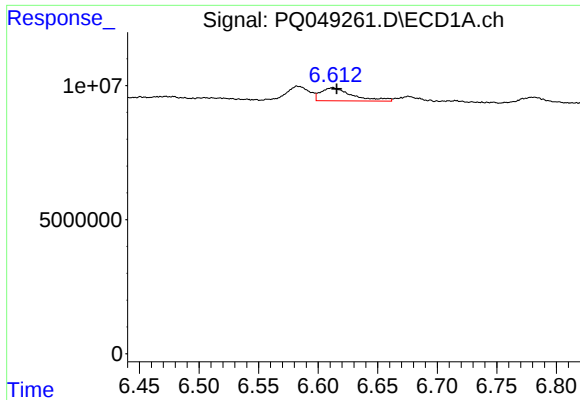
#16 AR-1242-1

R.T.: 6.583 min
Delta R.T.: -0.008 min
Response: 7164224
Conc: 30.50 ng/ml



#16 AR-1242-1

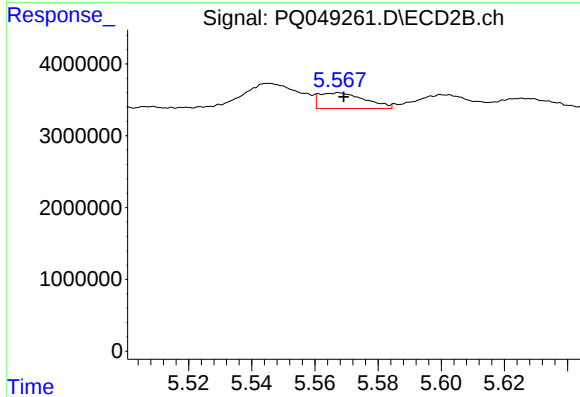
R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 4373481
Conc: 31.47 ng/ml



#17 AR-1242-2

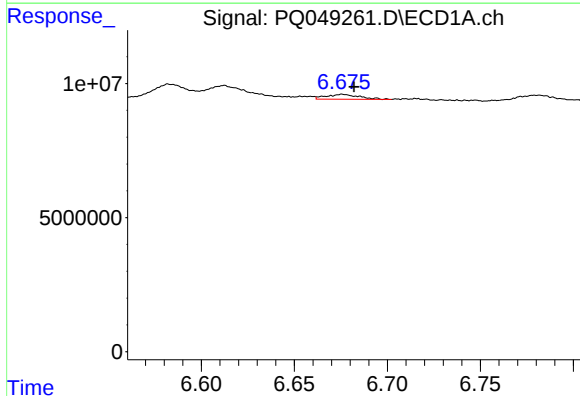
R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 8907346
Conc: 27.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



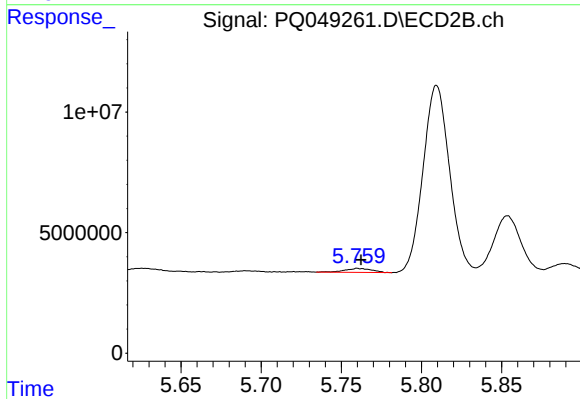
#17 AR-1242-2

R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 2209085
Conc: 11.76 ng/ml



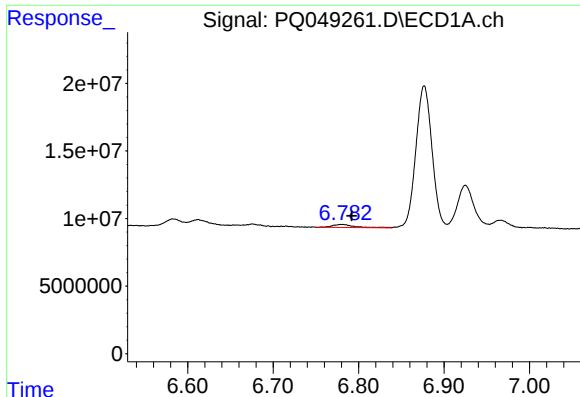
#18 AR-1242-3

R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 2262379
Conc: 11.37 ng/ml



#18 AR-1242-3

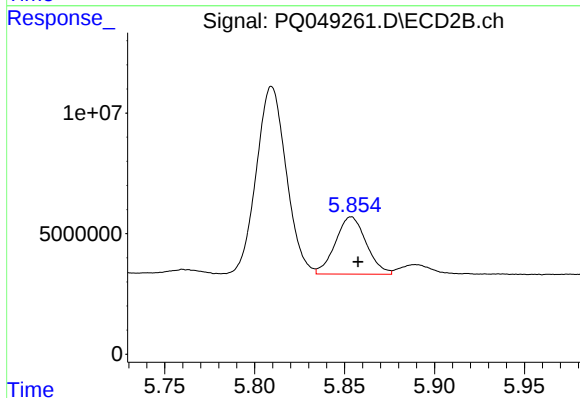
R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 1962387
Conc: 20.42 ng/ml



#19 AR-1242-4

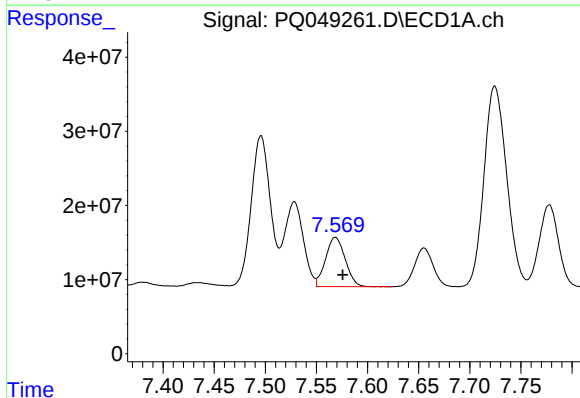
R.T.: 6.781 min
Delta R.T.: -0.011 min
Response: 3991179
Conc: 23.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



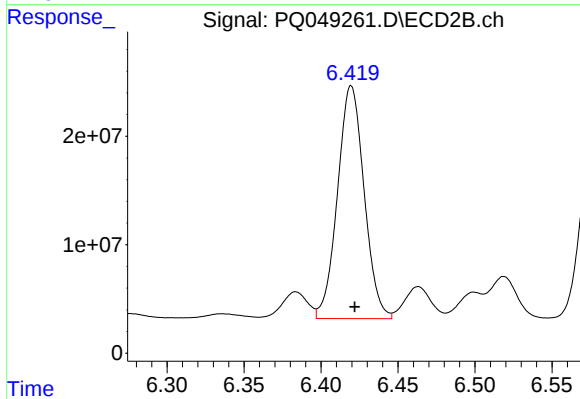
#19 AR-1242-4

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 28333118
Conc: 298.65 ng/ml



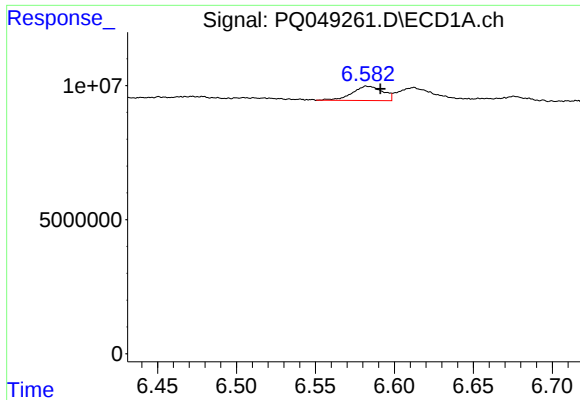
#20 AR-1242-5

R.T.: 7.569 min
Delta R.T.: -0.007 min
Response: 88920343
Conc: 436.84 ng/ml



#20 AR-1242-5

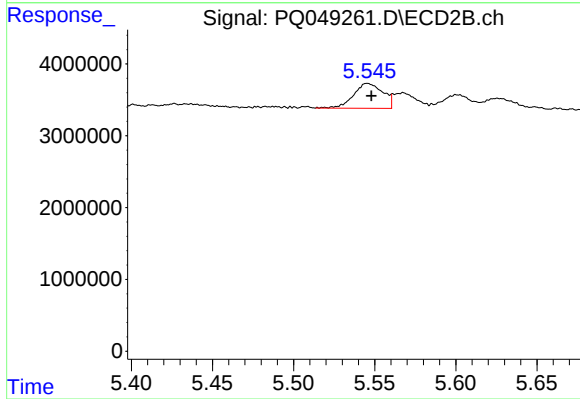
R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 258254271
Conc: 1856.99 ng/ml



#21 AR-1248-1

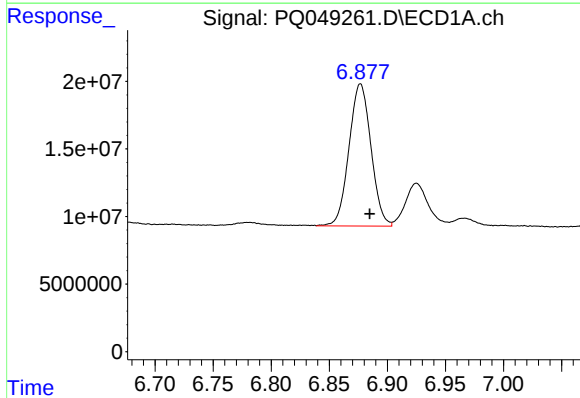
R.T.: 6.583 min
Delta R.T.: -0.008 min
Response: 7164224
Conc: 42.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



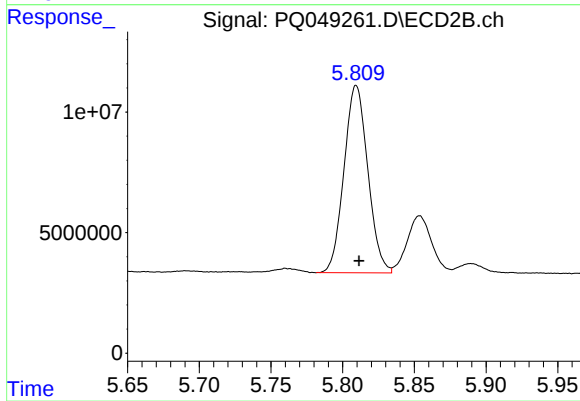
#21 AR-1248-1

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 4373481
Conc: 43.13 ng/ml



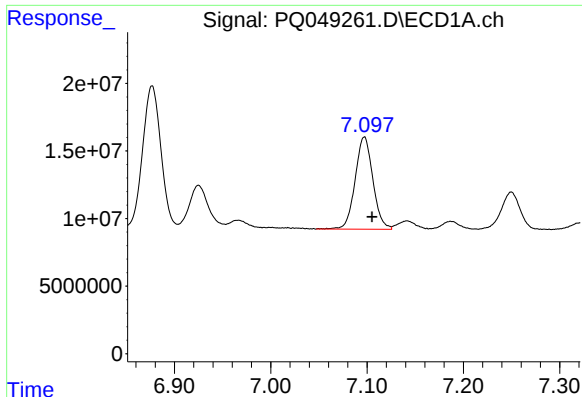
#22 AR-1248-2

R.T.: 6.877 min
Delta R.T.: -0.008 min
Response: 138507352
Conc: 614.85 ng/ml



#22 AR-1248-2

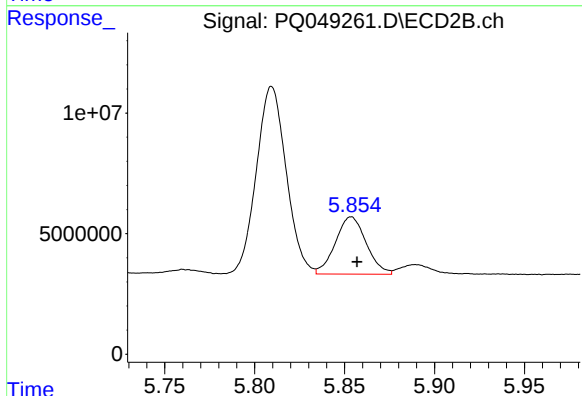
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 89692089
Conc: 718.56 ng/ml



#23 AR-1248-3

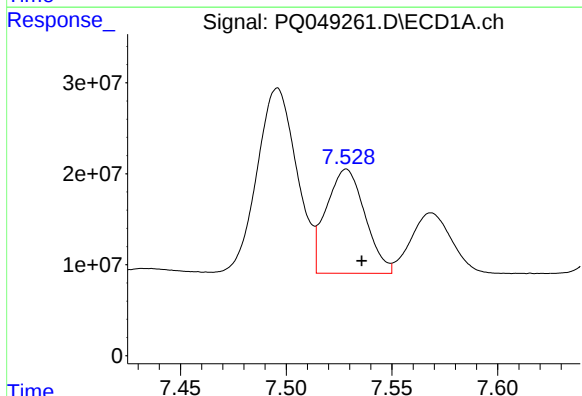
R.T.: 7.097 min
Delta R.T.: -0.008 min
Response: 87685337
Conc: 343.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



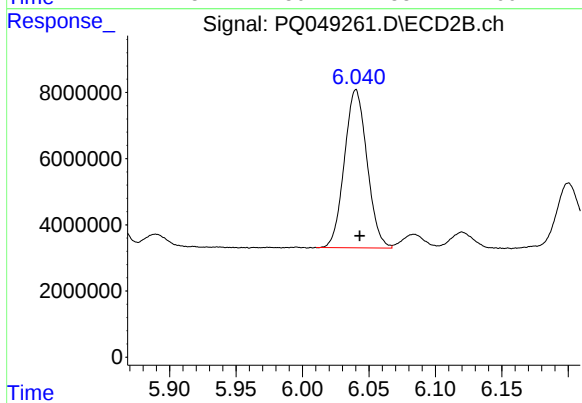
#23 AR-1248-3

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 28333118
Conc: 219.88 ng/ml



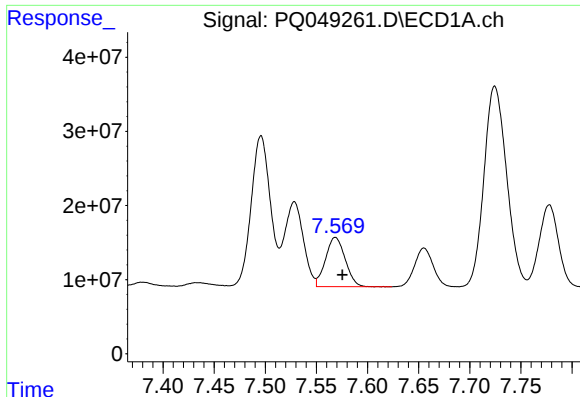
#24 AR-1248-4

R.T.: 7.528 min
Delta R.T.: -0.007 min
Response: 145645348
Conc: 456.00 ng/ml



#24 AR-1248-4

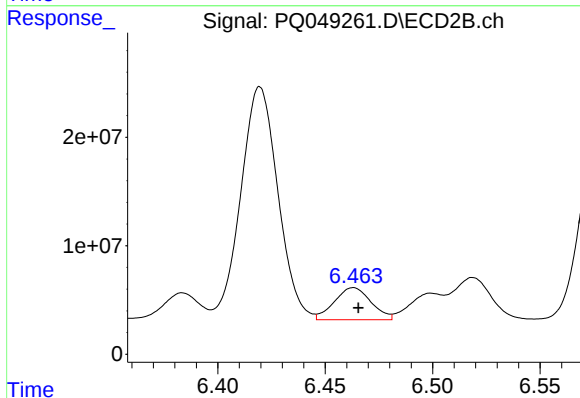
R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 56665044
Conc: 354.45 ng/ml



#25 AR-1248-5

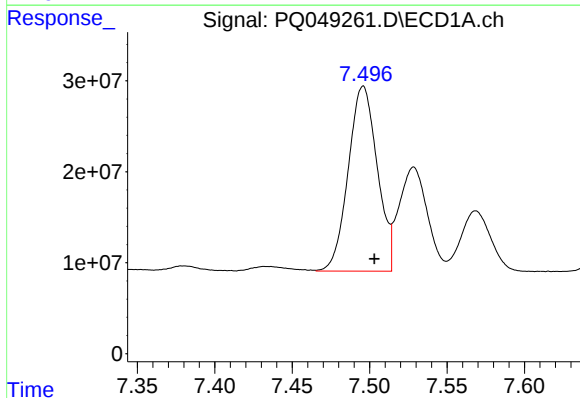
R.T.: 7.569 min
Delta R.T.: -0.007 min
Response: 88920343
Conc: 294.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



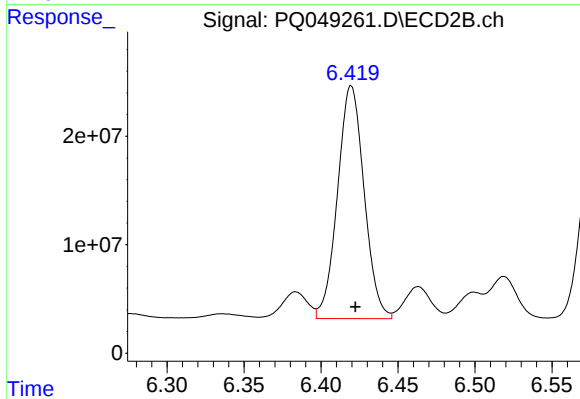
#25 AR-1248-5

R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 35198878
Conc: 203.60 ng/ml



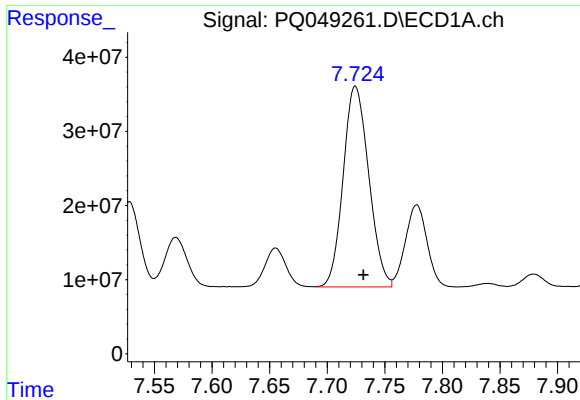
#26 AR-1254-1

R.T.: 7.496 min
Delta R.T.: -0.007 min
Response: 265318691
Conc: 823.14 ng/ml



#26 AR-1254-1

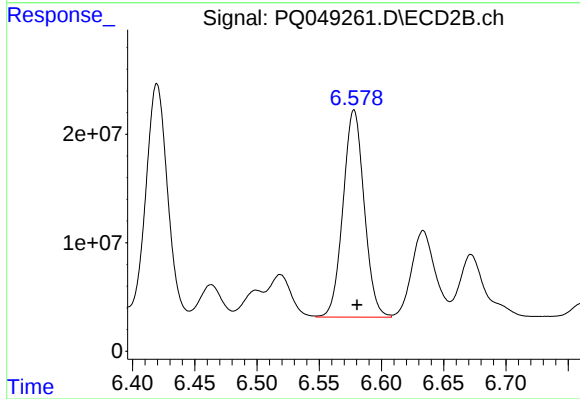
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 258254271
Conc: 949.39 ng/ml



#27 AR-1254-2

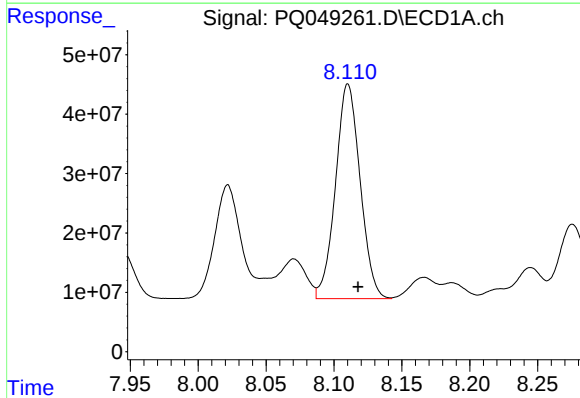
R.T.: 7.725 min
Delta R.T.: -0.007 min
Response: 418425785
Conc: 826.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



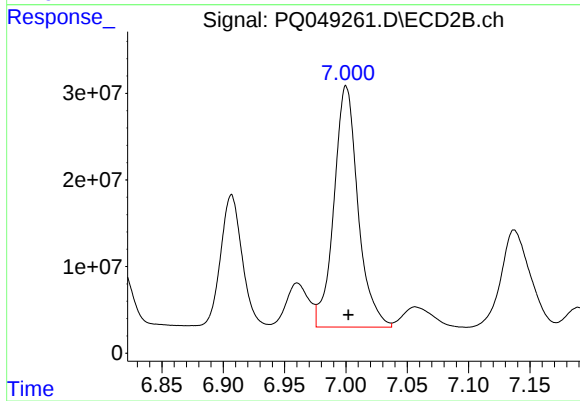
#27 AR-1254-2

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 226016292
Conc: 926.47 ng/ml



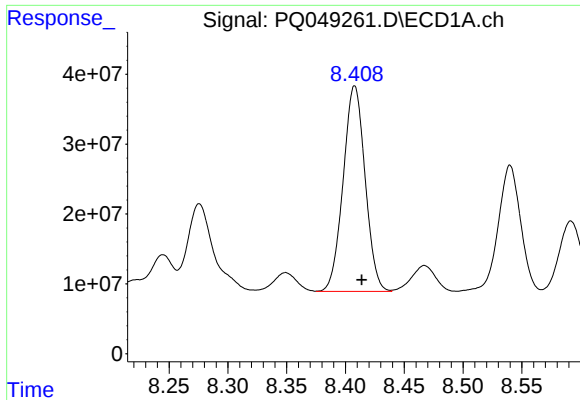
#28 AR-1254-3

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 456617350
Conc: 854.02 ng/ml



#28 AR-1254-3

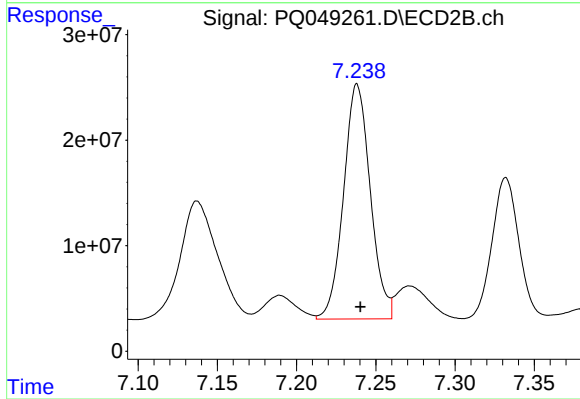
R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 379858052
Conc: 941.93 ng/ml



#29 AR-1254-4

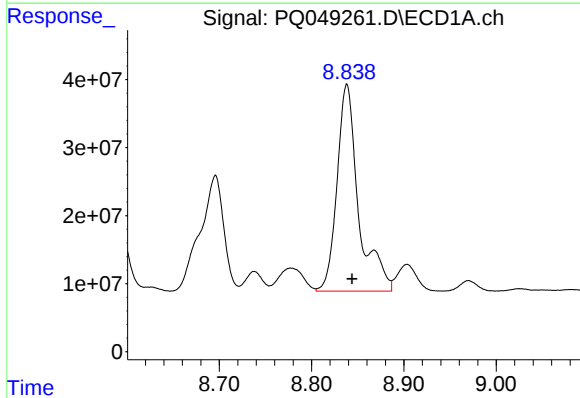
R.T.: 8.408 min
Delta R.T.: -0.006 min
Response: 382636207
Conc: 817.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



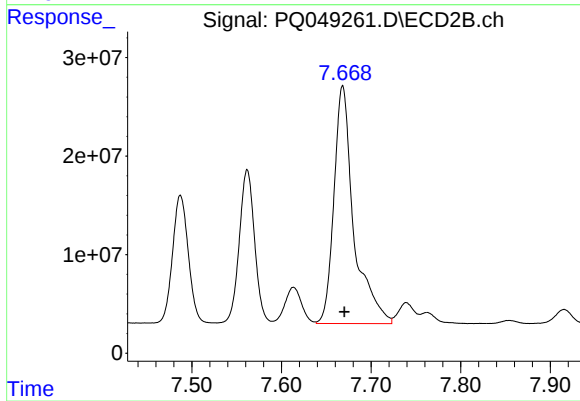
#29 AR-1254-4

R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 261628767
Conc: 969.99 ng/ml



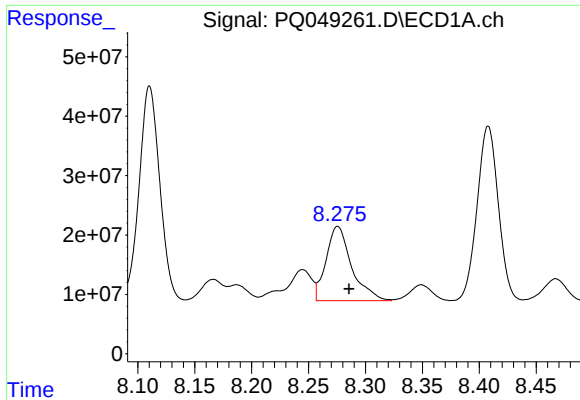
#30 AR-1254-5

R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 492525252
Conc: 1026.64 ng/ml



#30 AR-1254-5

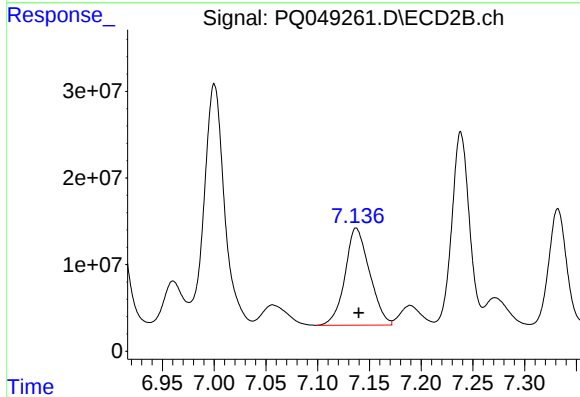
R.T.: 7.668 min
Delta R.T.: -0.002 min
Response: 371549289
Conc: 1008.66 ng/ml



#31 AR-1260-1

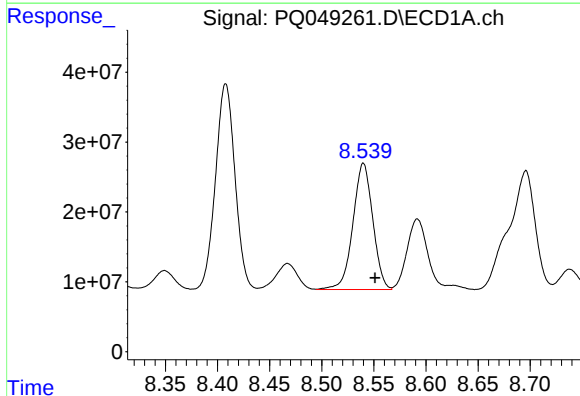
R.T.: 8.276 min
Delta R.T.: -0.010 min
Response: 195894462
Conc: 535.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



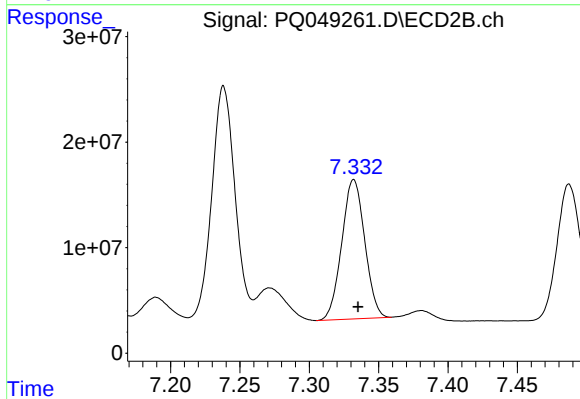
#31 AR-1260-1

R.T.: 7.137 min
Delta R.T.: -0.003 min
Response: 184550788
Conc: 809.20 ng/ml



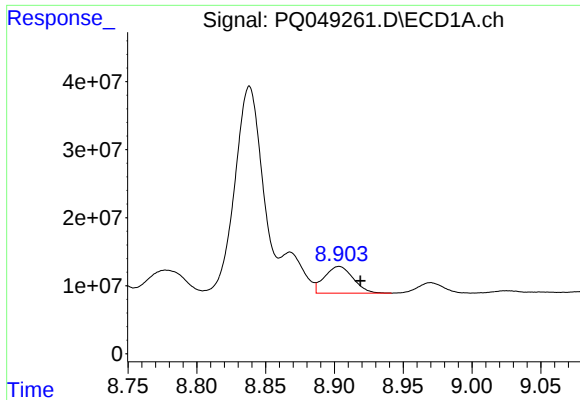
#32 AR-1260-2

R.T.: 8.540 min
Delta R.T.: -0.011 min
Response: 239384547
Conc: 481.41 ng/ml



#32 AR-1260-2

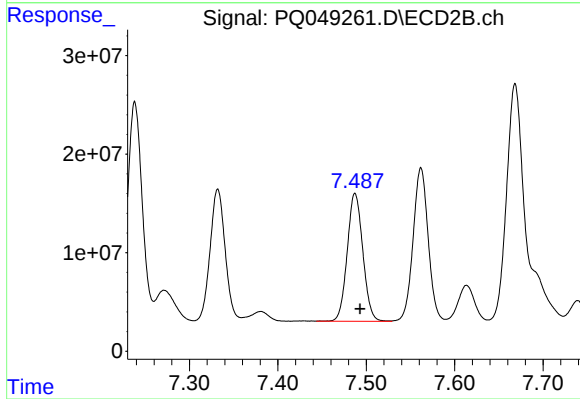
R.T.: 7.332 min
Delta R.T.: -0.003 min
Response: 152149208
Conc: 525.86 ng/ml



#33 AR-1260-3

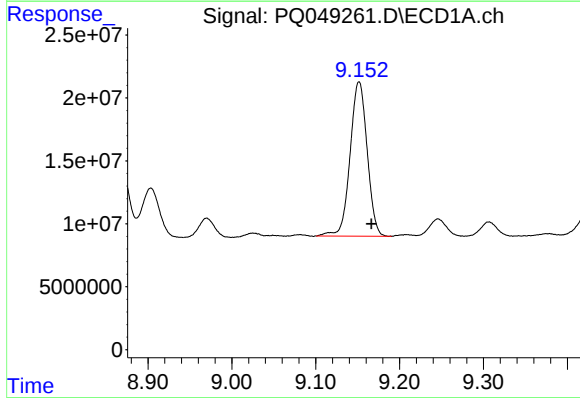
R.T.: 8.903 min
Delta R.T.: -0.016 min
Response: 56765471
Conc: 135.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



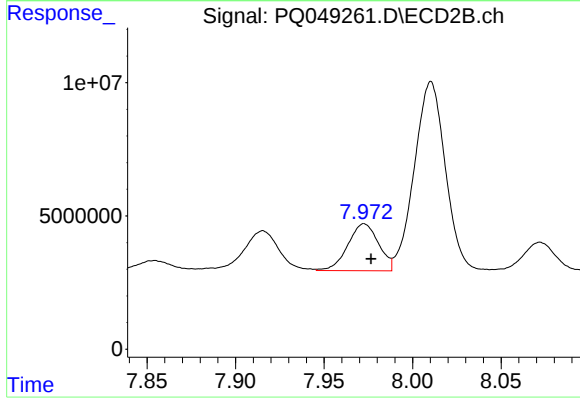
#33 AR-1260-3

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 158909490
Conc: 614.38 ng/ml



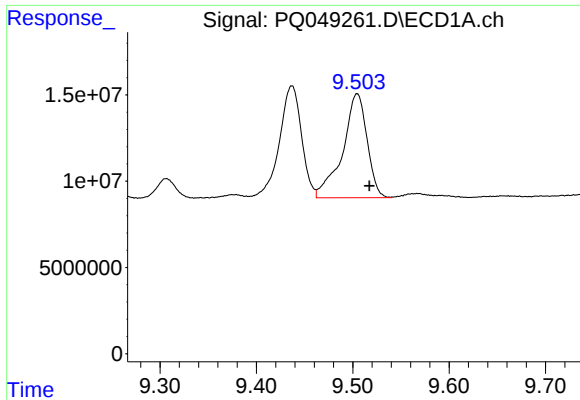
#34 AR-1260-4

R.T.: 9.152 min
Delta R.T.: -0.015 min
Response: 173202963
Conc: 415.47 ng/ml



#34 AR-1260-4

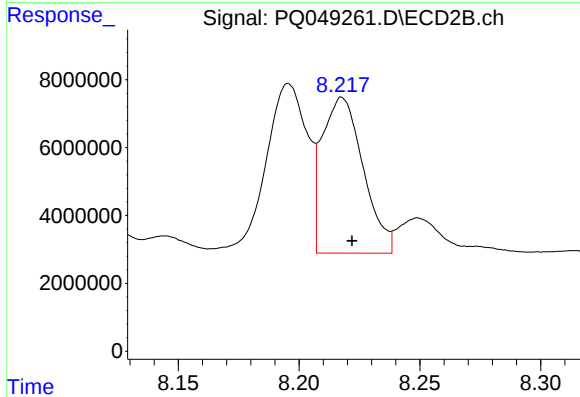
R.T.: 7.973 min
Delta R.T.: -0.004 min
Response: 21299143
Conc: 93.42 ng/ml



#35 AR-1260-5

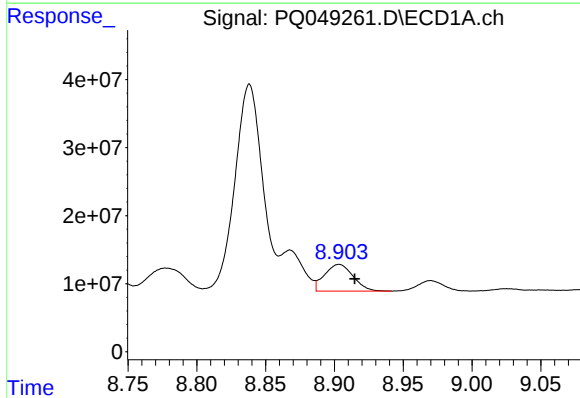
R.T.: 9.504 min
Delta R.T.: -0.013 min
Response: 106125592
Conc: 103.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



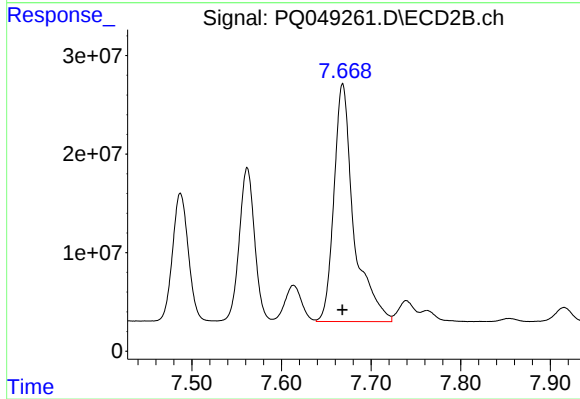
#35 AR-1260-5

R.T.: 8.218 min
Delta R.T.: -0.004 min
Response: 54274021
Conc: 91.32 ng/ml



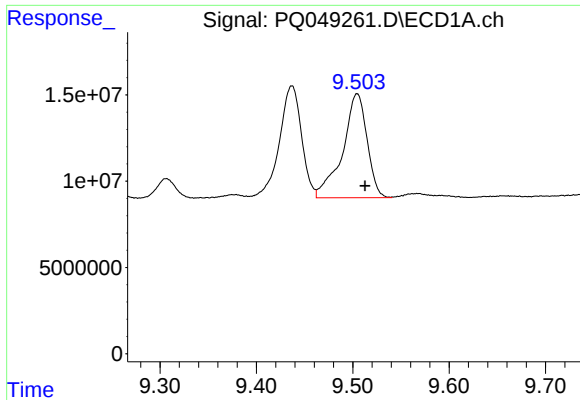
#36 AR-1262-1

R.T.: 8.903 min
Delta R.T.: -0.011 min
Response: 56765471
Conc: 78.94 ng/ml



#36 AR-1262-1

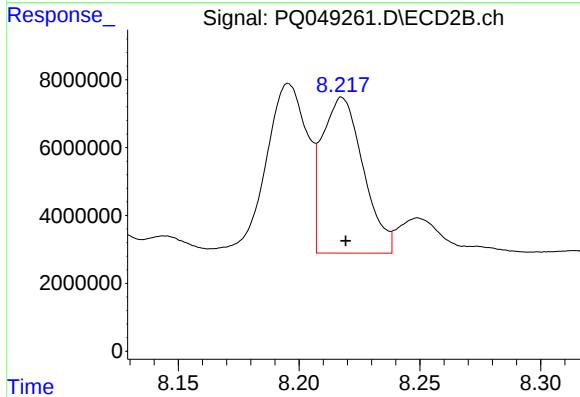
R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 371549289
Conc: 1779.95 ng/ml



#37 AR-1262-2

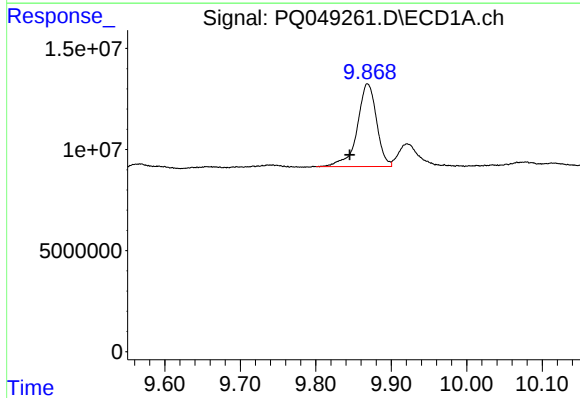
R.T.: 9.504 min
Delta R.T.: -0.008 min
Response: 106125592
Conc: 78.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



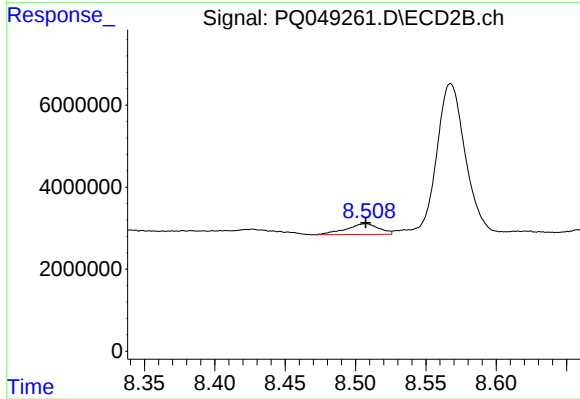
#37 AR-1262-2

R.T.: 8.218 min
Delta R.T.: -0.001 min
Response: 54274021
Conc: 68.62 ng/ml



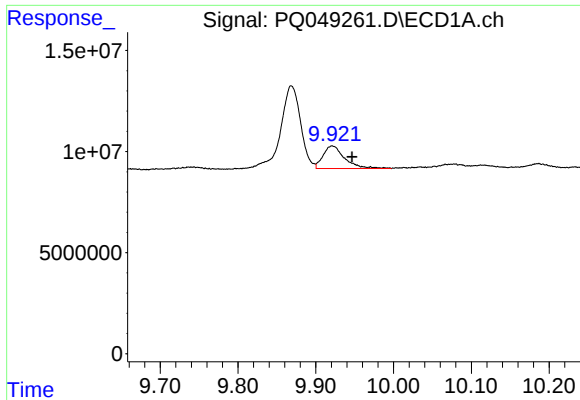
#38 AR-1262-3

R.T.: 9.869 min
Delta R.T.: 0.024 min
Response: 72749001
Conc: 112.55 ng/ml



#38 AR-1262-3

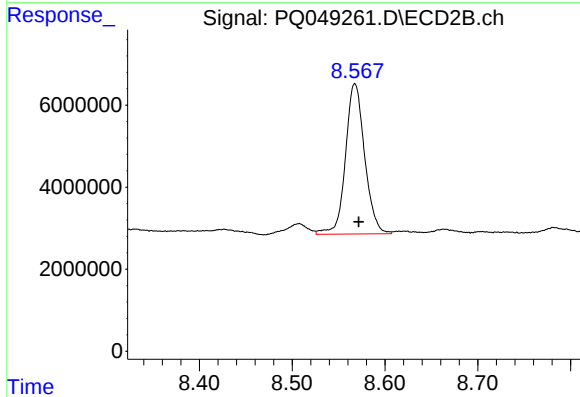
R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 4252396
Conc: 13.19 ng/ml



#39 AR-1262-4

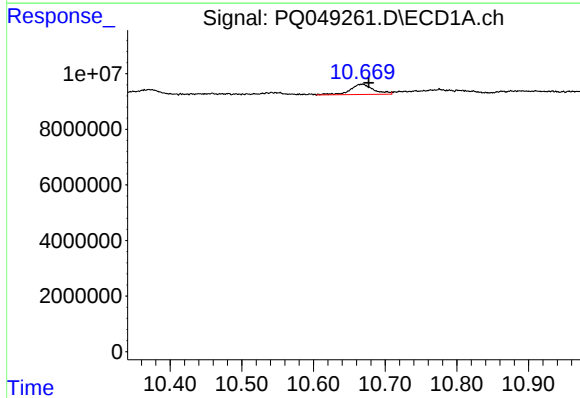
R.T.: 9.921 min
Delta R.T.: -0.025 min
Response: 21545427
Conc: 29.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



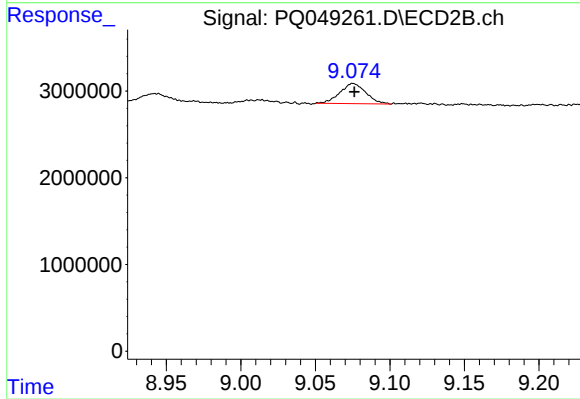
#39 AR-1262-4

R.T.: 8.568 min
Delta R.T.: -0.004 min
Response: 52441698
Conc: 88.98 ng/ml



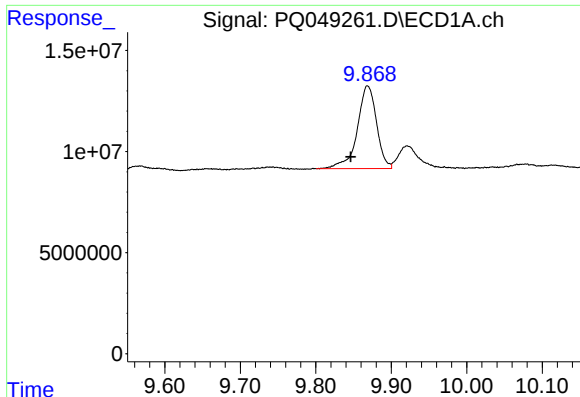
#40 AR-1262-5

R.T.: 10.667 min
Delta R.T.: -0.010 min
Response: 8300210
Conc: 15.05 ng/ml



#40 AR-1262-5

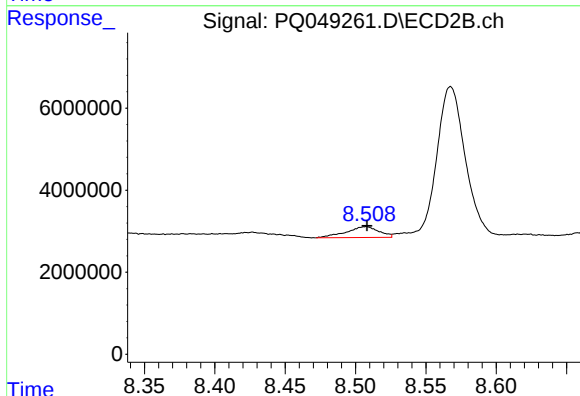
R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 2821881
Conc: 10.02 ng/ml



#41 AR-1268-1

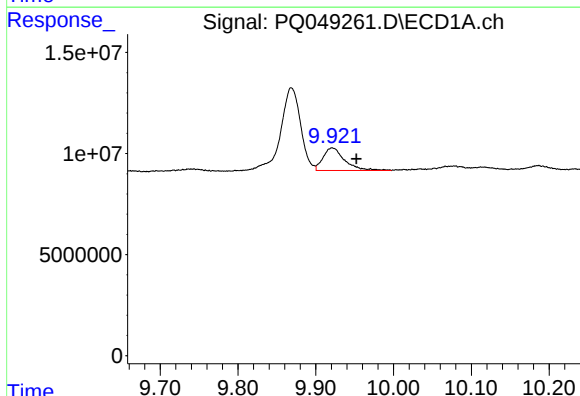
R.T.: 9.869 min
Delta R.T.: 0.022 min
Response: 72749001
Conc: 42.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



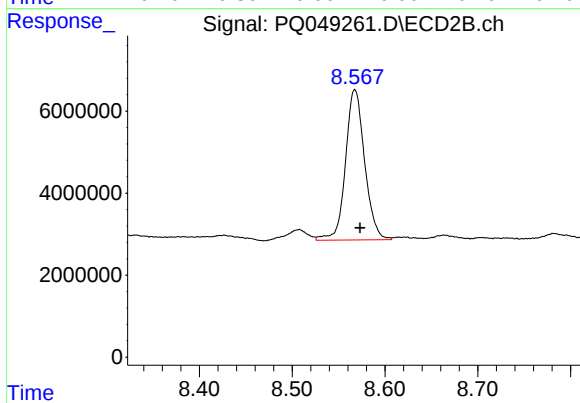
#41 AR-1268-1

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 4252396
Conc: 4.60 ng/ml



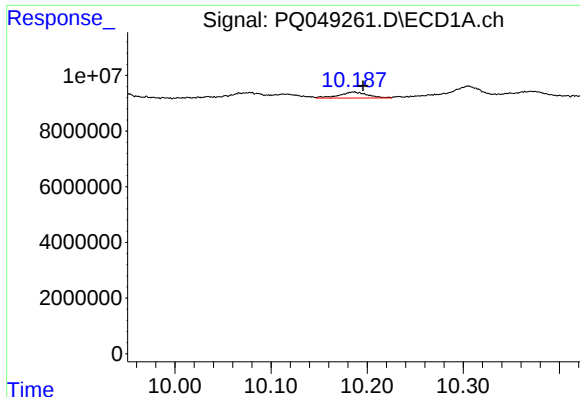
#42 AR-1268-2

R.T.: 9.921 min
Delta R.T.: -0.031 min
Response: 21545427
Conc: 13.71 ng/ml



#42 AR-1268-2

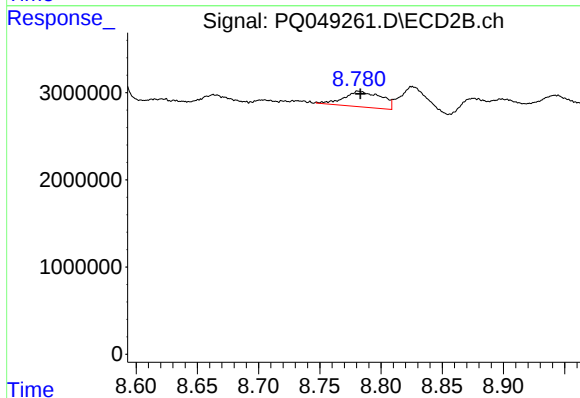
R.T.: 8.568 min
Delta R.T.: -0.005 min
Response: 52441698
Conc: 60.93 ng/ml



#43 AR-1268-3

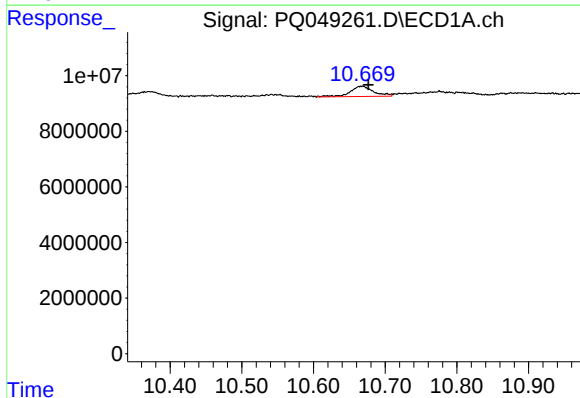
R.T.: 10.186 min
Delta R.T.: -0.010 min
Response: 4442693
Conc: 3.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



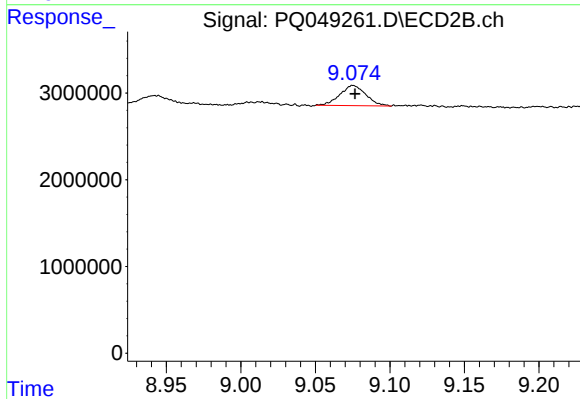
#43 AR-1268-3

R.T.: 8.782 min
Delta R.T.: -0.001 min
Response: 3811764
Conc: 5.29 ng/ml



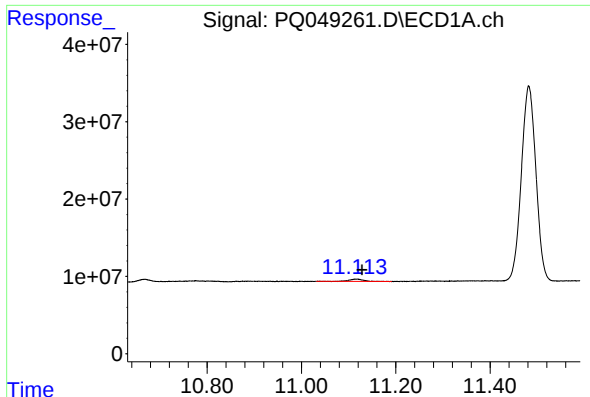
#44 AR-1268-4

R.T.: 10.667 min
Delta R.T.: -0.009 min
Response: 8300210
Conc: 13.45 ng/ml



#44 AR-1268-4

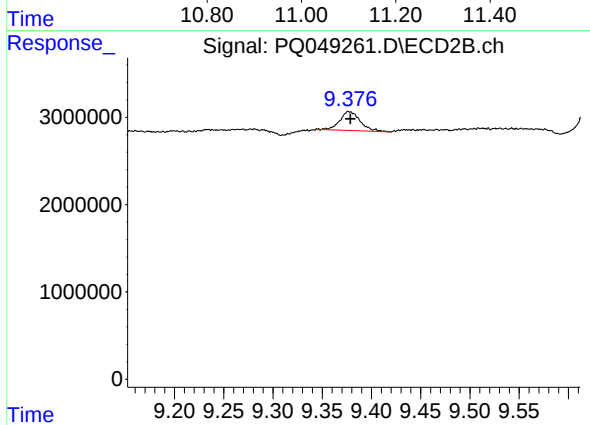
R.T.: 9.075 min
Delta R.T.: -0.001 min
Response: 2821881
Conc: 9.00 ng/ml



#45 AR-1268-5

R.T.: 11.117 min
Delta R.T.: -0.012 min
Response: 6274632
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.377 min
Delta R.T.: -0.002 min
Response: 3137524
Conc: 1.37 ng/ml