

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040922\
 Data File : PQ056930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 16:28
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 12:16:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 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...	4.532	3.750	307.4E6	201.2E6	17.261	18.755
2)	SA Decachlor...	10.299	8.677	555.5E6	352.0E6	38.047	34.115
Target Compounds							
3)	L1 AR-1016-1	5.712	4.815	13171884	3274604	31.055	9.838 #
4)	L1 AR-1016-2	5.733	4.833	25230157	2895278	29.498	4.835 #
5)	L1 AR-1016-3	5.792	5.007	11796289	1815569	21.279	6.753 #
6)	L1 AR-1016-4	5.889	5.043	17895797	85865373	41.885	377.104 #
7)	L1 AR-1016-5	6.178	5.253	92849259	67217119	235.046	234.162
8)	L2 AR-1221-1	0.000	3.955	0	188179	N.D.	1.649 #
9)	L2 AR-1221-2	4.843	4.047	3984711	2912411	32.457	36.788
10)	L2 AR-1221-3	4.912	4.119	717597	1261189	1.718	4.547 #
11)	L3 AR-1232-1	4.912	4.119	717597	1261189	2.045	5.544 #
12)	L3 AR-1232-2	5.436	4.833	14500041	2895278	57.698	12.293 #
13)	L3 AR-1232-3	5.733	5.007	25230157	1815569	70.678	15.636 #
14)	L3 AR-1232-4	5.889	5.083	17895797	26314919	97.669	269.939 #
15)	L3 AR-1232-5	5.972	5.253	116.1E6	67217119	406.019	654.274 #
16)	L4 AR-1242-1	5.712	4.815	13171884	3274604	33.829	11.496 #
17)	L4 AR-1242-2	5.733	4.833	25230157	2895278	32.893	5.725 #
18)	L4 AR-1242-3	5.792	5.007	11796289	1815569	23.262	7.976 #
19)	L4 AR-1242-4	5.889	5.083	17895797	26314919	45.875	115.093 #
20)	L4 AR-1242-5	6.624	5.599	105.0E6	230.0E6	265.577	770.074 #
21)	L5 AR-1248-1	5.712	4.815	13171884	3274604	44.854	14.671 #
22)	L5 AR-1248-2	5.972	5.043	116.1E6	85865373	216.286	257.557
23)	L5 AR-1248-3	6.178	5.083	92849259	26314919	147.693	75.105 #
24)	L5 AR-1248-4	6.586	5.253	109.0E6	67217119	166.628	160.903
25)	L5 AR-1248-5	6.624	5.642	105.0E6	28114054	151.131	62.726 #
26)	L6 AR-1254-1	6.552	5.599	207.2E6	230.0E6	321.769	344.891
27)	L6 AR-1254-2	6.769	5.743	292.8E6	193.7E6	293.510	352.856
28)	L6 AR-1254-3	7.140	6.141	321.4E6	310.7E6	290.196	334.263
29)	L6 AR-1254-4	7.429	6.368	200.7E6	222.2E6	273.960	328.615
30)	L6 AR-1254-5	7.843	6.778	221.3E6	272.4E6	261.594	333.470 #
31)	L7 AR-1260-1	7.298	6.268	116.1E6	141.9E6	181.147	259.816 #
32)	L7 AR-1260-2	7.554	6.454	119.3E6	114.0E6	161.901	171.283
33)	L7 AR-1260-3	7.843	6.604	221.3E6	118.5E6	237.257	191.526
34)	L7 AR-1260-4	8.138	7.070	90509777	11731050	131.093	22.186 #
35)	L7 AR-1260-5	8.470	7.306	42473188	27331775	30.596	20.881 #
36)	L8 AR-1262-1	7.905	6.778	29279609	272.4E6	29.207	643.336 #
37)	L8 AR-1262-2	8.470	7.306	42473188	27331775	23.139	17.116 #
38)	L8 AR-1262-3	8.809	7.589	26020885	1597411	32.242	2.490 #
39)	L8 AR-1262-4	8.861	7.650	7910093	29075773	13.207	24.643 #
40)	L8 AR-1262-5	9.551	8.143	1215914	988057	1.805	1.968
41)	L9 AR-1268-1	8.809	7.589	26020885	1597411	11.984	0.866 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040922\
 Data File : PQ056930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 16:28
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

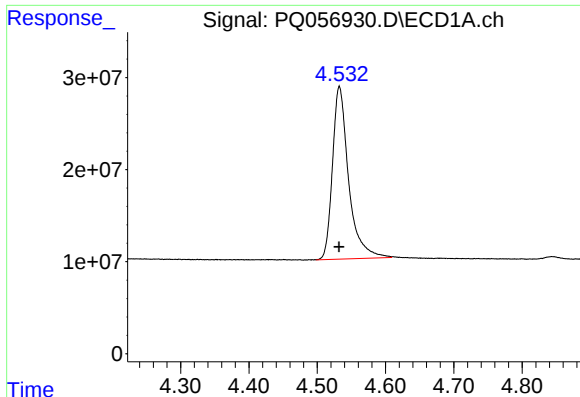
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 12:16:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 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	8.861	7.650	7910093	29075773	3.764	17.285 #
43) L9	AR-1268-3	9.101	7.856	1568506	671457	0.876	0.525 #
44) L9	AR-1268-4	9.551	8.143	1215914	988057	1.690	1.794
45) L9	AR-1268-5	9.964	8.430	4277853	2110812	0.724	0.473 #

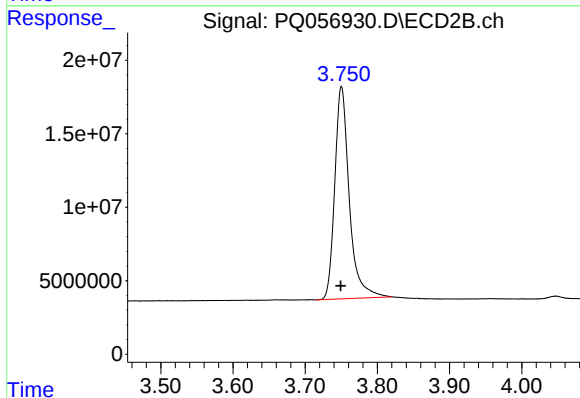
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

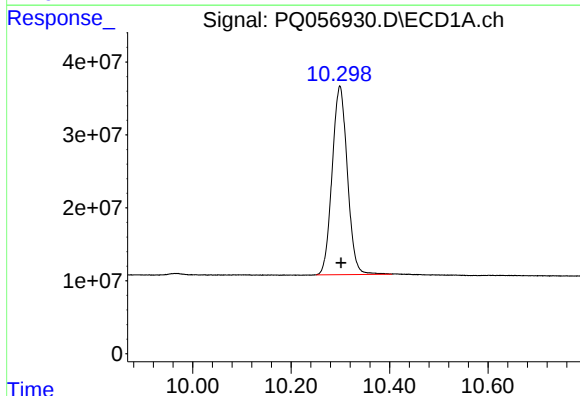
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 307440938
Conc: 17.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



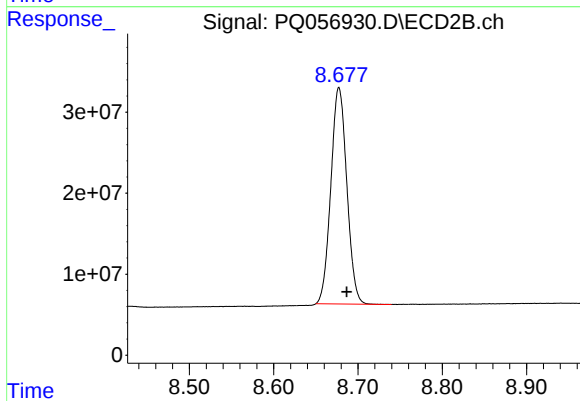
#1 Tetrachloro-m-xylene

R.T.: 3.750 min
Delta R.T.: 0.001 min
Response: 201206346
Conc: 18.75 ng/ml



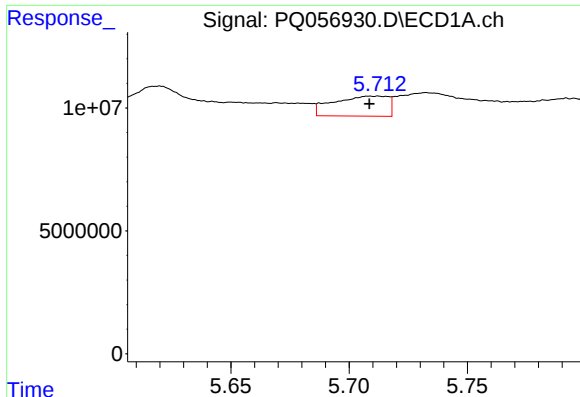
#2 Decachlorobiphenyl

R.T.: 10.299 min
Delta R.T.: -0.002 min
Response: 555540974
Conc: 38.05 ng/ml



#2 Decachlorobiphenyl

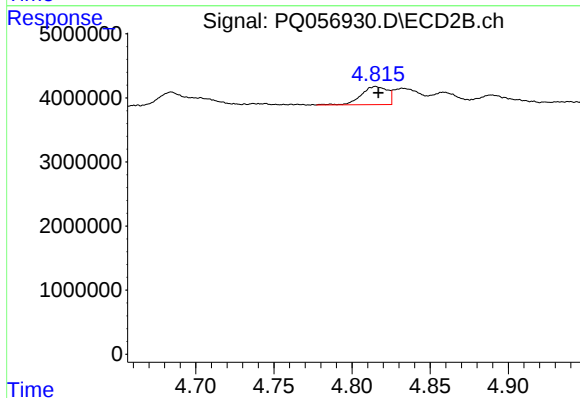
R.T.: 8.677 min
Delta R.T.: -0.009 min
Response: 351952933
Conc: 34.11 ng/ml



#3 AR-1016-1

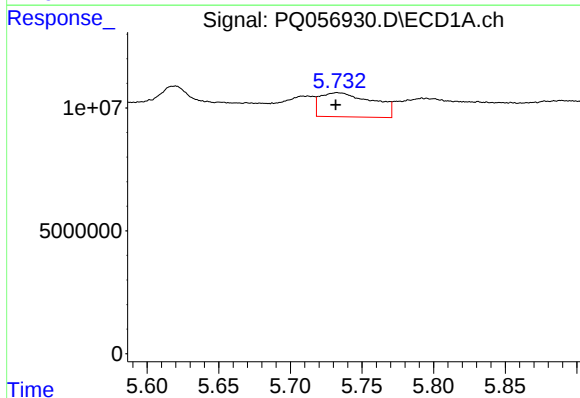
R.T.: 5.712 min
Delta R.T.: 0.004 min
Response: 13171884
Conc: 31.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



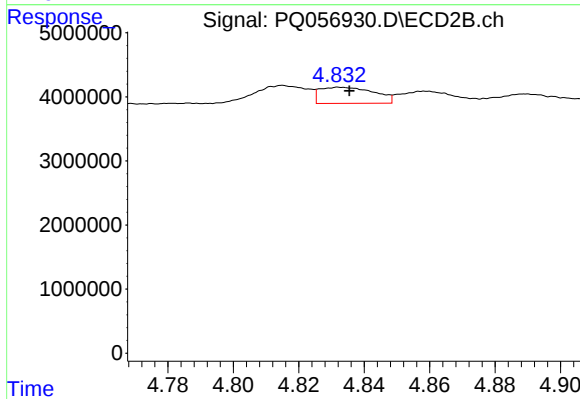
#3 AR-1016-1

R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 3274604
Conc: 9.84 ng/ml



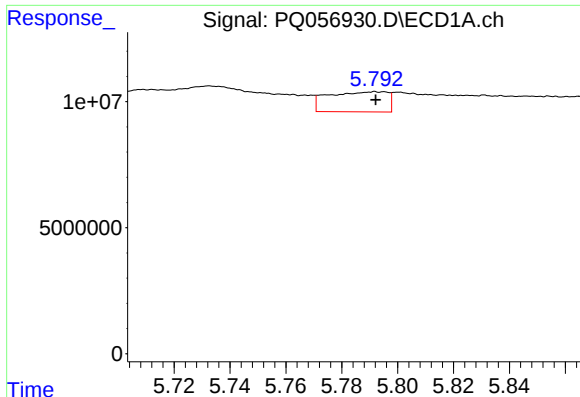
#4 AR-1016-2

R.T.: 5.733 min
Delta R.T.: 0.001 min
Response: 25230157
Conc: 29.50 ng/ml



#4 AR-1016-2

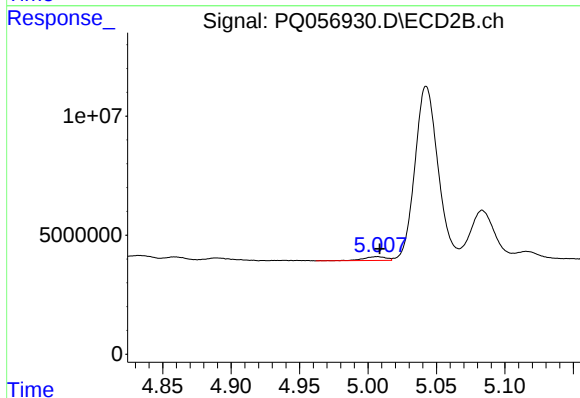
R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 2895278
Conc: 4.84 ng/ml



#5 AR-1016-3

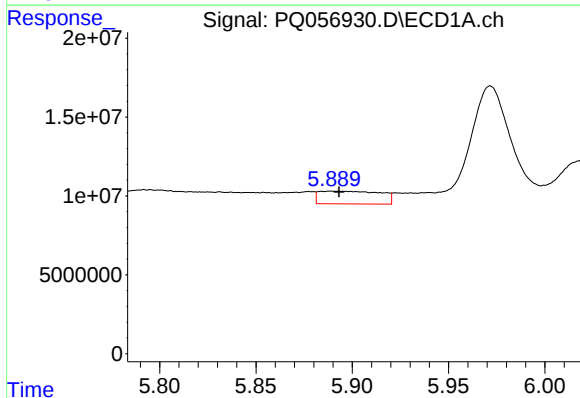
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 11796289
Conc: 21.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



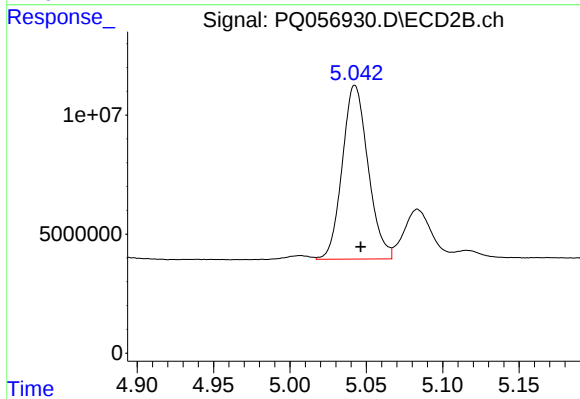
#5 AR-1016-3

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 1815569
Conc: 6.75 ng/ml



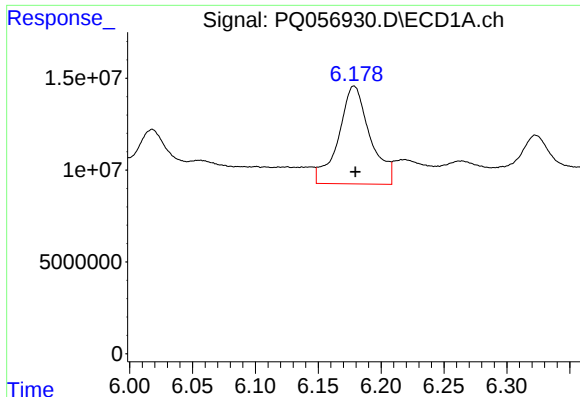
#6 AR-1016-4

R.T.: 5.889 min
Delta R.T.: -0.004 min
Response: 17895797
Conc: 41.88 ng/ml



#6 AR-1016-4

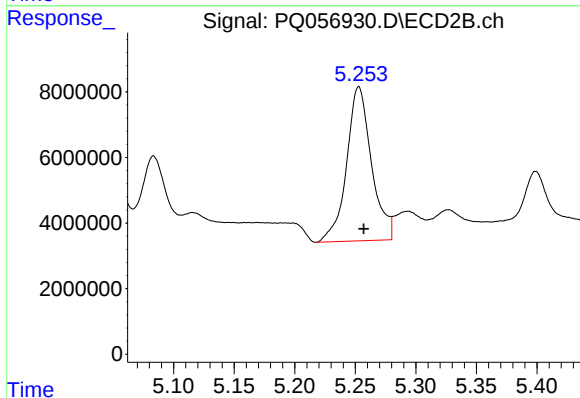
R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 85865373
Conc: 377.10 ng/ml



#7 AR-1016-5

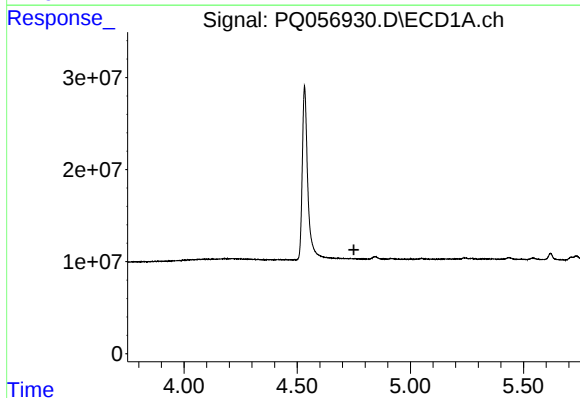
R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 92849259
Conc: 235.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



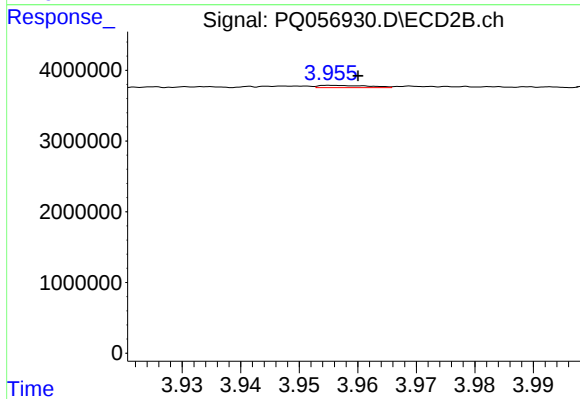
#7 AR-1016-5

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 67217119
Conc: 234.16 ng/ml



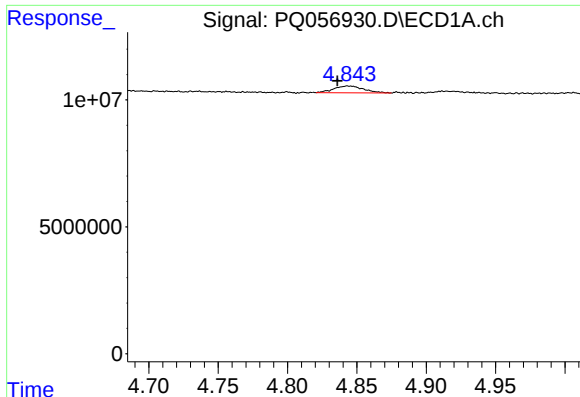
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.751 min
Response: 0
Conc: N.D.



#8 AR-1221-1

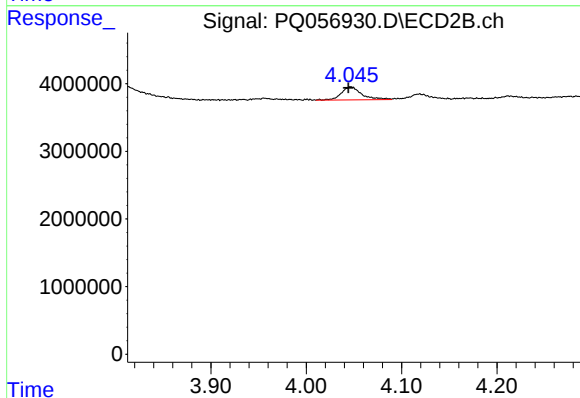
R.T.: 3.955 min
Delta R.T.: -0.005 min
Response: 188179
Conc: 1.65 ng/ml



#9 AR-1221-2

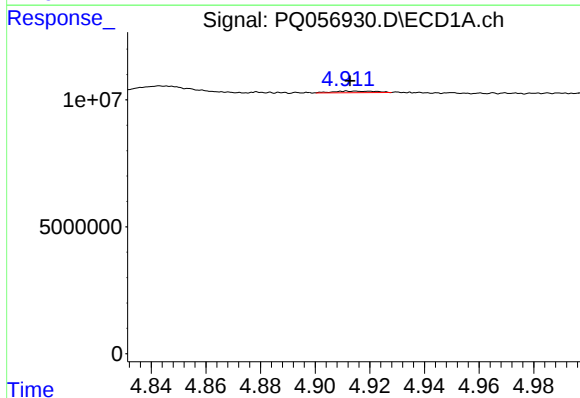
R.T.: 4.843 min
Delta R.T.: 0.007 min
Response: 3984711
Conc: 32.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



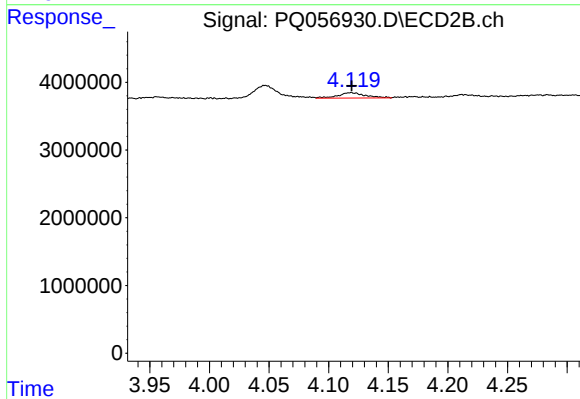
#9 AR-1221-2

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 2912411
Conc: 36.79 ng/ml



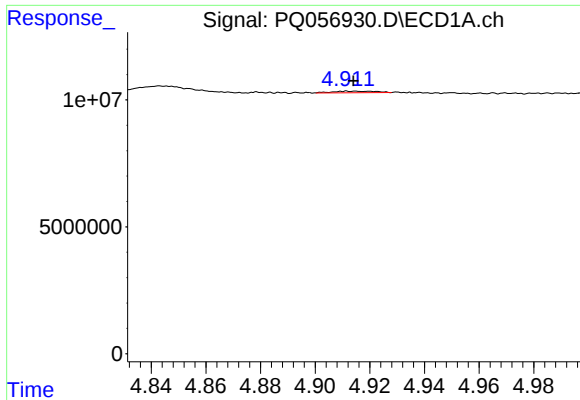
#10 AR-1221-3

R.T.: 4.912 min
Delta R.T.: -0.001 min
Response: 717597
Conc: 1.72 ng/ml



#10 AR-1221-3

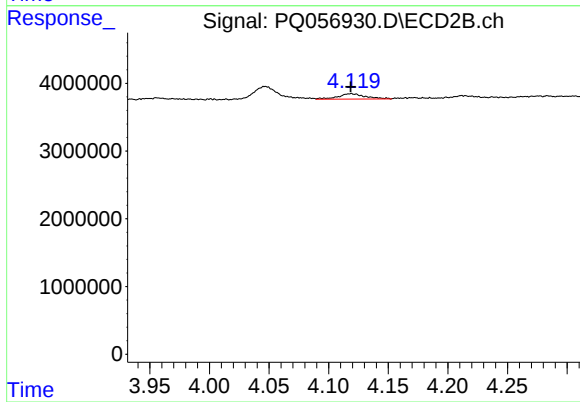
R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 1261189
Conc: 4.55 ng/ml



#11 AR-1232-1

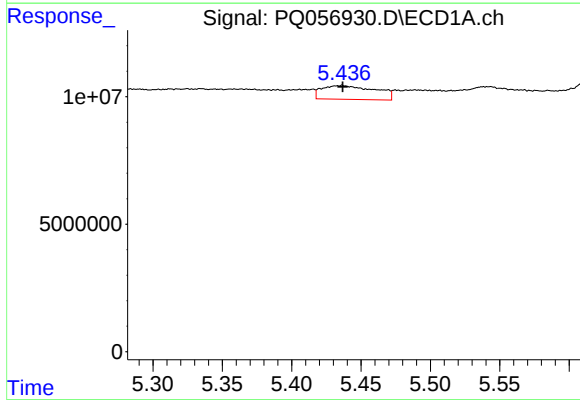
R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 717597
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



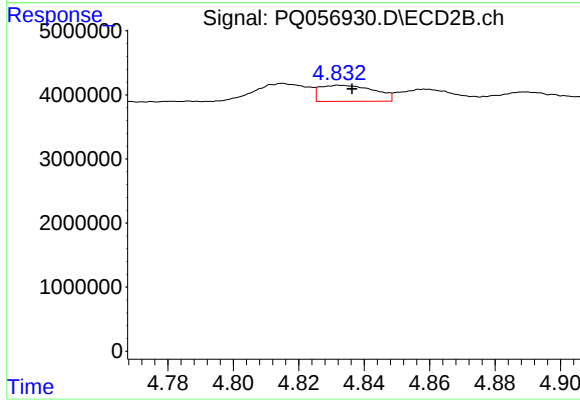
#11 AR-1232-1

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 1261189
Conc: 5.54 ng/ml



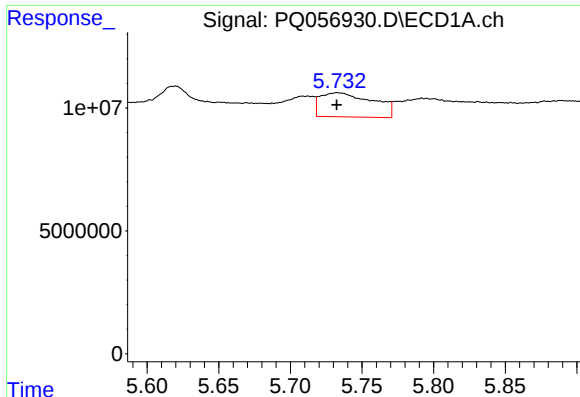
#12 AR-1232-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 14500041
Conc: 57.70 ng/ml



#12 AR-1232-2

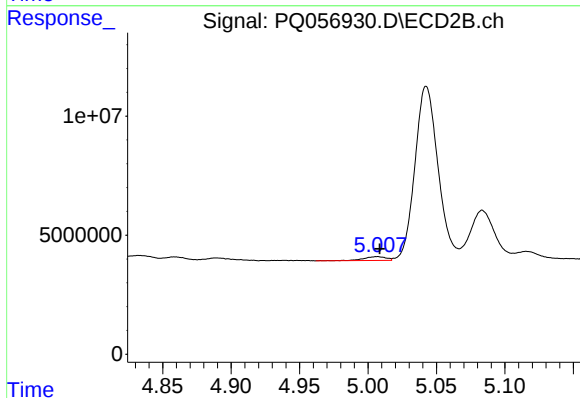
R.T.: 4.833 min
Delta R.T.: -0.004 min
Response: 2895278
Conc: 12.29 ng/ml



#13 AR-1232-3

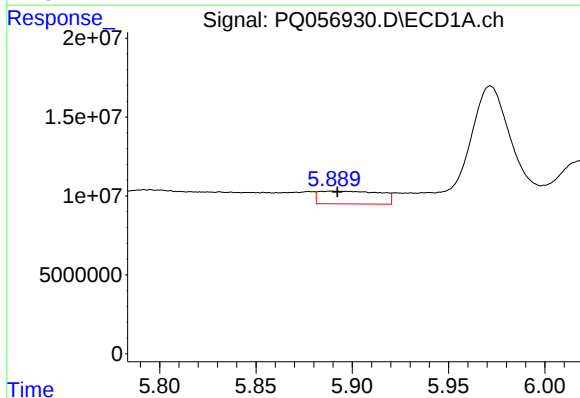
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 25230157
Conc: 70.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



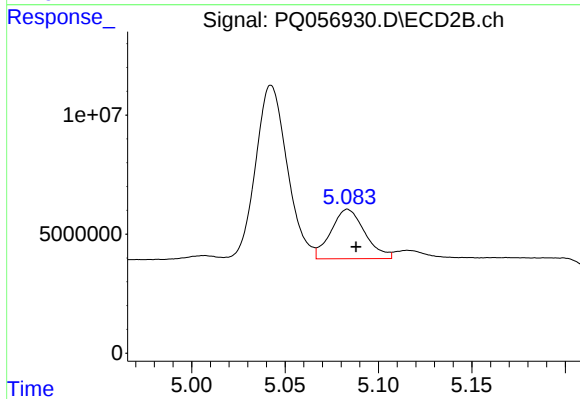
#13 AR-1232-3

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 1815569
Conc: 15.64 ng/ml



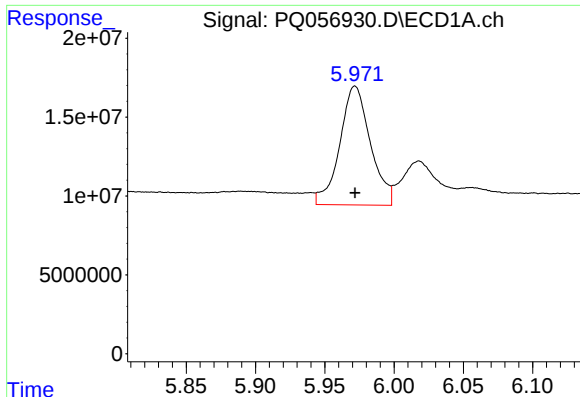
#14 AR-1232-4

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 17895797
Conc: 97.67 ng/ml



#14 AR-1232-4

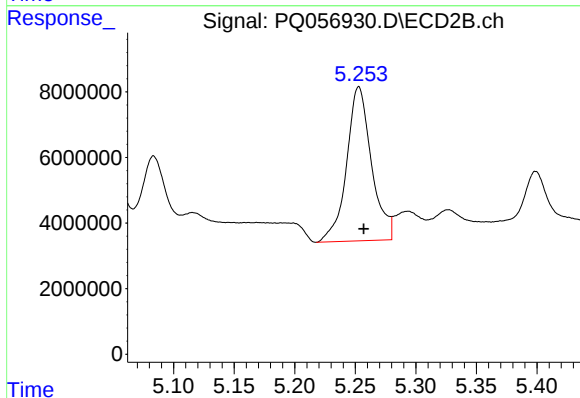
R.T.: 5.083 min
Delta R.T.: -0.004 min
Response: 26314919
Conc: 269.94 ng/ml



#15 AR-1232-5

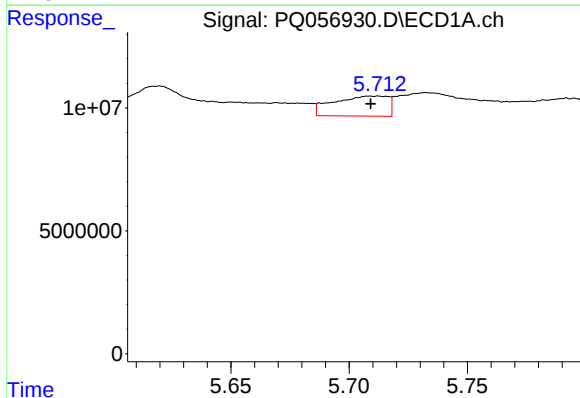
R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 116094517
Conc: 406.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



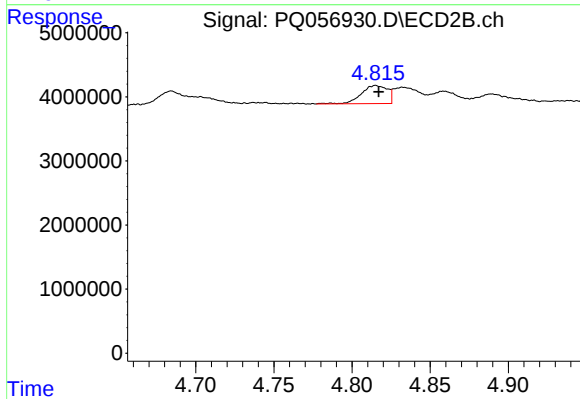
#15 AR-1232-5

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 67217119
Conc: 654.27 ng/ml



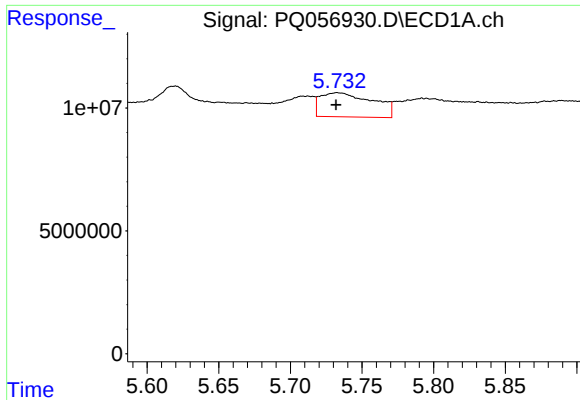
#16 AR-1242-1

R.T.: 5.712 min
Delta R.T.: 0.003 min
Response: 13171884
Conc: 33.83 ng/ml



#16 AR-1242-1

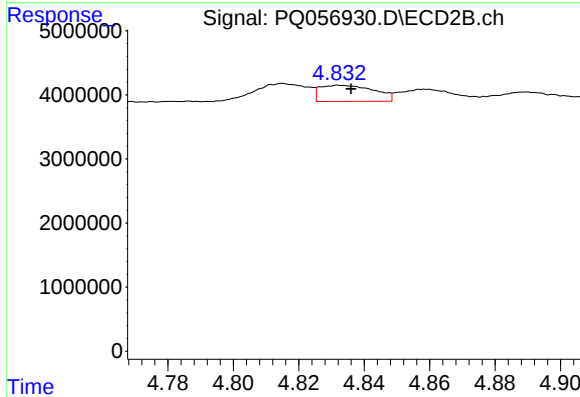
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 3274604
Conc: 11.50 ng/ml



#17 AR-1242-2

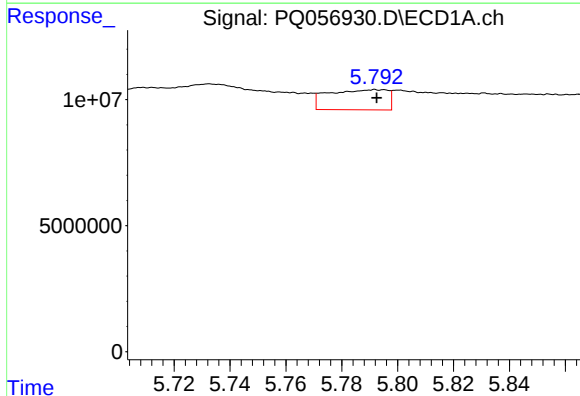
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 25230157
Conc: 32.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



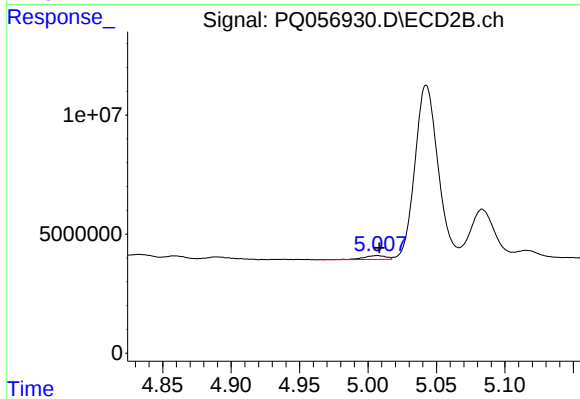
#17 AR-1242-2

R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 2895278
Conc: 5.73 ng/ml



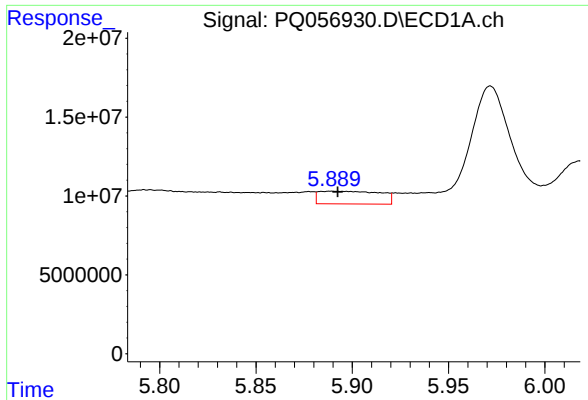
#18 AR-1242-3

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 11796289
Conc: 23.26 ng/ml



#18 AR-1242-3

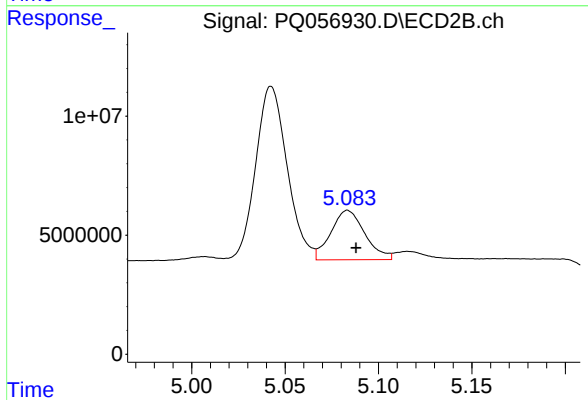
R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 1815569
Conc: 7.98 ng/ml



#19 AR-1242-4

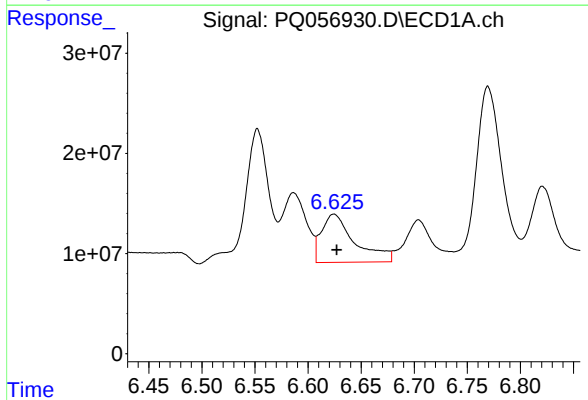
R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 17895797
Conc: 45.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



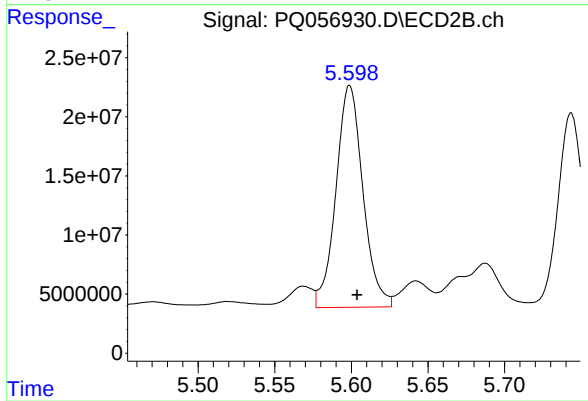
#19 AR-1242-4

R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 26314919
Conc: 115.09 ng/ml



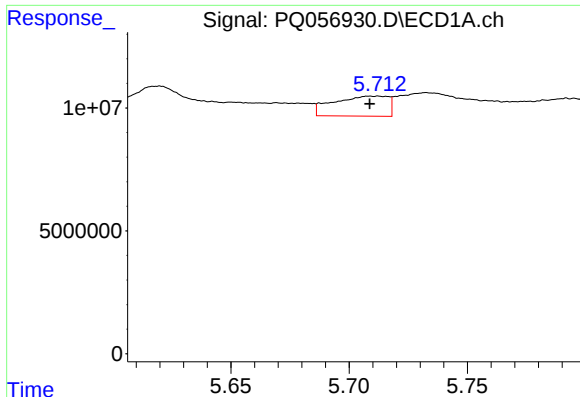
#20 AR-1242-5

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 104975367
Conc: 265.58 ng/ml



#20 AR-1242-5

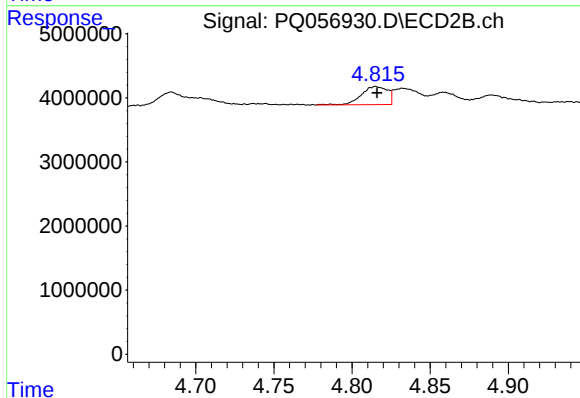
R.T.: 5.599 min
Delta R.T.: -0.005 min
Response: 229986570
Conc: 770.07 ng/ml



#21 AR-1248-1

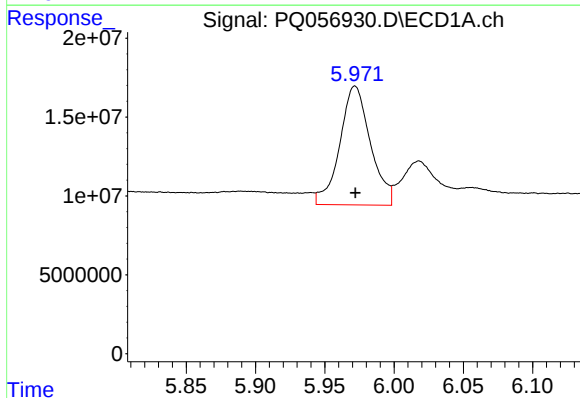
R.T.: 5.712 min
Delta R.T.: 0.004 min
Response: 13171884
Conc: 44.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



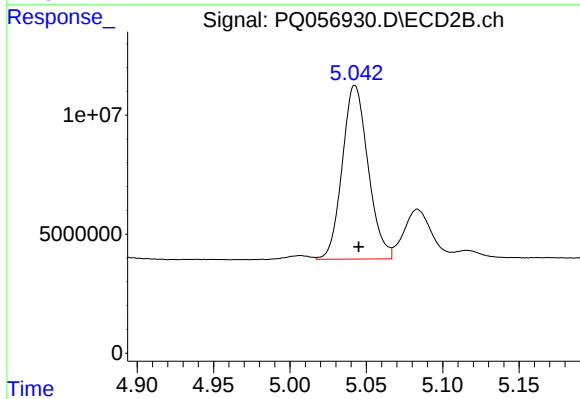
#21 AR-1248-1

R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 3274604
Conc: 14.67 ng/ml



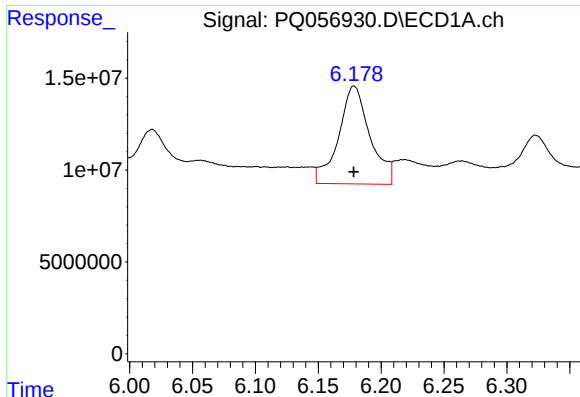
#22 AR-1248-2

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 116094517
Conc: 216.29 ng/ml



#22 AR-1248-2

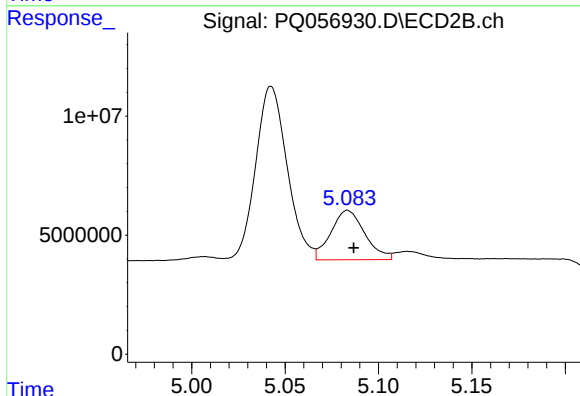
R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 85865373
Conc: 257.56 ng/ml



#23 AR-1248-3

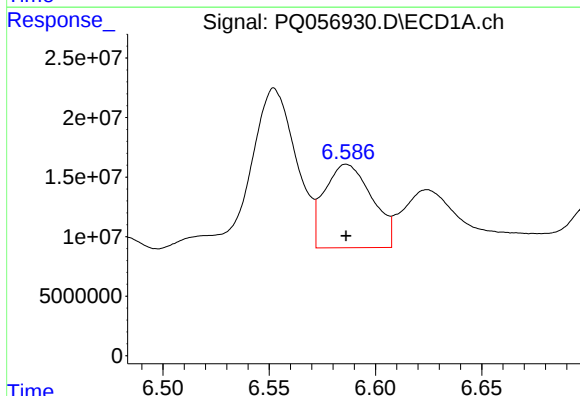
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 92849259
Conc: 147.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



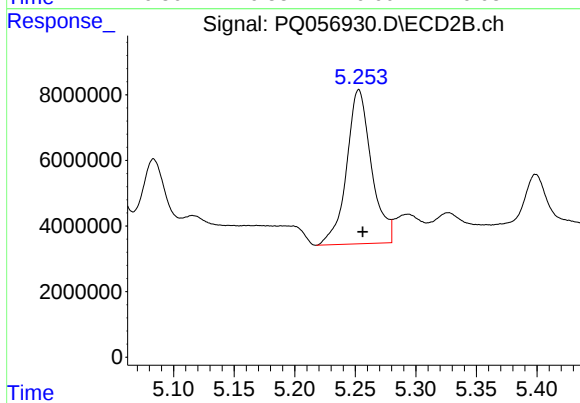
#23 AR-1248-3

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 26314919
Conc: 75.11 ng/ml



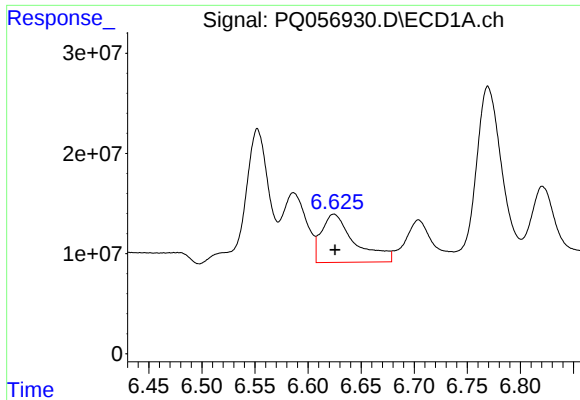
#24 AR-1248-4

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 109000354
Conc: 166.63 ng/ml



#24 AR-1248-4

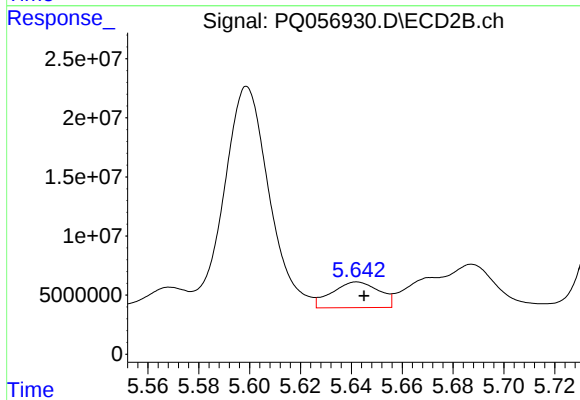
R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 67217119
Conc: 160.90 ng/ml



#25 AR-1248-5

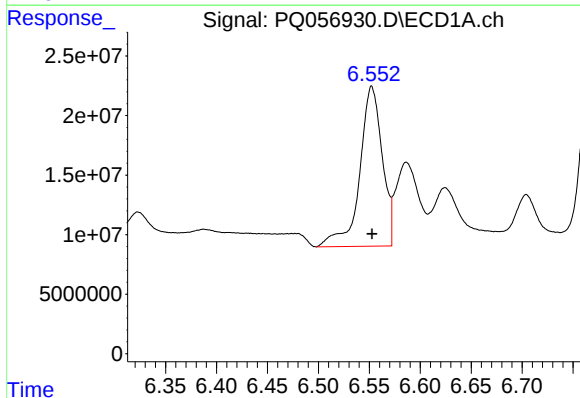
R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 104975367
Conc: 151.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



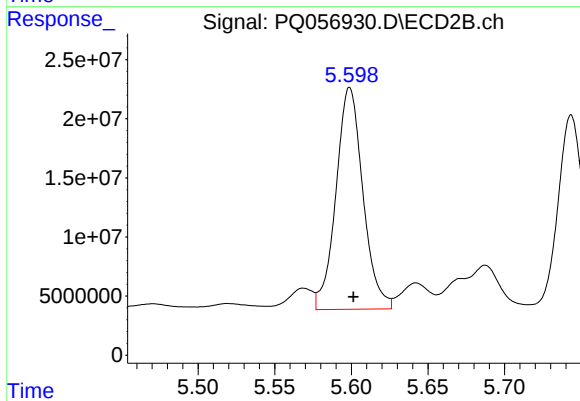
#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 28114054
Conc: 62.73 ng/ml



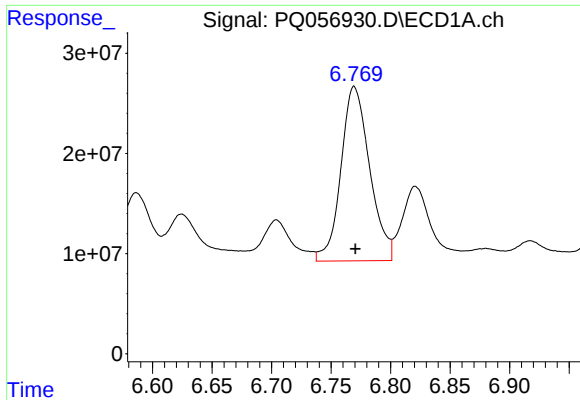
#26 AR-1254-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 207157011
Conc: 321.77 ng/ml



#26 AR-1254-1

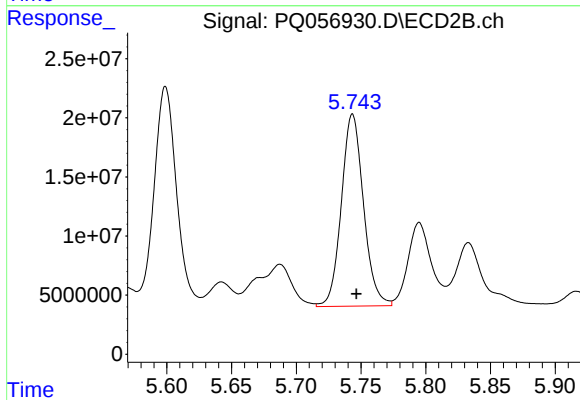
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 229986570
Conc: 344.89 ng/ml



#27 AR-1254-2

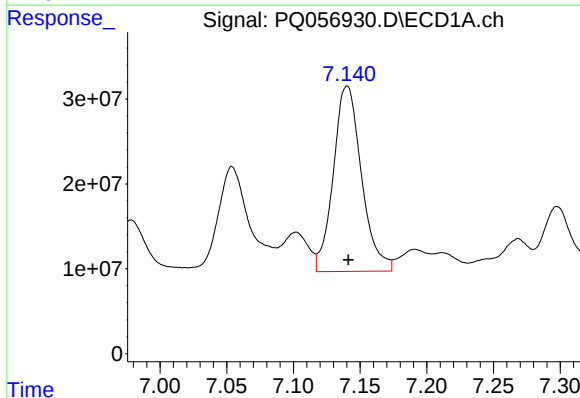
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 292774191
Conc: 293.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



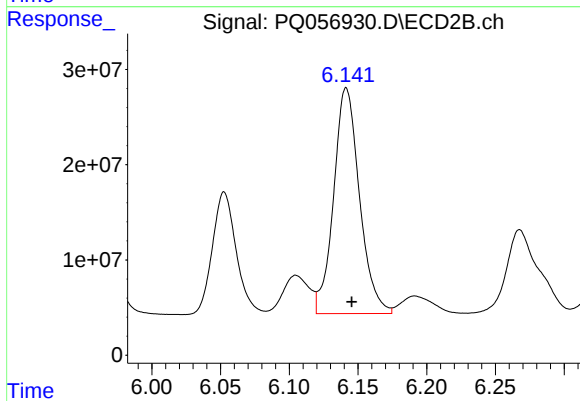
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: -0.003 min
Response: 193741799
Conc: 352.86 ng/ml



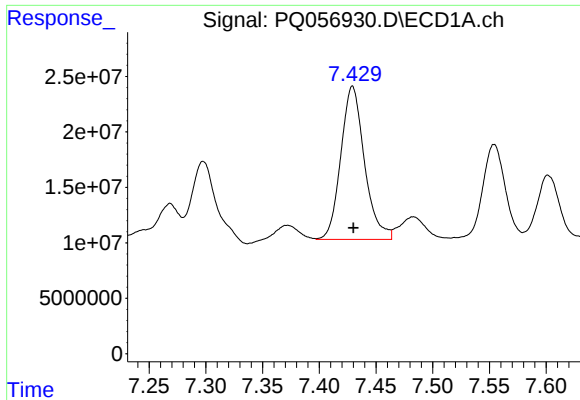
#28 AR-1254-3

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 321394877
Conc: 290.20 ng/ml



#28 AR-1254-3

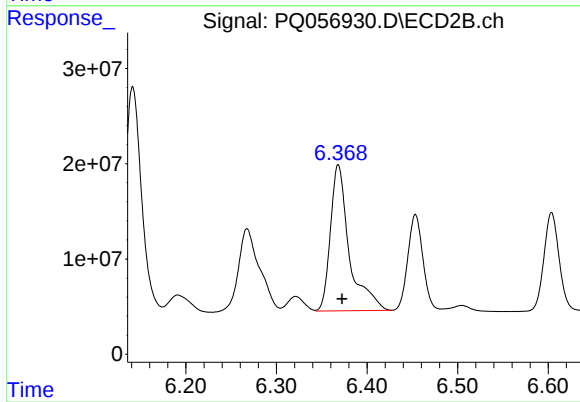
R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 310664241
Conc: 334.26 ng/ml



#29 AR-1254-4

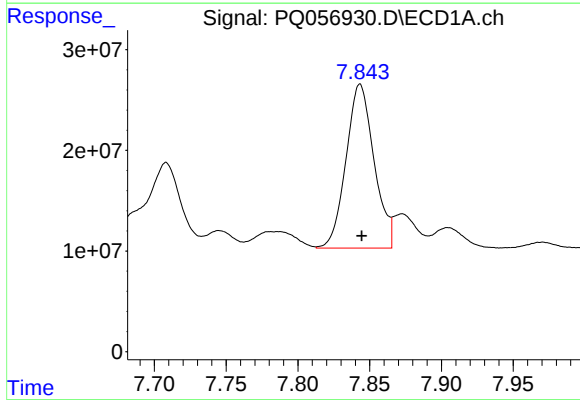
R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 200699948
Conc: 273.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



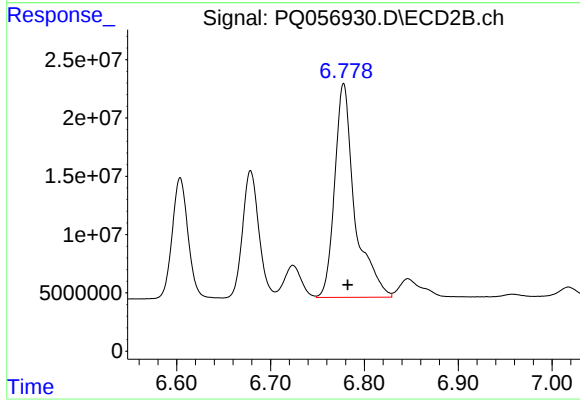
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 222231386
Conc: 328.61 ng/ml



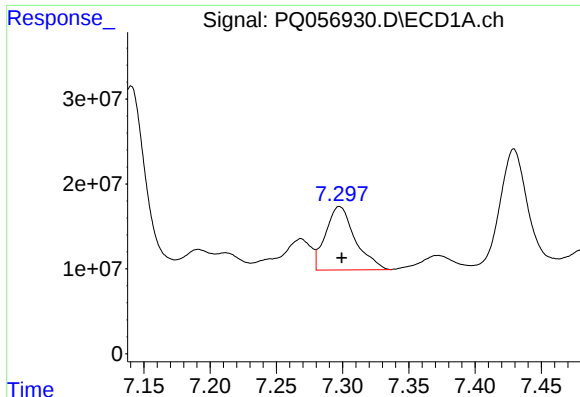
#30 AR-1254-5

R.T.: 7.843 min
Delta R.T.: -0.001 min
Response: 221270703
Conc: 261.59 ng/ml



#30 AR-1254-5

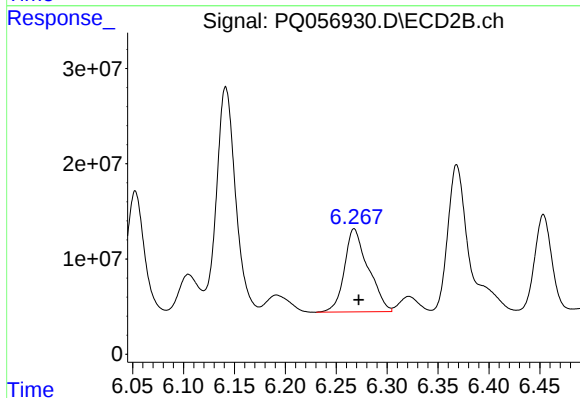
R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 272419169
Conc: 333.47 ng/ml



#31 AR-1260-1

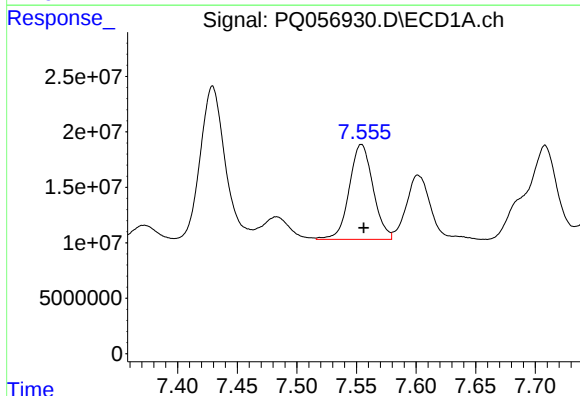
R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 116077110
Conc: 181.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



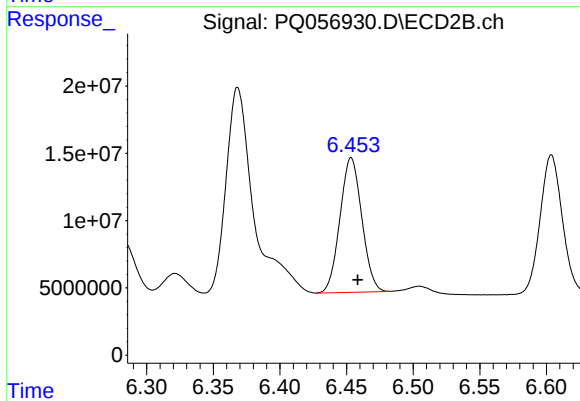
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 141923916
Conc: 259.82 ng/ml



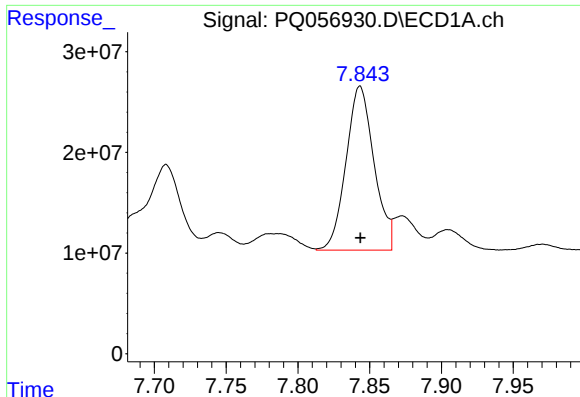
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 119322021
Conc: 161.90 ng/ml



#32 AR-1260-2

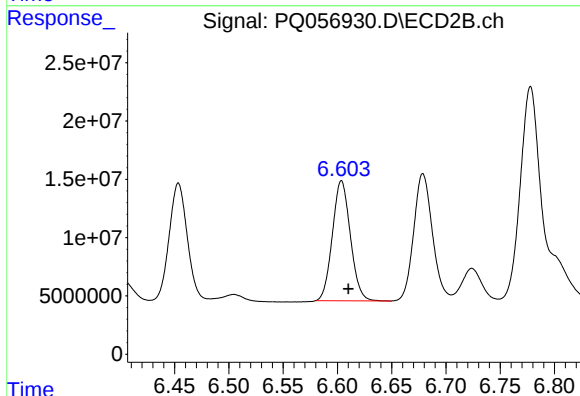
R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 113989982
Conc: 171.28 ng/ml



#33 AR-1260-3

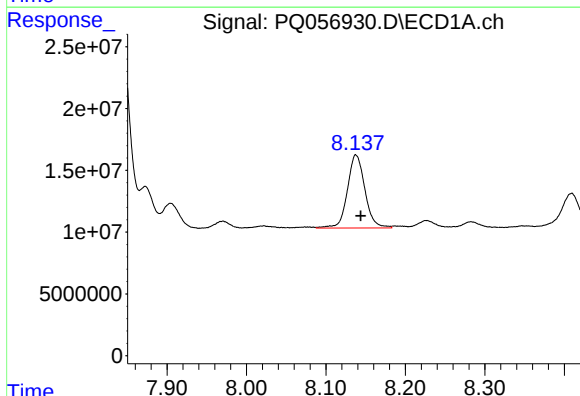
R.T.: 7.843 min
Delta R.T.: 0.000 min
Response: 221270703
Conc: 237.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



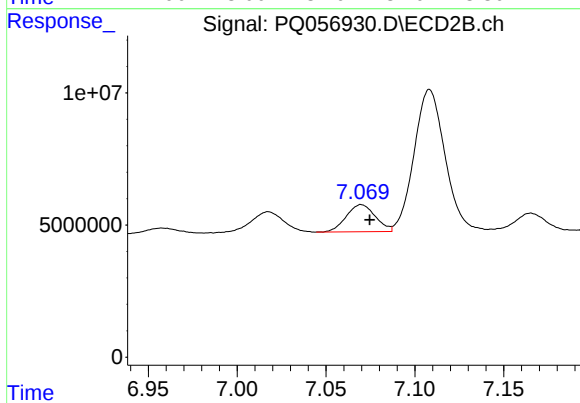
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 118516146
Conc: 191.53 ng/ml



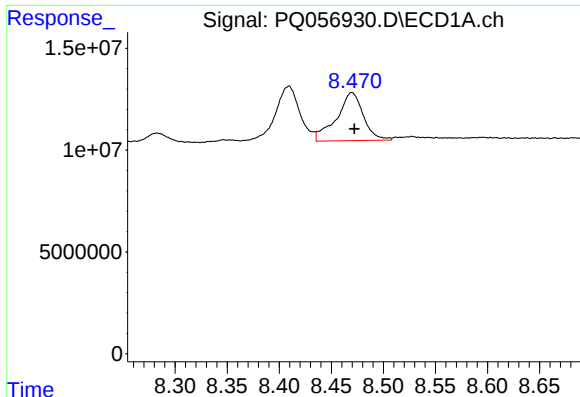
#34 AR-1260-4

R.T.: 8.138 min
Delta R.T.: -0.006 min
Response: 90509777
Conc: 131.09 ng/ml



#34 AR-1260-4

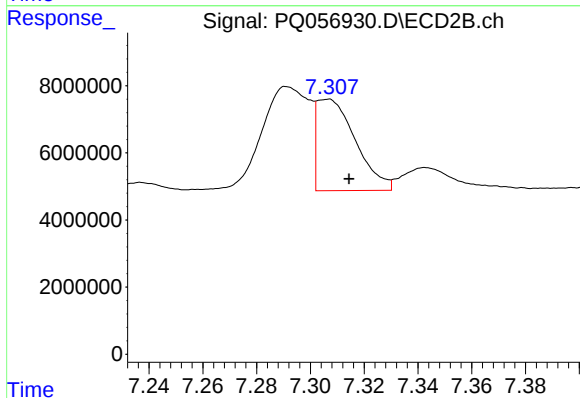
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 11731050
Conc: 22.19 ng/ml



#35 AR-1260-5

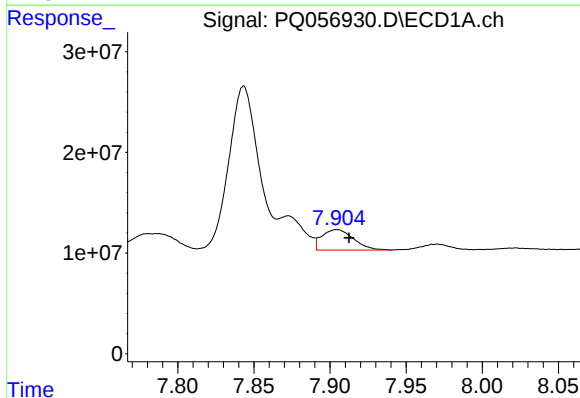
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 42473188
Conc: 30.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



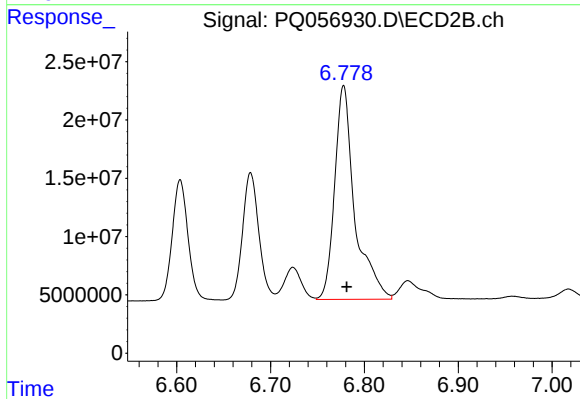
#35 AR-1260-5

R.T.: 7.306 min
Delta R.T.: -0.008 min
Response: 27331775
Conc: 20.88 ng/ml



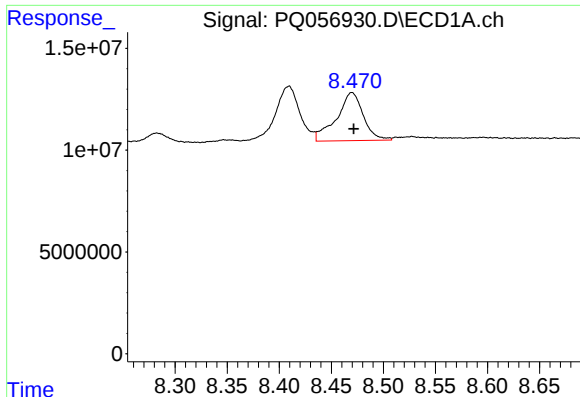
#36 AR-1262-1

R.T.: 7.905 min
Delta R.T.: -0.008 min
Response: 29279609
Conc: 29.21 ng/ml



#36 AR-1262-1

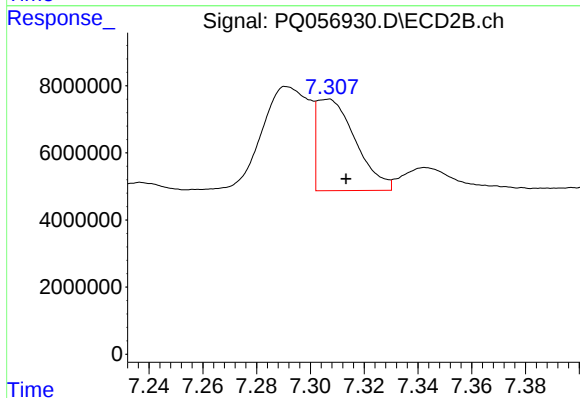
R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 272419169
Conc: 643.34 ng/ml



#37 AR-1262-2

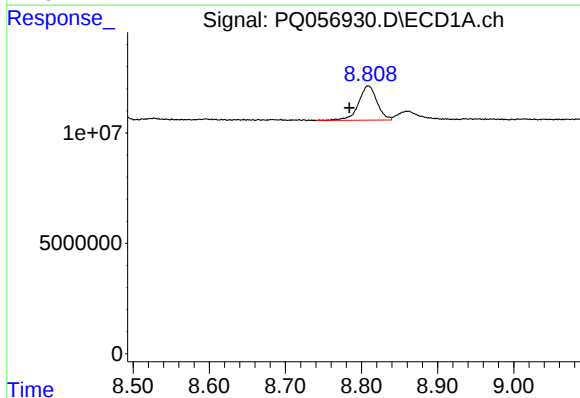
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 42473188
Conc: 23.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



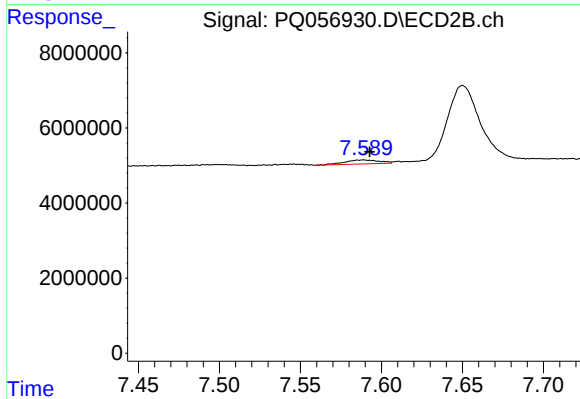
#37 AR-1262-2

R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 27331775
Conc: 17.12 ng/ml



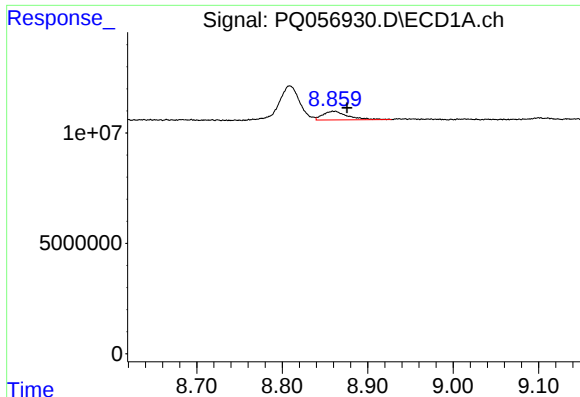
#38 AR-1262-3

R.T.: 8.809 min
Delta R.T.: 0.025 min
Response: 26020885
Conc: 32.24 ng/ml



#38 AR-1262-3

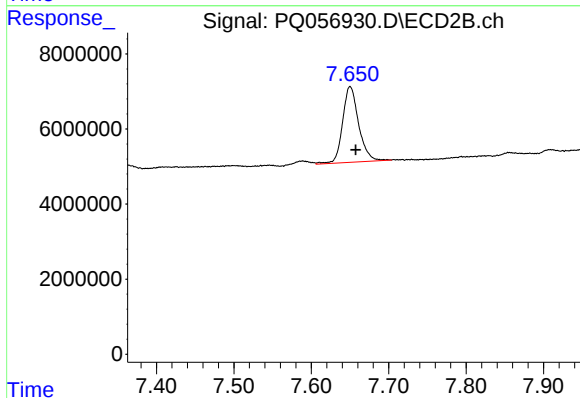
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 1597411
Conc: 2.49 ng/ml



#39 AR-1262-4

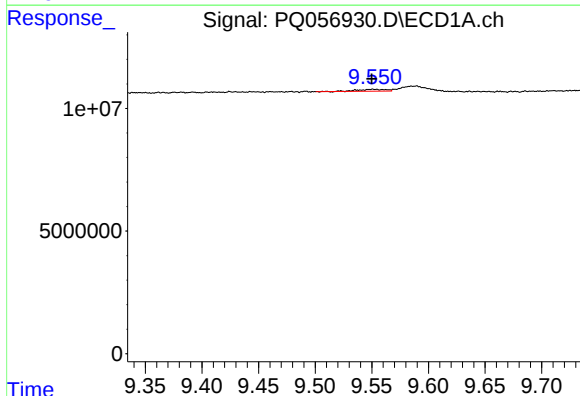
R.T.: 8.861 min
Delta R.T.: -0.015 min
Response: 7910093
Conc: 13.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



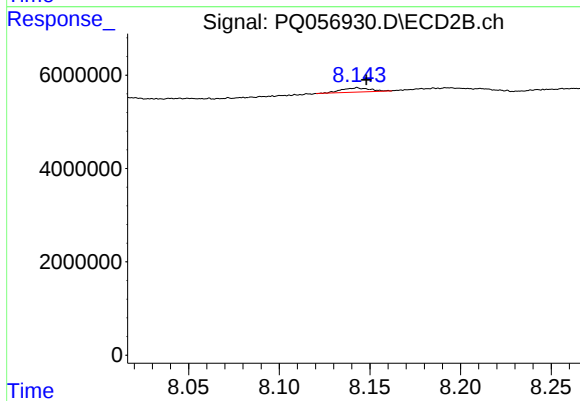
#39 AR-1262-4

R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 29075773
Conc: 24.64 ng/ml



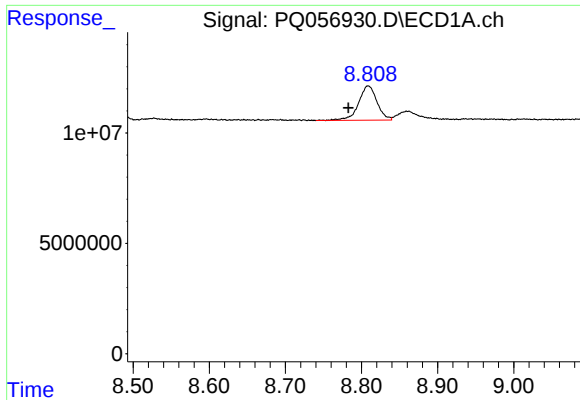
#40 AR-1262-5

R.T.: 9.551 min
Delta R.T.: 0.001 min
Response: 1215914
Conc: 1.81 ng/ml



#40 AR-1262-5

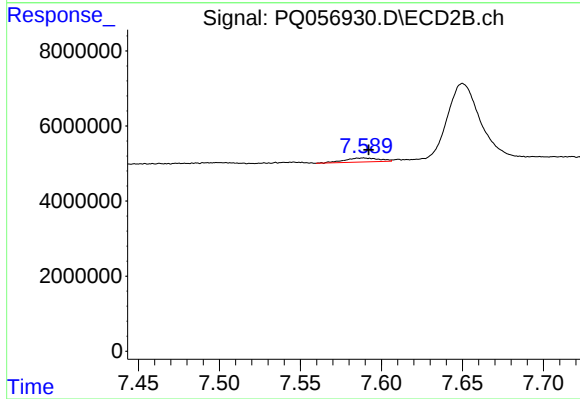
R.T.: 8.143 min
Delta R.T.: -0.005 min
Response: 988057
Conc: 1.97 ng/ml



#41 AR-1268-1

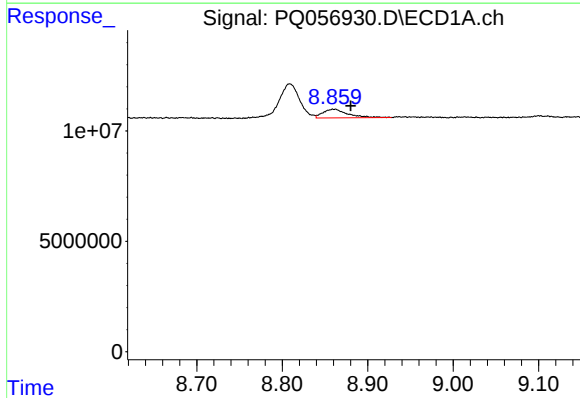
R.T.: 8.809 min
Delta R.T.: 0.026 min
Response: 26020885
Conc: 11.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



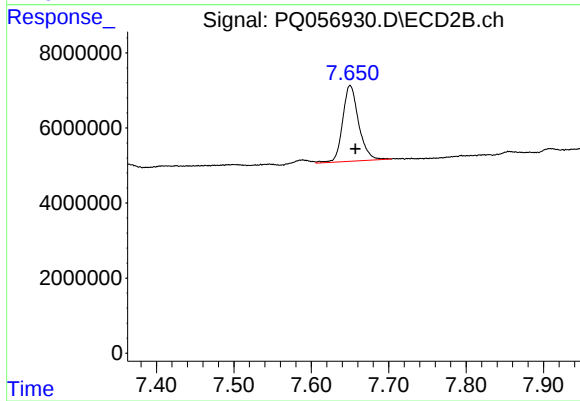
#41 AR-1268-1

R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 1597411
Conc: 0.87 ng/ml



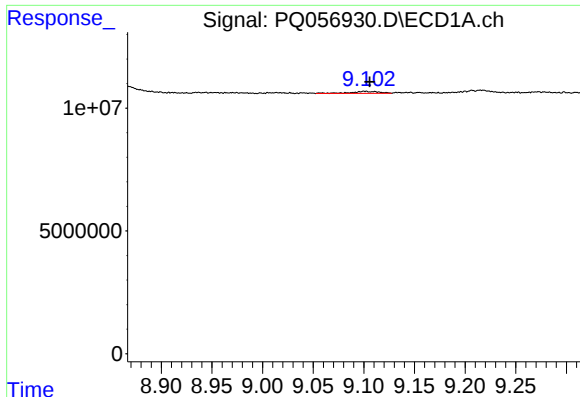
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: -0.019 min
Response: 7910093
Conc: 3.76 ng/ml



#42 AR-1268-2

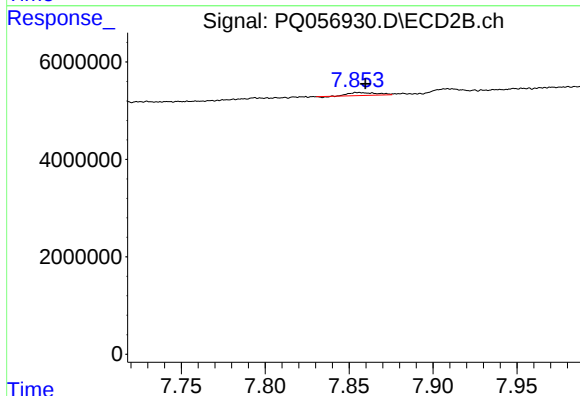
R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 29075773
Conc: 17.29 ng/ml



#43 AR-1268-3

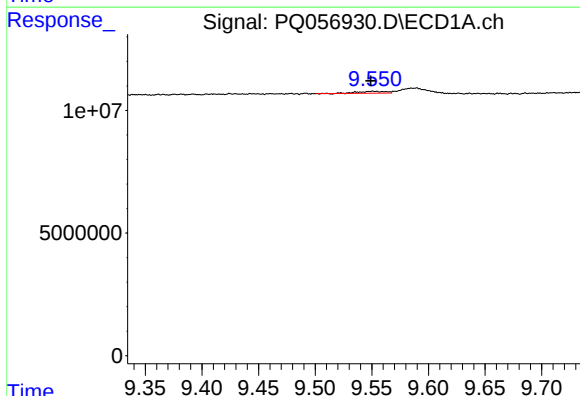
R.T.: 9.101 min
Delta R.T.: -0.005 min
Response: 1568506
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



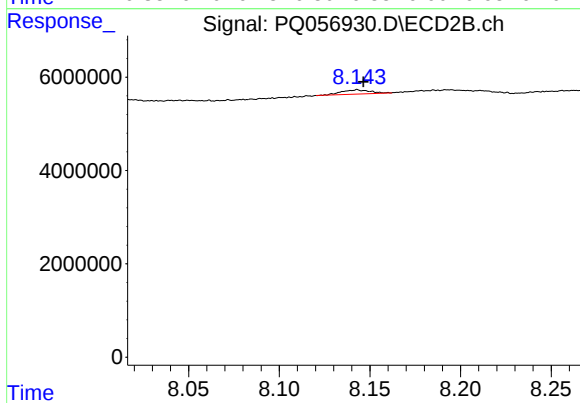
#43 AR-1268-3

R.T.: 7.856 min
Delta R.T.: -0.004 min
Response: 671457
Conc: 0.52 ng/ml



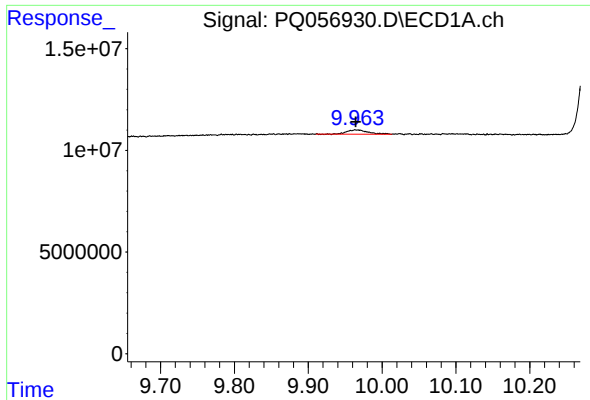
#44 AR-1268-4

R.T.: 9.551 min
Delta R.T.: 0.002 min
Response: 1215914
Conc: 1.69 ng/ml



#44 AR-1268-4

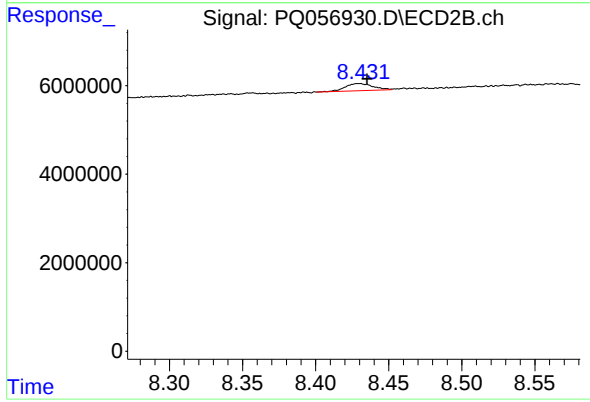
R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 988057
Conc: 1.79 ng/ml



#45 AR-1268-5

R.T.: 9.964 min
Delta R.T.: 0.000 min
Response: 4277853
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: -0.006 min
Response: 2110812
Conc: 0.47 ng/ml