

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 23:51
 Operator : YP\AJ
 Sample : AR1254ICC800
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:16:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 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...	4.687	4.049	345.8E6	272.7E6	49.151	48.789
2)	SA Decachlor...	10.599	9.174	503.4E6	298.2E6	89.983	90.054
Target Compounds							
3)	L1 AR-1016-1	5.870	5.148	4533618	3576858	29.988	22.913
4)	L1 AR-1016-2	5.897	5.168	6357093	2946425	24.420	13.134 #
5)	L1 AR-1016-3	5.954	5.350	3930446	1565151	24.341	14.165 #
6)	L1 AR-1016-4	6.052	5.386	3140446	94874403	23.325	996.894 #
7)	L1 AR-1016-5	6.349	5.604	55308671	53531143	471.434	458.174
8)	L2 AR-1221-1	4.903	4.265	1282925	376809	16.392	6.348 #
9)	L2 AR-1221-2	5.000	4.356	6396669	3317424	116.641	80.975 #
10)	L2 AR-1221-3	5.067	4.429	2065243	1373126	11.805	9.508
11)	L3 AR-1232-1	5.067	4.429	2065243	1373126	13.044	10.414
12)	L3 AR-1232-2	5.599	5.168	1751531	2946425	22.844	25.147
13)	L3 AR-1232-3	5.897	5.350	6357093	1565151	45.230	28.528 #
14)	L3 AR-1232-4	6.052	5.428	3140446	26589547	44.303	505.518 #
15)	L3 AR-1232-5	6.141	5.604	84489037	53531143	1867.642	939.265 #
16)	L4 AR-1242-1	5.870	5.148	4533618	3576858	32.885	25.802
17)	L4 AR-1242-2	5.897	5.168	6357093	2946425	26.445	14.734 #
18)	L4 AR-1242-3	5.954	5.350	3930446	1565151	24.746	15.844 #
19)	L4 AR-1242-4	6.052	5.428	3140446	26589547	23.875	261.612 #
20)	L4 AR-1242-5	6.796	5.958	49017186	225.5E6	430.081	1931.649 #
21)	L5 AR-1248-1	5.870	5.148	4533618	3576858	38.575	30.901
22)	L5 AR-1248-2	6.141	5.386	84489037	94874403	501.849	568.941
23)	L5 AR-1248-3	6.349	5.428	55308671	26589547	273.613	153.906 #
24)	L5 AR-1248-4	6.754	5.604	72403861	53531143	365.404	269.904 #
25)	L5 AR-1248-5	6.796	5.999	49017186	22720232	231.821	128.019 #
26)	L6 AR-1254-1	6.726	5.958	148.7E6	225.5E6	714.024	745.723
27)	L6 AR-1254-2	6.944	6.103	224.5E6	191.1E6	721.116	735.252
28)	L6 AR-1254-3	7.314	6.512	258.7E6	301.3E6	721.652	752.294
29)	L6 AR-1254-4	7.602	6.738	158.6E6	193.6E6	730.570	755.880
30)	L6 AR-1254-5	8.020	7.158	183.5E6	232.1E6	704.929	760.965
31)	L7 AR-1260-1	7.475	6.641	94092266	136.5E6	534.316	681.744 #
32)	L7 AR-1260-2	7.731	6.826	93973067	107.7E6	448.731	462.815
33)	L7 AR-1260-3	8.020	6.984	183.5E6	107.4E6	693.856	502.072 #
34)	L7 AR-1260-4	8.324	7.457	74612084	10073338	366.770	56.995 #
35)	L7 AR-1260-5	8.669	7.692	27407149	21968335	62.181	55.228
36)	L8 AR-1262-1	8.083	7.158	23588901	232.1E6	72.347	1439.600 #
37)	L8 AR-1262-2	8.669	7.692	27407149	21968335	42.835	39.319
38)	L8 AR-1262-3	9.022	7.981	21545448	839406	61.618	3.854 #
39)	L8 AR-1262-4	9.073	8.043	7134318	21436941	22.818	53.728 #
40)	L8 AR-1262-5	9.807	8.568	1364899	722264	5.383	4.554
41)	L9 AR-1268-1	9.022	7.981	21545448	839406	20.776	1.080 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 23:51
 Operator : YP\AJ
 Sample : AR1254ICC800
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

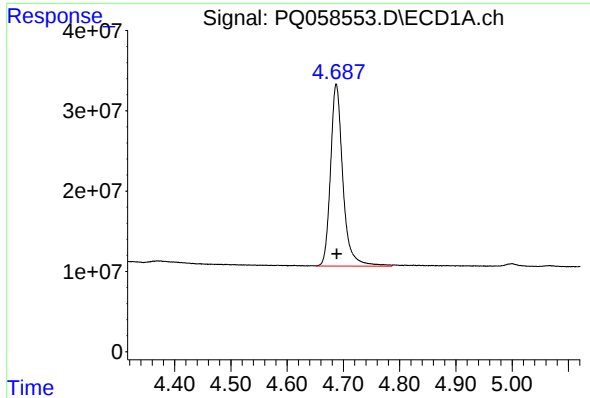
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:16:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 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	9.073	8.043	7134318	21436941	6.569	30.352 #
43) L9	AR-1268-3	9.337	8.259	1152426	630518	1.168	1.028
44) L9	AR-1268-4	9.807	8.568	1364899	722264	4.114	3.393
45) L9	AR-1268-5	10.240	8.889	3900496	1474730	1.295	0.801 #

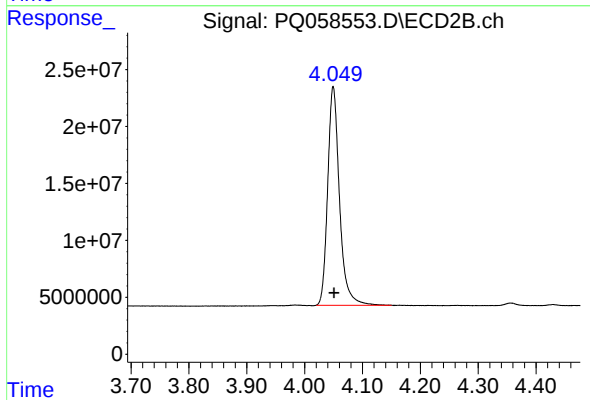
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

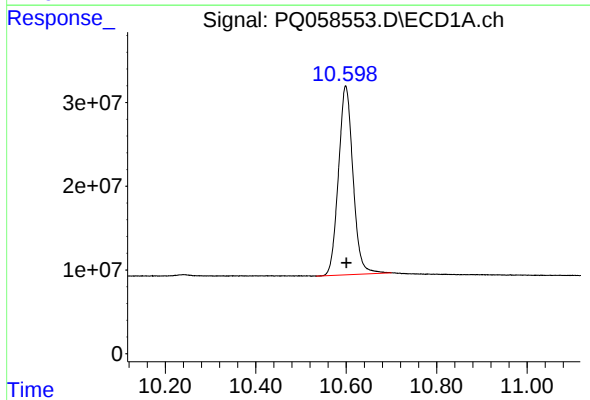
R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 345829130
Conc: 49.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



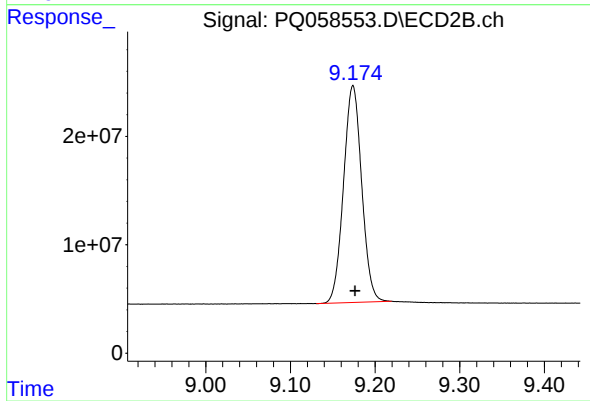
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 272747639
Conc: 48.79 ng/ml



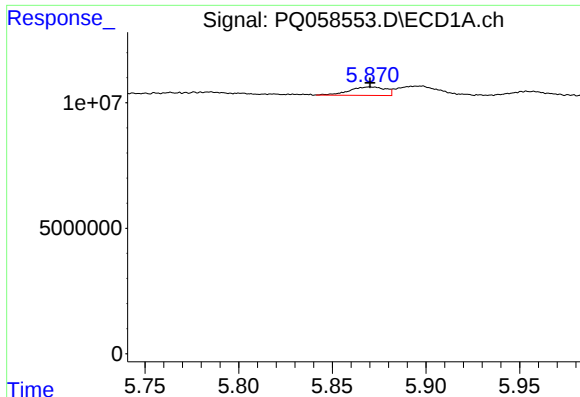
#2 Decachlorobiphenyl

R.T.: 10.599 min
Delta R.T.: -0.001 min
Response: 503379966
Conc: 89.98 ng/ml



#2 Decachlorobiphenyl

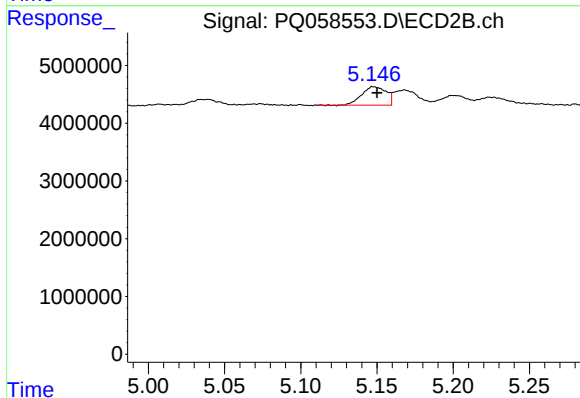
R.T.: 9.174 min
Delta R.T.: -0.003 min
Response: 298183146
Conc: 90.05 ng/ml



#3 AR-1016-1

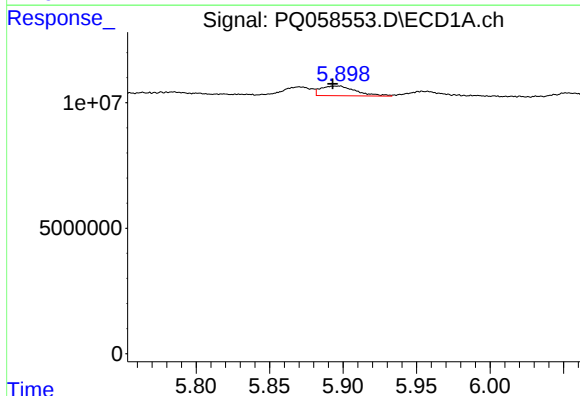
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 4533618
Conc: 29.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



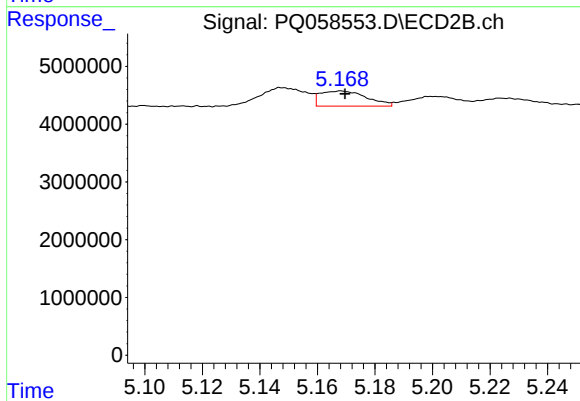
#3 AR-1016-1

R.T.: 5.148 min
Delta R.T.: -0.002 min
Response: 3576858
Conc: 22.91 ng/ml



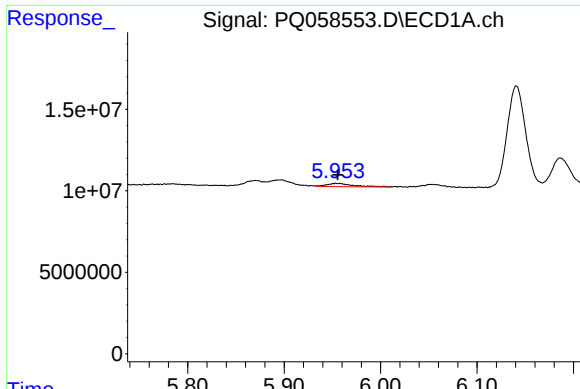
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: 0.004 min
Response: 6357093
Conc: 24.42 ng/ml



#4 AR-1016-2

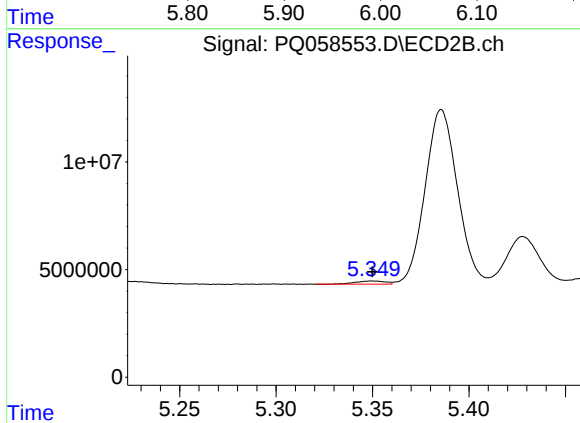
R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 2946425
Conc: 13.13 ng/ml



#5 AR-1016-3

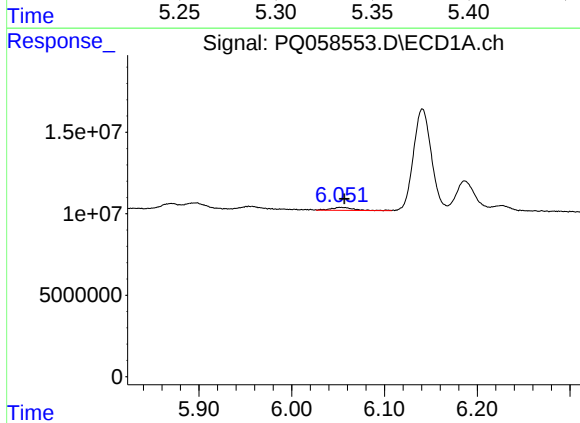
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 3930446
Conc: 24.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



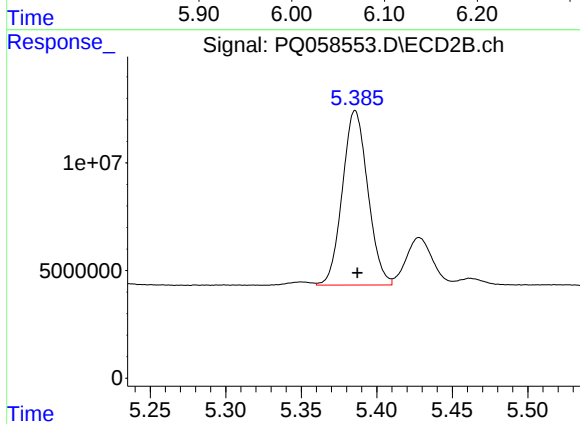
#5 AR-1016-3

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 1565151
Conc: 14.17 ng/ml



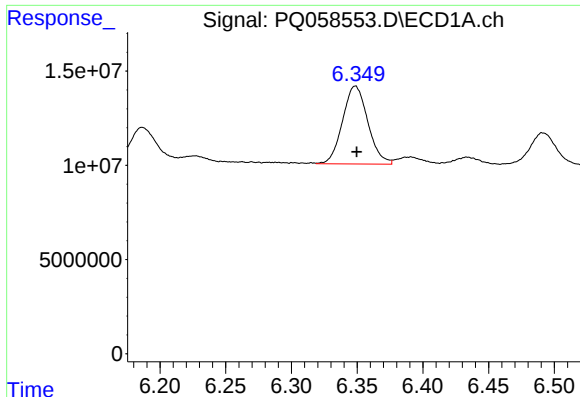
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 3140446
Conc: 23.32 ng/ml



#6 AR-1016-4

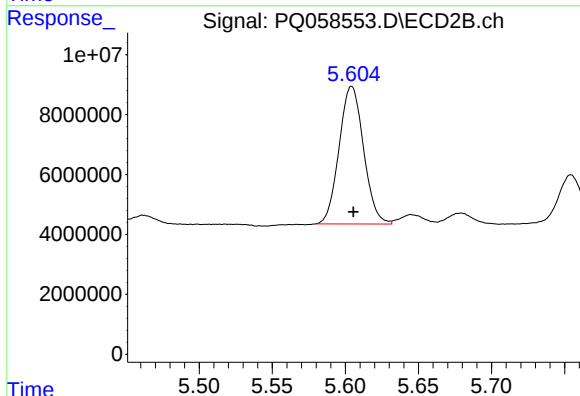
R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 94874403
Conc: 996.89 ng/ml



#7 AR-1016-5

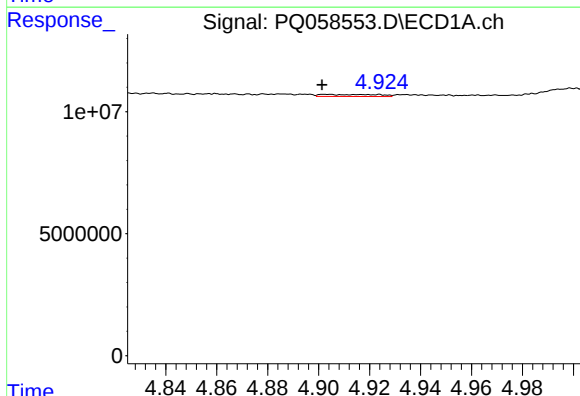
R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 55308671
Conc: 471.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



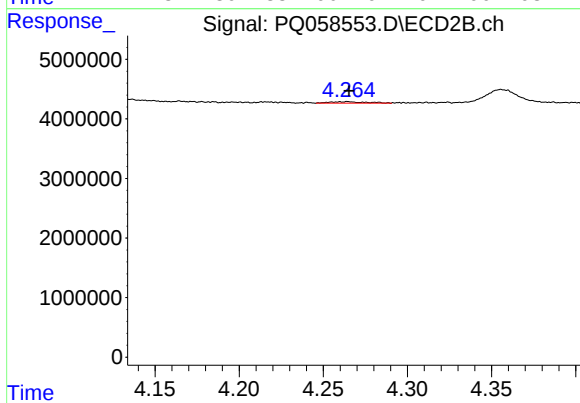
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 53531143
Conc: 458.17 ng/ml



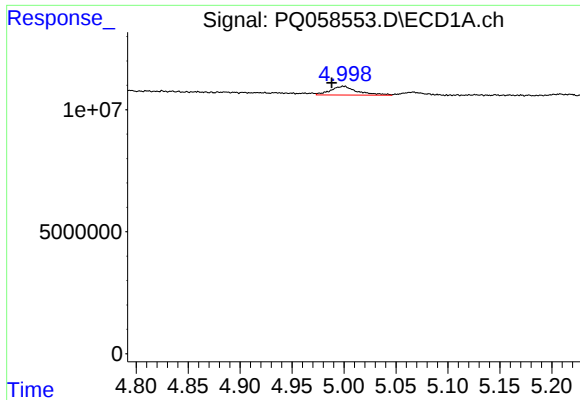
#8 AR-1221-1

R.T.: 4.903 min
Delta R.T.: 0.002 min
Response: 1282925
Conc: 16.39 ng/ml



#8 AR-1221-1

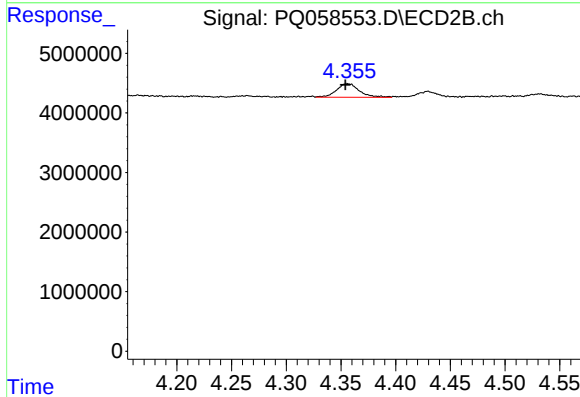
R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 376809
Conc: 6.35 ng/ml



#9 AR-1221-2

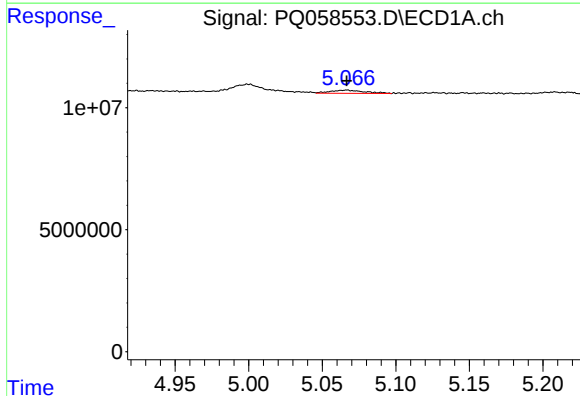
R.T.: 5.000 min
Delta R.T.: 0.012 min
Response: 6396669
Conc: 116.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



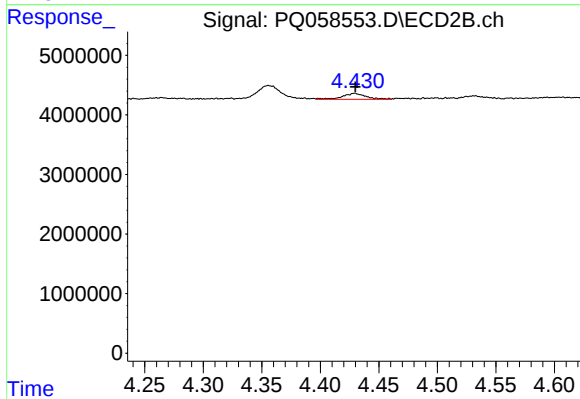
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3317424
Conc: 80.97 ng/ml



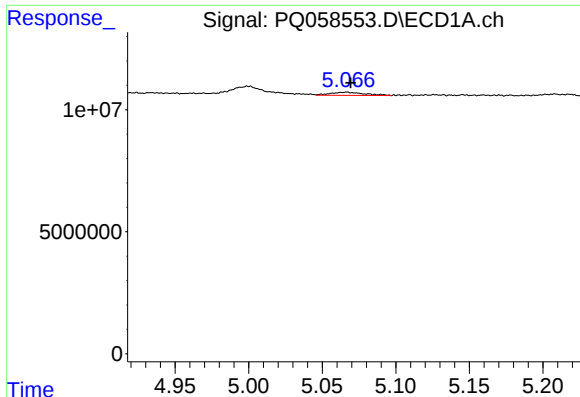
#10 AR-1221-3

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 2065243
Conc: 11.80 ng/ml



#10 AR-1221-3

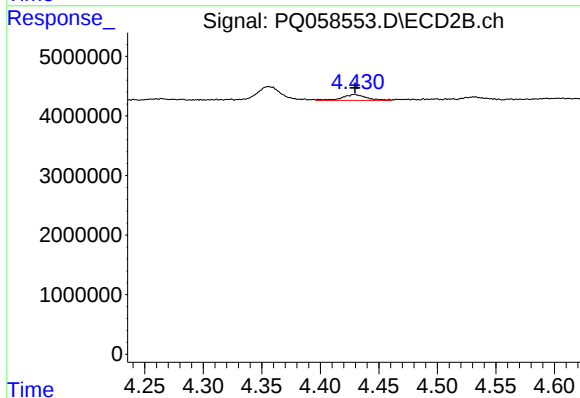
R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 1373126
Conc: 9.51 ng/ml



#11 AR-1232-1

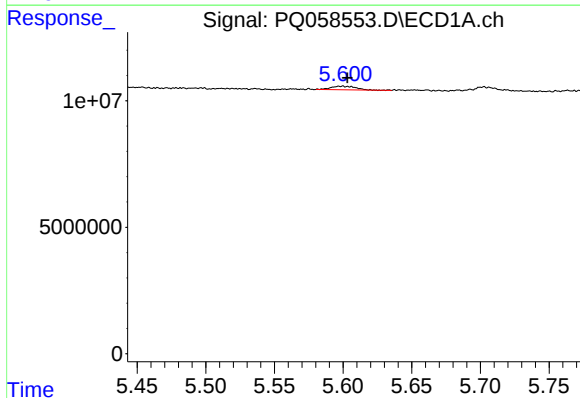
R.T.: 5.067 min
Delta R.T.: -0.003 min
Response: 2065243
Conc: 13.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



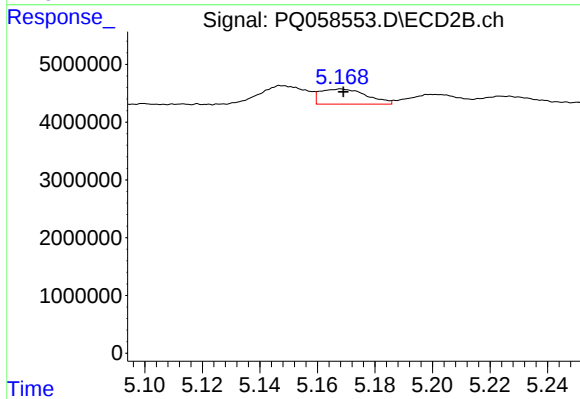
#11 AR-1232-1

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 1373126
Conc: 10.41 ng/ml



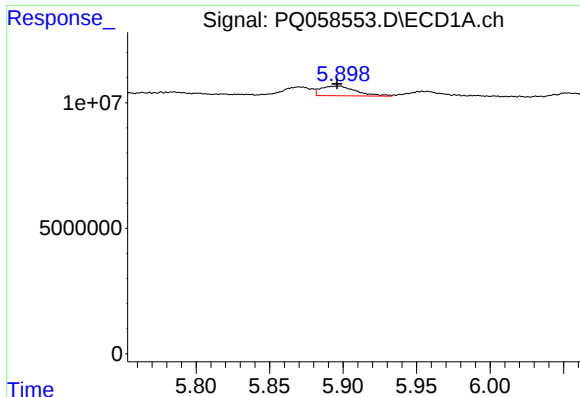
#12 AR-1232-2

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 1751531
Conc: 22.84 ng/ml



#12 AR-1232-2

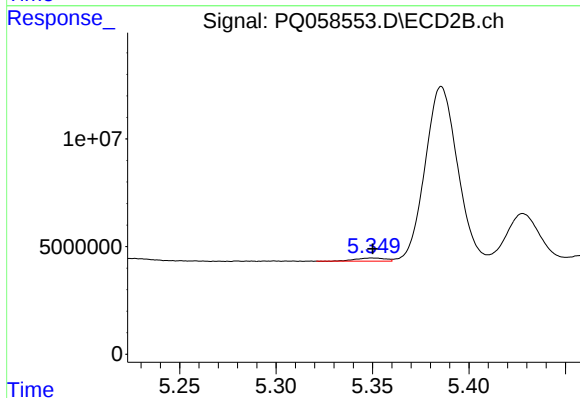
R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 2946425
Conc: 25.15 ng/ml



#13 AR-1232-3

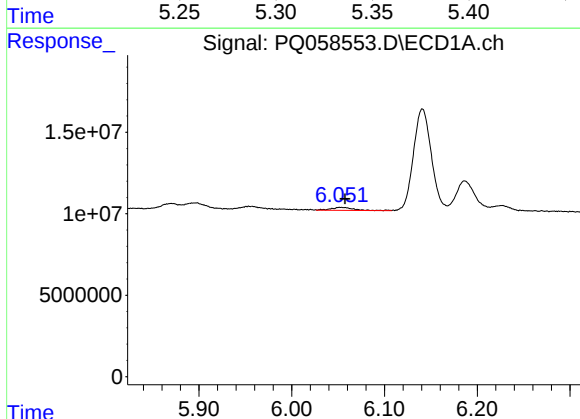
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 6357093
Conc: 45.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



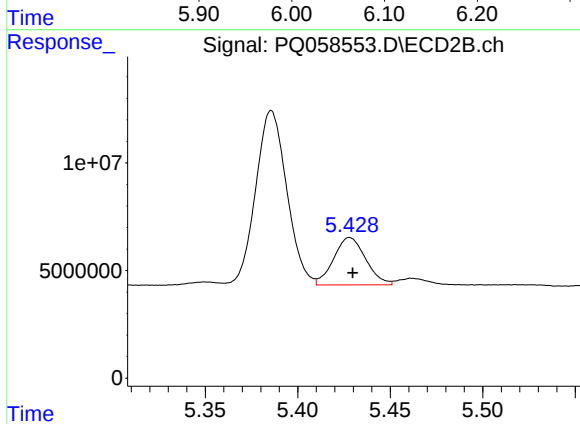
#13 AR-1232-3

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 1565151
Conc: 28.53 ng/ml



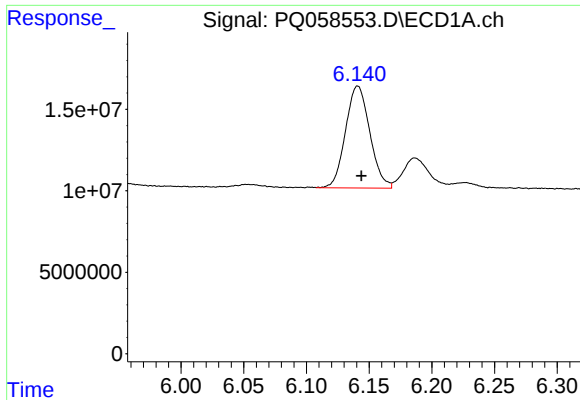
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 3140446
Conc: 44.30 ng/ml



#14 AR-1232-4

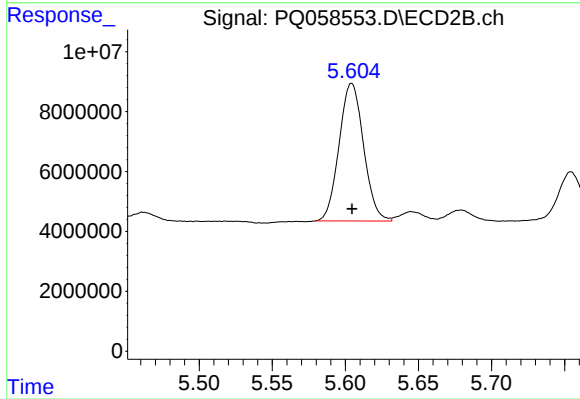
R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 26589547
Conc: 505.52 ng/ml



#15 AR-1232-5

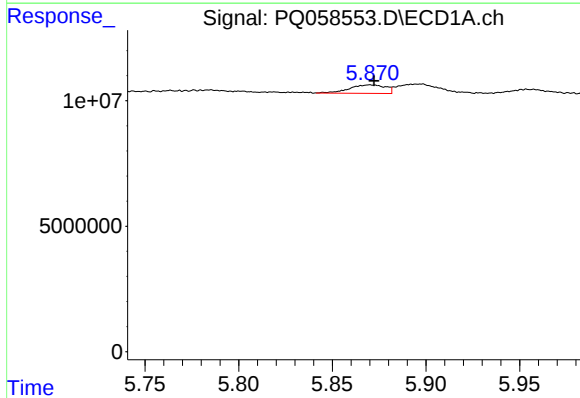
R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 84489037
Conc: 1867.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



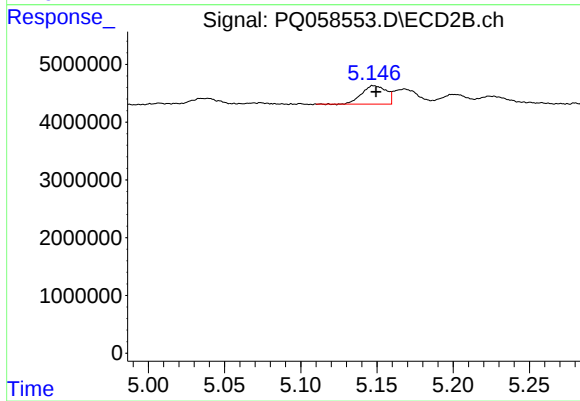
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 53531143
Conc: 939.27 ng/ml



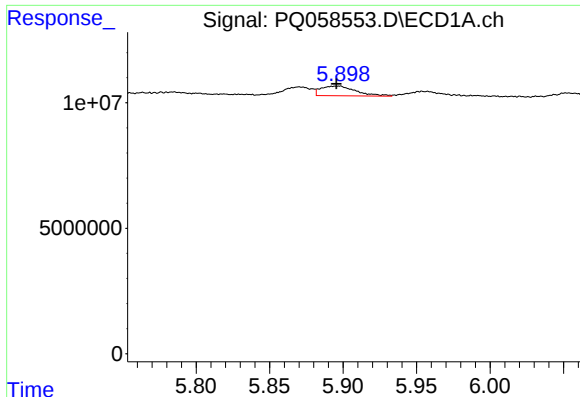
#16 AR-1242-1

R.T.: 5.870 min
Delta R.T.: -0.002 min
Response: 4533618
Conc: 32.89 ng/ml



#16 AR-1242-1

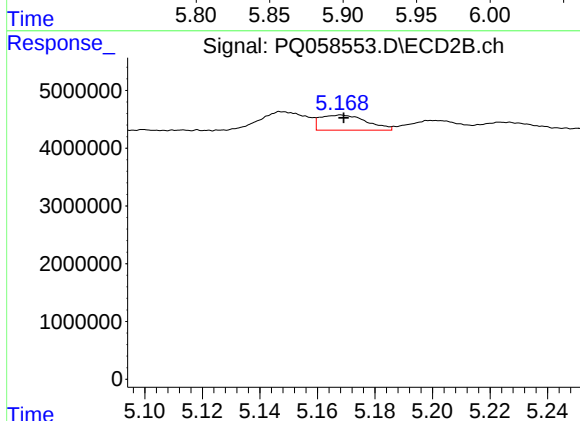
R.T.: 5.148 min
Delta R.T.: -0.001 min
Response: 3576858
Conc: 25.80 ng/ml



#17 AR-1242-2

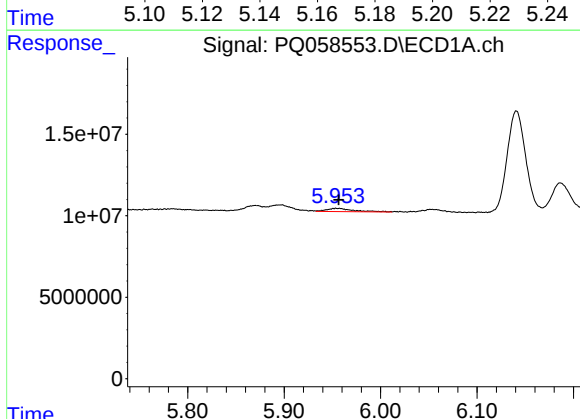
R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 6357093
Conc: 26.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



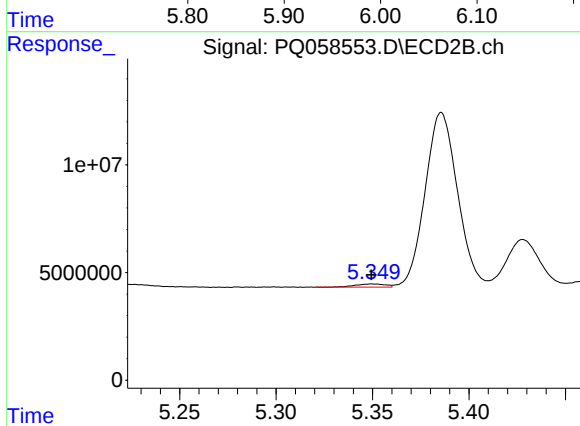
#17 AR-1242-2

R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 2946425
Conc: 14.73 ng/ml



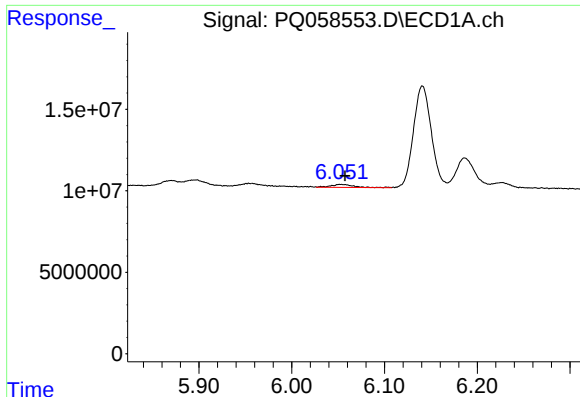
#18 AR-1242-3

R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 3930446
Conc: 24.75 ng/ml



#18 AR-1242-3

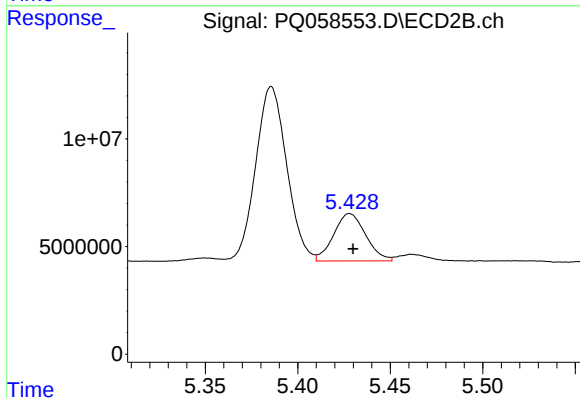
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 1565151
Conc: 15.84 ng/ml



#19 AR-1242-4

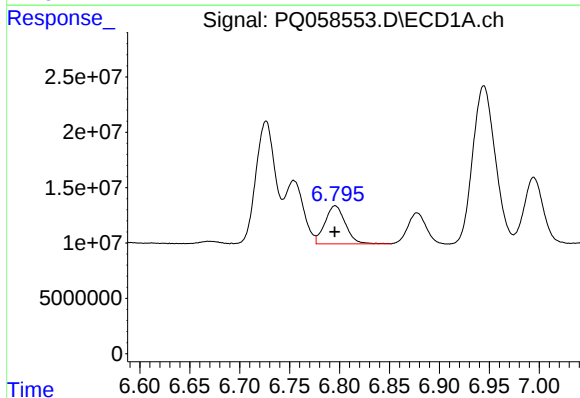
R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 3140446
Conc: 23.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



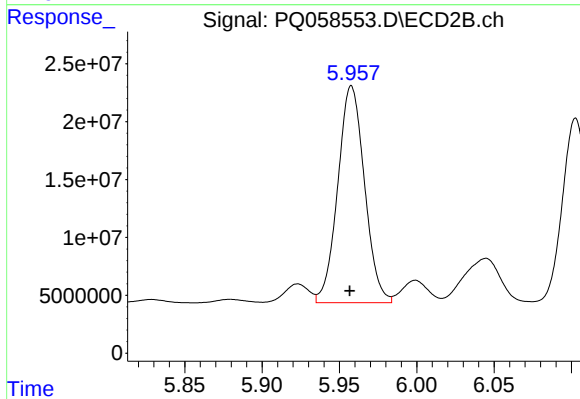
#19 AR-1242-4

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 26589547
Conc: 261.61 ng/ml



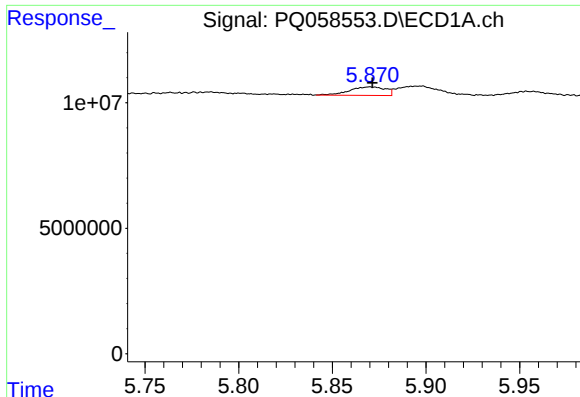
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 49017186
Conc: 430.08 ng/ml



#20 AR-1242-5

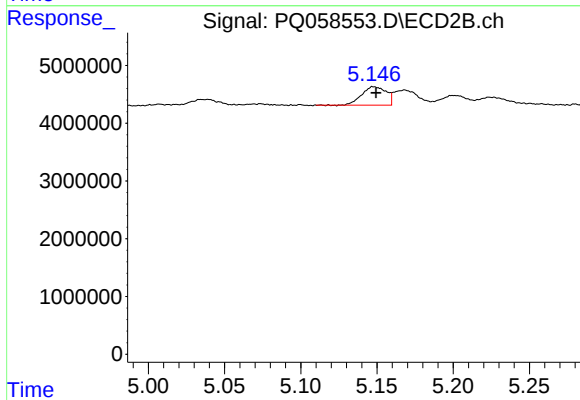
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 225473279
Conc: 1931.65 ng/ml



#21 AR-1248-1

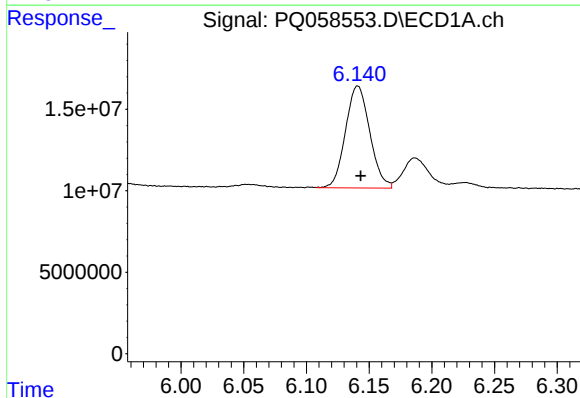
R.T.: 5.870 min
Delta R.T.: -0.001 min
Response: 4533618
Conc: 38.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



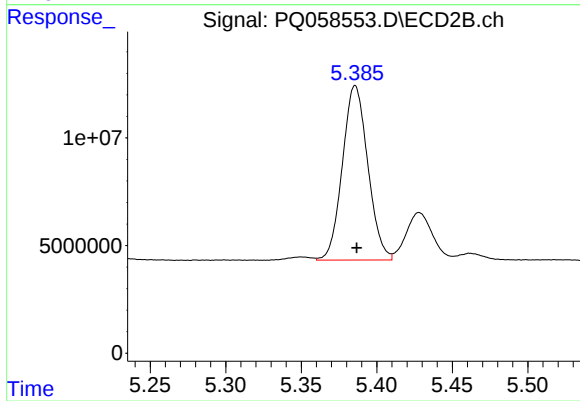
#21 AR-1248-1

R.T.: 5.148 min
Delta R.T.: -0.001 min
Response: 3576858
Conc: 30.90 ng/ml



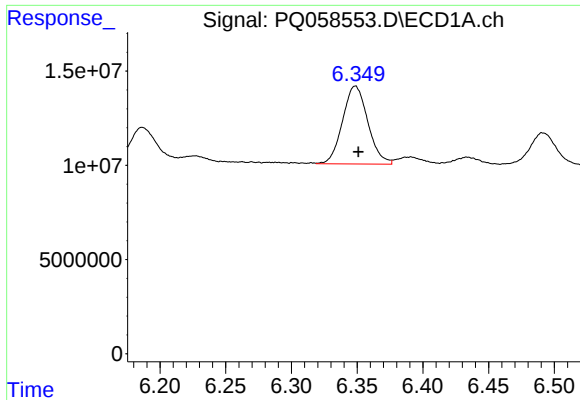
#22 AR-1248-2

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 84489037
Conc: 501.85 ng/ml



#22 AR-1248-2

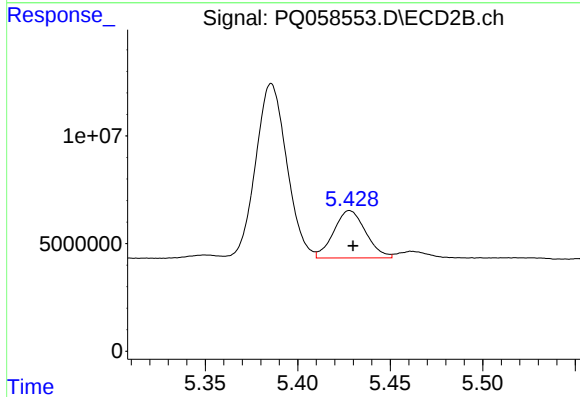
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 94874403
Conc: 568.94 ng/ml



#23 AR-1248-3

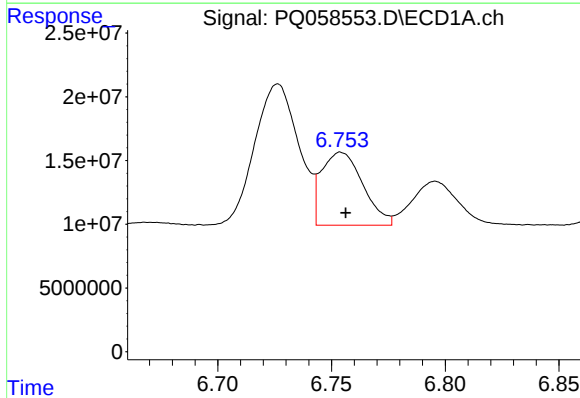
R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 55308671
Conc: 273.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



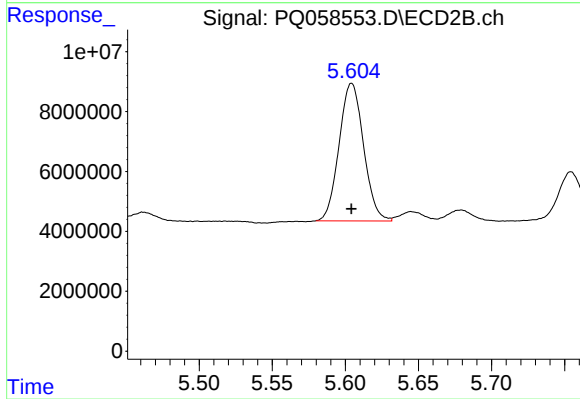
#23 AR-1248-3

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 26589547
Conc: 153.91 ng/ml



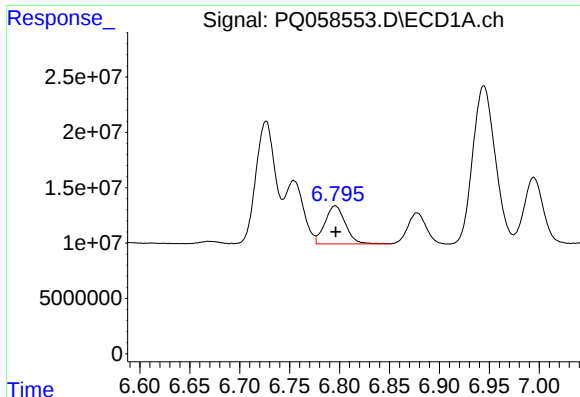
#24 AR-1248-4

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 72403861
Conc: 365.40 ng/ml



#24 AR-1248-4

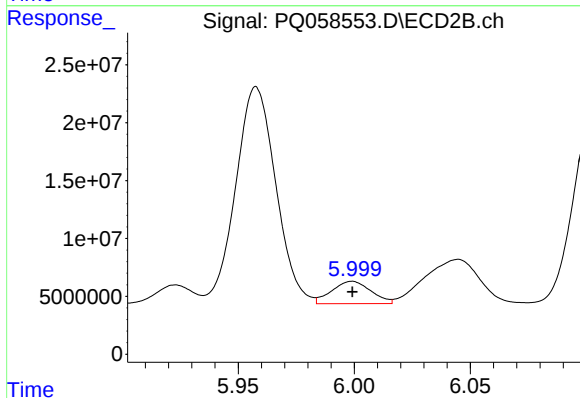
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 53531143
Conc: 269.90 ng/ml



#25 AR-1248-5

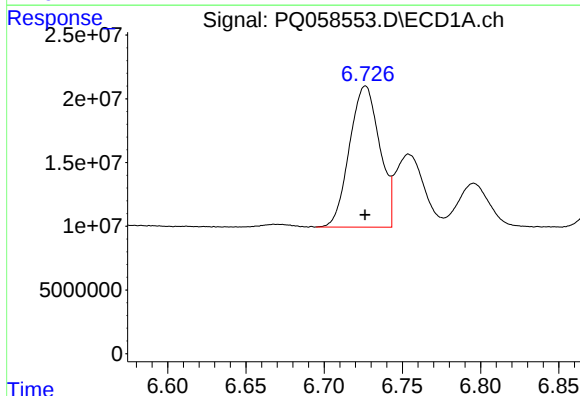
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 49017186
Conc: 231.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



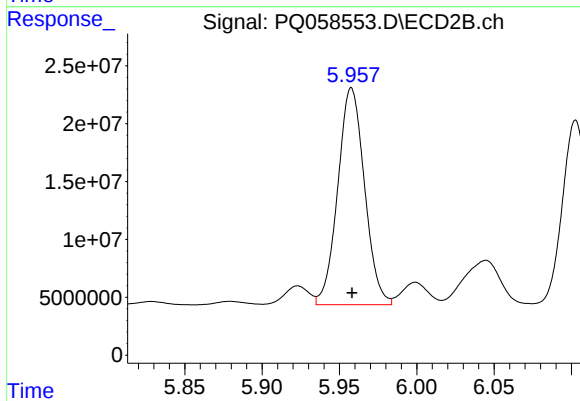
#25 AR-1248-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 22720232
Conc: 128.02 ng/ml



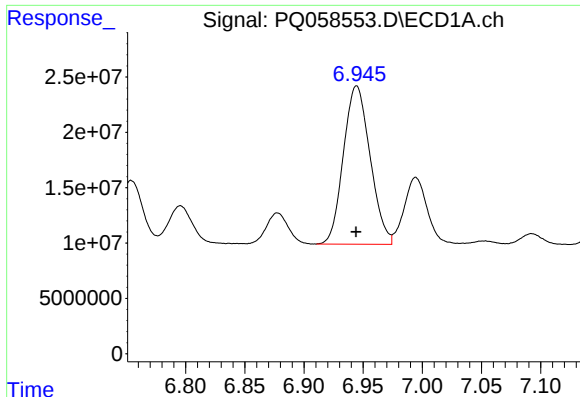
#26 AR-1254-1

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 148677274
Conc: 714.02 ng/ml



#26 AR-1254-1

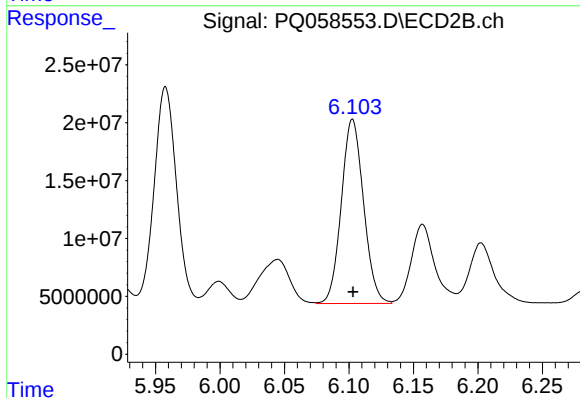
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 225473279
Conc: 745.72 ng/ml



#27 AR-1254-2

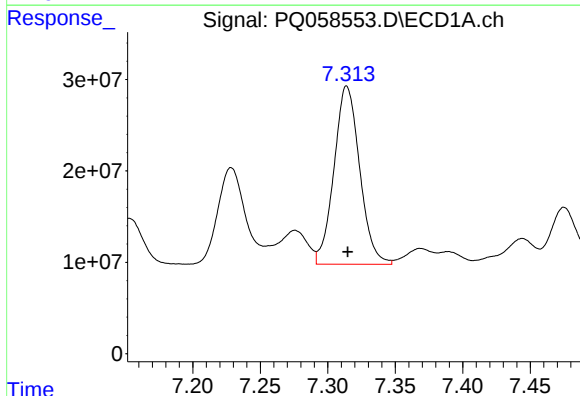
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 224450049
Conc: 721.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



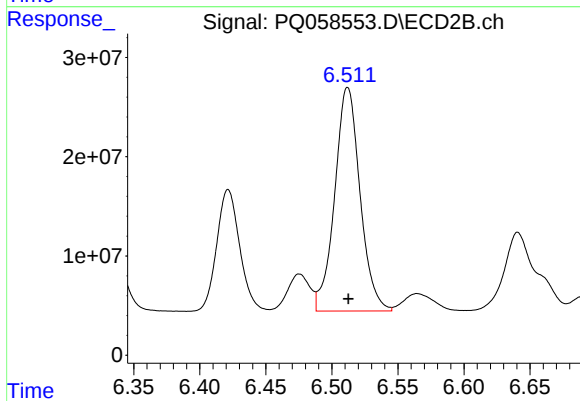
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 191127113
Conc: 735.25 ng/ml



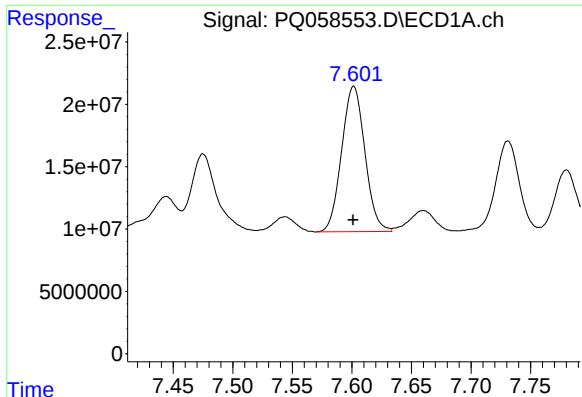
#28 AR-1254-3

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 258699218
Conc: 721.65 ng/ml



#28 AR-1254-3

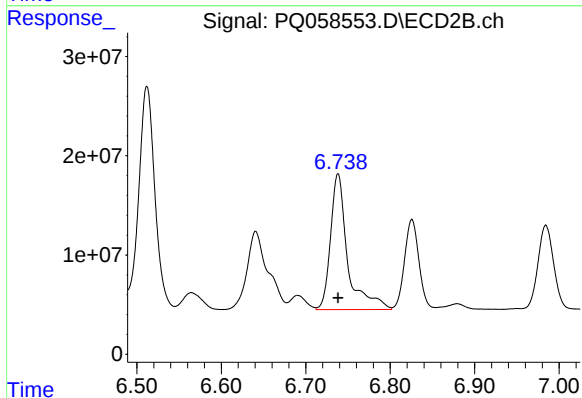
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 301306823
Conc: 752.29 ng/ml



#29 AR-1254-4

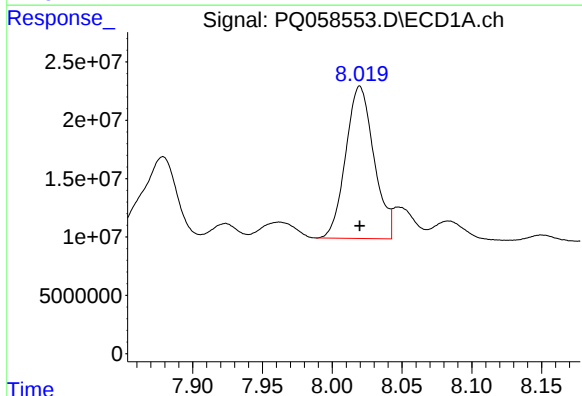
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 158563955
Conc: 730.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



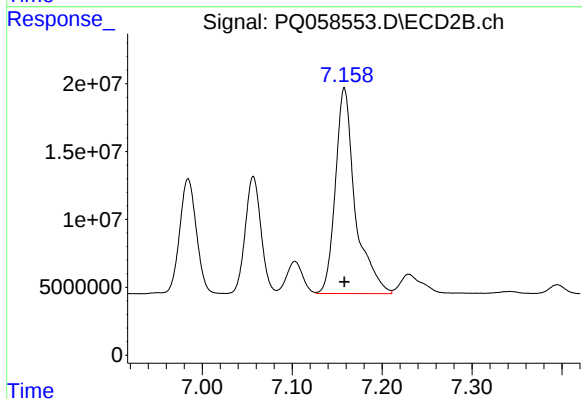
#29 AR-1254-4

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 193582898
Conc: 755.88 ng/ml



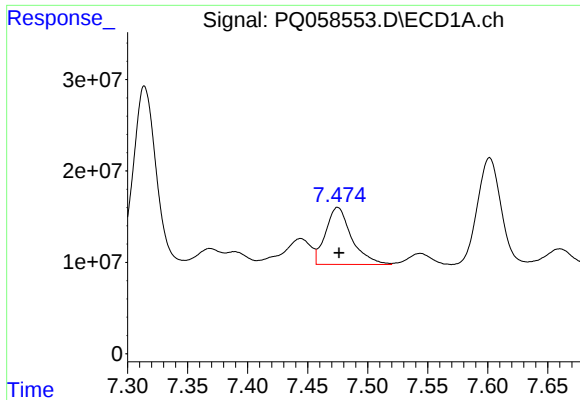
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 183486519
Conc: 704.93 ng/ml



#30 AR-1254-5

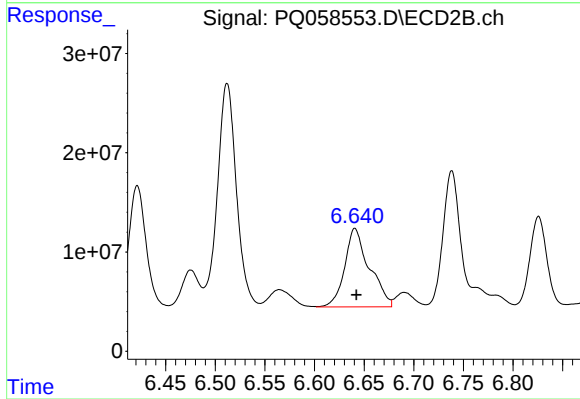
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 232131144
Conc: 760.96 ng/ml



#31 AR-1260-1

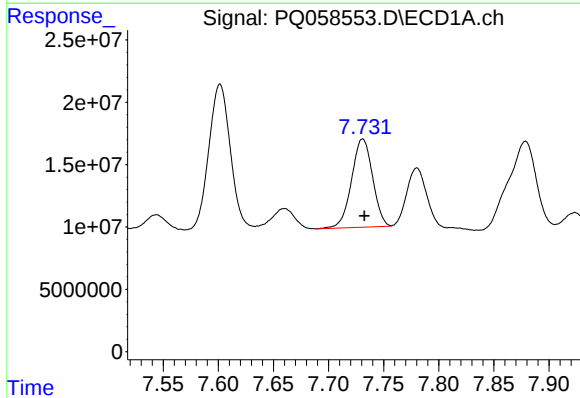
R.T.: 7.475 min
Delta R.T.: -0.001 min
Response: 94092266
Conc: 534.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



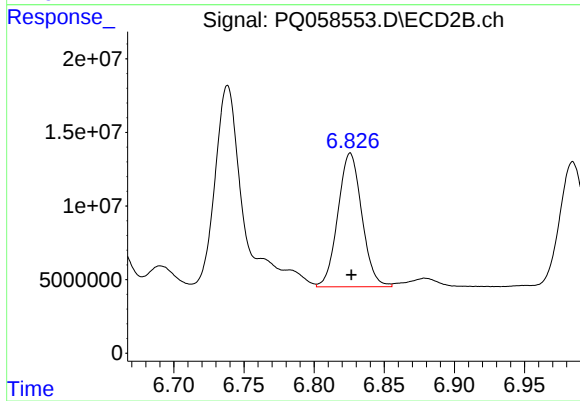
#31 AR-1260-1

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 136465125
Conc: 681.74 ng/ml



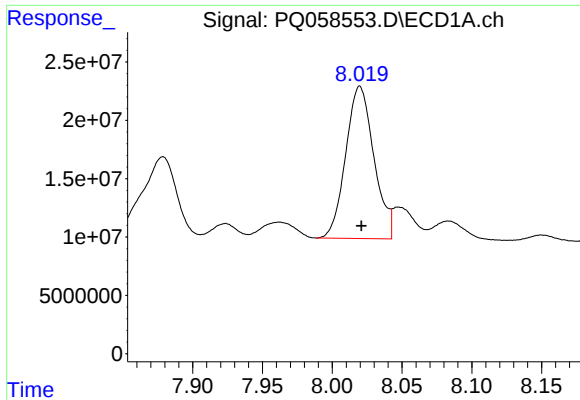
#32 AR-1260-2

R.T.: 7.731 min
Delta R.T.: -0.001 min
Response: 93973067
Conc: 448.73 ng/ml



#32 AR-1260-2

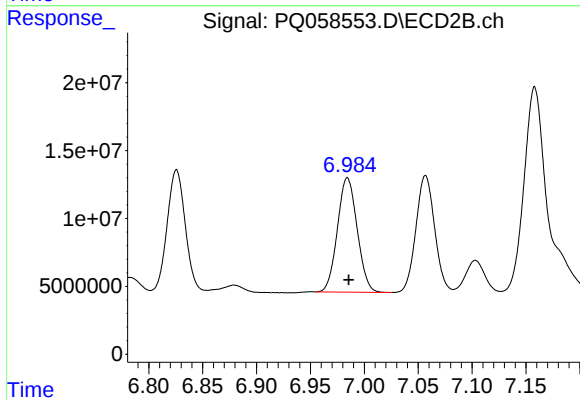
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 107714442
Conc: 462.81 ng/ml



#33 AR-1260-3

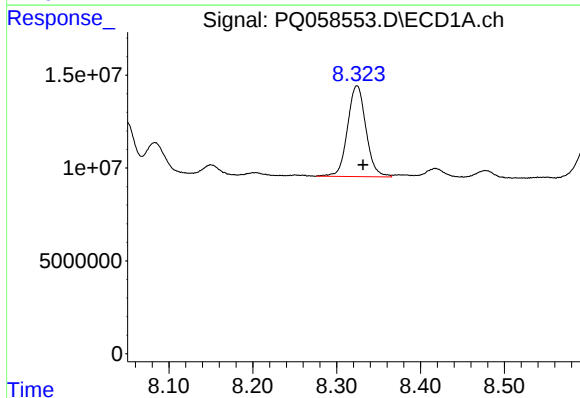
R.T.: 8.020 min
Delta R.T.: -0.001 min
Response: 183486519
Conc: 693.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



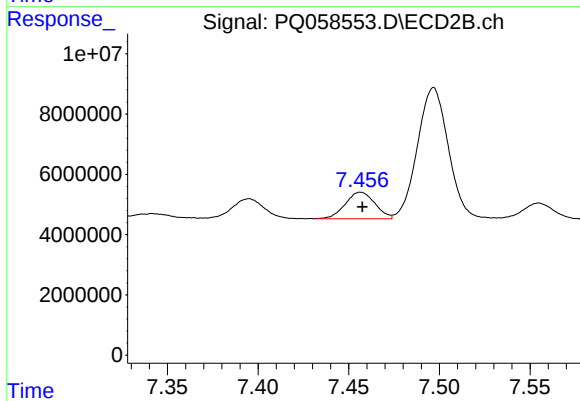
#33 AR-1260-3

R.T.: 6.984 min
Delta R.T.: -0.001 min
Response: 107410600
Conc: 502.07 ng/ml



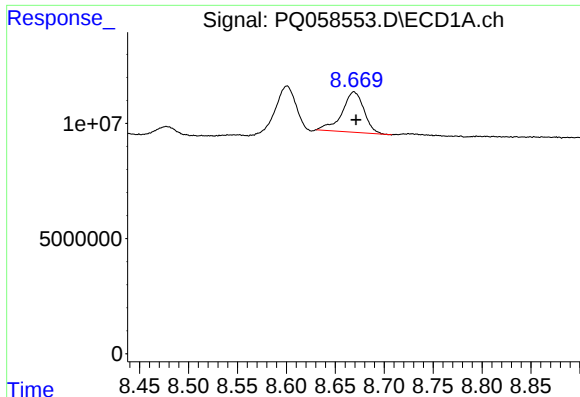
#34 AR-1260-4

R.T.: 8.324 min
Delta R.T.: -0.007 min
Response: 74612084
Conc: 366.77 ng/ml



#34 AR-1260-4

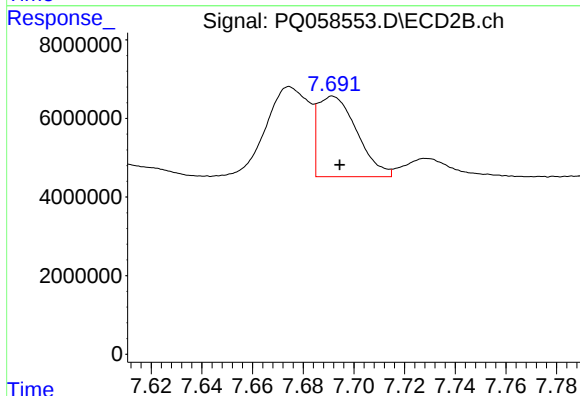
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 10073338
Conc: 57.00 ng/ml



#35 AR-1260-5

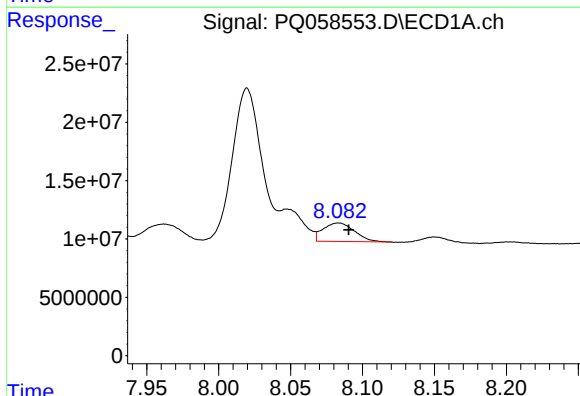
R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 27407149
Conc: 62.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



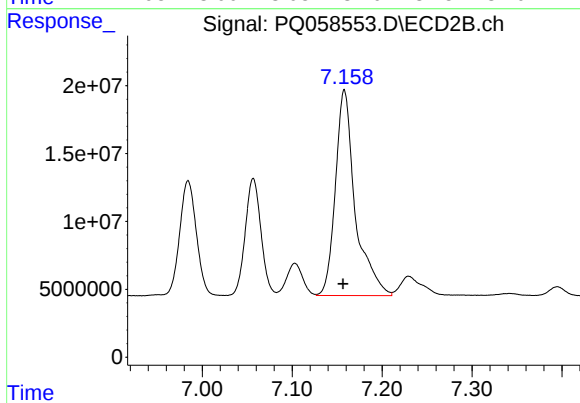
#35 AR-1260-5

R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 21968335
Conc: 55.23 ng/ml



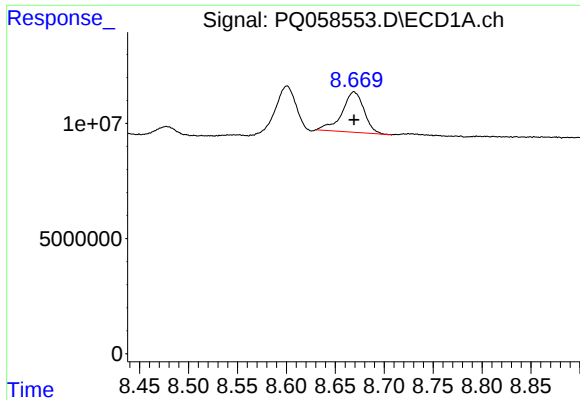
#36 AR-1262-1

R.T.: 8.083 min
Delta R.T.: -0.007 min
Response: 23588901
Conc: 72.35 ng/ml



#36 AR-1262-1

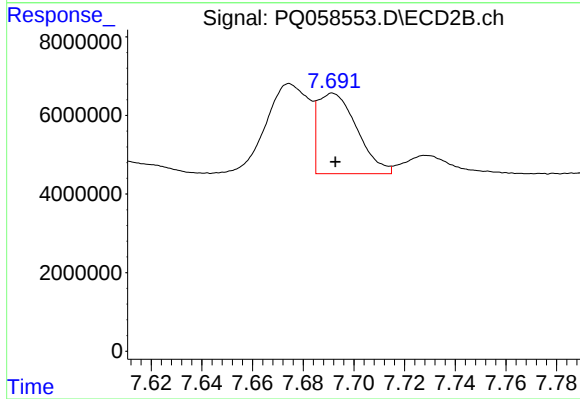
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 232131144
Conc: 1439.60 ng/ml



#37 AR-1262-2

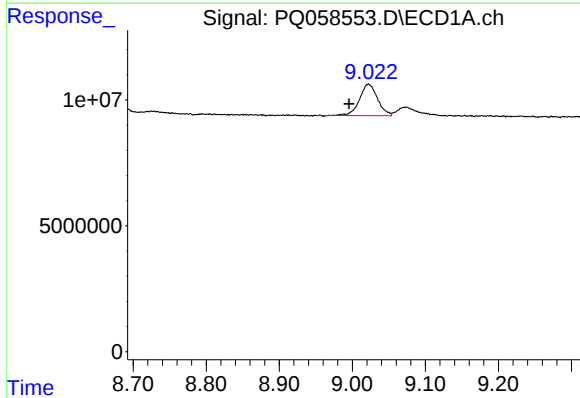
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 27407149
Conc: 42.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



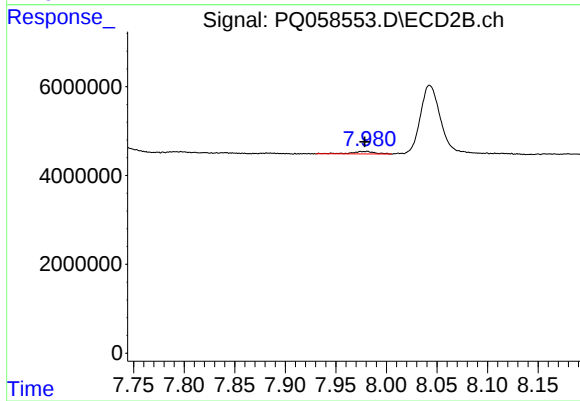
#37 AR-1262-2

R.T.: 7.692 min
Delta R.T.: -0.001 min
Response: 21968335
Conc: 39.32 ng/ml



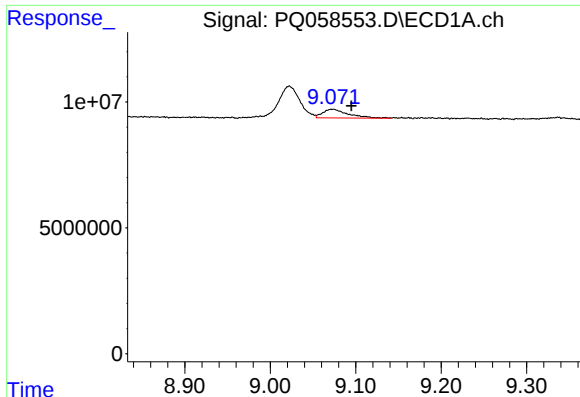
#38 AR-1262-3

R.T.: 9.022 min
Delta R.T.: 0.026 min
Response: 21545448
Conc: 61.62 ng/ml



#38 AR-1262-3

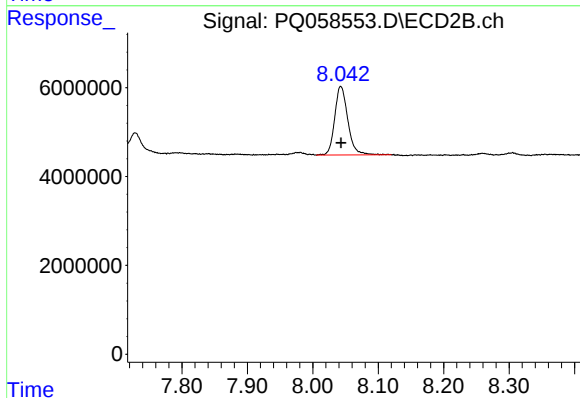
R.T.: 7.981 min
Delta R.T.: 0.002 min
Response: 839406
Conc: 3.85 ng/ml



#39 AR-1262-4

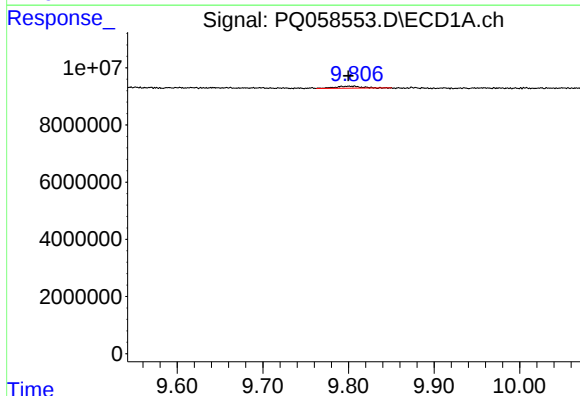
R.T.: 9.073 min
Delta R.T.: -0.021 min
Response: 7134318
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



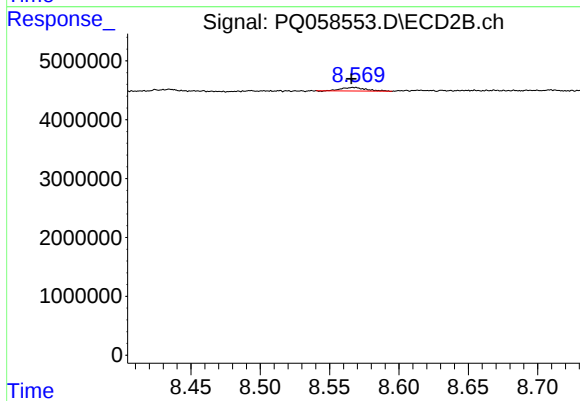
#39 AR-1262-4

R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 21436941
Conc: 53.73 ng/ml



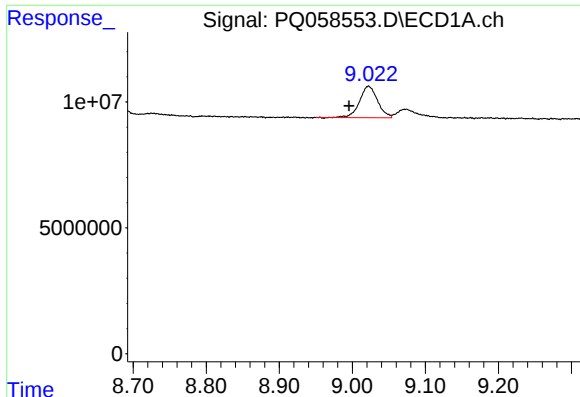
#40 AR-1262-5

R.T.: 9.807 min
Delta R.T.: 0.007 min
Response: 1364899
Conc: 5.38 ng/ml



#40 AR-1262-5

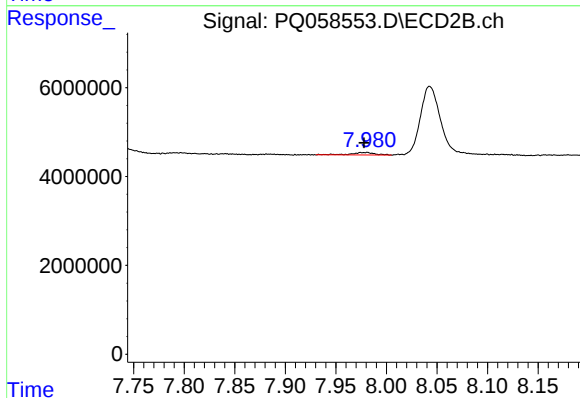
R.T.: 8.568 min
Delta R.T.: 0.002 min
Response: 722264
Conc: 4.55 ng/ml



#41 AR-1268-1

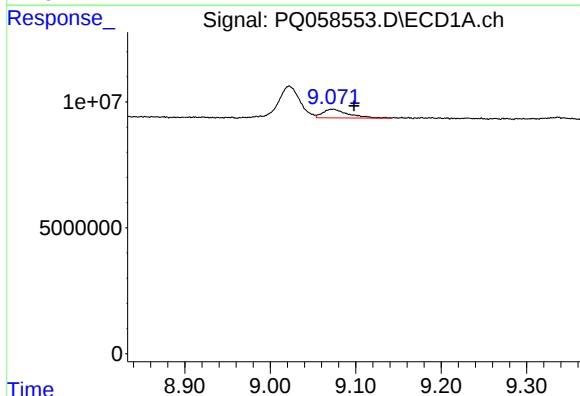
R.T.: 9.022 min
Delta R.T.: 0.027 min
Response: 21545448
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



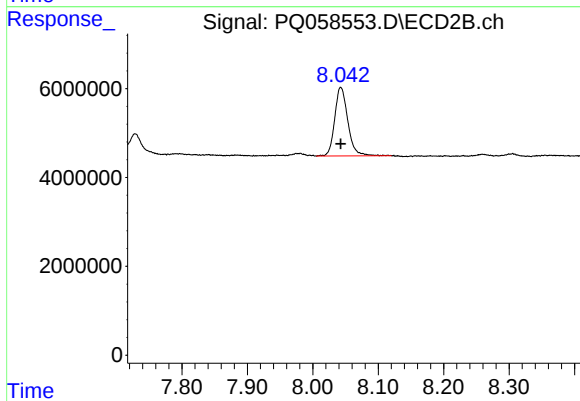
#41 AR-1268-1

R.T.: 7.981 min
Delta R.T.: 0.003 min
Response: 839406
Conc: 1.08 ng/ml



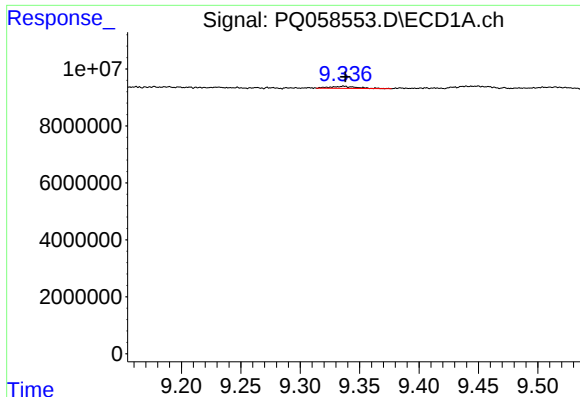
#42 AR-1268-2

R.T.: 9.073 min
Delta R.T.: -0.025 min
Response: 7134318
Conc: 6.57 ng/ml



#42 AR-1268-2

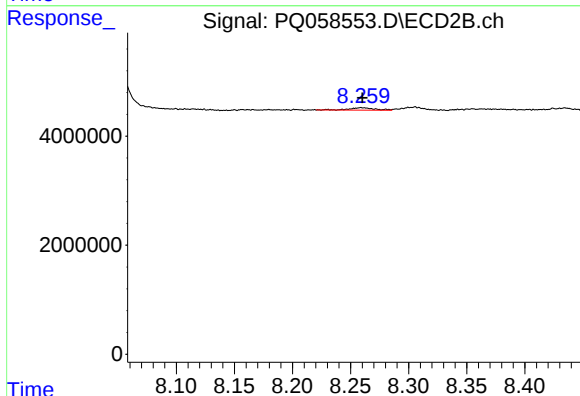
R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 21436941
Conc: 30.35 ng/ml



#43 AR-1268-3

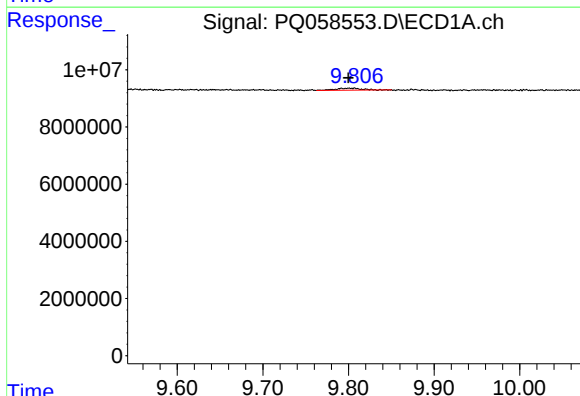
R.T.: 9.337 min
Delta R.T.: -0.001 min
Response: 1152426
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



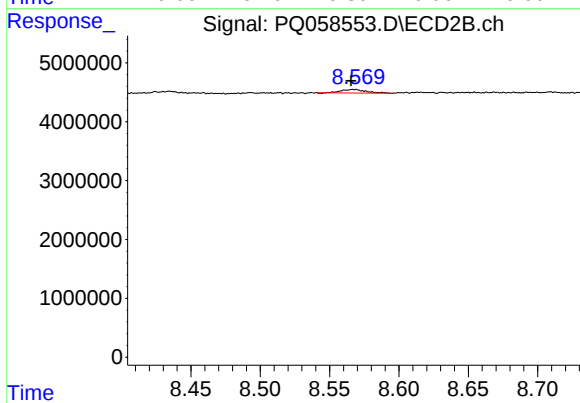
#43 AR-1268-3

R.T.: 8.259 min
Delta R.T.: -0.001 min
Response: 630518
Conc: 1.03 ng/ml



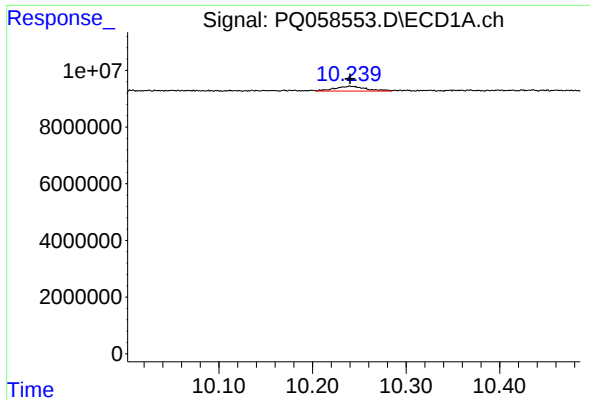
#44 AR-1268-4

R.T.: 9.807 min
Delta R.T.: 0.007 min
Response: 1364899
Conc: 4.11 ng/ml



#44 AR-1268-4

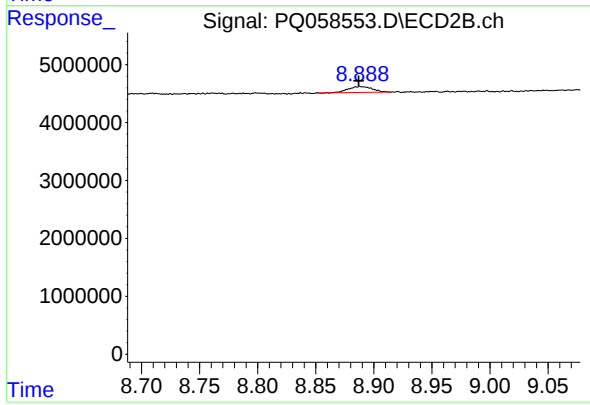
R.T.: 8.568 min
Delta R.T.: 0.002 min
Response: 722264
Conc: 3.39 ng/ml



#45 AR-1268-5

R.T.: 10.240 min
Delta R.T.: 0.000 min
Response: 3900496
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.889 min
Delta R.T.: 0.002 min
Response: 1474730
Conc: 0.80 ng/ml