

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 16:12
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:32:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.703	3.984	153.4E6	83307986	20.742	20.329
2)	SA Decachlor...	10.638	9.101	114.2E6	63073902	21.929	20.235
Target Compounds							
3)	L1 AR-1016-1	5.883	5.085	5430210	2375372	23.731	17.016 #
4)	L1 AR-1016-2	5.906	5.105	7277955	3913239	21.641	19.533
5)	L1 AR-1016-3	5.969	5.286	5951922	1353923	29.660	14.675 #
6)	L1 AR-1016-4	6.070	5.322	4354947	1381099	26.464	17.243 #
7)	L1 AR-1016-5	6.364	5.541	3638253	1743656	22.999	17.014 #
8)	L2 AR-1221-1	4.912	4.200	2787471	1800388	39.539	44.628
9)	L2 AR-1221-2	5.008	4.289	3538995	2406569	70.582	81.824
10)	L2 AR-1221-3	5.079	4.365	6889463	3884833	42.979	40.361
11)	L3 AR-1232-1	5.079	4.365	6889463	3884833	51.821	48.930
12)	L3 AR-1232-2	5.615	5.105	4916718	3913239	76.064	53.040 #
13)	L3 AR-1232-3	5.906	5.286	7277955	1353923	56.645	39.794 #
14)	L3 AR-1232-4	6.070	5.365	4354947	1896693	66.737	57.472
15)	L3 AR-1232-5	6.157	5.541	3291476	1743656	66.688	50.156
16)	L4 AR-1242-1	5.883	5.085	5430210	2375372	33.839	24.315 #
17)	L4 AR-1242-2	5.906	5.105	7277955	3913239	30.858	27.904
18)	L4 AR-1242-3	5.969	5.286	5951922	1353923	40.926	20.341 #
19)	L4 AR-1242-4	6.070	5.365	4354947	1896693	36.435	27.678
20)	L4 AR-1242-5	6.809	5.894	3132339	2366267	27.999	27.343
21)	L5 AR-1248-1	5.883	5.085	5430210	2375372	46.354	33.274 #
22)	L5 AR-1248-2	6.157	5.322	3291476	1381099	20.593	15.035 #
23)	L5 AR-1248-3	6.364	5.365	3638253	1896693	21.182	20.134
24)	L5 AR-1248-4	6.769	5.541	3315186	1743656	18.690	15.194
25)	L5 AR-1248-5	6.809	5.936	3132339	2773572	18.466	25.602 #
26)	L6 AR-1254-1	6.742	5.894	2310842	2366267	11.776	12.822
27)	L6 AR-1254-2	6.968	6.041	2653701	1095195	9.144	7.002
28)	L6 AR-1254-3	7.333	6.451	1313493	1078268	4.390	4.154
29)	L6 AR-1254-4	7.618	0.000	455112	0	2.286	N.D. #
30)	L6 AR-1254-5	7.979	0.000	312113	0	1.182	N.D. #
31)	L7 AR-1260-1	7.494	0.000	271175	0	1.067	N.D. #
32)	L7 AR-1260-2	7.748	6.762	384654	276072	1.296	1.269
33)	L7 AR-1260-3	8.119	0.000	723108	0	3.158	N.D. #
34)	L7 AR-1260-4	8.342	0.000	1298920	0	4.899	N.D. #
35)	L7 AR-1260-5	8.683	0.000	959223	0	1.888	N.D. #
36)	L8 AR-1262-1	8.147	7.174	261100	579566	2.059	2.424
37)	L8 AR-1262-2	8.683	0.000	959223	0	1.862	N.D. #
39)	L8 AR-1262-4	9.175	0.000	3275469	0	11.339	N.D. #
40)	L8 AR-1262-5	9.833	0.000	2907036	0	16.047	N.D. #
42)	L9 AR-1268-2	9.175	0.000	3275469	0	5.338	N.D. #
43)	L9 AR-1268-3	9.364	8.195	5231922	2543569	10.372	7.135 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:32:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.833	0.000	2907036	0	13.291	N.D. #
45) L9	AR-1268-5	10.270	8.821	2652242	1258751	1.544	1.090 #

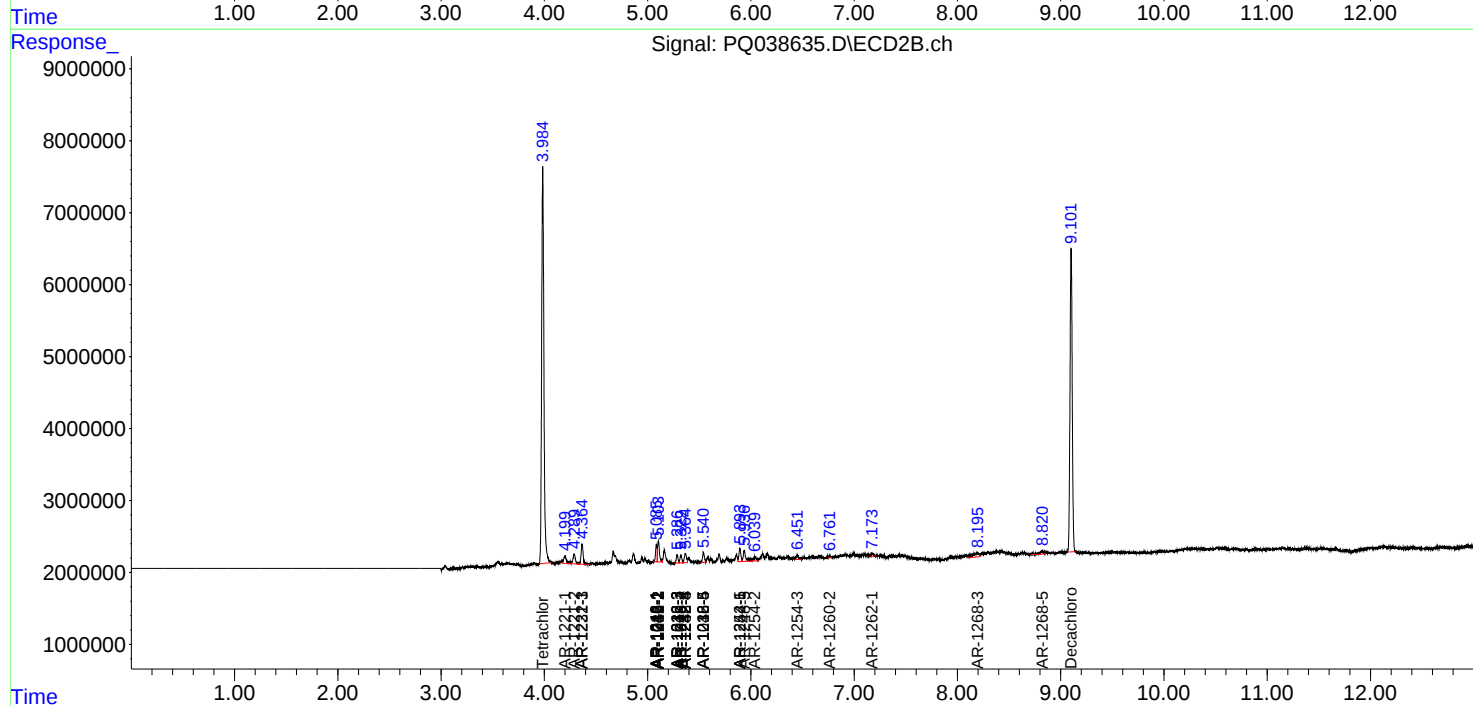
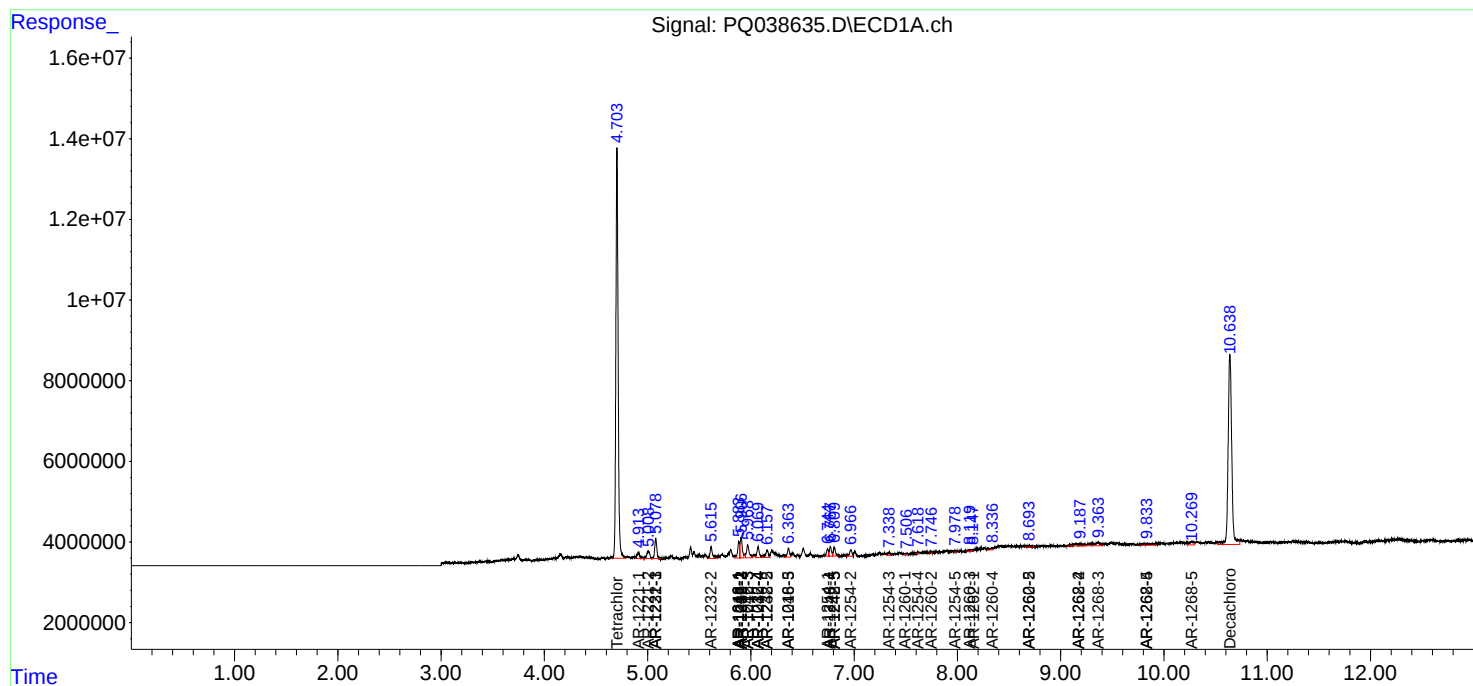
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

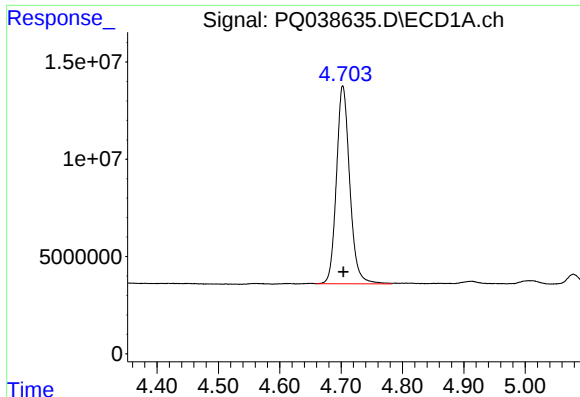
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

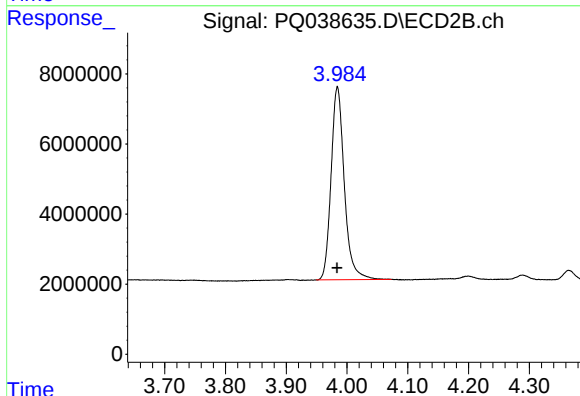




#1 Tetrachloro-m-xylene

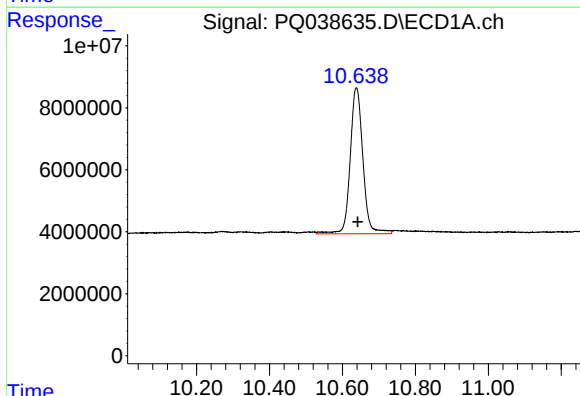
R.T.: 4.703 min
Delta R.T.: -0.001 min
Response: 153424864
Conc: 20.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



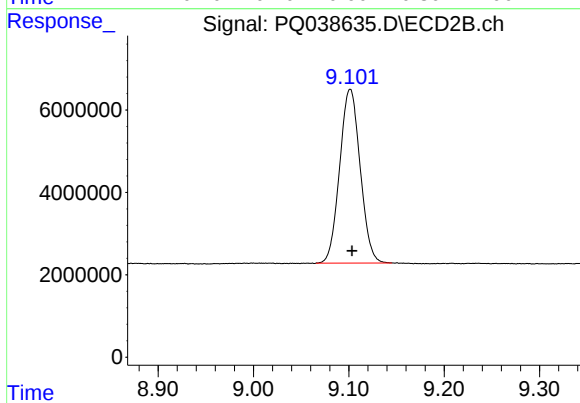
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 83307986
Conc: 20.33 ng/ml



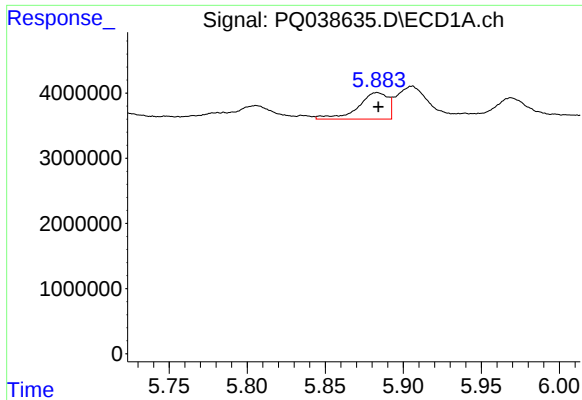
#2 Decachlorobiphenyl

R.T.: 10.638 min
Delta R.T.: -0.004 min
Response: 114156625
Conc: 21.93 ng/ml



#2 Decachlorobiphenyl

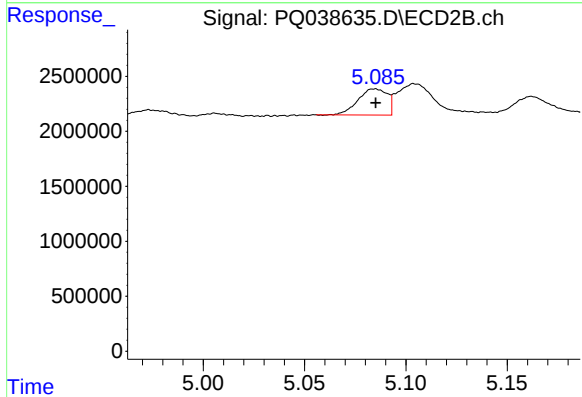
R.T.: 9.101 min
Delta R.T.: -0.002 min
Response: 63073902
Conc: 20.23 ng/ml



#3 AR-1016-1

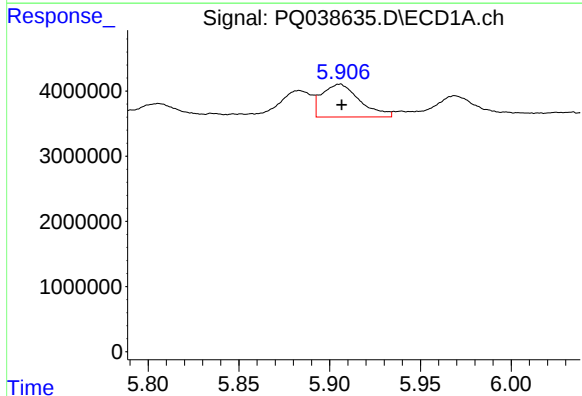
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 5430210
Conc: 23.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



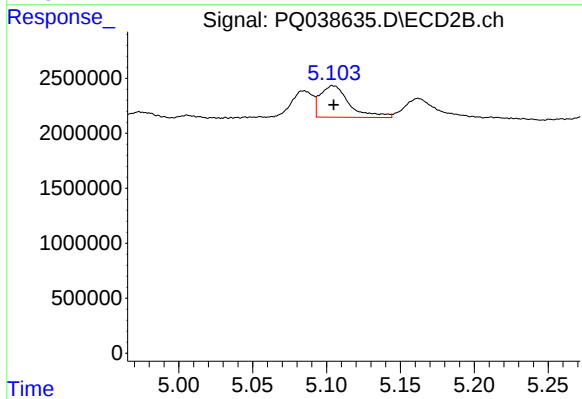
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2375372
Conc: 17.02 ng/ml



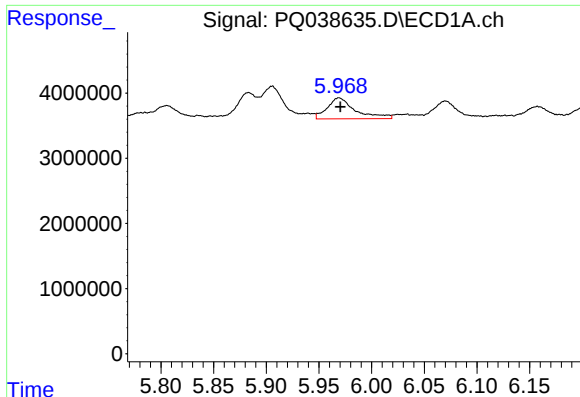
#4 AR-1016-2

R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 7277955
Conc: 21.64 ng/ml



#4 AR-1016-2

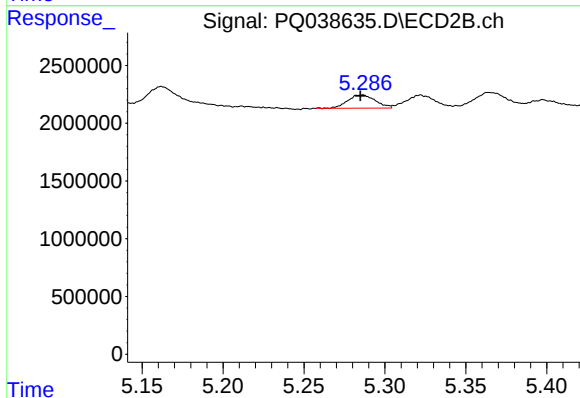
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 3913239
Conc: 19.53 ng/ml



#5 AR-1016-3

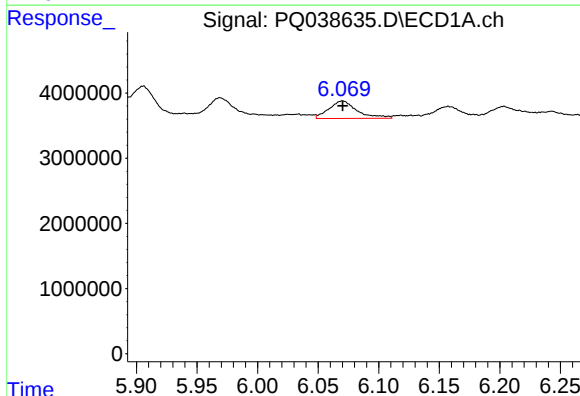
R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 5951922
Conc: 29.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



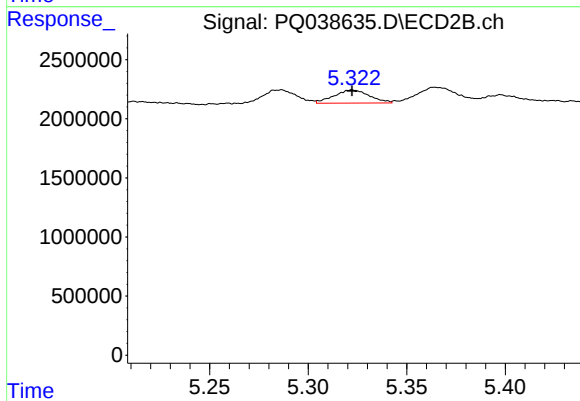
#5 AR-1016-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1353923
Conc: 14.67 ng/ml



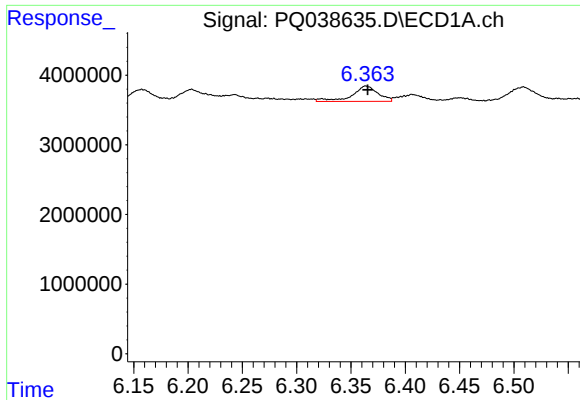
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 4354947
Conc: 26.46 ng/ml



#6 AR-1016-4

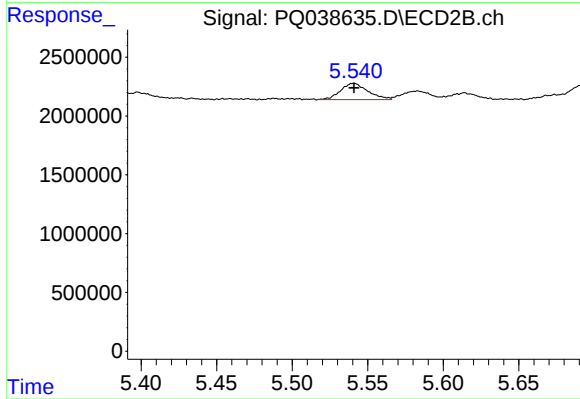
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 1381099
Conc: 17.24 ng/ml



#7 AR-1016-5

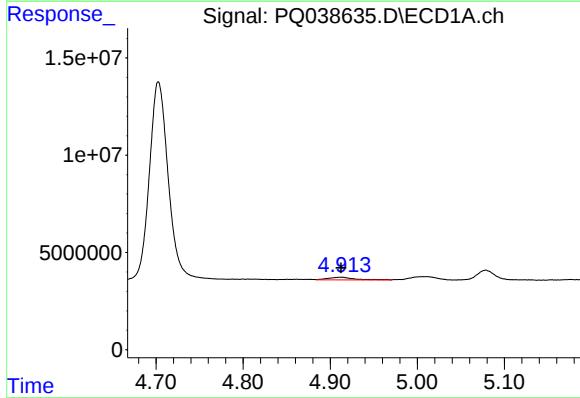
R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 3638253
Conc: 23.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



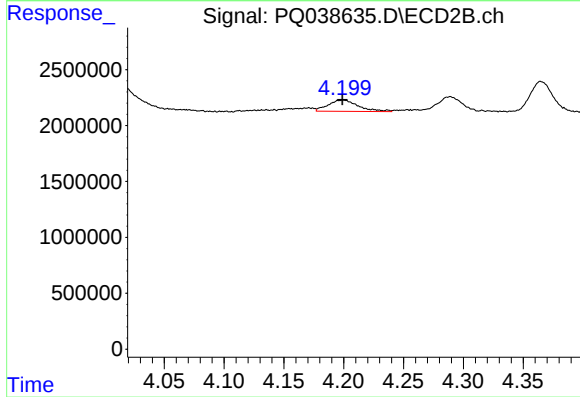
#7 AR-1016-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1743656
Conc: 17.01 ng/ml



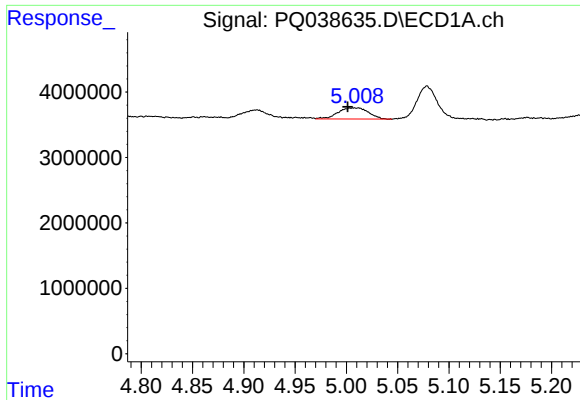
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 2787471
Conc: 39.54 ng/ml



#8 AR-1221-1

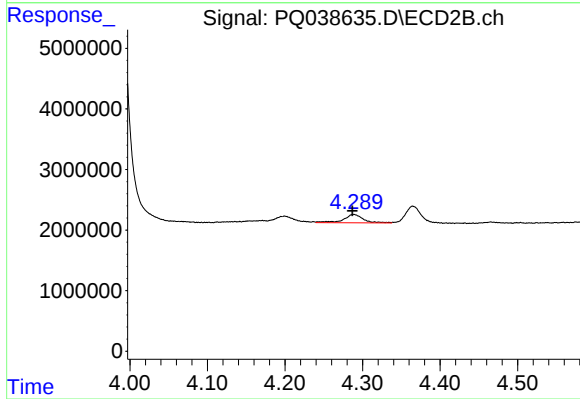
R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 1800388
Conc: 44.63 ng/ml



#9 AR-1221-2

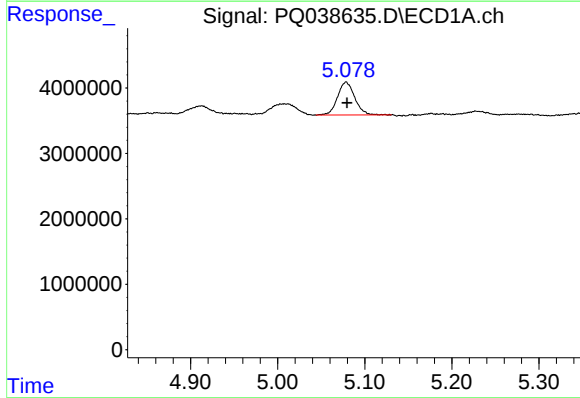
R.T.: 5.008 min
Delta R.T.: 0.007 min
Response: 3538995
Conc: 70.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



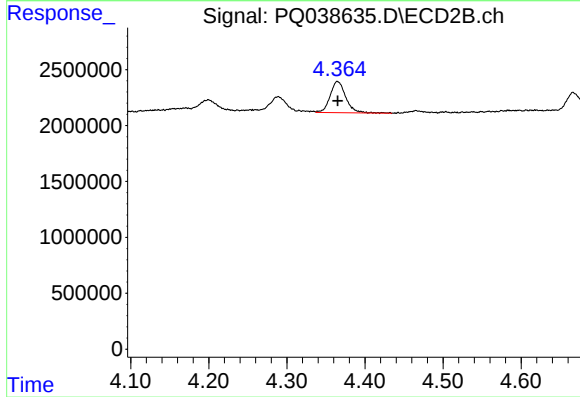
#9 AR-1221-2

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 2406569
Conc: 81.82 ng/ml



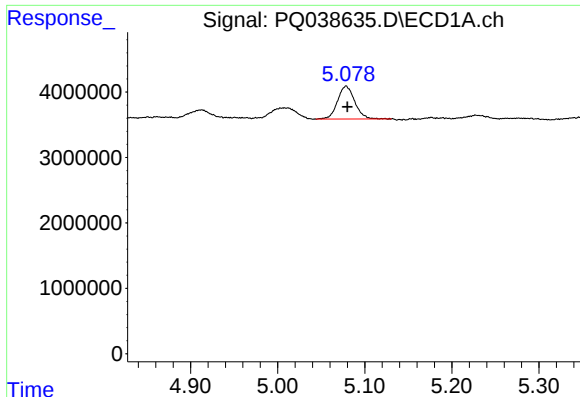
#10 AR-1221-3

R.T.: 5.079 min
Delta R.T.: -0.001 min
Response: 6889463
Conc: 42.98 ng/ml



#10 AR-1221-3

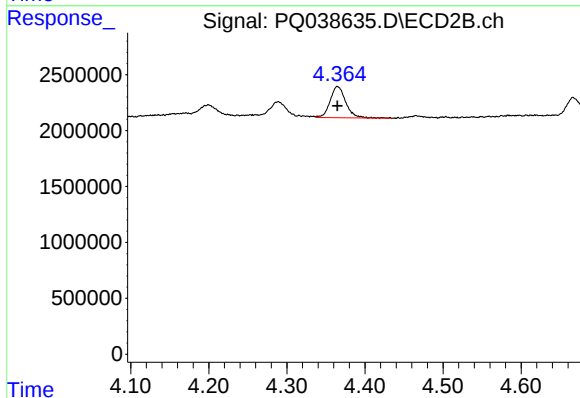
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 3884833
Conc: 40.36 ng/ml



#11 AR-1232-1

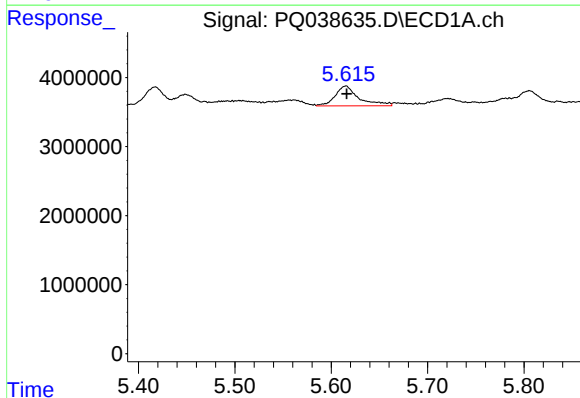
R.T.: 5.079 min
Delta R.T.: -0.001 min
Response: 6889463
Conc: 51.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



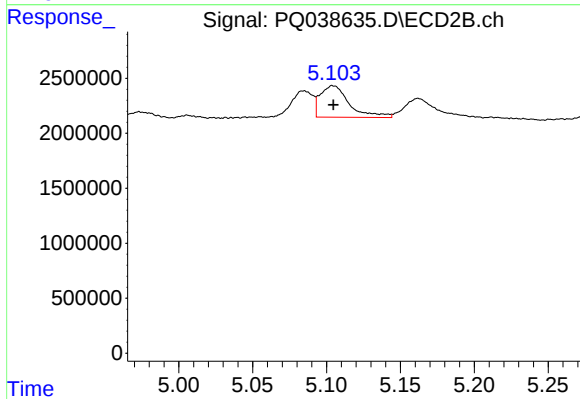
#11 AR-1232-1

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 3884833
Conc: 48.93 ng/ml



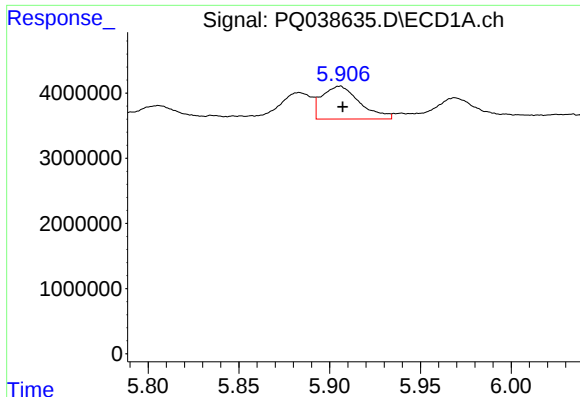
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 4916718
Conc: 76.06 ng/ml



#12 AR-1232-2

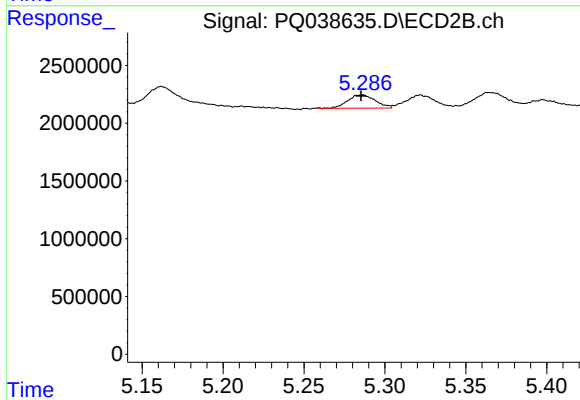
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 3913239
Conc: 53.04 ng/ml



#13 AR-1232-3

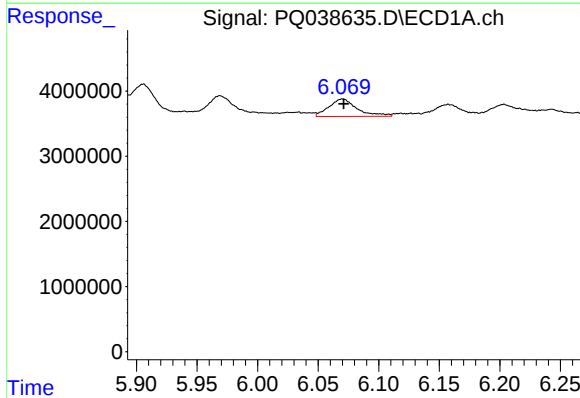
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 7277955
Conc: 56.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



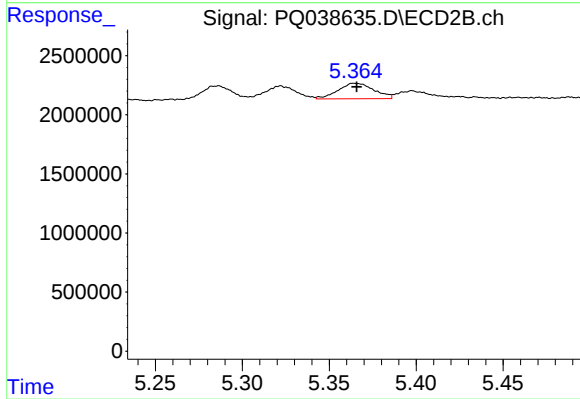
#13 AR-1232-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1353923
Conc: 39.79 ng/ml



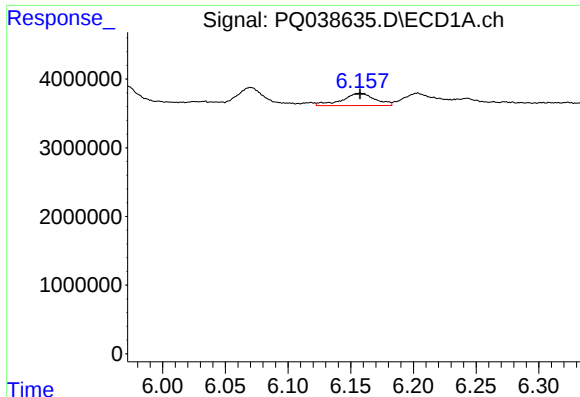
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 4354947
Conc: 66.74 ng/ml



#14 AR-1232-4

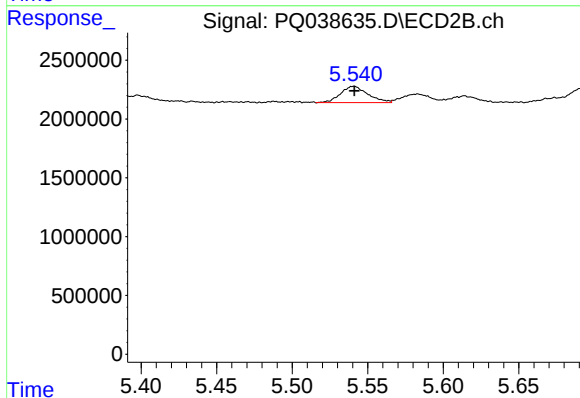
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 1896693
Conc: 57.47 ng/ml



#15 AR-1232-5

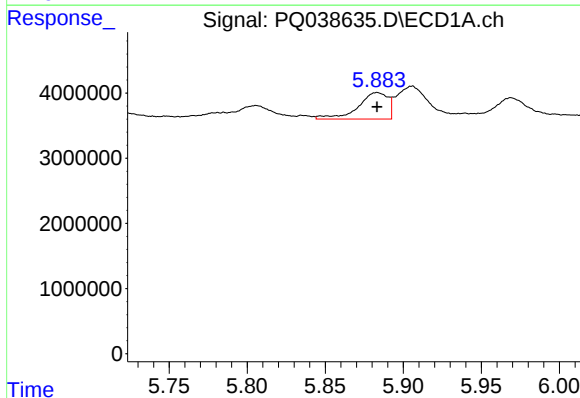
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 3291476
Conc: 66.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



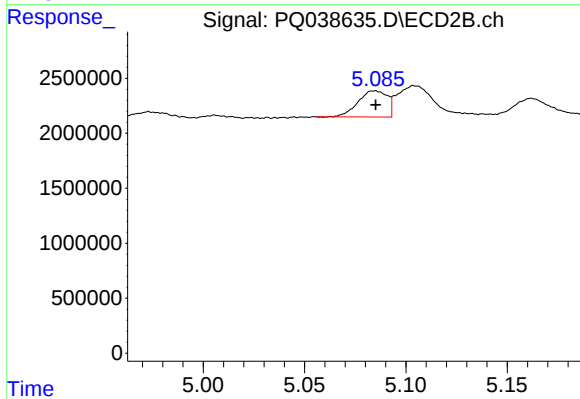
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1743656
Conc: 50.16 ng/ml



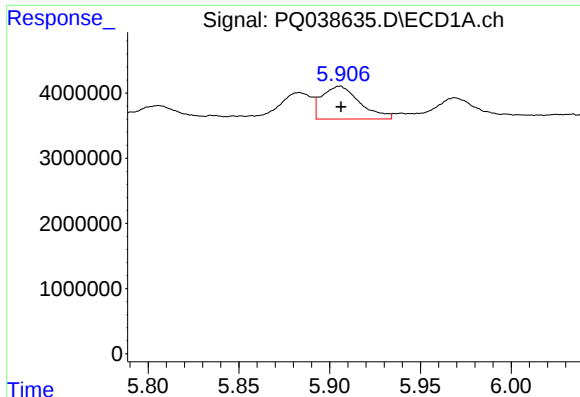
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 5430210
Conc: 33.84 ng/ml



#16 AR-1242-1

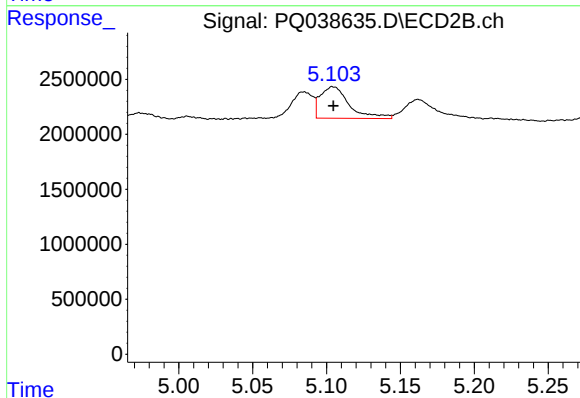
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2375372
Conc: 24.32 ng/ml



#17 AR-1242-2

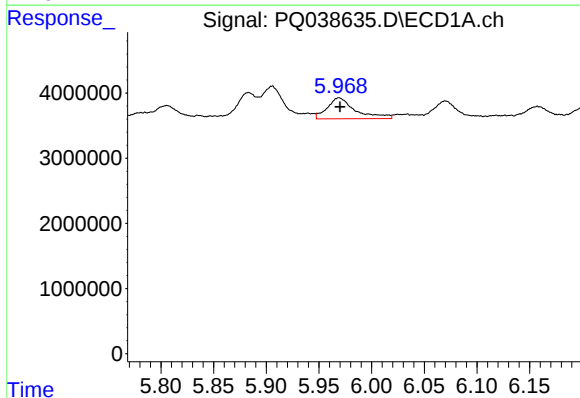
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 7277955
Conc: 30.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



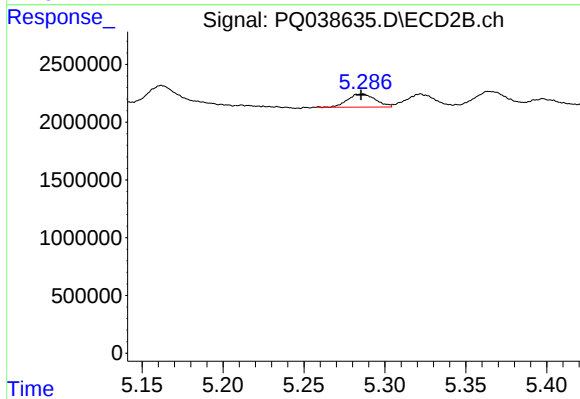
#17 AR-1242-2

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 3913239
Conc: 27.90 ng/ml



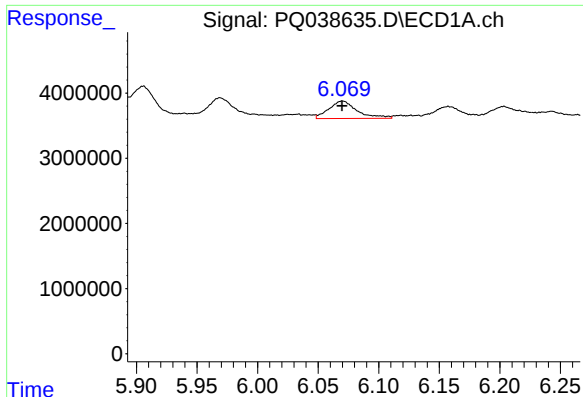
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 5951922
Conc: 40.93 ng/ml



#18 AR-1242-3

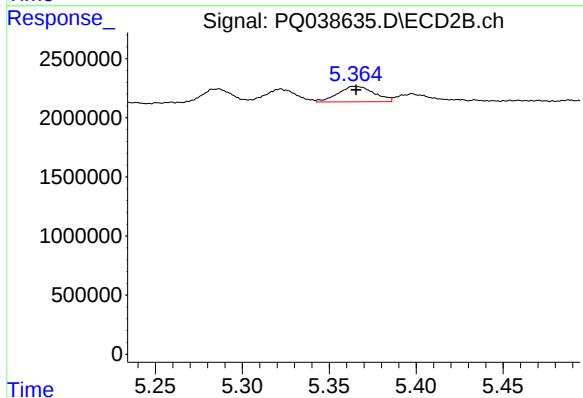
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 1353923
Conc: 20.34 ng/ml



#19 AR-1242-4

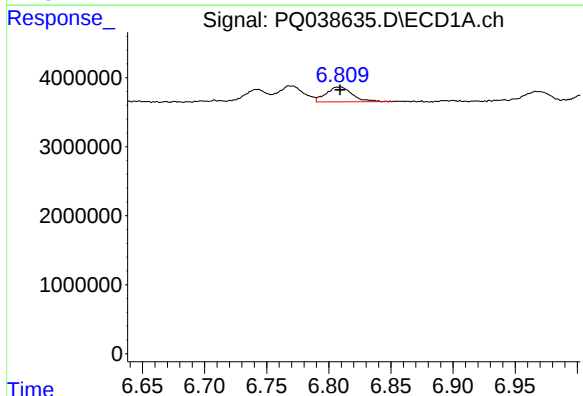
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 4354947
Conc: 36.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



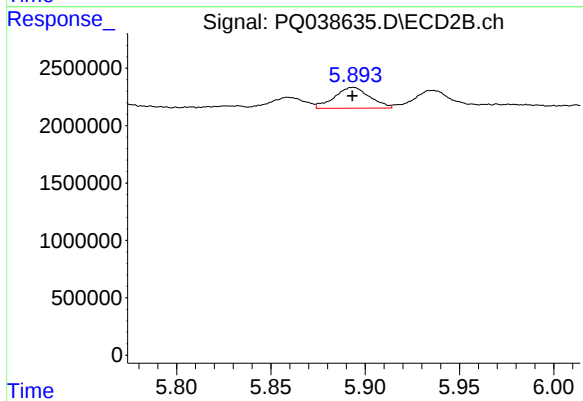
#19 AR-1242-4

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 1896693
Conc: 27.68 ng/ml



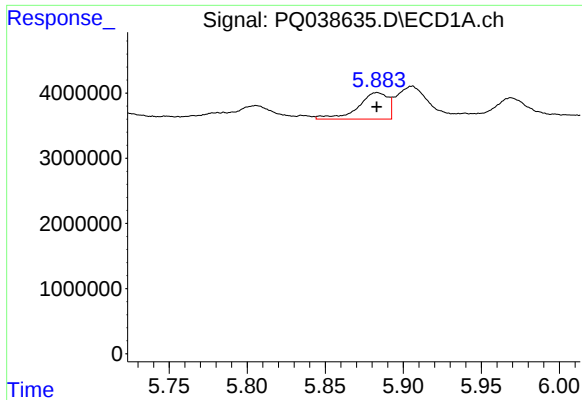
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 3132339
Conc: 28.00 ng/ml



#20 AR-1242-5

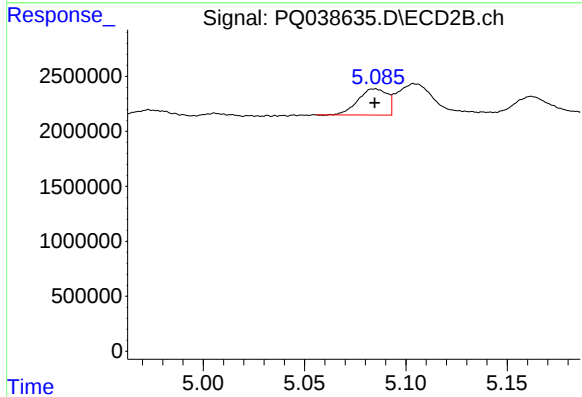
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 2366267
Conc: 27.34 ng/ml



#21 AR-1248-1

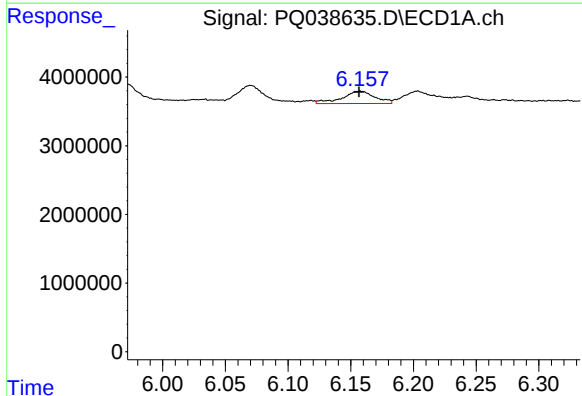
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 5430210
Conc: 46.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



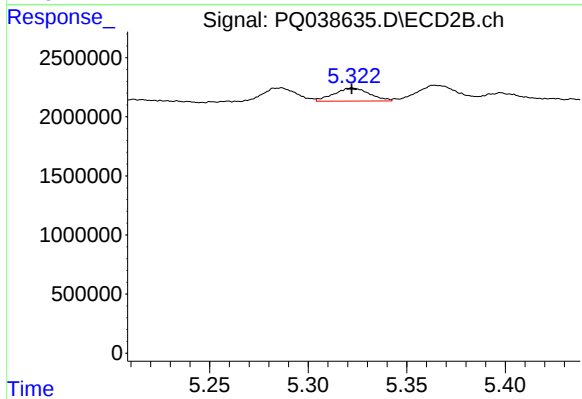
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2375372
Conc: 33.27 ng/ml



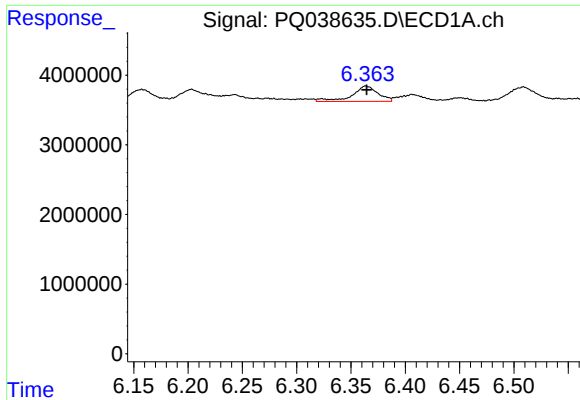
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 3291476
Conc: 20.59 ng/ml



#22 AR-1248-2

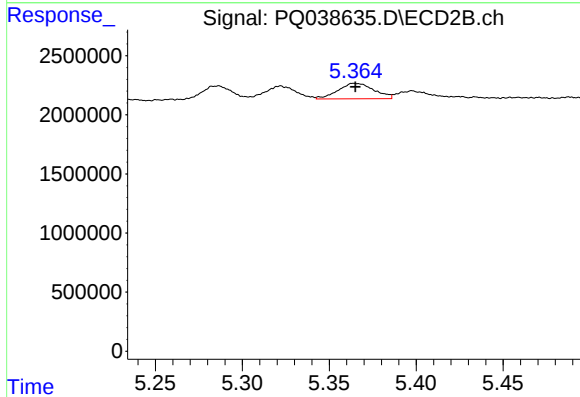
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 1381099
Conc: 15.03 ng/ml



#23 AR-1248-3

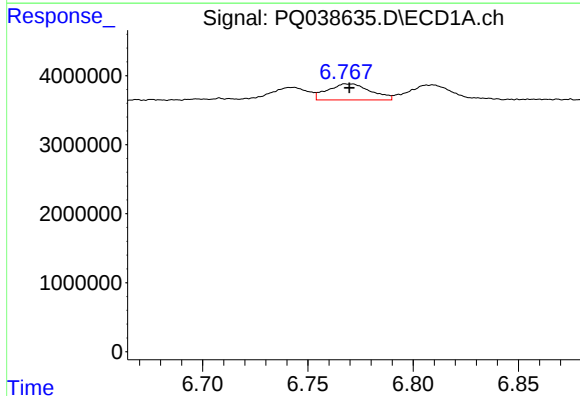
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 3638253
Conc: 21.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



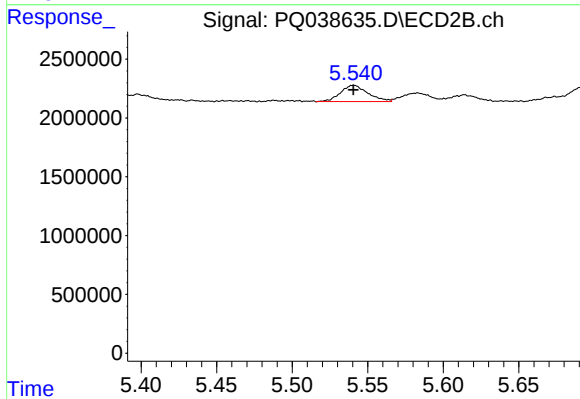
#23 AR-1248-3

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 1896693
Conc: 20.13 ng/ml



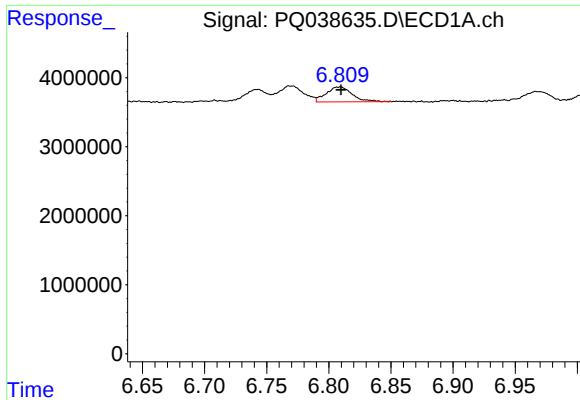
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 3315186
Conc: 18.69 ng/ml



#24 AR-1248-4

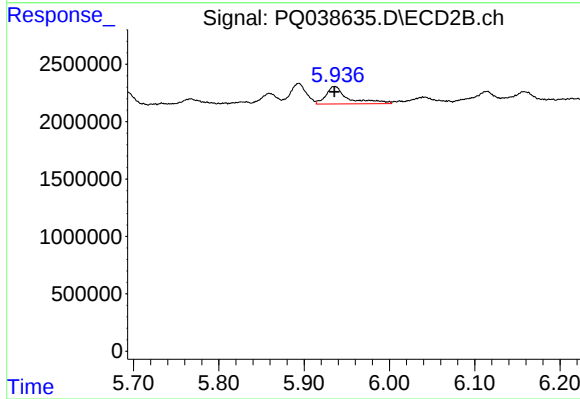
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1743656
Conc: 15.19 ng/ml



#25 AR-1248-5

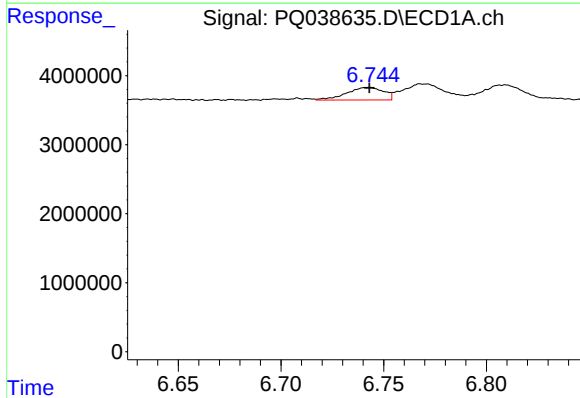
R.T.: 6.809 min
Delta R.T.: -0.001 min
Response: 3132339
Conc: 18.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



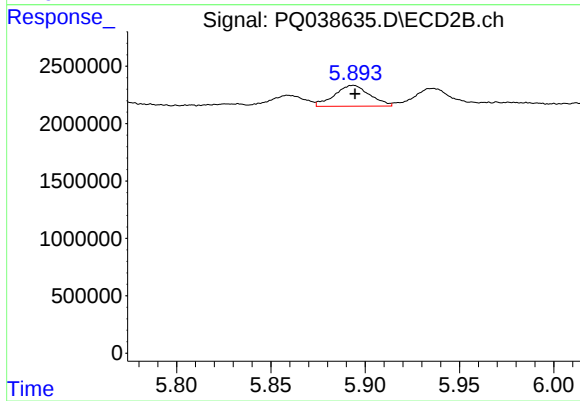
#25 AR-1248-5

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 2773572
Conc: 25.60 ng/ml



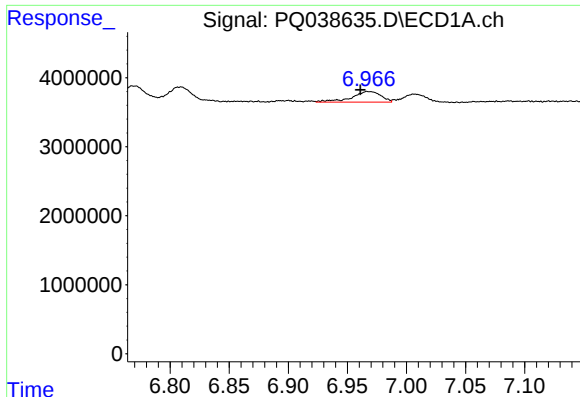
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 2310842
Conc: 11.78 ng/ml



#26 AR-1254-1

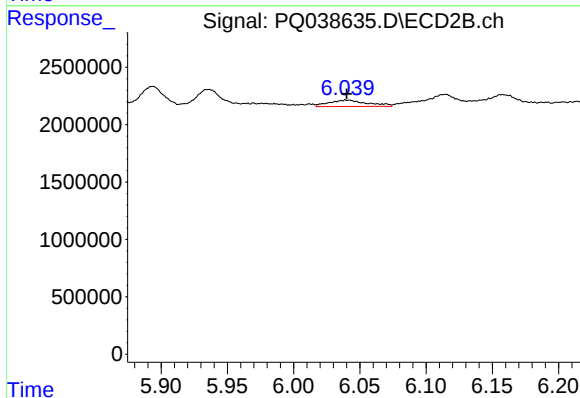
R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 2366267
Conc: 12.82 ng/ml



#27 AR-1254-2

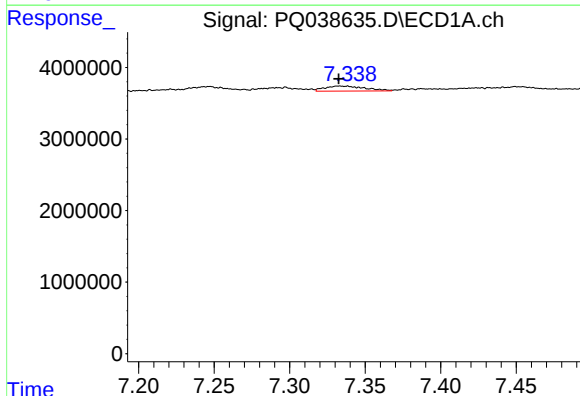
R.T.: 6.968 min
Delta R.T.: 0.007 min
Response: 2653701
Conc: 9.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



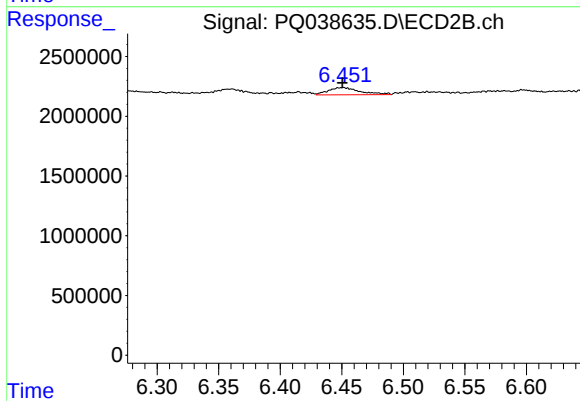
#27 AR-1254-2

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 1095195
Conc: 7.00 ng/ml



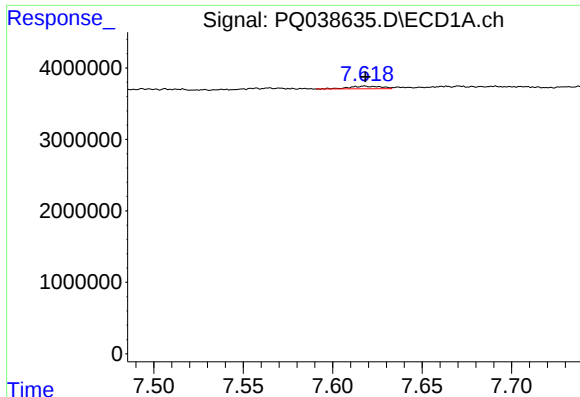
#28 AR-1254-3

R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 1313493
Conc: 4.39 ng/ml



#28 AR-1254-3

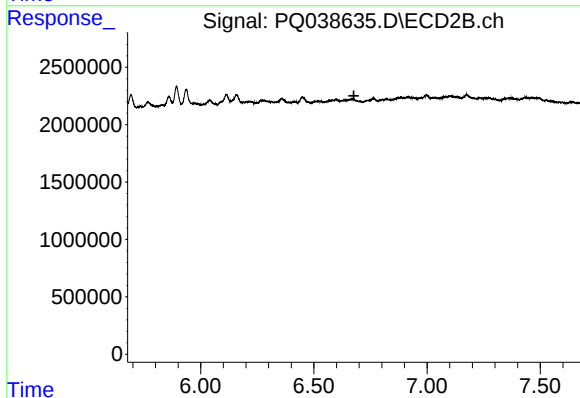
R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 1078268
Conc: 4.15 ng/ml



#29 AR-1254-4

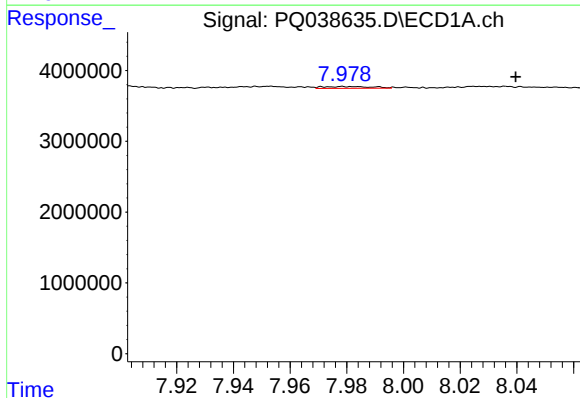
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 455112
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



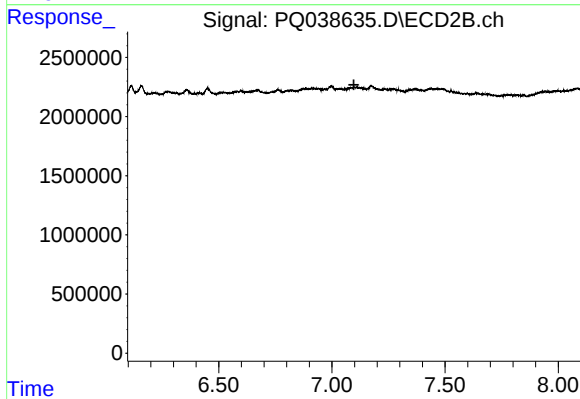
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.677 min
Response: 0
Conc: N.D.



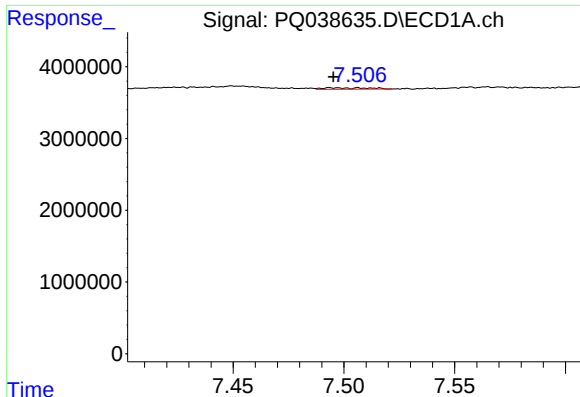
#30 AR-1254-5

R.T.: 7.979 min
Delta R.T.: -0.060 min
Response: 312113
Conc: 1.18 ng/ml



#30 AR-1254-5

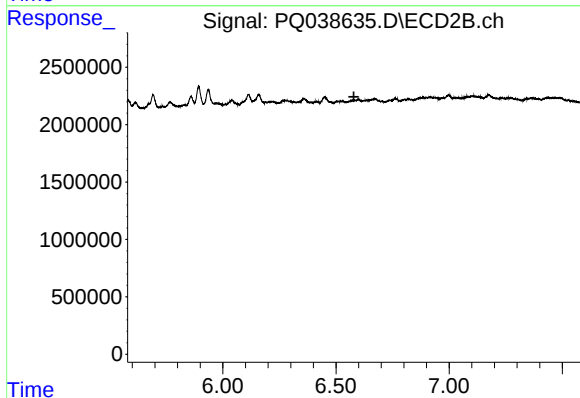
R.T.: 0.000 min
Exp R.T. : 7.097 min
Response: 0
Conc: N.D.



#31 AR-1260-1

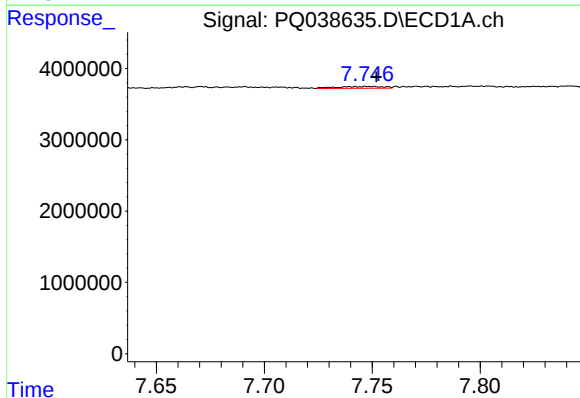
R.T.: 7.494 min
Delta R.T.: -0.001 min
Response: 271175
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



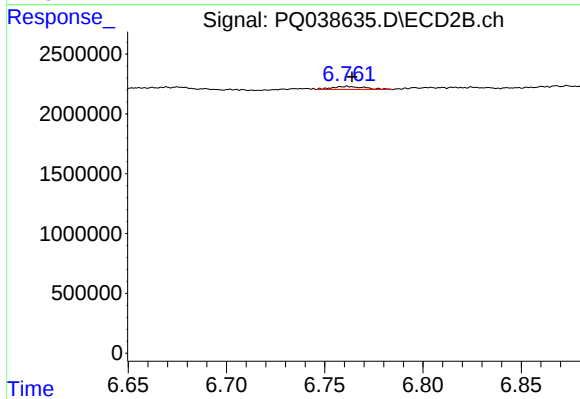
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



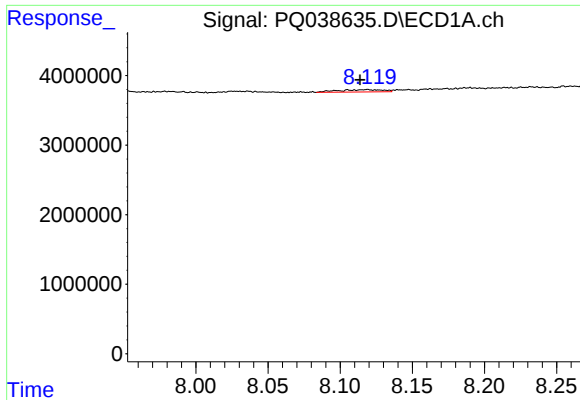
#32 AR-1260-2

R.T.: 7.748 min
Delta R.T.: -0.003 min
Response: 384654
Conc: 1.30 ng/ml



#32 AR-1260-2

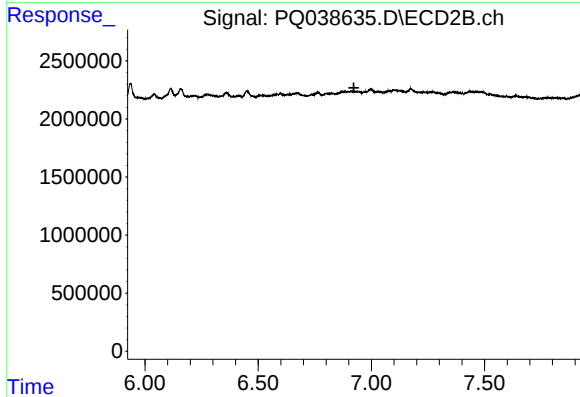
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 276072
Conc: 1.27 ng/ml



#33 AR-1260-3

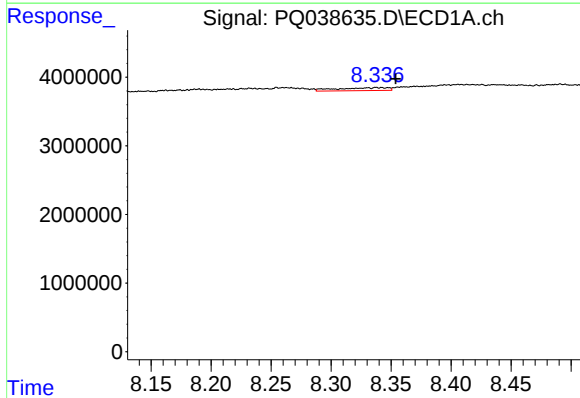
R.T.: 8.119 min
Delta R.T.: 0.005 min
Response: 723108
Conc: 3.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



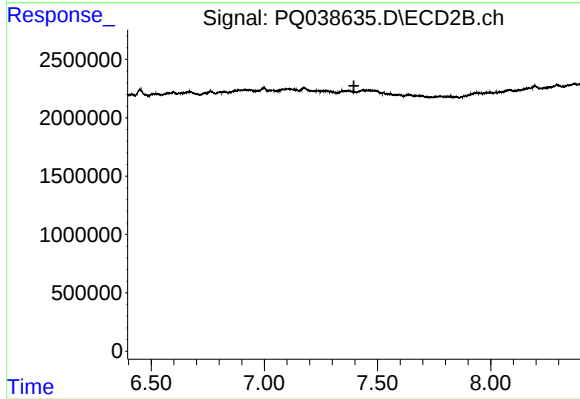
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



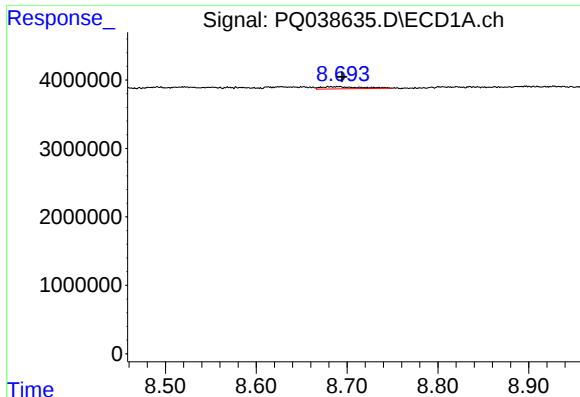
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.012 min
Response: 1298920
Conc: 4.90 ng/ml



#34 AR-1260-4

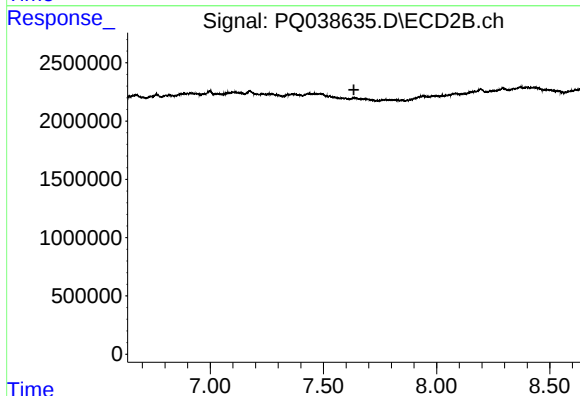
R.T.: 0.000 min
Exp R.T. : 7.396 min
Response: 0
Conc: N.D.



#35 AR-1260-5

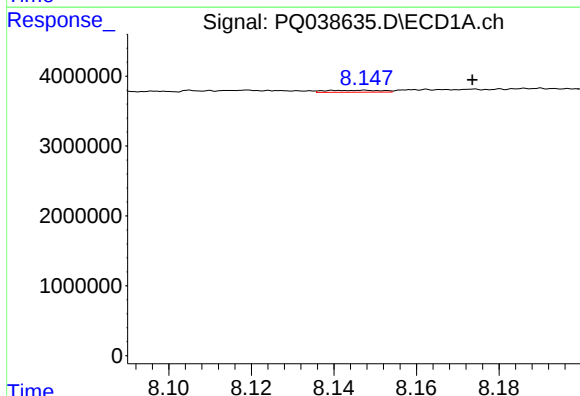
R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 959223
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



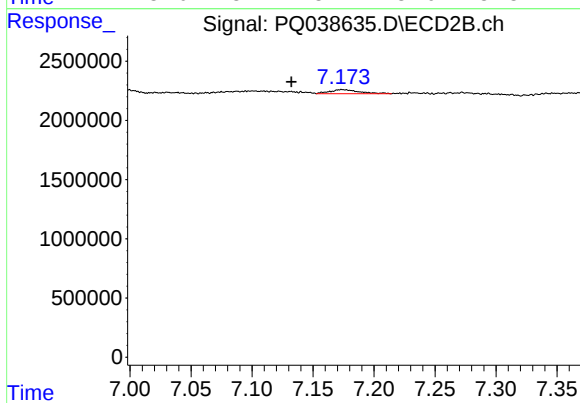
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



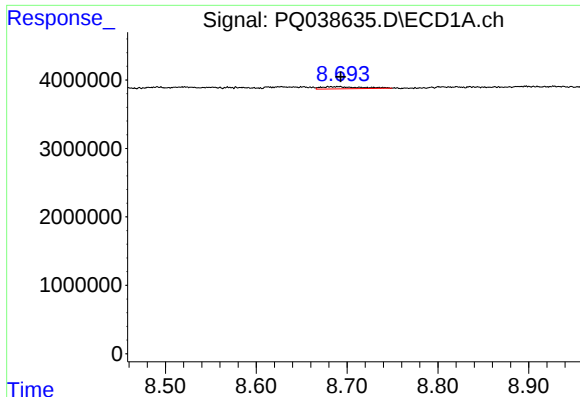
#36 AR-1262-1

R.T.: 8.147 min
Delta R.T.: -0.026 min
Response: 261100
Conc: 2.06 ng/ml



#36 AR-1262-1

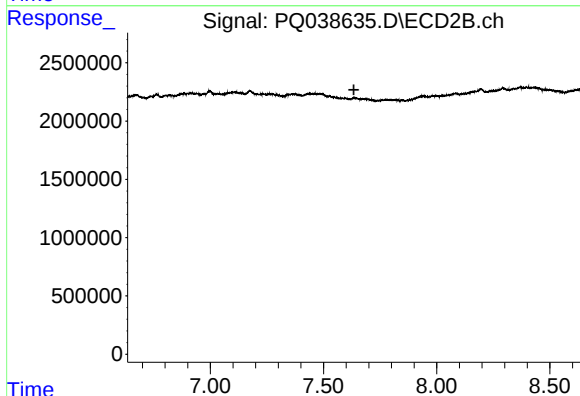
R.T.: 7.174 min
Delta R.T.: 0.042 min
Response: 579566
Conc: 2.42 ng/ml



#37 AR-1262-2

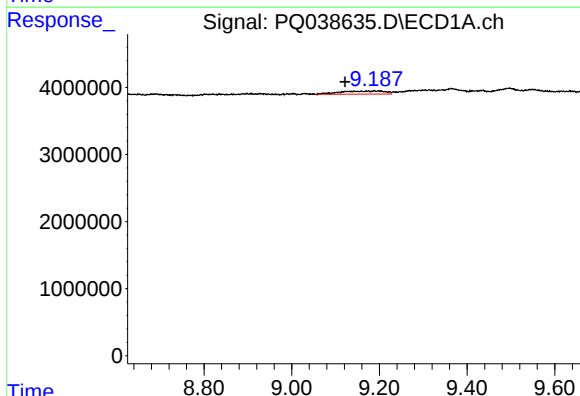
R.T.: 8.683 min
Delta R.T.: -0.010 min
Response: 959223
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



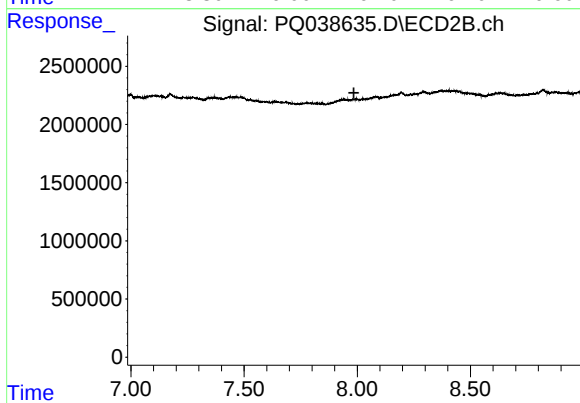
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



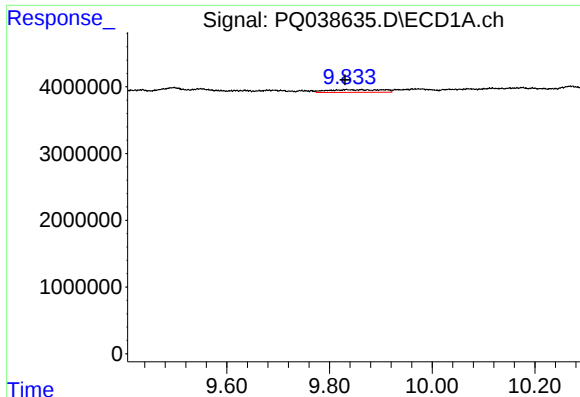
#39 AR-1262-4

R.T.: 9.175 min
Delta R.T.: 0.053 min
Response: 3275469
Conc: 11.34 ng/ml



#39 AR-1262-4

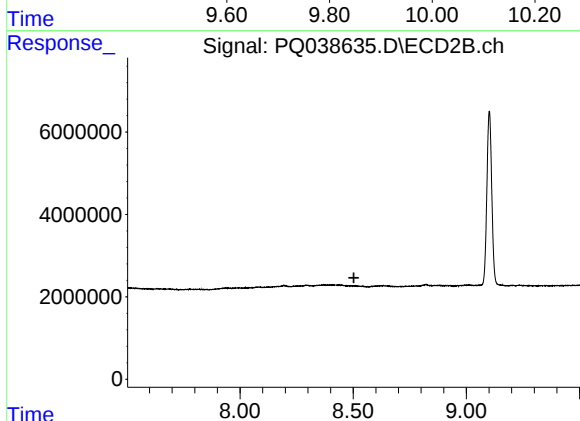
R.T.: 0.000 min
Exp R.T. : 7.985 min
Response: 0
Conc: N.D.



#40 AR-1262-5

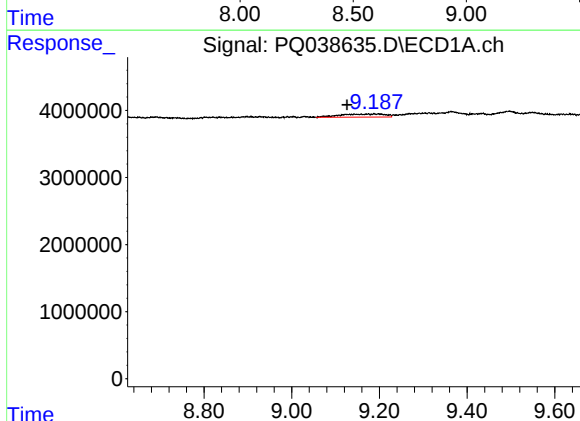
R.T.: 9.833 min
Delta R.T.: 0.003 min
Response: 2907036
Conc: 16.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



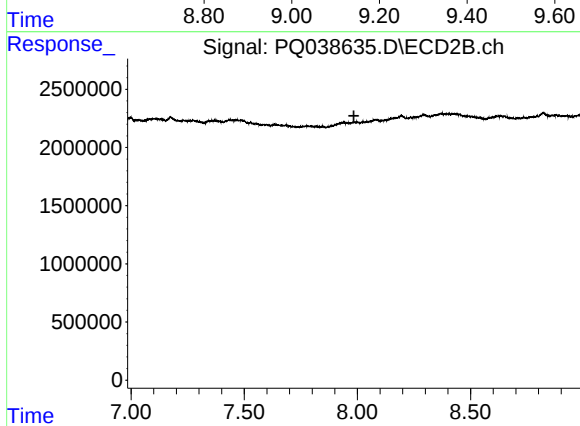
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.503 min
Response: 0
Conc: N.D.



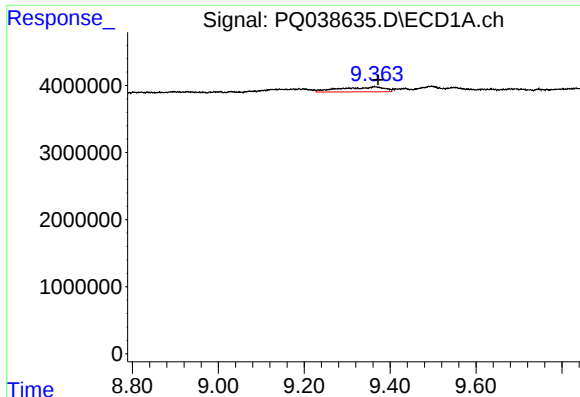
#42 AR-1268-2

R.T.: 9.175 min
Delta R.T.: 0.049 min
Response: 3275469
Conc: 5.34 ng/ml



#42 AR-1268-2

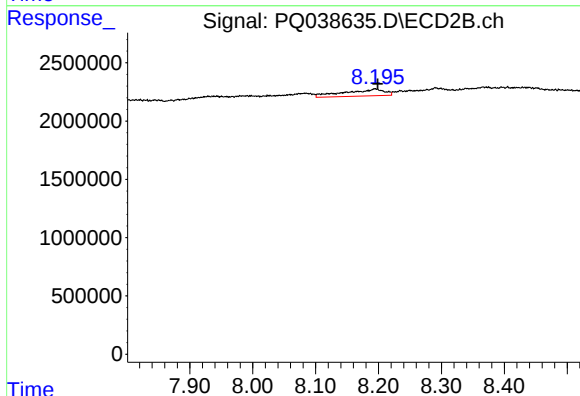
R.T.: 0.000 min
Exp R.T. : 7.985 min
Response: 0
Conc: N.D.



#43 AR-1268-3

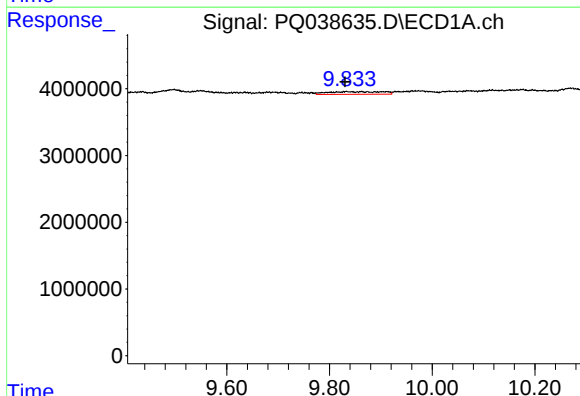
R.T.: 9.364 min
Delta R.T.: -0.008 min
Response: 5231922
Conc: 10.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



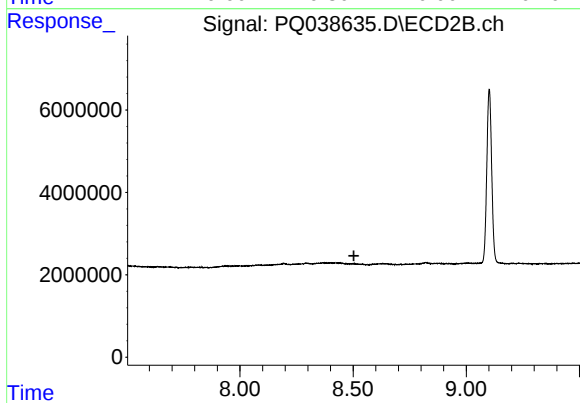
#43 AR-1268-3

R.T.: 8.195 min
Delta R.T.: -0.004 min
Response: 2543569
Conc: 7.14 ng/ml



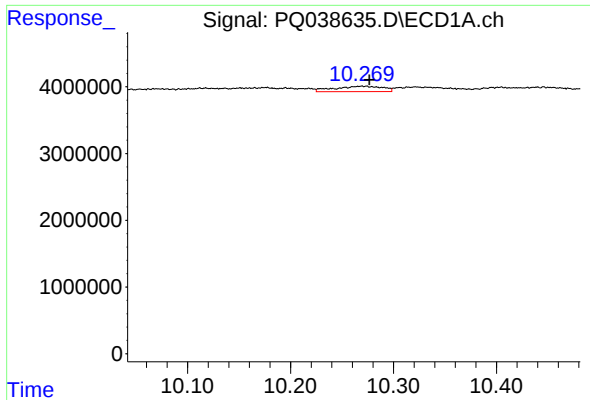
#44 AR-1268-4

R.T.: 9.833 min
Delta R.T.: 0.002 min
Response: 2907036
Conc: 13.29 ng/ml



#44 AR-1268-4

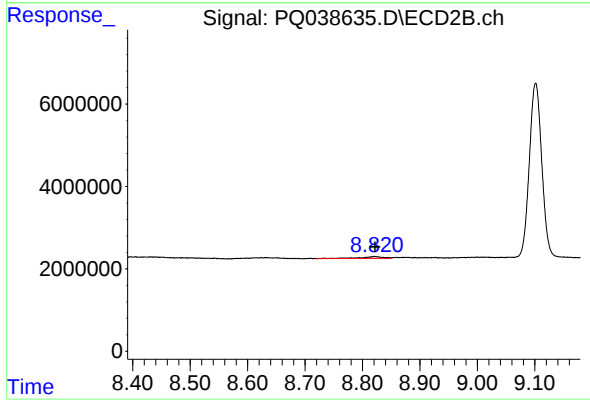
R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.007 min
Response: 2652242
Conc: 1.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 1258751
Conc: 1.09 ng/ml