

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101022\
 Data File : PQ059549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2022 15:32
 Operator : YP\AJ
 Sample : N4982-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 16:47:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 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...	3.483	2.830	268.3E6	189.5E6	19.483	20.924
2)	SA Decachlor...	8.653	7.605	180.5E6	269.0E6	36.337	35.226
Target Compounds							
3)	L1 AR-1016-1	4.583	3.833	2239118	1426825	5.339	5.060
4)	L1 AR-1016-2	4.613	3.833	1186695	1426825	1.914	3.359 #
5)	L1 AR-1016-3	4.664	4.016	3168327	1255049	8.027	5.643 #
6)	L1 AR-1016-4	4.729	4.084	6871605	1939115	20.868	11.342 #
7)	L1 AR-1016-5	5.047	4.256	2440610	3805787	7.780	16.892 #
8)	L2 AR-1221-1	3.716	3.024	151268	390911	1.023	3.935 #
9)	L2 AR-1221-2	3.762	3.101	3830902	2735286	37.015	39.960
10)	L2 AR-1221-3	3.844	3.201	316903	980169	0.952	4.274 #
11)	L3 AR-1232-1	3.844	3.201	316903	980169	1.126	5.090 #
12)	L3 AR-1232-2	4.312	3.833	771865	1426825	5.254	7.576 #
13)	L3 AR-1232-3	4.613	4.016	1186695	1255049	4.158	12.870 #
14)	L3 AR-1232-4	4.729	4.115	6871605	1467732	45.928	17.980 #
15)	L3 AR-1232-5	4.851	4.256	680038	3805787	6.479	39.857 #
16)	L4 AR-1242-1	4.583	3.833	2239118	1426825	6.428	6.149
17)	L4 AR-1242-2	4.613	3.833	1186695	1426825	2.320	4.093 #
18)	L4 AR-1242-3	4.664	4.016	3168327	1255049	9.797	6.868 #
19)	L4 AR-1242-4	4.729	4.115	6871605	1467732	25.501	8.702 #
20)	L4 AR-1242-5	5.464	4.594	651857	8043093	2.425	36.360 #
21)	L5 AR-1248-1	4.583	3.833	2239118	1426825	8.442	8.026
22)	L5 AR-1248-2	4.851	4.084	680038	1939115	1.907	7.681 #
23)	L5 AR-1248-3	5.047	4.115	2440610	1467732	5.683	5.813
24)	L5 AR-1248-4	5.421	4.256	8686059	3805787	18.687	12.185 #
25)	L5 AR-1248-5	5.464	4.635	651857	1811365	1.416	5.765 #
26)	L6 AR-1254-1	5.403	4.594	8705087	8043093	18.151	16.452
27)	L6 AR-1254-2	5.613	4.750	9050653	1478650	12.169	3.414 #
28)	L6 AR-1254-3	5.950	5.102	12645964	10369189	16.162	14.964
29)	L6 AR-1254-4	6.291f	5.334	254538	773814	0.466	1.797 #
30)	L6 AR-1254-5	0.000	5.786	0	644557	N.D.	1.041 #
31)	L7 AR-1260-1	6.148	5.252	103576	6312592	0.186	14.010 #
32)	L7 AR-1260-2	6.408	5.457	190892	1078999	0.299	1.962 #
33)	L7 AR-1260-3	0.000	5.642f	0	484180	N.D.	0.933 #
34)	L7 AR-1260-4	6.929f	6.047	2228105	674081	4.621	1.525 #
35)	L7 AR-1260-5	0.000	6.251f	0	2164593	N.D.	2.122 #
36)	L8 AR-1262-1	0.000	5.786	0	644557	N.D.	1.011 #
37)	L8 AR-1262-2	0.000	6.251f	0	2164593	N.D.	1.851 #
39)	L8 AR-1262-4	0.000	6.648	0	254538	N.D.	0.290 #
40)	L8 AR-1262-5	0.000	7.122	0	154322	N.D.	0.388 #
42)	L9 AR-1268-2	0.000	6.648	0	254538	N.D.	0.197 #
43)	L9 AR-1268-3	0.000	6.828	0	820694	N.D.	0.743 #

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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
44) L9	AR-1268-4	0.000	7.122	0	154322	N.D.	0.341 #
45) L9	AR-1268-5	8.417	7.387	1032045	1775101	0.458	0.496

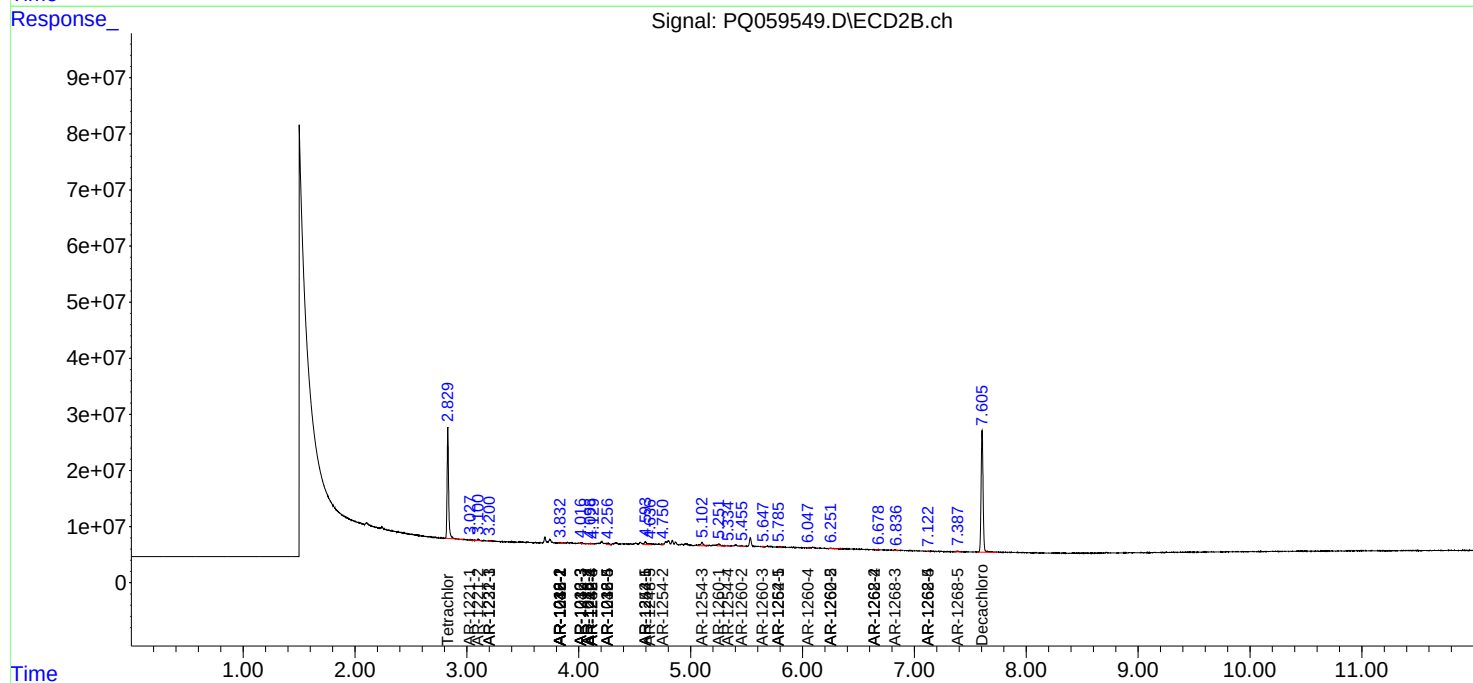
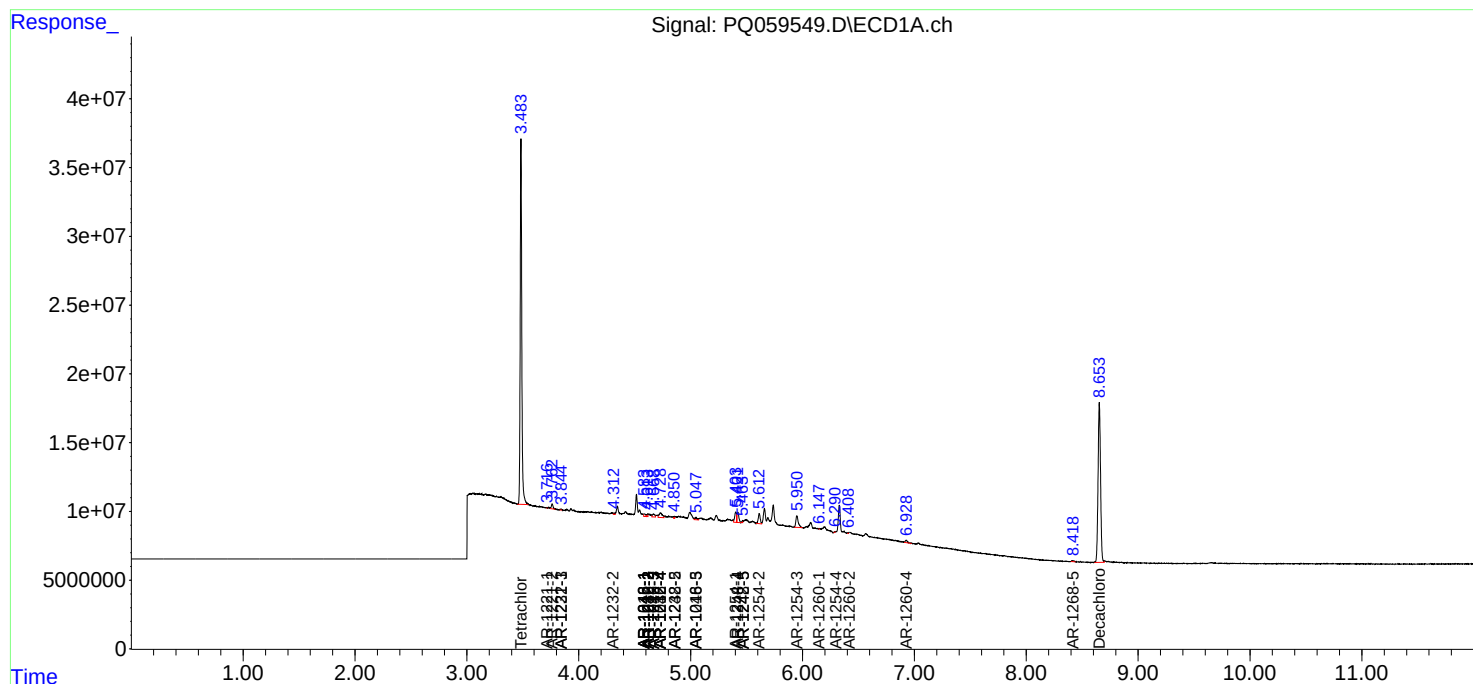
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

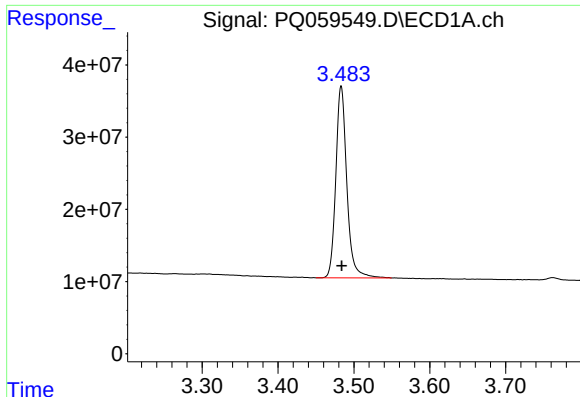
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

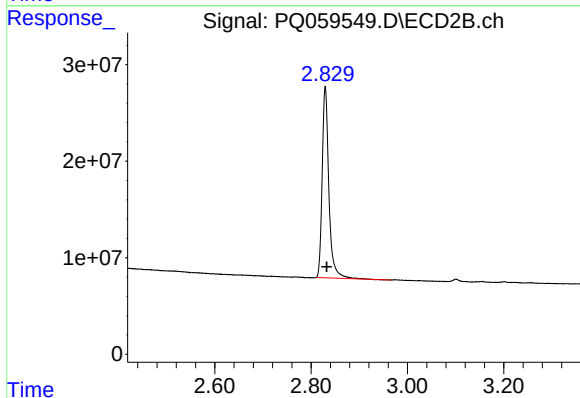




#1 Tetrachloro-m-xylene

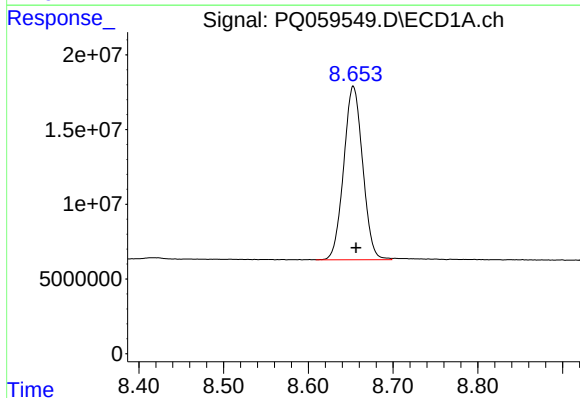
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 268258070
Conc: 19.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



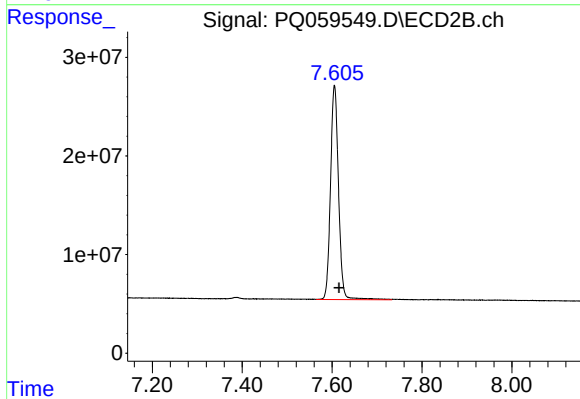
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.003 min
Response: 189542141
Conc: 20.92 ng/ml



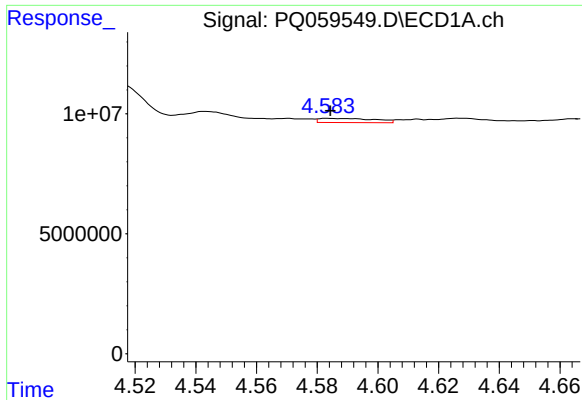
#2 Decachlorobiphenyl

R.T.: 8.653 min
Delta R.T.: -0.003 min
Response: 180451622
Conc: 36.34 ng/ml



#2 Decachlorobiphenyl

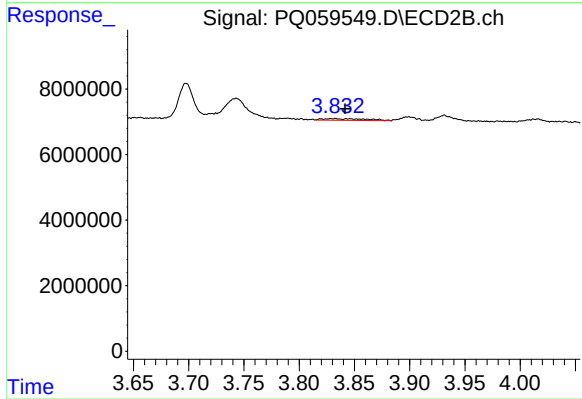
R.T.: 7.605 min
Delta R.T.: -0.010 min
Response: 268991782
Conc: 35.23 ng/ml



#3 AR-1016-1

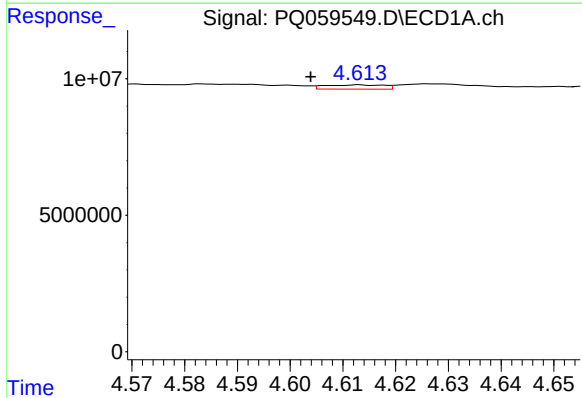
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 2239118
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



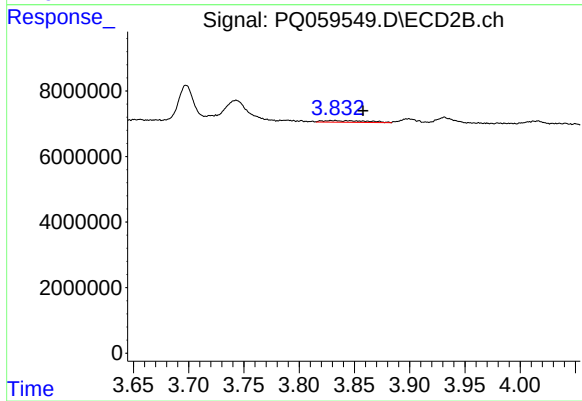
#3 AR-1016-1

R.T.: 3.833 min
Delta R.T.: -0.009 min
Response: 1426825
Conc: 5.06 ng/ml



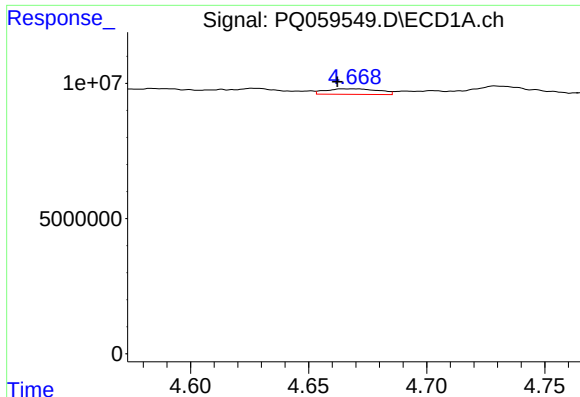
#4 AR-1016-2

R.T.: 4.613 min
Delta R.T.: 0.009 min
Response: 1186695
Conc: 1.91 ng/ml



#4 AR-1016-2

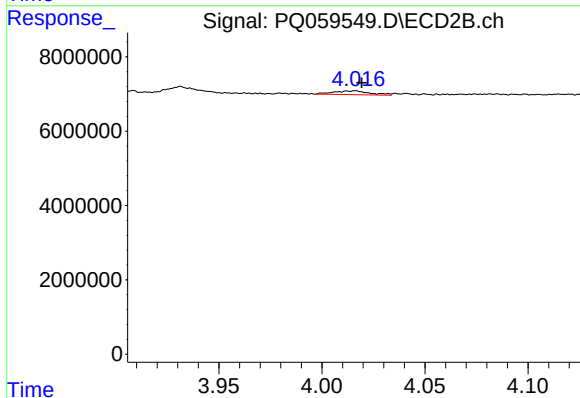
R.T.: 3.833 min
Delta R.T.: -0.025 min
Response: 1426825
Conc: 3.36 ng/ml



#5 AR-1016-3

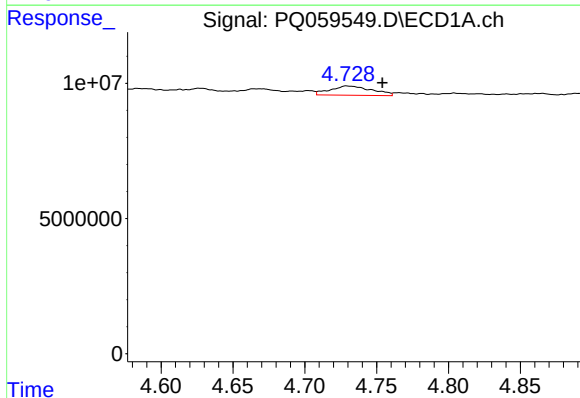
R.T.: 4.664 min
Delta R.T.: 0.002 min
Response: 3168327
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



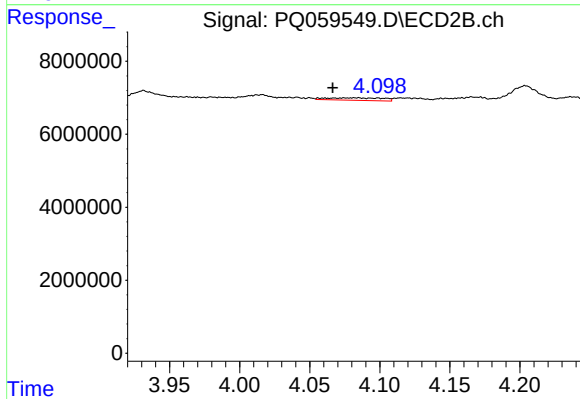
#5 AR-1016-3

R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 1255049
Conc: 5.64 ng/ml



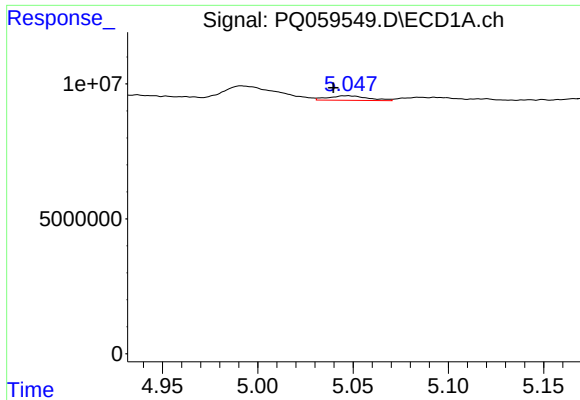
#6 AR-1016-4

R.T.: 4.729 min
Delta R.T.: -0.025 min
Response: 6871605
Conc: 20.87 ng/ml



#6 AR-1016-4

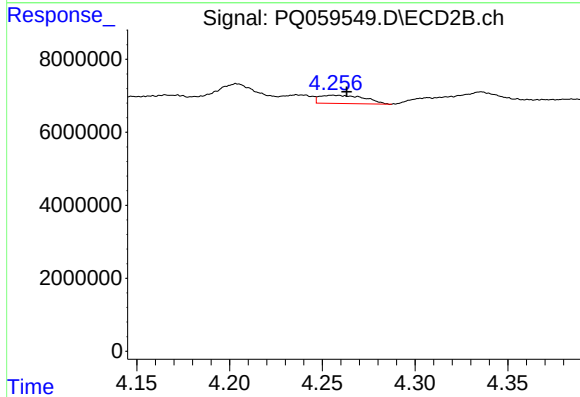
R.T.: 4.084 min
Delta R.T.: 0.018 min
Response: 1939115
Conc: 11.34 ng/ml



#7 AR-1016-5

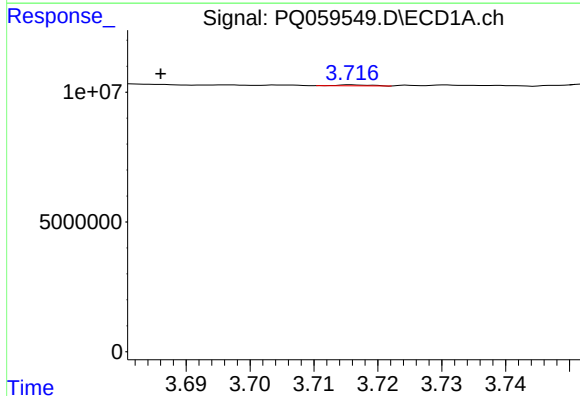
R.T.: 5.047 min
Delta R.T.: 0.008 min
Response: 2440610
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



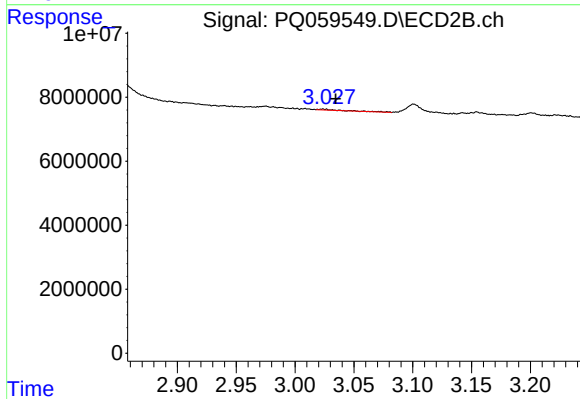
#7 AR-1016-5

R.T.: 4.256 min
Delta R.T.: -0.007 min
Response: 3805787
Conc: 16.89 ng/ml



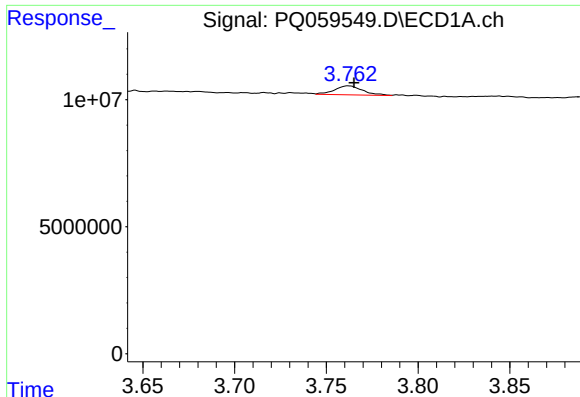
#8 AR-1221-1

R.T.: 3.716 min
Delta R.T.: 0.030 min
Response: 151268
Conc: 1.02 ng/ml



#8 AR-1221-1

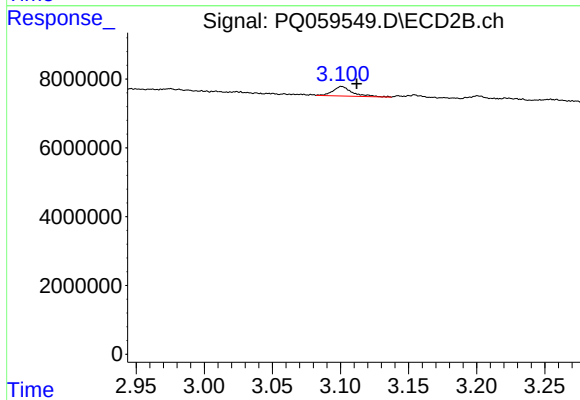
R.T.: 3.024 min
Delta R.T.: -0.011 min
Response: 390911
Conc: 3.94 ng/ml



#9 AR-1221-2

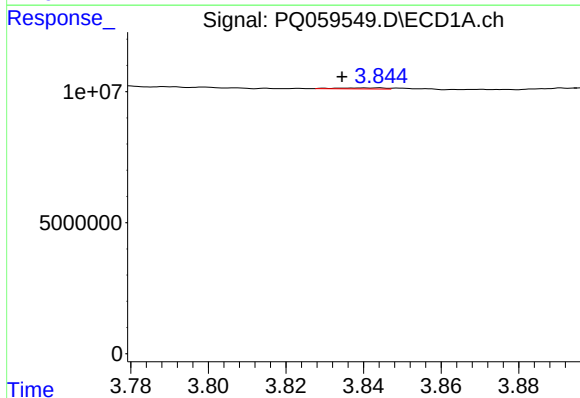
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 3830902
Conc: 37.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



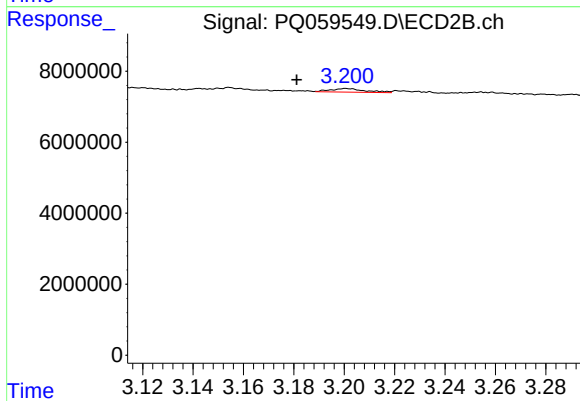
#9 AR-1221-2

R.T.: 3.101 min
Delta R.T.: -0.011 min
Response: 2735286
Conc: 39.96 ng/ml



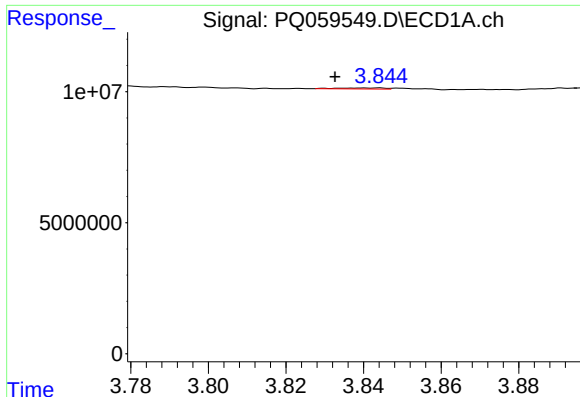
#10 AR-1221-3

R.T.: 3.844 min
Delta R.T.: 0.010 min
Response: 316903
Conc: 0.95 ng/ml



#10 AR-1221-3

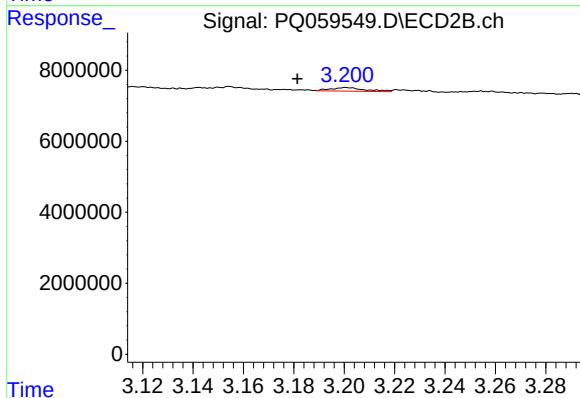
R.T.: 3.201 min
Delta R.T.: 0.020 min
Response: 980169
Conc: 4.27 ng/ml



#11 AR-1232-1

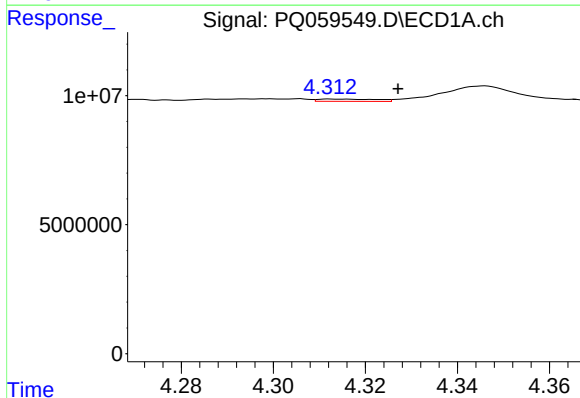
R.T.: 3.844 min
Delta R.T.: 0.011 min
Response: 316903
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



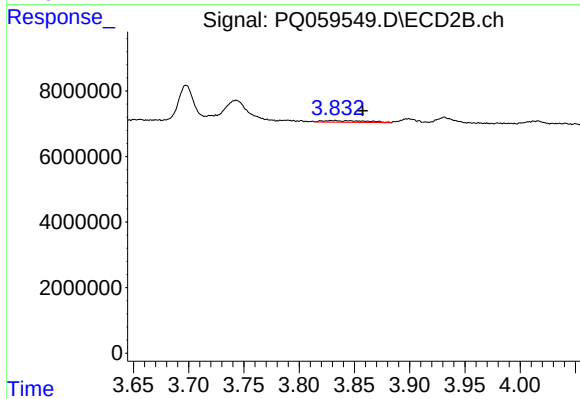
#11 AR-1232-1

R.T.: 3.201 min
Delta R.T.: 0.020 min
Response: 980169
Conc: 5.09 ng/ml



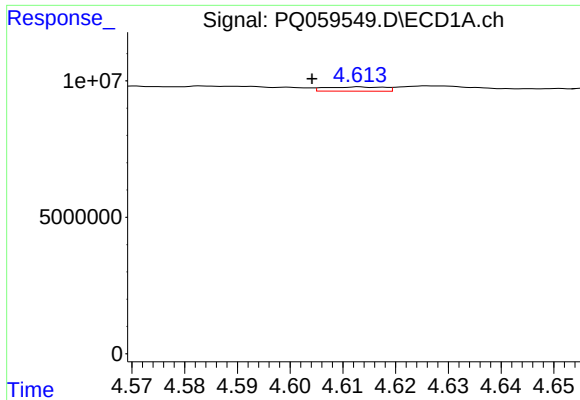
#12 AR-1232-2

R.T.: 4.312 min
Delta R.T.: -0.015 min
Response: 771865
Conc: 5.25 ng/ml



#12 AR-1232-2

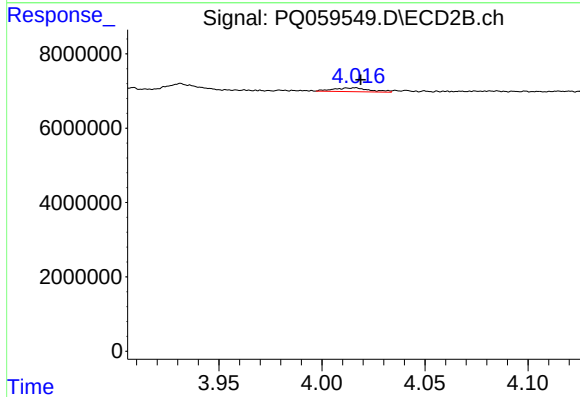
R.T.: 3.833 min
Delta R.T.: -0.025 min
Response: 1426825
Conc: 7.58 ng/ml



#13 AR-1232-3

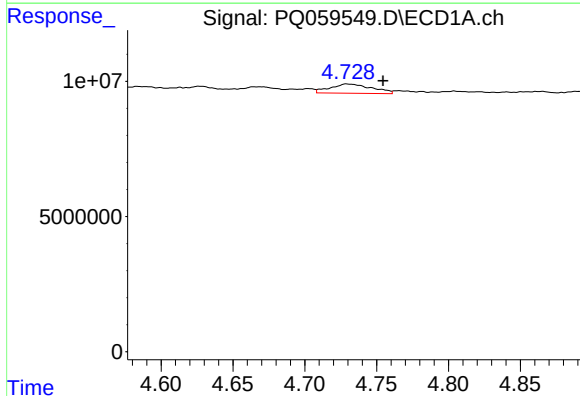
R.T.: 4.613 min
Delta R.T.: 0.009 min
Response: 1186695
Conc: 4.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



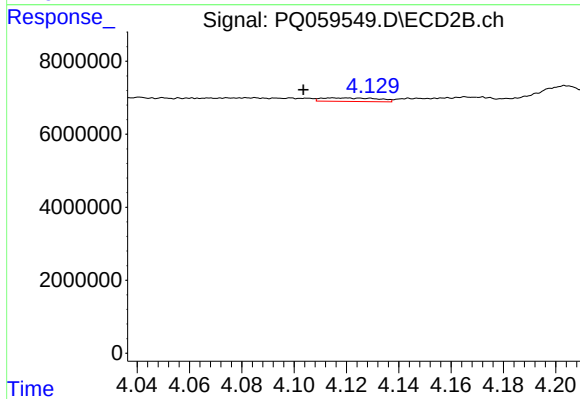
#13 AR-1232-3

R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 1255049
Conc: 12.87 ng/ml



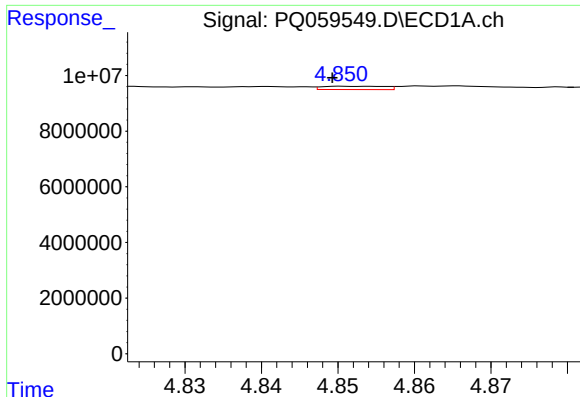
#14 AR-1232-4

R.T.: 4.729 min
Delta R.T.: -0.026 min
Response: 6871605
Conc: 45.93 ng/ml



#14 AR-1232-4

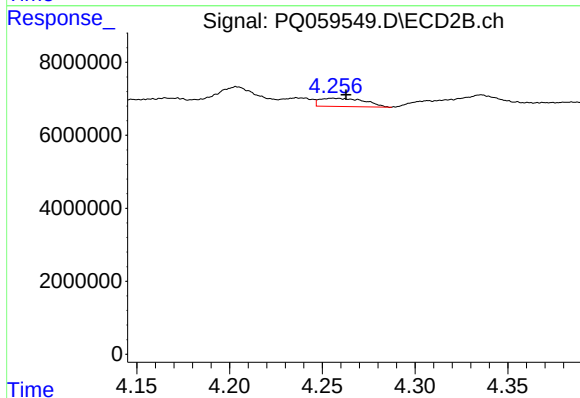
R.T.: 4.115 min
Delta R.T.: 0.011 min
Response: 1467732
Conc: 17.98 ng/ml



#15 AR-1232-5

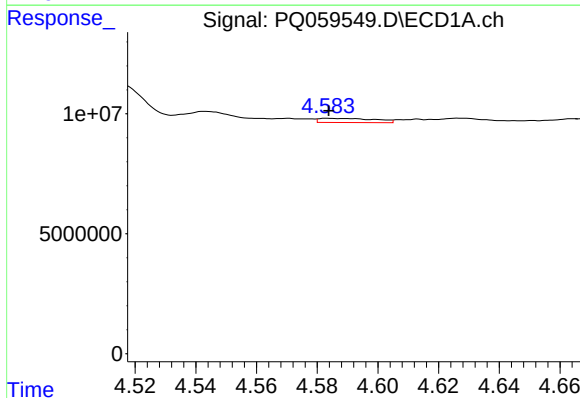
R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 680038
Conc: 6.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



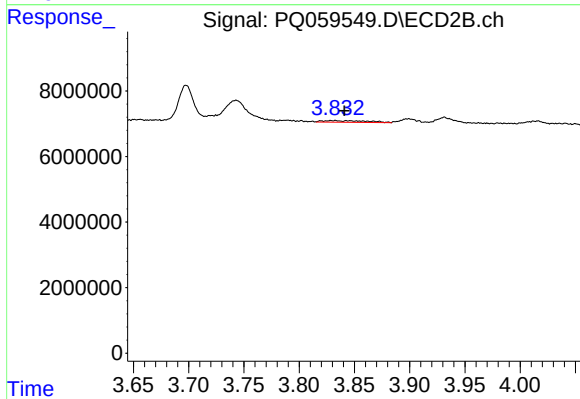
#15 AR-1232-5

R.T.: 4.256 min
Delta R.T.: -0.007 min
Response: 3805787
Conc: 39.86 ng/ml



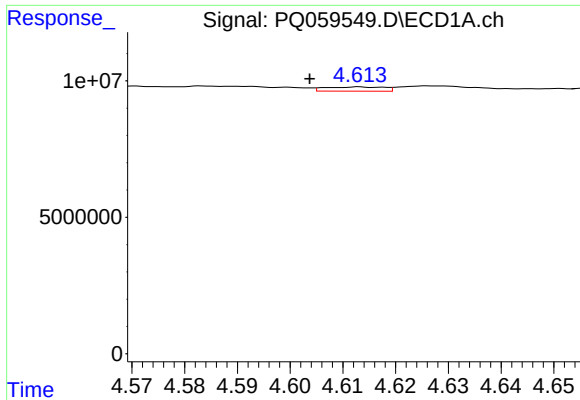
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2239118
Conc: 6.43 ng/ml



#16 AR-1242-1

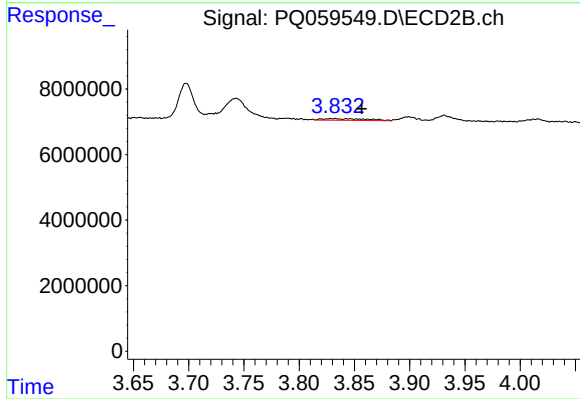
R.T.: 3.833 min
Delta R.T.: -0.008 min
Response: 1426825
Conc: 6.15 ng/ml



#17 AR-1242-2

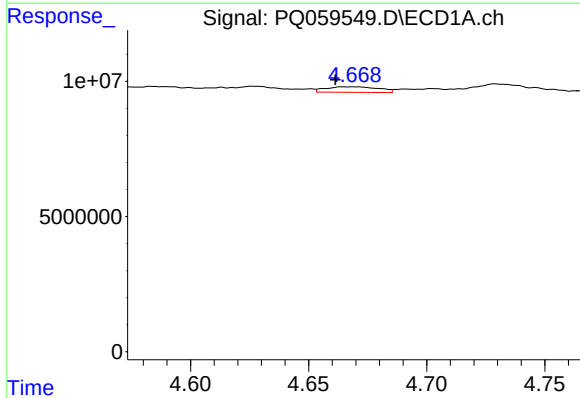
R.T.: 4.613 min
Delta R.T.: 0.009 min
Response: 1186695
Conc: 2.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



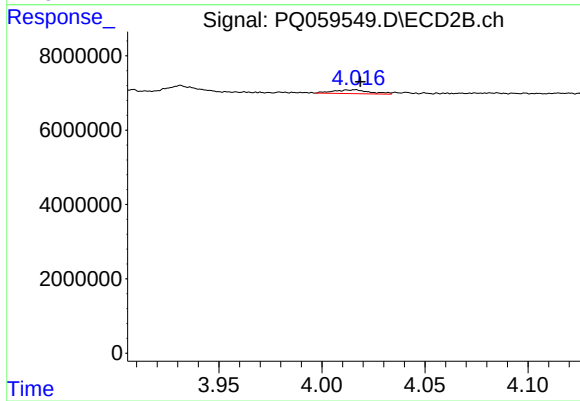
#17 AR-1242-2

R.T.: 3.833 min
Delta R.T.: -0.024 min
Response: 1426825
Conc: 4.09 ng/ml



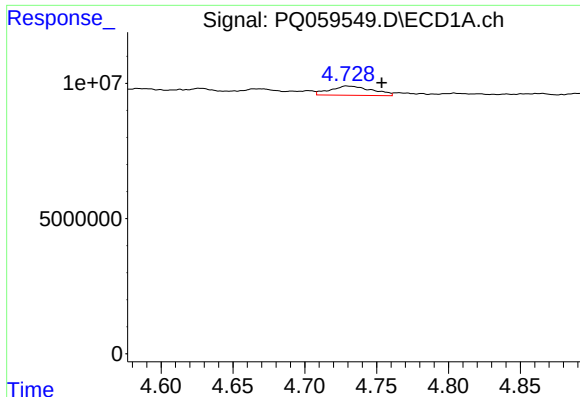
#18 AR-1242-3

R.T.: 4.664 min
Delta R.T.: 0.003 min
Response: 3168327
Conc: 9.80 ng/ml



#18 AR-1242-3

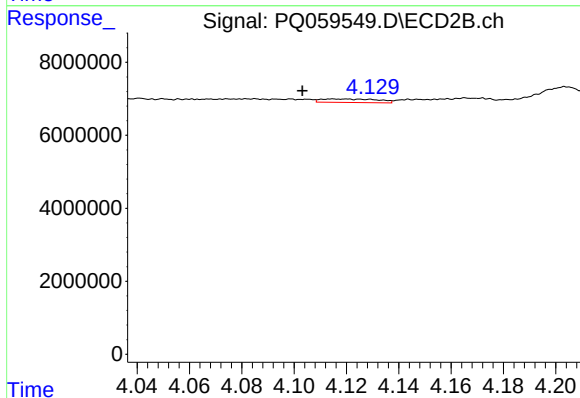
R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 1255049
Conc: 6.87 ng/ml



#19 AR-1242-4

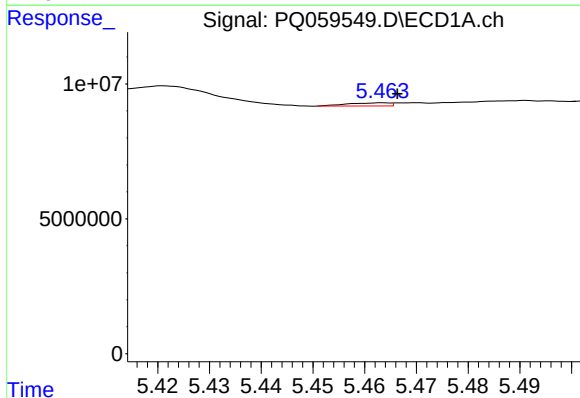
R.T.: 4.729 min
Delta R.T.: -0.025 min
Response: 6871605
Conc: 25.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



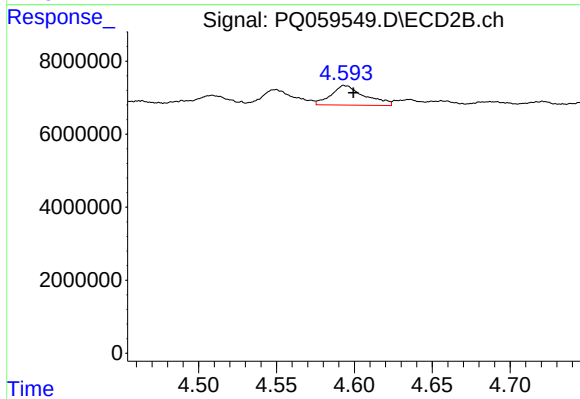
#19 AR-1242-4

R.T.: 4.115 min
Delta R.T.: 0.012 min
Response: 1467732
Conc: 8.70 ng/ml



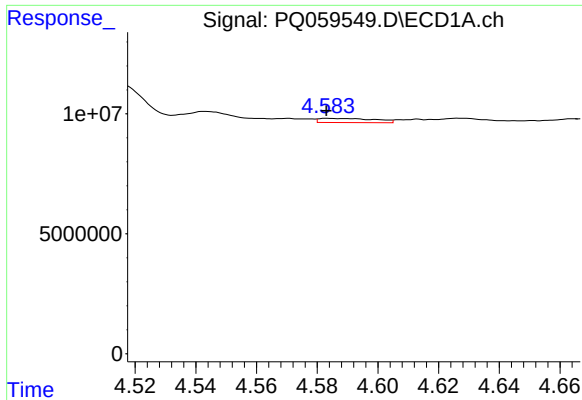
#20 AR-1242-5

R.T.: 5.464 min
Delta R.T.: -0.003 min
Response: 651857
Conc: 2.43 ng/ml



#20 AR-1242-5

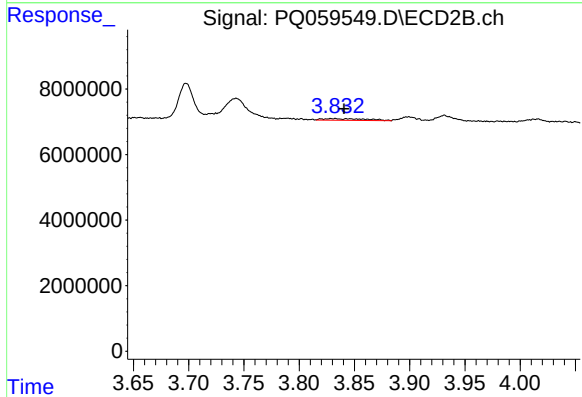
R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 8043093
Conc: 36.36 ng/ml



#21 AR-1248-1

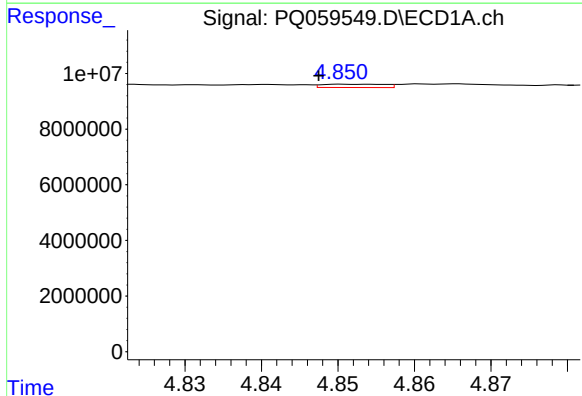
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2239118
Conc: 8.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



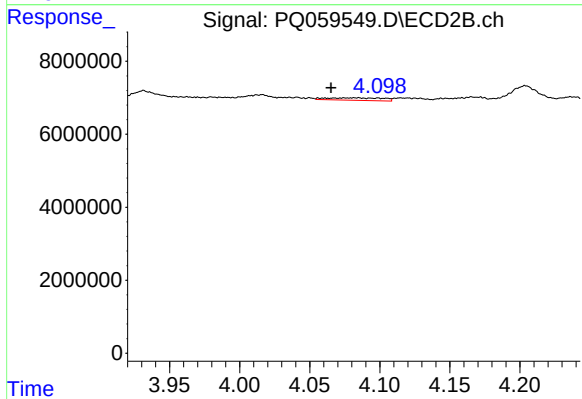
#21 AR-1248-1

R.T.: 3.833 min
Delta R.T.: -0.008 min
Response: 1426825
Conc: 8.03 ng/ml



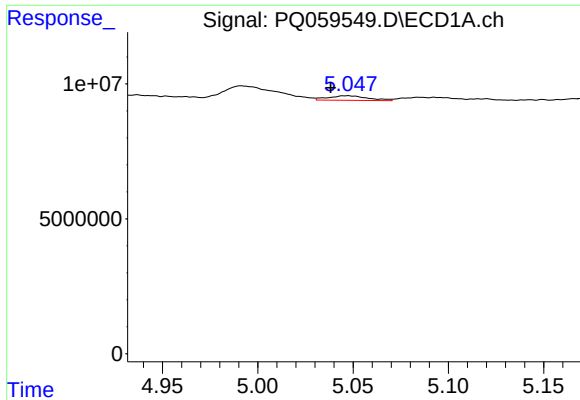
#22 AR-1248-2

R.T.: 4.851 min
Delta R.T.: 0.003 min
Response: 680038
Conc: 1.91 ng/ml



#22 AR-1248-2

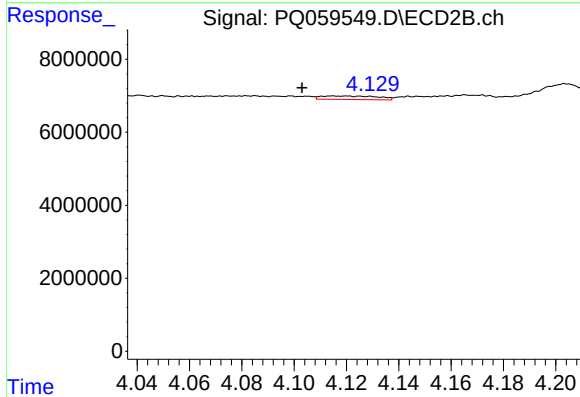
R.T.: 4.084 min
Delta R.T.: 0.019 min
Response: 1939115
Conc: 7.68 ng/ml



#23 AR-1248-3

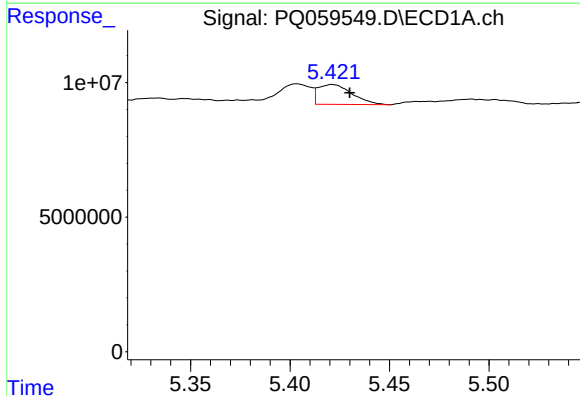
R.T.: 5.047 min
Delta R.T.: 0.009 min
Response: 2440610
Conc: 5.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



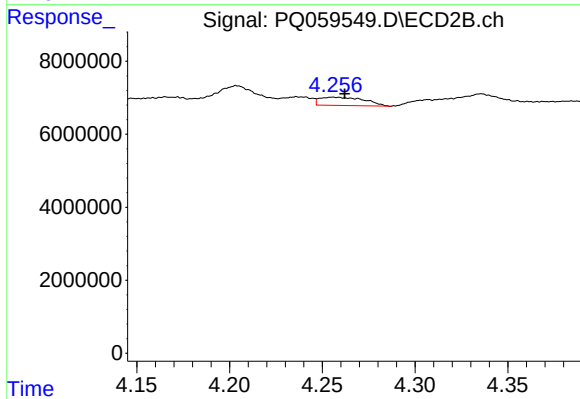
#23 AR-1248-3

R.T.: 4.115 min
Delta R.T.: 0.012 min
Response: 1467732
Conc: 5.81 ng/ml



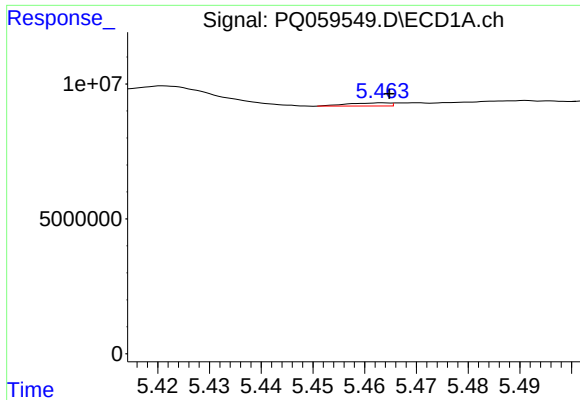
#24 AR-1248-4

R.T.: 5.421 min
Delta R.T.: -0.009 min
Response: 8686059
Conc: 18.69 ng/ml



#24 AR-1248-4

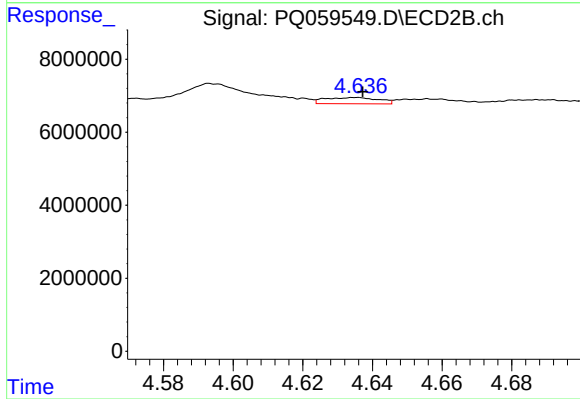
R.T.: 4.256 min
Delta R.T.: -0.006 min
Response: 3805787
Conc: 12.18 ng/ml



#25 AR-1248-5

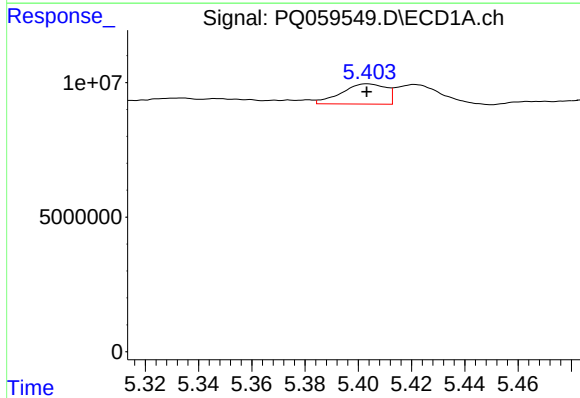
R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 651857
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



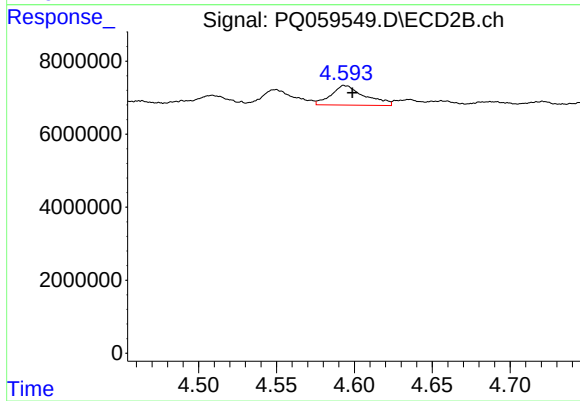
#25 AR-1248-5

R.T.: 4.635 min
Delta R.T.: -0.002 min
Response: 1811365
Conc: 5.76 ng/ml



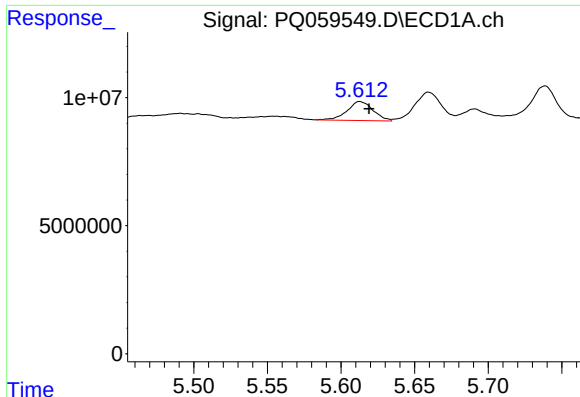
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 8705087
Conc: 18.15 ng/ml



#26 AR-1254-1

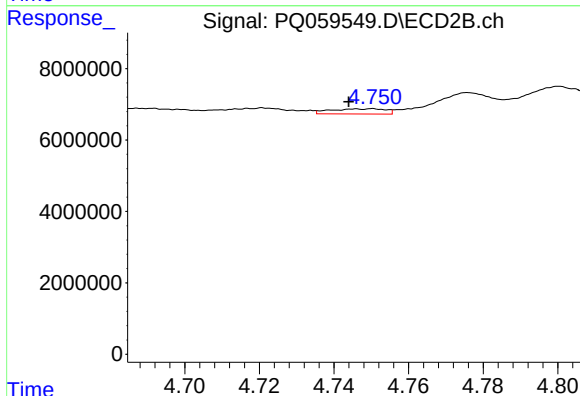
R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 8043093
Conc: 16.45 ng/ml



#27 AR-1254-2

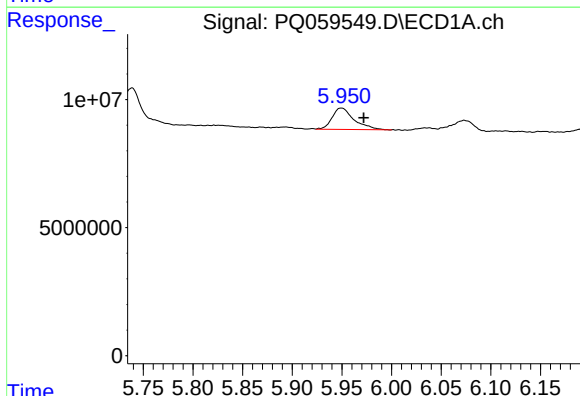
R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 9050653
Conc: 12.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



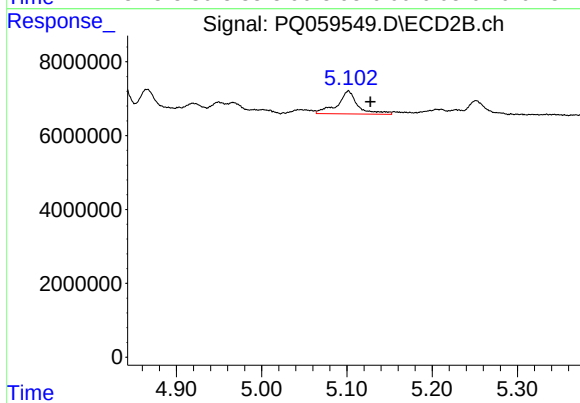
#27 AR-1254-2

R.T.: 4.750 min
Delta R.T.: 0.006 min
Response: 1478650
Conc: 3.41 ng/ml



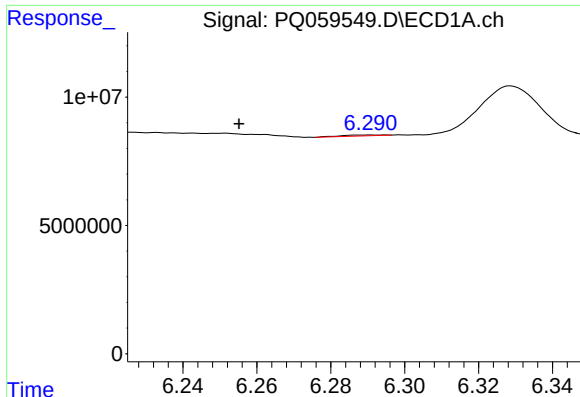
#28 AR-1254-3

R.T.: 5.950 min
Delta R.T.: -0.022 min
Response: 12645964
Conc: 16.16 ng/ml



#28 AR-1254-3

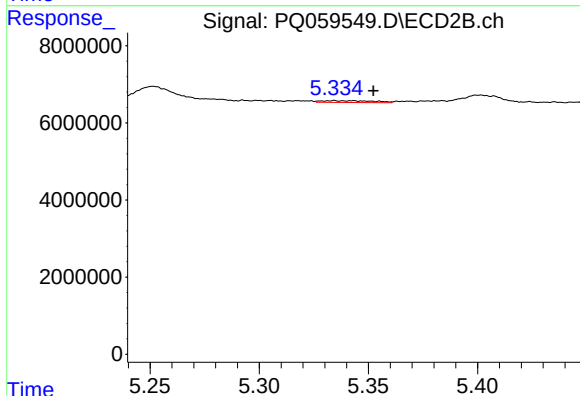
R.T.: 5.102 min
Delta R.T.: -0.026 min
Response: 10369189
Conc: 14.96 ng/ml



#29 AR-1254-4

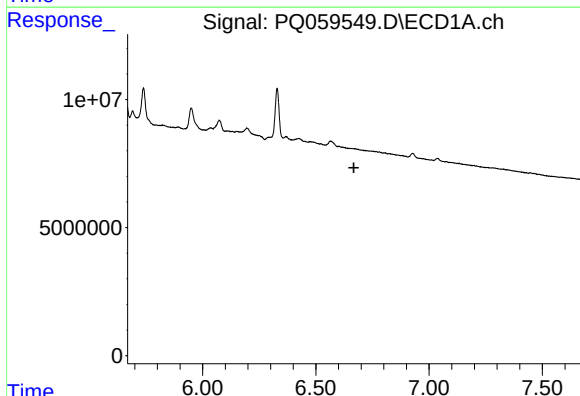
R.T.: 6.291 min
Delta R.T.: 0.036 min
Response: 254538
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



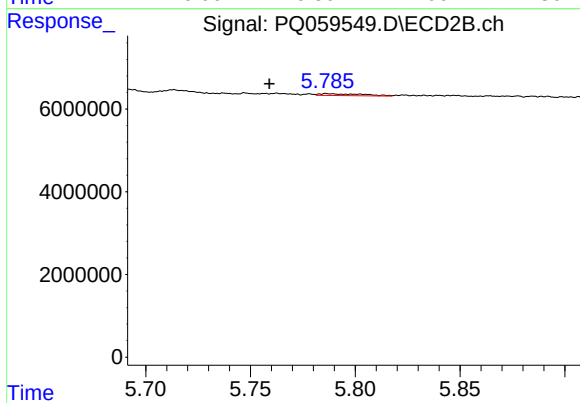
#29 AR-1254-4

R.T.: 5.334 min
Delta R.T.: -0.018 min
Response: 773814
Conc: 1.80 ng/ml



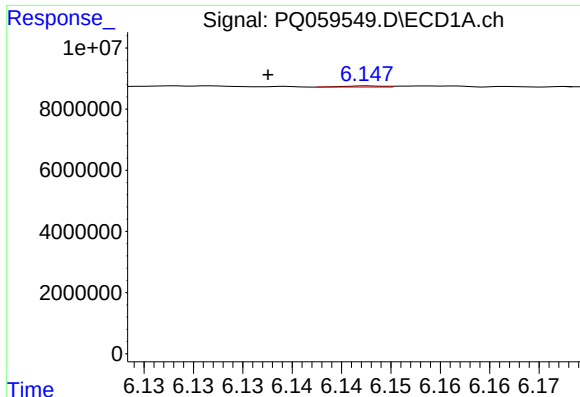
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



#30 AR-1254-5

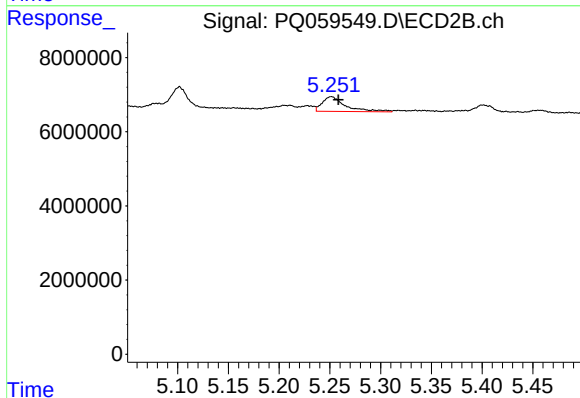
R.T.: 5.786 min
Delta R.T.: 0.027 min
Response: 644557
Conc: 1.04 ng/ml



#31 AR-1260-1

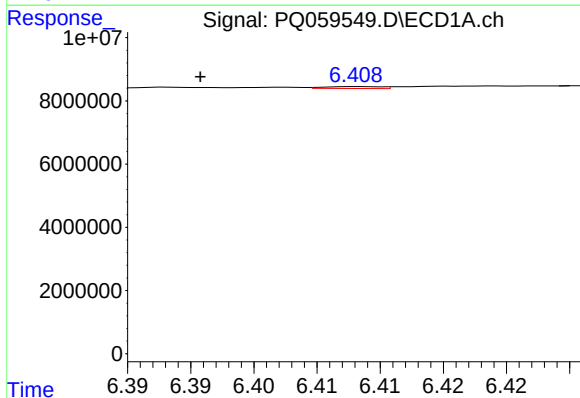
R.T.: 6.148 min
Delta R.T.: 0.010 min
Response: 103576
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



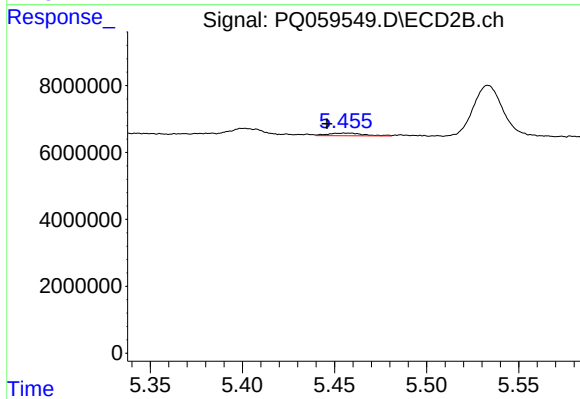
#31 AR-1260-1

R.T.: 5.252 min
Delta R.T.: -0.007 min
Response: 6312592
Conc: 14.01 ng/ml



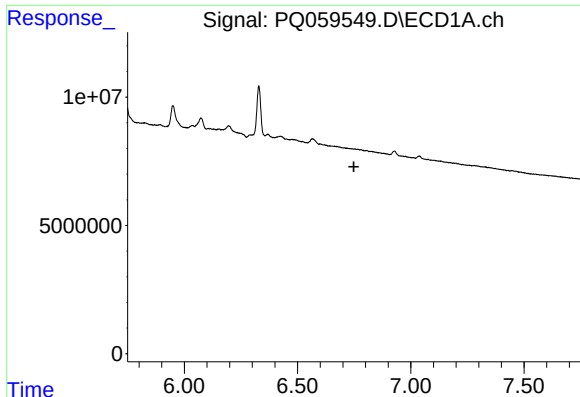
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: 0.013 min
Response: 190892
Conc: 0.30 ng/ml



#32 AR-1260-2

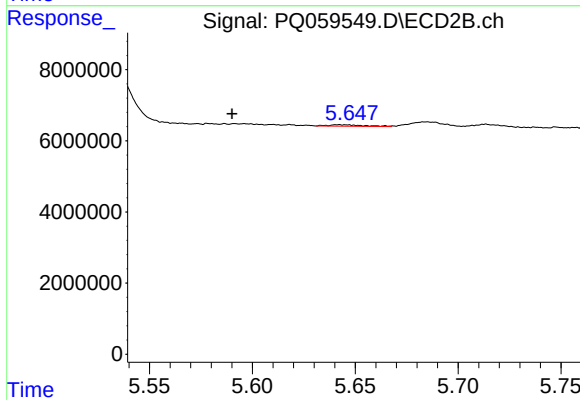
R.T.: 5.457 min
Delta R.T.: 0.011 min
Response: 1078999
Conc: 1.96 ng/ml



#33 AR-1260-3

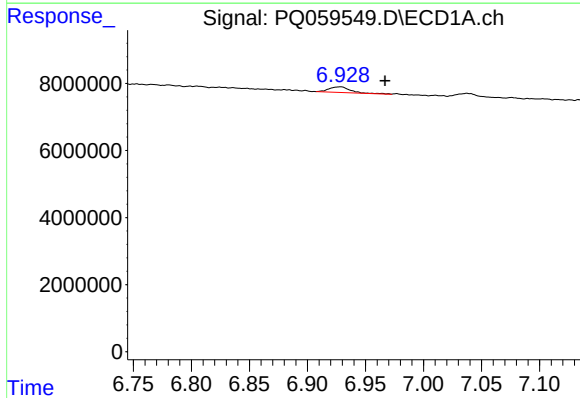
R.T.: 0.000 min
Exp R.T.: 6.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



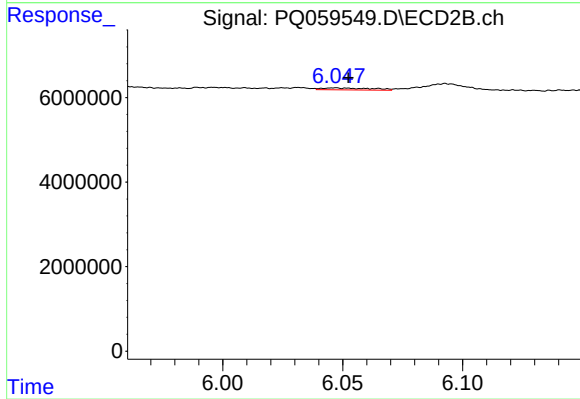
#33 AR-1260-3

R.T.: 5.642 min
Delta R.T.: 0.052 min
Response: 484180
Conc: 0.93 ng/ml



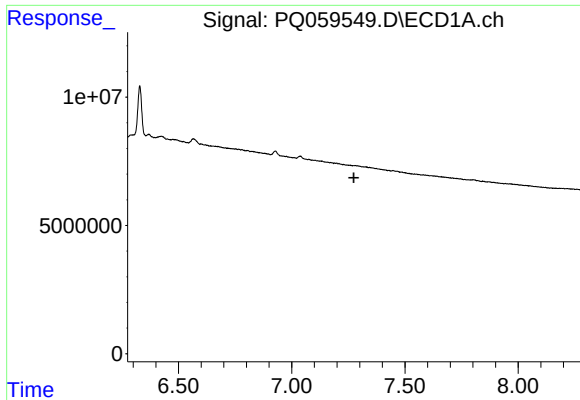
#34 AR-1260-4

R.T.: 6.929 min
Delta R.T.: -0.038 min
Response: 2228105
Conc: 4.62 ng/ml



#34 AR-1260-4

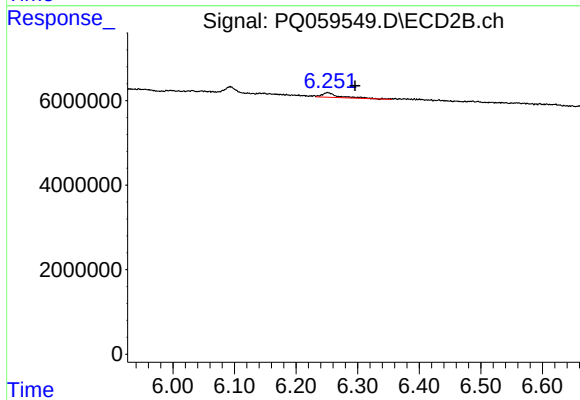
R.T.: 6.047 min
Delta R.T.: -0.006 min
Response: 674081
Conc: 1.52 ng/ml



#35 AR-1260-5

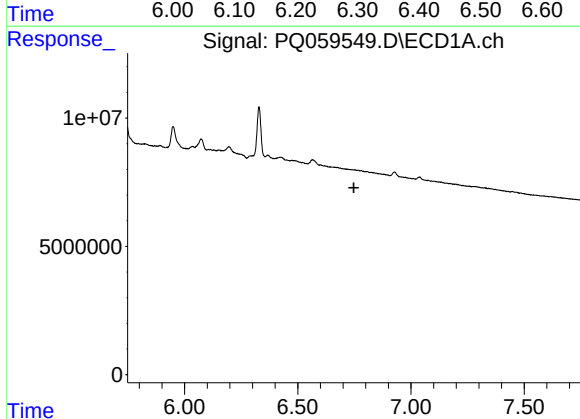
R.T.: 0.000 min
Exp R.T.: 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



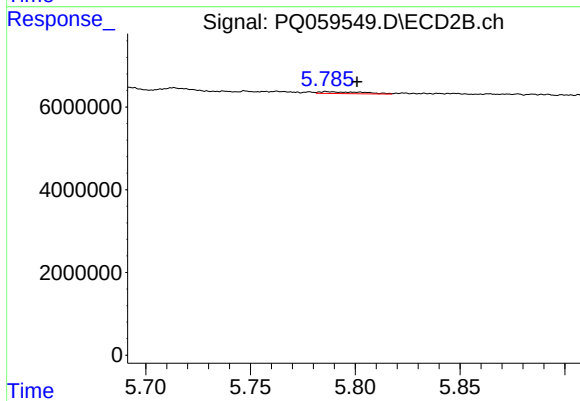
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.044 min
Response: 2164593
Conc: 2.12 ng/ml



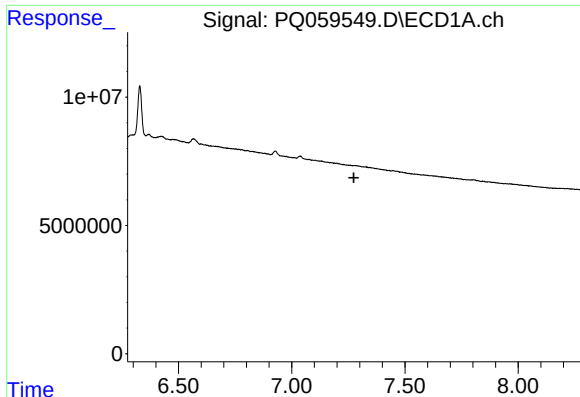
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.748 min
Response: 0
Conc: N.D.



#36 AR-1262-1

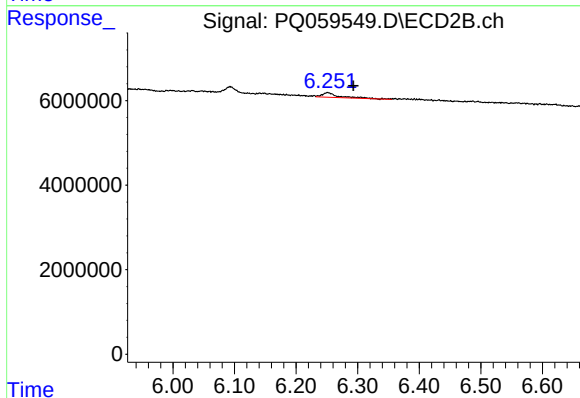
R.T.: 5.786 min
Delta R.T.: -0.014 min
Response: 644557
Conc: 1.01 ng/ml



#37 AR-1262-2

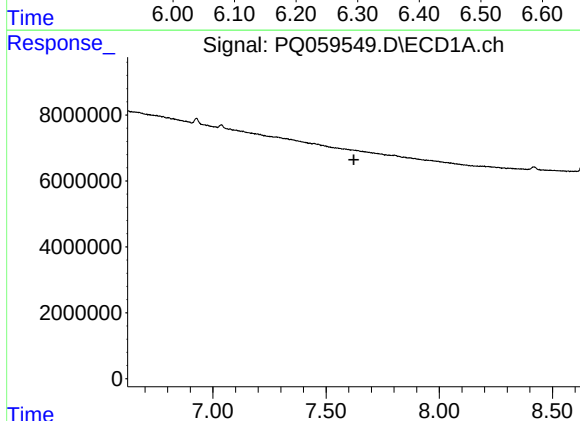
R.T.: 0.000 min
Exp R.T.: 7.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



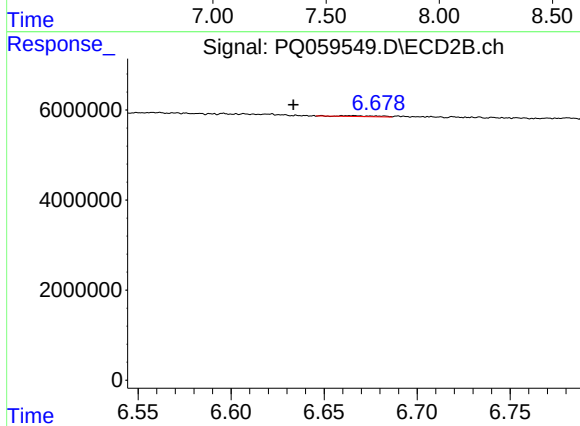
#37 AR-1262-2

R.T.: 6.251 min
Delta R.T.: -0.042 min
Response: 2164593
Conc: 1.85 ng/ml



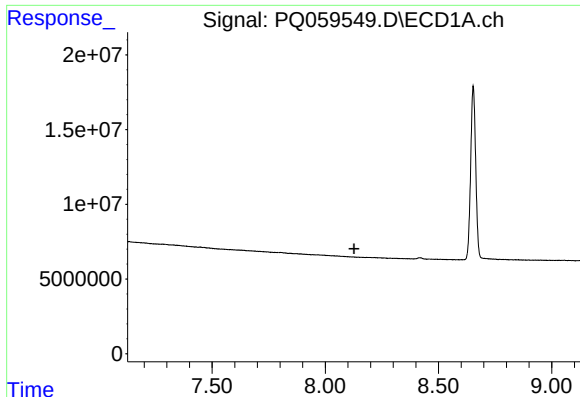
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.



#39 AR-1262-4

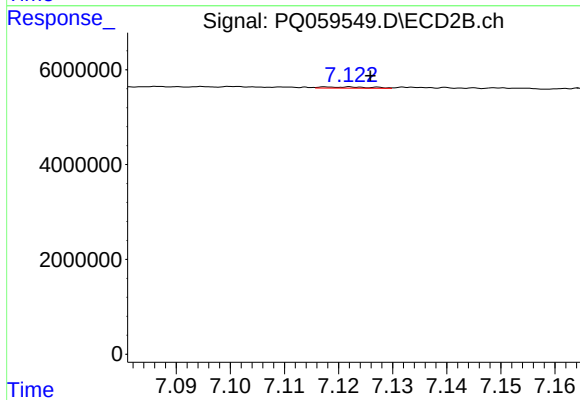
R.T.: 6.648 min
Delta R.T.: 0.015 min
Response: 254538
Conc: 0.29 ng/ml



#40 AR-1262-5

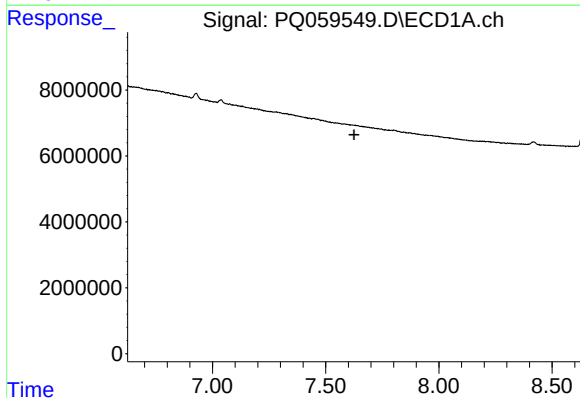
R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



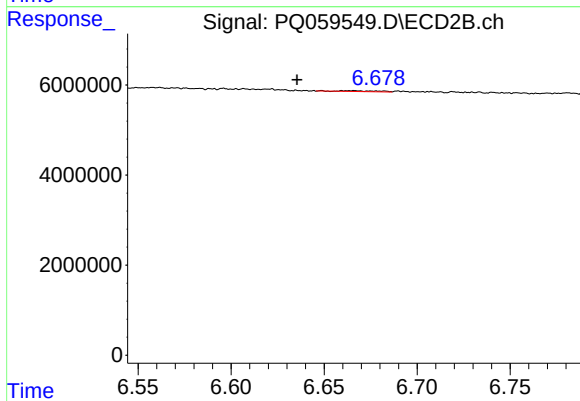
#40 AR-1262-5

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 154322
Conc: 0.39 ng/ml



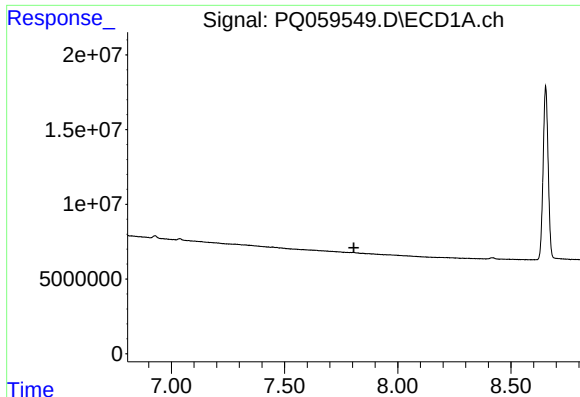
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.625 min
Response: 0
Conc: N.D.



#42 AR-1268-2

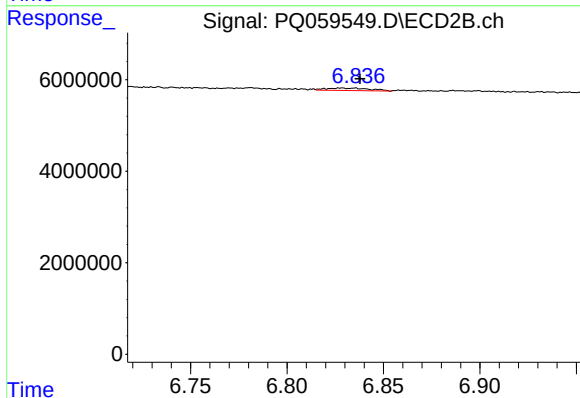
R.T.: 6.648 min
Delta R.T.: 0.013 min
Response: 254538
Conc: 0.20 ng/ml



#43 AR-1268-3

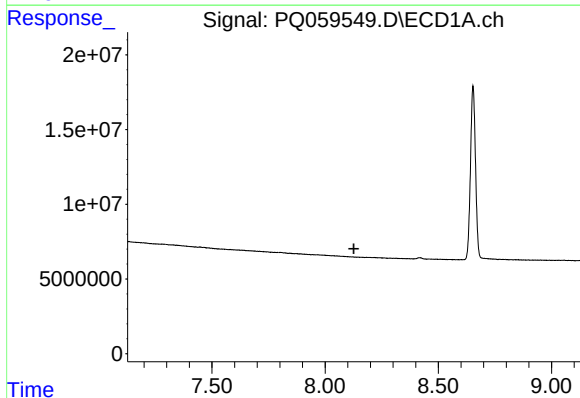
R.T.: 0.000 min
Exp R.T.: 7.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



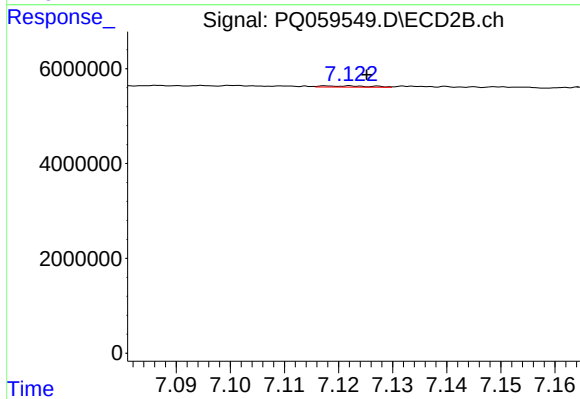
#43 AR-1268-3

R.T.: 6.828 min
Delta R.T.: -0.010 min
Response: 820694
Conc: 0.74 ng/ml



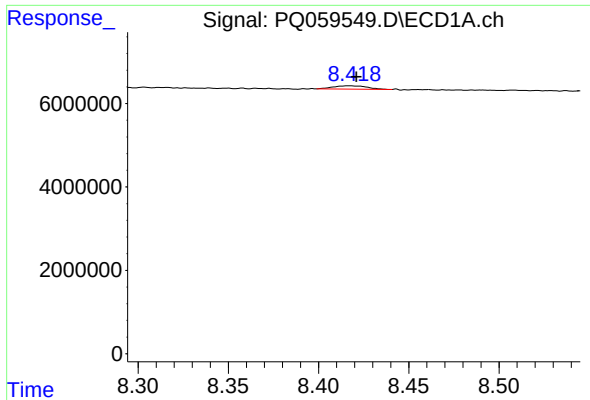
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.



#44 AR-1268-4

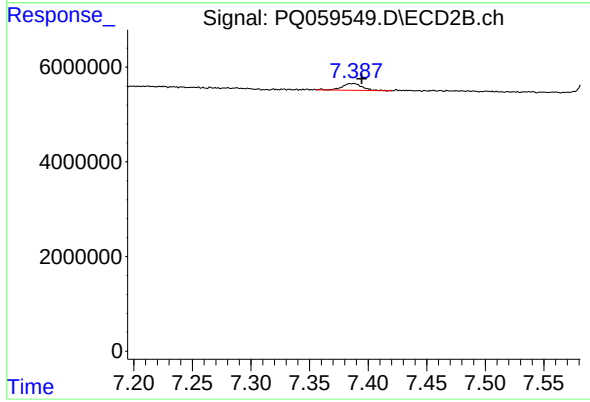
R.T.: 7.122 min
Delta R.T.: -0.003 min
Response: 154322
Conc: 0.34 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 1032045
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.387 min
Delta R.T.: -0.007 min
Response: 1775101
Conc: 0.50 ng/ml