

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091925\
 Data File : PQ070903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 14:46
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 06:27:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 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...	3.389	2.789	-5597	224563	N.D.	0.035
2) SA Decachlor...	8.492	7.525	129309	85260	0.034	0.012 #
Target Compounds						
3) L1 AR-1016-1	4.449f	3.782	734742	381584	4.432	1.779 #
4) L1 AR-1016-2	4.529f	3.782	508261	381584	1.905	1.174 #
5) L1 AR-1016-3	4.561	3.987f	458717	576851	2.770	3.174
6) L1 AR-1016-4	4.665	4.008	136883	488971	1.011	3.085 #
7) L1 AR-1016-5	4.920	4.214	320759	1983179	2.399	10.642 #
8) L2 AR-1221-1	3.588	2.982	501386	50805	6.814	0.569 #
9) L2 AR-1221-2	0.000	3.067	0	144108	N.D.	2.153 #
10) L2 AR-1221-3	3.745	3.118	302943	157430	1.839	0.788 #
11) L3 AR-1232-1	3.745	3.118	302943	157430	2.171	0.922 #
12) L3 AR-1232-2	4.206	3.782	200143	381584	2.615	2.198
13) L3 AR-1232-3	4.529f	3.987f	508261	576851	3.545	6.179 #
14) L3 AR-1232-4	4.665	4.008f	136883	488971	1.912	6.128 #
15) L3 AR-1232-5	4.800	4.214	144843	1983179	2.495	22.309 #
16) L4 AR-1242-1	4.449f	3.782	734742	381584	4.779	2.052 #
17) L4 AR-1242-2	4.529f	3.782	508261	381584	2.123	1.355 #
18) L4 AR-1242-3	4.561	3.987f	458717	576851	3.081	3.682
19) L4 AR-1242-4	4.665	4.008f	136883	488971	1.113	3.348 #
20) L4 AR-1242-5	0.000	4.554	0	4796303	N.D.	24.808 #
21) L5 AR-1248-1	4.449f	3.782	734742	381584	6.413	2.672 #
22) L5 AR-1248-2	4.745	4.008	176502	488971	1.079	2.263 #
23) L5 AR-1248-3	4.920	4.008f	320759	488971	1.640	2.351 #
24) L5 AR-1248-4	5.291f	4.214	6396689	1983179	29.590	7.767 #
25) L5 AR-1248-5	5.403f	4.554	3089589	4796303	14.143	18.548 #
26) L6 AR-1254-1	5.291	4.554	6396689	4796303	27.383	12.052 #
27) L6 AR-1254-2	5.502	4.688	1936660	1441410	5.426	4.116
28) L6 AR-1254-3	5.830f	5.059	1920287	1131882	5.066	2.001 #
29) L6 AR-1254-4	6.139	5.279	895178	1610954	3.329	4.659 #
30) L6 AR-1254-5	0.000	5.667	0	67257	N.D.	0.128 #
31) L7 AR-1260-1	6.026	5.217f	352647	1022813	1.440	2.866 #
32) L7 AR-1260-2	6.273	5.382	1184819	209593	3.954	0.493 #
33) L7 AR-1260-3	6.655f	5.515	163582	152303	0.764	0.377 #
34) L7 AR-1260-4	6.819	5.977	81097	121952	0.341	0.344
35) L7 AR-1260-5	7.161	6.205	253758	333172	0.531	0.406
36) L8 AR-1262-1	6.819	5.783f	81097	65914	0.242	0.124 #
37) L8 AR-1262-2	7.161	5.977	253758	121952	0.424	0.245 #
38) L8 AR-1262-3	0.000	6.452f	0	38354	N.D.	0.097 #
39) L8 AR-1262-4	7.485	6.606f	244977	199754	0.774	0.273 #
40) L8 AR-1262-5	0.000	7.045	0	73870	N.D.	0.213 #
41) L9 AR-1268-1	0.000	6.452f	0	38354	N.D.	0.034 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091925\
Data File : PQ070903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 14:46
Operator : YP\AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 06:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

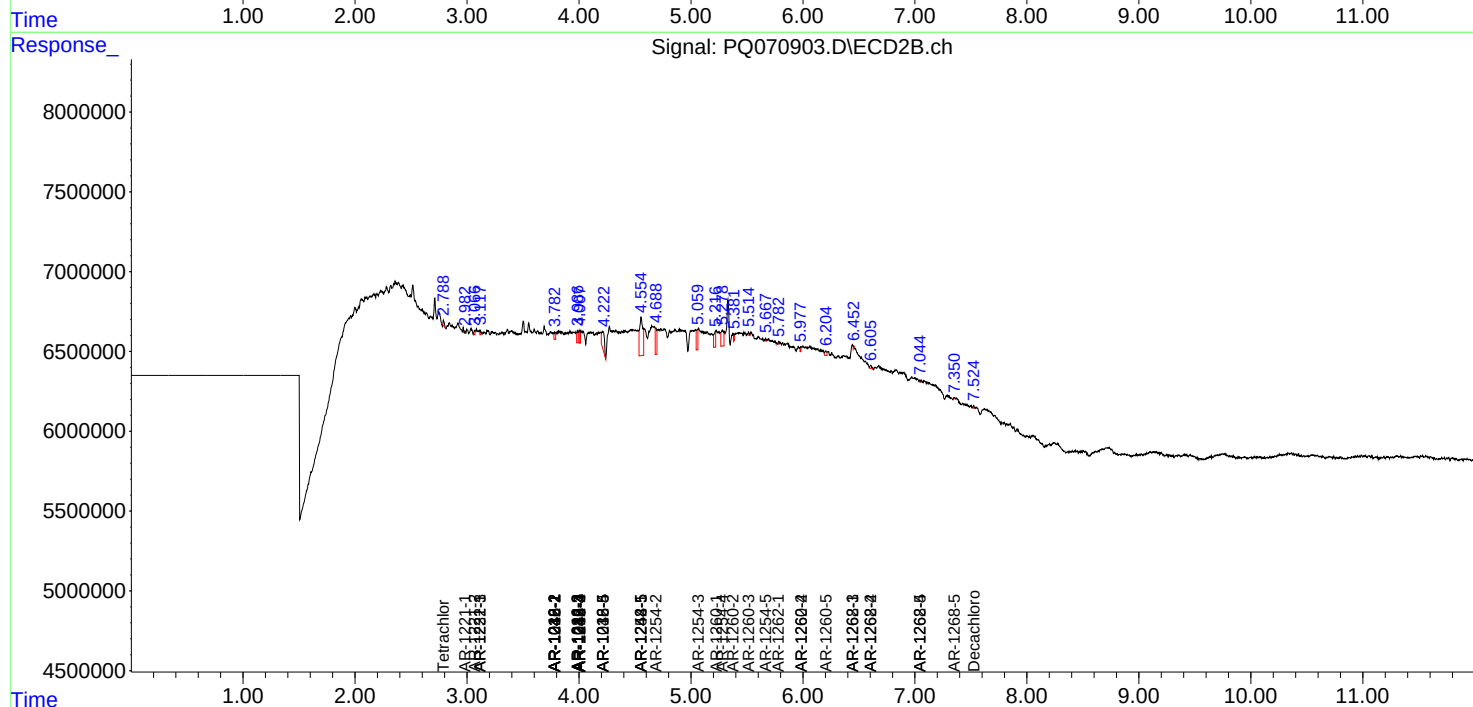
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

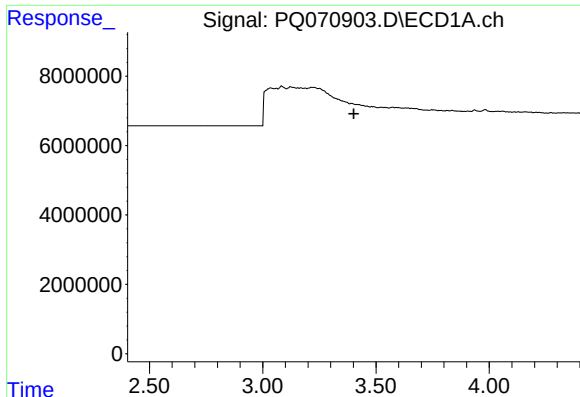
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.485	6.606f	244977	199754	0.388	0.191 #
44)	L9 AR-1268-4	0.000	7.045	0	73870	N.D.	0.186 #
45)	L9 AR-1268-5	8.268	7.351f	117041	43728	0.076	0.016 #

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

Instrument :
ECD_Q
ClientSampleId :
HEXANE

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

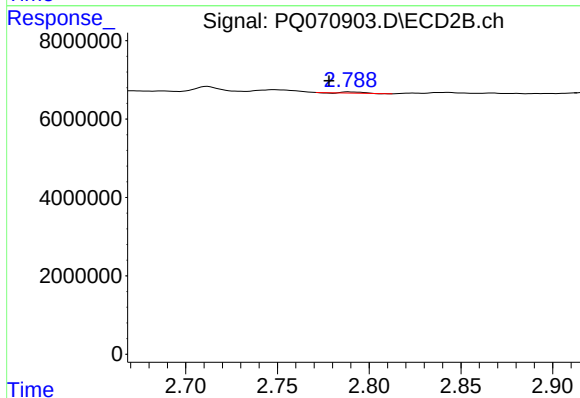




#1 Tetrachloro-m-xylene

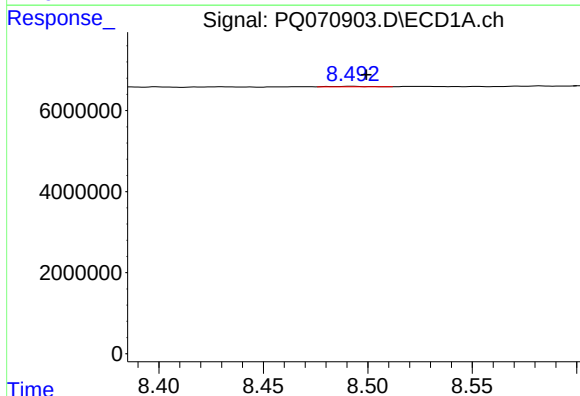
R.T.: 3.389 min
Delta R.T.: -0.013 min
Response: -5597
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



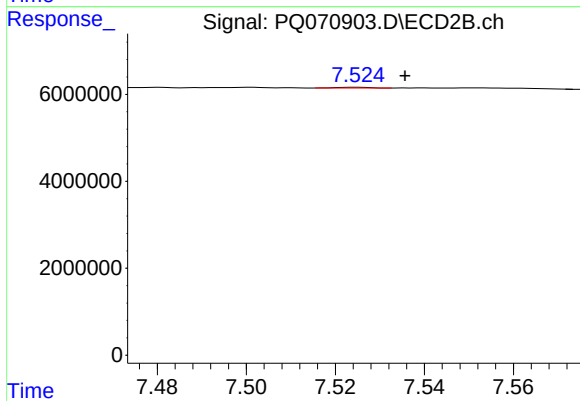
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.011 min
Response: 224563
Conc: 0.04 ng/ml



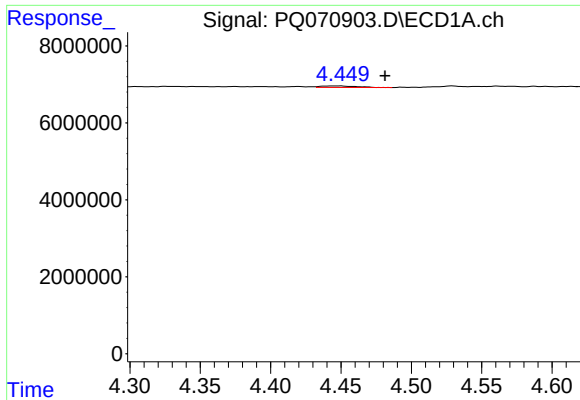
#2 Decachlorobiphenyl

R.T.: 8.492 min
Delta R.T.: -0.007 min
Response: 129309
Conc: 0.03 ng/ml



#2 Decachlorobiphenyl

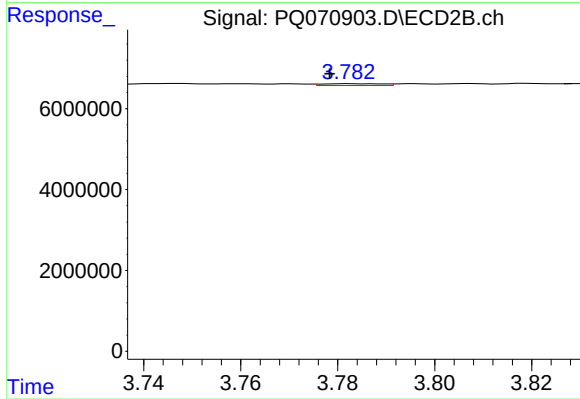
R.T.: 7.525 min
Delta R.T.: -0.011 min
Response: 85260
Conc: 0.01 ng/ml



#3 AR-1016-1

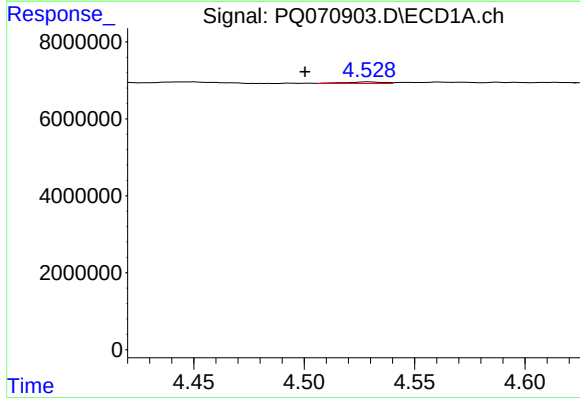
R.T.: 4.449 min
Delta R.T.: -0.033 min
Response: 734742
Conc: 4.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



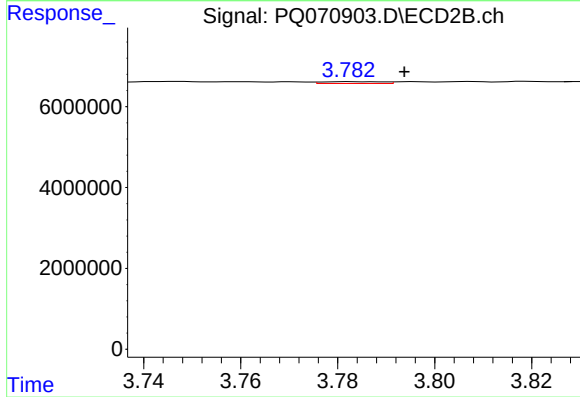
#3 AR-1016-1

R.T.: 3.782 min
Delta R.T.: 0.004 min
Response: 381584
Conc: 1.78 ng/ml



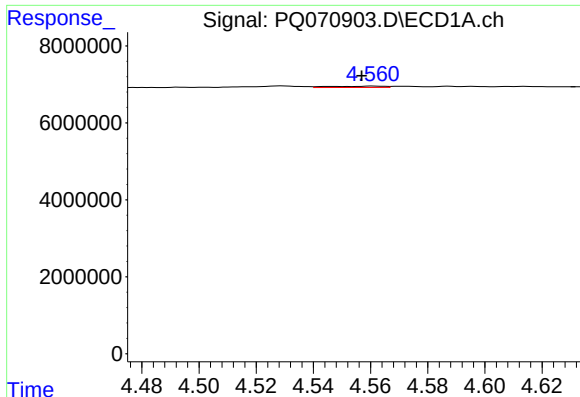
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.029 min
Response: 508261
Conc: 1.91 ng/ml



#4 AR-1016-2

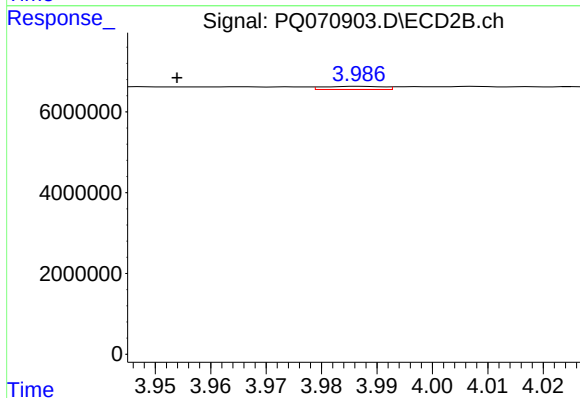
R.T.: 3.782 min
Delta R.T.: -0.011 min
Response: 381584
Conc: 1.17 ng/ml



#5 AR-1016-3

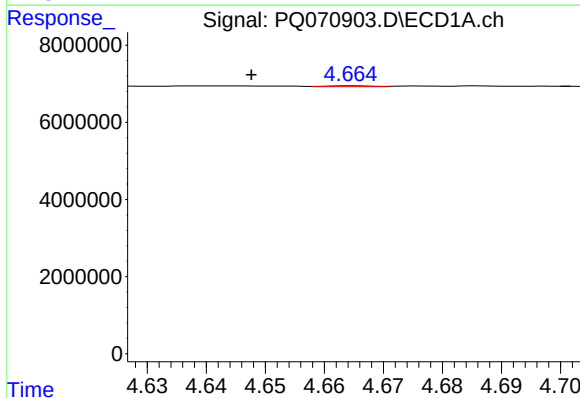
R.T.: 4.561 min
Delta R.T.: 0.004 min
Response: 458717
Conc: 2.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



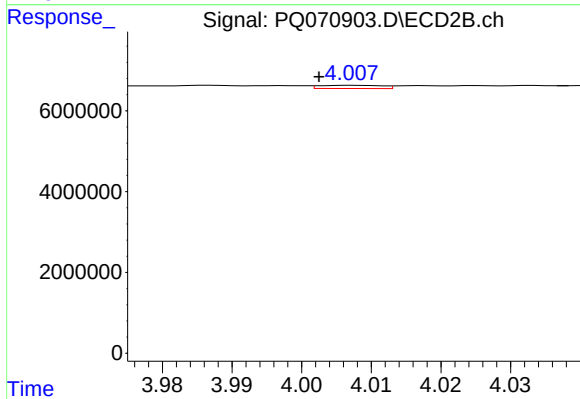
#5 AR-1016-3

R.T.: 3.987 min
Delta R.T.: 0.033 min
Response: 576851
Conc: 3.17 ng/ml



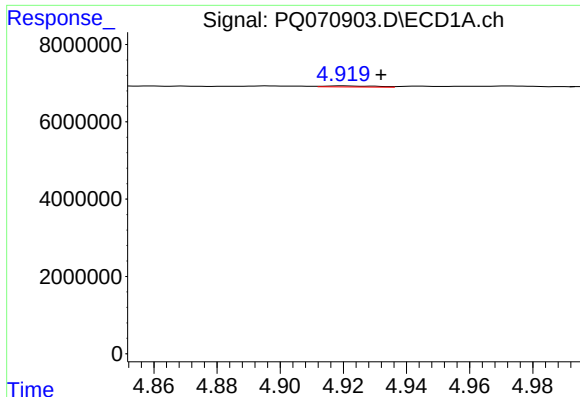
#6 AR-1016-4

R.T.: 4.665 min
Delta R.T.: 0.017 min
Response: 136883
Conc: 1.01 ng/ml



#6 AR-1016-4

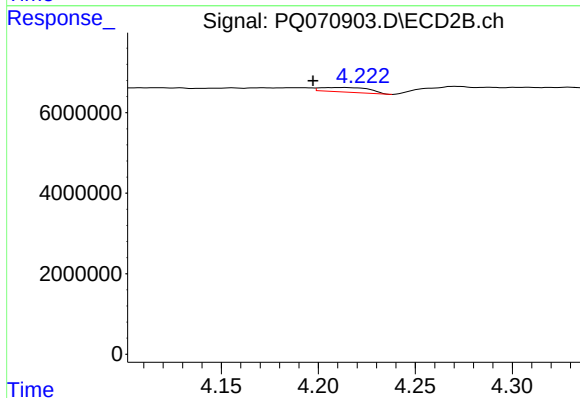
R.T.: 4.008 min
Delta R.T.: 0.005 min
Response: 488971
Conc: 3.09 ng/ml



#7 AR-1016-5

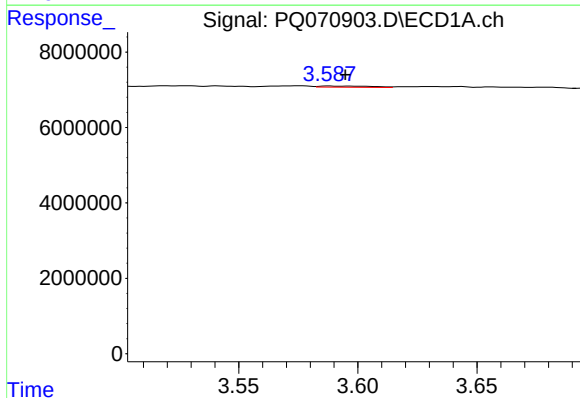
R.T.: 4.920 min
Delta R.T.: -0.012 min
Response: 320759
Conc: 2.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



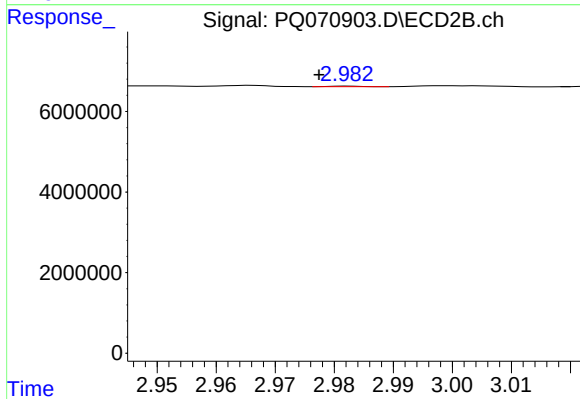
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: 0.016 min
Response: 1983179
Conc: 10.64 ng/ml



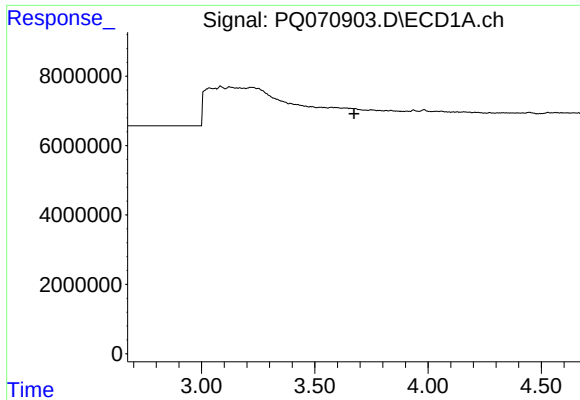
#8 AR-1221-1

R.T.: 3.588 min
Delta R.T.: -0.007 min
Response: 501386
Conc: 6.81 ng/ml



#8 AR-1221-1

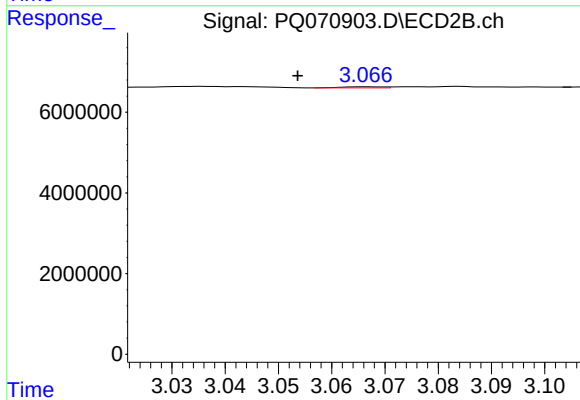
R.T.: 2.982 min
Delta R.T.: 0.005 min
Response: 50805
Conc: 0.57 ng/ml



#9 AR-1221-2

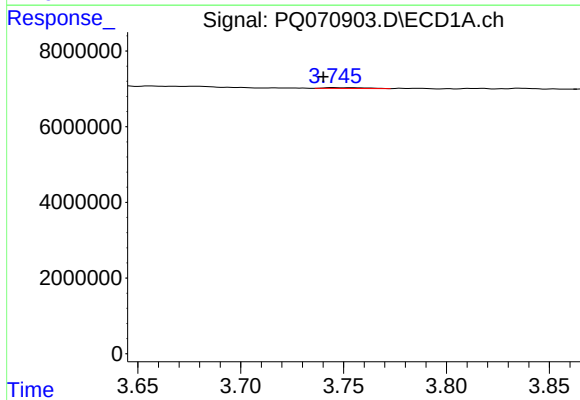
R.T.: 0.000 min
Exp R.T.: 3.673 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



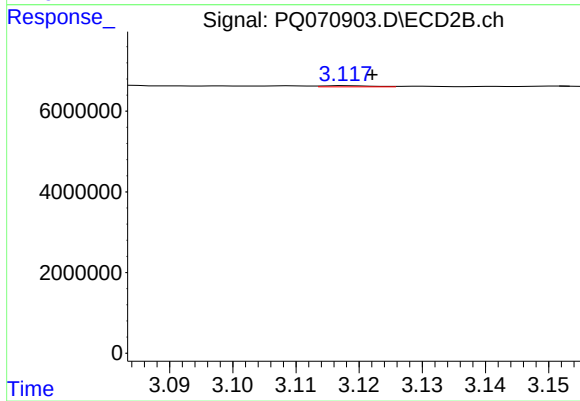
#9 AR-1221-2

R.T.: 3.067 min
Delta R.T.: 0.013 min
Response: 144108
Conc: 2.15 ng/ml



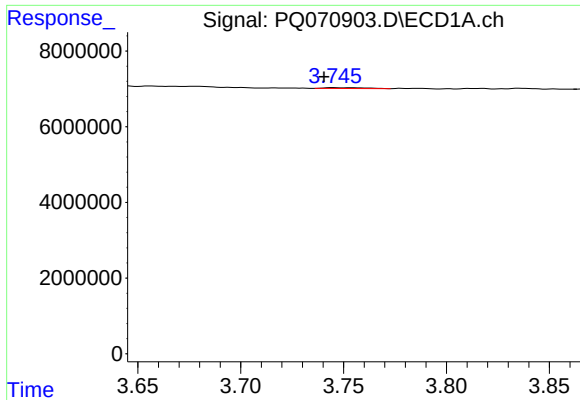
#10 AR-1221-3

R.T.: 3.745 min
Delta R.T.: 0.005 min
Response: 302943
Conc: 1.84 ng/ml



#10 AR-1221-3

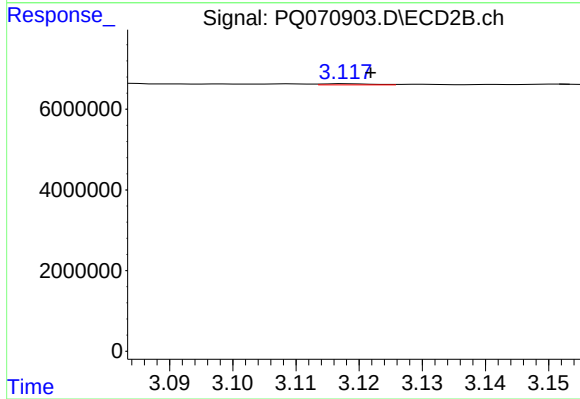
R.T.: 3.118 min
Delta R.T.: -0.004 min
Response: 157430
Conc: 0.79 ng/ml



#11 AR-1232-1

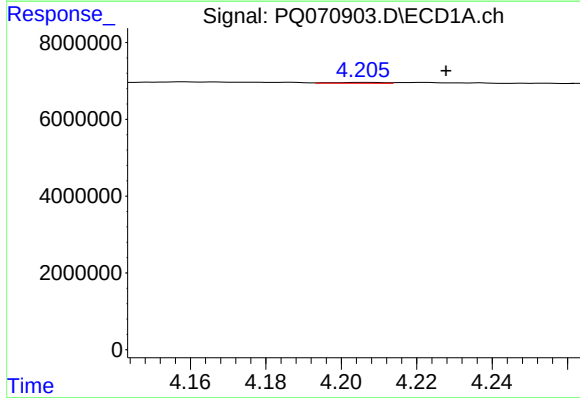
R.T.: 3.745 min
Delta R.T.: 0.005 min
Response: 302943
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



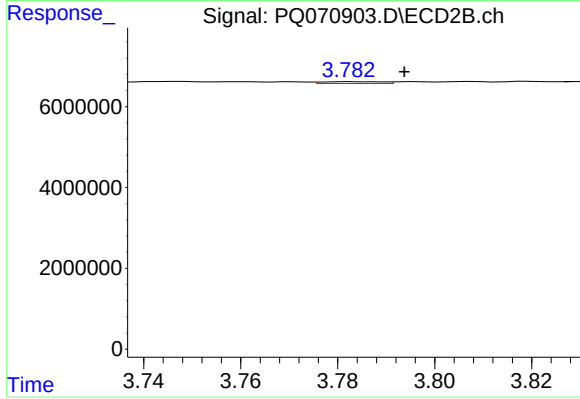
#11 AR-1232-1

R.T.: 3.118 min
Delta R.T.: -0.004 min
Response: 157430
Conc: 0.92 ng/ml



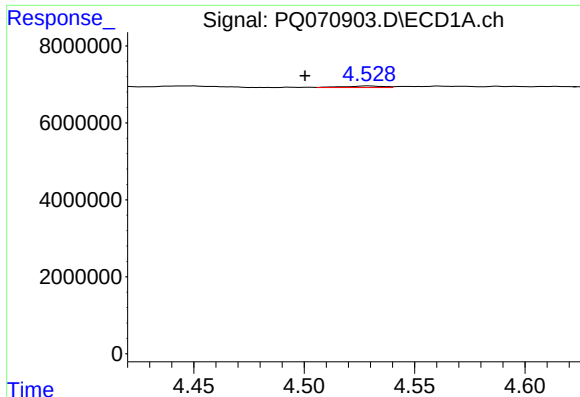
#12 AR-1232-2

R.T.: 4.206 min
Delta R.T.: -0.022 min
Response: 200143
Conc: 2.61 ng/ml



#12 AR-1232-2

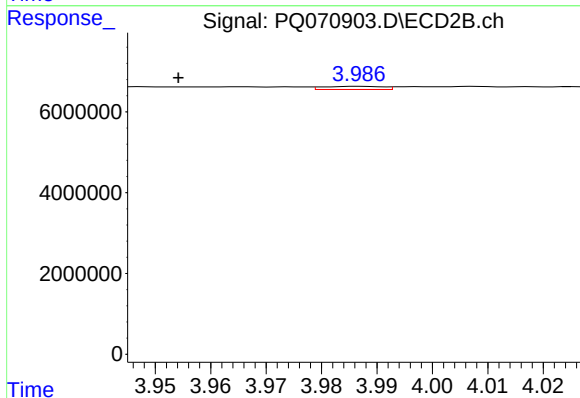
R.T.: 3.782 min
Delta R.T.: -0.011 min
Response: 381584
Conc: 2.20 ng/ml



#13 AR-1232-3

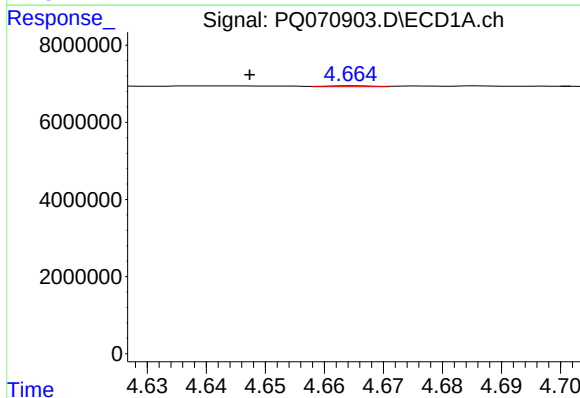
R.T.: 4.529 min
Delta R.T.: 0.029 min
Response: 508261
Conc: 3.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



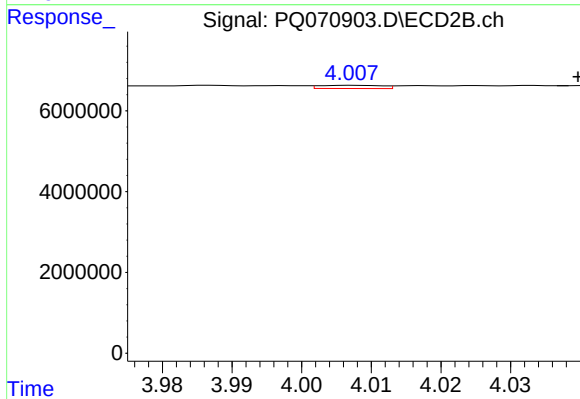
#13 AR-1232-3

R.T.: 3.987 min
Delta R.T.: 0.033 min
Response: 576851
Conc: 6.18 ng/ml



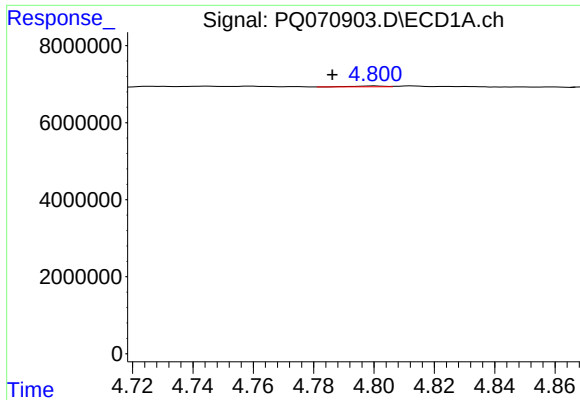
#14 AR-1232-4

R.T.: 4.665 min
Delta R.T.: 0.018 min
Response: 136883
Conc: 1.91 ng/ml



#14 AR-1232-4

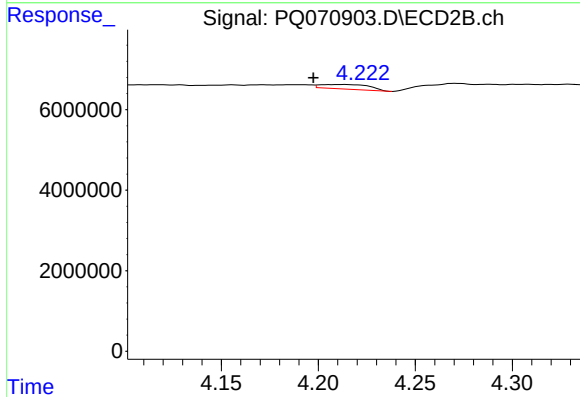
R.T.: 4.008 min
Delta R.T.: -0.032 min
Response: 488971
Conc: 6.13 ng/ml



#15 AR-1232-5

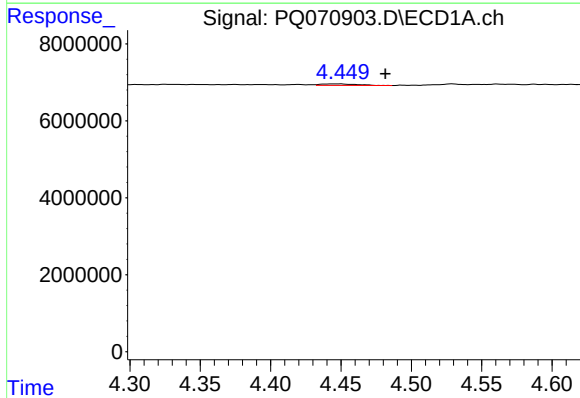
R.T.: 4.800 min
Delta R.T.: 0.014 min
Response: 144843
Conc: 2.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



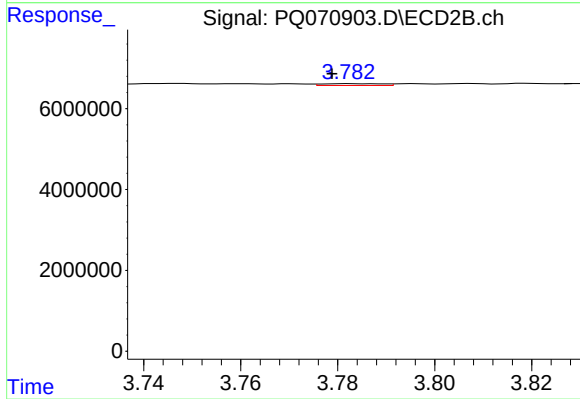
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: 0.016 min
Response: 1983179
Conc: 22.31 ng/ml



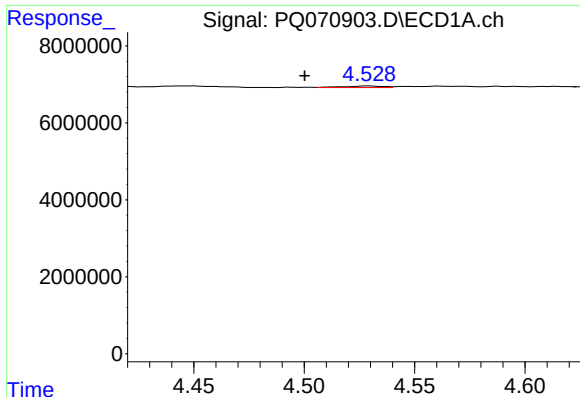
#16 AR-1242-1

R.T.: 4.449 min
Delta R.T.: -0.033 min
Response: 734742
Conc: 4.78 ng/ml



#16 AR-1242-1

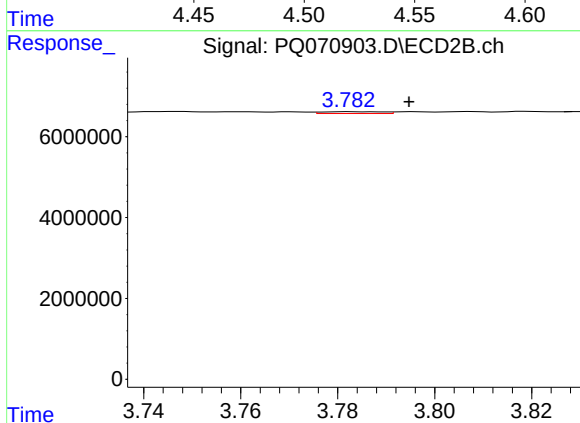
R.T.: 3.782 min
Delta R.T.: 0.004 min
Response: 381584
Conc: 2.05 ng/ml



#17 AR-1242-2

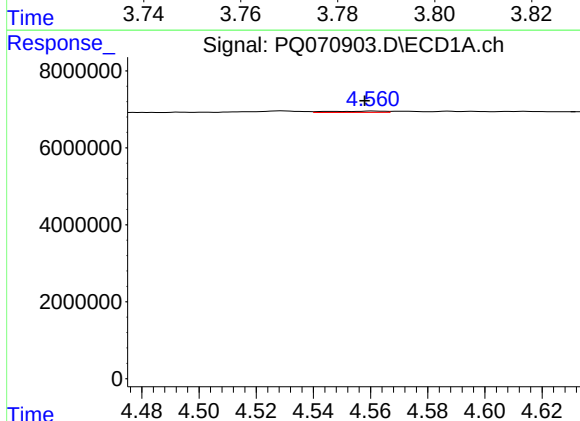
R.T.: 4.529 min
Delta R.T.: 0.029 min
Response: 508261
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



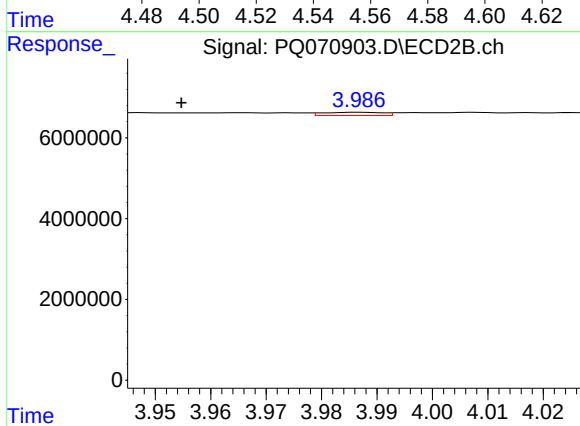
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: -0.012 min
Response: 381584
Conc: 1.35 ng/ml



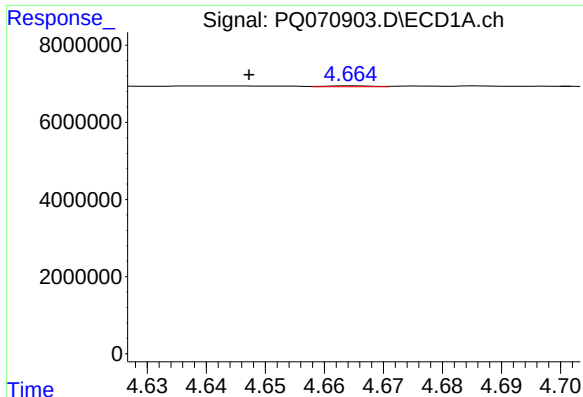
#18 AR-1242-3

R.T.: 4.561 min
Delta R.T.: 0.003 min
Response: 458717
Conc: 3.08 ng/ml



#18 AR-1242-3

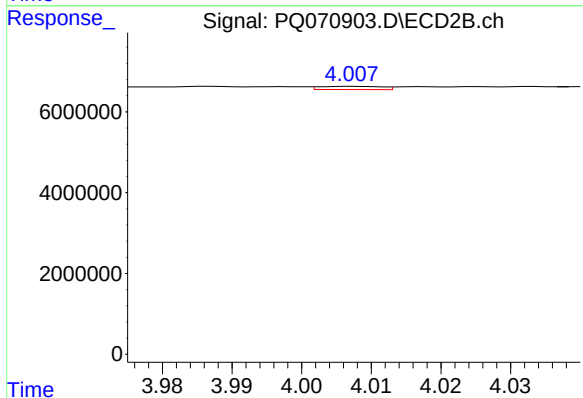
R.T.: 3.987 min
Delta R.T.: 0.032 min
Response: 576851
Conc: 3.68 ng/ml



#19 AR-1242-4

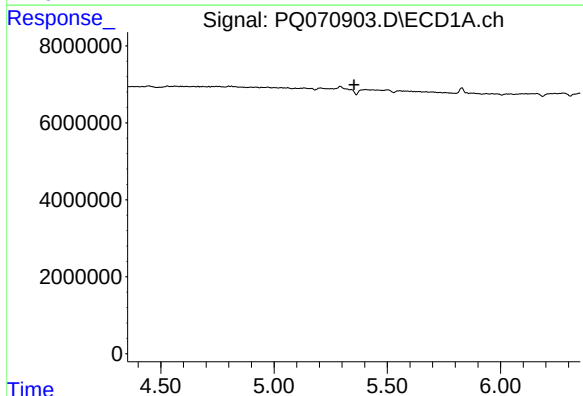
R.T.: 4.665 min
Delta R.T.: 0.018 min
Response: 136883
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



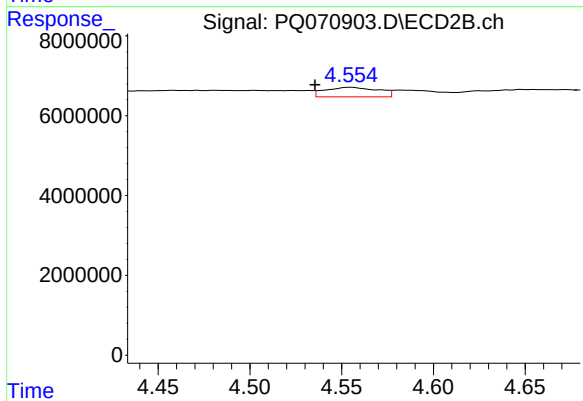
#19 AR-1242-4

R.T.: 4.008 min
Delta R.T.: -0.033 min
Response: 488971
Conc: 3.35 ng/ml



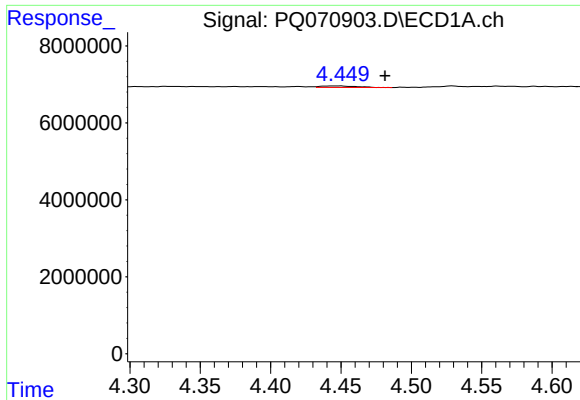
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.353 min
Response: 0
Conc: N.D.



#20 AR-1242-5

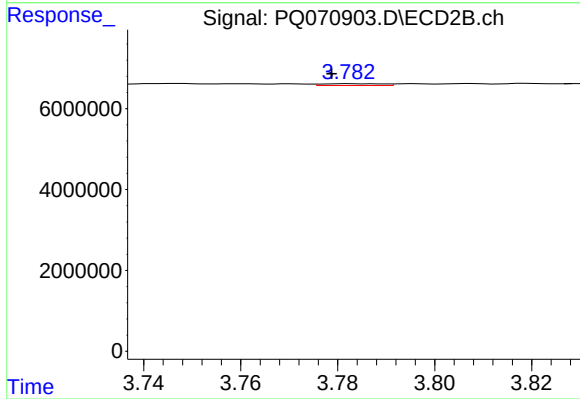
R.T.: 4.554 min
Delta R.T.: 0.019 min
Response: 4796303
Conc: 24.81 ng/ml



#21 AR-1248-1

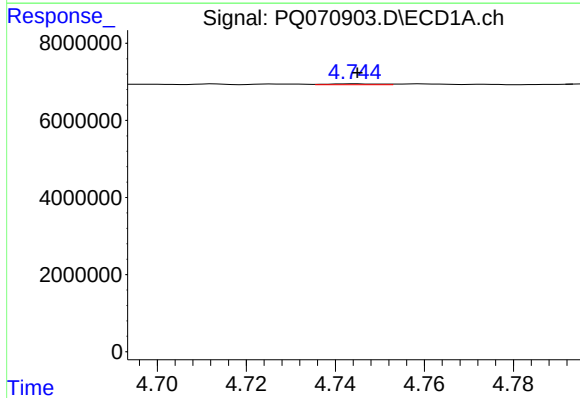
R.T.: 4.449 min
Delta R.T.: -0.032 min
Response: 734742
Conc: 6.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



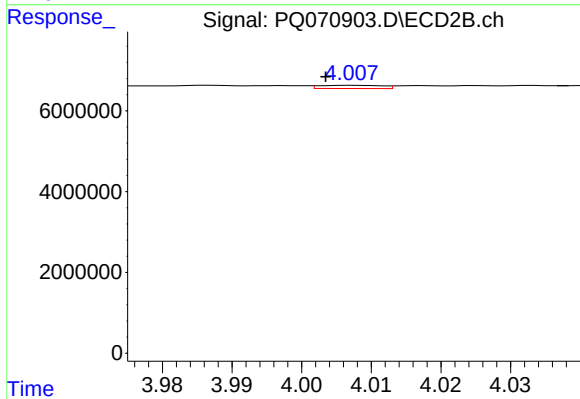
#21 AR-1248-1

R.T.: 3.782 min
Delta R.T.: 0.004 min
Response: 381584
Conc: 2.67 ng/ml



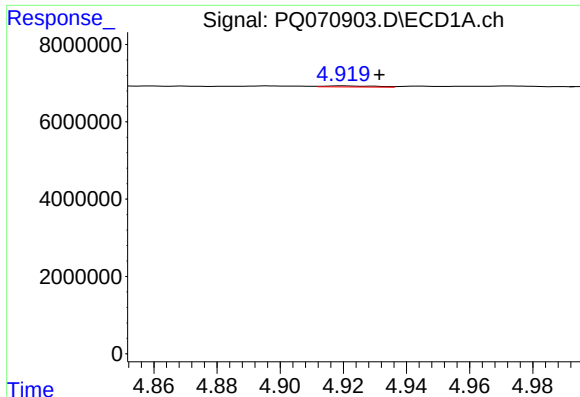
#22 AR-1248-2

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 176502
Conc: 1.08 ng/ml



#22 AR-1248-2

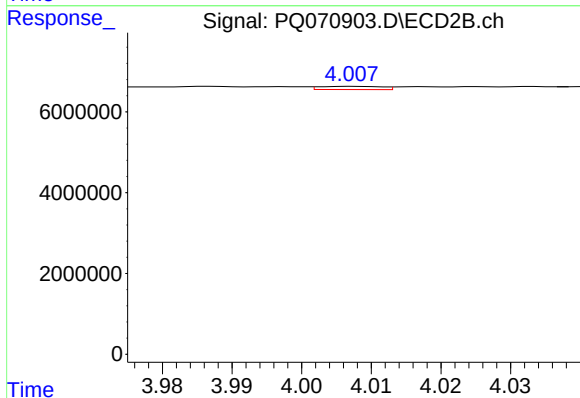
R.T.: 4.008 min
Delta R.T.: 0.004 min
Response: 488971
Conc: 2.26 ng/ml



#23 AR-1248-3

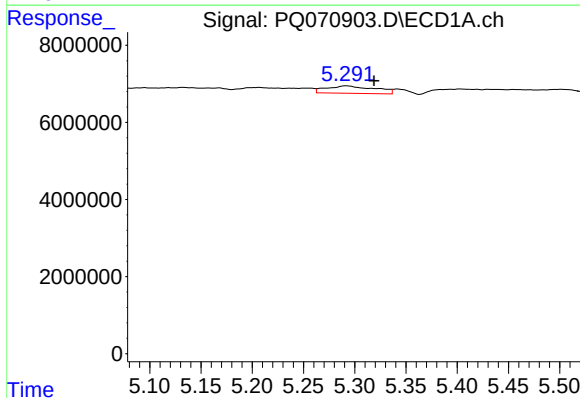
R.T.: 4.920 min
Delta R.T.: -0.012 min
Response: 320759
Conc: 1.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



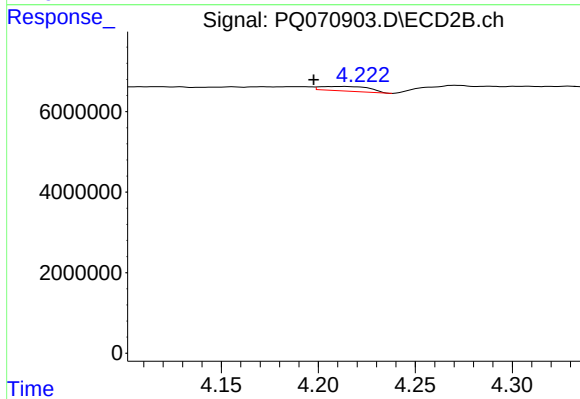
#23 AR-1248-3

R.T.: 4.008 min
Delta R.T.: -0.033 min
Response: 488971
Conc: 2.35 ng/ml



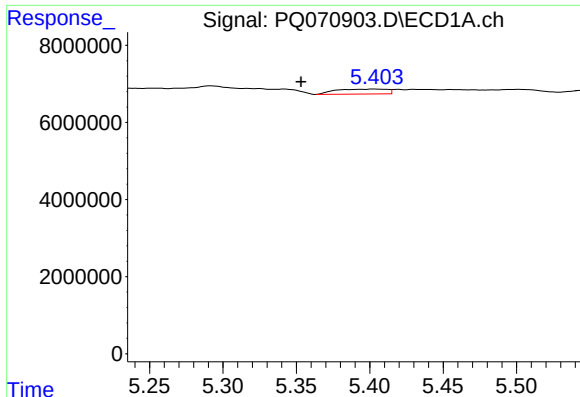
#24 AR-1248-4

R.T.: 5.291 min
Delta R.T.: -0.028 min
Response: 6396689
Conc: 29.59 ng/ml



#24 AR-1248-4

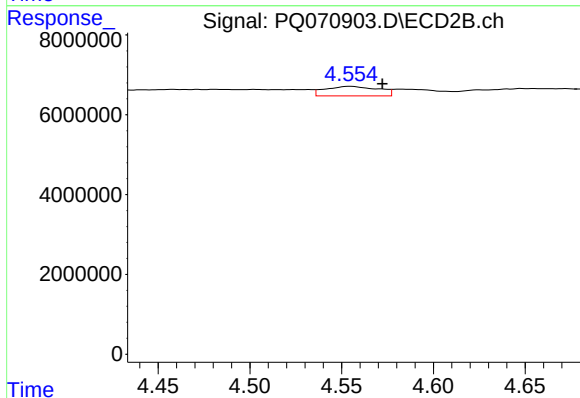
R.T.: 4.214 min
Delta R.T.: 0.016 min
Response: 1983179
Conc: 7.77 ng/ml



#25 AR-1248-5

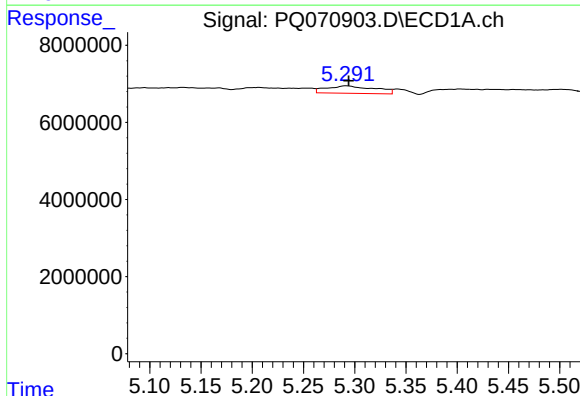
R.T.: 5.403 min
Delta R.T.: 0.050 min
Response: 3089589
Conc: 14.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



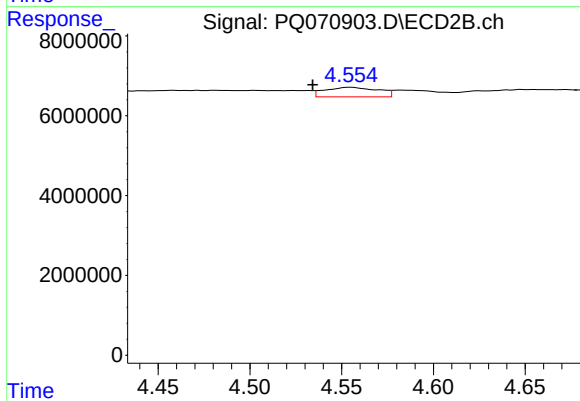
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.018 min
Response: 4796303
Conc: 18.55 ng/ml



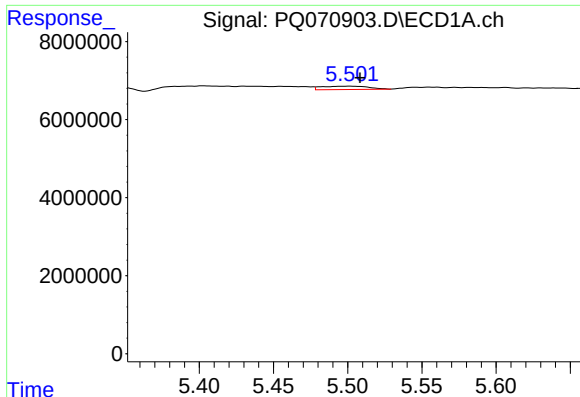
#26 AR-1254-1

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 6396689
Conc: 27.38 ng/ml



#26 AR-1254-1

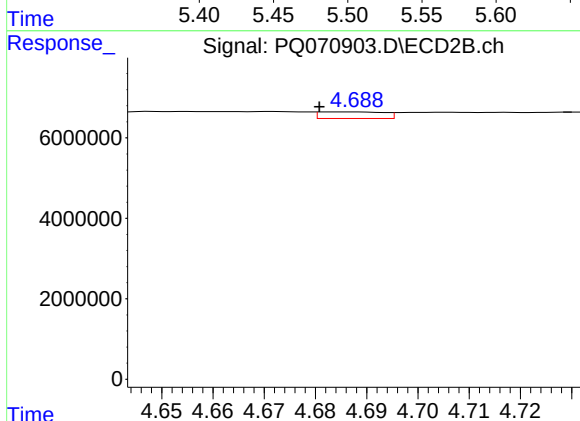
R.T.: 4.554 min
Delta R.T.: 0.020 min
Response: 4796303
Conc: 12.05 ng/ml



#27 AR-1254-2

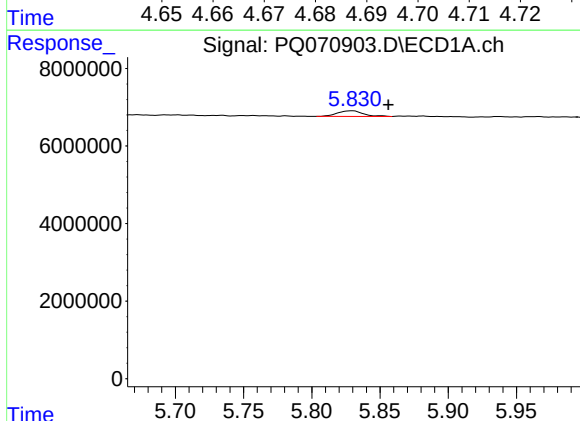
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 1936660
Conc: 5.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



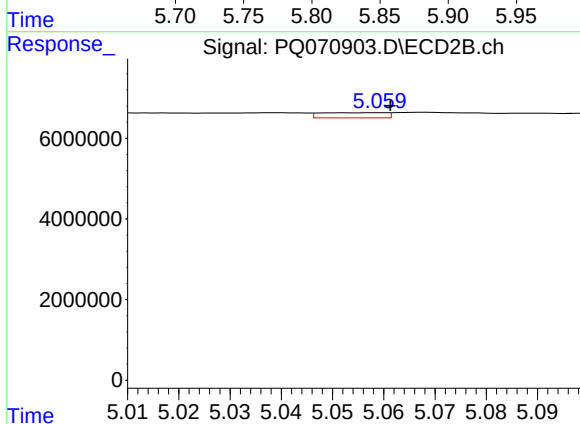
#27 AR-1254-2

R.T.: 4.688 min
Delta R.T.: 0.007 min
Response: 1441410
Conc: 4.12 ng/ml



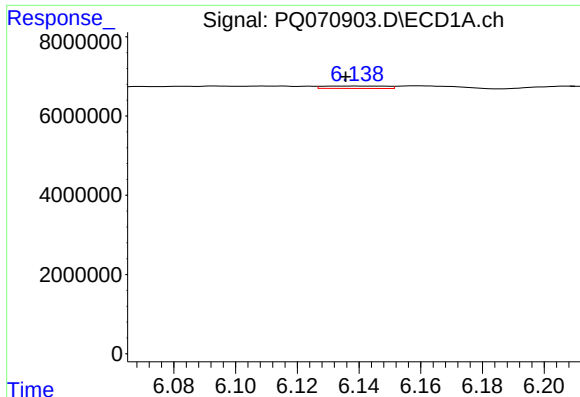
#28 AR-1254-3

R.T.: 5.830 min
Delta R.T.: -0.027 min
Response: 1920287
Conc: 5.07 ng/ml



#28 AR-1254-3

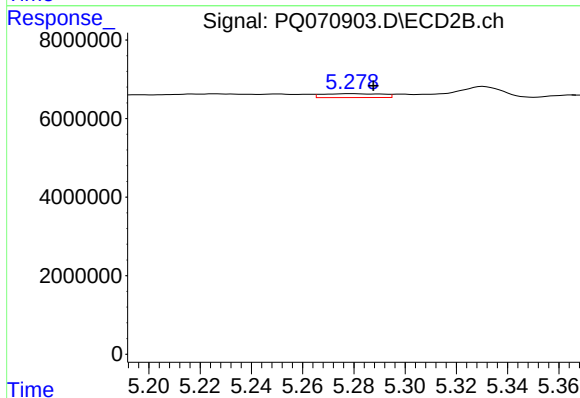
R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 1131882
Conc: 2.00 ng/ml



#29 AR-1254-4

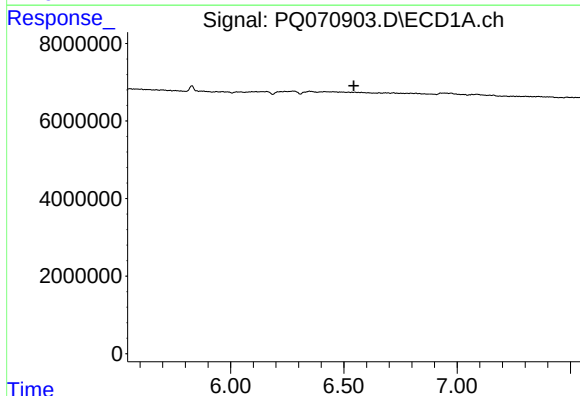
R.T.: 6.139 min
Delta R.T.: 0.004 min
Response: 895178
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



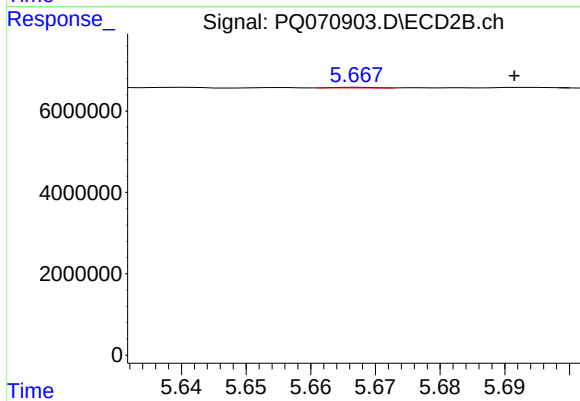
#29 AR-1254-4

R.T.: 5.279 min
Delta R.T.: -0.009 min
Response: 1610954
Conc: 4.66 ng/ml



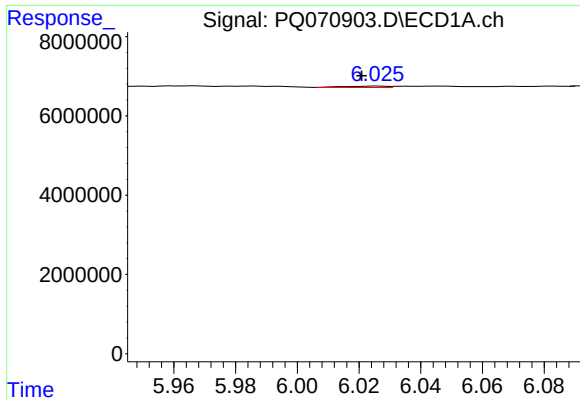
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.544 min
Response: 0
Conc: N.D.



#30 AR-1254-5

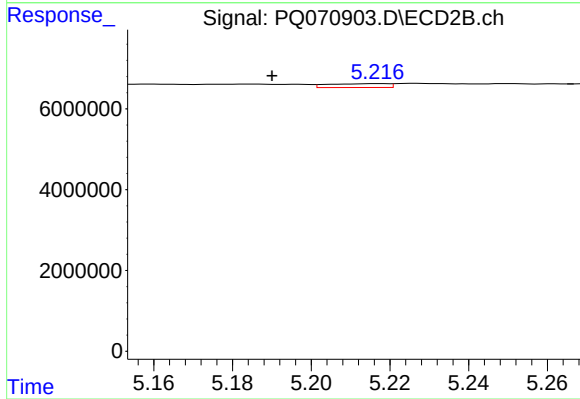
R.T.: 5.667 min
Delta R.T.: -0.024 min
Response: 67257
Conc: 0.13 ng/ml



#31 AR-1260-1

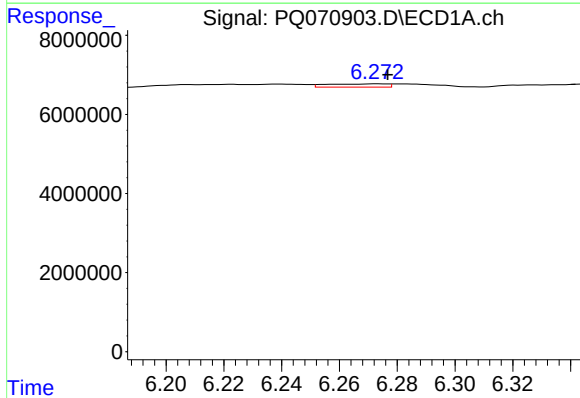
R.T.: 6.026 min
Delta R.T.: 0.005 min
Response: 352647
Conc: 1.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



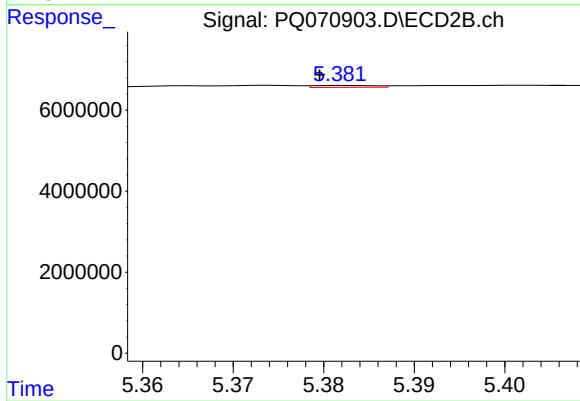
#31 AR-1260-1

R.T.: 5.217 min
Delta R.T.: 0.027 min
Response: 1022813
Conc: 2.87 ng/ml



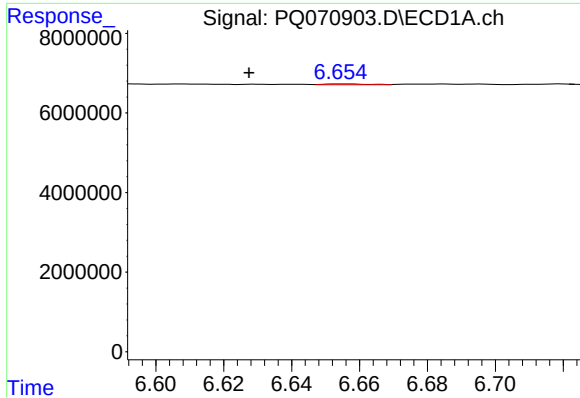
#32 AR-1260-2

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 1184819
Conc: 3.95 ng/ml



#32 AR-1260-2

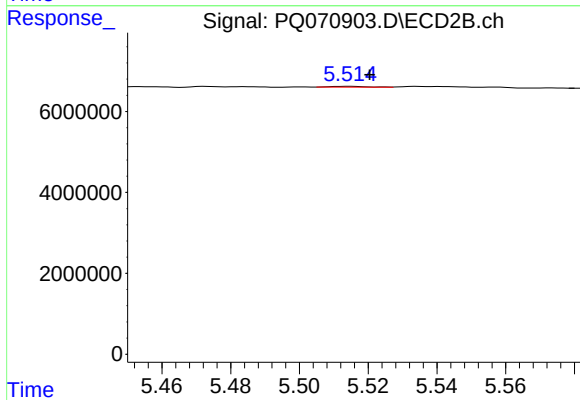
R.T.: 5.382 min
Delta R.T.: 0.003 min
Response: 209593
Conc: 0.49 ng/ml



#33 AR-1260-3

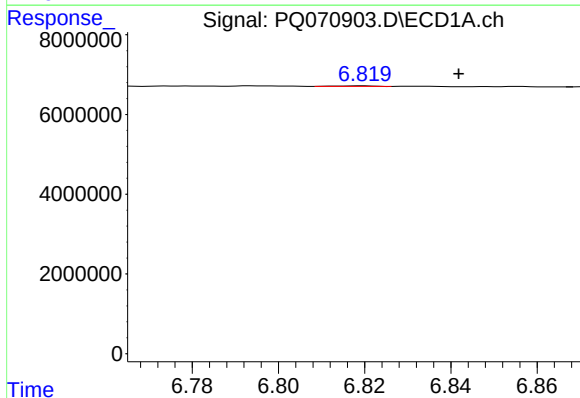
R.T.: 6.655 min
Delta R.T.: 0.027 min
Response: 163582
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



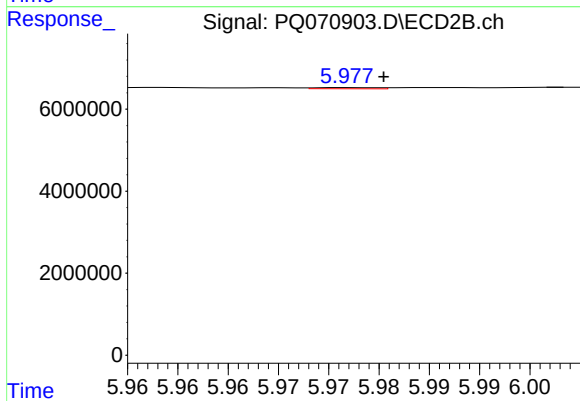
#33 AR-1260-3

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 152303
Conc: 0.38 ng/ml



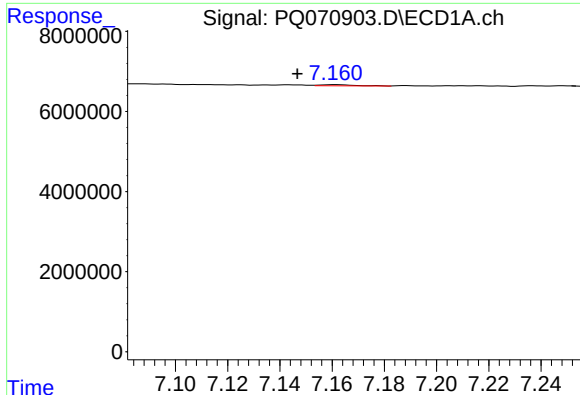
#34 AR-1260-4

R.T.: 6.819 min
Delta R.T.: -0.022 min
Response: 81097
Conc: 0.34 ng/ml



#34 AR-1260-4

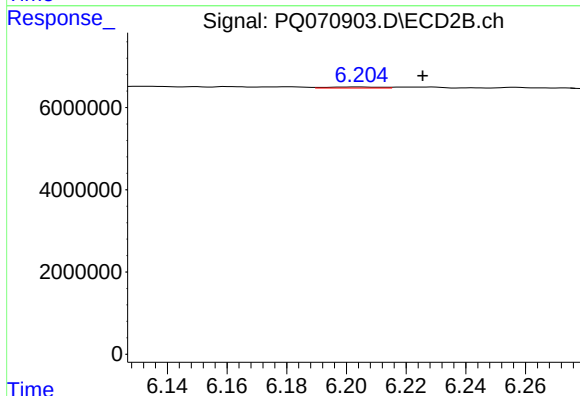
R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 121952
Conc: 0.34 ng/ml



#35 AR-1260-5

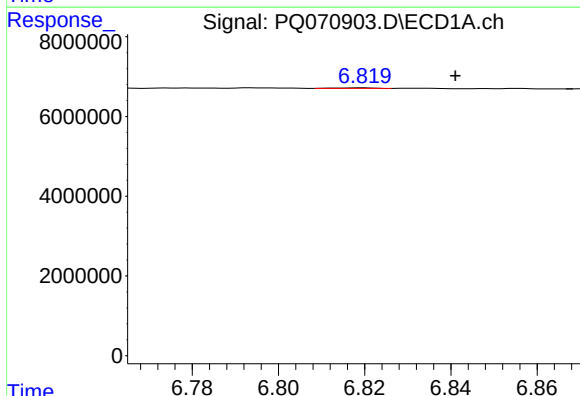
R.T.: 7.161 min
Delta R.T.: 0.014 min
Response: 253758
Conc: 0.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



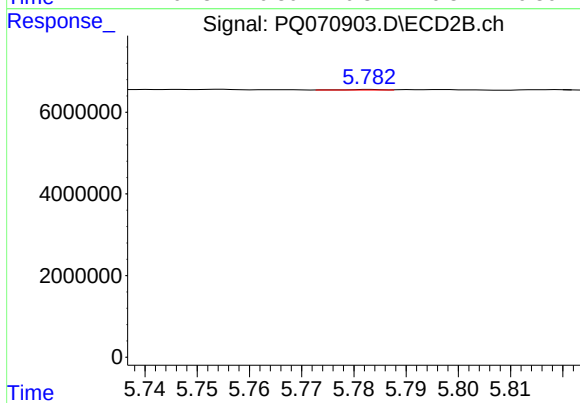
#35 AR-1260-5

R.T.: 6.205 min
Delta R.T.: -0.021 min
Response: 333172
Conc: 0.41 ng/ml



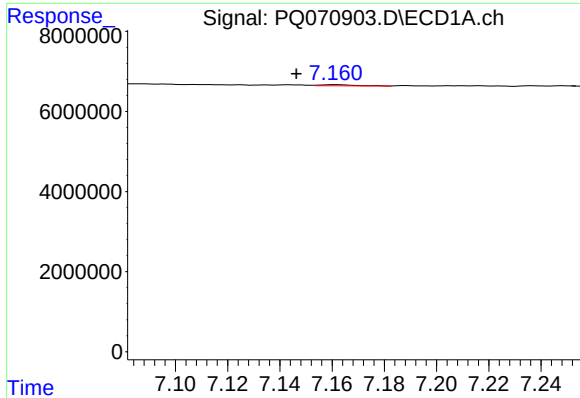
#36 AR-1262-1

R.T.: 6.819 min
Delta R.T.: -0.022 min
Response: 81097
Conc: 0.24 ng/ml



#36 AR-1262-1

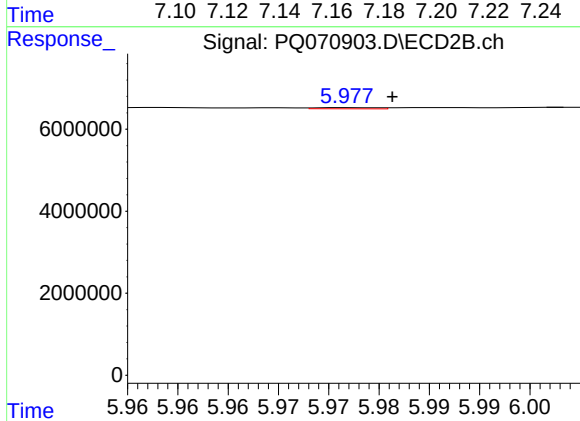
R.T.: 5.783 min
Delta R.T.: 0.049 min
Response: 65914
Conc: 0.12 ng/ml



#37 AR-1262-2

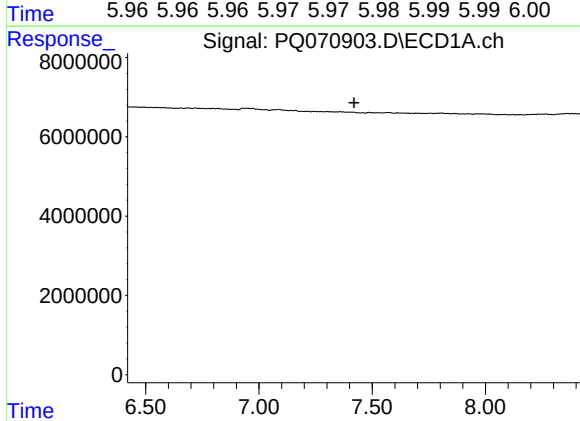
R.T.: 7.161 min
Delta R.T.: 0.015 min
Response: 253758
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



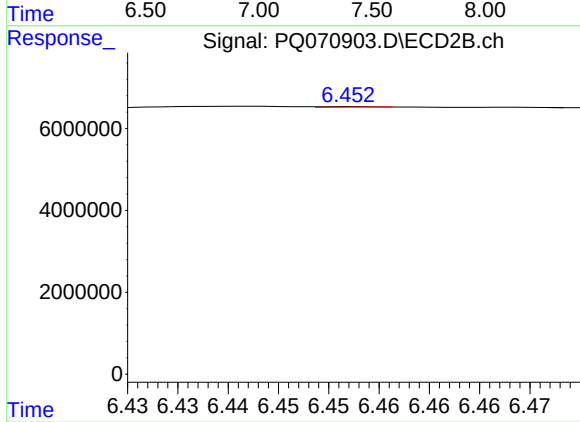
#37 AR-1262-2

R.T.: 5.977 min
Delta R.T.: -0.004 min
Response: 121952
Conc: 0.25 ng/ml



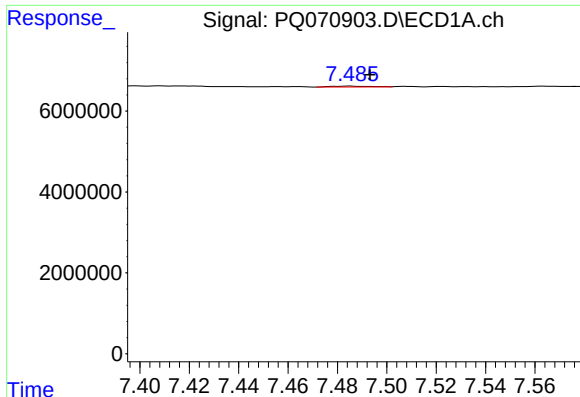
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.420 min
Response: 0
Conc: N.D.



#38 AR-1262-3

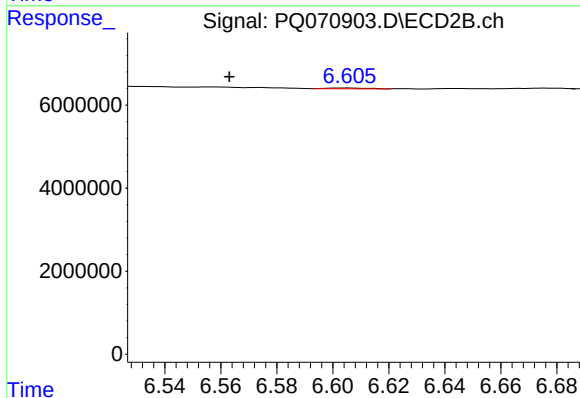
R.T.: 6.452 min
Delta R.T.: -0.049 min
Response: 38354
Conc: 0.10 ng/ml



#39 AR-1262-4

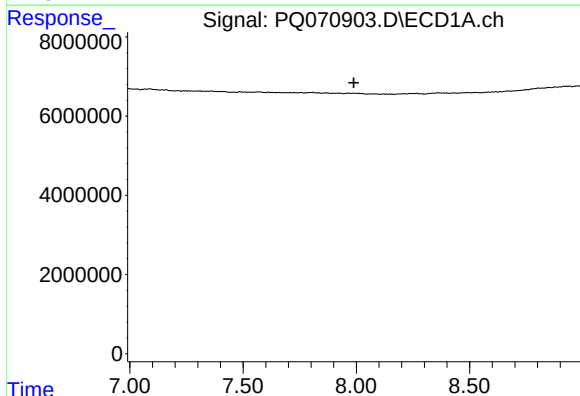
R.T.: 7.485 min
Delta R.T.: -0.008 min
Response: 244977
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



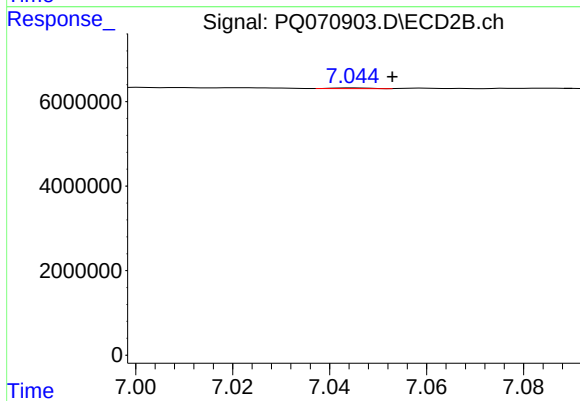
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: 0.042 min
Response: 199754
Conc: 0.27 ng/ml



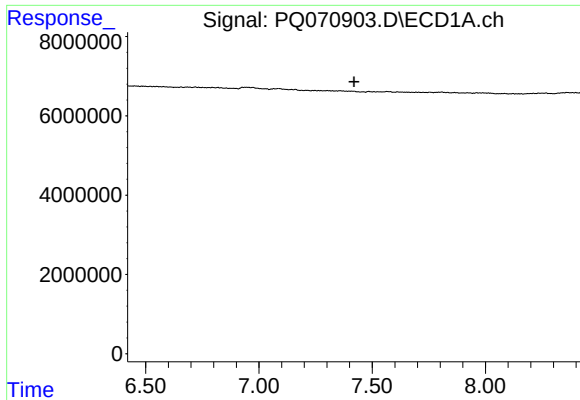
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.989 min
Response: 0
Conc: N.D.



#40 AR-1262-5

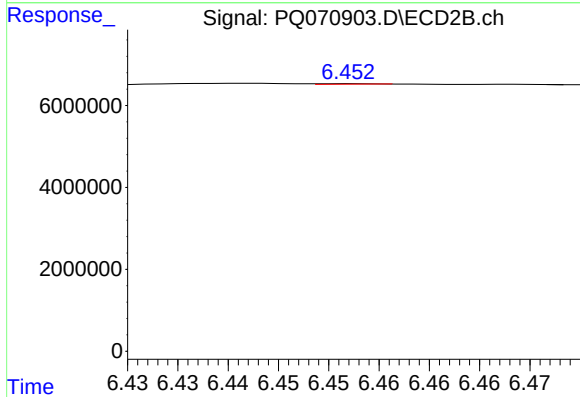
R.T.: 7.045 min
Delta R.T.: -0.008 min
Response: 73870
Conc: 0.21 ng/ml



#41 AR-1268-1

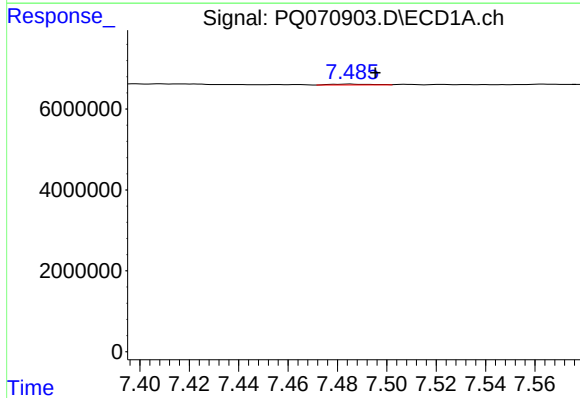
R.T.: 0.000 min
Exp R.T.: 7.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



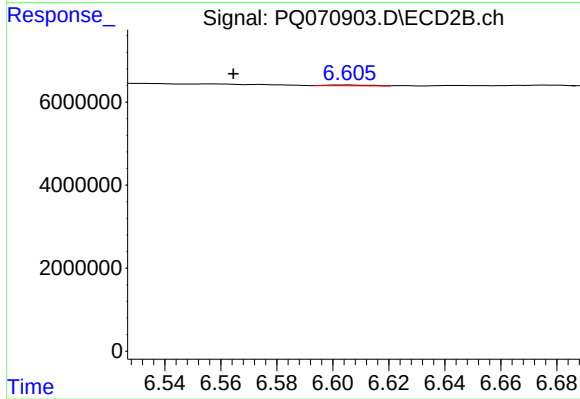
#41 AR-1268-1

R.T.: 6.452 min
Delta R.T.: -0.050 min
Response: 38354
Conc: 0.03 ng/ml



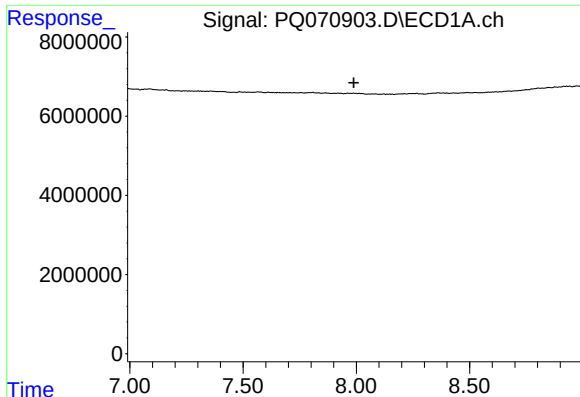
#42 AR-1268-2

R.T.: 7.485 min
Delta R.T.: -0.010 min
Response: 244977
Conc: 0.39 ng/ml



#42 AR-1268-2

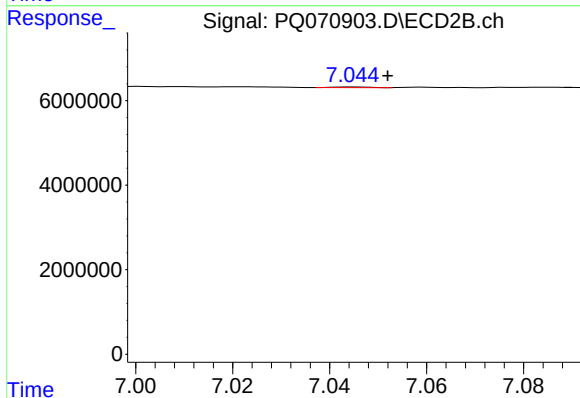
R.T.: 6.606 min
Delta R.T.: 0.041 min
Response: 199754
Conc: 0.19 ng/ml



#44 AR-1268-4

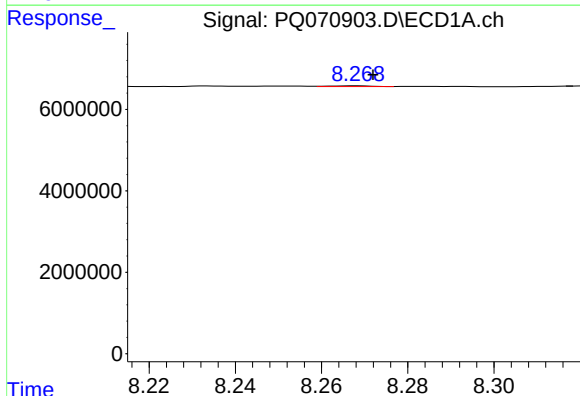
R.T.: 0.000 min
Exp R.T.: 7.989 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



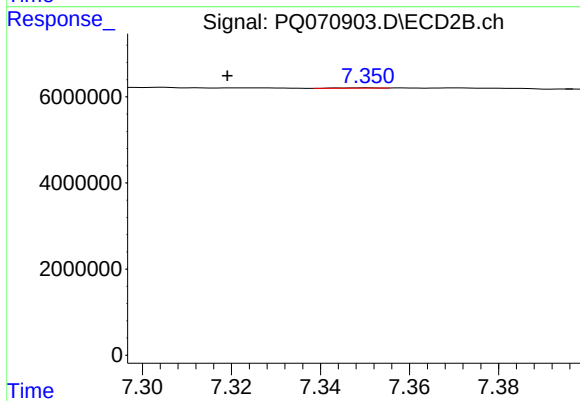
#44 AR-1268-4

R.T.: 7.045 min
Delta R.T.: -0.007 min
Response: 73870
Conc: 0.19 ng/ml



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.003 min
Response: 117041
Conc: 0.08 ng/ml



#45 AR-1268-5

R.T.: 7.351 min
Delta R.T.: 0.032 min
Response: 43728
Conc: 0.02 ng/ml