

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
 Data File : PQ068280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 08:41
 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: Aug 29 01:41:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 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						
2) SA Decachlor...	8.599	7.638	359202	7447698	0.158	2.202 #
Target Compounds						
3) L1 AR-1016-1	4.606f	0.000	649999	0	2.876	N.D. #
4) L1 AR-1016-2	4.606f	0.000	649999	0	1.847	N.D. #
5) L1 AR-1016-3	4.620	0.000	351747	0	1.616	N.D. #
6) L1 AR-1016-4	4.715	0.000	179024	0	0.990	N.D. #
7) L1 AR-1016-5	0.000	4.255	0	47145900	N.D.	256.001 #
8) L2 AR-1221-1	3.654	0.000	286687	0	3.122	N.D. #
9) L2 AR-1221-2	3.707	0.000	253151	0	3.965	N.D. #
10) L2 AR-1221-3	3.766	0.000	201779	0	0.977	N.D. #
11) L3 AR-1232-1	3.766	0.000	201779	0	1.222	N.D. #
12) L3 AR-1232-2	4.259	0.000	669639	0	7.373	N.D. #
13) L3 AR-1232-3	4.606f	0.000	649999	0	3.844	N.D. #
14) L3 AR-1232-4	4.715	4.135f	179024	4006242	2.072	57.354 #
15) L3 AR-1232-5	4.796	4.255	281219	47145900	4.980	599.790 #
16) L4 AR-1242-1	4.606f	0.000	649999	0	3.180	N.D. #
17) L4 AR-1242-2	4.606f	0.000	649999	0	2.077	N.D. #
18) L4 AR-1242-3	4.620	0.000	351747	0	1.798	N.D. #
19) L4 AR-1242-4	4.715	4.135f	179024	4006242	1.108	27.381 #
20) L4 AR-1242-5	5.380f	4.609	25024114	29541161	148.010	152.817
21) L5 AR-1248-1	4.606f	0.000	649999	0	4.222	N.D. #
22) L5 AR-1248-2	4.796	0.000	281219	0	1.338	N.D. #
23) L5 AR-1248-3	0.000	4.135f	0	4006242	N.D.	18.656 #
24) L5 AR-1248-4	5.380	4.255	25024114	47145900	88.995	178.520 #
25) L5 AR-1248-5	5.380f	4.636	25024114	13227391	88.650	49.998 #
26) L6 AR-1254-1	5.349	4.609	3301168	29541161	11.933	75.183 #
27) L6 AR-1254-2	5.578	4.735	7996970	39011676	18.727	113.685 #
28) L6 AR-1254-3	5.931	5.121	16854466	37671706	37.526	69.597 #
29) L6 AR-1254-4	6.200	5.391f	4911924	19556383	15.364	57.978 #
30) L6 AR-1254-5	6.607	5.758	5701219	1012364	16.443	2.078 #
31) L7 AR-1260-1	6.115	5.250	22214254	29808117	67.315	81.957
32) L7 AR-1260-2	6.341	5.471	6294288	3954737	16.704	9.010 #
33) L7 AR-1260-3	6.696	0.000	3853164	0	13.934	N.D. #
34) L7 AR-1260-4	6.868f	6.070	2678618	999241	8.773	2.943 #
35) L7 AR-1260-5	7.228	6.284	1183851	5885431	2.028	7.416 #
36) L8 AR-1262-1	6.696	5.758f	3853164	1012364	9.119	1.968 #
37) L8 AR-1262-2	7.228	6.284	1183851	5885431	1.733	6.536 #
38) L8 AR-1262-3	7.495	6.499f	886651	9256300	2.003	26.949 #
39) L8 AR-1262-4	7.584	0.000	7285883	0	21.266	N.D. #
41) L9 AR-1268-1	7.495	6.499f	886651	9256300	1.154	9.292 #
42) L9 AR-1268-2	7.584	0.000	7285883	0	10.153	N.D. #
43) L9 AR-1268-3	7.718f	6.845	316159	1901933	0.547	2.331 #

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 29 01:41:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

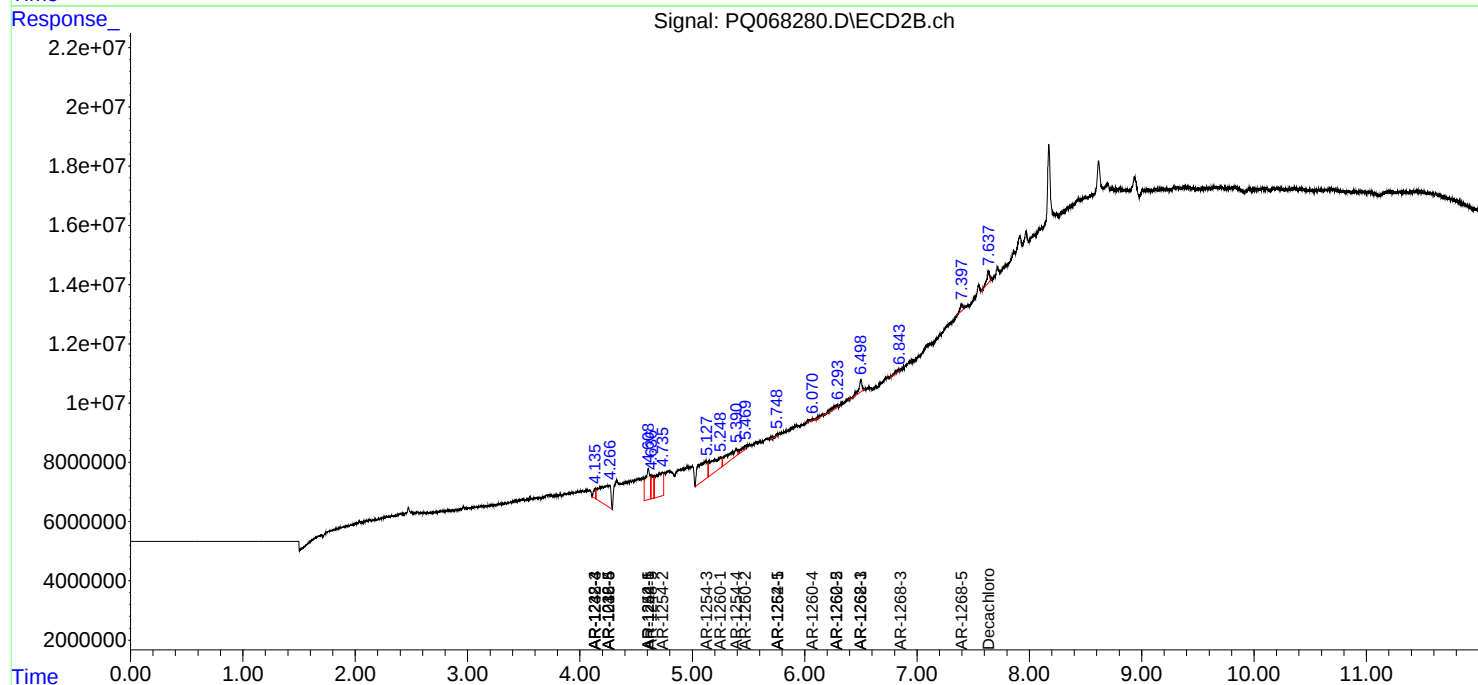
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

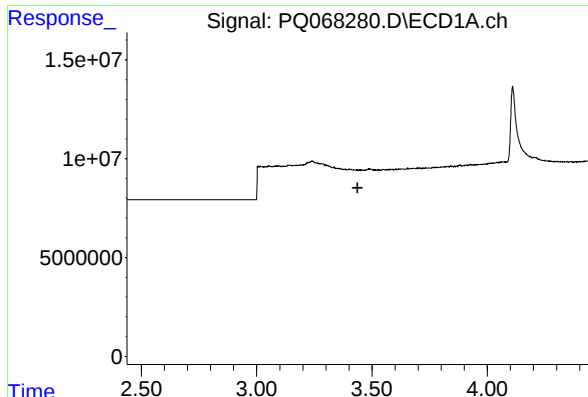
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.414f	7.403	-737874	3639314	N.D.	1.506 #

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

Instrument :
ECD_Q
ClientSampleId :
HEXANE

Volume Inj. : 1 μ l
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5 μ m Signal #2 Info : 30M x 0.32mm x 0.25 μ m

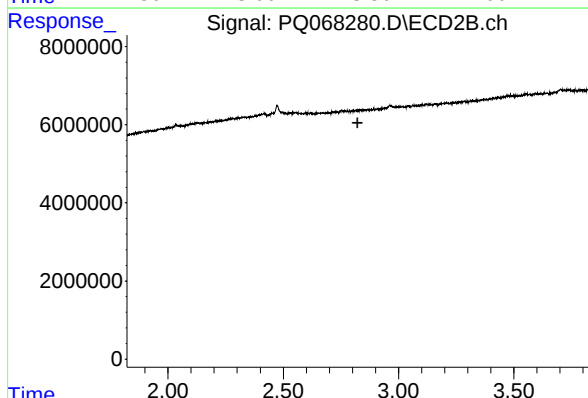




#1 Tetrachloro-m-xylene

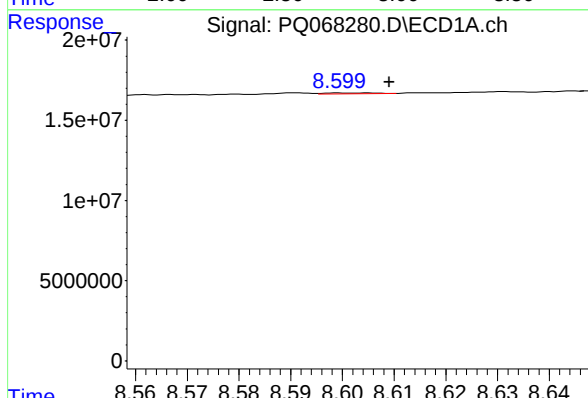
R.T.: 0.000 min
Exp R.T.: 3.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



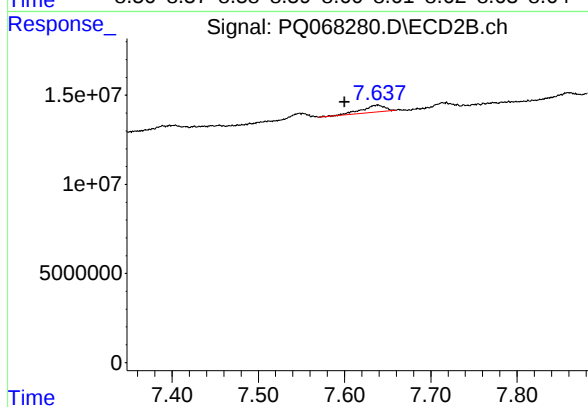
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.822 min
Response: 0
Conc: N.D.



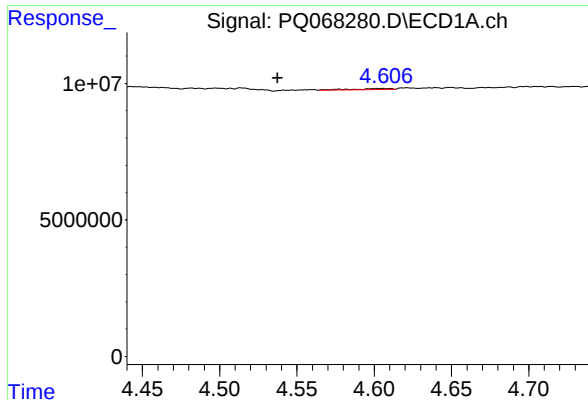
#2 Decachlorobiphenyl

R.T.: 8.599 min
Delta R.T.: -0.010 min
Response: 359202
Conc: 0.16 ng/ml



#2 Decachlorobiphenyl

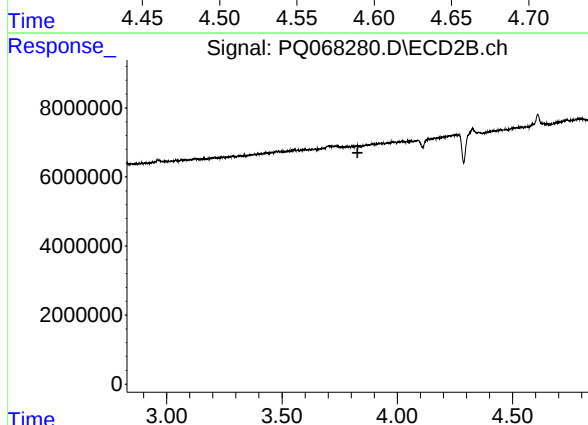
R.T.: 7.638 min
Delta R.T.: 0.038 min
Response: 7447698
Conc: 2.20 ng/ml



#3 AR-1016-1

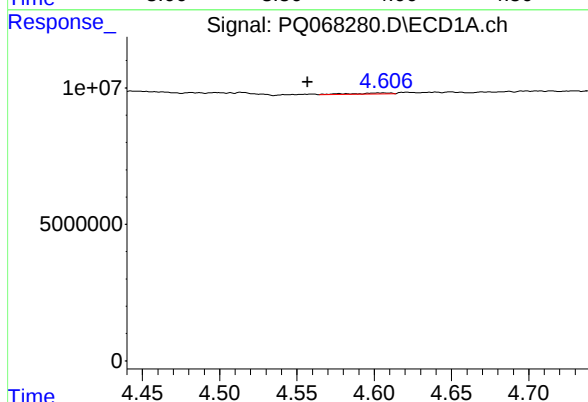
R.T.: 4.606 min
Delta R.T.: 0.069 min
Response: 649999
Conc: 2.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



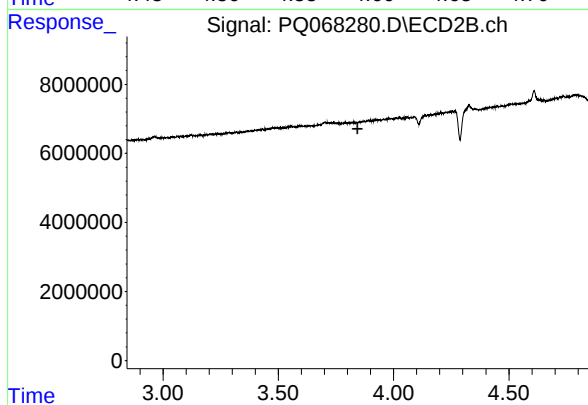
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



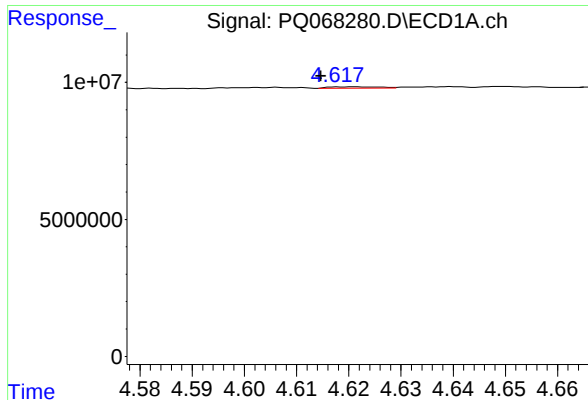
#4 AR-1016-2

R.T.: 4.606 min
Delta R.T.: 0.049 min
Response: 649999
Conc: 1.85 ng/ml



#4 AR-1016-2

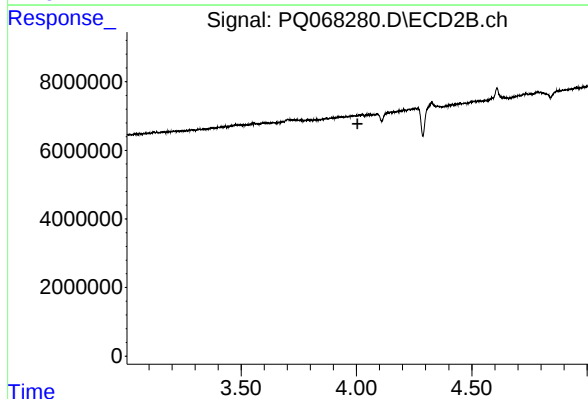
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#5 AR-1016-3

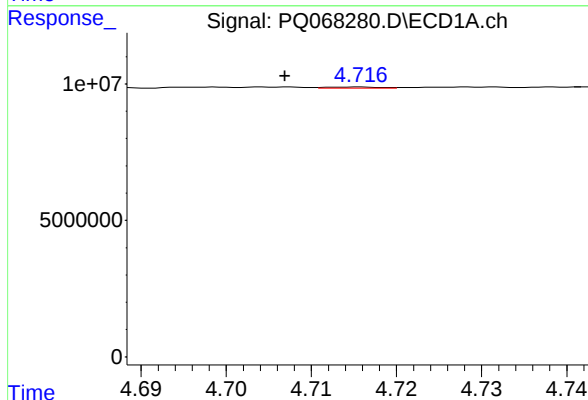
R.T.: 4.620 min
Delta R.T.: 0.005 min
Response: 351747
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



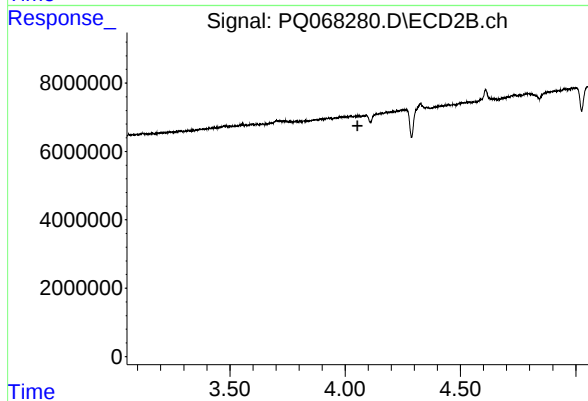
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.005 min
Response: 0
Conc: N.D.



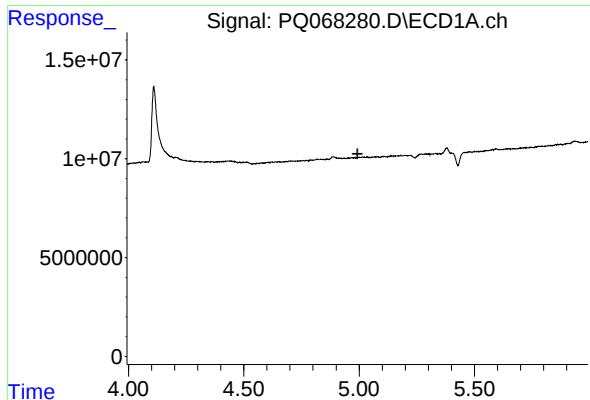
#6 AR-1016-4

R.T.: 4.715 min
Delta R.T.: 0.008 min
Response: 179024
Conc: 0.99 ng/ml



#6 AR-1016-4

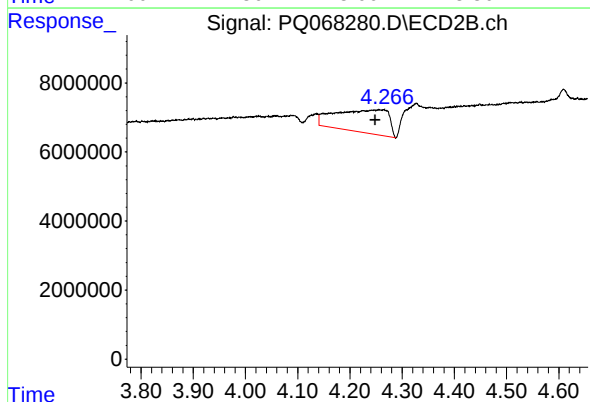
R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



#7 AR-1016-5

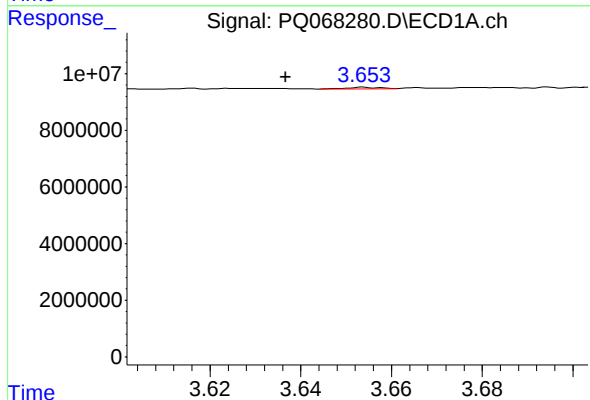
R.T.: 0.000 min
Exp R.T.: 4.993 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



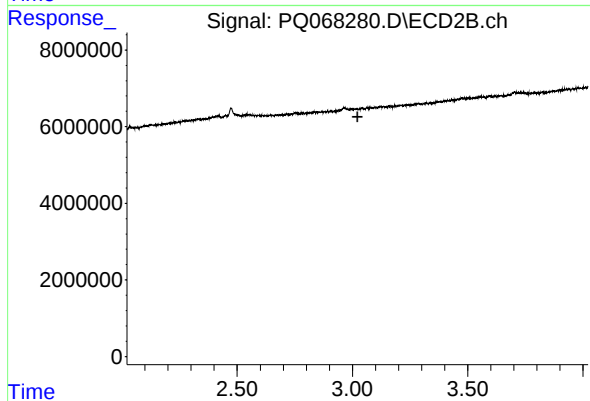
#7 AR-1016-5

R.T.: 4.255 min
Delta R.T.: 0.006 min
Response: 47145900
Conc: 256.00 ng/ml



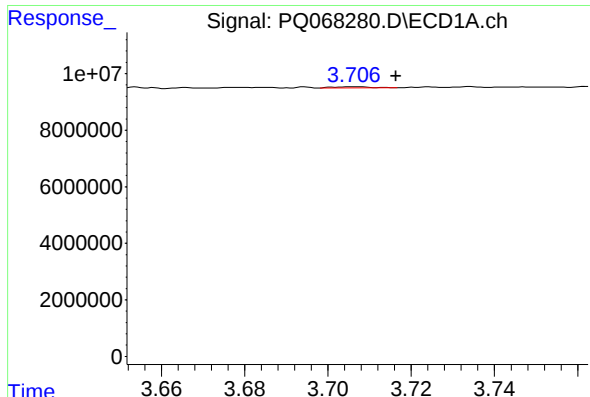
#8 AR-1221-1

R.T.: 3.654 min
Delta R.T.: 0.017 min
Response: 286687
Conc: 3.12 ng/ml



#8 AR-1221-1

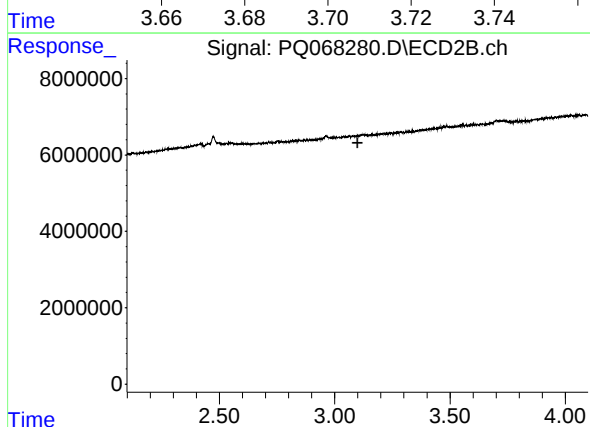
R.T.: 0.000 min
Exp R.T.: 3.022 min
Response: 0
Conc: N.D.



#9 AR-1221-2

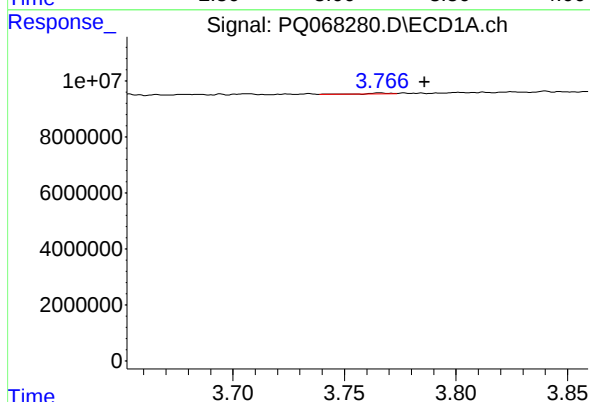
R.T.: 3.707 min
Delta R.T.: -0.010 min
Response: 253151
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



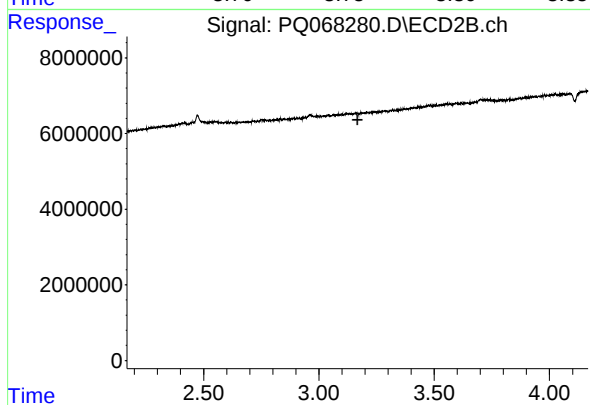
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 3.099 min
Response: 0
Conc: N.D.



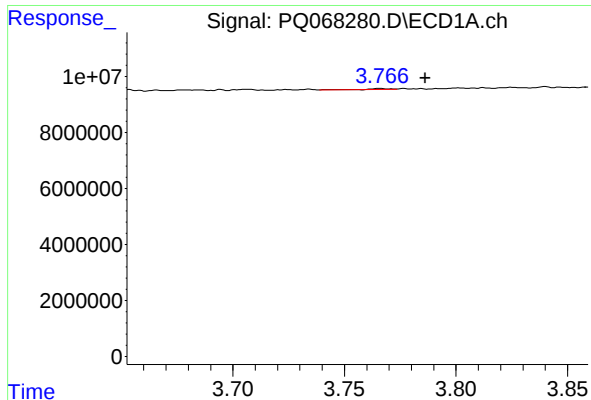
#10 AR-1221-3

R.T.: 3.766 min
Delta R.T.: -0.020 min
Response: 201779
Conc: 0.98 ng/ml



#10 AR-1221-3

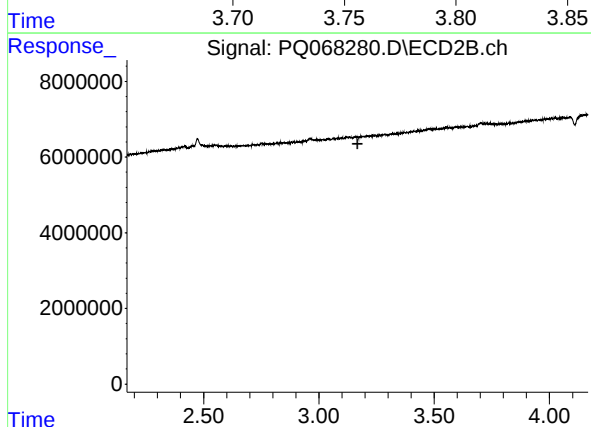
R.T.: 0.000 min
Exp R.T.: 3.168 min
Response: 0
Conc: N.D.



#11 AR-1232-1

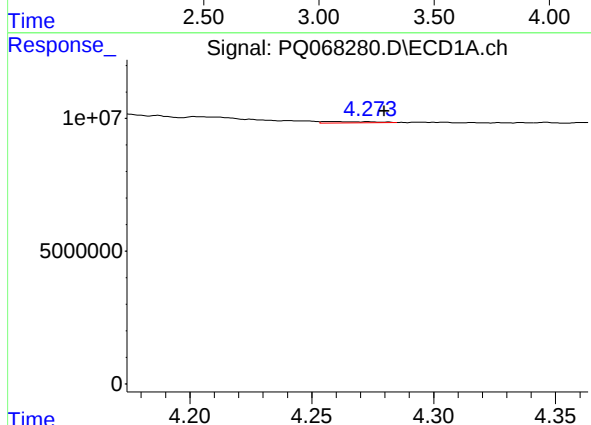
R.T.: 3.766 min
Delta R.T.: -0.020 min
Response: 201779
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



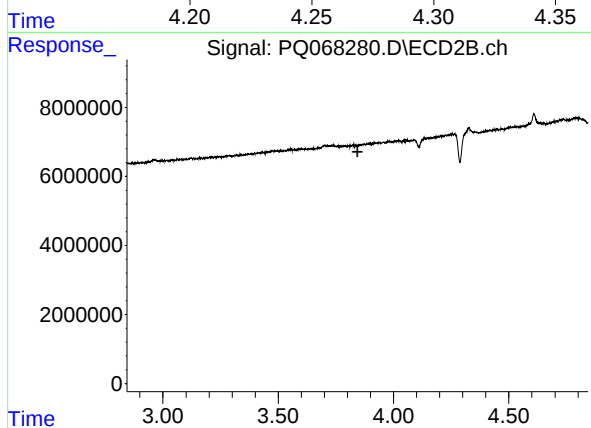
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 3.168 min
Response: 0
Conc: N.D.



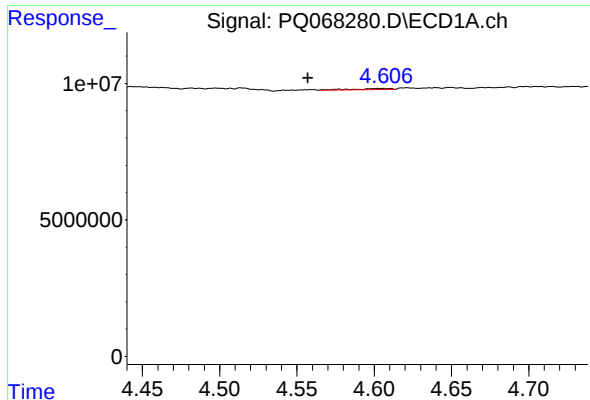
#12 AR-1232-2

R.T.: 4.259 min
Delta R.T.: -0.021 min
Response: 669639
Conc: 7.37 ng/ml



#12 AR-1232-2

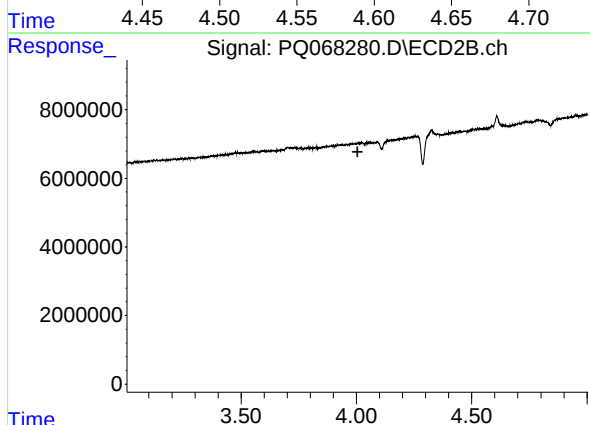
R.T.: 0.000 min
Exp R.T.: 3.844 min
Response: 0
Conc: N.D.



#13 AR-1232-3

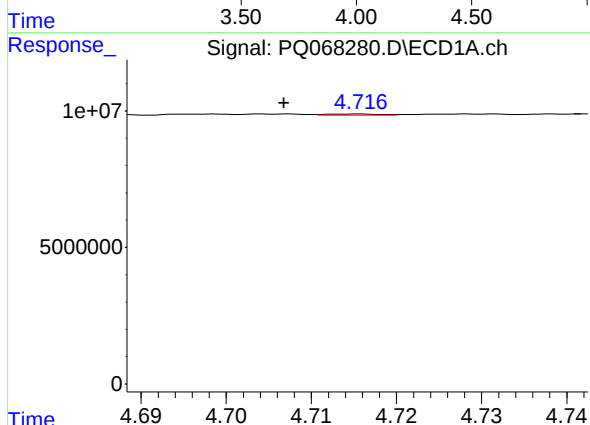
R.T.: 4.606 min
Delta R.T.: 0.049 min
Response: 649999
Conc: 3.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



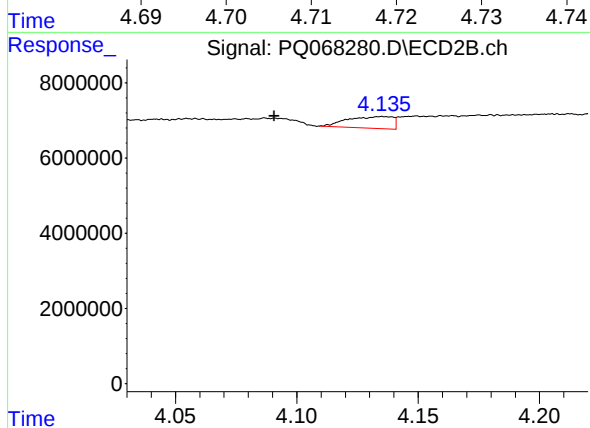
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.005 min
Response: 0
Conc: N.D.



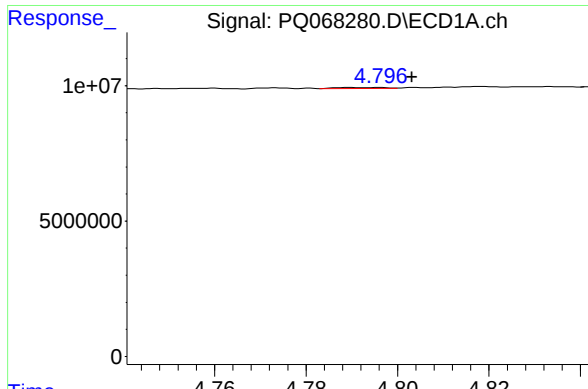
#14 AR-1232-4

R.T.: 4.715 min
Delta R.T.: 0.008 min
Response: 179024
Conc: 2.07 ng/ml



#14 AR-1232-4

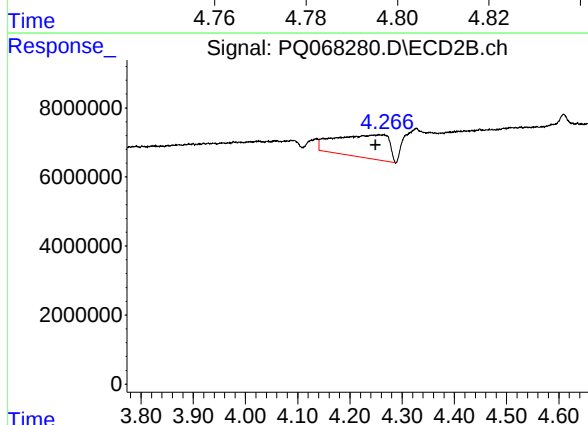
R.T.: 4.135 min
Delta R.T.: 0.045 min
Response: 4006242
Conc: 57.35 ng/ml



#15 AR-1232-5

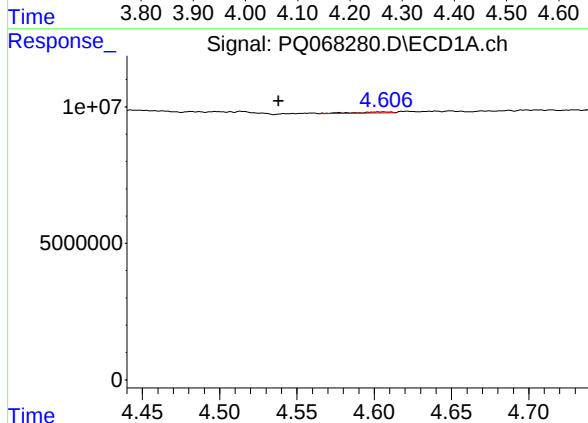
R.T.: 4.796 min
Delta R.T.: -0.007 min
Response: 281219
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



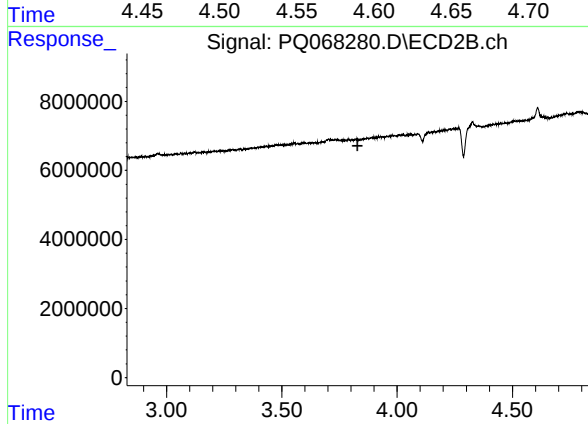
#15 AR-1232-5

R.T.: 4.255 min
Delta R.T.: 0.006 min
Response: 47145900
Conc: 599.79 ng/ml



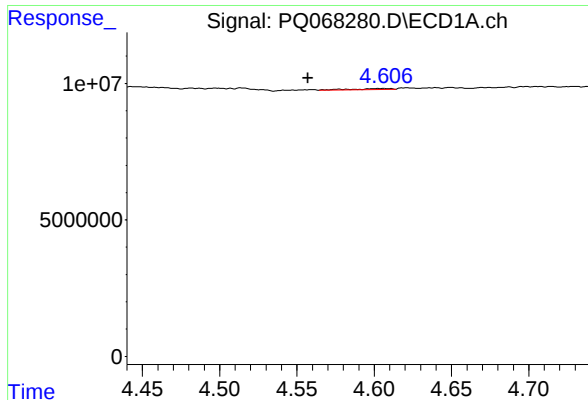
#16 AR-1242-1

R.T.: 4.606 min
Delta R.T.: 0.068 min
Response: 649999
Conc: 3.18 ng/ml



#16 AR-1242-1

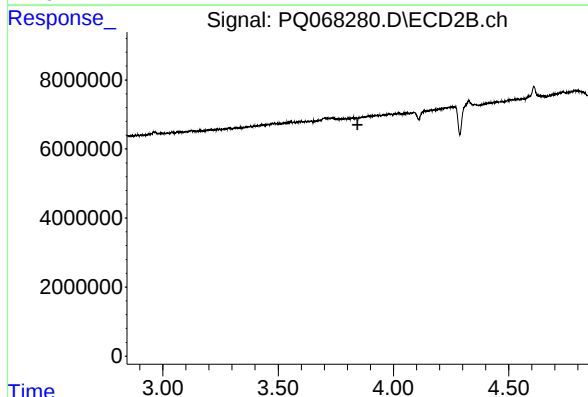
R.T.: 0.000 min
Exp R.T.: 3.828 min
Response: 0
Conc: N.D.



#17 AR-1242-2

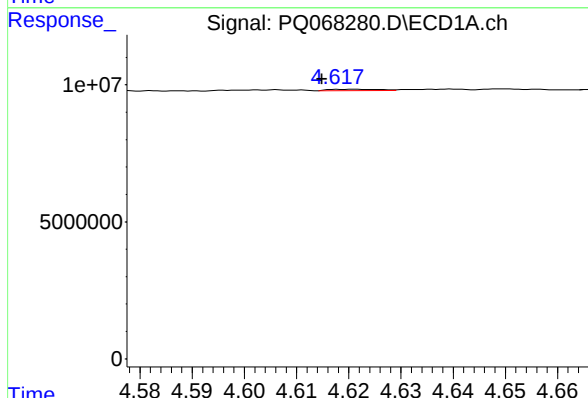
R.T.: 4.606 min
Delta R.T.: 0.049 min
Response: 649999
Conc: 2.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



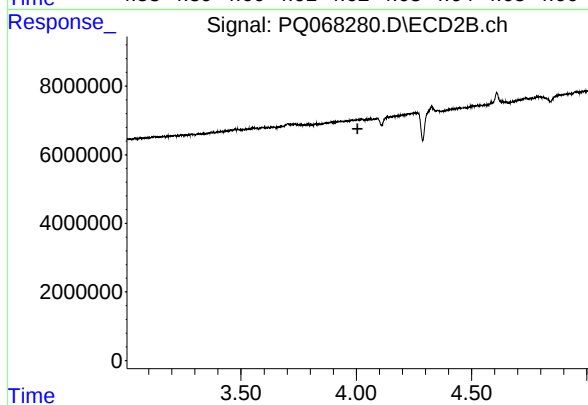
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



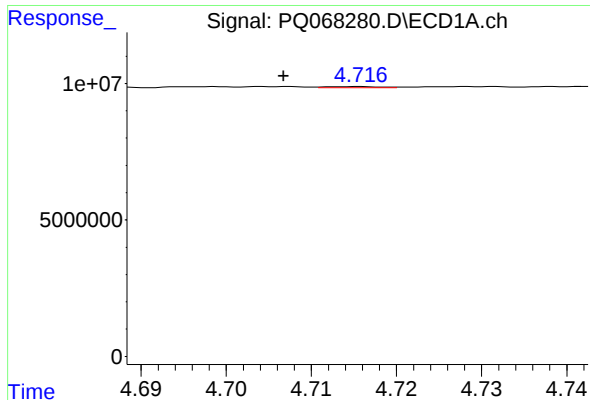
#18 AR-1242-3

R.T.: 4.620 min
Delta R.T.: 0.005 min
Response: 351747
Conc: 1.80 ng/ml



#18 AR-1242-3

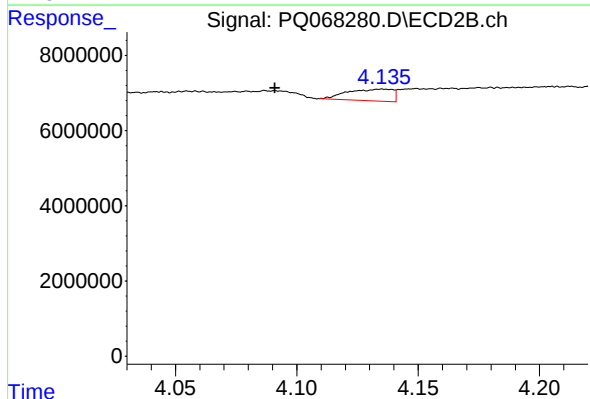
R.T.: 0.000 min
Exp R.T. : 4.005 min
Response: 0
Conc: N.D.



#19 AR-1242-4

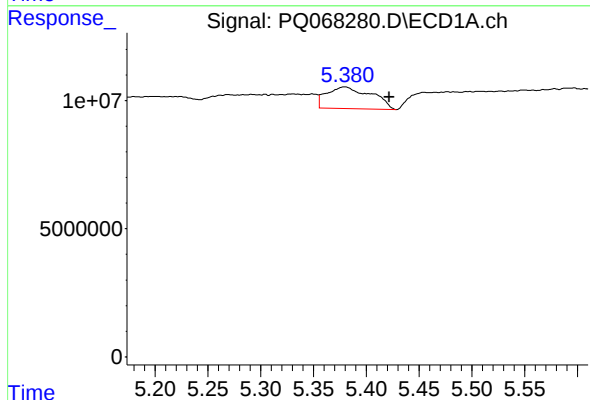
R.T.: 4.715 min
Delta R.T.: 0.008 min
Response: 179024
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



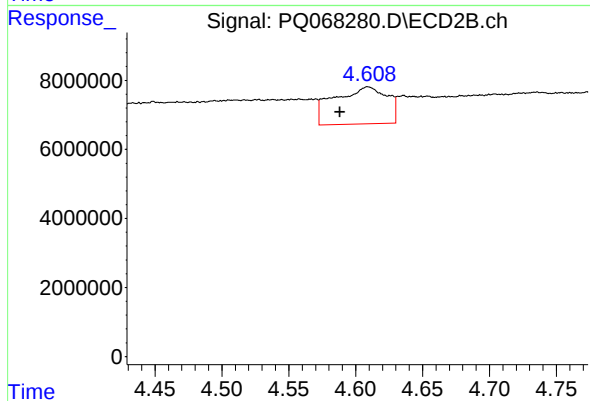
#19 AR-1242-4

R.T.: 4.135 min
Delta R.T.: 0.044 min
Response: 4006242
Conc: 27.38 ng/ml



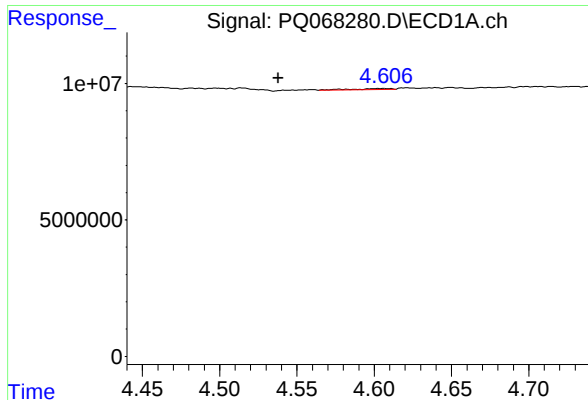
#20 AR-1242-5

R.T.: 5.380 min
Delta R.T.: -0.042 min
Response: 25024114
Conc: 148.01 ng/ml



#20 AR-1242-5

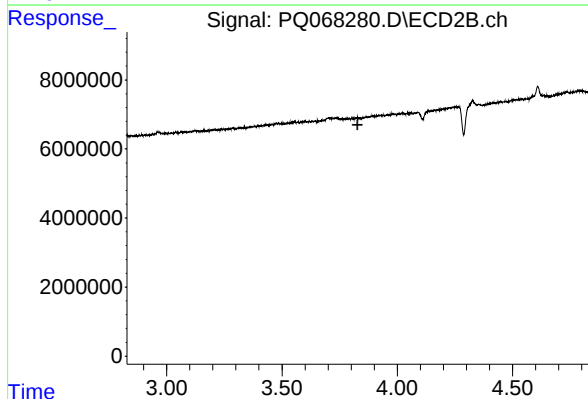
R.T.: 4.609 min
Delta R.T.: 0.021 min
Response: 29541161
Conc: 152.82 ng/ml



#21 AR-1248-1

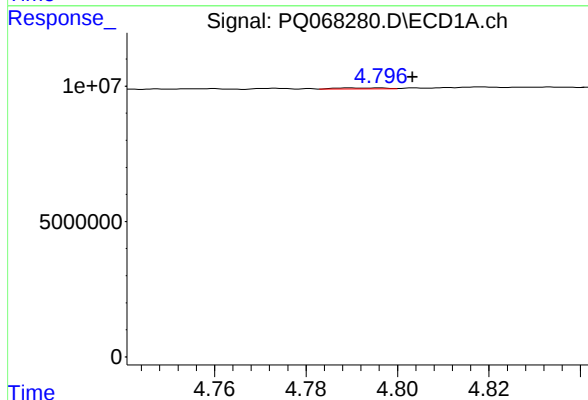
R.T.: 4.606 min
Delta R.T.: 0.068 min
Response: 649999
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



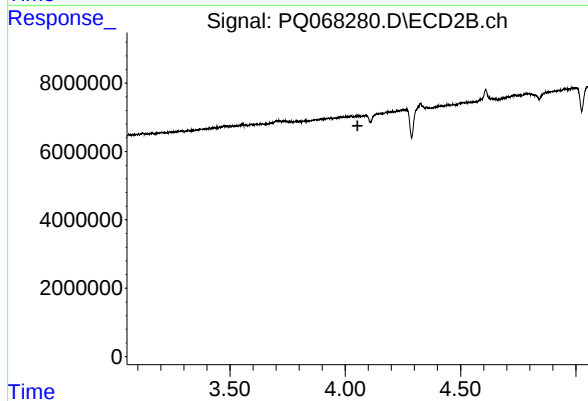
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



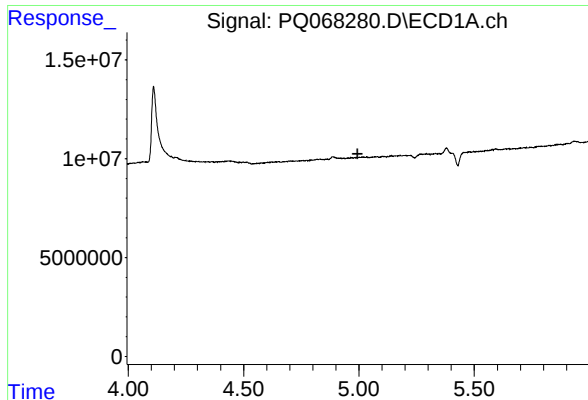
#22 AR-1248-2

R.T.: 4.796 min
Delta R.T.: -0.007 min
Response: 281219
Conc: 1.34 ng/ml



#22 AR-1248-2

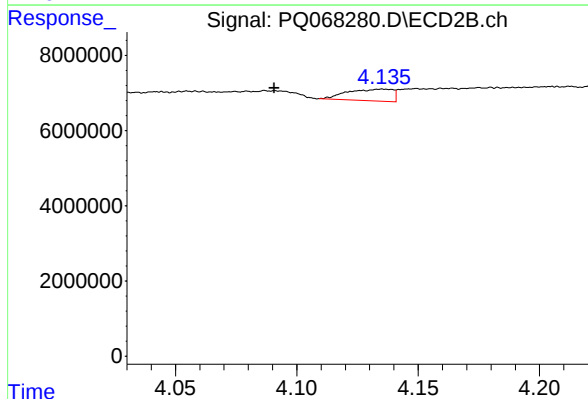
R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



#23 AR-1248-3

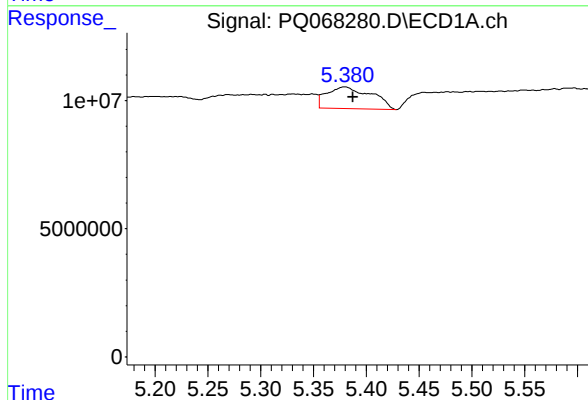
R.T.: 0.000 min
Exp R.T.: 4.994 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



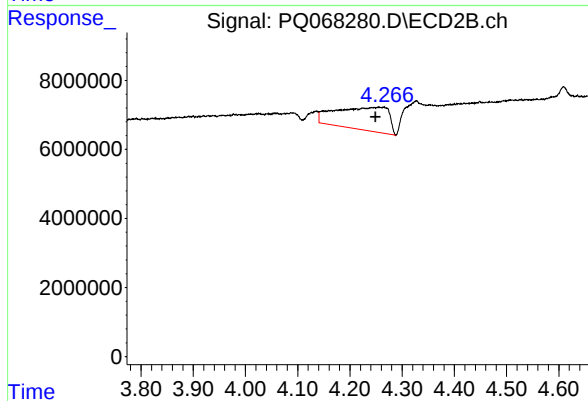
#23 AR-1248-3

R.T.: 4.135 min
Delta R.T.: 0.045 min
Response: 4006242
Conc: 18.66 ng/ml



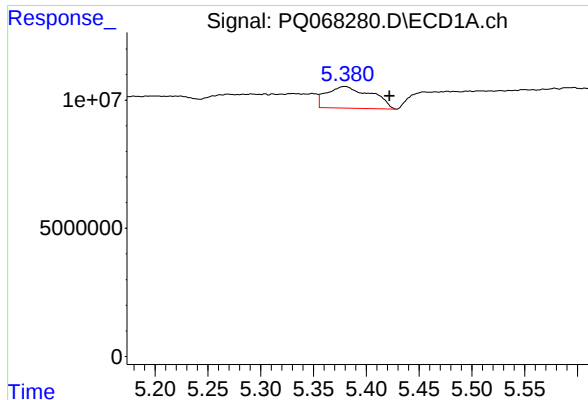
#24 AR-1248-4

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 25024114
Conc: 88.99 ng/ml



#24 AR-1248-4

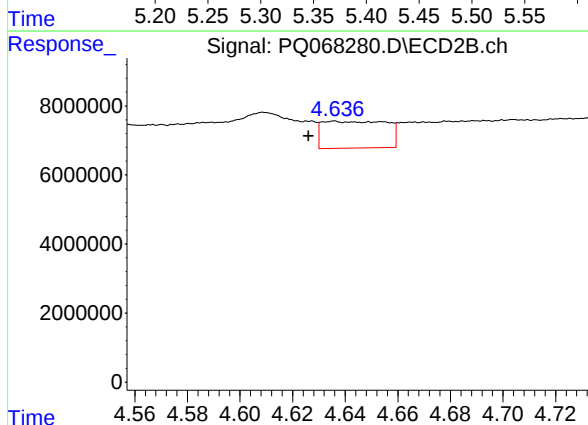
R.T.: 4.255 min
Delta R.T.: 0.006 min
Response: 47145900
Conc: 178.52 ng/ml



#25 AR-1248-5

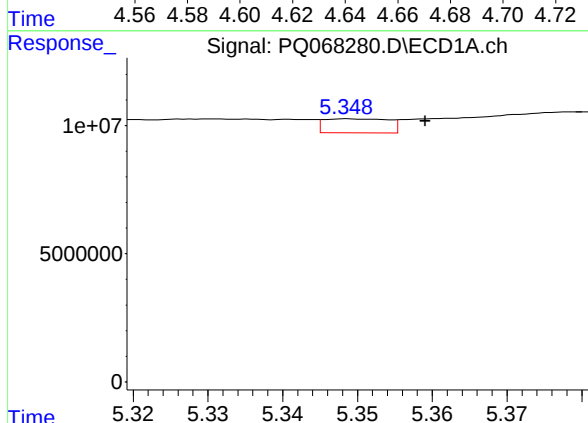
R.T.: 5.380 min
Delta R.T.: -0.043 min
Response: 25024114
Conc: 88.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



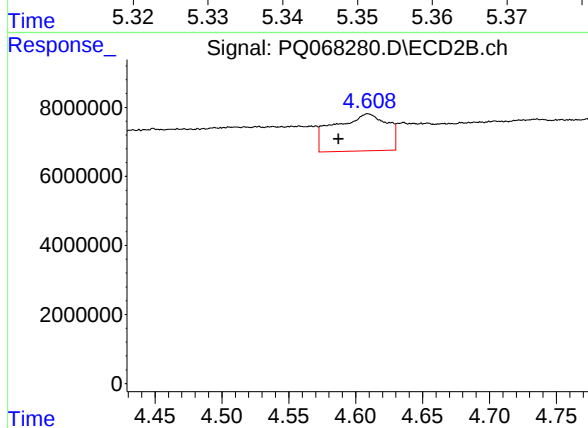
#25 AR-1248-5

R.T.: 4.636 min
Delta R.T.: 0.010 min
Response: 13227391
Conc: 50.00 ng/ml



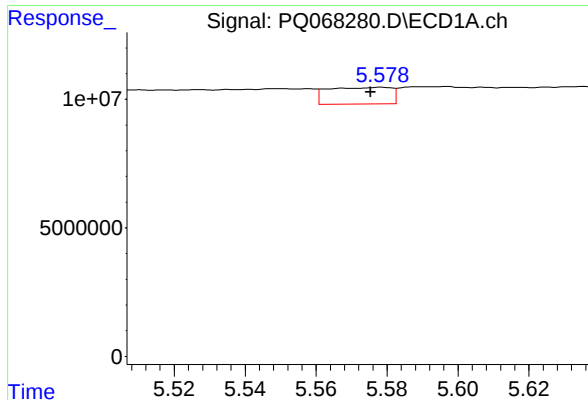
#26 AR-1254-1

R.T.: 5.349 min
Delta R.T.: -0.010 min
Response: 3301168
Conc: 11.93 ng/ml



#26 AR-1254-1

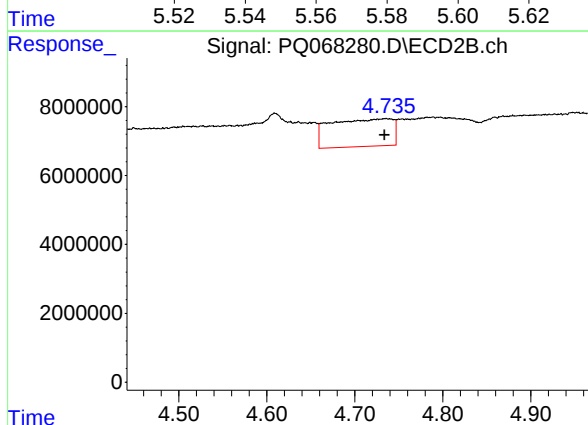
R.T.: 4.609 min
Delta R.T.: 0.022 min
Response: 29541161
Conc: 75.18 ng/ml



#27 AR-1254-2

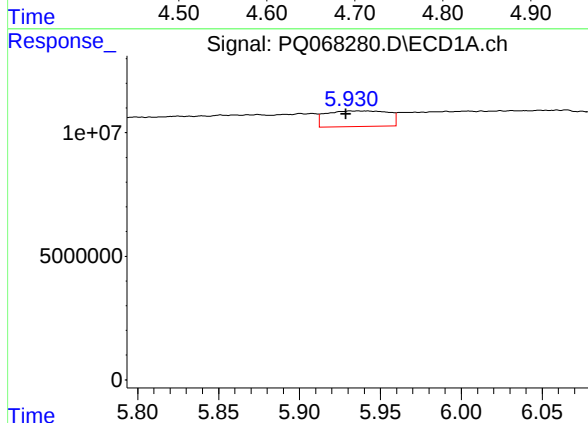
R.T.: 5.578 min
Delta R.T.: 0.003 min
Response: 7996970
Conc: 18.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



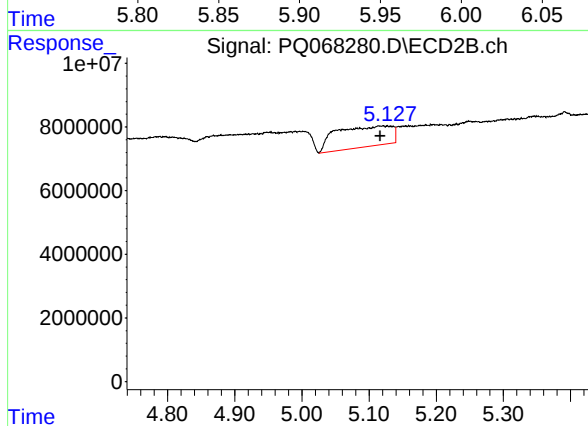
#27 AR-1254-2

R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 39011676
Conc: 113.69 ng/ml



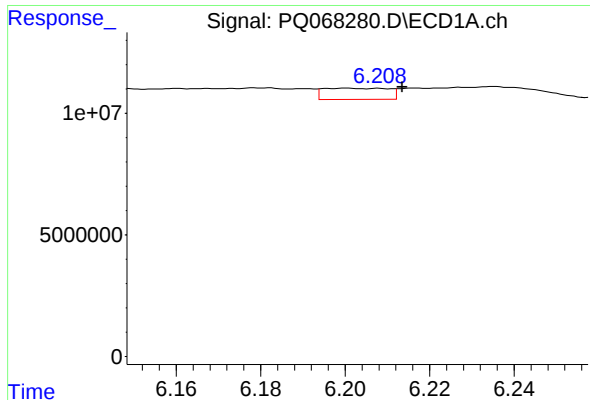
#28 AR-1254-3

R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 16854466
Conc: 37.53 ng/ml



#28 AR-1254-3

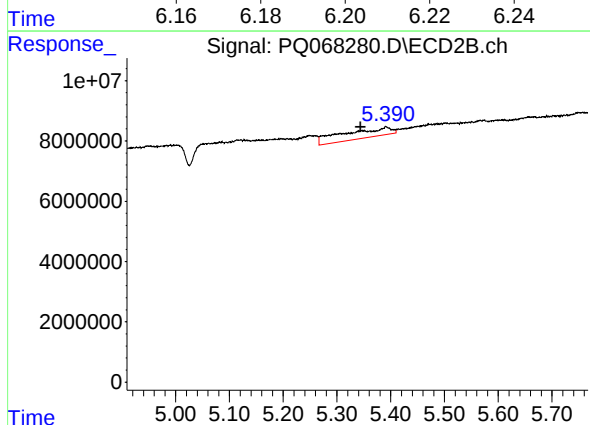
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 37671706
Conc: 69.60 ng/ml



#29 AR-1254-4

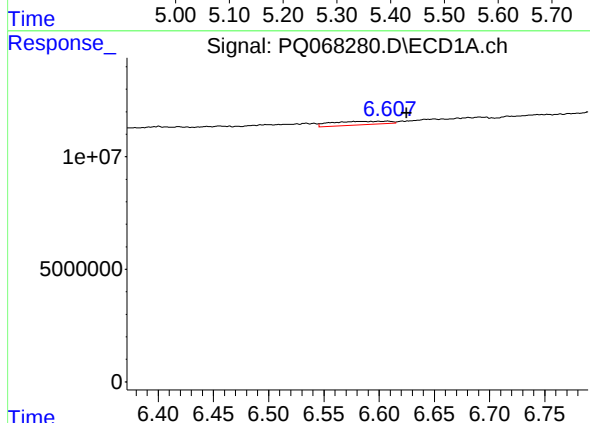
R.T.: 6.200 min
Delta R.T.: -0.013 min
Response: 4911924
Conc: 15.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



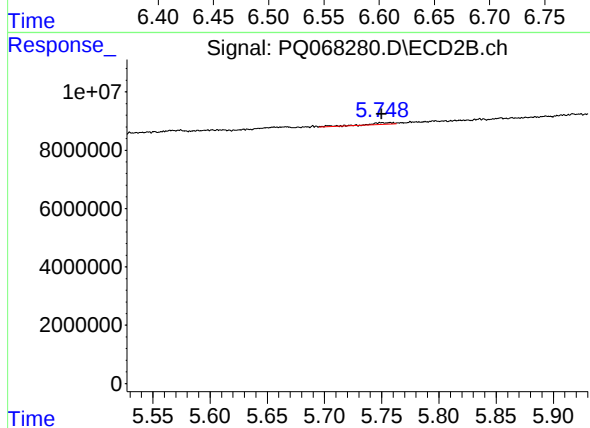
#29 AR-1254-4

R.T.: 5.391 min
Delta R.T.: 0.047 min
Response: 19556383
Conc: 57.98 ng/ml



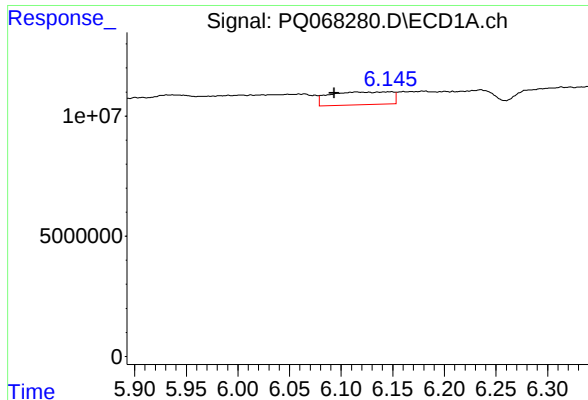
#30 AR-1254-5

R.T.: 6.607 min
Delta R.T.: -0.018 min
Response: 5701219
Conc: 16.44 ng/ml



#30 AR-1254-5

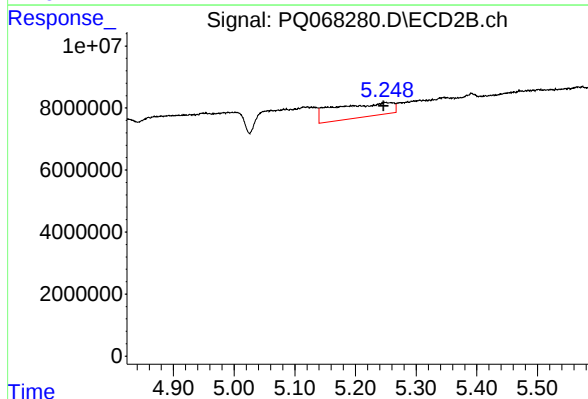
R.T.: 5.758 min
Delta R.T.: 0.008 min
Response: 1012364
Conc: 2.08 ng/ml



#31 AR-1260-1

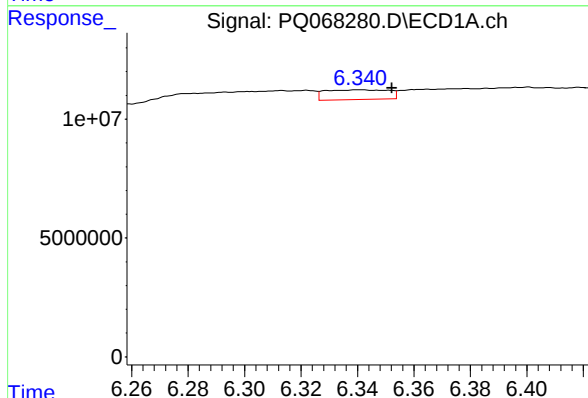
R.T.: 6.115 min
Delta R.T.: 0.021 min
Response: 22214254
Conc: 67.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



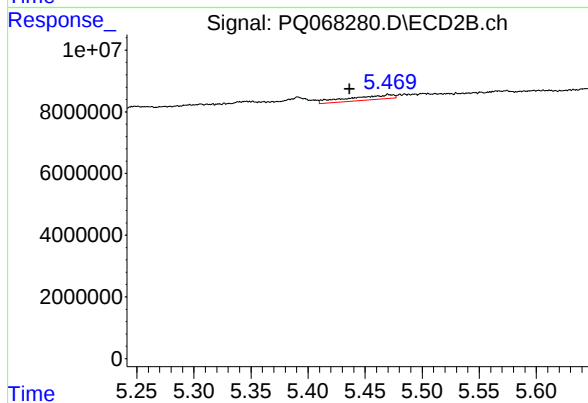
#31 AR-1260-1

R.T.: 5.250 min
Delta R.T.: 0.003 min
Response: 29808117
Conc: 81.96 ng/ml



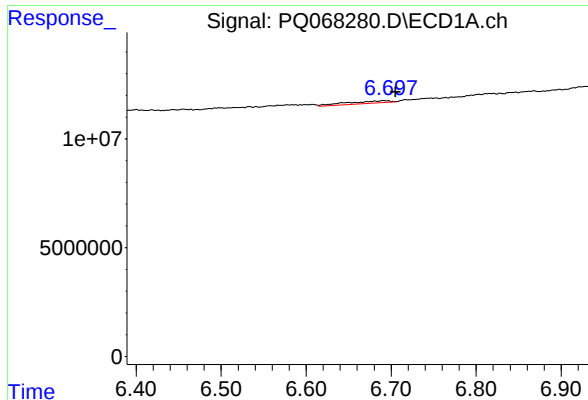
#32 AR-1260-2

R.T.: 6.341 min
Delta R.T.: -0.012 min
Response: 6294288
Conc: 16.70 ng/ml



#32 AR-1260-2

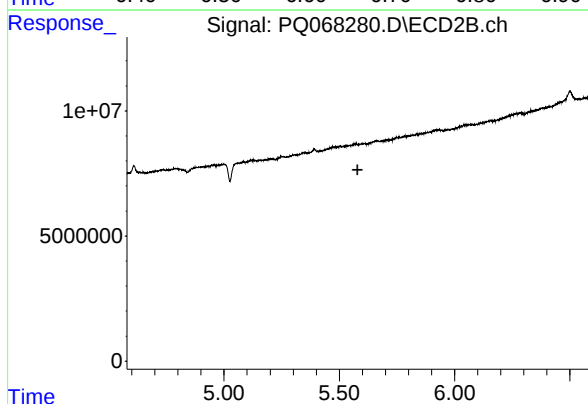
R.T.: 5.471 min
Delta R.T.: 0.034 min
Response: 3954737
Conc: 9.01 ng/ml



#33 AR-1260-3

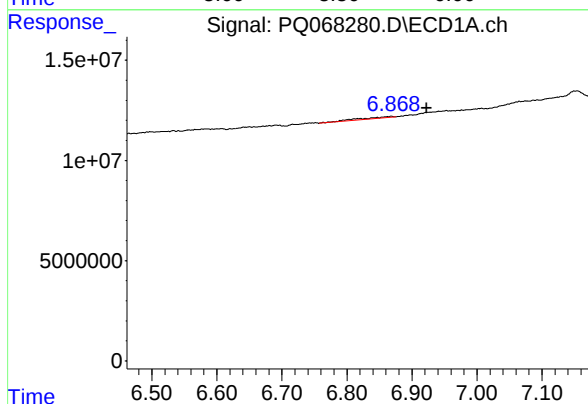
R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 3853164
Conc: 13.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



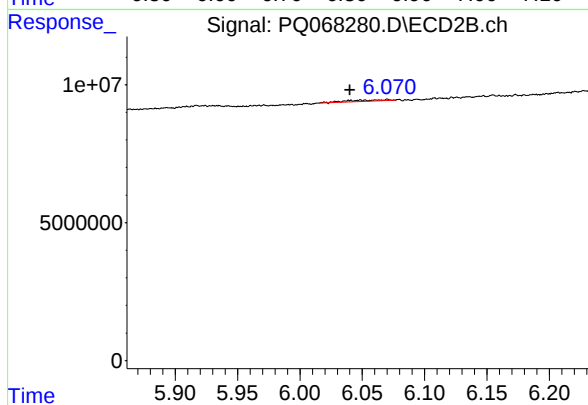
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 5.579 min
Response: 0
Conc: N.D.



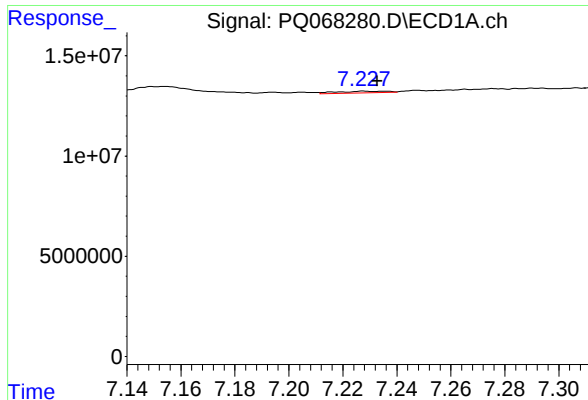
#34 AR-1260-4

R.T.: 6.868 min
Delta R.T.: -0.054 min
Response: 2678618
Conc: 8.77 ng/ml



#34 AR-1260-4

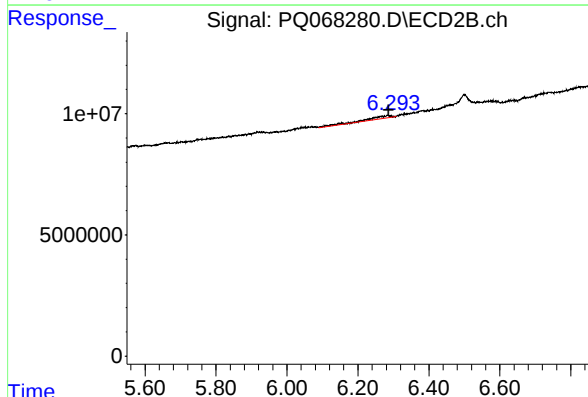
R.T.: 6.070 min
Delta R.T.: 0.030 min
Response: 999241
Conc: 2.94 ng/ml



#35 AR-1260-5

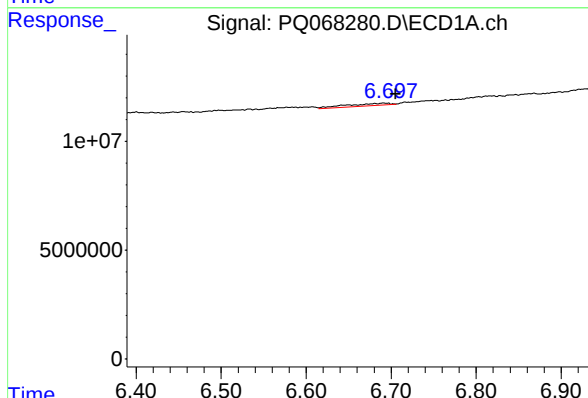
R.T.: 7.228 min
Delta R.T.: -0.005 min
Response: 1183851
Conc: 2.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



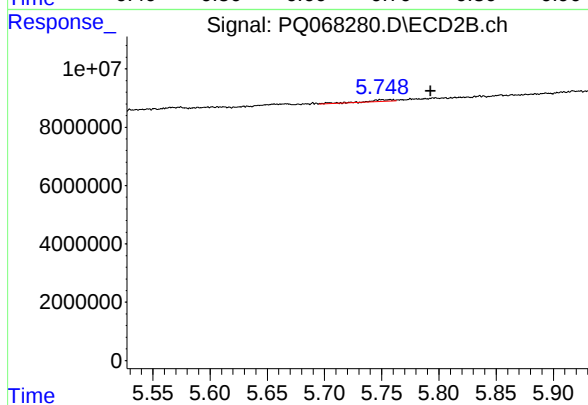
#35 AR-1260-5

R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 5885431
Conc: 7.42 ng/ml



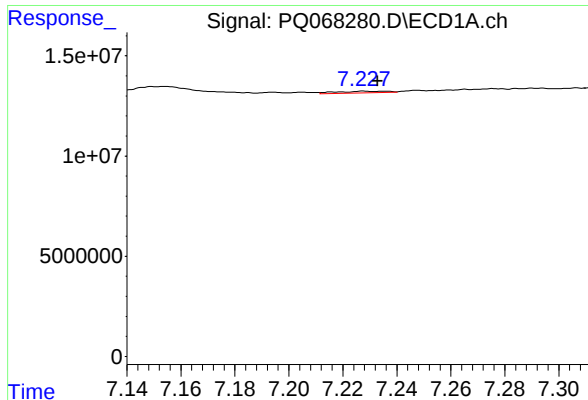
#36 AR-1262-1

R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 3853164
Conc: 9.12 ng/ml



#36 AR-1262-1

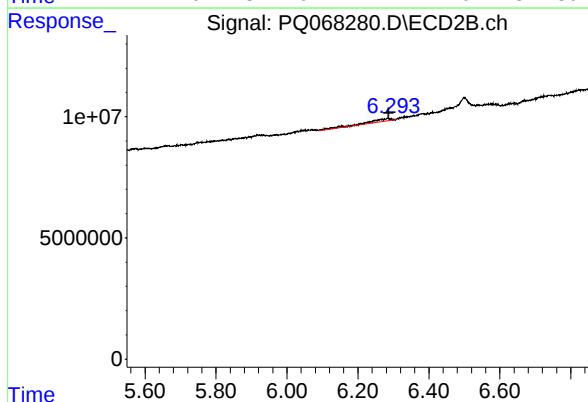
R.T.: 5.758 min
Delta R.T.: -0.035 min
Response: 1012364
Conc: 1.97 ng/ml



#37 AR-1262-2

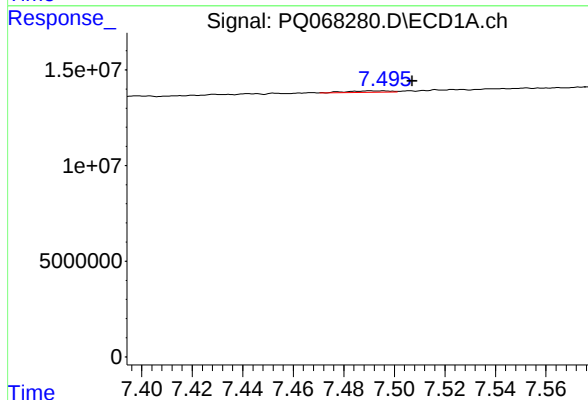
R.T.: 7.228 min
Delta R.T.: -0.005 min
Response: 1183851
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



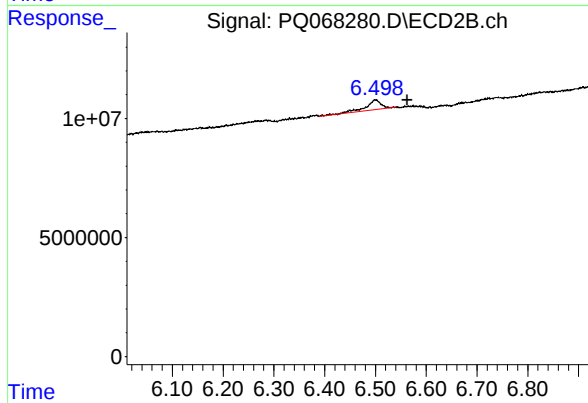
#37 AR-1262-2

R.T.: 6.284 min
Delta R.T.: -0.003 min
Response: 5885431
Conc: 6.54 ng/ml



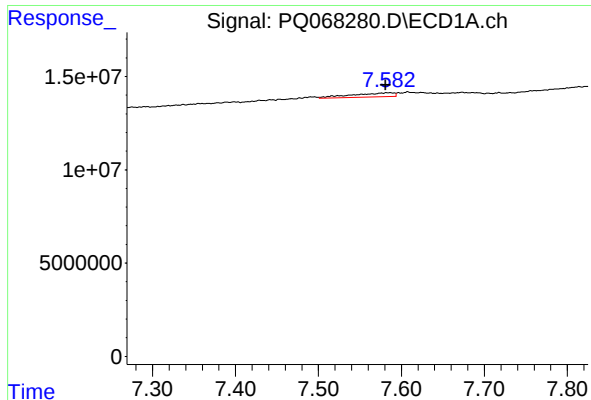
#38 AR-1262-3

R.T.: 7.495 min
Delta R.T.: -0.012 min
Response: 886651
Conc: 2.00 ng/ml



#38 AR-1262-3

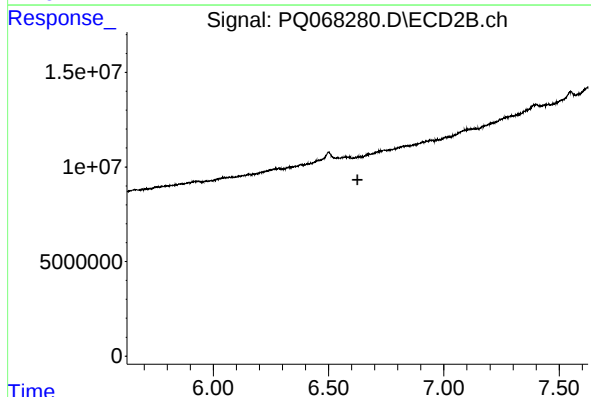
R.T.: 6.499 min
Delta R.T.: -0.064 min
Response: 9256300
Conc: 26.95 ng/ml



#39 AR-1262-4

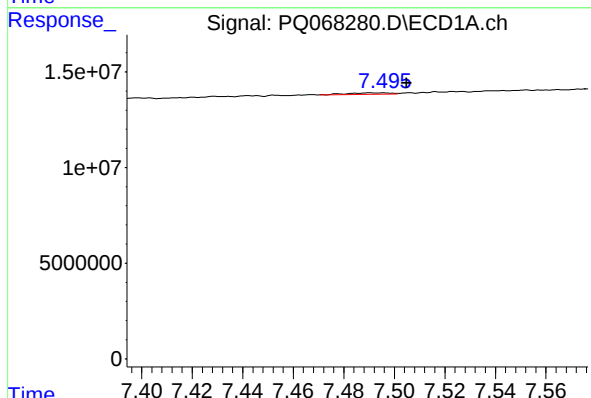
R.T.: 7.584 min
Delta R.T.: 0.003 min
Response: 7285883
Conc: 21.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



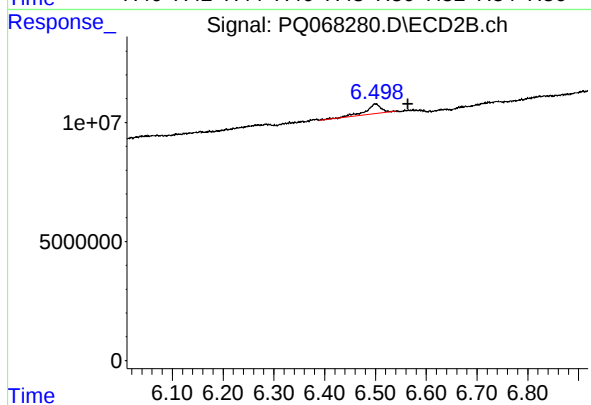
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 6.625 min
Response: 0
Conc: N.D.



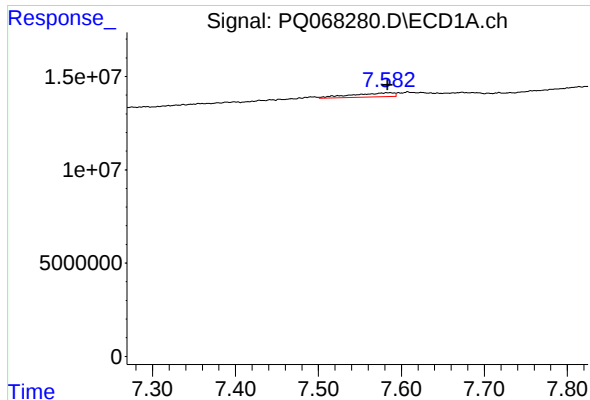
#41 AR-1268-1

R.T.: 7.495 min
Delta R.T.: -0.010 min
Response: 886651
Conc: 1.15 ng/ml



#41 AR-1268-1

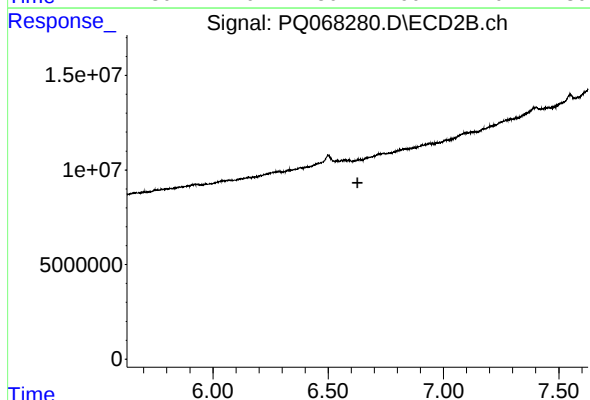
R.T.: 6.499 min
Delta R.T.: -0.065 min
Response: 9256300
Conc: 9.29 ng/ml



#42 AR-1268-2

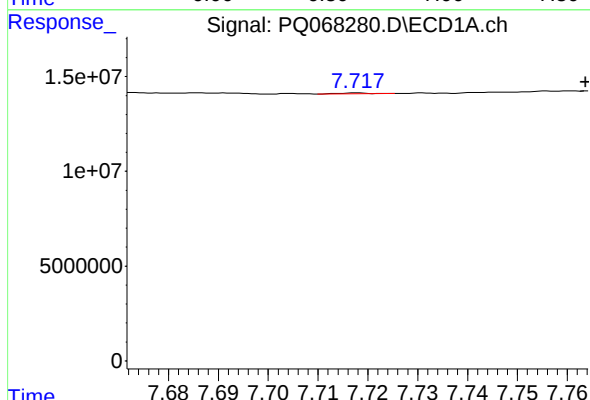
R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 7285883
Conc: 10.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



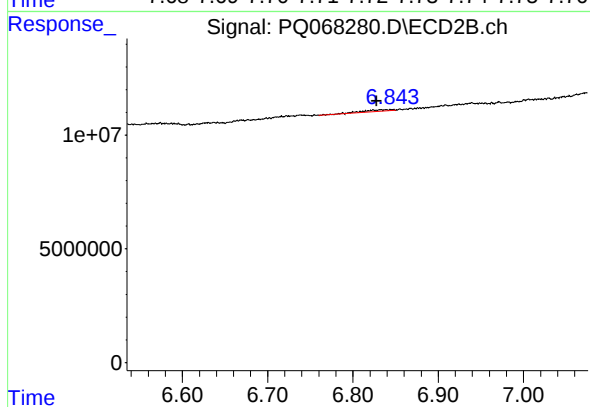
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 6.627 min
Response: 0
Conc: N.D.



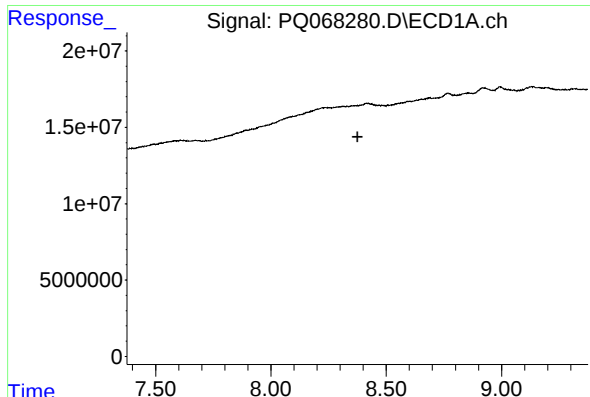
#43 AR-1268-3

R.T.: 7.718 min
Delta R.T.: -0.046 min
Response: 316159
Conc: 0.55 ng/ml



#43 AR-1268-3

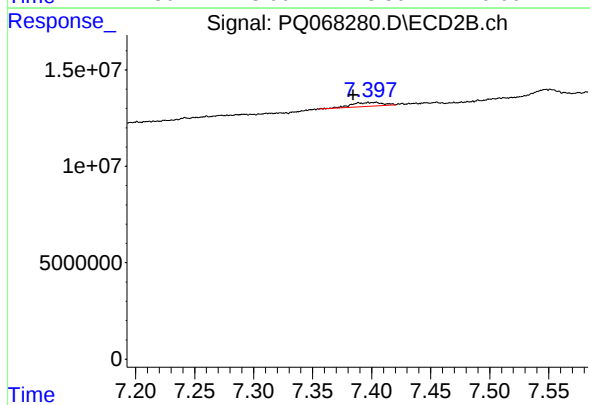
R.T.: 6.845 min
Delta R.T.: 0.017 min
Response: 1901933
Conc: 2.33 ng/ml



#45 AR-1268-5

R.T.: 8.414 min
Delta R.T.: 0.039 min
Response: -737874
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 7.403 min
Delta R.T.: 0.019 min
Response: 3639314
Conc: 1.51 ng/ml