

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041124\
 Data File : PQ066041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2024 10:43
 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: Apr 11 21:17:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 19 12:55:45 2024
 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...	3.453	2.754	167848	682623	0.034	0.092 #
2)	SA Decachlor...	8.650	7.510	105197	2701504	0.036	0.323 #
Target Compounds							
3)	L1 AR-1016-1	4.565	3.732	33780	93627	0.216	0.333 #
4)	L1 AR-1016-2	4.565	3.742	33780	208001	0.147	0.511 #
5)	L1 AR-1016-3	4.622	3.915	24325	156307	0.169	0.701 #
6)	L1 AR-1016-4	4.710	3.960	152486	355931	1.325	1.865 #
7)	L1 AR-1016-5	5.033	4.156	352694	120776	3.164	0.532 #
8)	L2 AR-1221-1	3.665	2.940	669576	181490	13.065	2.163 #
9)	L2 AR-1221-2	3.738	3.018	729125	83257	18.804	1.281 #
10)	L2 AR-1221-3	3.789	3.082	345374	118693	2.931	0.608 #
11)	L3 AR-1232-1	3.789	3.082	345374	118693	3.525	0.724 #
12)	L3 AR-1232-2	4.291	3.742	101195	208001	2.015	1.203 #
13)	L3 AR-1232-3	4.565	3.915	33780	156307	0.356	1.674 #
14)	L3 AR-1232-4	4.710	3.993	152486	156111	3.238	1.957 #
15)	L3 AR-1232-5	4.819	4.156	176982	120776	5.525	1.339 #
16)	L4 AR-1242-1	4.565	3.732	33780	93627	0.315	0.473 #
17)	L4 AR-1242-2	4.565	3.742	33780	208001	0.217	0.744 #
18)	L4 AR-1242-3	4.646	3.915	269004	156307	2.712	1.005 #
19)	L4 AR-1242-4	4.738	3.993	60642	156111	0.742	1.046 #
20)	L4 AR-1242-5	5.442	4.492	125246	149207	1.538	0.734 #
21)	L5 AR-1248-1	4.565	3.732	33780	93627	0.418	0.608 #
22)	L5 AR-1248-2	4.819	3.960	176982	355931	1.580	1.546
23)	L5 AR-1248-3	5.033	3.993	352694	156111	2.621	0.707 #
24)	L5 AR-1248-4	5.390	4.156	337886	120776	2.366	0.445 #
25)	L5 AR-1248-5	5.442	4.525	125246	127371	0.874	0.471 #
26)	L6 AR-1254-1	5.375	4.492	98019	149207	0.647	0.371 #
27)	L6 AR-1254-2	5.613	4.638	764551	271229	3.322	0.738 #
28)	L6 AR-1254-3	5.937	5.015	402327	952407	1.700	1.643
29)	L6 AR-1254-4	6.240	5.239	131643	1258895	0.753	3.233 #
30)	L6 AR-1254-5	6.671	5.651	1625722	1109025	8.426	1.943 #
31)	L7 AR-1260-1	6.131	5.148	366255	894995	1.786	1.876
32)	L7 AR-1260-2	6.399	5.336	896163	613591	3.604	1.114 #
33)	L7 AR-1260-3	6.730	5.474	499982	113732	3.178	0.216 #
34)	L7 AR-1260-4	6.953	5.940	509230	201030	2.722	0.632 #
35)	L7 AR-1260-5	7.252	6.183	1076091	359397	3.172	0.403 #
36)	L8 AR-1262-1	6.631	5.651	215351	1109025	1.518	4.043 #
37)	L8 AR-1262-2	7.274	5.940	762863	201030	2.182	0.393 #
38)	L8 AR-1262-3	7.538	6.450	223628	1441358	0.871	3.328 #
39)	L8 AR-1262-4	7.600	6.527	522597	623151	2.638	0.842 #
40)	L8 AR-1262-5	8.102	0.000	1193411	0	9.617	N.D. #
41)	L9 AR-1268-1	7.538	6.450	223628	1441358	0.489	1.161 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041124\
Data File : PQ066041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2024 10:43
Operator : YP\AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

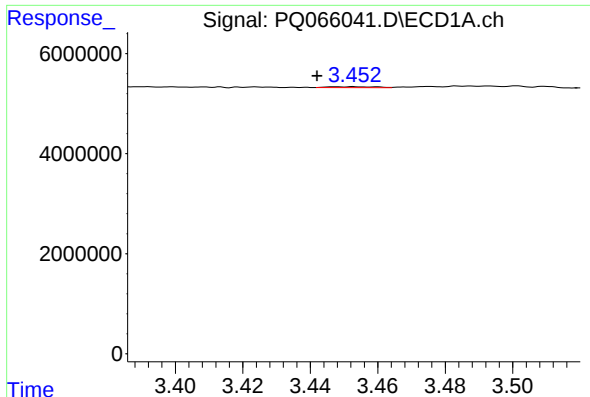
Instrument :
ECD_Q
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 21:17:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 19 12:55:45 2024
Response via : Initial Calibration
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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
42) L9	AR-1268-2	7.628	6.527	238472	623151	0.569	0.546
43) L9	AR-1268-3	7.807	6.734	51077	2662568	0.149	2.730 #
44) L9	AR-1268-4	8.102	0.000	1193411	0	7.976	N.D. #
45) L9	AR-1268-5	8.415	0.000	329532	0	0.334	N.D. #

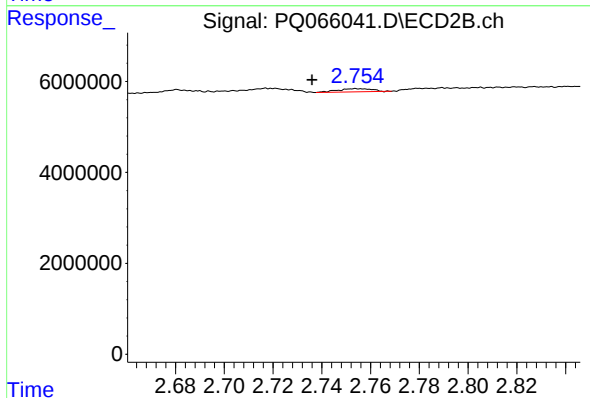
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

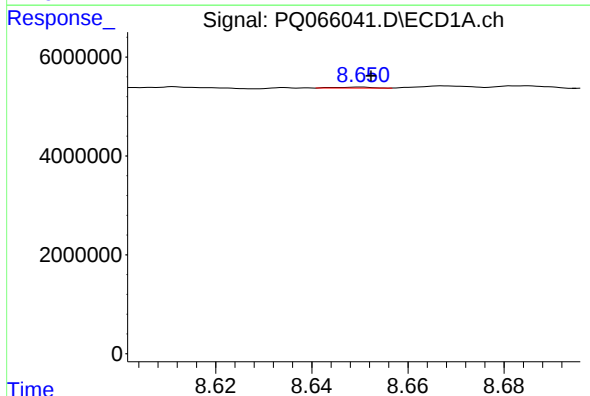
R.T.: 3.453 min
Delta R.T.: 0.011 min
Response: 167848
Conc: 0.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



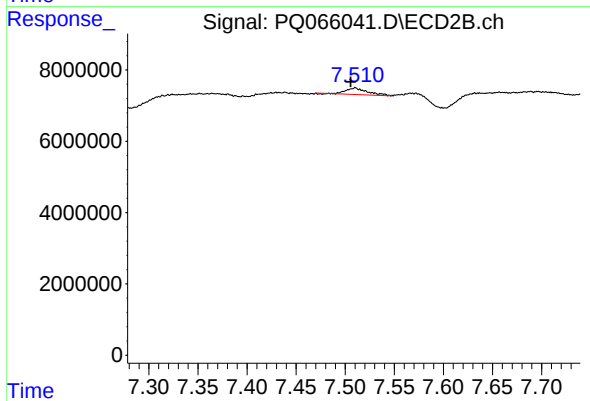
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: 0.018 min
Response: 682623
Conc: 0.09 ng/ml



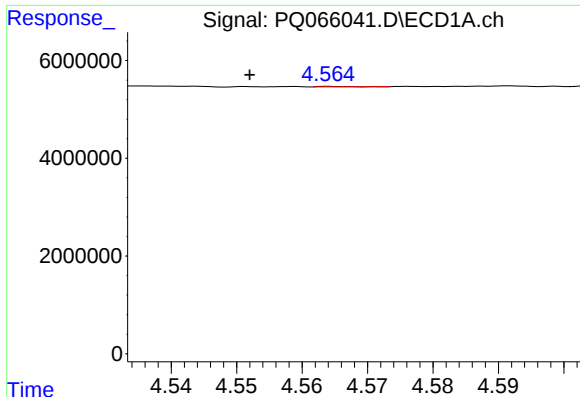
#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: -0.002 min
Response: 105197
Conc: 0.04 ng/ml



#2 Decachlorobiphenyl

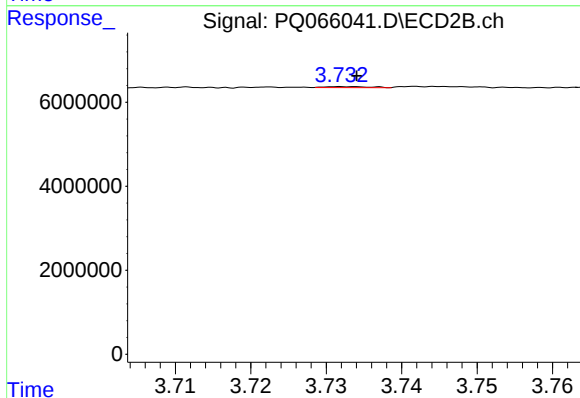
R.T.: 7.510 min
Delta R.T.: 0.005 min
Response: 2701504
Conc: 0.32 ng/ml



#3 AR-1016-1

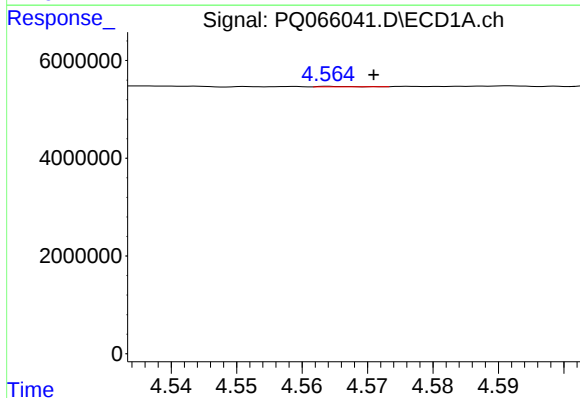
R.T.: 4.565 min
Delta R.T.: 0.013 min
Response: 33780
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



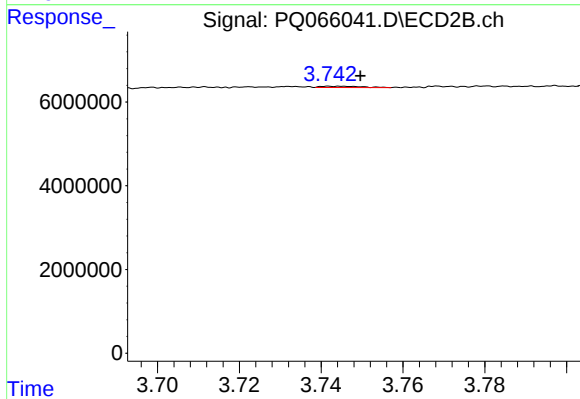
#3 AR-1016-1

R.T.: 3.732 min
Delta R.T.: -0.002 min
Response: 93627
Conc: 0.33 ng/ml



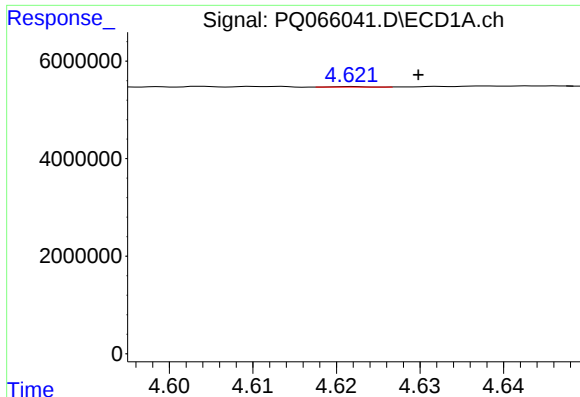
#4 AR-1016-2

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 33780
Conc: 0.15 ng/ml



#4 AR-1016-2

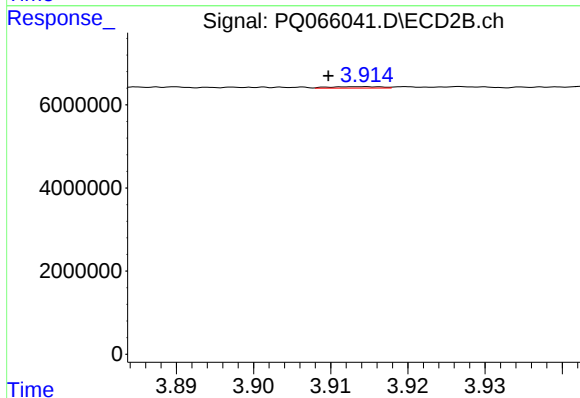
R.T.: 3.742 min
Delta R.T.: -0.008 min
Response: 208001
Conc: 0.51 ng/ml



#5 AR-1016-3

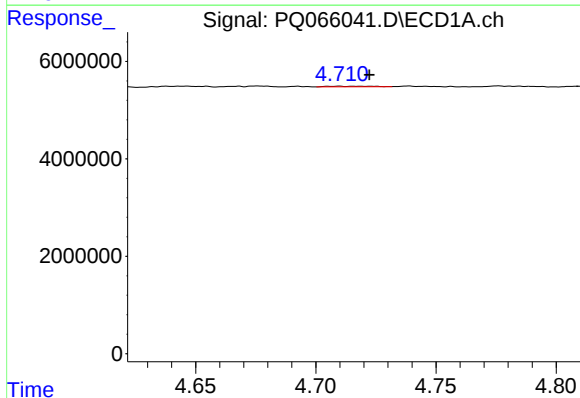
R.T.: 4.622 min
Delta R.T.: -0.008 min
Response: 24325
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



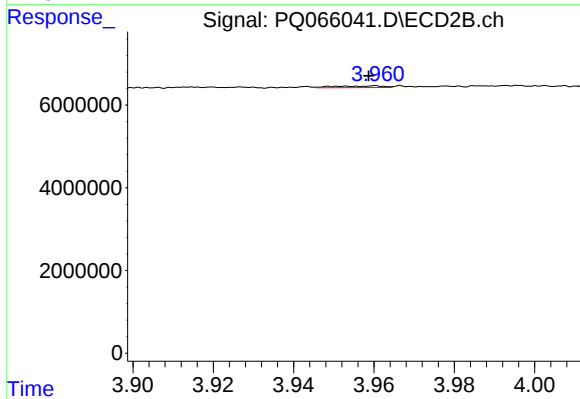
#5 AR-1016-3

R.T.: 3.915 min
Delta R.T.: 0.005 min
Response: 156307
Conc: 0.70 ng/ml



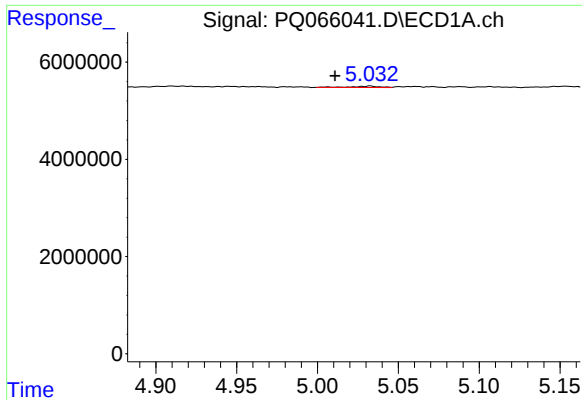
#6 AR-1016-4

R.T.: 4.710 min
Delta R.T.: -0.013 min
Response: 152486
Conc: 1.33 ng/ml



#6 AR-1016-4

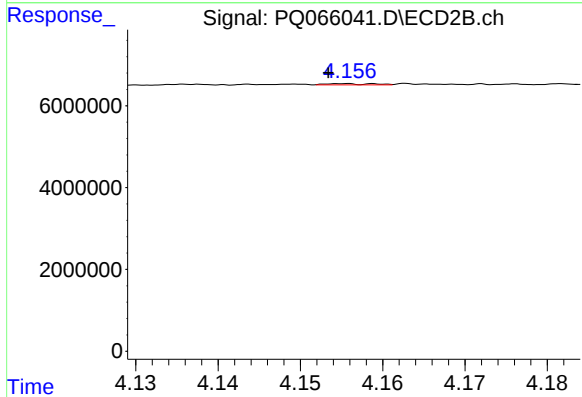
R.T.: 3.960 min
Delta R.T.: 0.002 min
Response: 355931
Conc: 1.86 ng/ml



#7 AR-1016-5

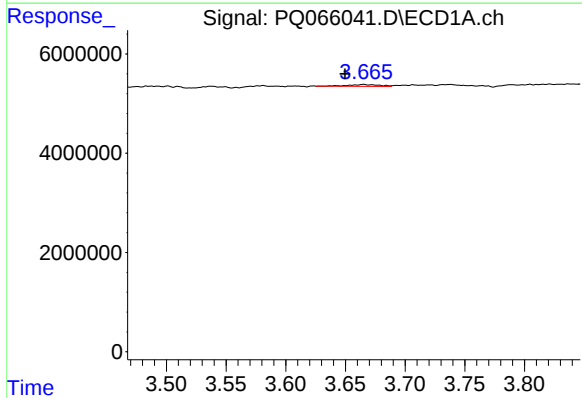
R.T.: 5.033 min
Delta R.T.: 0.022 min
Response: 352694
Conc: 3.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



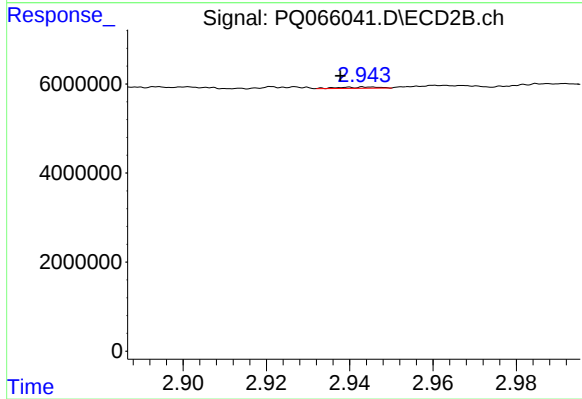
#7 AR-1016-5

R.T.: 4.156 min
Delta R.T.: 0.003 min
Response: 120776
Conc: 0.53 ng/ml



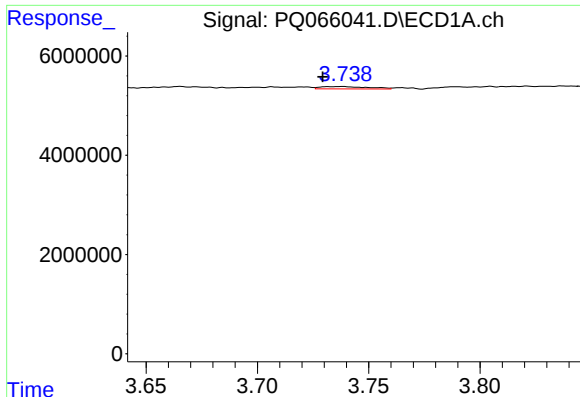
#8 AR-1221-1

R.T.: 3.665 min
Delta R.T.: 0.016 min
Response: 669576
Conc: 13.06 ng/ml



#8 AR-1221-1

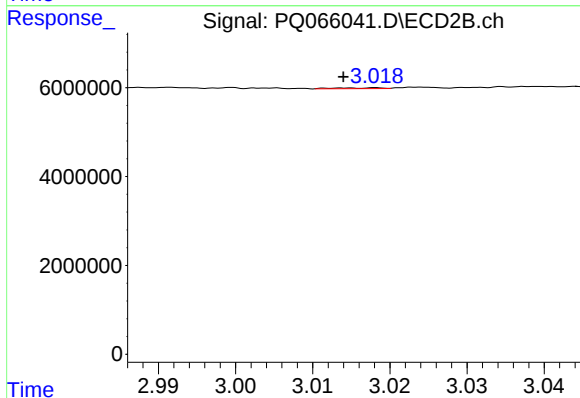
R.T.: 2.940 min
Delta R.T.: 0.002 min
Response: 181490
Conc: 2.16 ng/ml



#9 AR-1221-2

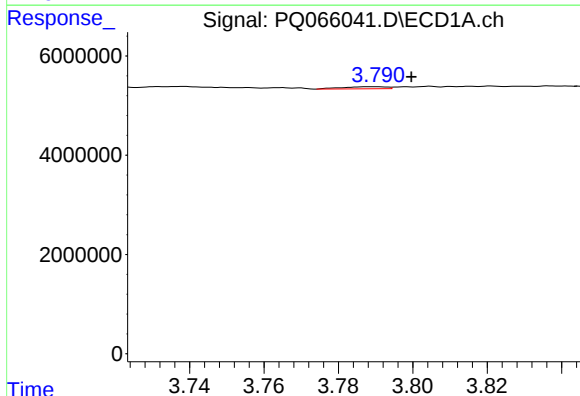
R.T.: 3.738 min
Delta R.T.: 0.009 min
Response: 729125
Conc: 18.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



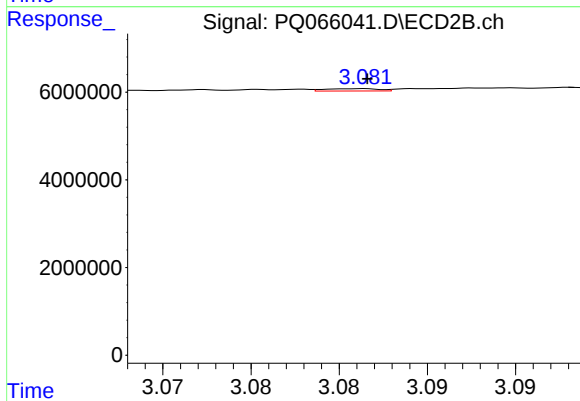
#9 AR-1221-2

R.T.: 3.018 min
Delta R.T.: 0.004 min
Response: 83257
Conc: 1.28 ng/ml



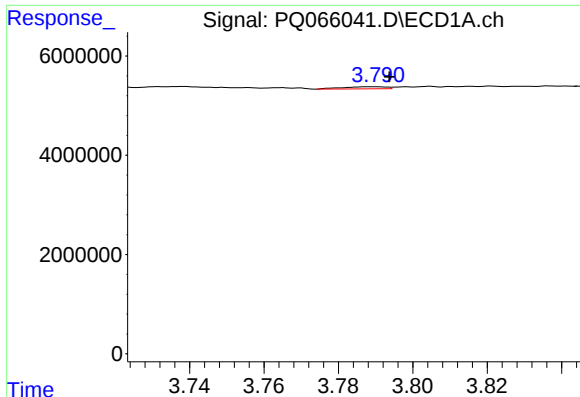
#10 AR-1221-3

R.T.: 3.789 min
Delta R.T.: -0.010 min
Response: 345374
Conc: 2.93 ng/ml



#10 AR-1221-3

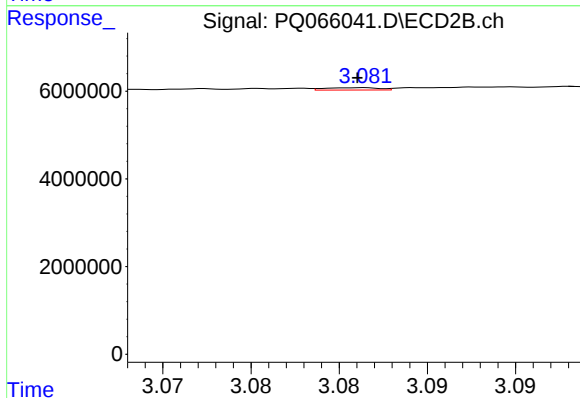
R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 118693
Conc: 0.61 ng/ml



#11 AR-1232-1

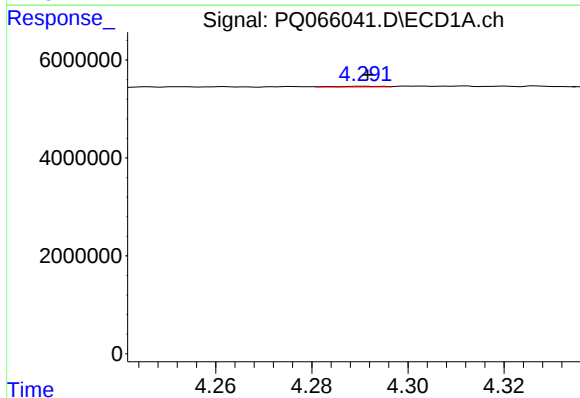
R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 345374
Conc: 3.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



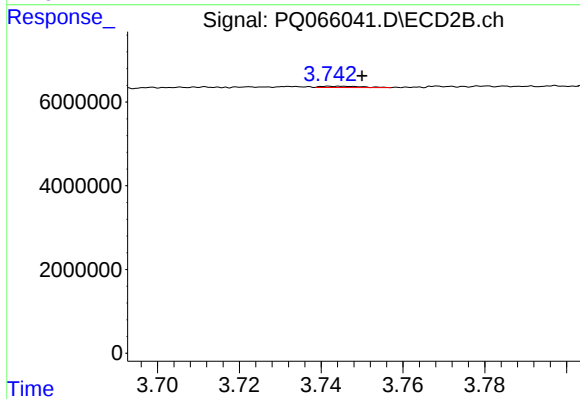
#11 AR-1232-1

R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 118693
Conc: 0.72 ng/ml



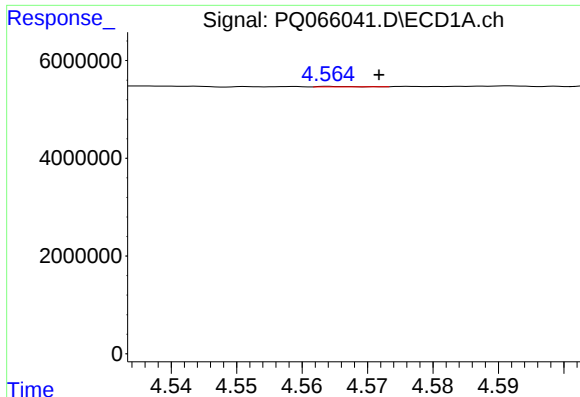
#12 AR-1232-2

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 101195
Conc: 2.01 ng/ml



#12 AR-1232-2

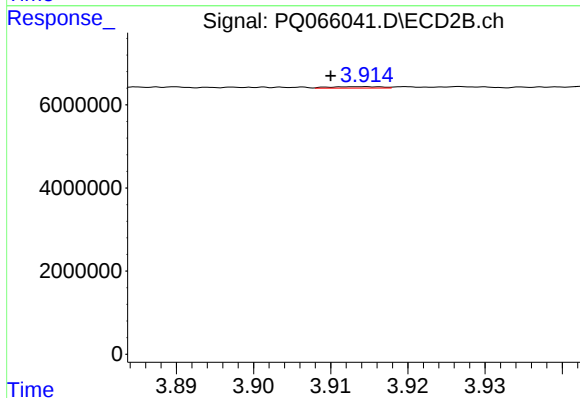
R.T.: 3.742 min
Delta R.T.: -0.008 min
Response: 208001
Conc: 1.20 ng/ml



#13 AR-1232-3

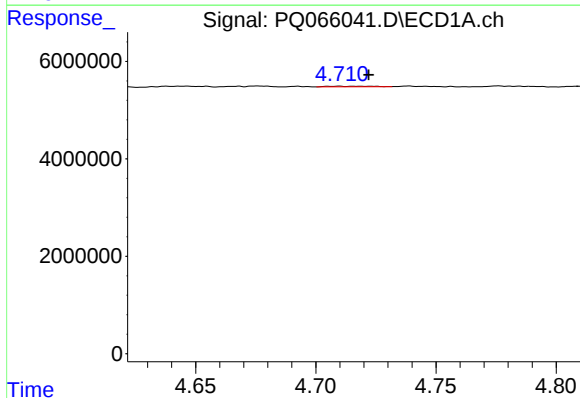
R.T.: 4.565 min
Delta R.T.: -0.007 min
Response: 33780
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



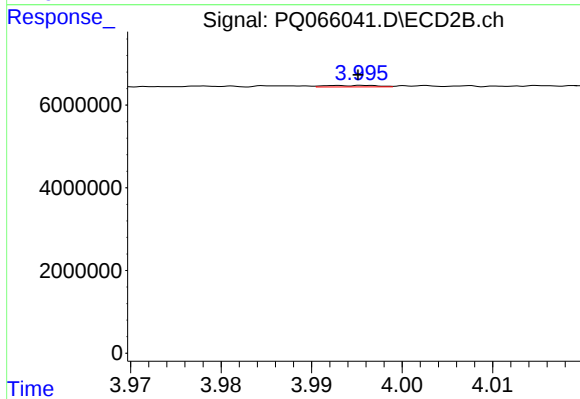
#13 AR-1232-3

R.T.: 3.915 min
Delta R.T.: 0.005 min
Response: 156307
Conc: 1.67 ng/ml



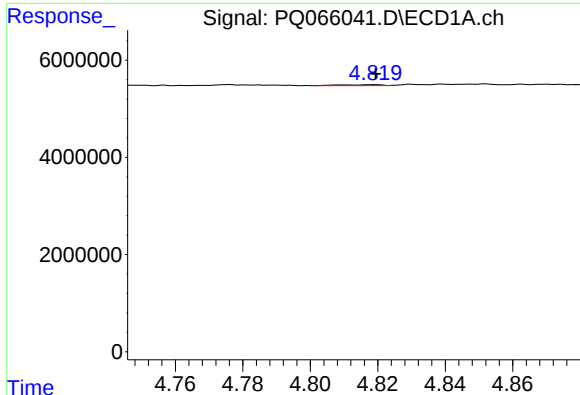
#14 AR-1232-4

R.T.: 4.710 min
Delta R.T.: -0.012 min
Response: 152486
Conc: 3.24 ng/ml



#14 AR-1232-4

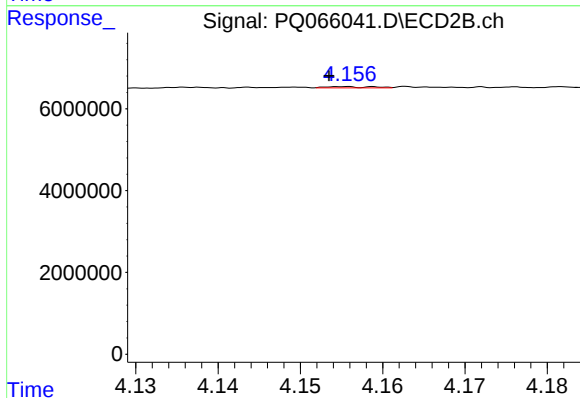
R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 156111
Conc: 1.96 ng/ml



#15 AR-1232-5

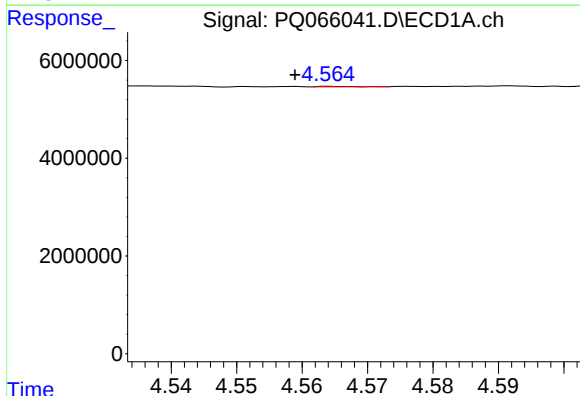
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 176982
Conc: 5.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



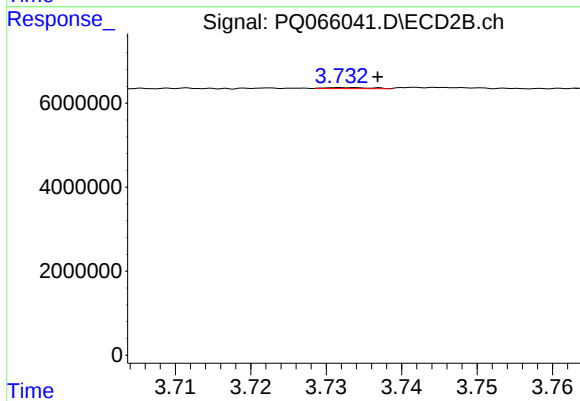
#15 AR-1232-5

R.T.: 4.156 min
Delta R.T.: 0.002 min
Response: 120776
Conc: 1.34 ng/ml



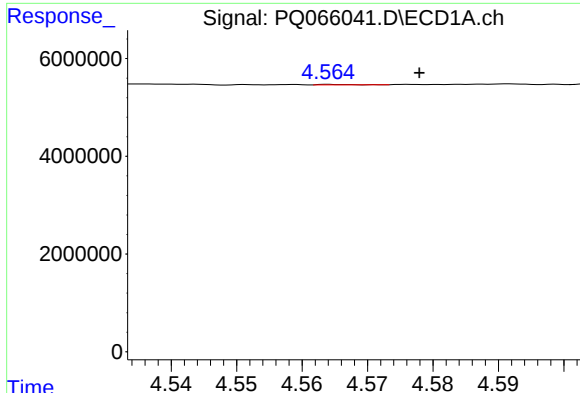
#16 AR-1242-1

R.T.: 4.565 min
Delta R.T.: 0.006 min
Response: 33780
Conc: 0.32 ng/ml



#16 AR-1242-1

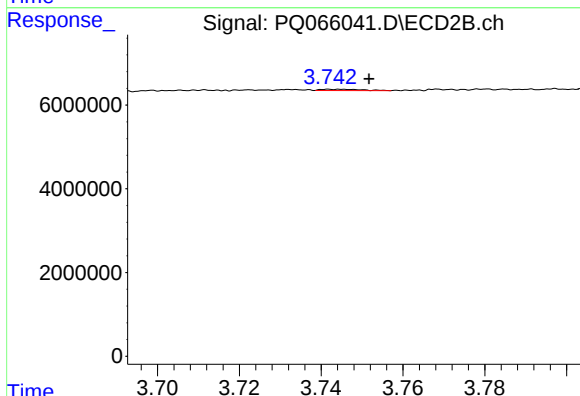
R.T.: 3.732 min
Delta R.T.: -0.005 min
Response: 93627
Conc: 0.47 ng/ml



#17 AR-1242-2

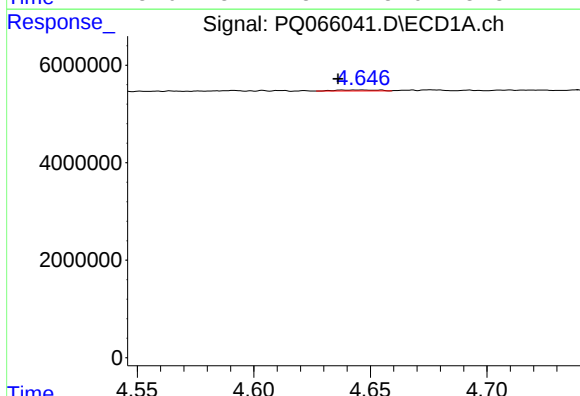
R.T.: 4.565 min
Delta R.T.: -0.013 min
Response: 33780
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



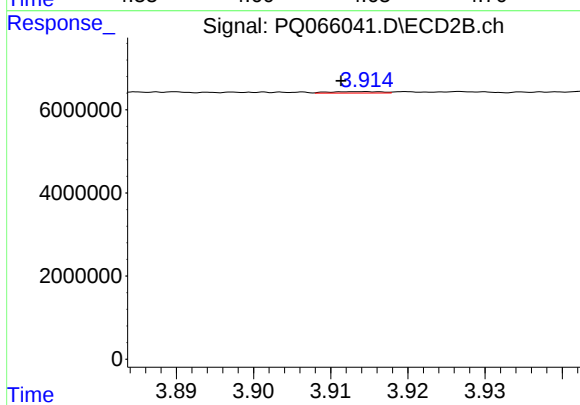
#17 AR-1242-2

R.T.: 3.742 min
Delta R.T.: -0.010 min
Response: 208001
Conc: 0.74 ng/ml



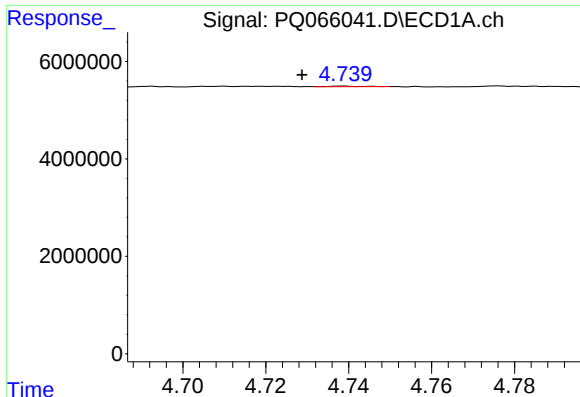
#18 AR-1242-3

R.T.: 4.646 min
Delta R.T.: 0.010 min
Response: 269004
Conc: 2.71 ng/ml



#18 AR-1242-3

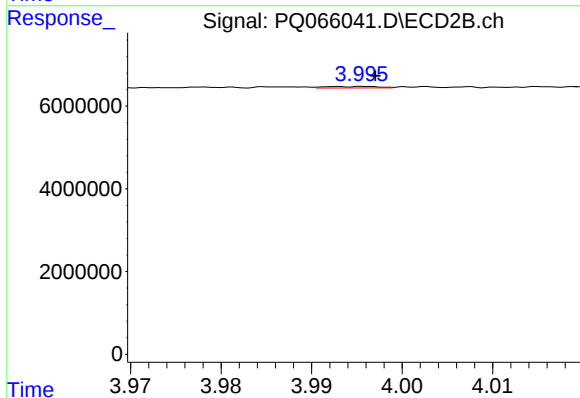
R.T.: 3.915 min
Delta R.T.: 0.003 min
Response: 156307
Conc: 1.01 ng/ml



#19 AR-1242-4

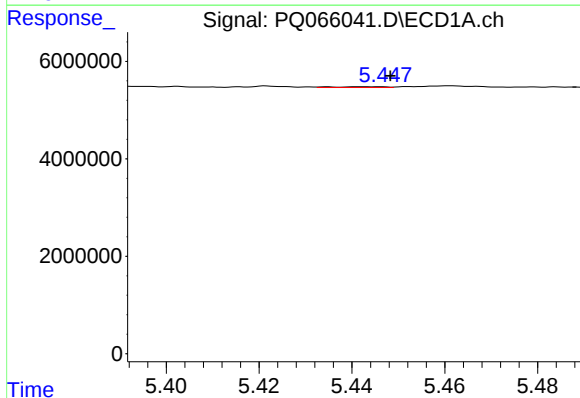
R.T.: 4.738 min
Delta R.T.: 0.010 min
Response: 60642
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



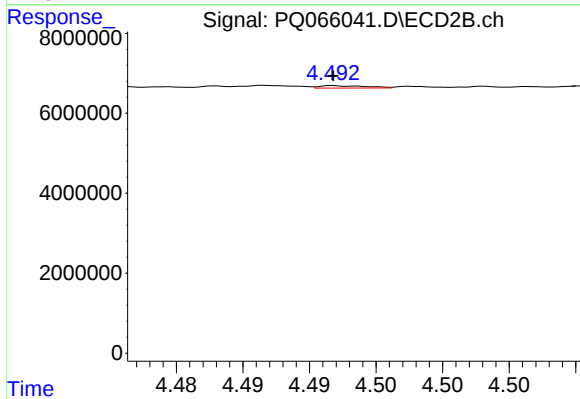
#19 AR-1242-4

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 156111
Conc: 1.05 ng/ml



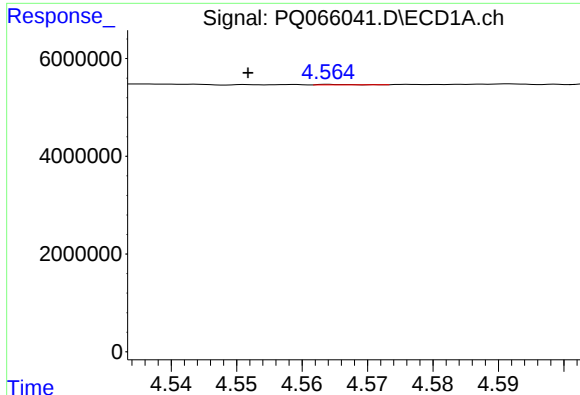
#20 AR-1242-5

R.T.: 5.442 min
Delta R.T.: -0.006 min
Response: 125246
Conc: 1.54 ng/ml



#20 AR-1242-5

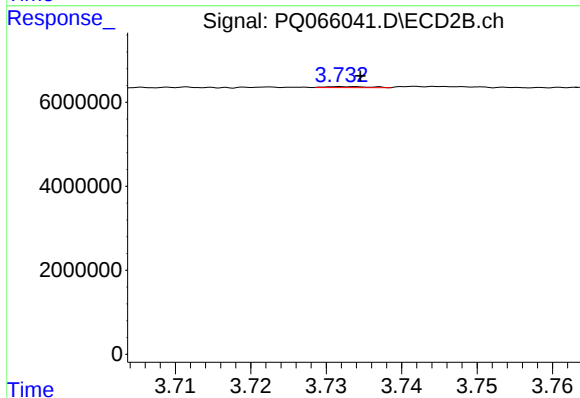
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 149207
Conc: 0.73 ng/ml



#21 AR-1248-1

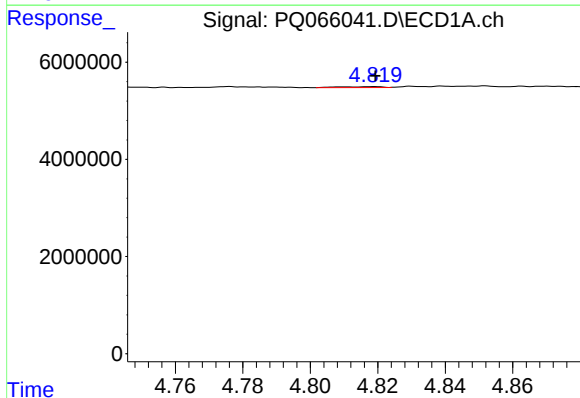
R.T.: 4.565 min
Delta R.T.: 0.013 min
Response: 33780
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



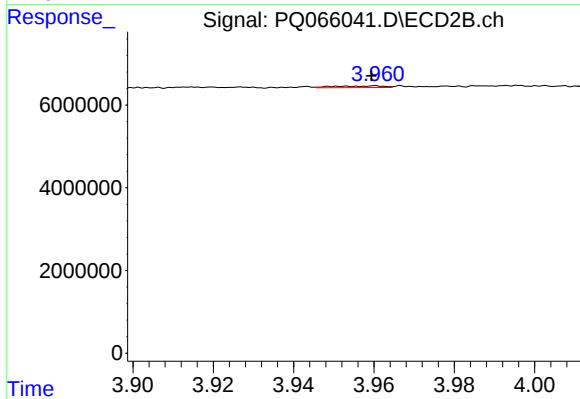
#21 AR-1248-1

R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 93627
Conc: 0.61 ng/ml



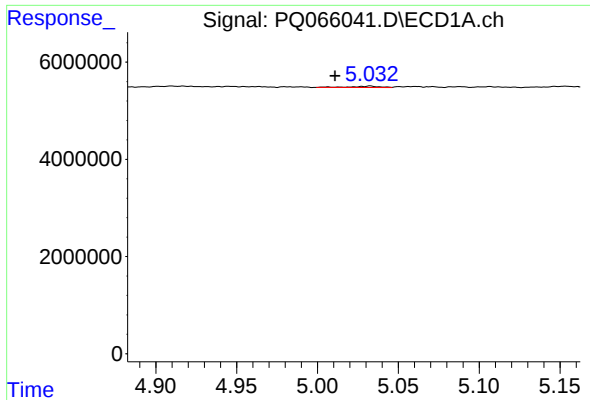
#22 AR-1248-2

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 176982
Conc: 1.58 ng/ml



#22 AR-1248-2

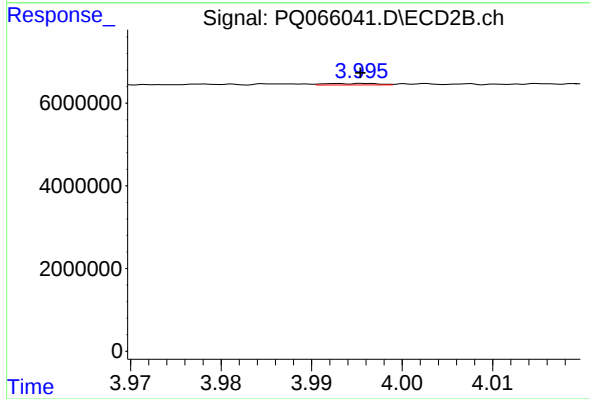
R.T.: 3.960 min
Delta R.T.: 0.001 min
Response: 355931
Conc: 1.55 ng/ml



#23 AR-1248-3

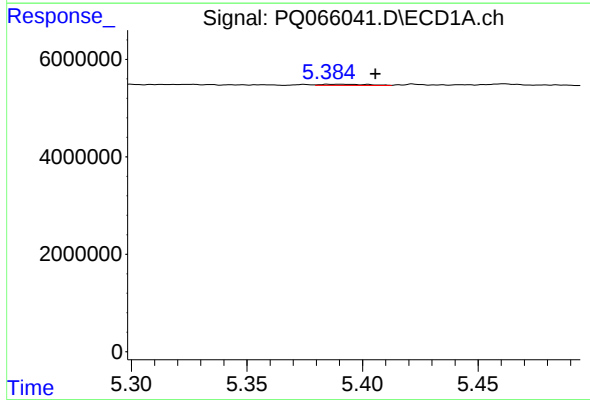
R.T.: 5.033 min
Delta R.T.: 0.022 min
Response: 352694
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



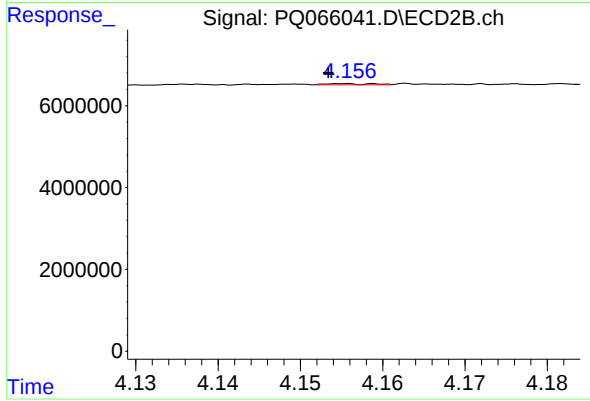
#23 AR-1248-3

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 156111
Conc: 0.71 ng/ml



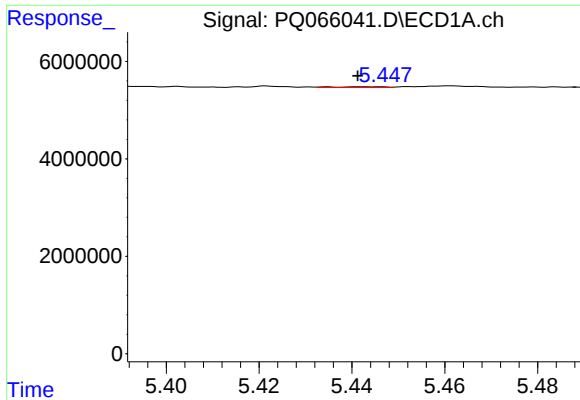
#24 AR-1248-4

R.T.: 5.390 min
Delta R.T.: -0.015 min
Response: 337886
Conc: 2.37 ng/ml



#24 AR-1248-4

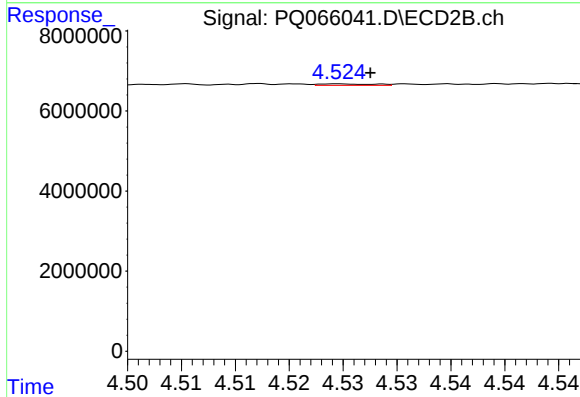
R.T.: 4.156 min
Delta R.T.: 0.003 min
Response: 120776
Conc: 0.45 ng/ml



#25 AR-1248-5

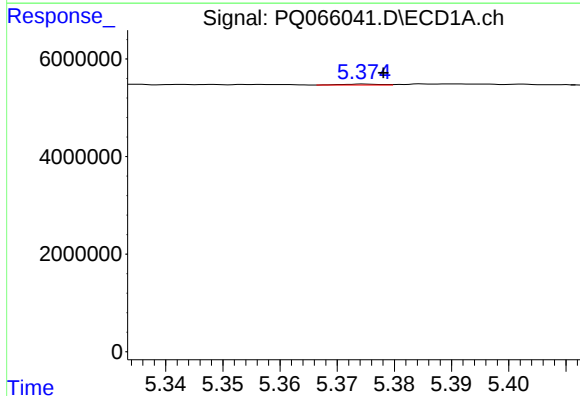
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 125246
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



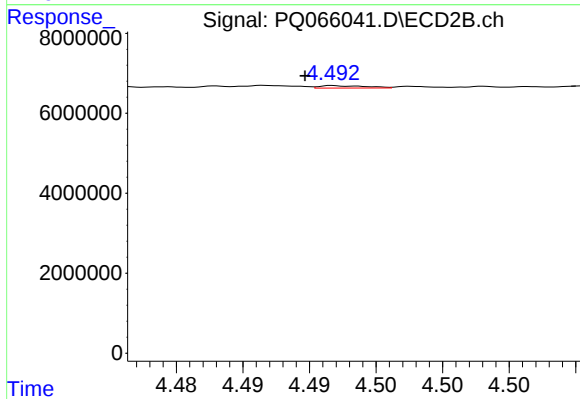
#25 AR-1248-5

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 127371
Conc: 0.47 ng/ml



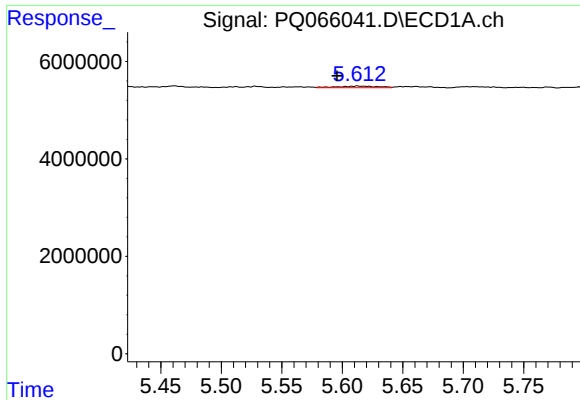
#26 AR-1254-1

R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 98019
Conc: 0.65 ng/ml



#26 AR-1254-1

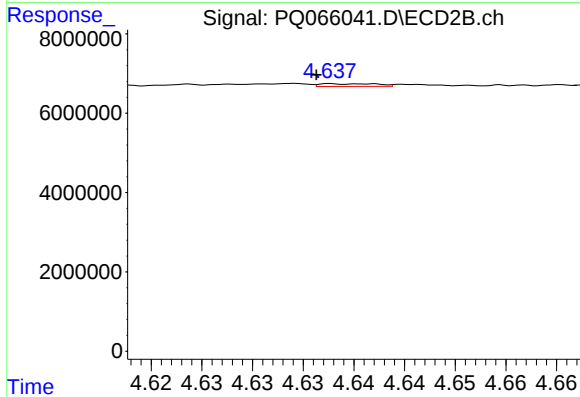
R.T.: 4.492 min
Delta R.T.: 0.002 min
Response: 149207
Conc: 0.37 ng/ml



#27 AR-1254-2

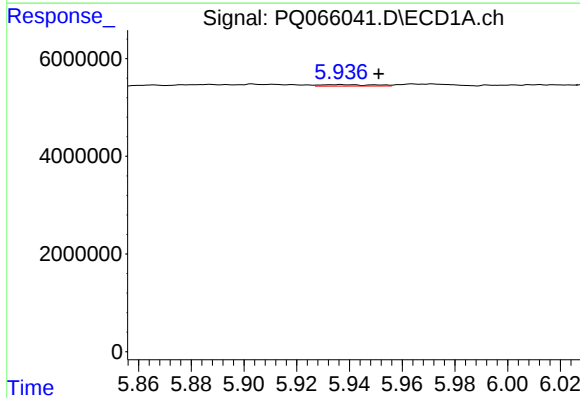
R.T.: 5.613 min
Delta R.T.: 0.017 min
Response: 764551
Conc: 3.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



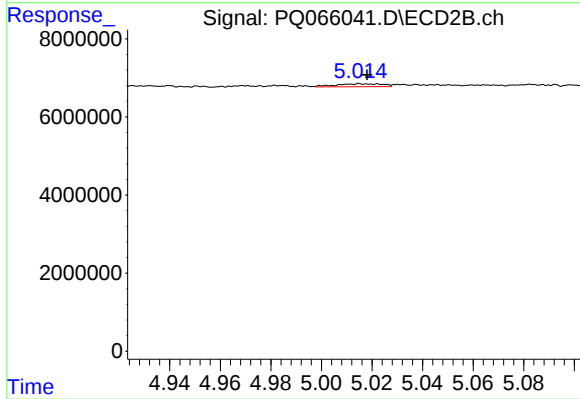
#27 AR-1254-2

R.T.: 4.638 min
Delta R.T.: 0.002 min
Response: 271229
Conc: 0.74 ng/ml



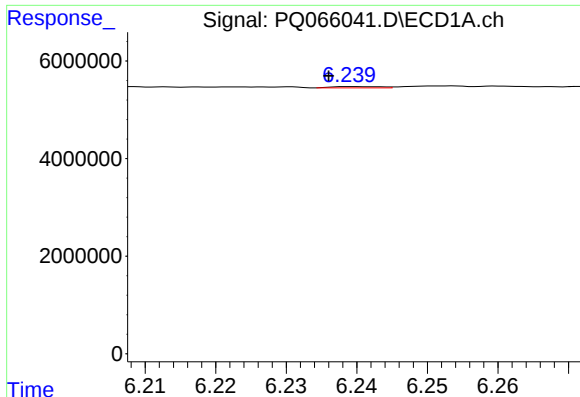
#28 AR-1254-3

R.T.: 5.937 min
Delta R.T.: -0.015 min
Response: 402327
Conc: 1.70 ng/ml



#28 AR-1254-3

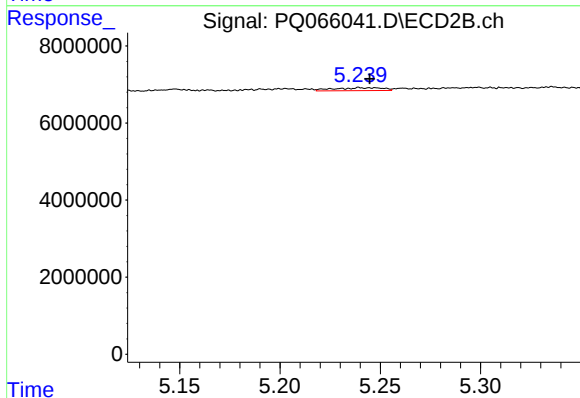
R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 952407
Conc: 1.64 ng/ml



#29 AR-1254-4

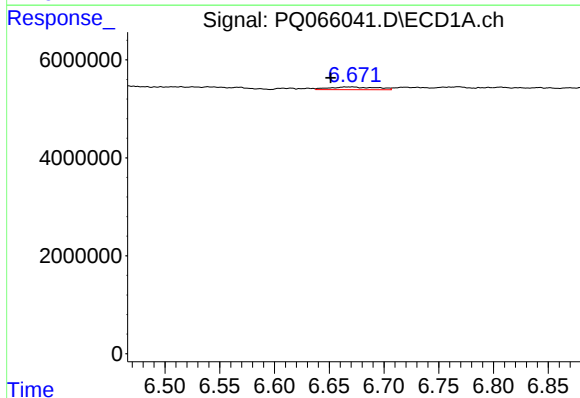
R.T.: 6.240 min
Delta R.T.: 0.004 min
Response: 131643
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



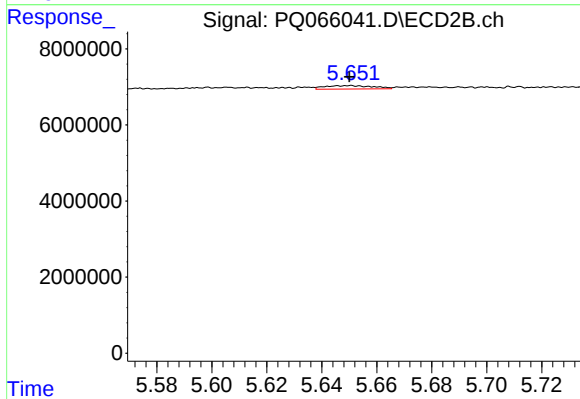
#29 AR-1254-4

R.T.: 5.239 min
Delta R.T.: -0.005 min
Response: 1258895
Conc: 3.23 ng/ml



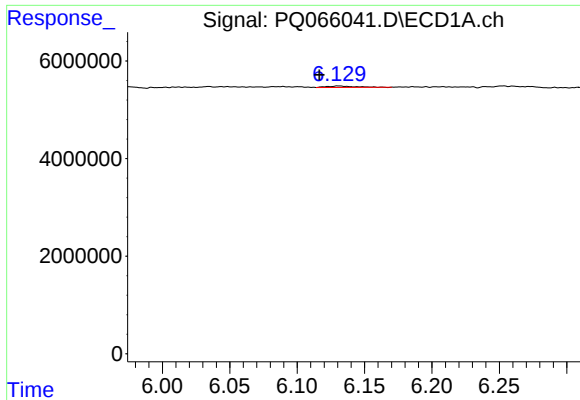
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.020 min
Response: 1625722
Conc: 8.43 ng/ml



#30 AR-1254-5

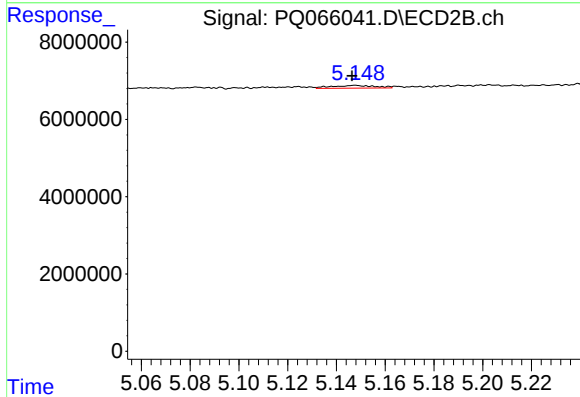
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 1109025
Conc: 1.94 ng/ml



#31 AR-1260-1

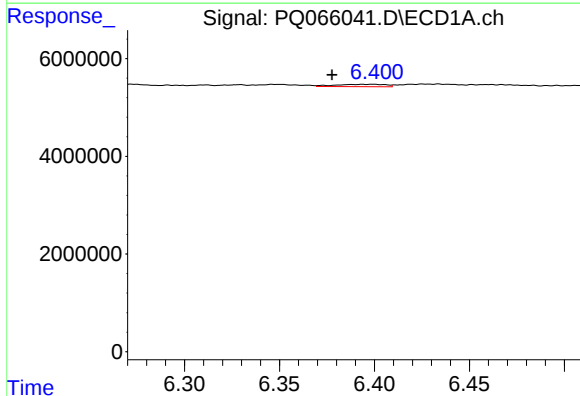
R.T.: 6.131 min
Delta R.T.: 0.014 min
Response: 366255
Conc: 1.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



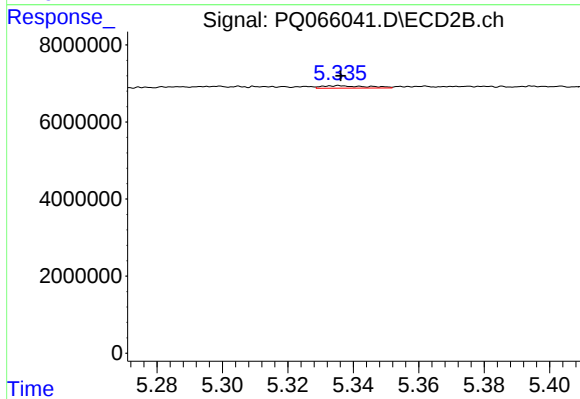
#31 AR-1260-1

R.T.: 5.148 min
Delta R.T.: 0.001 min
Response: 894995
Conc: 1.88 ng/ml



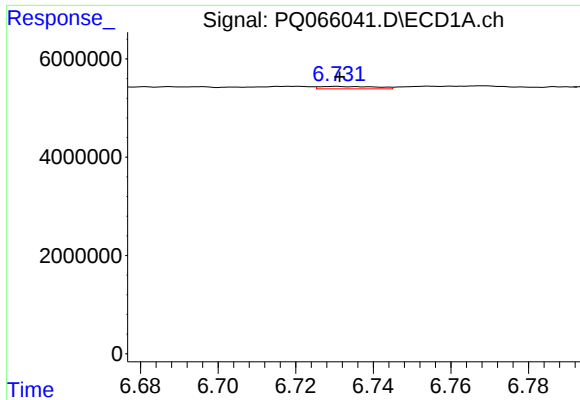
#32 AR-1260-2

R.T.: 6.399 min
Delta R.T.: 0.022 min
Response: 896163
Conc: 3.60 ng/ml



#32 AR-1260-2

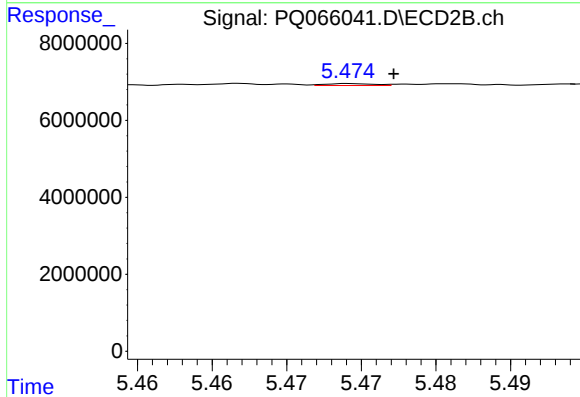
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 613591
Conc: 1.11 ng/ml



#33 AR-1260-3

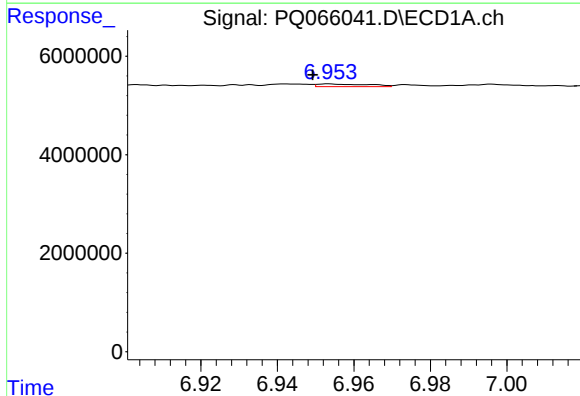
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 499982
Conc: 3.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



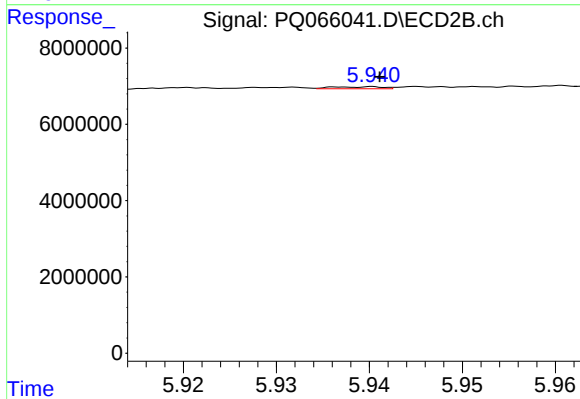
#33 AR-1260-3

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 113732
Conc: 0.22 ng/ml



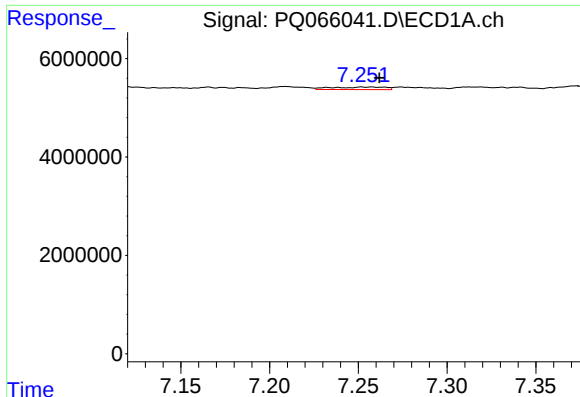
#34 AR-1260-4

R.T.: 6.953 min
Delta R.T.: 0.004 min
Response: 509230
Conc: 2.72 ng/ml



#34 AR-1260-4

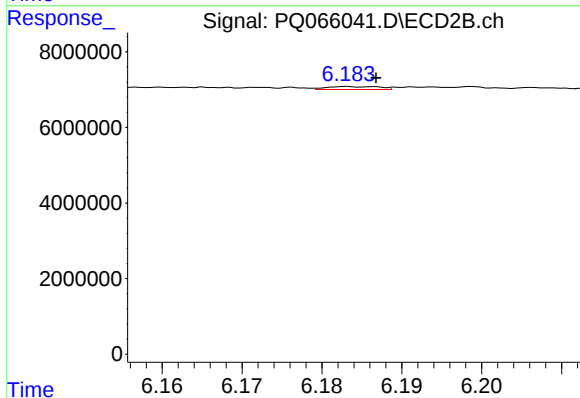
R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 201030
Conc: 0.63 ng/ml



#35 AR-1260-5

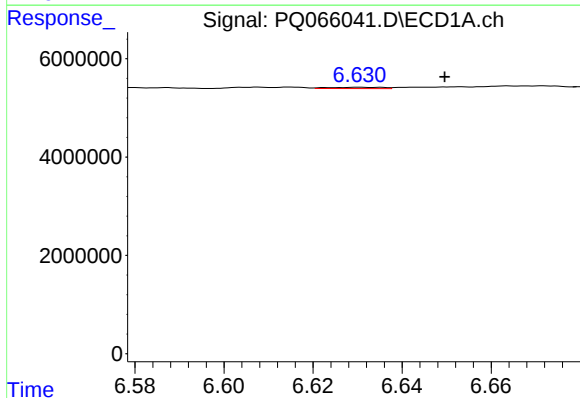
R.T.: 7.252 min
Delta R.T.: -0.010 min
Response: 1076091
Conc: 3.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



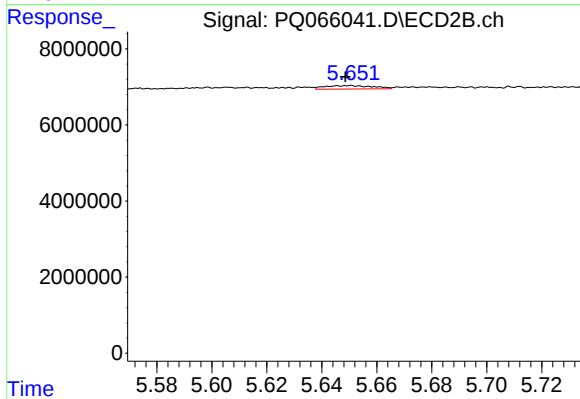
#35 AR-1260-5

R.T.: 6.183 min
Delta R.T.: -0.003 min
Response: 359397
Conc: 0.40 ng/ml



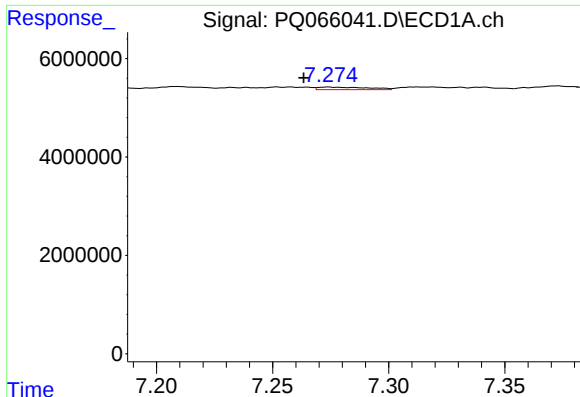
#36 AR-1262-1

R.T.: 6.631 min
Delta R.T.: -0.019 min
Response: 215351
Conc: 1.52 ng/ml



#36 AR-1262-1

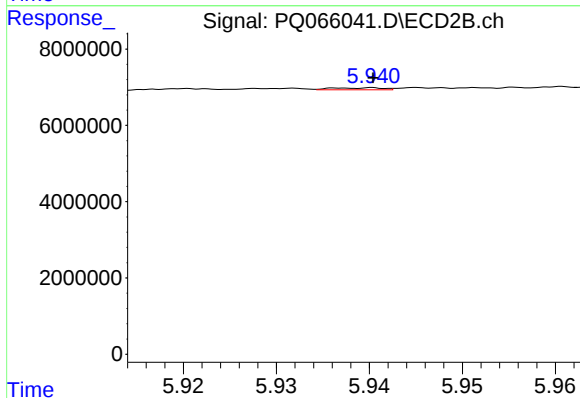
R.T.: 5.651 min
Delta R.T.: 0.002 min
Response: 1109025
Conc: 4.04 ng/ml



#37 AR-1262-2

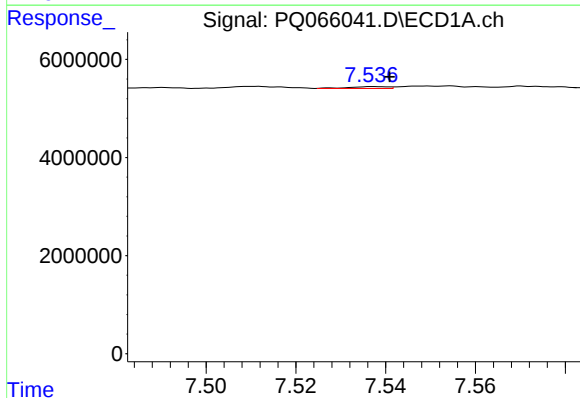
R.T.: 7.274 min
Delta R.T.: 0.011 min
Response: 762863
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



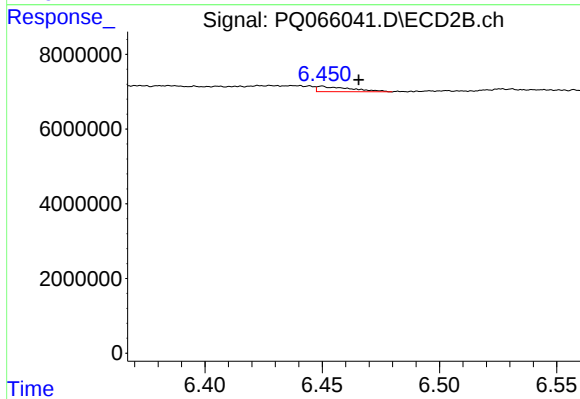
#37 AR-1262-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 201030
Conc: 0.39 ng/ml



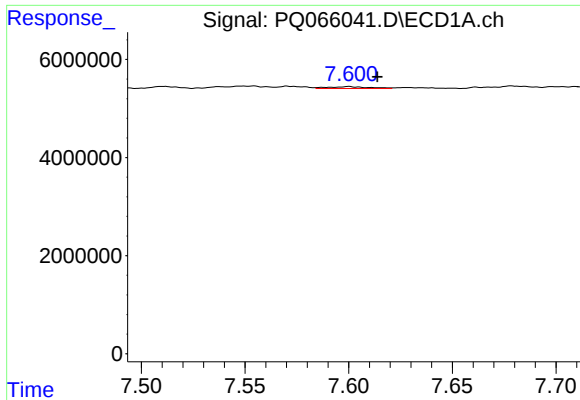
#38 AR-1262-3

R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 223628
Conc: 0.87 ng/ml



#38 AR-1262-3

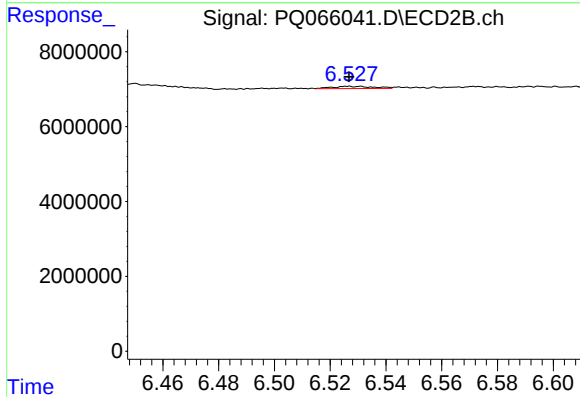
R.T.: 6.450 min
Delta R.T.: -0.016 min
Response: 1441358
Conc: 3.33 ng/ml



#39 AR-1262-4

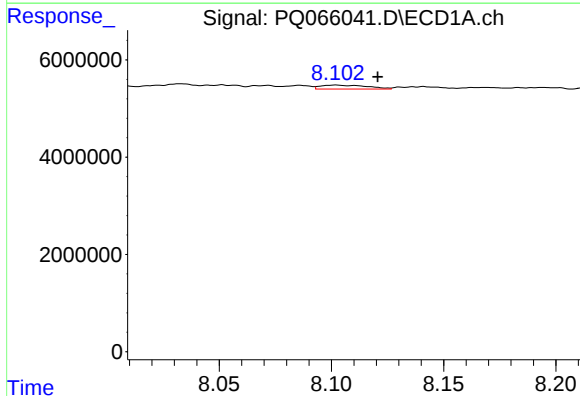
R.T.: 7.600 min
Delta R.T.: -0.014 min
Response: 522597
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



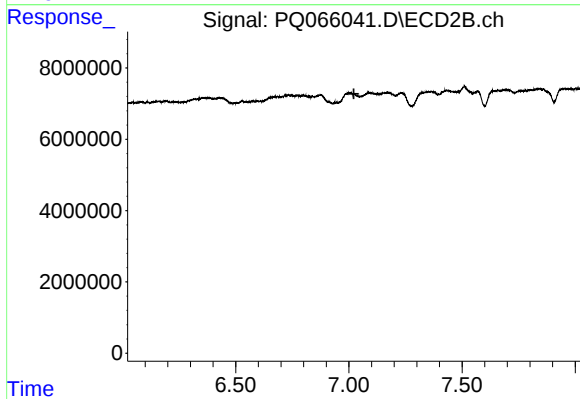
#39 AR-1262-4

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 623151
Conc: 0.84 ng/ml



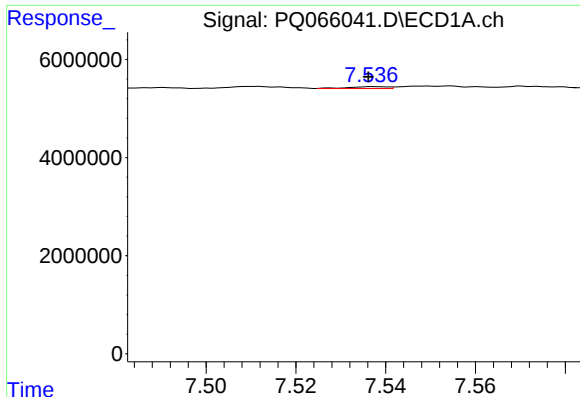
#40 AR-1262-5

R.T.: 8.102 min
Delta R.T.: -0.019 min
Response: 1193411
Conc: 9.62 ng/ml



#40 AR-1262-5

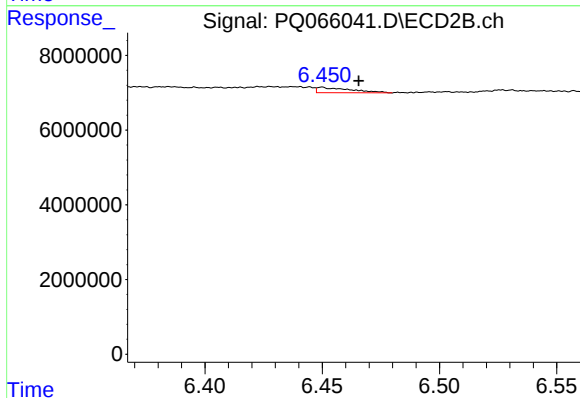
R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.



#41 AR-1268-1

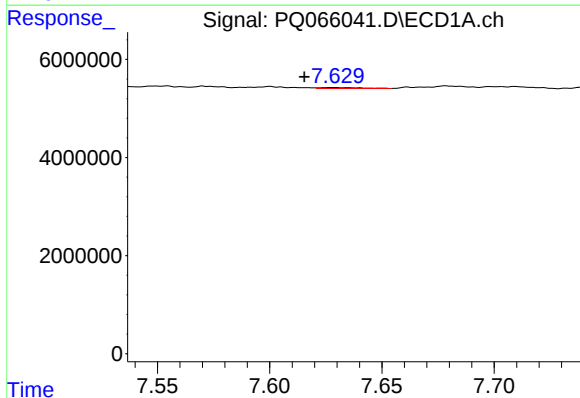
R.T.: 7.538 min
Delta R.T.: 0.002 min
Response: 223628
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



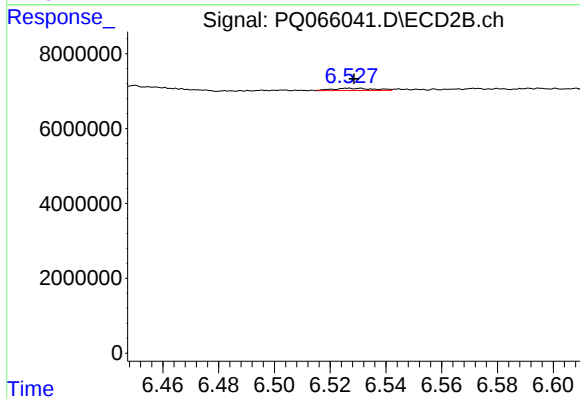
#41 AR-1268-1

R.T.: 6.450 min
Delta R.T.: -0.015 min
Response: 1441358
Conc: 1.16 ng/ml



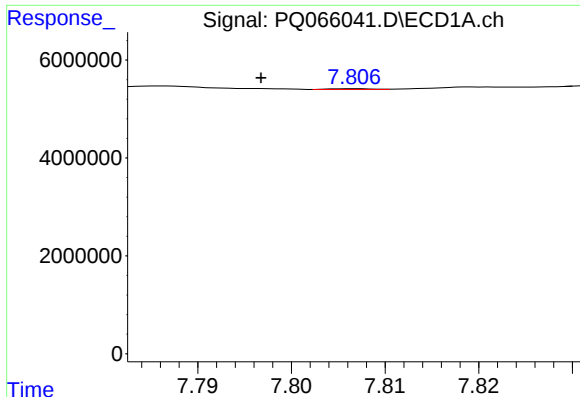
#42 AR-1268-2

R.T.: 7.628 min
Delta R.T.: 0.013 min
Response: 238472
Conc: 0.57 ng/ml



#42 AR-1268-2

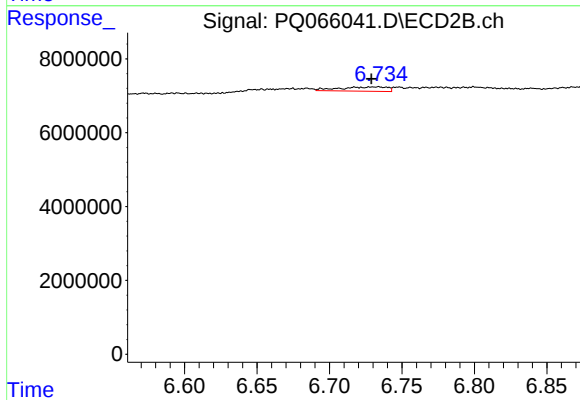
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 623151
Conc: 0.55 ng/ml



#43 AR-1268-3

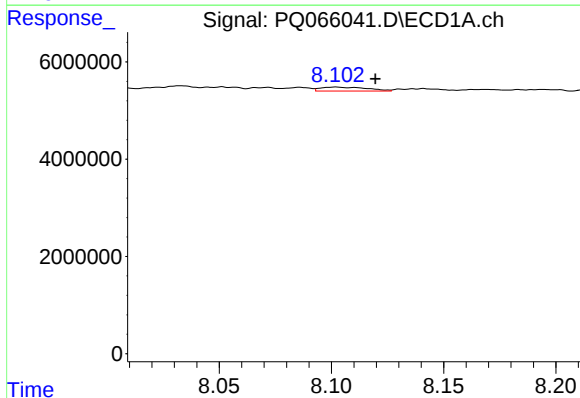
R.T.: 7.807 min
Delta R.T.: 0.010 min
Response: 51077
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



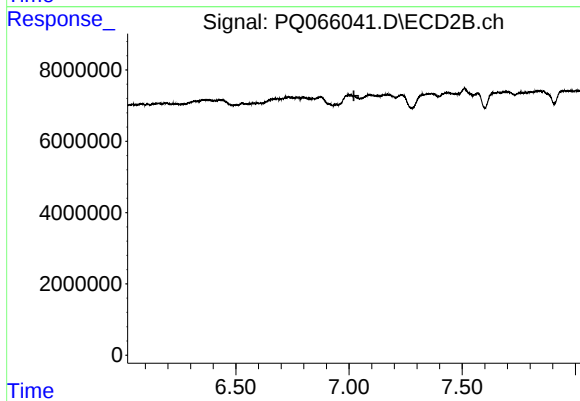
#43 AR-1268-3

R.T.: 6.734 min
Delta R.T.: 0.005 min
Response: 2662568
Conc: 2.73 ng/ml



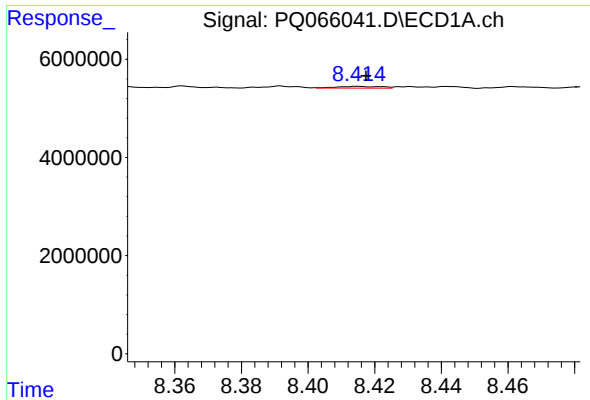
#44 AR-1268-4

R.T.: 8.102 min
Delta R.T.: -0.017 min
Response: 1193411
Conc: 7.98 ng/ml



#44 AR-1268-4

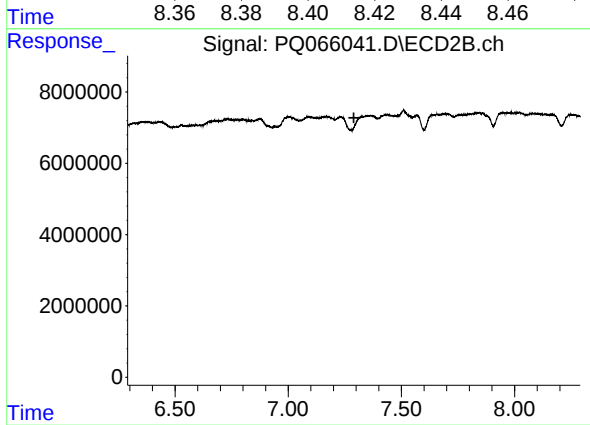
R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 329532
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.290 min
Response: 0
Conc: N.D.