

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090325\
 Data File : PQ070778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 09:13
 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 04 06:13:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 29 19:58:06 2025
 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...	3.419	0.000	210231	0	0.045	N.D. #
2)	SA Decachlor...	8.513	0.000	19143	0	0.007	N.D. #
Target Compounds							
3)	L1 AR-1016-1	4.487	0.000	169439	0	1.314	N.D. #
4)	L1 AR-1016-2	4.506	0.000	198879	0	0.938	N.D. #
5)	L1 AR-1016-3	4.559	0.000	221592	0	1.666	N.D. #
6)	L1 AR-1016-4	4.651	0.000	227357	0	2.075	N.D. #
7)	L1 AR-1016-5	4.945	0.000	158618	0	1.488	N.D. #
9)	L2 AR-1221-2	3.689	0.000	138301	0	3.577	N.D. #
10)	L2 AR-1221-3	3.753	0.000	65907	0	0.469	N.D. #
11)	L3 AR-1232-1	3.753	0.000	65907	0	0.587	N.D. #
12)	L3 AR-1232-2	4.208	0.000	464695	0	7.097	N.D. #
13)	L3 AR-1232-3	4.506	0.000	198879	0	1.770	N.D. #
14)	L3 AR-1232-4	4.651	4.082f	227357	234700	3.835	3.126
15)	L3 AR-1232-5	4.753	0.000	284767	0	7.420	N.D. #
16)	L4 AR-1242-1	4.487	0.000	169439	0	1.313	N.D. #
17)	L4 AR-1242-2	4.506	0.000	198879	0	0.933	N.D. #
18)	L4 AR-1242-3	4.559	0.000	221592	0	1.664	N.D. #
19)	L4 AR-1242-4	4.651	4.082f	227357	234700	2.064	1.784
20)	L4 AR-1242-5	5.346	4.553	513012	1784232	5.789	10.123 #
21)	L5 AR-1248-1	4.487	0.000	169439	0	1.755	N.D. #
22)	L5 AR-1248-2	4.753	0.000	284767	0	1.873	N.D. #
23)	L5 AR-1248-3	4.945	4.082f	158618	234700	0.879	1.209 #
24)	L5 AR-1248-4	5.325	0.000	567624	0	2.994	N.D. #
25)	L5 AR-1248-5	5.346	4.553	513012	1784232	2.742	7.659 #
26)	L6 AR-1254-1	5.292	4.553	2735405	1784232	13.850	5.142 #
27)	L6 AR-1254-2	5.499	4.649	673851	108435	2.181	0.353 #
28)	L6 AR-1254-3	5.857	5.067	554023	664050	1.663	1.402
29)	L6 AR-1254-4	6.158	5.333f	1783316	2028563	7.524	6.985
30)	L6 AR-1254-5	6.501f	0.000	284323	0	1.035	N.D. #
31)	L7 AR-1260-1	6.018	0.000	839111	0	4.141	N.D. #
32)	L7 AR-1260-2	6.263	5.333f	999399	2028563	3.965	6.178 #
33)	L7 AR-1260-3	6.673f	0.000	498118	0	2.711	N.D. #
34)	L7 AR-1260-4	6.828	5.970	290997	249661	1.371	0.907 #
35)	L7 AR-1260-5	7.124	0.000	184016	0	0.438	N.D. #
36)	L8 AR-1262-1	6.828	0.000	290997	0	0.880	N.D. #
37)	L8 AR-1262-2	7.124	5.970	184016	249661	0.328	0.557 #
38)	L8 AR-1262-3	7.416	6.454f	145251	252248	0.398	0.702 #
39)	L8 AR-1262-4	7.506	0.000	124158	0	0.437	N.D. #
40)	L8 AR-1262-5	7.984	0.000	21874	0	0.120	N.D. #
41)	L9 AR-1268-1	7.416	6.454f	145251	252248	0.231	0.255
42)	L9 AR-1268-2	7.506	0.000	124158	0	0.215	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090325\
Data File : PQ070778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Sep 2025 09:13
Operator : YP\AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

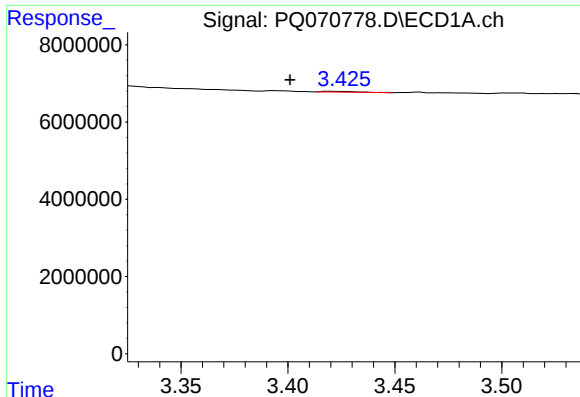
Instrument :
ECD_Q
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 06:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 29 19:58:06 2025
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	
43)	L9 AR-1268-3	7.683	0.000	91894	0	0.194	N.D.	#
44)	L9 AR-1268-4	7.995	0.000	23956	0	0.118	N.D.	#
45)	L9 AR-1268-5	8.277	0.000	174061	0	0.119	N.D.	#

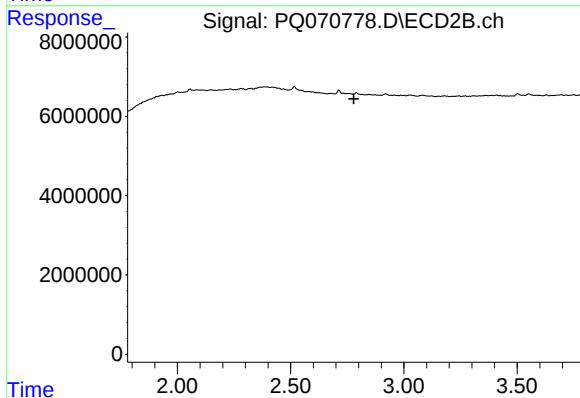
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

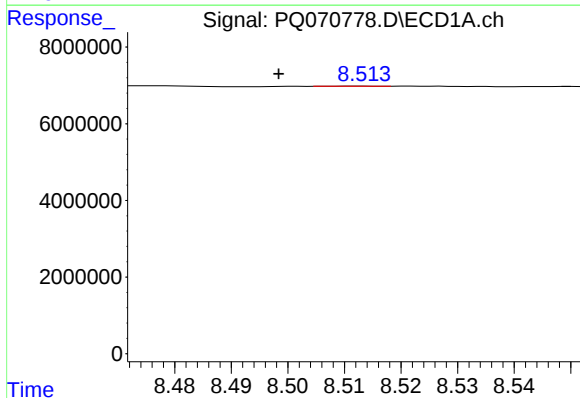
R.T.: 3.419 min
Delta R.T.: 0.018 min
Response: 210231
Conc: 0.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



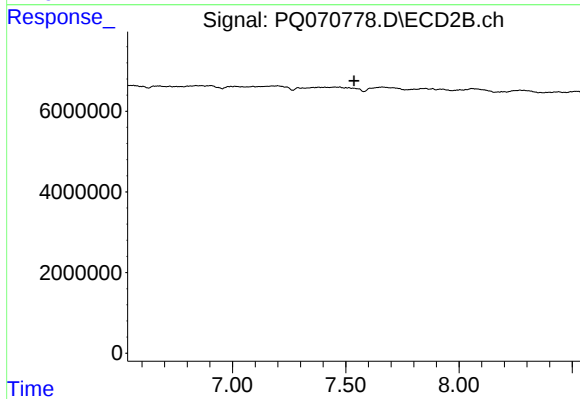
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.779 min
Response: 0
Conc: N.D.



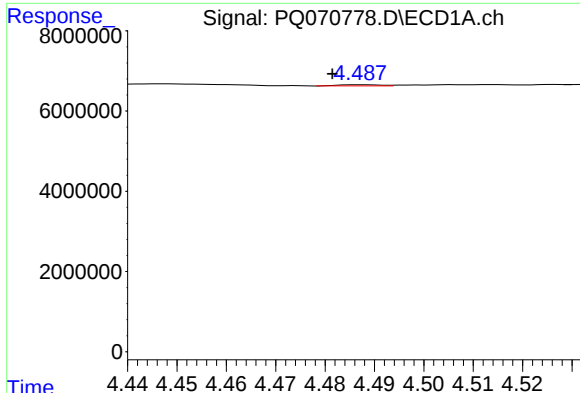
#2 Decachlorobiphenyl

R.T.: 8.513 min
Delta R.T.: 0.015 min
Response: 19143
Conc: 0.01 ng/ml



#2 Decachlorobiphenyl

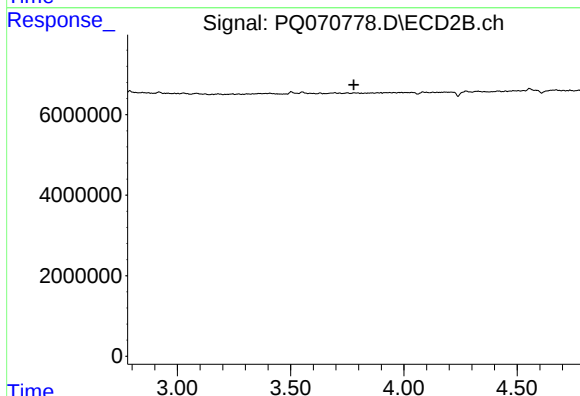
R.T.: 0.000 min
Exp R.T. : 7.536 min
Response: 0
Conc: N.D.



#3 AR-1016-1

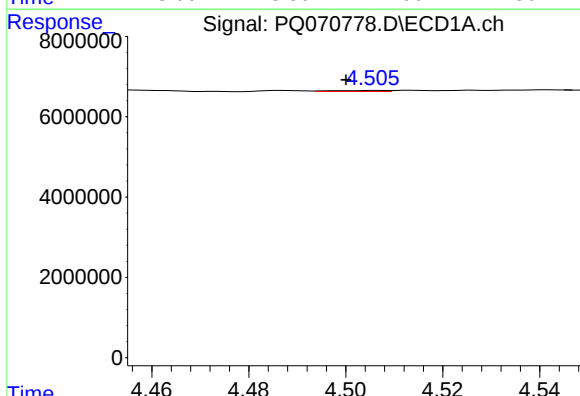
R.T.: 4.487 min
Delta R.T.: 0.006 min
Response: 169439
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



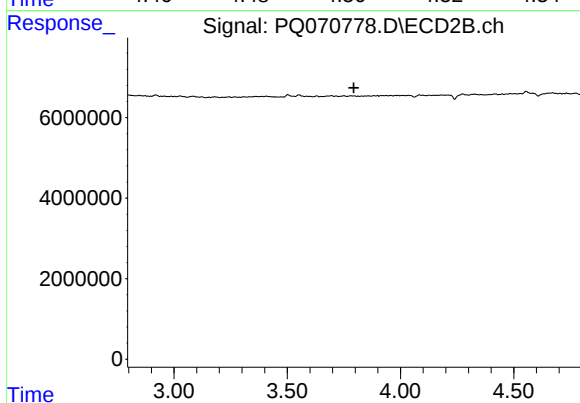
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.779 min
Response: 0
Conc: N.D.



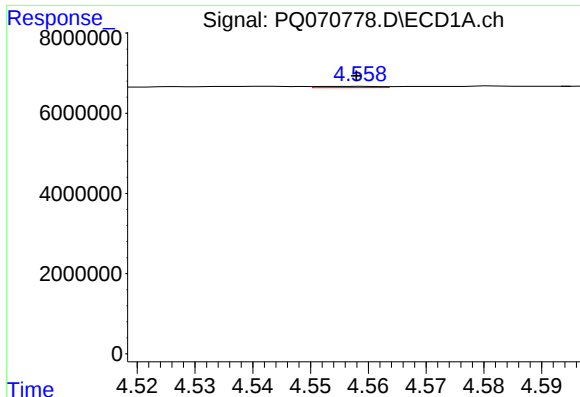
#4 AR-1016-2

R.T.: 4.506 min
Delta R.T.: 0.006 min
Response: 198879
Conc: 0.94 ng/ml



#4 AR-1016-2

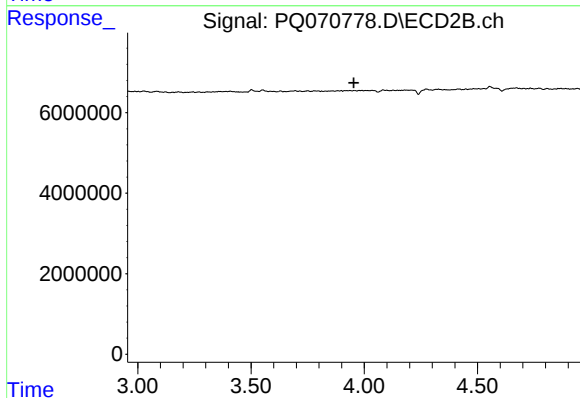
R.T.: 0.000 min
Exp R.T. : 3.794 min
Response: 0
Conc: N.D.



#5 AR-1016-3

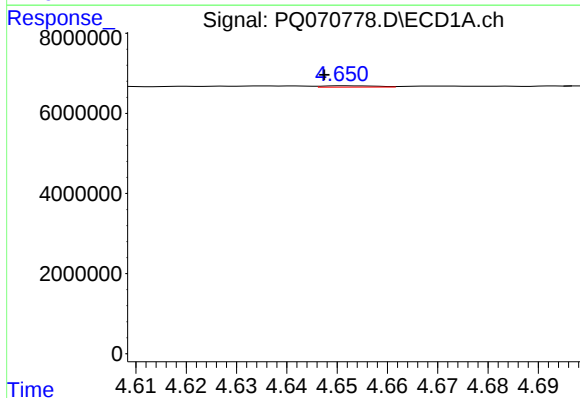
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 221592
Conc: 1.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



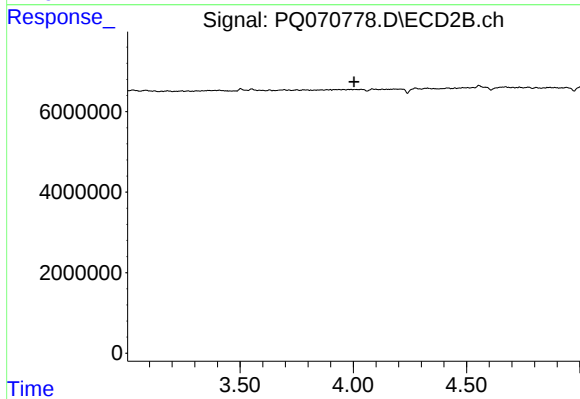
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



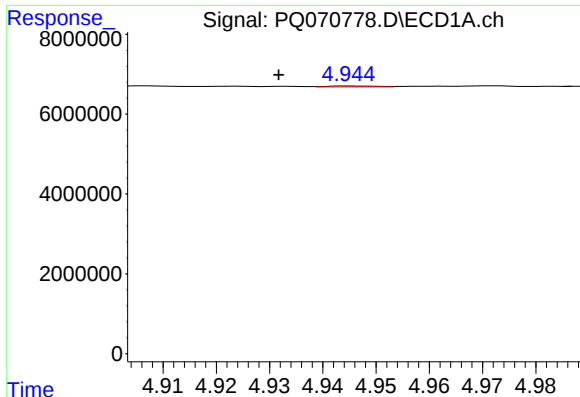
#6 AR-1016-4

R.T.: 4.651 min
Delta R.T.: 0.004 min
Response: 227357
Conc: 2.08 ng/ml



#6 AR-1016-4

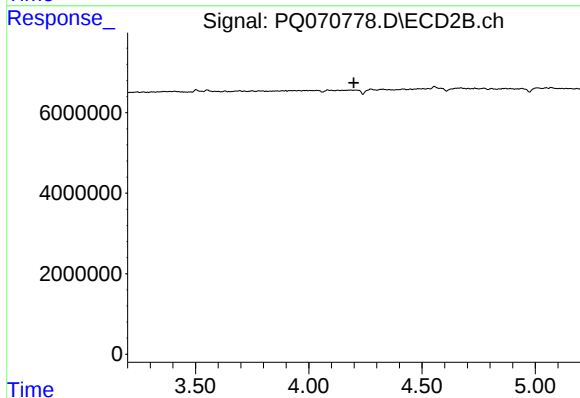
R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



#7 AR-1016-5

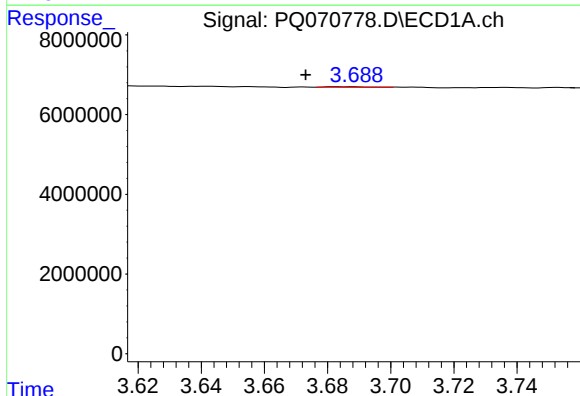
R.T.: 4.945 min
Delta R.T.: 0.013 min
Response: 158618
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



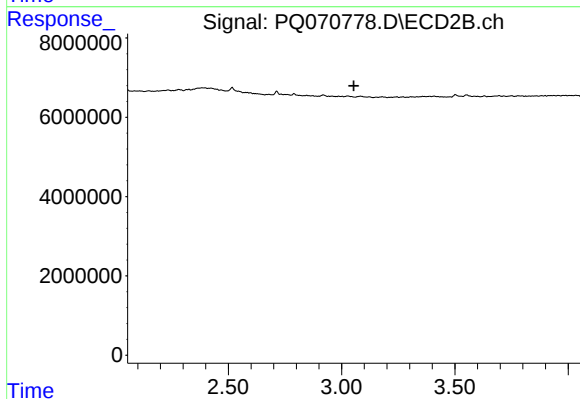
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.198 min
Response: 0
Conc: N.D.



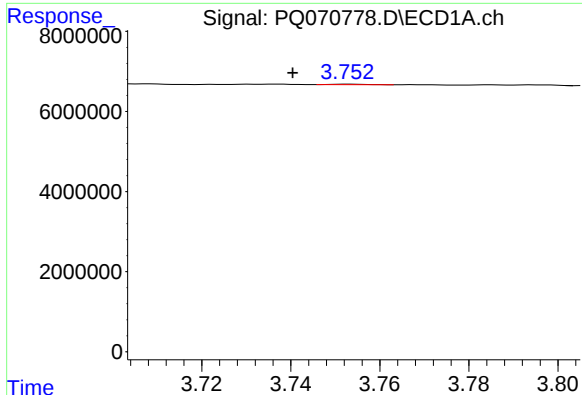
#9 AR-1221-2

R.T.: 3.689 min
Delta R.T.: 0.016 min
Response: 138301
Conc: 3.58 ng/ml



#9 AR-1221-2

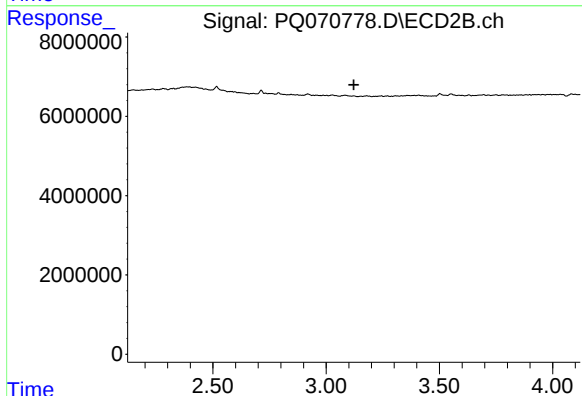
R.T.: 0.000 min
Exp R.T. : 3.055 min
Response: 0
Conc: N.D.



#10 AR-1221-3

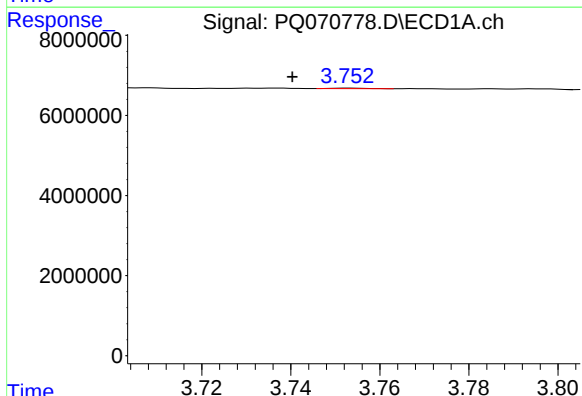
R.T.: 3.753 min
Delta R.T.: 0.012 min
Response: 65907
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



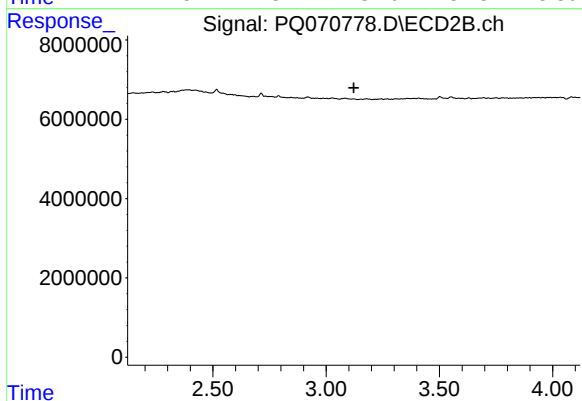
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.123 min
Response: 0
Conc: N.D.



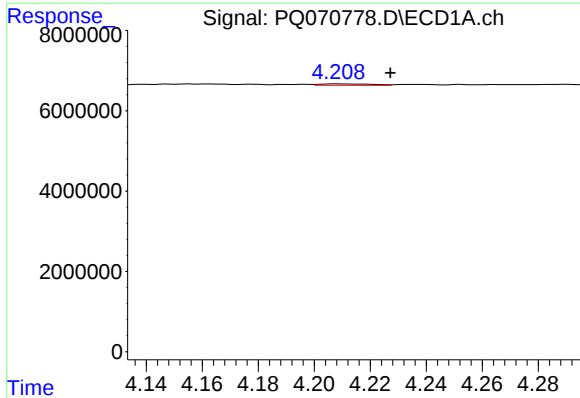
#11 AR-1232-1

R.T.: 3.753 min
Delta R.T.: 0.012 min
Response: 65907
Conc: 0.59 ng/ml



#11 AR-1232-1

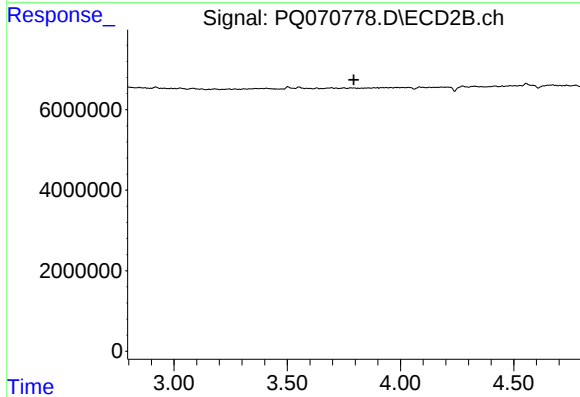
R.T.: 0.000 min
Exp R.T. : 3.122 min
Response: 0
Conc: N.D.



#12 AR-1232-2

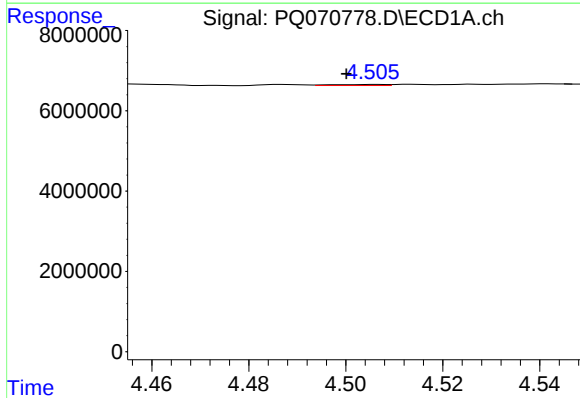
R.T.: 4.208 min
Delta R.T.: -0.019 min
Response: 464695
Conc: 7.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



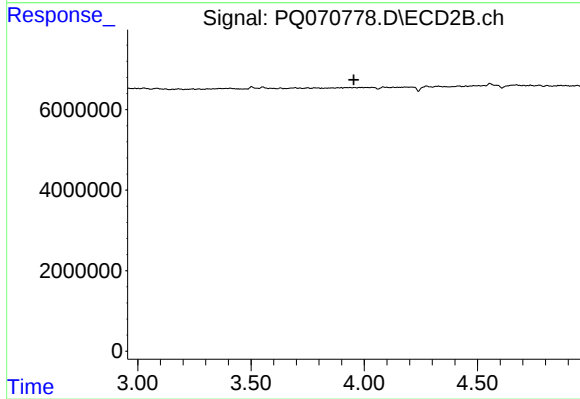
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 3.794 min
Response: 0
Conc: N.D.



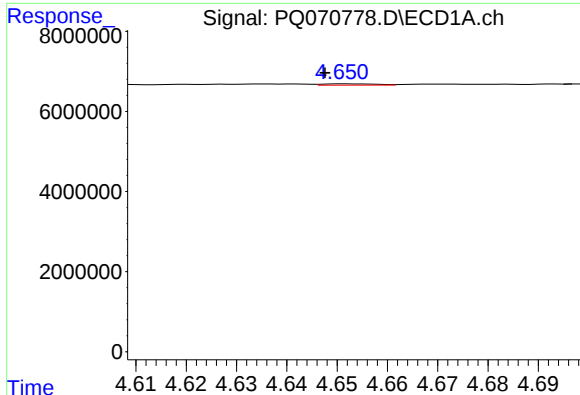
#13 AR-1232-3

R.T.: 4.506 min
Delta R.T.: 0.006 min
Response: 198879
Conc: 1.77 ng/ml



#13 AR-1232-3

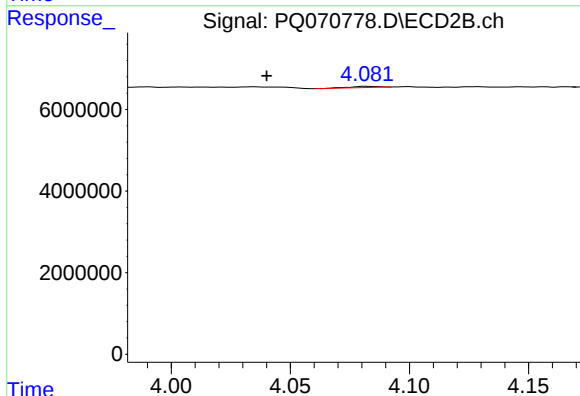
R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



#14 AR-1232-4

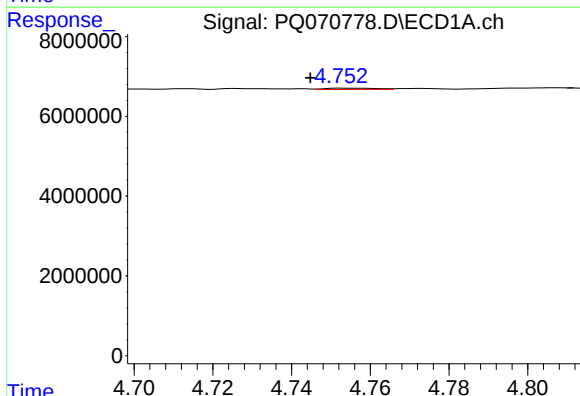
R.T.: 4.651 min
Delta R.T.: 0.004 min
Response: 227357
Conc: 3.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



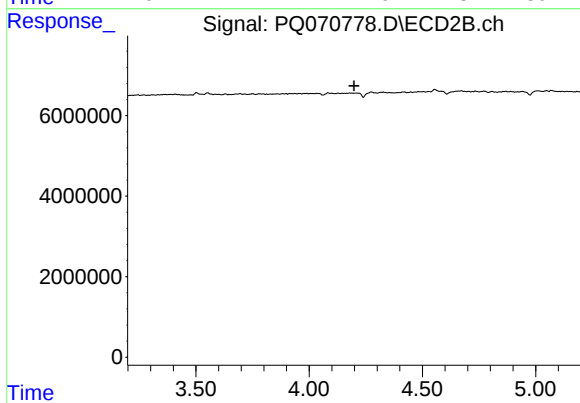
#14 AR-1232-4

R.T.: 4.082 min
Delta R.T.: 0.042 min
Response: 234700
Conc: 3.13 ng/ml



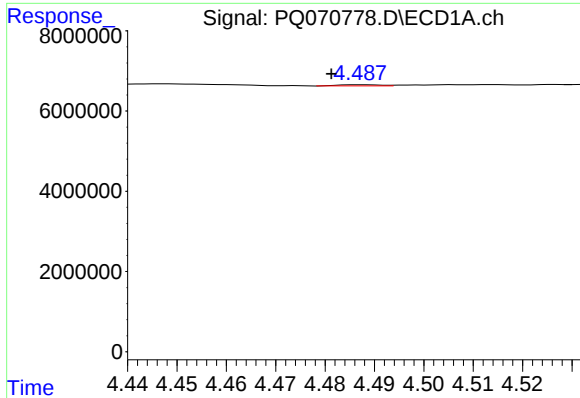
#15 AR-1232-5

R.T.: 4.753 min
Delta R.T.: 0.008 min
Response: 284767
Conc: 7.42 ng/ml



#15 AR-1232-5

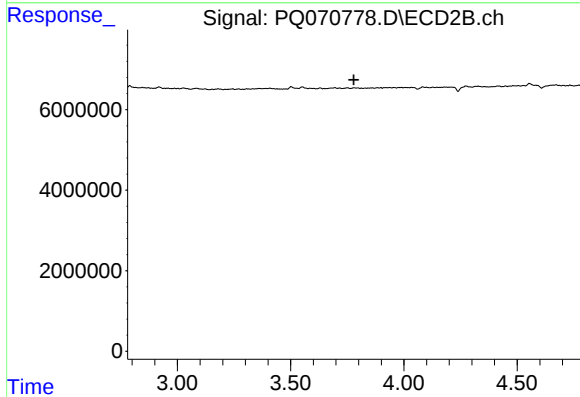
R.T.: 0.000 min
Exp R.T.: 4.198 min
Response: 0
Conc: N.D.



#16 AR-1242-1

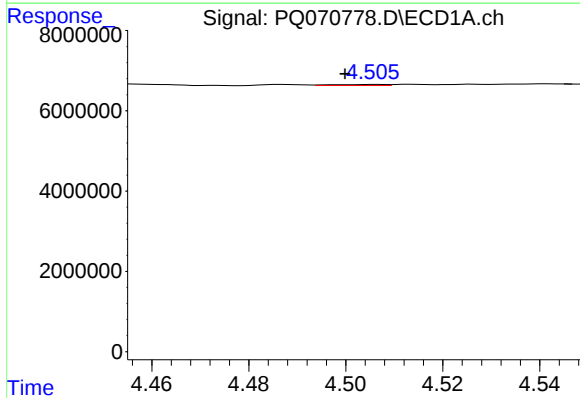
R.T.: 4.487 min
Delta R.T.: 0.006 min
Response: 169439
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



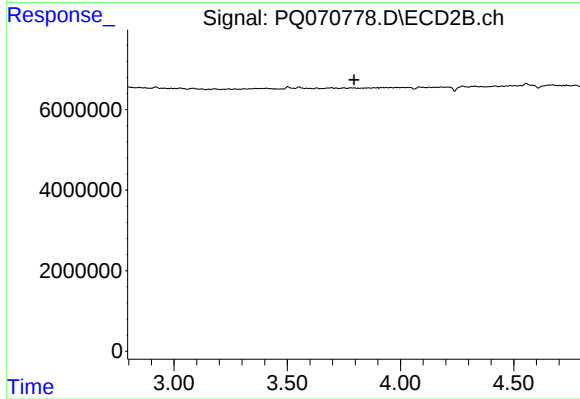
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 3.779 min
Response: 0
Conc: N.D.



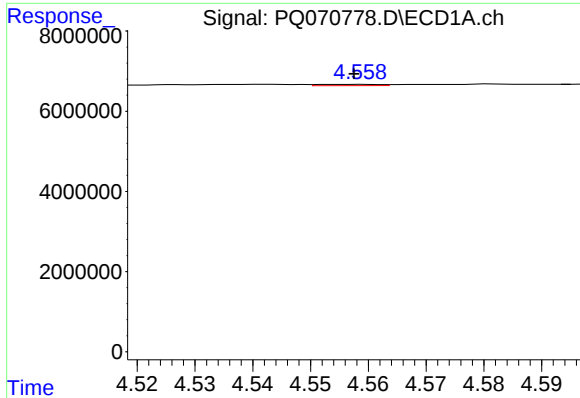
#17 AR-1242-2

R.T.: 4.506 min
Delta R.T.: 0.006 min
Response: 198879
Conc: 0.93 ng/ml



#17 AR-1242-2

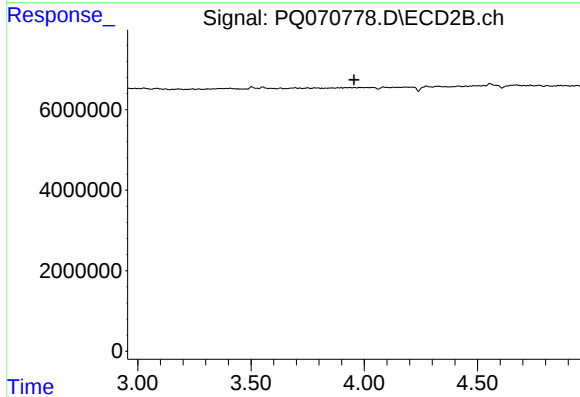
R.T.: 0.000 min
Exp R.T. : 3.795 min
Response: 0
Conc: N.D.



#18 AR-1242-3

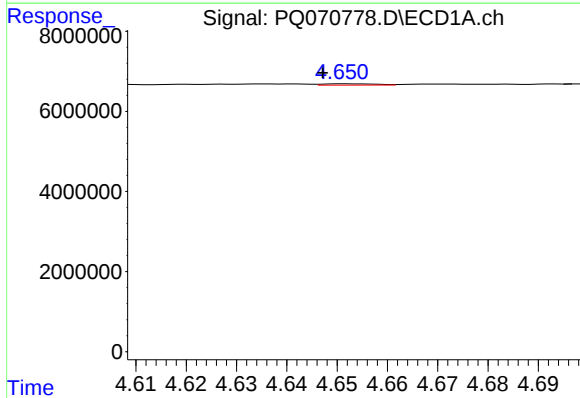
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 221592
Conc: 1.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



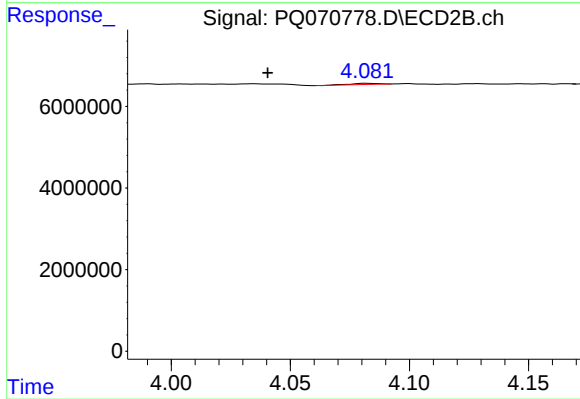
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 3.955 min
Response: 0
Conc: N.D.



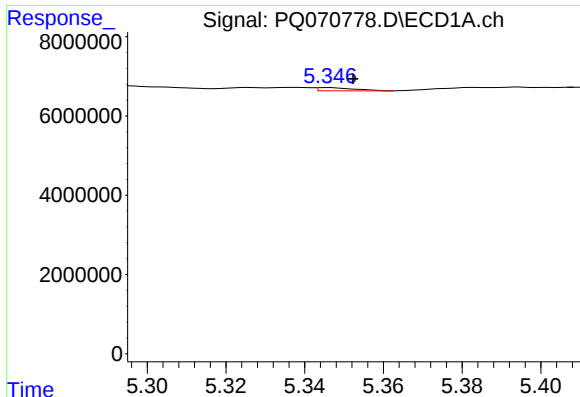
#19 AR-1242-4

R.T.: 4.651 min
Delta R.T.: 0.004 min
Response: 227357
Conc: 2.06 ng/ml



#19 AR-1242-4

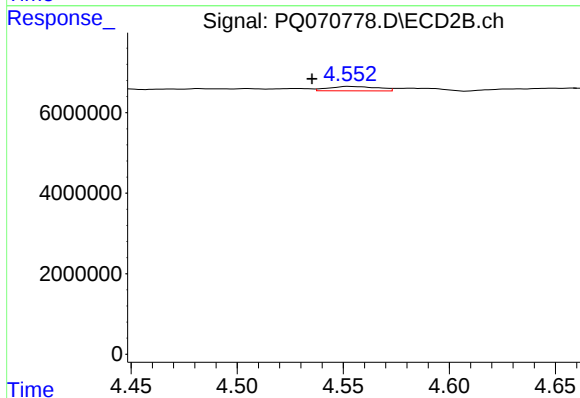
R.T.: 4.082 min
Delta R.T.: 0.041 min
Response: 234700
Conc: 1.78 ng/ml



#20 AR-1242-5

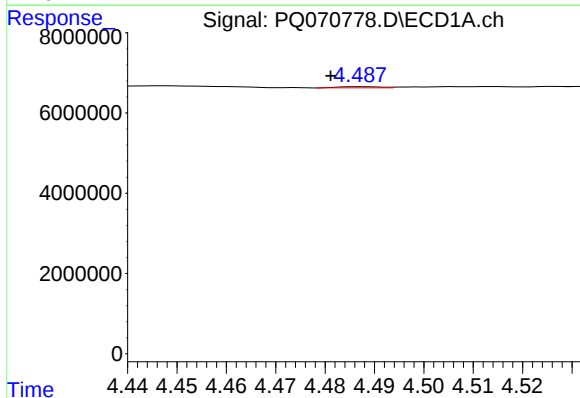
R.T.: 5.346 min
Delta R.T.: -0.006 min
Response: 513012
Conc: 5.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



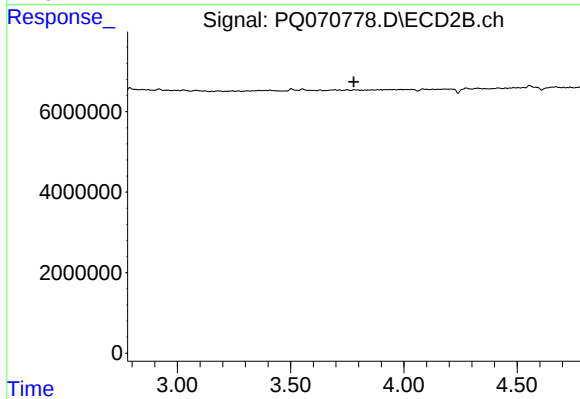
#20 AR-1242-5

R.T.: 4.553 min
Delta R.T.: 0.018 min
Response: 1784232
Conc: 10.12 ng/ml



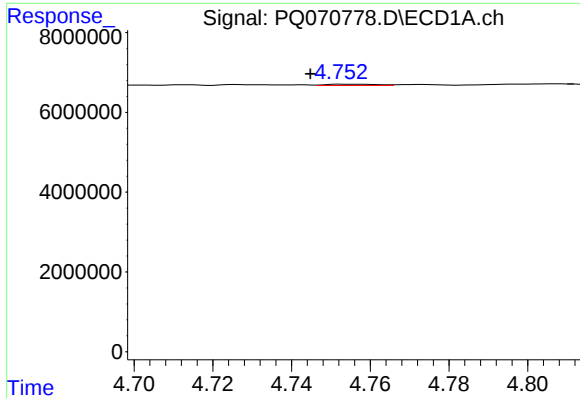
#21 AR-1248-1

R.T.: 4.487 min
Delta R.T.: 0.006 min
Response: 169439
Conc: 1.75 ng/ml



#21 AR-1248-1

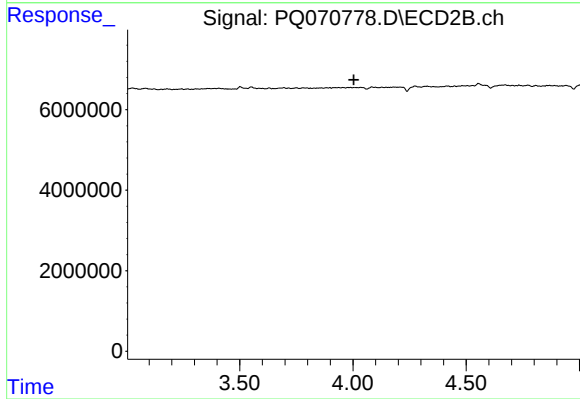
R.T.: 0.000 min
Exp R.T.: 3.779 min
Response: 0
Conc: N.D.



#22 AR-1248-2

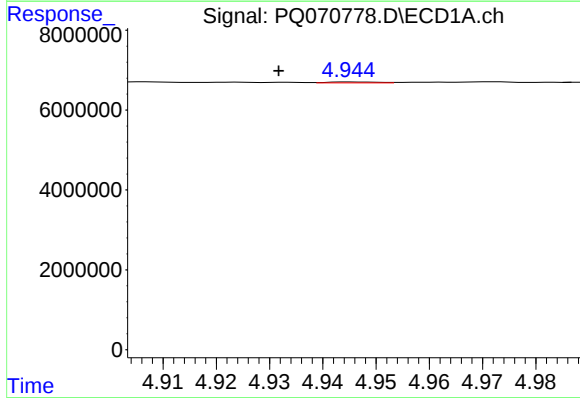
R.T.: 4.753 min
Delta R.T.: 0.008 min
Response: 284767
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



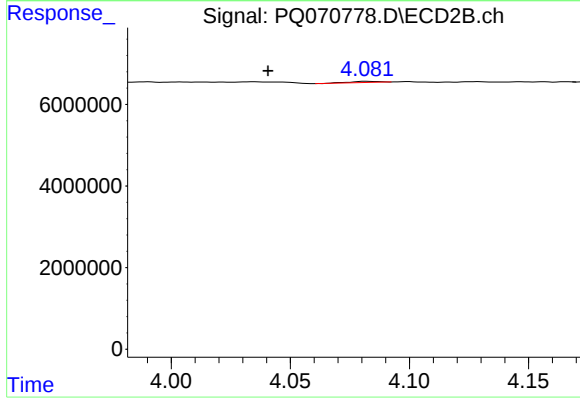
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



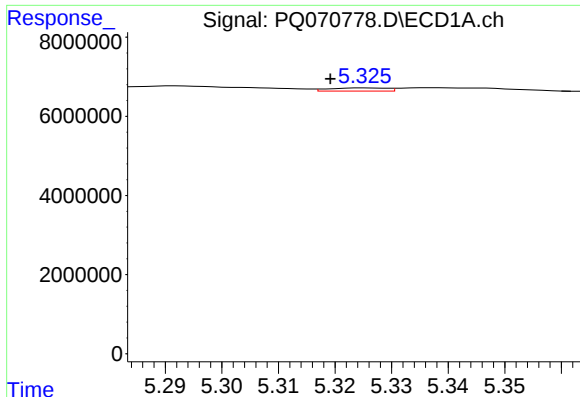
#23 AR-1248-3

R.T.: 4.945 min
Delta R.T.: 0.013 min
Response: 158618
Conc: 0.88 ng/ml



#23 AR-1248-3

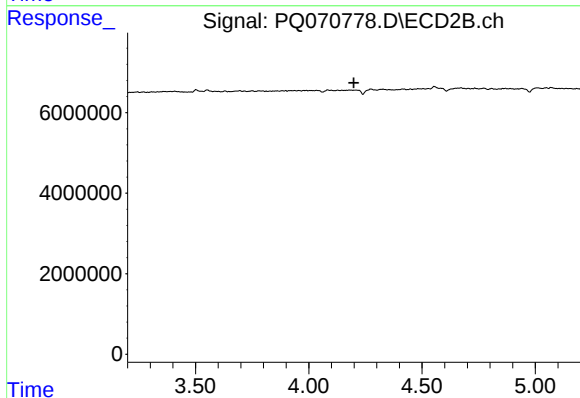
R.T.: 4.082 min
Delta R.T.: 0.041 min
Response: 234700
Conc: 1.21 ng/ml



#24 AR-1248-4

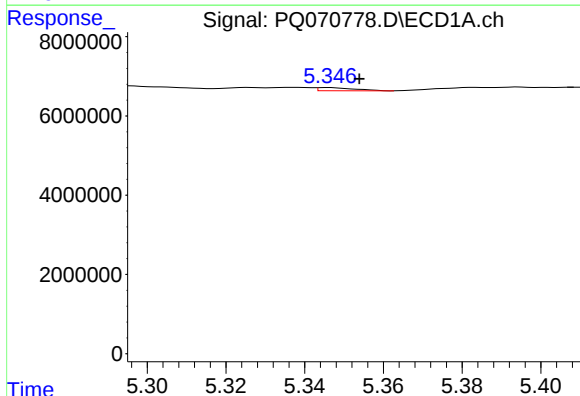
R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 567624
Conc: 2.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



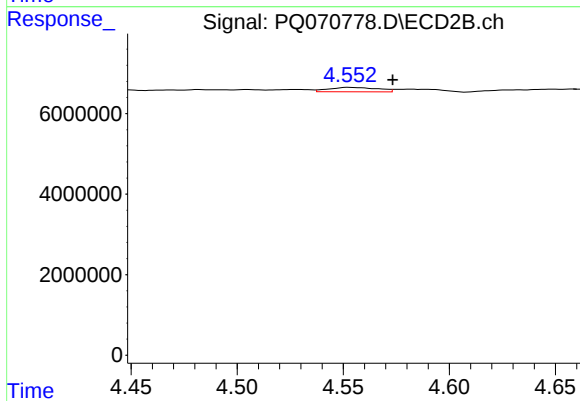
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.198 min
Response: 0
Conc: N.D.



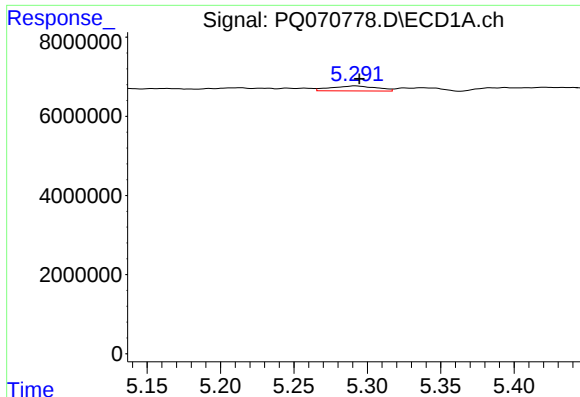
#25 AR-1248-5

R.T.: 5.346 min
Delta R.T.: -0.008 min
Response: 513012
Conc: 2.74 ng/ml



#25 AR-1248-5

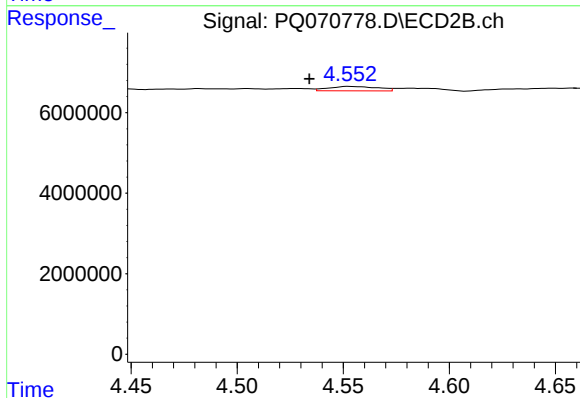
R.T.: 4.553 min
Delta R.T.: -0.021 min
Response: 1784232
Conc: 7.66 ng/ml



#26 AR-1254-1

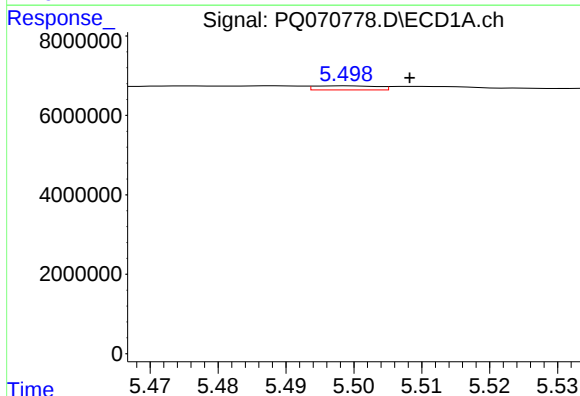
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 2735405
Conc: 13.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



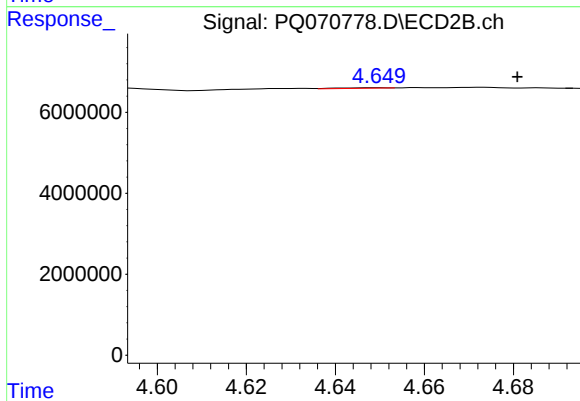
#26 AR-1254-1

R.T.: 4.553 min
Delta R.T.: 0.019 min
Response: 1784232
Conc: 5.14 ng/ml



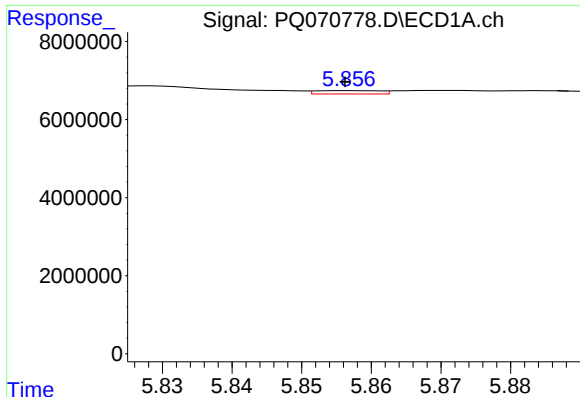
#27 AR-1254-2

R.T.: 5.499 min
Delta R.T.: -0.009 min
Response: 673851
Conc: 2.18 ng/ml



#27 AR-1254-2

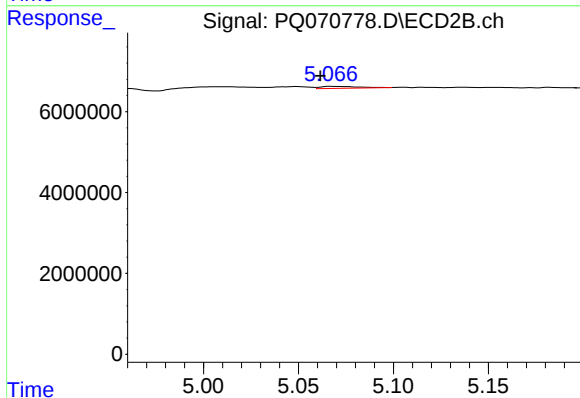
R.T.: 4.649 min
Delta R.T.: -0.032 min
Response: 108435
Conc: 0.35 ng/ml



#28 AR-1254-3

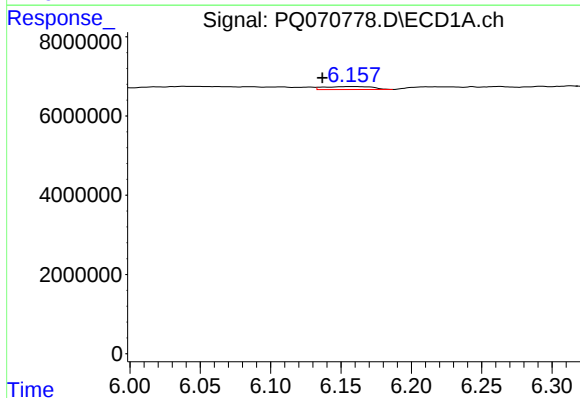
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 554023
Conc: 1.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



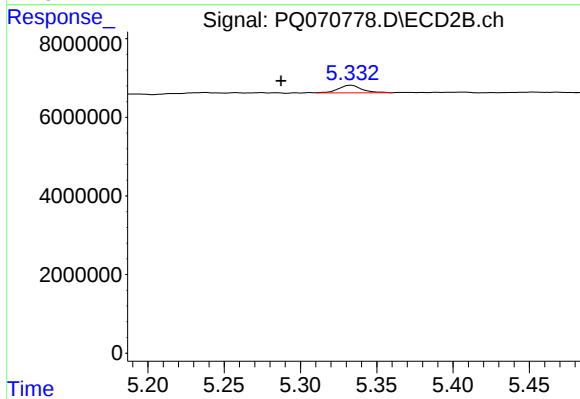
#28 AR-1254-3

R.T.: 5.067 min
Delta R.T.: 0.005 min
Response: 664050
Conc: 1.40 ng/ml



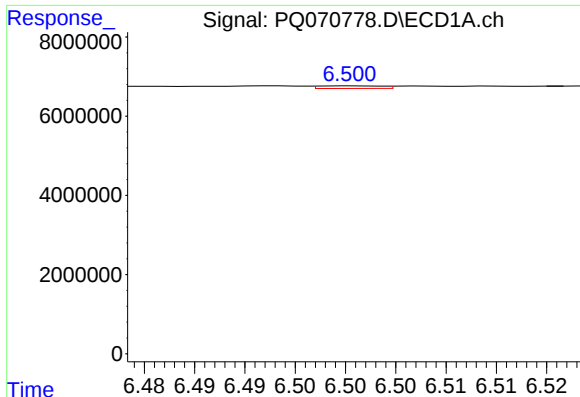
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.021 min
Response: 1783316
Conc: 7.52 ng/ml



#29 AR-1254-4

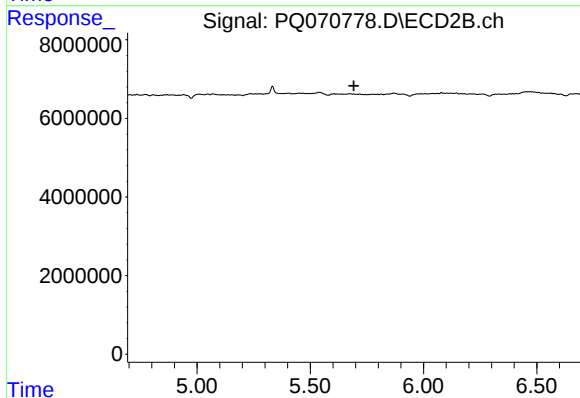
R.T.: 5.333 min
Delta R.T.: 0.046 min
Response: 2028563
Conc: 6.99 ng/ml



#30 AR-1254-5

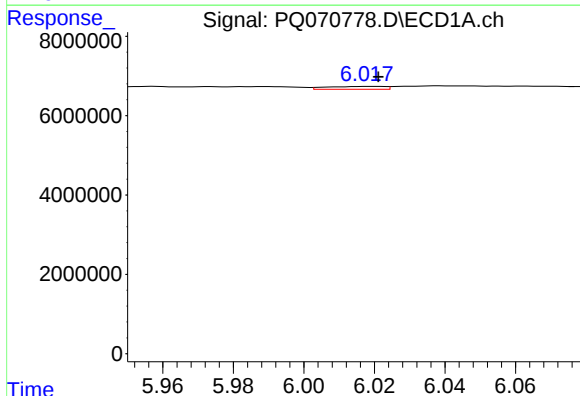
R.T.: 6.501 min
Delta R.T.: -0.045 min
Response: 284323
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



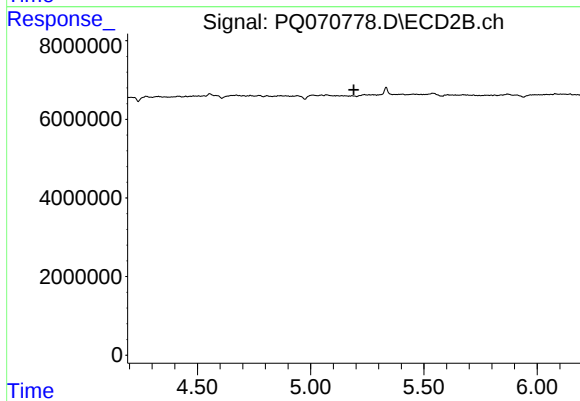
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



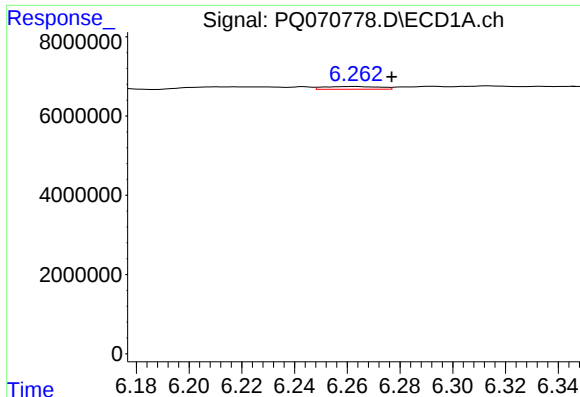
#31 AR-1260-1

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 839111
Conc: 4.14 ng/ml



#31 AR-1260-1

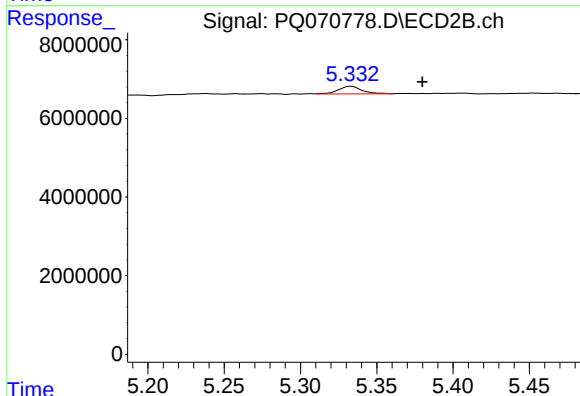
R.T.: 0.000 min
Exp R.T. : 5.190 min
Response: 0
Conc: N.D.



#32 AR-1260-2

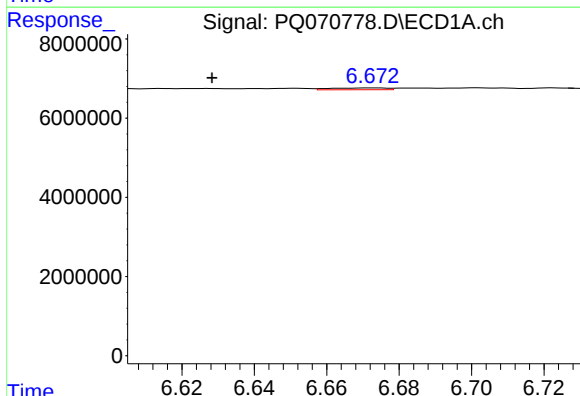
R.T.: 6.263 min
Delta R.T.: -0.014 min
Response: 999399
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



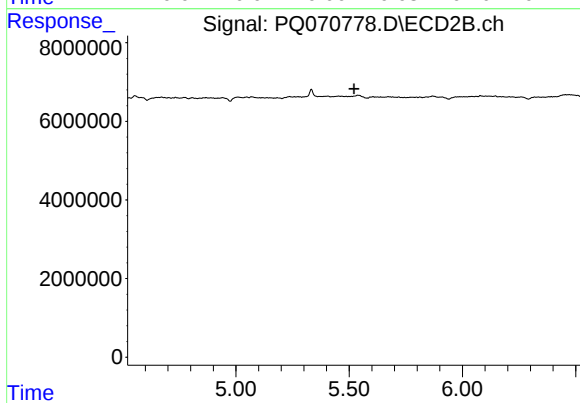
#32 AR-1260-2

R.T.: 5.333 min
Delta R.T.: -0.047 min
Response: 2028563
Conc: 6.18 ng/ml



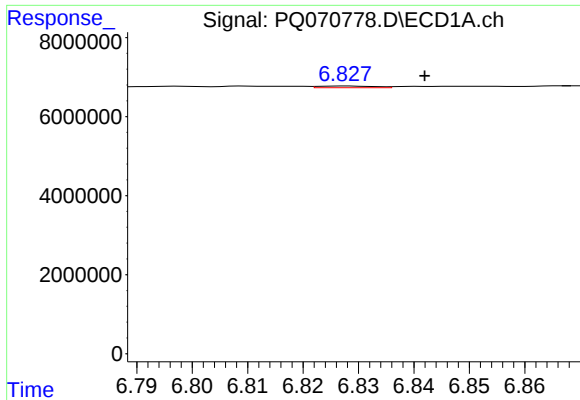
#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: 0.044 min
Response: 498118
Conc: 2.71 ng/ml



#33 AR-1260-3

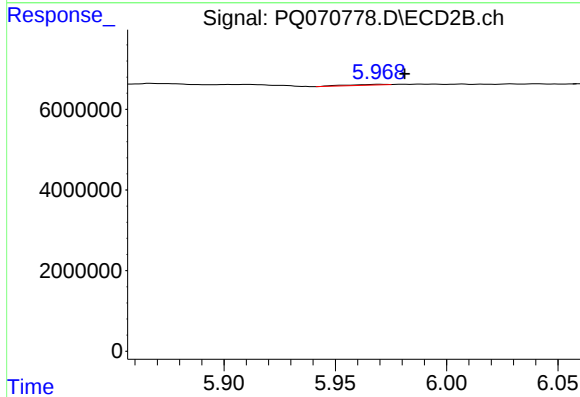
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.



#34 AR-1260-4

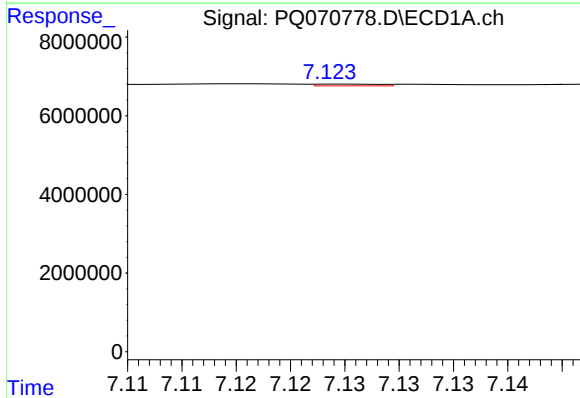
R.T.: 6.828 min
Delta R.T.: -0.014 min
Response: 290997
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



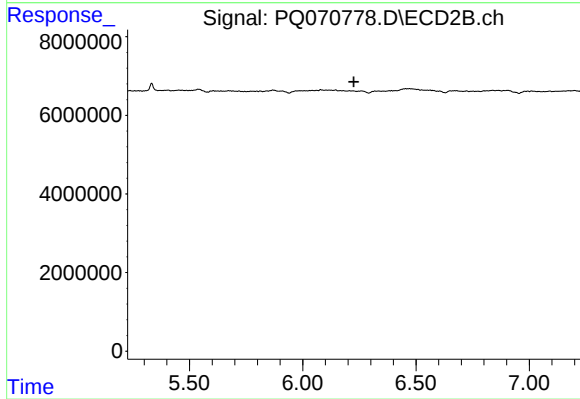
#34 AR-1260-4

R.T.: 5.970 min
Delta R.T.: -0.011 min
Response: 249661
Conc: 0.91 ng/ml



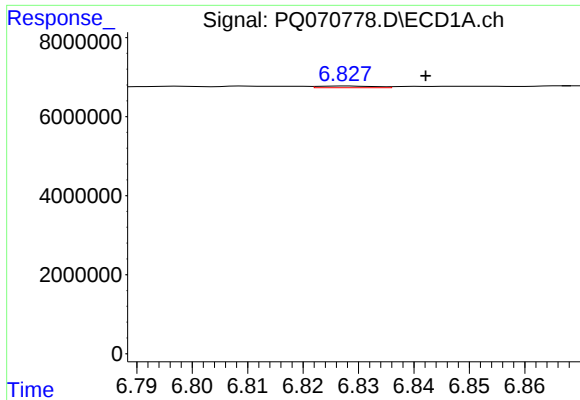
#35 AR-1260-5

R.T.: 7.124 min
Delta R.T.: -0.023 min
Response: 184016
Conc: 0.44 ng/ml



#35 AR-1260-5

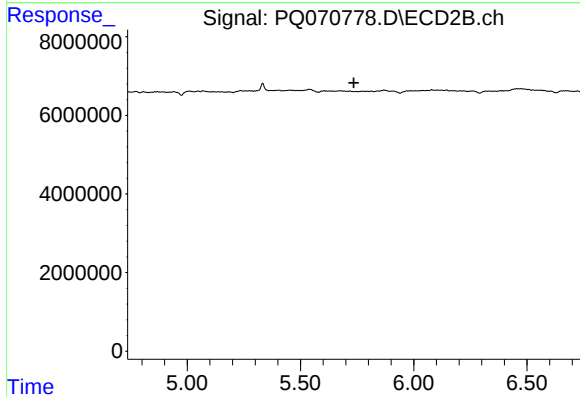
R.T.: 0.000 min
Exp R.T.: 6.225 min
Response: 0
Conc: N.D.



#36 AR-1262-1

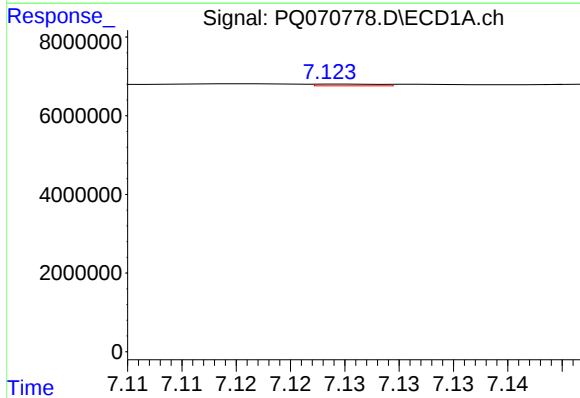
R.T.: 6.828 min
Delta R.T.: -0.014 min
Response: 290997
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



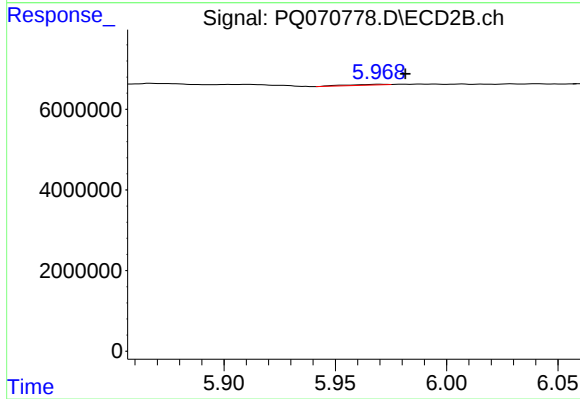
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 5.735 min
Response: 0
Conc: N.D.



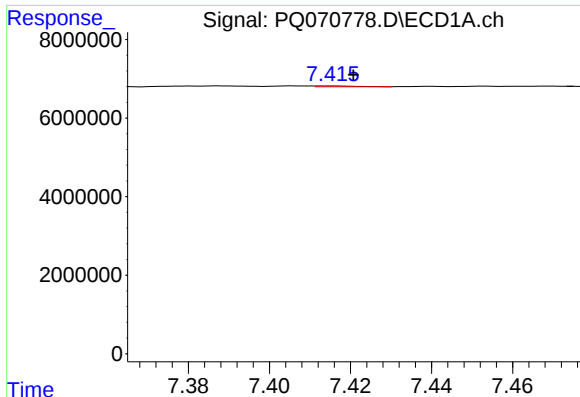
#37 AR-1262-2

R.T.: 7.124 min
Delta R.T.: -0.023 min
Response: 184016
Conc: 0.33 ng/ml



#37 AR-1262-2

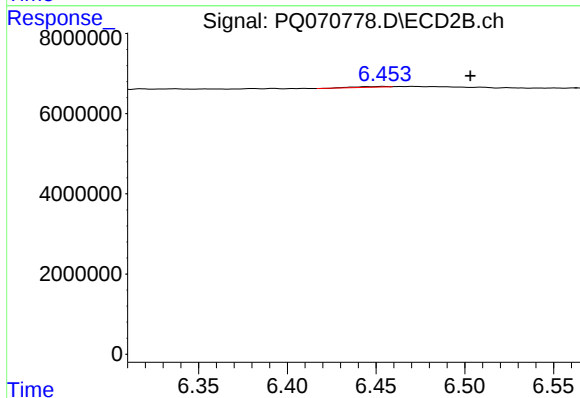
R.T.: 5.970 min
Delta R.T.: -0.012 min
Response: 249661
Conc: 0.56 ng/ml



#38 AR-1262-3

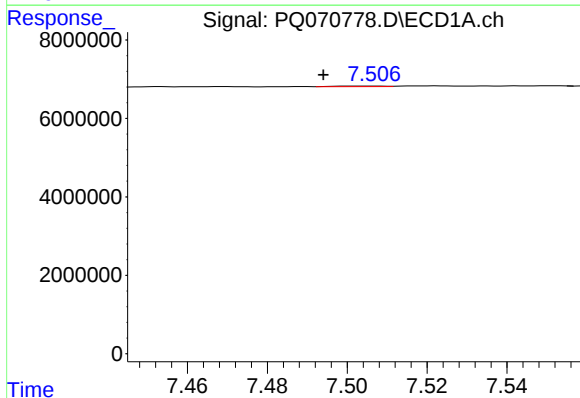
R.T.: 7.416 min
Delta R.T.: -0.005 min
Response: 145251
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



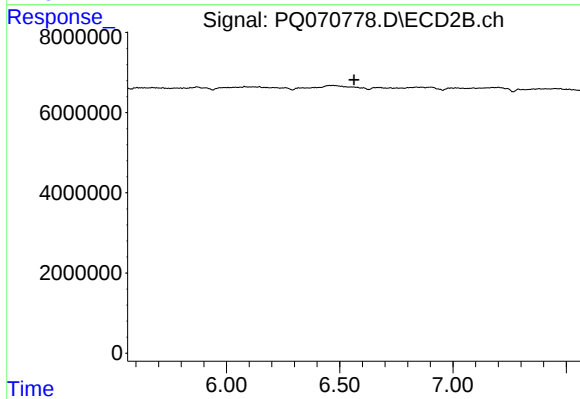
#38 AR-1262-3

R.T.: 6.454 min
Delta R.T.: -0.049 min
Response: 252248
Conc: 0.70 ng/ml



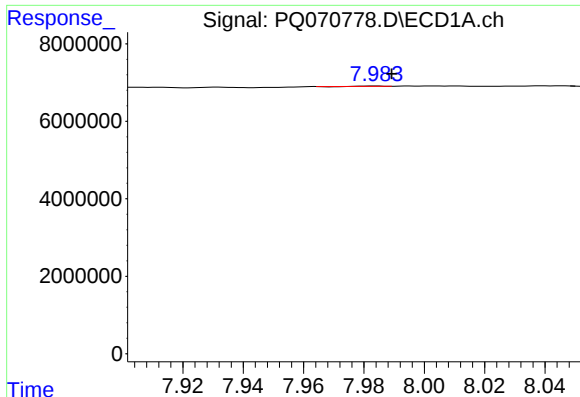
#39 AR-1262-4

R.T.: 7.506 min
Delta R.T.: 0.012 min
Response: 124158
Conc: 0.44 ng/ml



#39 AR-1262-4

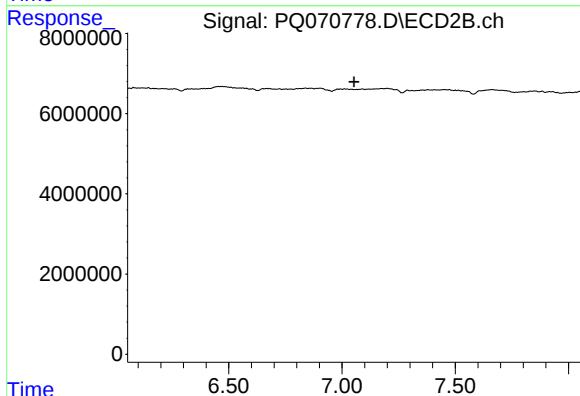
R.T.: 0.000 min
Exp R.T.: 6.563 min
Response: 0
Conc: N.D.



#40 AR-1262-5

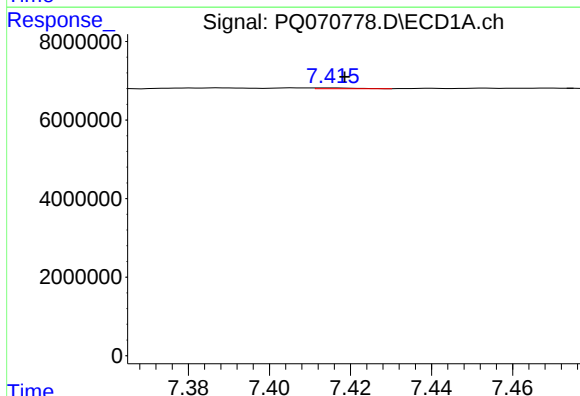
R.T.: 7.984 min
Delta R.T.: -0.005 min
Response: 21874
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



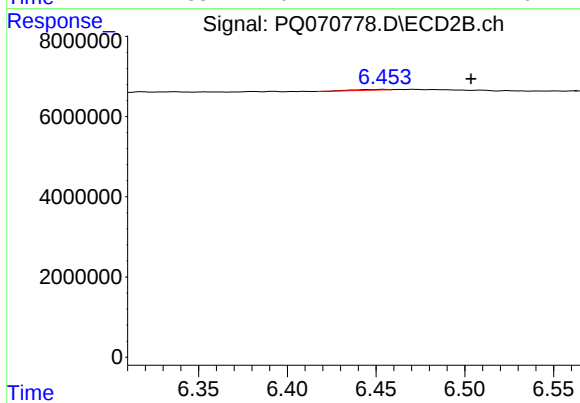
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.053 min
Response: 0
Conc: N.D.



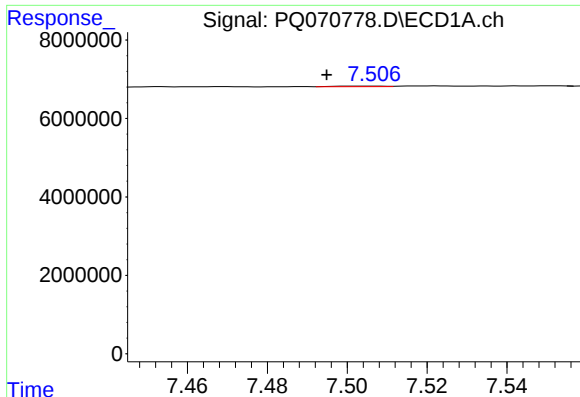
#41 AR-1268-1

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 145251
Conc: 0.23 ng/ml



#41 AR-1268-1

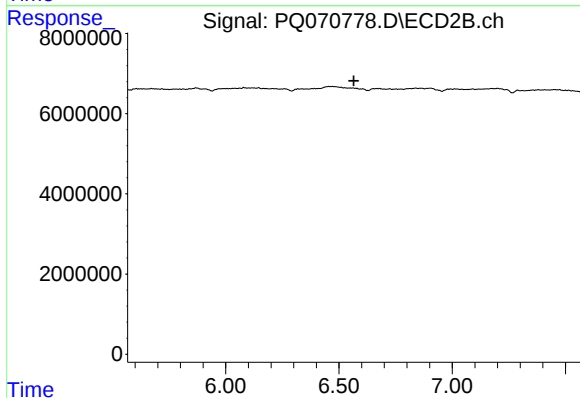
R.T.: 6.454 min
Delta R.T.: -0.049 min
Response: 252248
Conc: 0.26 ng/ml



#42 AR-1268-2

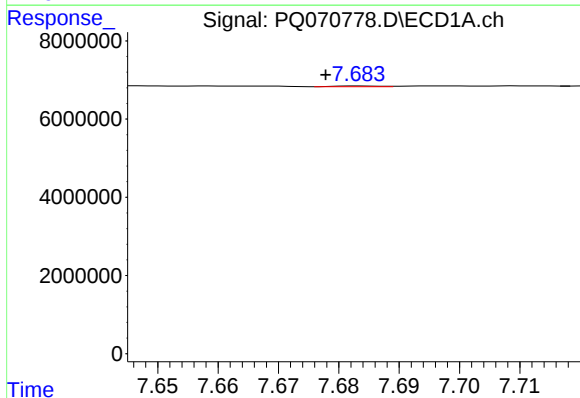
R.T.: 7.506 min
Delta R.T.: 0.011 min
Response: 124158
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



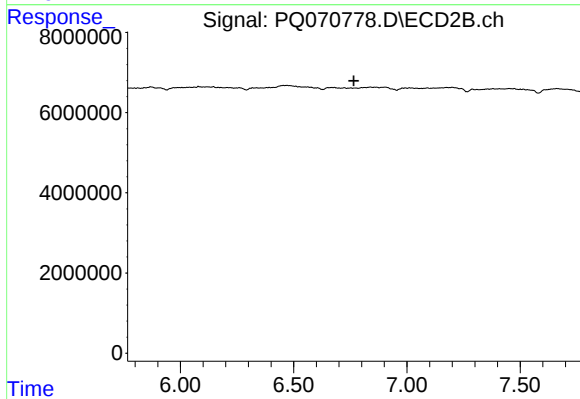
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



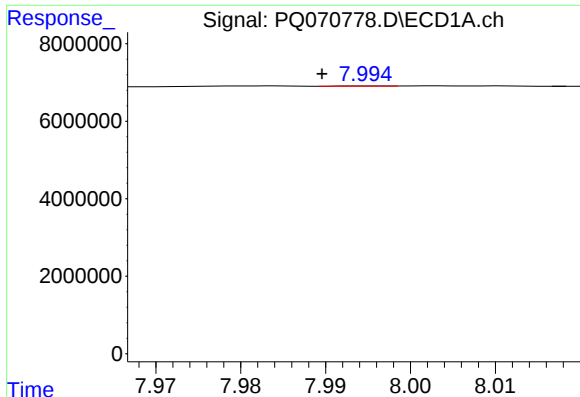
#43 AR-1268-3

R.T.: 7.683 min
Delta R.T.: 0.005 min
Response: 91894
Conc: 0.19 ng/ml



#43 AR-1268-3

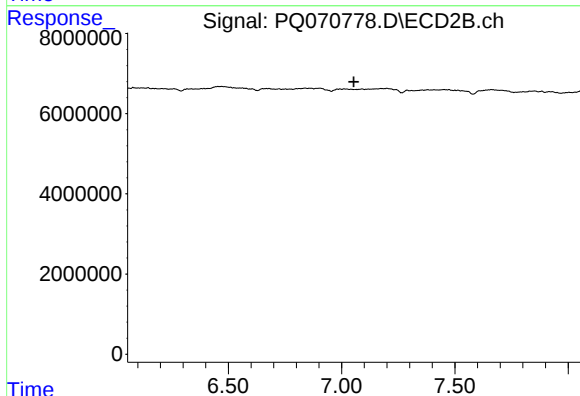
R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#44 AR-1268-4

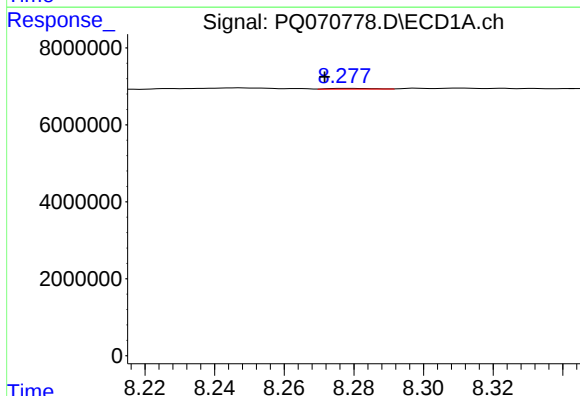
R.T.: 7.995 min
Delta R.T.: 0.005 min
Response: 23956
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



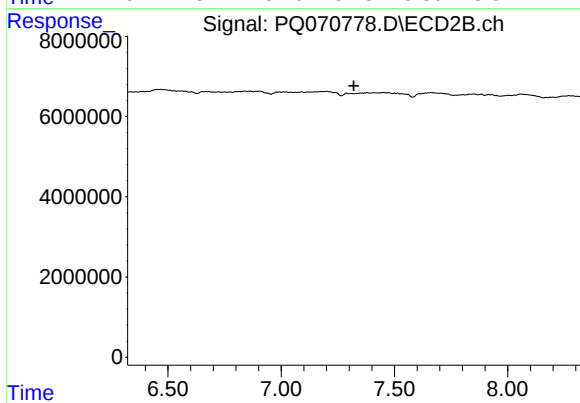
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.054 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.277 min
Delta R.T.: 0.005 min
Response: 174061
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.320 min
Response: 0
Conc: N.D.