

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
 Data File : PP056376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 08:33
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 09:57:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 2023
 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...	4.319	3.567	7695	31991	0.005	0.023 #
2)	SA Decachlor...	10.058	8.549	86636	88792	0.044	0.079 #
Target Compounds							
3)	L1 AR-1016-1	5.488	4.634	125062	40658	2.160	0.965 #
4)	L1 AR-1016-2	5.507	4.672	77384	143355	0.903	2.365 #
5)	L1 AR-1016-3	5.576	4.846	43350	932635	0.795	28.814 #
6)	L1 AR-1016-4	5.676	0.000	15885	0	0.366	N.D. #
7)	L1 AR-1016-5	5.970	5.103	182361	11998047	3.977	335.354 #
8)	L2 AR-1221-1	4.526	3.778	11195	69092	0.559	3.973 #
9)	L2 AR-1221-2	4.618	3.861	67663	56610	4.453	4.381
10)	L2 AR-1221-3	4.686	3.935	93006	35139	1.999	0.866 #
11)	L3 AR-1232-1	4.686	3.935	93006	35139	2.399	1.068 #
12)	L3 AR-1232-2	5.227	4.672	94788	143355	4.685	5.170
13)	L3 AR-1232-3	5.507	4.846	77384	932635	1.987	65.851 #
14)	L3 AR-1232-4	5.676	4.933	15885	4977411	0.812	350.450 #
15)	L3 AR-1232-5	5.759	5.103	46144	11998047	2.913	782.302 #
16)	L4 AR-1242-1	5.488	4.634	125062	40658	2.566	1.150 #
17)	L4 AR-1242-2	5.507	4.672	77384	143355	1.085	2.821 #
18)	L4 AR-1242-3	5.576	4.846	43350	932635	0.952	34.562 #
19)	L4 AR-1242-4	5.676	4.933	15885	4977411	0.444	169.881 #
20)	L4 AR-1242-5	6.408	5.465f	2340355	16775418	54.745	519.947 #
21)	L5 AR-1248-1	5.488	4.634	125062	40658	3.512	1.566 #
22)	L5 AR-1248-2	5.759	0.000	46144	0	0.826	N.D. #
23)	L5 AR-1248-3	5.970	4.933	182361	4977411	2.997	122.057 #
24)	L5 AR-1248-4	6.382	5.103	1360643	11998047	19.698	256.206 #
25)	L5 AR-1248-5	6.408	5.465f	2340355	16775418	34.445	406.212 #
26)	L6 AR-1254-1	6.352	5.465f	11873871	16775418	157.310	233.755 #
27)	L6 AR-1254-2	6.571	0.000	102475	0	0.883	N.D. #
28)	L6 AR-1254-3	6.936	5.982	8087743	2902347	65.955	31.351 #
29)	L6 AR-1254-4	7.211	0.000	5759773	0	63.426	N.D. #
30)	L6 AR-1254-5	7.617f	6.625f	5237655	336516	50.663	4.306 #
31)	L7 AR-1260-1	7.087	0.000	3789109	0	38.449	N.D. #
32)	L7 AR-1260-2	7.361	6.299f	7421439	5892049	63.981	77.022
33)	L7 AR-1260-3	7.700f	0.000	1005713	0	11.749	N.D. #
34)	L7 AR-1260-4	7.955	6.932	271860	258296	2.750	4.307 #
35)	L7 AR-1260-5	8.264	0.000	250647	0	1.254	N.D. #
36)	L8 AR-1262-1	7.700f	6.715f	1005713	1011757	8.426	30.783 #
37)	L8 AR-1262-2	8.264	6.932	250647	258296	1.148	3.623 #
38)	L8 AR-1262-3	8.566	7.478	58460	1681508	0.383	30.879 #
39)	L8 AR-1262-4	8.658	0.000	311546	0	3.875	N.D. #
40)	L8 AR-1262-5	9.318	0.000	59055	0	0.713	N.D. #
41)	L9 AR-1268-1	8.566	7.478	58460	1681508	0.212	9.965 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
Data File : PP056376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 08:33
Operator : YP\AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

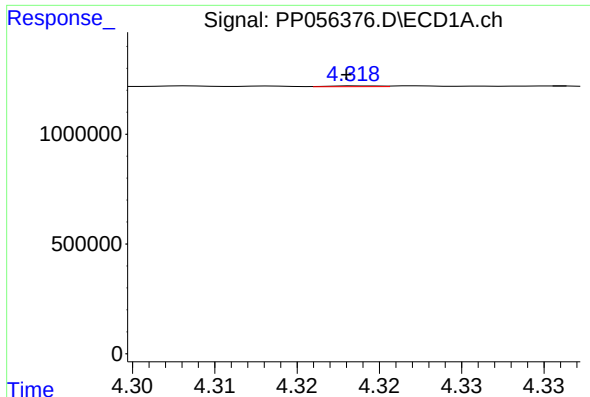
Instrument :
ECD_P
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 09:57:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 08 02:03:40 2023
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	8.658	0.000	311546	0	1.208	N.D. #
43) L9	AR-1268-3	8.878	7.762f	229575	242526	1.001	1.786 #
44) L9	AR-1268-4	9.318	0.000	59055	0	0.633	N.D. #
45) L9	AR-1268-5	9.727	8.335f	60757	77047	0.084	0.198 #

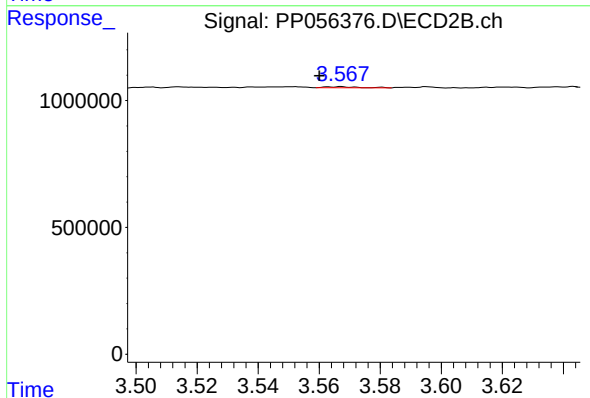
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

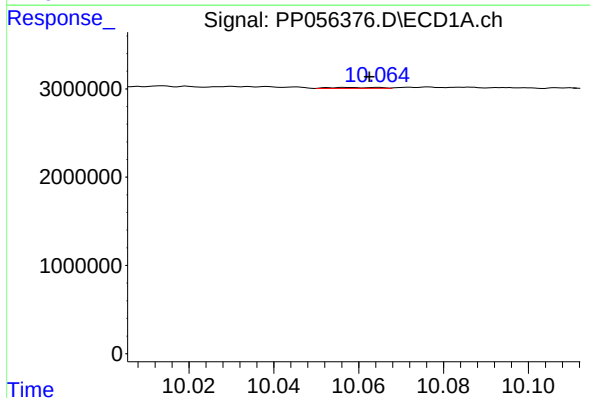
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 7695
Conc: 0.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



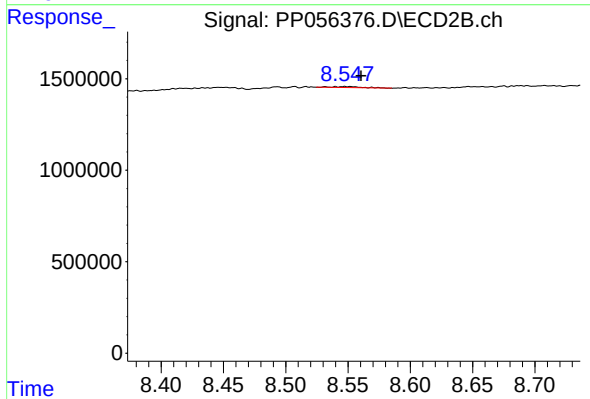
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.007 min
Response: 31991
Conc: 0.02 ng/ml



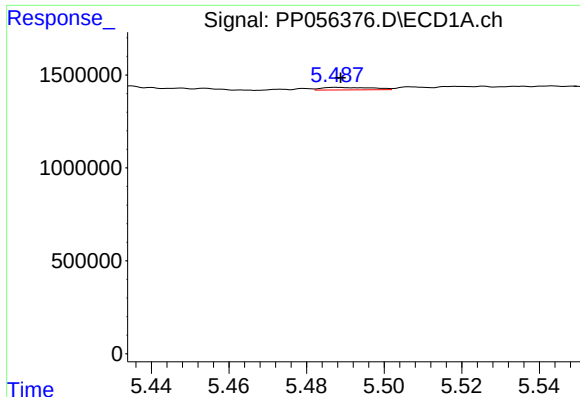
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: -0.005 min
Response: 86636
Conc: 0.04 ng/ml



#2 Decachlorobiphenyl

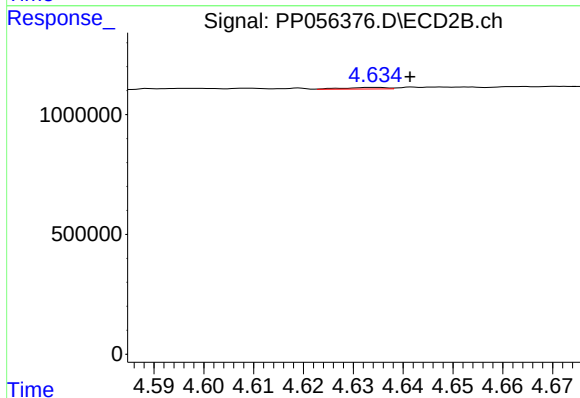
R.T.: 8.549 min
Delta R.T.: -0.011 min
Response: 88792
Conc: 0.08 ng/ml



#3 AR-1016-1

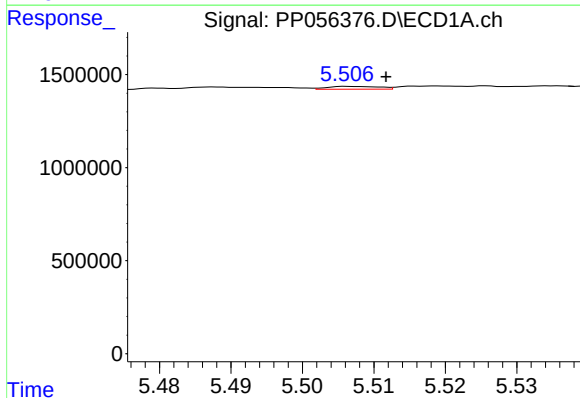
R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 125062
Conc: 2.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



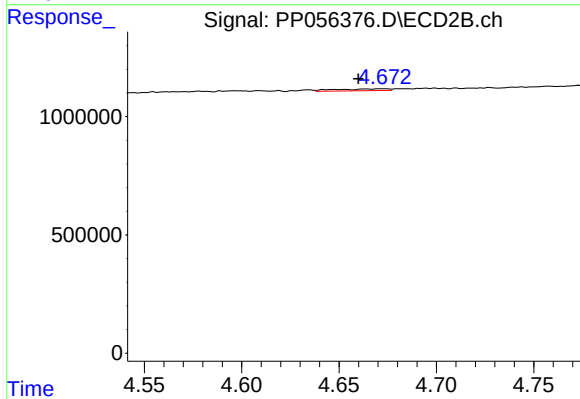
#3 AR-1016-1

R.T.: 4.634 min
Delta R.T.: -0.007 min
Response: 40658
Conc: 0.97 ng/ml



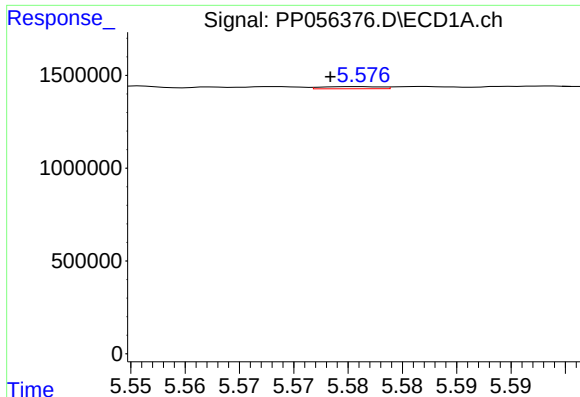
#4 AR-1016-2

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 77384
Conc: 0.90 ng/ml



#4 AR-1016-2

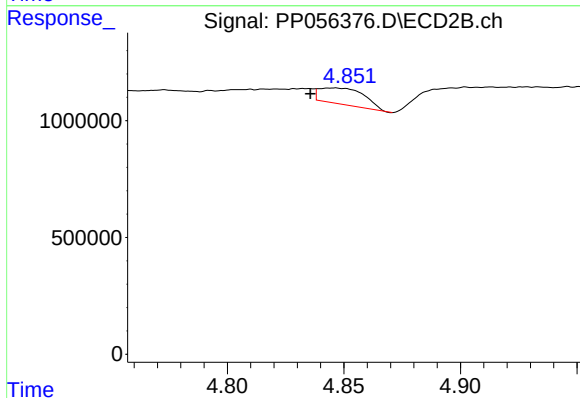
R.T.: 4.672 min
Delta R.T.: 0.012 min
Response: 143355
Conc: 2.37 ng/ml



#5 AR-1016-3

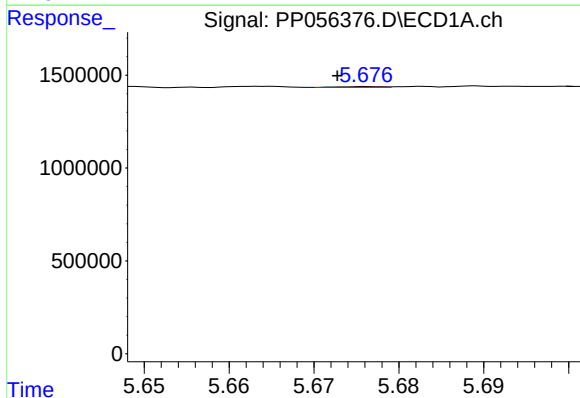
R.T.: 5.576 min
Delta R.T.: 0.002 min
Response: 43350
Conc: 0.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



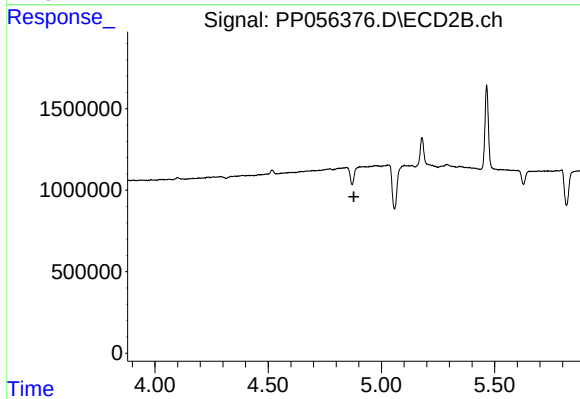
#5 AR-1016-3

R.T.: 4.846 min
Delta R.T.: 0.010 min
Response: 932635
Conc: 28.81 ng/ml



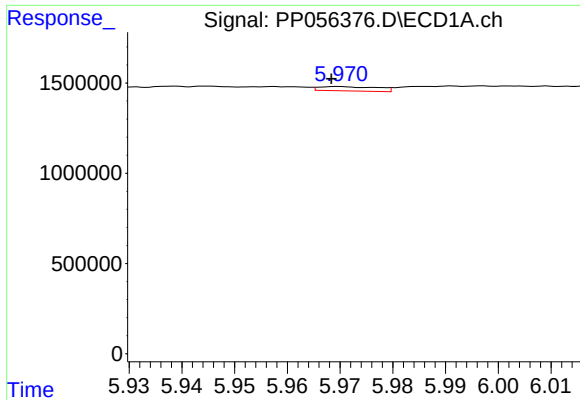
#6 AR-1016-4

R.T.: 5.676 min
Delta R.T.: 0.004 min
Response: 15885
Conc: 0.37 ng/ml



#6 AR-1016-4

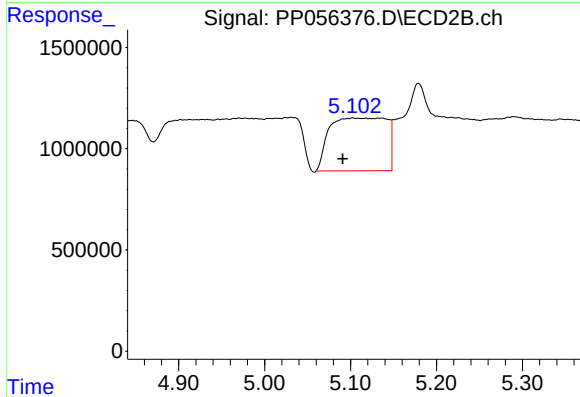
R.T.: 0.000 min
Exp R.T.: 4.878 min
Response: 0
Conc: N.D.



#7 AR-1016-5

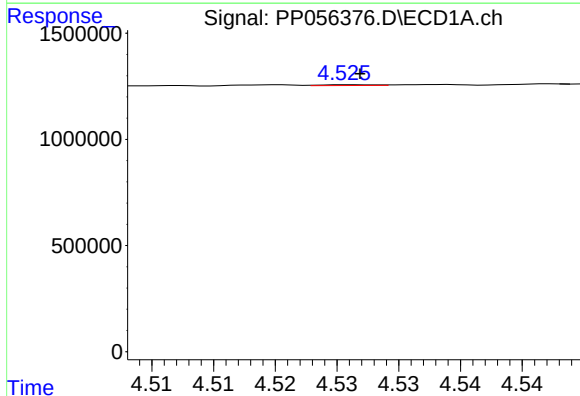
R.T.: 5.970 min
Delta R.T.: 0.001 min
Response: 182361
Conc: 3.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



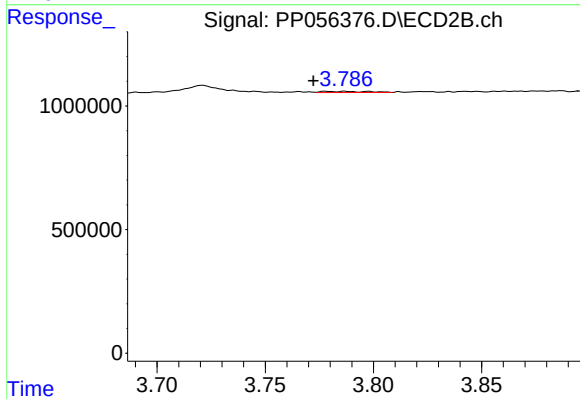
#7 AR-1016-5

R.T.: 5.103 min
Delta R.T.: 0.012 min
Response: 11998047
Conc: 335.35 ng/ml



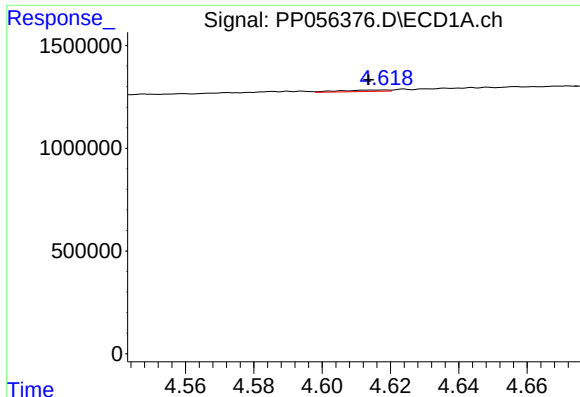
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 11195
Conc: 0.56 ng/ml



#8 AR-1221-1

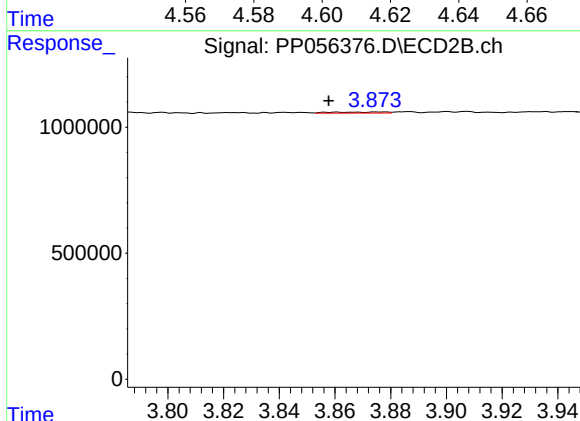
R.T.: 3.778 min
Delta R.T.: 0.006 min
Response: 69092
Conc: 3.97 ng/ml



#9 AR-1221-2

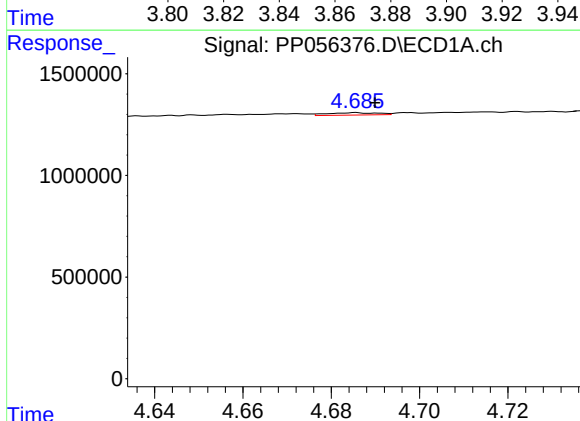
R.T.: 4.618 min
Delta R.T.: 0.005 min
Response: 67663
Conc: 4.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



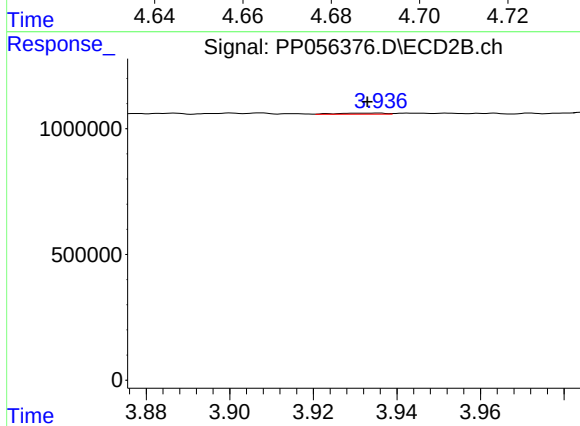
#9 AR-1221-2

R.T.: 3.861 min
Delta R.T.: 0.003 min
Response: 56610
Conc: 4.38 ng/ml



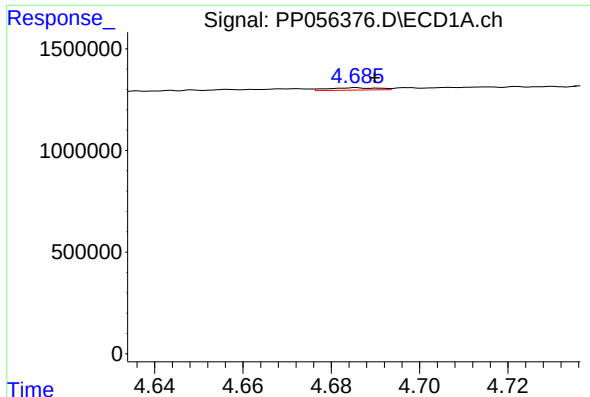
#10 AR-1221-3

R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 93006
Conc: 2.00 ng/ml



#10 AR-1221-3

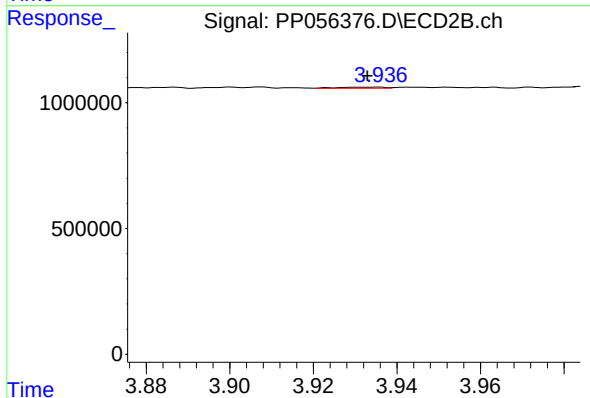
R.T.: 3.935 min
Delta R.T.: 0.002 min
Response: 35139
Conc: 0.87 ng/ml



#11 AR-1232-1

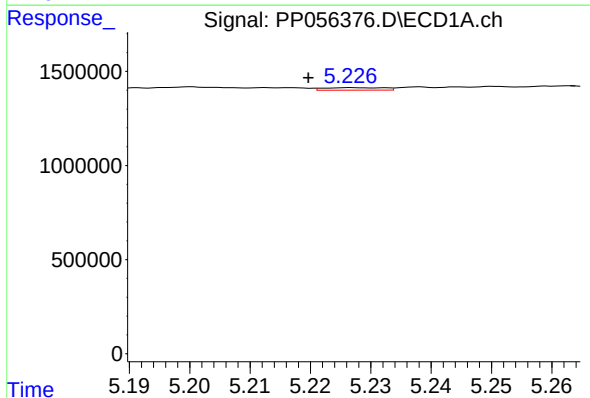
R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 93006
Conc: 2.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



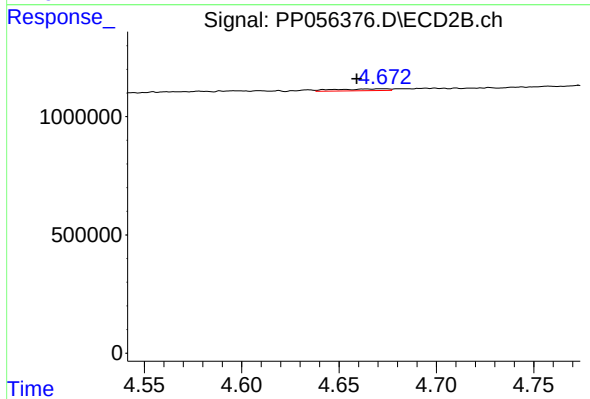
#11 AR-1232-1

R.T.: 3.935 min
Delta R.T.: 0.002 min
Response: 35139
Conc: 1.07 ng/ml



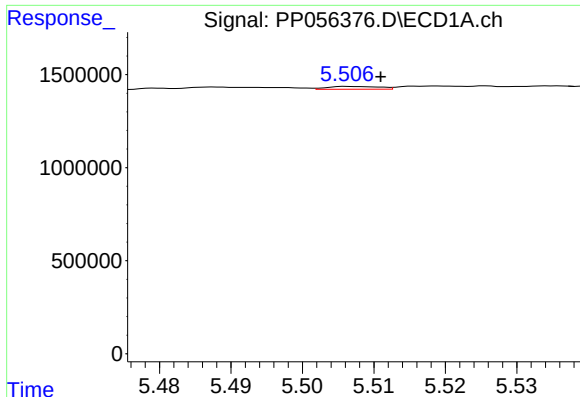
#12 AR-1232-2

R.T.: 5.227 min
Delta R.T.: 0.007 min
Response: 94788
Conc: 4.69 ng/ml



#12 AR-1232-2

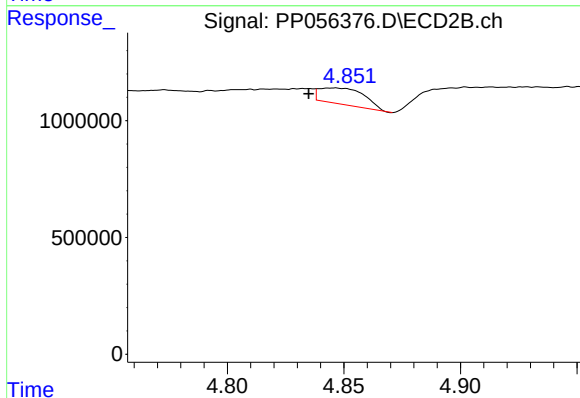
R.T.: 4.672 min
Delta R.T.: 0.013 min
Response: 143355
Conc: 5.17 ng/ml



#13 AR-1232-3

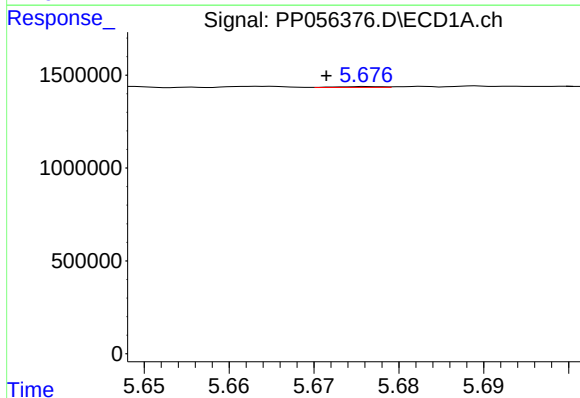
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 77384
Conc: 1.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



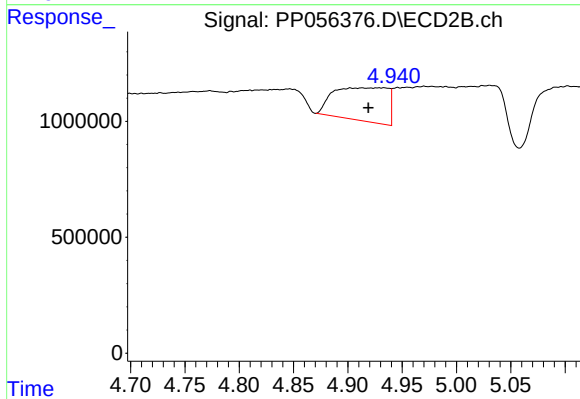
#13 AR-1232-3

R.T.: 4.846 min
Delta R.T.: 0.011 min
Response: 932635
Conc: 65.85 ng/ml



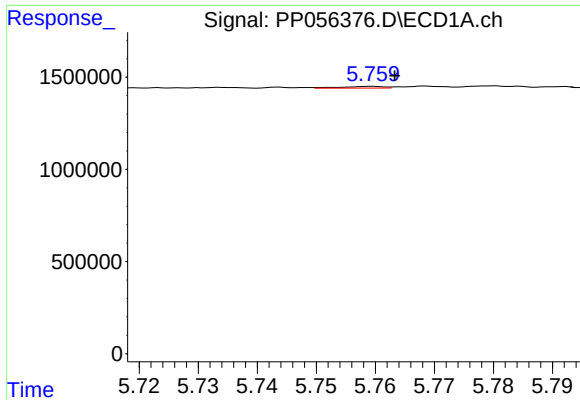
#14 AR-1232-4

R.T.: 5.676 min
Delta R.T.: 0.005 min
Response: 15885
Conc: 0.81 ng/ml



#14 AR-1232-4

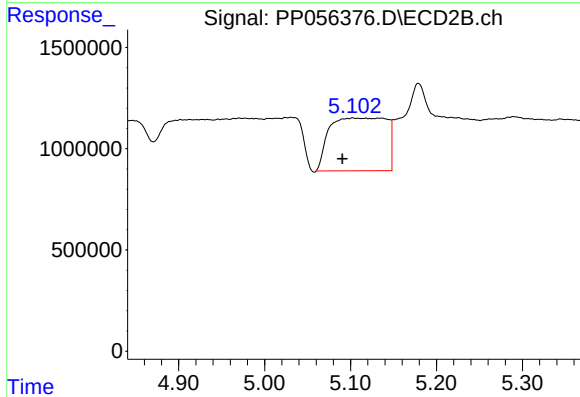
R.T.: 4.933 min
Delta R.T.: 0.014 min
Response: 4977411
Conc: 350.45 ng/ml



#15 AR-1232-5

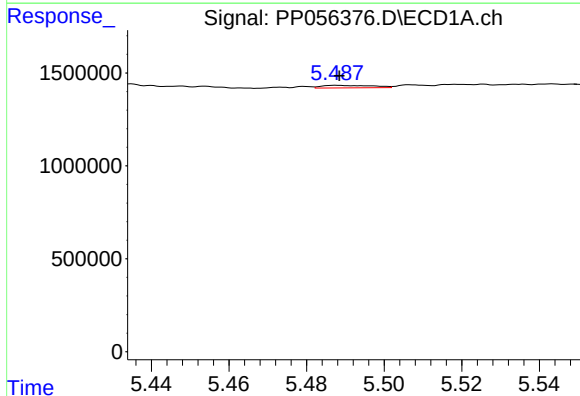
R.T.: 5.759 min
Delta R.T.: -0.004 min
Response: 46144
Conc: 2.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



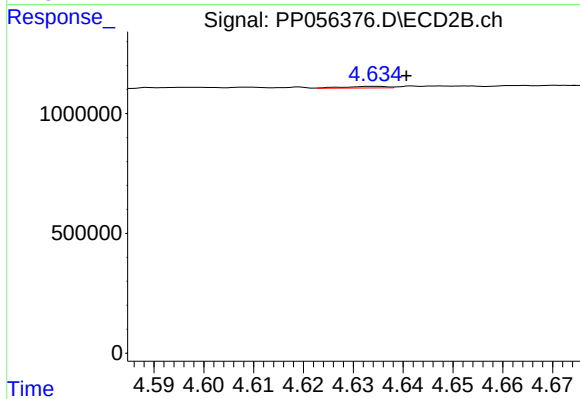
#15 AR-1232-5

R.T.: 5.103 min
Delta R.T.: 0.013 min
Response: 11998047
Conc: 782.30 ng/ml



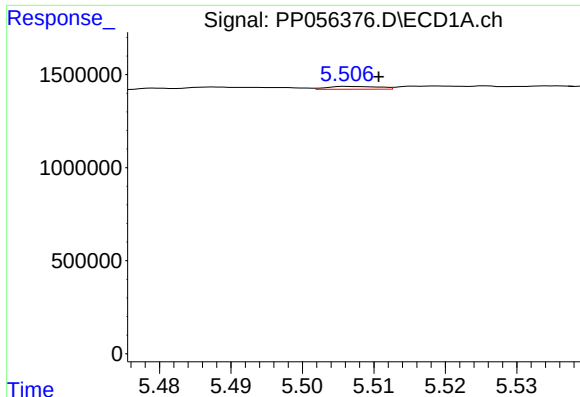
#16 AR-1242-1

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 125062
Conc: 2.57 ng/ml



#16 AR-1242-1

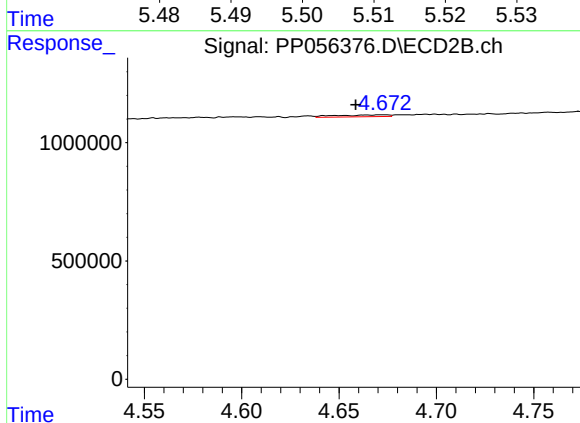
R.T.: 4.634 min
Delta R.T.: -0.007 min
Response: 40658
Conc: 1.15 ng/ml



#17 AR-1242-2

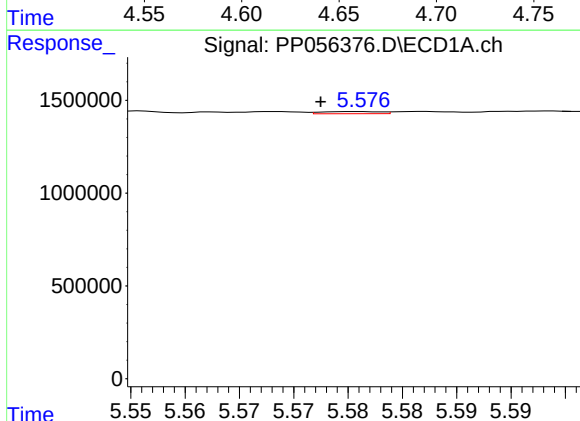
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 77384
Conc: 1.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



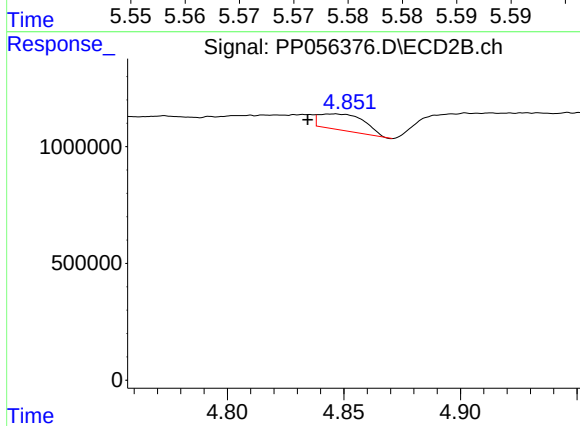
#17 AR-1242-2

R.T.: 4.672 min
Delta R.T.: 0.014 min
Response: 143355
Conc: 2.82 ng/ml



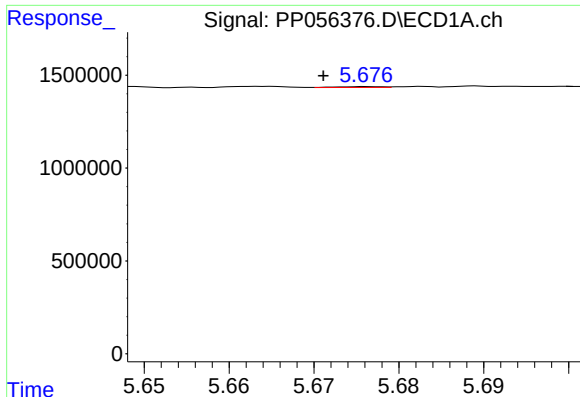
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: 0.003 min
Response: 43350
Conc: 0.95 ng/ml



#18 AR-1242-3

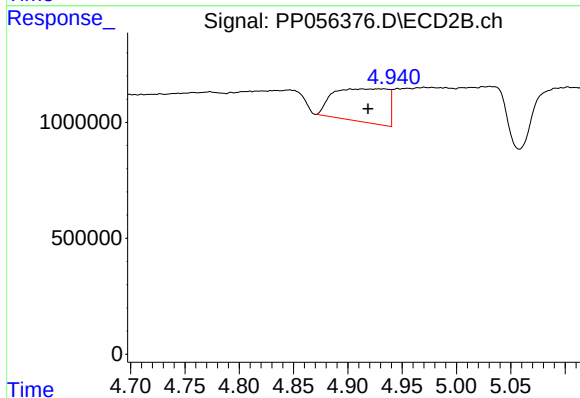
R.T.: 4.846 min
Delta R.T.: 0.011 min
Response: 932635
Conc: 34.56 ng/ml



#19 AR-1242-4

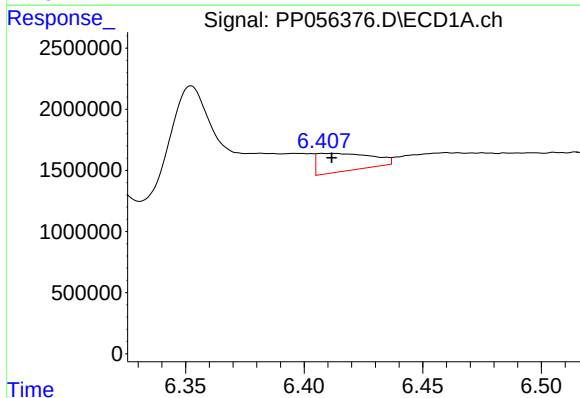
R.T.: 5.676 min
Delta R.T.: 0.005 min
Response: 15885
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



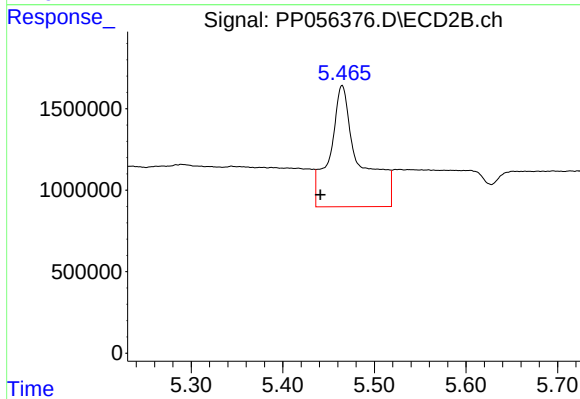
#19 AR-1242-4

R.T.: 4.933 min
Delta R.T.: 0.014 min
Response: 4977411
Conc: 169.88 ng/ml



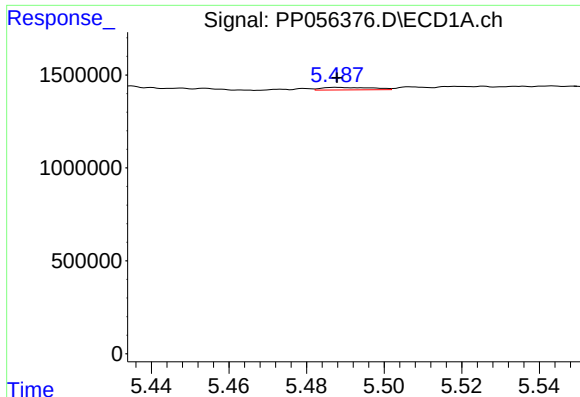
#20 AR-1242-5

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 2340355
Conc: 54.74 ng/ml



#20 AR-1242-5

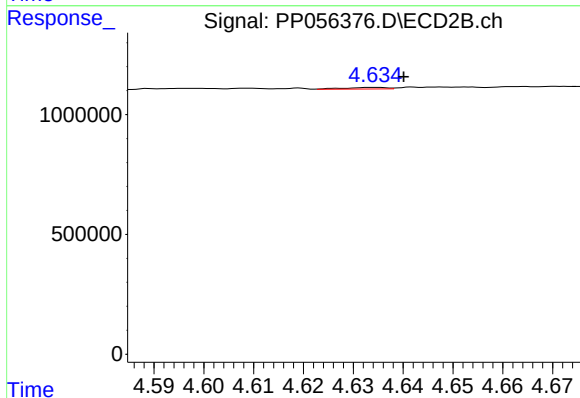
R.T.: 5.465 min
Delta R.T.: 0.024 min
Response: 16775418
Conc: 519.95 ng/ml



#21 AR-1248-1

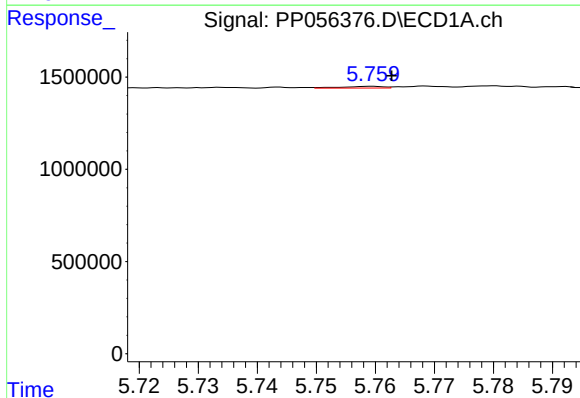
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 125062
Conc: 3.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



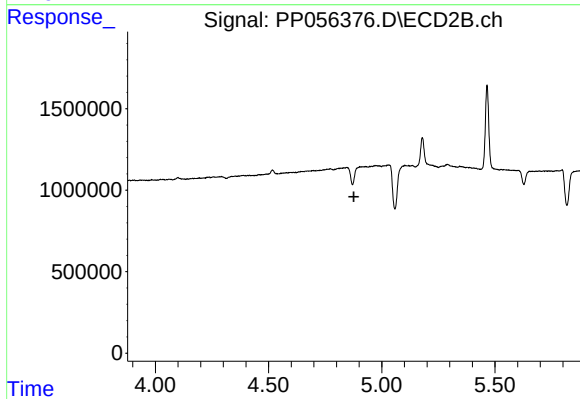
#21 AR-1248-1

R.T.: 4.634 min
Delta R.T.: -0.006 min
Response: 40658
Conc: 1.57 ng/ml



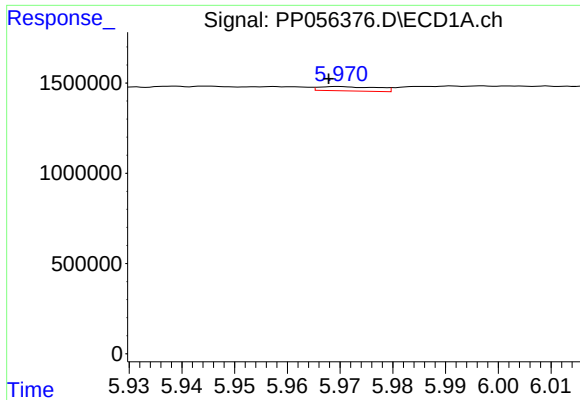
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: -0.003 min
Response: 46144
Conc: 0.83 ng/ml



#22 AR-1248-2

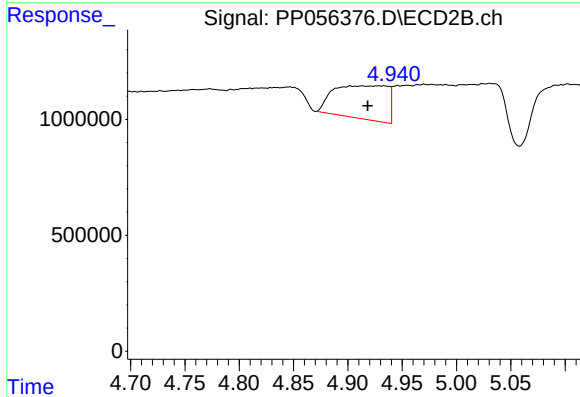
R.T.: 0.000 min
Exp R.T.: 4.877 min
Response: 0
Conc: N.D.



#23 AR-1248-3

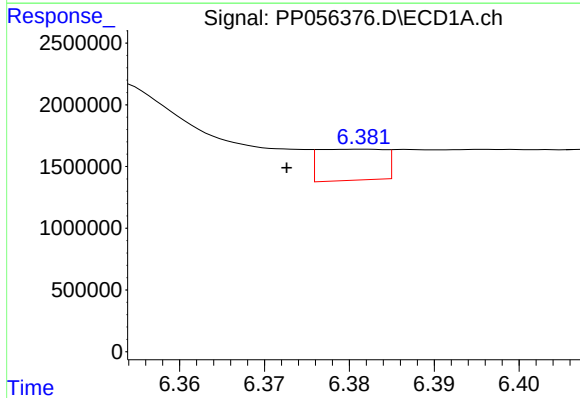
R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 182361
Conc: 3.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



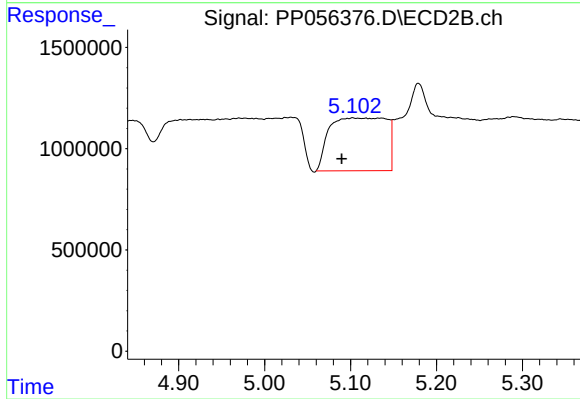
#23 AR-1248-3

R.T.: 4.933 min
Delta R.T.: 0.015 min
Response: 4977411
Conc: 122.06 ng/ml



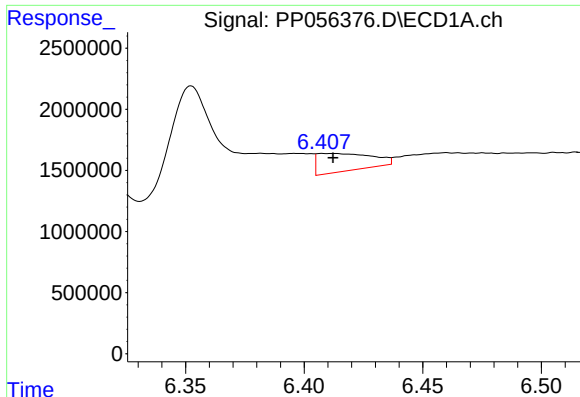
#24 AR-1248-4

R.T.: 6.382 min
Delta R.T.: 0.009 min
Response: 1360643
Conc: 19.70 ng/ml



#24 AR-1248-4

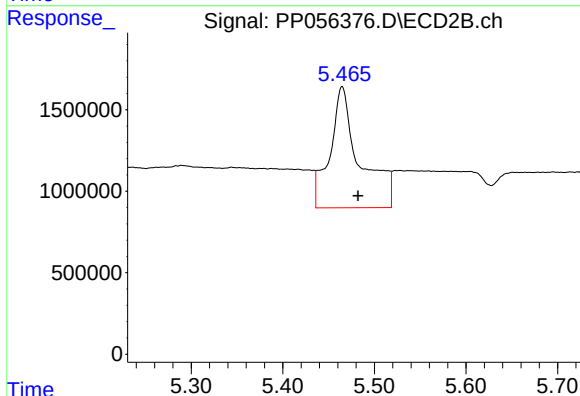
R.T.: 5.103 min
Delta R.T.: 0.013 min
Response: 11998047
Conc: 256.21 ng/ml



#25 AR-1248-5

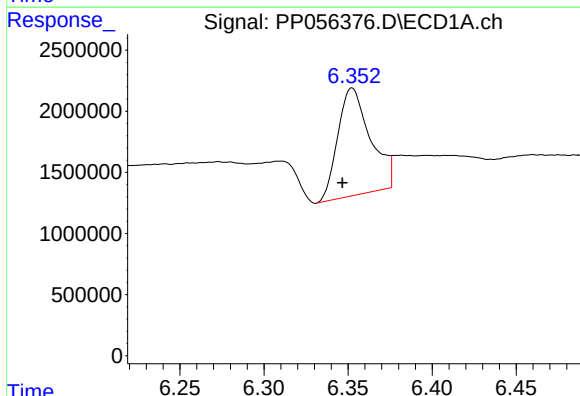
R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 2340355
Conc: 34.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



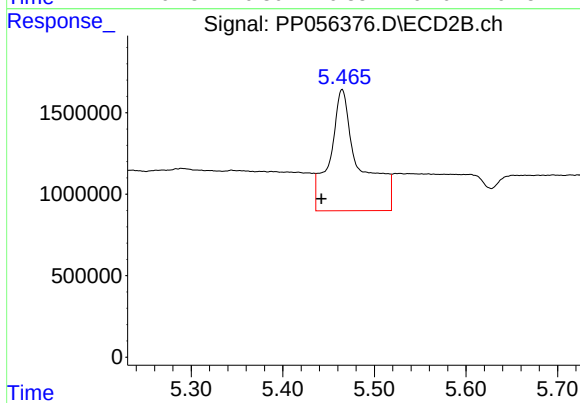
#25 AR-1248-5

R.T.: 5.465 min
Delta R.T.: -0.017 min
Response: 16775418
Conc: 406.21 ng/ml



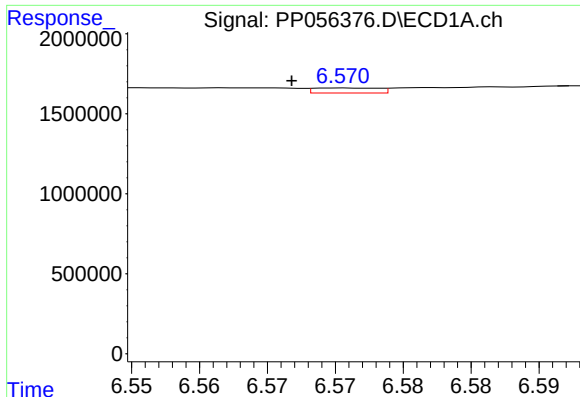
#26 AR-1254-1

R.T.: 6.352 min
Delta R.T.: 0.006 min
Response: 11873871
Conc: 157.31 ng/ml



#26 AR-1254-1

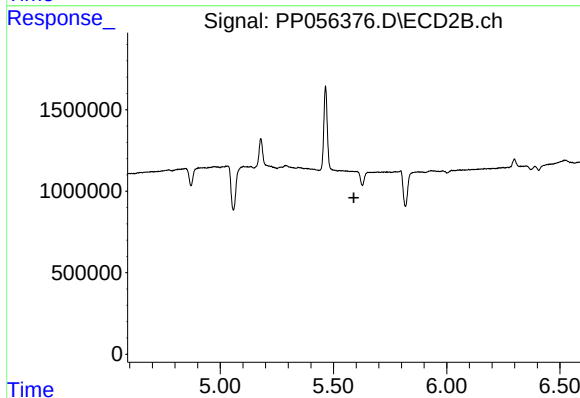
R.T.: 5.465 min
Delta R.T.: 0.023 min
Response: 16775418
Conc: 233.75 ng/ml



#27 AR-1254-2

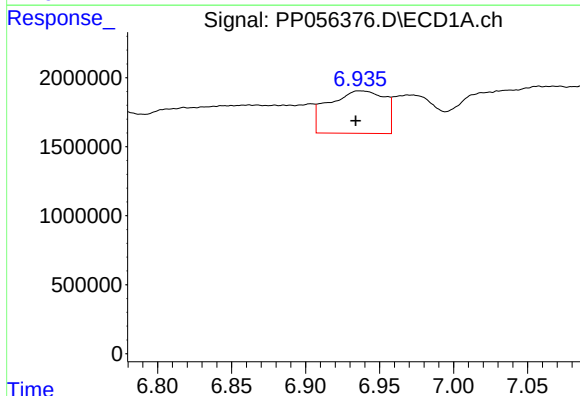
R.T.: 6.571 min
Delta R.T.: 0.004 min
Response: 102475
Conc: 0.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



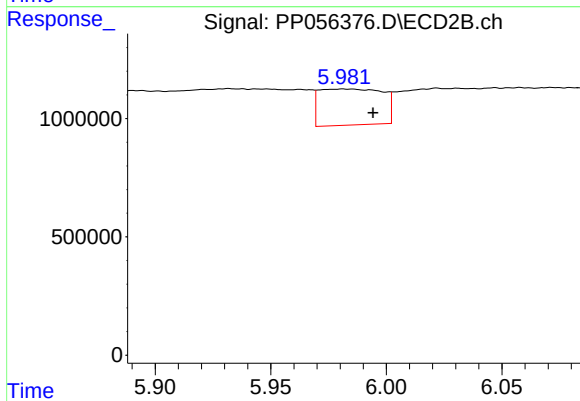
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 5.590 min
Response: 0
Conc: N.D.



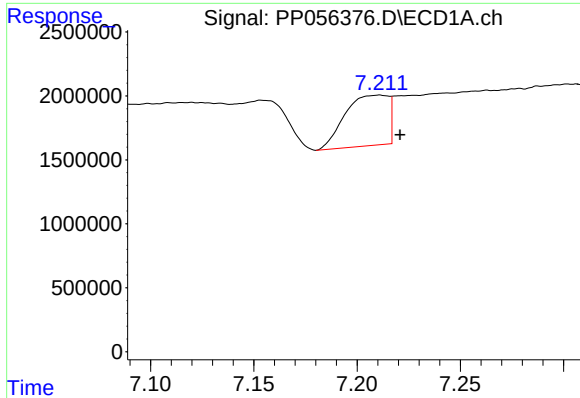
#28 AR-1254-3

R.T.: 6.936 min
Delta R.T.: 0.002 min
Response: 8087743
Conc: 65.95 ng/ml



#28 AR-1254-3

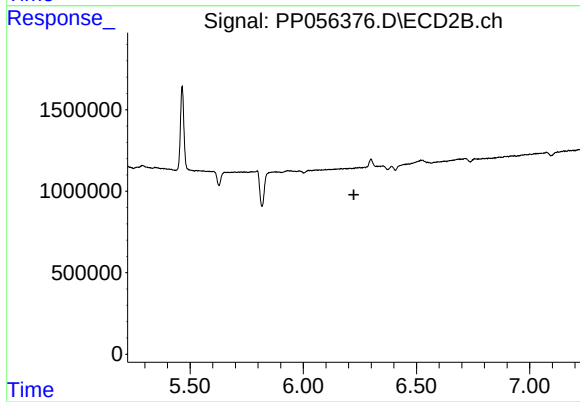
R.T.: 5.982 min
Delta R.T.: -0.013 min
Response: 2902347
Conc: 31.35 ng/ml



#29 AR-1254-4

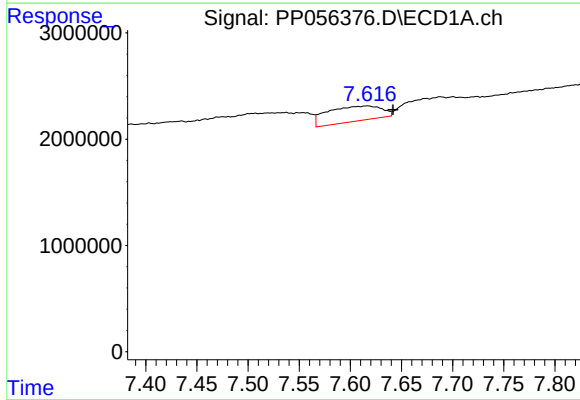
R.T.: 7.211 min
Delta R.T.: -0.010 min
Response: 5759773
Conc: 63.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



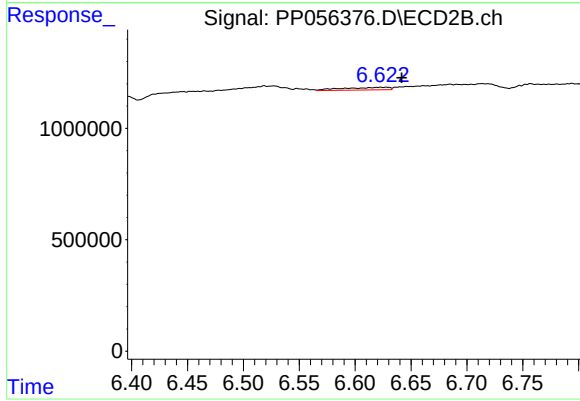
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



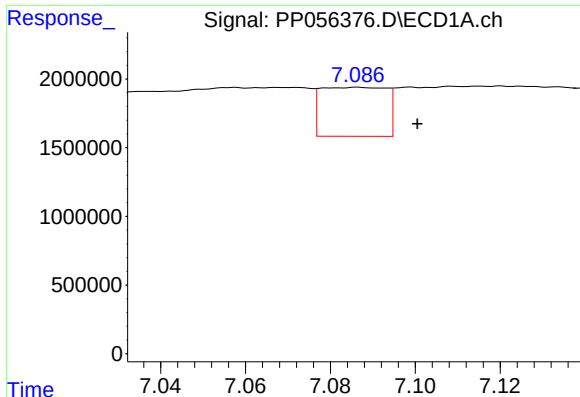
#30 AR-1254-5

R.T.: 7.617 min
Delta R.T.: -0.025 min
Response: 5237655
Conc: 50.66 ng/ml



#30 AR-1254-5

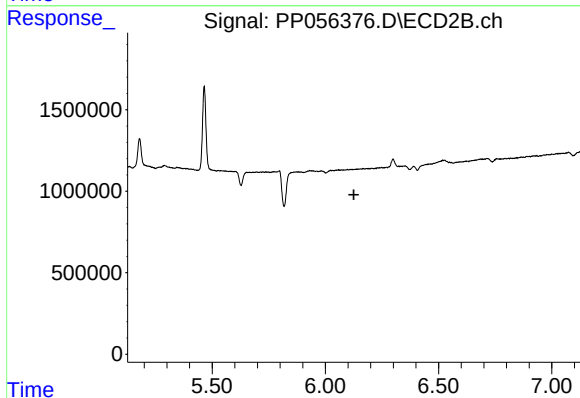
R.T.: 6.625 min
Delta R.T.: -0.016 min
Response: 336516
Conc: 4.31 ng/ml



#31 AR-1260-1

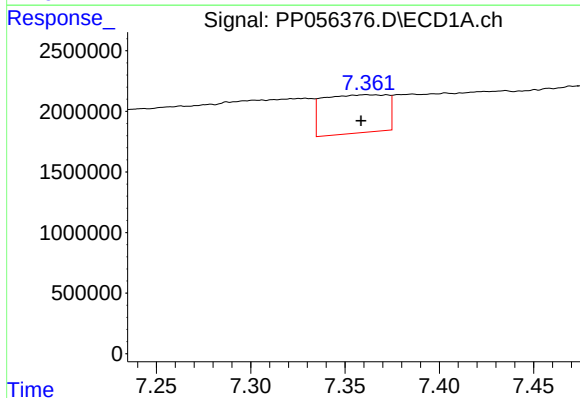
R.T.: 7.087 min
Delta R.T.: -0.014 min
Response: 3789109
Conc: 38.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



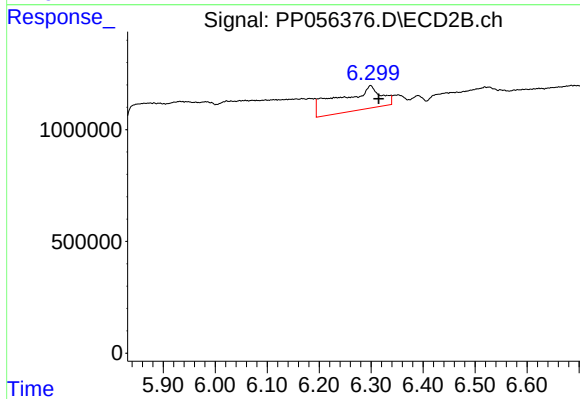
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.126 min
Response: 0
Conc: N.D.



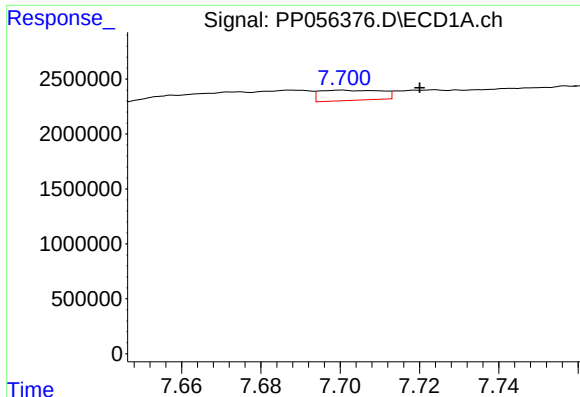
#32 AR-1260-2

R.T.: 7.361 min
Delta R.T.: 0.003 min
Response: 7421439
Conc: 63.98 ng/ml



#32 AR-1260-2

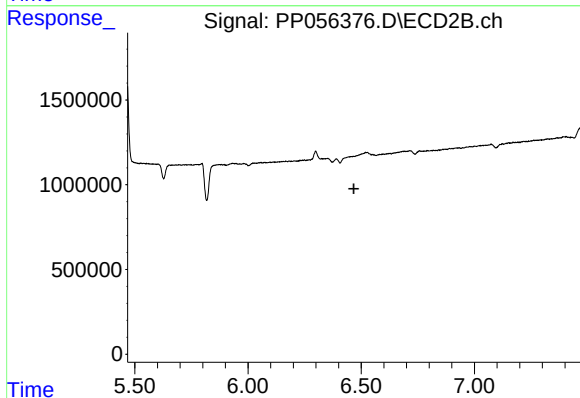
R.T.: 6.299 min
Delta R.T.: -0.016 min
Response: 5892049
Conc: 77.02 ng/ml



#33 AR-1260-3

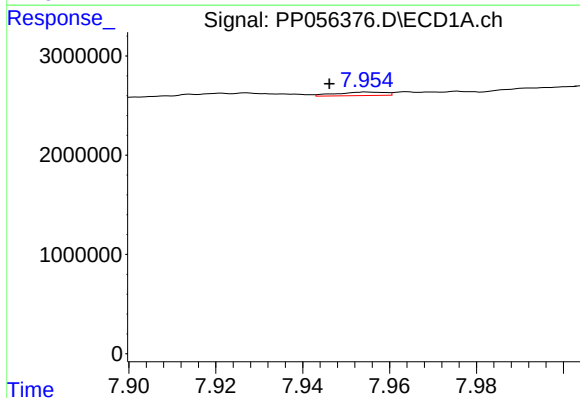
R.T.: 7.700 min
Delta R.T.: -0.020 min
Response: 1005713
Conc: 11.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



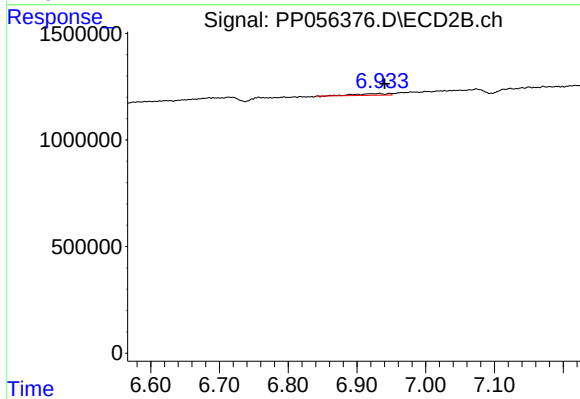
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.468 min
Response: 0
Conc: N.D.



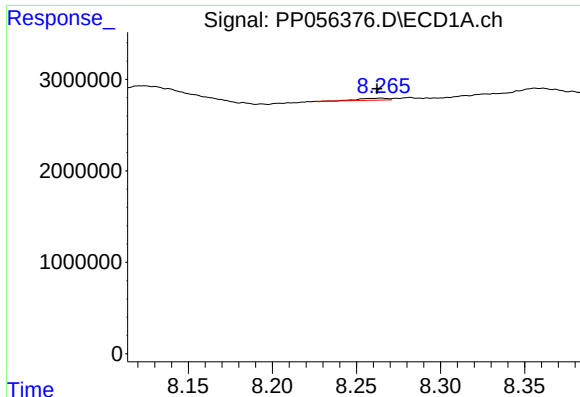
#34 AR-1260-4

R.T.: 7.955 min
Delta R.T.: 0.009 min
Response: 271860
Conc: 2.75 ng/ml



#34 AR-1260-4

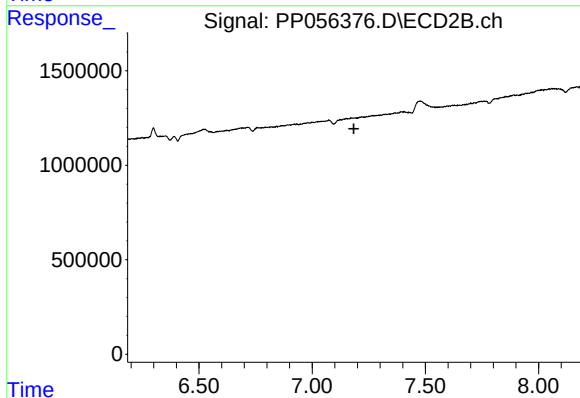
R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 258296
Conc: 4.31 ng/ml



#35 AR-1260-5

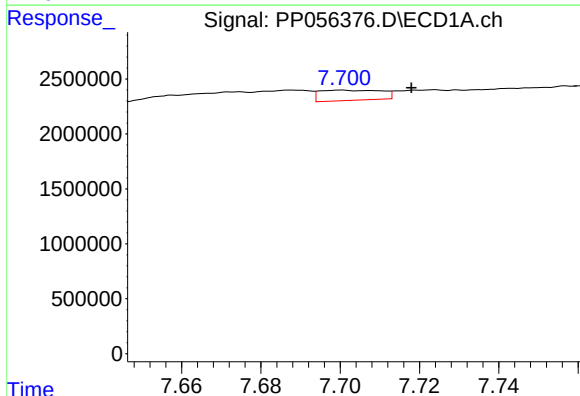
R.T.: 8.264 min
Delta R.T.: 0.002 min
Response: 250647
Conc: 1.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



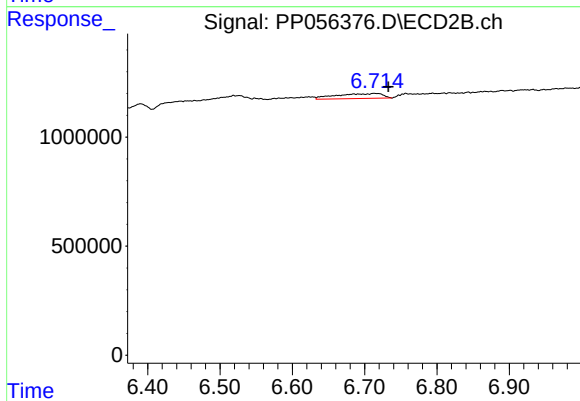
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.184 min
Response: 0
Conc: N.D.



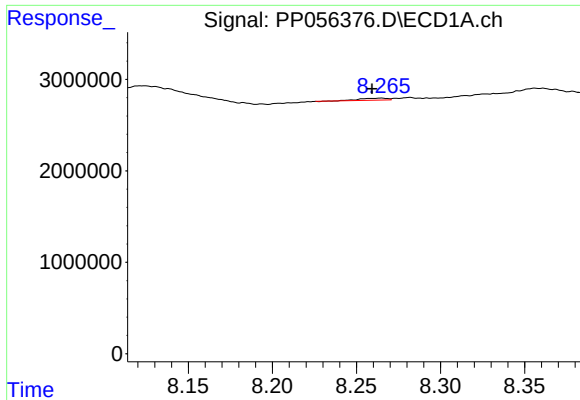
#36 AR-1262-1

R.T.: 7.700 min
Delta R.T.: -0.018 min
Response: 1005713
Conc: 8.43 ng/ml



#36 AR-1262-1

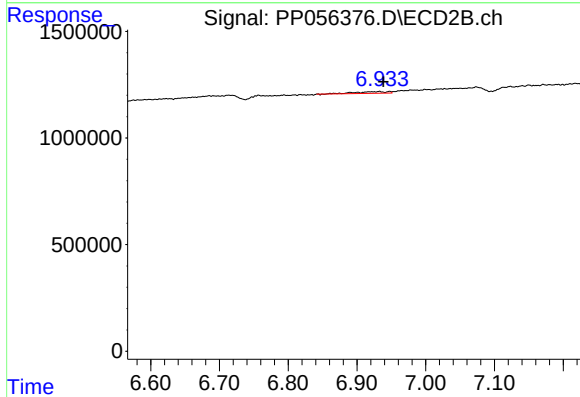
R.T.: 6.715 min
Delta R.T.: -0.018 min
Response: 1011757
Conc: 30.78 ng/ml



#37 AR-1262-2

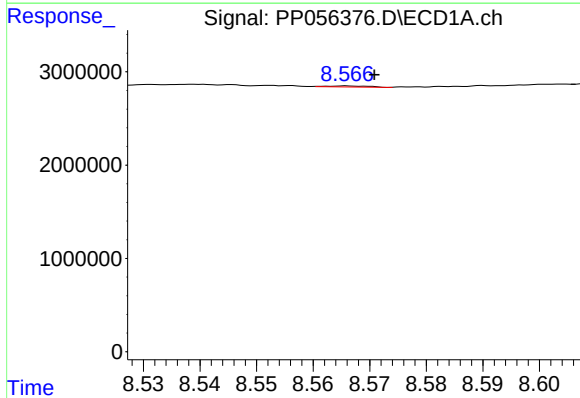
R.T.: 8.264 min
Delta R.T.: 0.005 min
Response: 250647
Conc: 1.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



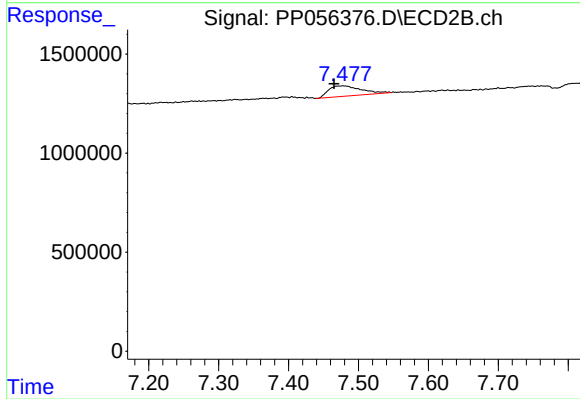
#37 AR-1262-2

R.T.: 6.932 min
Delta R.T.: -0.006 min
Response: 258296
Conc: 3.62 ng/ml



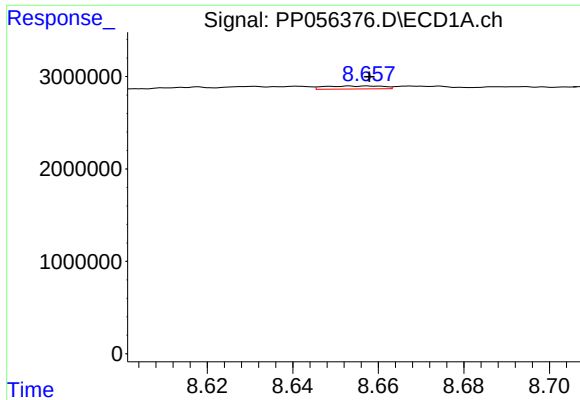
#38 AR-1262-3

R.T.: 8.566 min
Delta R.T.: -0.005 min
Response: 58460
Conc: 0.38 ng/ml



#38 AR-1262-3

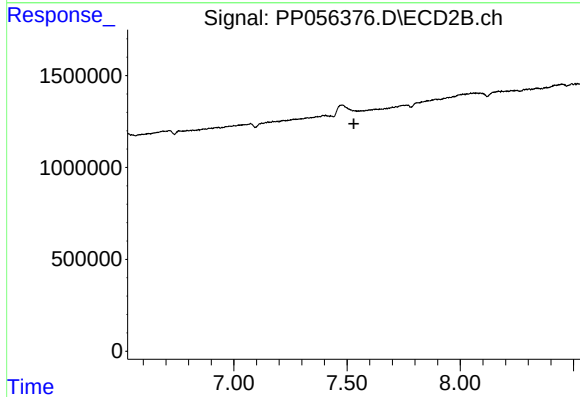
R.T.: 7.478 min
Delta R.T.: 0.013 min
Response: 1681508
Conc: 30.88 ng/ml



#39 AR-1262-4

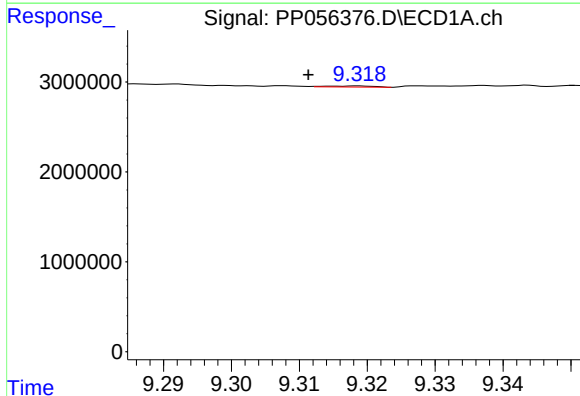
R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 311546
Conc: 3.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



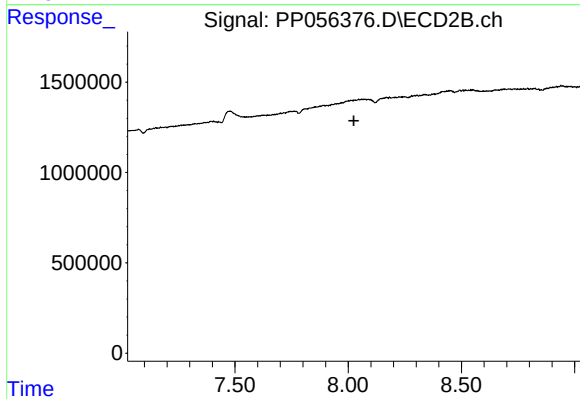
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.530 min
Response: 0
Conc: N.D.



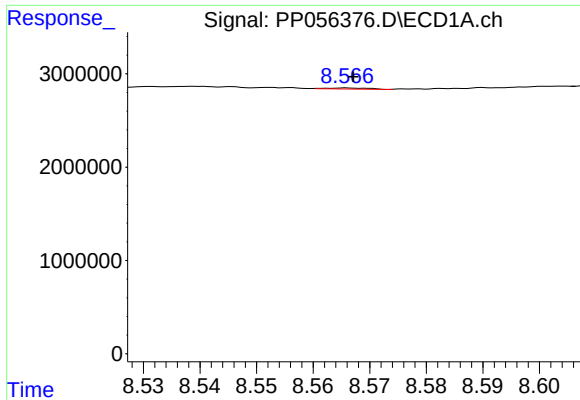
#40 AR-1262-5

R.T.: 9.318 min
Delta R.T.: 0.007 min
Response: 59055
Conc: 0.71 ng/ml



#40 AR-1262-5

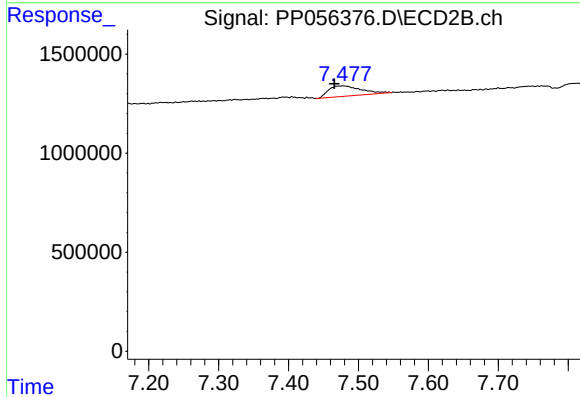
R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#41 AR-1268-1

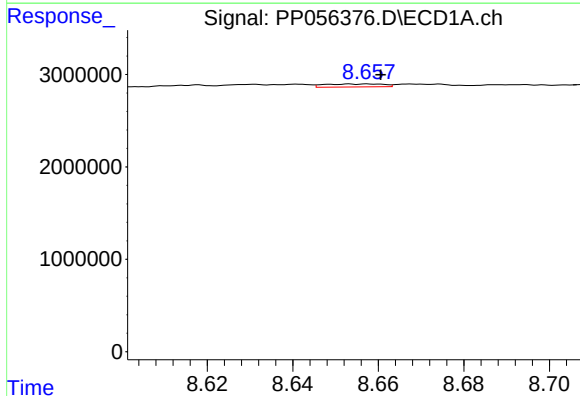
R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 58460
Conc: 0.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



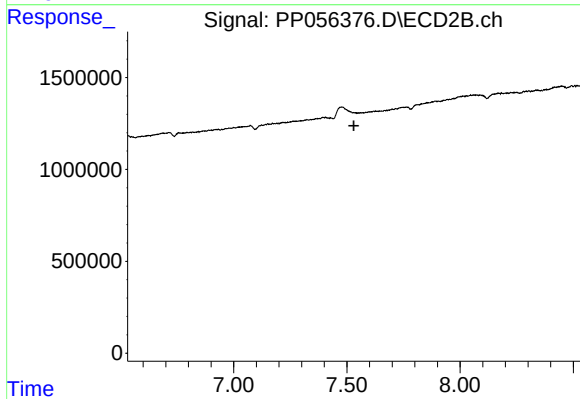
#41 AR-1268-1

R.T.: 7.478 min
Delta R.T.: 0.012 min
Response: 1681508
Conc: 9.97 ng/ml



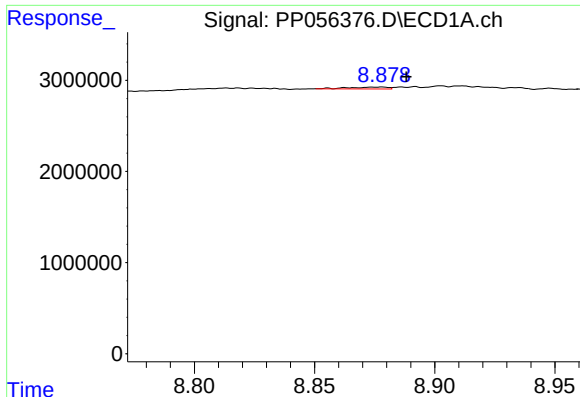
#42 AR-1268-2

R.T.: 8.658 min
Delta R.T.: -0.003 min
Response: 311546
Conc: 1.21 ng/ml



#42 AR-1268-2

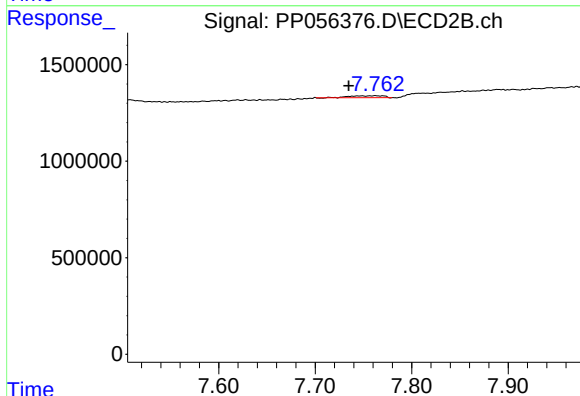
R.T.: 0.000 min
Exp R.T.: 7.531 min
Response: 0
Conc: N.D.



#43 AR-1268-3

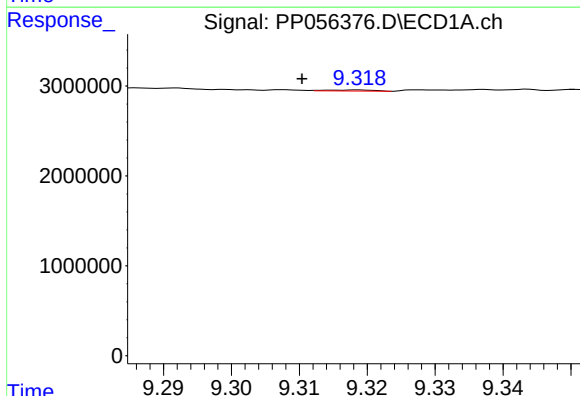
R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 229575
Conc: 1.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



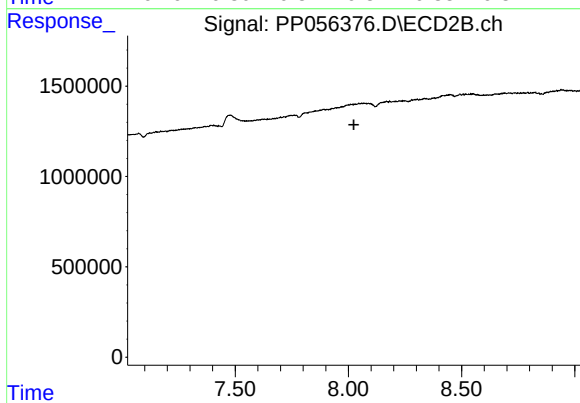
#43 AR-1268-3

R.T.: 7.762 min
Delta R.T.: 0.027 min
Response: 242526
Conc: 1.79 ng/ml



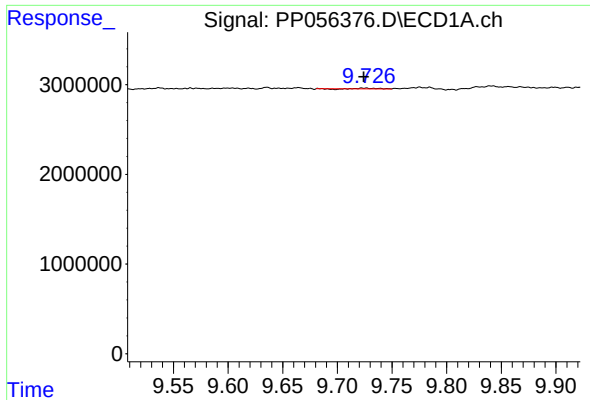
#44 AR-1268-4

R.T.: 9.318 min
Delta R.T.: 0.008 min
Response: 59055
Conc: 0.63 ng/ml



#44 AR-1268-4

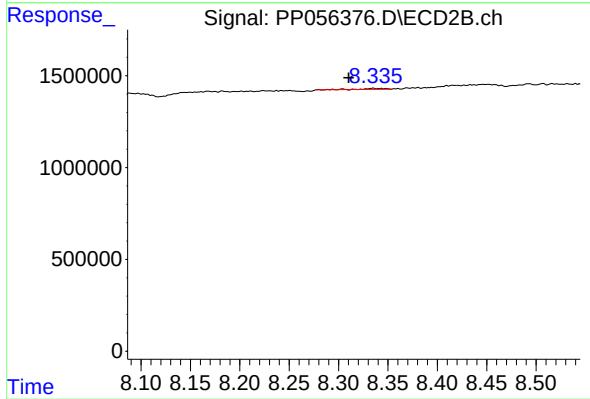
R.T.: 0.000 min
Exp R.T.: 8.024 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.727 min
Delta R.T.: 0.003 min
Response: 60757
Conc: 0.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: 0.025 min
Response: 77047
Conc: 0.20 ng/ml