

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122723\
 Data File : PP062667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 17:31
 Operator : YP\AJ
 Sample : 05899-24
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 GHL-SS-19-2-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 00:24:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 22 03:29:15 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...	4.397	3.684	51221295	50401681	23.560	16.889 #
2) SA Decachlor...	10.153	8.786	28760905	45447368	19.945	17.853
Target Compounds						
3) L1 AR-1016-1	5.568	4.792	1525980	2749633	22.391	29.283 #
4) L1 AR-1016-2	5.594	4.811	382631	1105549	3.771	8.255 #
5) L1 AR-1016-3	0.000	4.989	0	751159	N.D.	10.283 #
6) L1 AR-1016-4	5.762	5.035	1334296	403572	26.030	6.625 #
7) L1 AR-1016-5	6.050	5.242	4467206	1532715	84.324	19.050 #
8) L2 AR-1221-1	4.605	3.909	1336744	928395	49.044	25.584 #
9) L2 AR-1221-2	4.703	3.988	652820	1350112	32.116	48.878 #
10) L2 AR-1221-3	0.000	4.078	0	682550	N.D.	8.553 #
11) L3 AR-1232-1	0.000	4.078	0	682550	N.D.	10.553 #
12) L3 AR-1232-2	5.269f	4.811	2824674	1105549	106.528	17.552 #
13) L3 AR-1232-3	5.594	4.989	382631	751159	8.128	22.051 #
14) L3 AR-1232-4	5.762	0.000	1334296	0	55.432	N.D. #
15) L3 AR-1232-5	5.846	5.242	2865427	1532715	143.335	43.345 #
16) L4 AR-1242-1	5.568	4.792	1525980	2749633	27.227	35.783 #
17) L4 AR-1242-2	5.594	4.811	382631	1105549	4.635	10.262 #
18) L4 AR-1242-3	0.000	4.989	0	751159	N.D.	12.750 #
19) L4 AR-1242-4	5.762	0.000	1334296	0	31.861	N.D. #
20) L4 AR-1242-5	6.497	5.606	1140806	1821059	26.595	25.210
21) L5 AR-1248-1	5.568	4.792	1525980	2749633	35.362	47.393 #
22) L5 AR-1248-2	5.846	5.035	2865427	403572	42.220	4.632 #
23) L5 AR-1248-3	6.050	0.000	4467206	0	60.613	N.D. #
24) L5 AR-1248-4	6.458	5.242	1635787	1532715	21.476	14.277 #
25) L5 AR-1248-5	6.497	5.648	1140806	2623038	15.047	26.427 #
26) L6 AR-1254-1	6.431	5.606	2203046	1821059	26.696	11.471 #
27) L6 AR-1254-2	6.648	5.760	185413	1777900	1.446	12.748 #
28) L6 AR-1254-3	7.009	6.147f	592032	4698258	4.585	21.260 #
29) L6 AR-1254-4	7.311	6.400	1295482	337924	14.377	2.613 #
30) L6 AR-1254-5	7.730	6.800f	-356667	3410855	N.D.	17.776 #
31) L7 AR-1260-1	7.196f	0.000	1375464	0	13.893	N.D. #
32) L7 AR-1260-2	7.462f	6.479	497098	1693063	4.381	9.247 #
33) L7 AR-1260-3	7.807	6.661	977929	1937973	11.413	10.775
34) L7 AR-1260-4	8.012	7.106	866978	1841668	8.953	12.516 #
35) L7 AR-1260-5	8.353	7.367	-53920	1109718	N.D.	3.445 #
36) L8 AR-1262-1	0.000	6.915	0	671598	N.D.	7.559 #
37) L8 AR-1262-2	8.353	7.106f	-53920	1841668	N.D.	9.858 #
39) L8 AR-1262-4	0.000	7.707	0	900692	N.D.	3.512 #
42) L9 AR-1268-2	0.000	7.707	0	900692	N.D.	2.545 #
43) L9 AR-1268-3	0.000	7.929	0	47928	N.D.	0.153 #
45) L9 AR-1268-5	0.000	8.522	0	273730	N.D.	0.312 #

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GHL-SS-19-2-4

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122123.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 22 03:29:15 2023
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

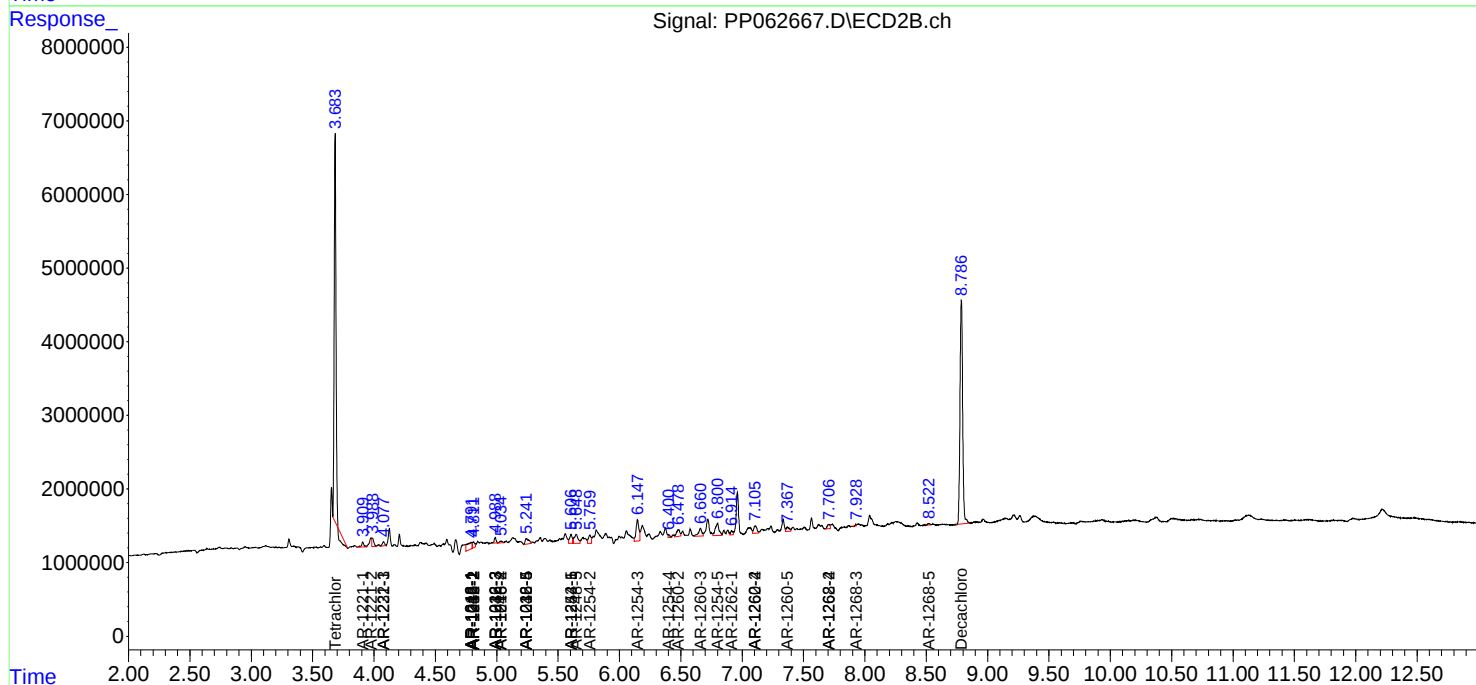
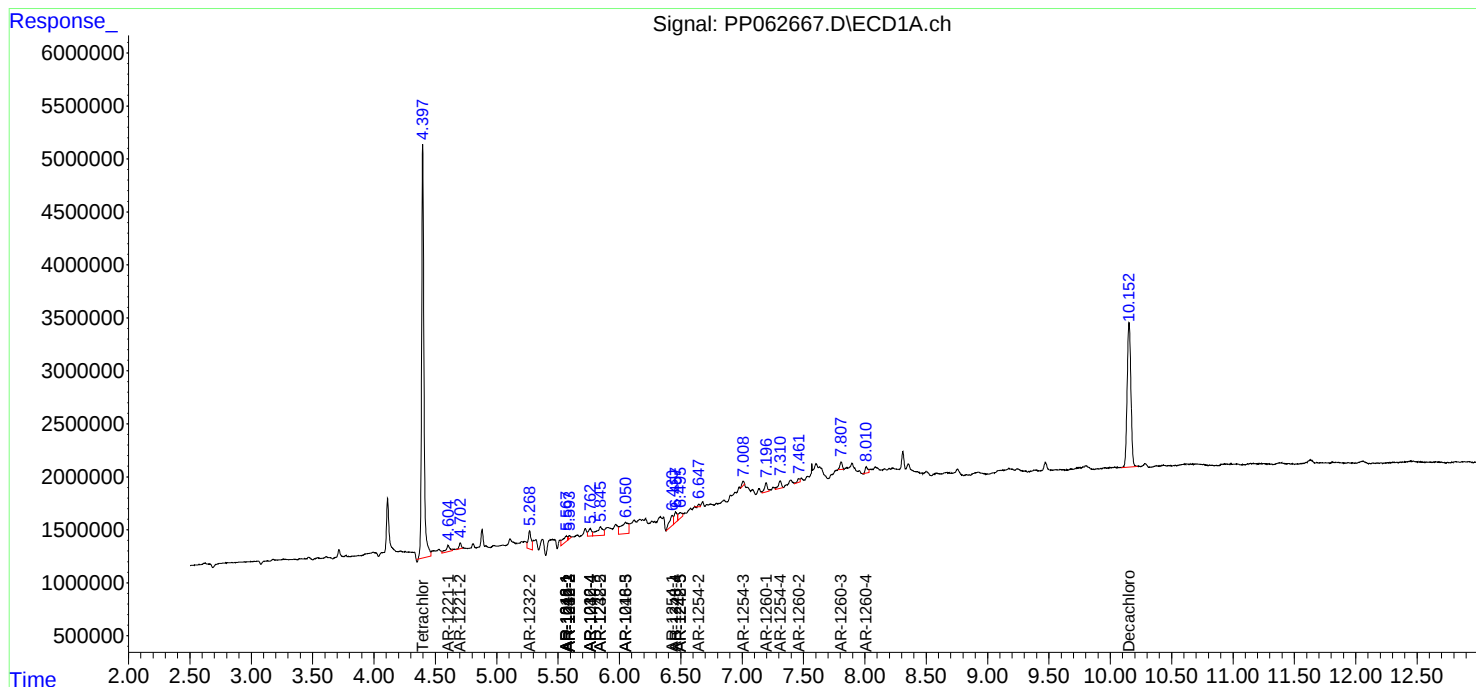
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

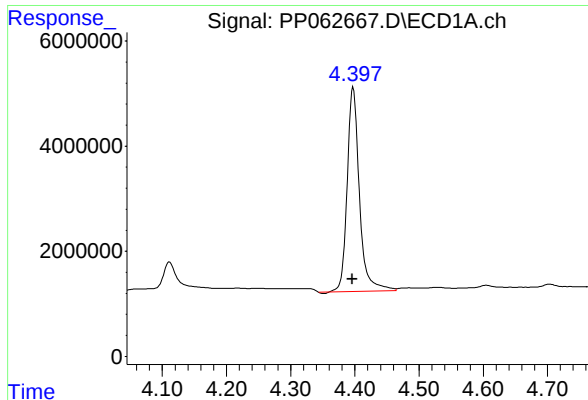
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122723\
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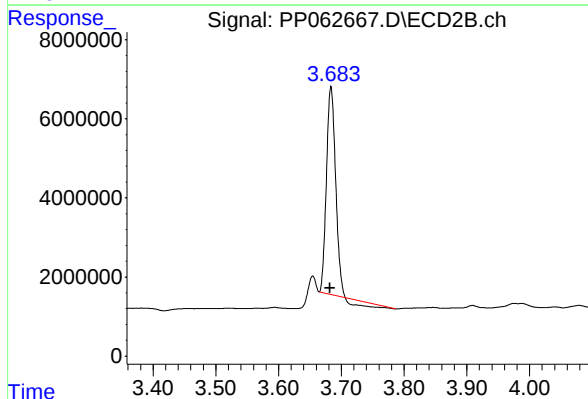




#1 Tetrachloro-m-xylene

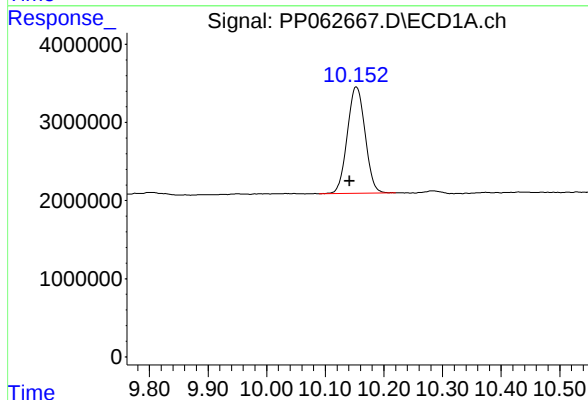
R.T.: 4.397 min
Delta R.T.: 0.001 min
Response: 51221295
Conc: 23.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



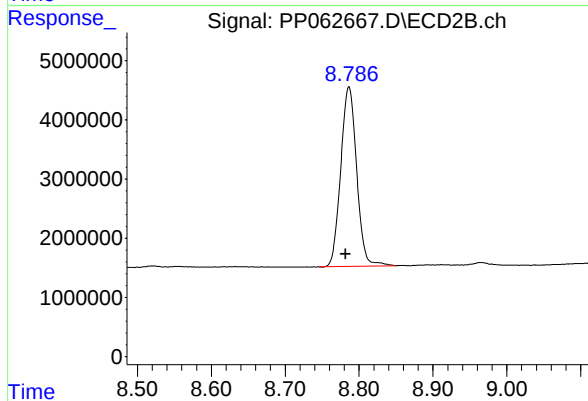
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.002 min
Response: 50401681
Conc: 16.89 ng/ml



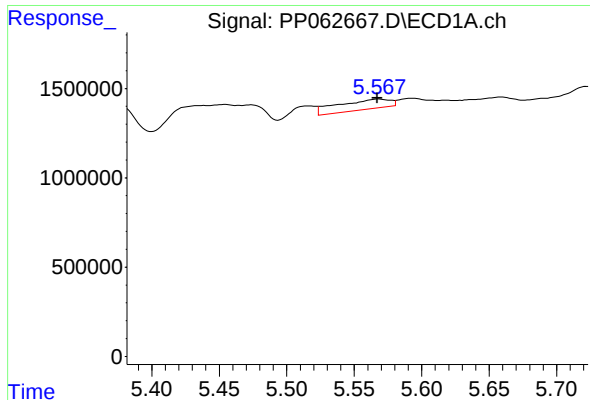
#2 Decachlorobiphenyl

R.T.: 10.153 min
Delta R.T.: 0.011 min
Response: 28760905
Conc: 19.95 ng/ml



#2 Decachlorobiphenyl

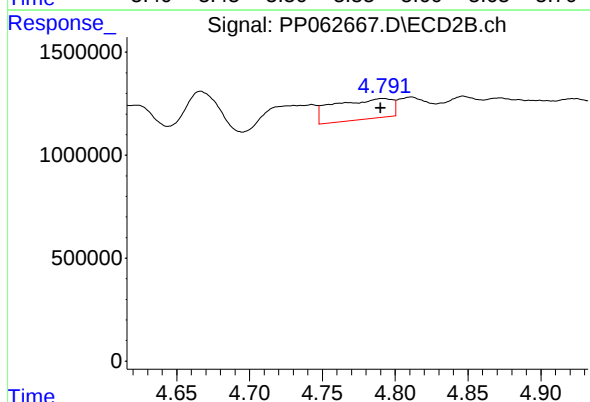
R.T.: 8.786 min
Delta R.T.: 0.005 min
Response: 45447368
Conc: 17.85 ng/ml



#3 AR-1016-1

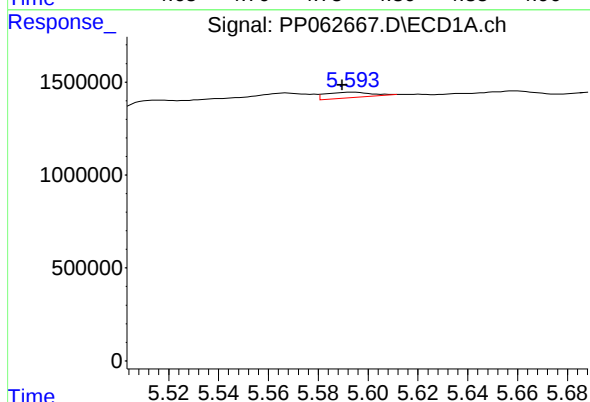
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 1525980
Conc: 22.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



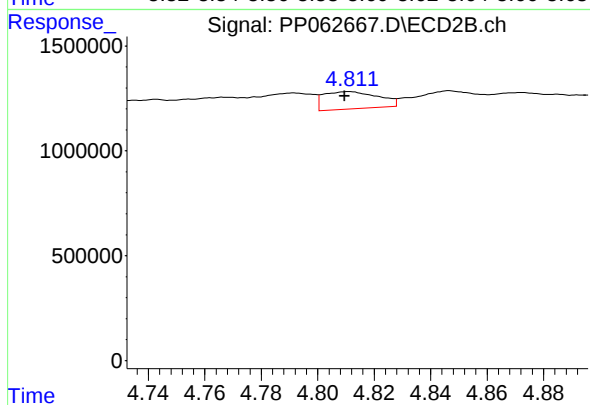
#3 AR-1016-1

R.T.: 4.792 min
Delta R.T.: 0.002 min
Response: 2749633
Conc: 29.28 ng/ml



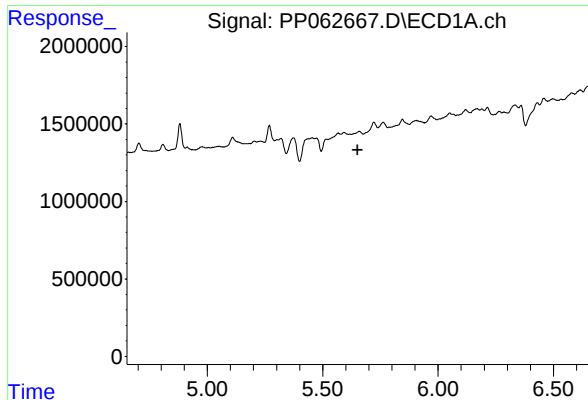
#4 AR-1016-2

R.T.: 5.594 min
Delta R.T.: 0.004 min
Response: 382631
Conc: 3.77 ng/ml



#4 AR-1016-2

R.T.: 4.811 min
Delta R.T.: 0.002 min
Response: 1105549
Conc: 8.25 ng/ml

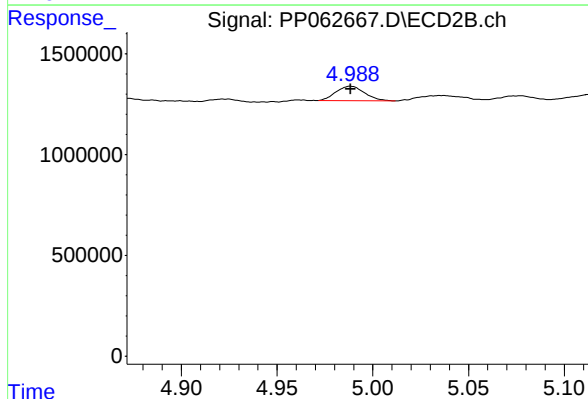


#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4

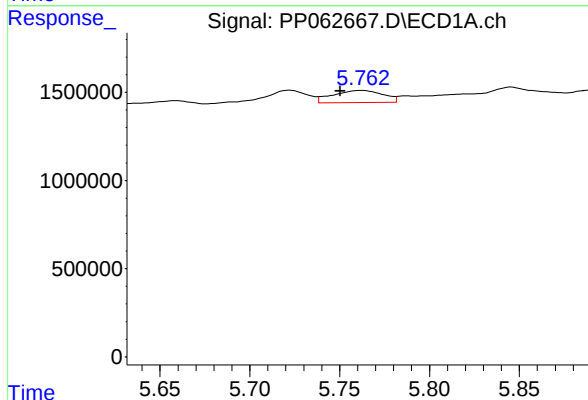
Time



#5 AR-1016-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 751159
Conc: 10.28 ng/ml

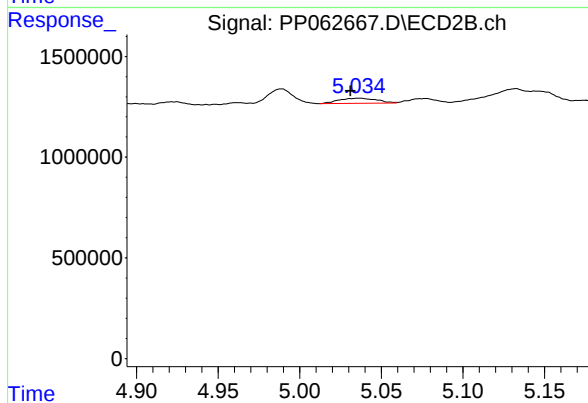
Time



#6 AR-1016-4

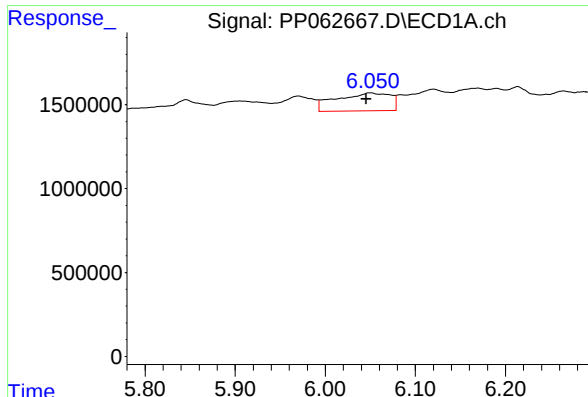
R.T.: 5.762 min
Delta R.T.: 0.012 min
Response: 1334296
Conc: 26.03 ng/ml

Time



#6 AR-1016-4

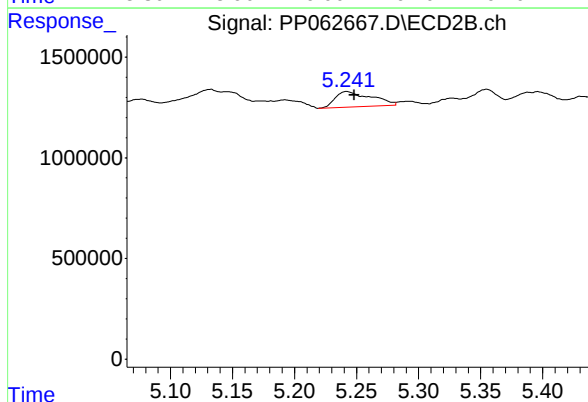
R.T.: 5.035 min
Delta R.T.: 0.004 min
Response: 403572
Conc: 6.62 ng/ml



#7 AR-1016-5

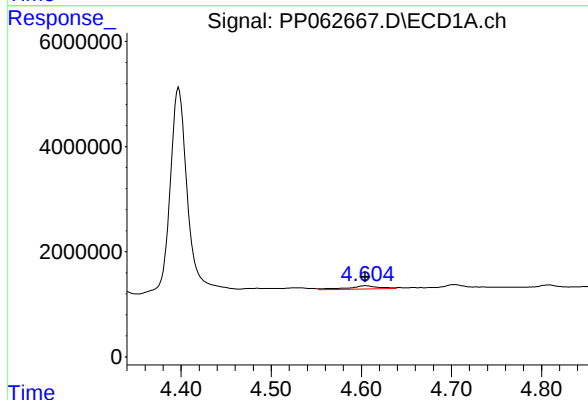
R.T.: 6.050 min
Delta R.T.: 0.004 min
Response: 4467206
Conc: 84.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



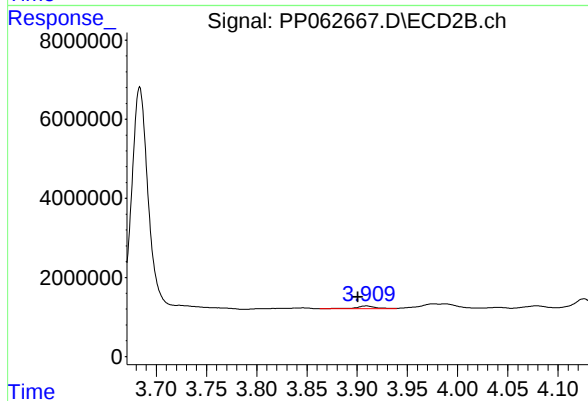
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: -0.006 min
Response: 1532715
Conc: 19.05 ng/ml



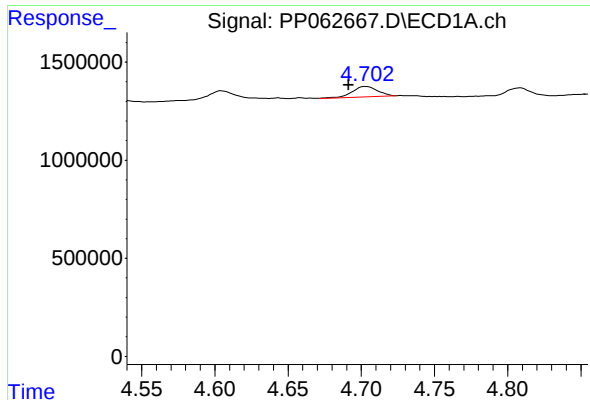
#8 AR-1221-1

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 1336744
Conc: 49.04 ng/ml



#8 AR-1221-1

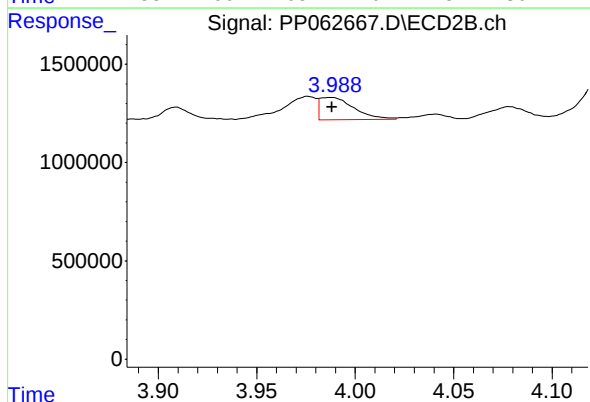
R.T.: 3.909 min
Delta R.T.: 0.008 min
Response: 928395
Conc: 25.58 ng/ml



#9 AR-1221-2

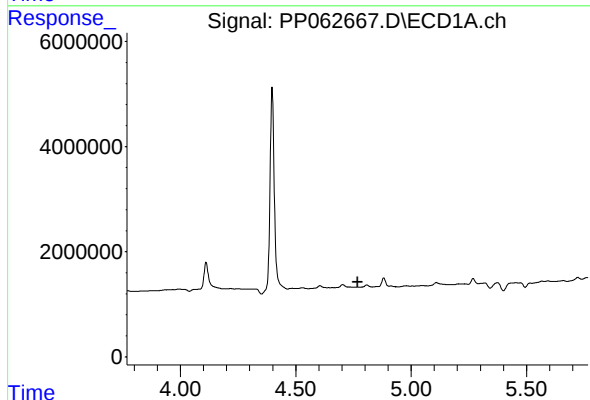
R.T.: 4.703 min
Delta R.T.: 0.012 min
Response: 652820
Conc: 32.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



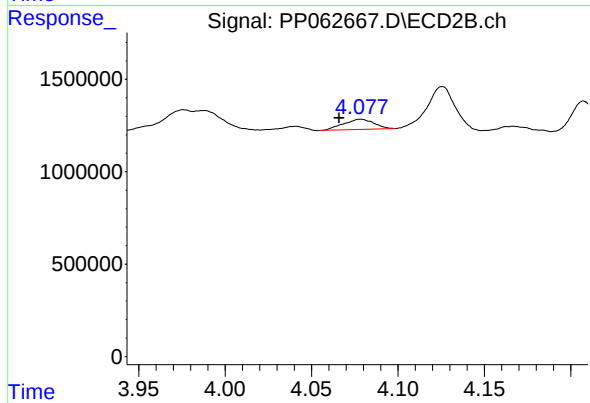
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 1350112
Conc: 48.88 ng/ml



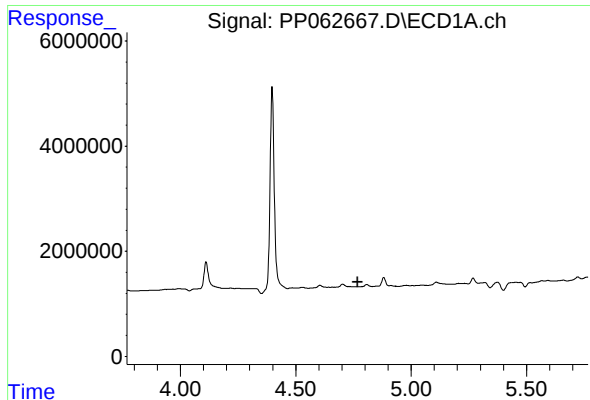
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.768 min
Response: 0
Conc: N.D.



#10 AR-1221-3

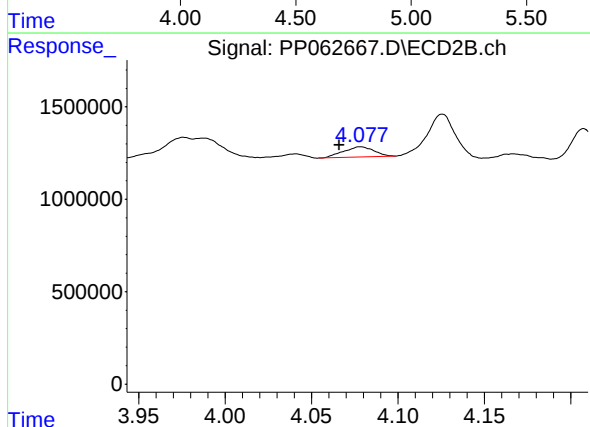
R.T.: 4.078 min
Delta R.T.: 0.012 min
Response: 682550
Conc: 8.55 ng/ml



#11 AR-1232-1

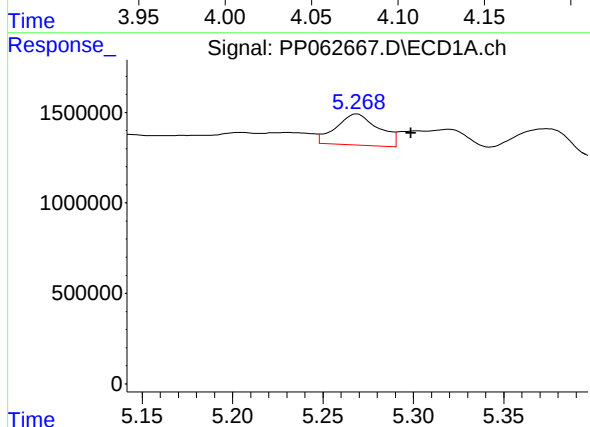
R.T.: 0.000 min
Exp R.T.: 4.768 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



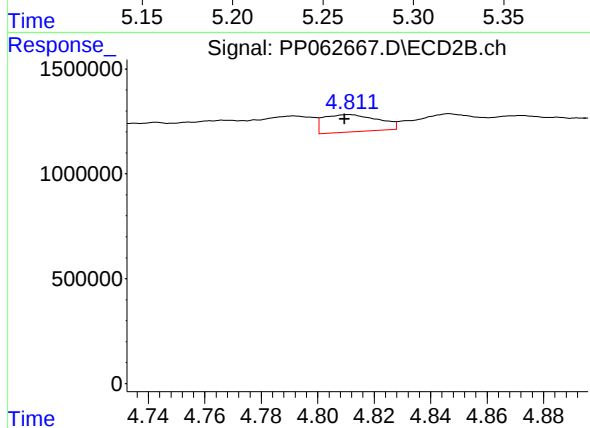
#11 AR-1232-1

R.T.: 4.078 min
Delta R.T.: 0.012 min
Response: 682550
Conc: 10.55 ng/ml



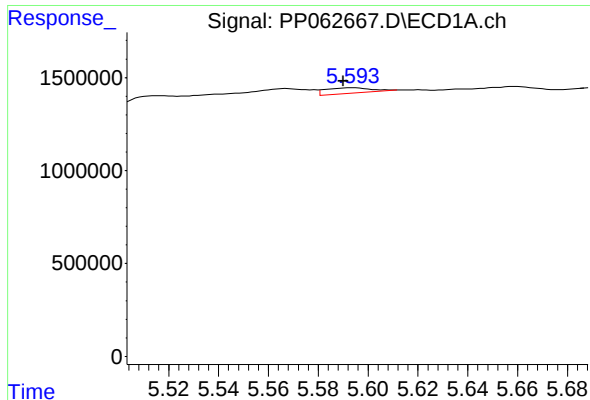
#12 AR-1232-2

R.T.: 5.269 min
Delta R.T.: -0.030 min
Response: 2824674
Conc: 106.53 ng/ml



#12 AR-1232-2

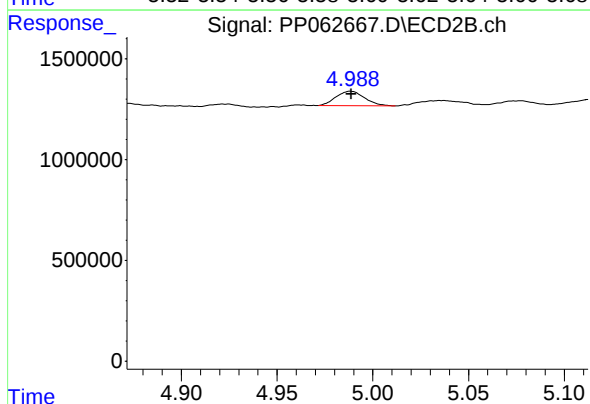
R.T.: 4.811 min
Delta R.T.: 0.002 min
Response: 1105549
Conc: 17.55 ng/ml



#13 AR-1232-3

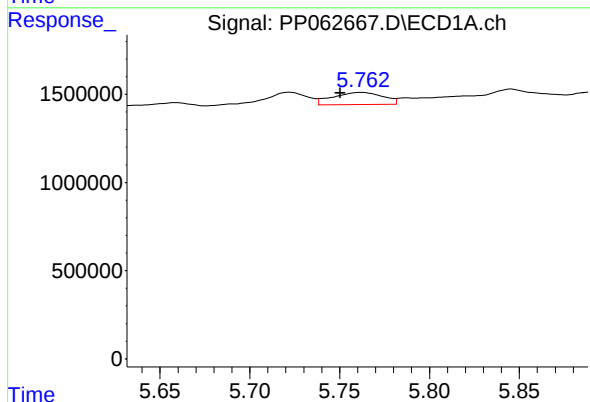
R.T.: 5.594 min
Delta R.T.: 0.004 min
Response: 382631
Conc: 8.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



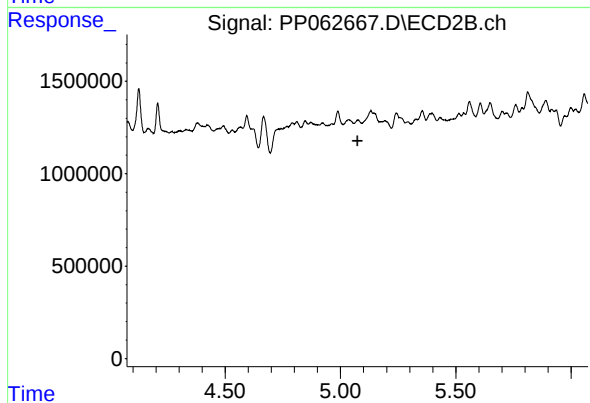
#13 AR-1232-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 751159
Conc: 22.05 ng/ml



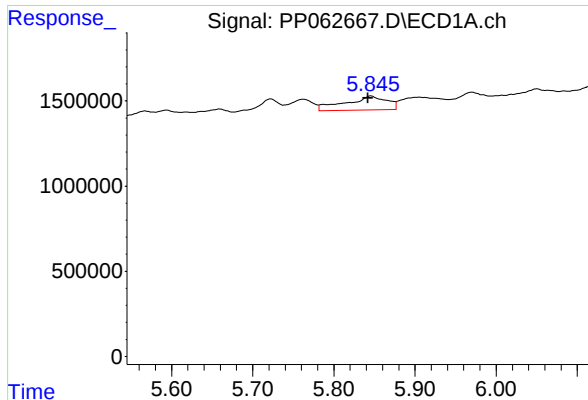
#14 AR-1232-4

R.T.: 5.762 min
Delta R.T.: 0.012 min
Response: 1334296
Conc: 55.43 ng/ml



#14 AR-1232-4

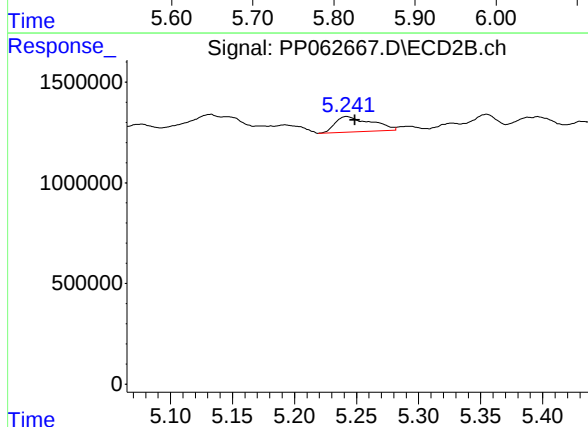
R.T.: 0.000 min
Exp R.T.: 5.074 min
Response: 0
Conc: N.D.



#15 AR-1232-5

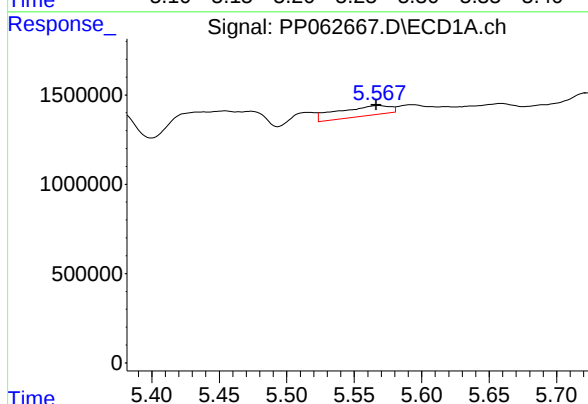
R.T.: 5.846 min
Delta R.T.: 0.004 min
Response: 2865427
Conc: 143.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



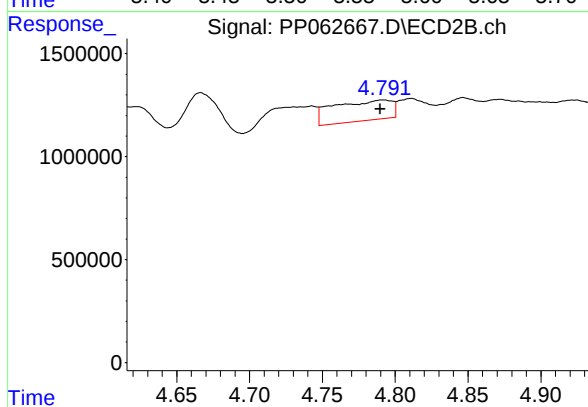
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: -0.007 min
Response: 1532715
Conc: 43.35 ng/ml



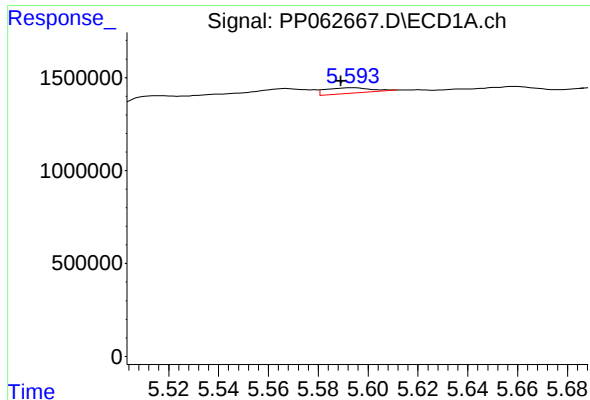
#16 AR-1242-1

R.T.: 5.568 min
Delta R.T.: 0.001 min
Response: 1525980
Conc: 27.23 ng/ml



#16 AR-1242-1

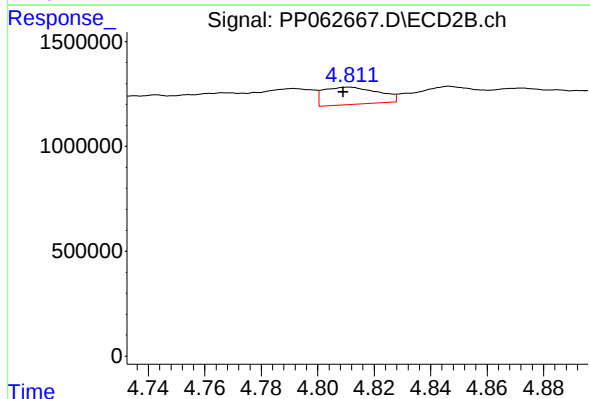
R.T.: 4.792 min
Delta R.T.: 0.002 min
Response: 2749633
Conc: 35.78 ng/ml



#17 AR-1242-2

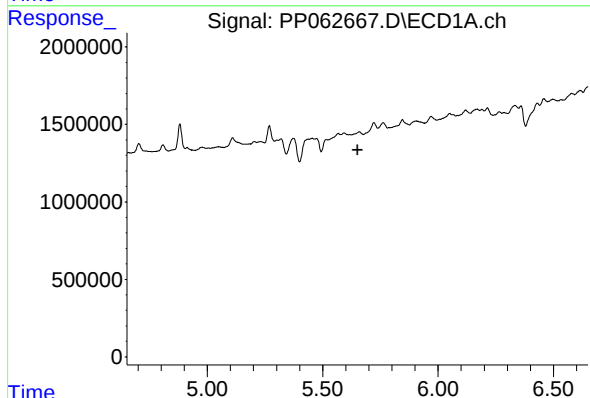
R.T.: 5.594 min
Delta R.T.: 0.005 min
Response: 382631
Conc: 4.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



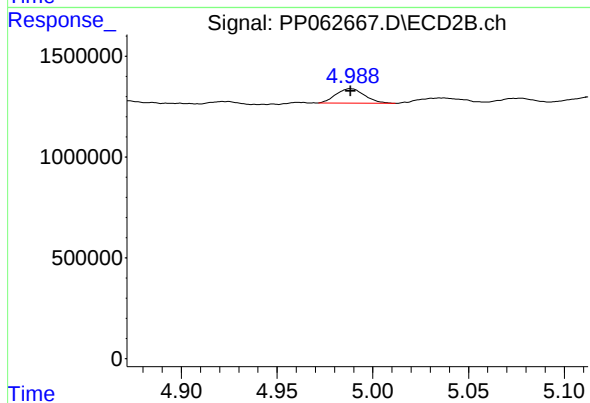
#17 AR-1242-2

R.T.: 4.811 min
Delta R.T.: 0.002 min
Response: 1105549
Conc: 10.26 ng/ml



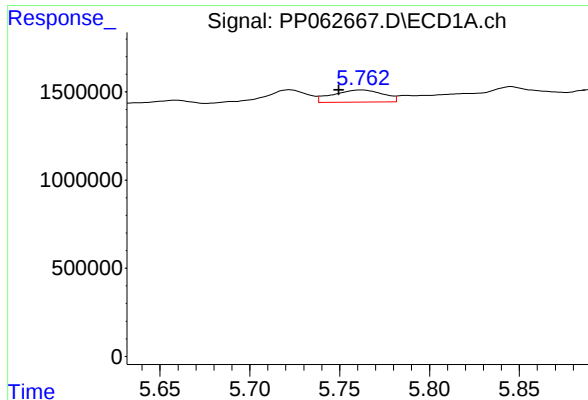
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.651 min
Response: 0
Conc: N.D.



#18 AR-1242-3

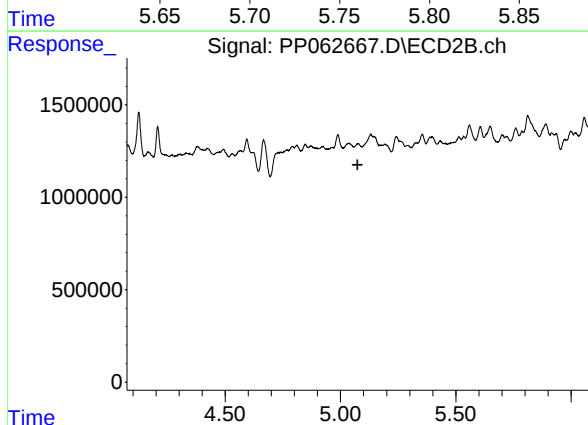
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 751159
Conc: 12.75 ng/ml



#19 AR-1242-4

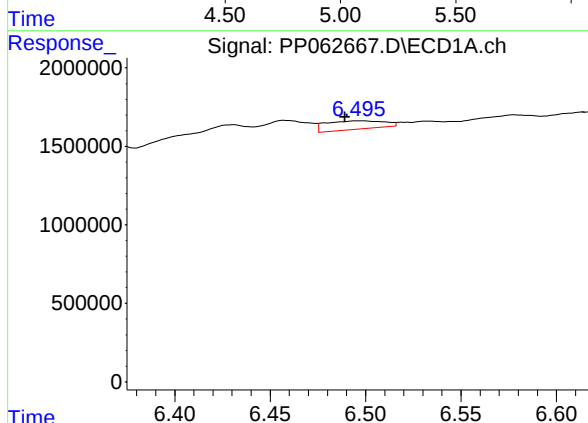
R.T.: 5.762 min
Delta R.T.: 0.013 min
Response: 1334296
Conc: 31.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



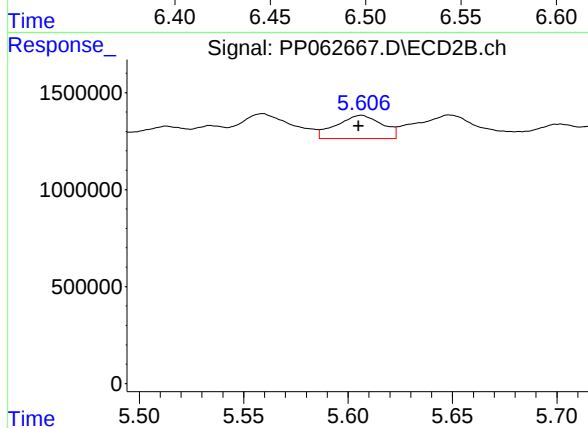
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.073 min
Response: 0
Conc: N.D.



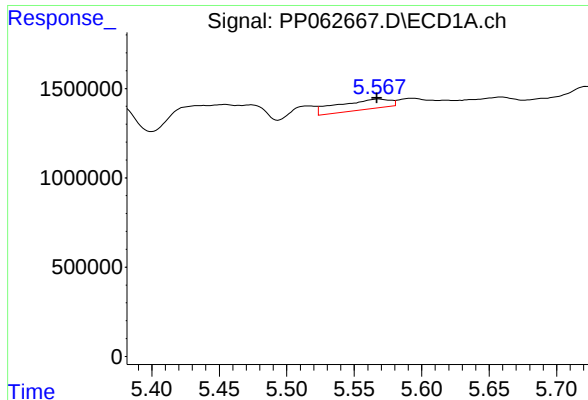
#20 AR-1242-5

R.T.: 6.497 min
Delta R.T.: 0.008 min
Response: 1140806
Conc: 26.60 ng/ml



#20 AR-1242-5

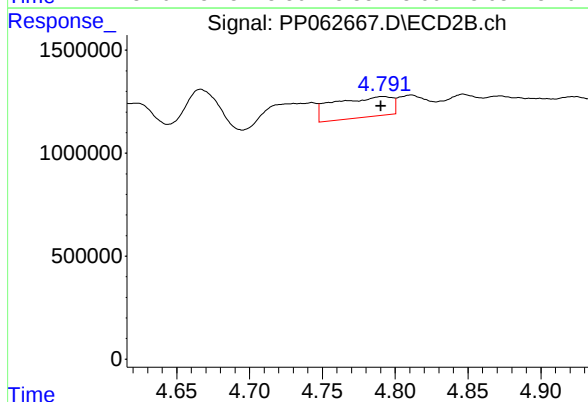
R.T.: 5.606 min
Delta R.T.: 0.001 min
Response: 1821059
Conc: 25.21 ng/ml



#21 AR-1248-1

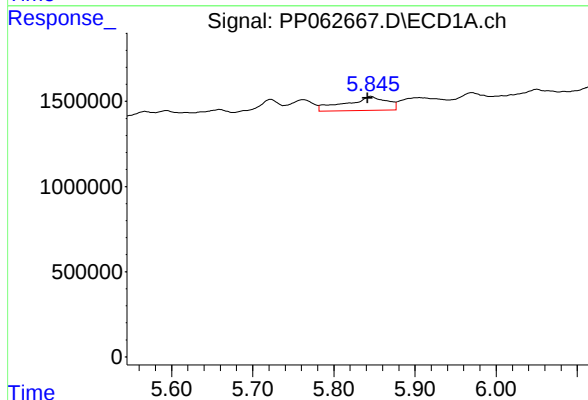
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 1525980
Conc: 35.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



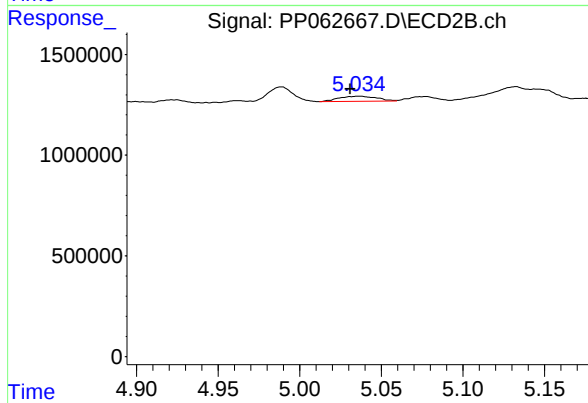
#21 AR-1248-1

R.T.: 4.792 min
Delta R.T.: 0.002 min
Response: 2749633
Conc: 47.39 ng/ml



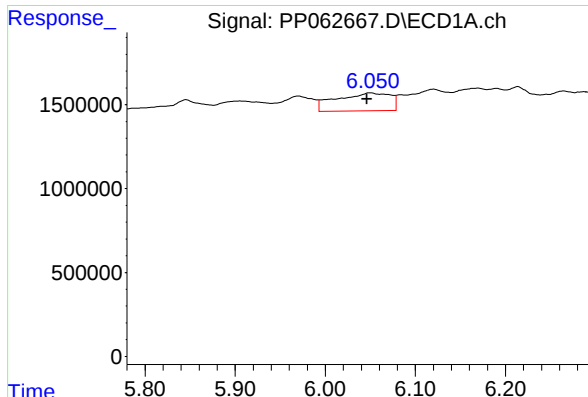
#22 AR-1248-2

R.T.: 5.846 min
Delta R.T.: 0.004 min
Response: 2865427
Conc: 42.22 ng/ml



#22 AR-1248-2

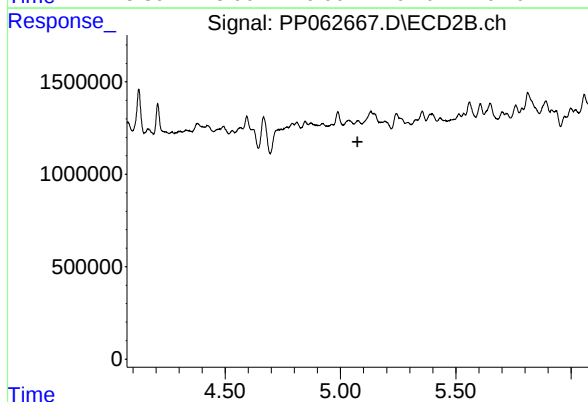
R.T.: 5.035 min
Delta R.T.: 0.004 min
Response: 403572
Conc: 4.63 ng/ml



#23 AR-1248-3

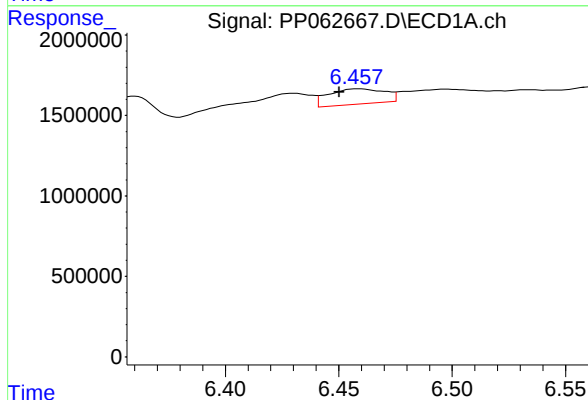
R.T.: 6.050 min
Delta R.T.: 0.004 min
Response: 4467206
Conc: 60.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



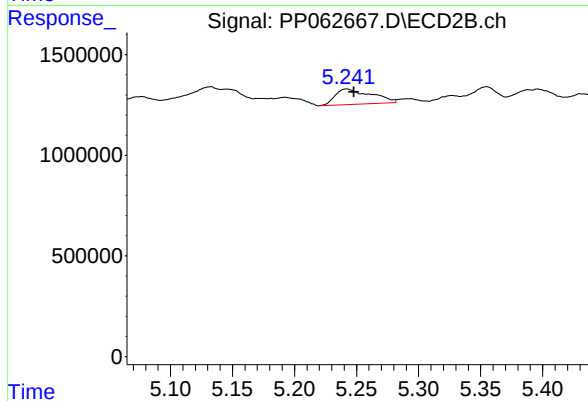
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.074 min
Response: 0
Conc: N.D.



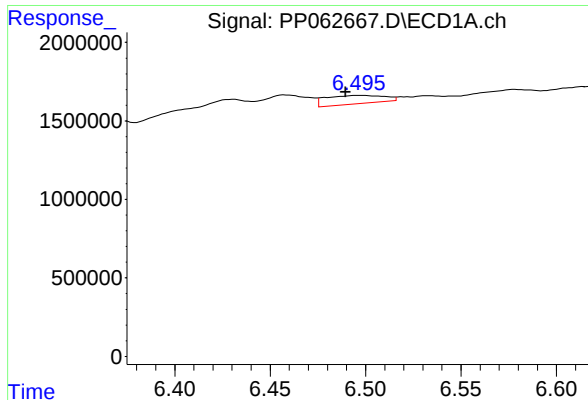
#24 AR-1248-4

R.T.: 6.458 min
Delta R.T.: 0.008 min
Response: 1635787
Conc: 21.48 ng/ml



#24 AR-1248-4

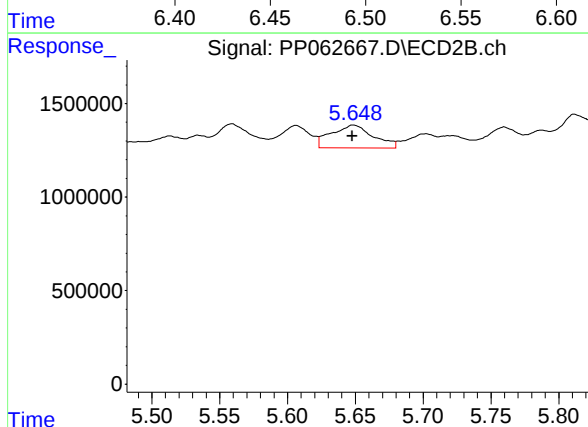
R.T.: 5.242 min
Delta R.T.: -0.006 min
Response: 1532715
Conc: 14.28 ng/ml



#25 AR-1248-5

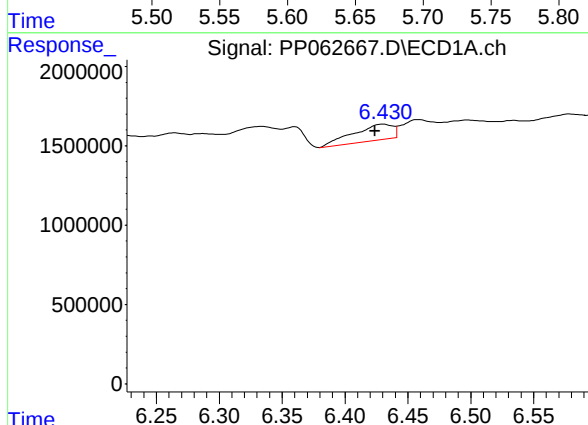
R.T.: 6.497 min
Delta R.T.: 0.007 min
Response: 1140806
Conc: 15.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



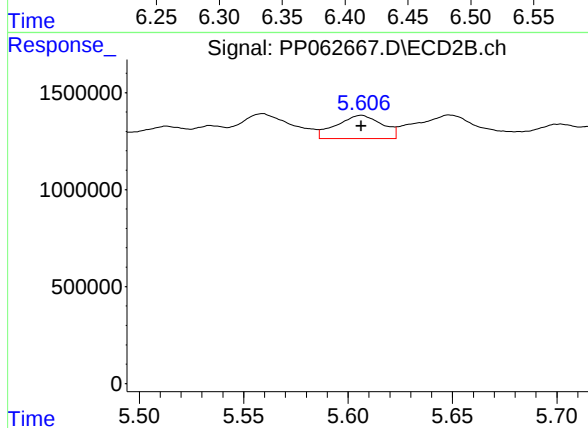
#25 AR-1248-5

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 2623038
Conc: 26.43 ng/ml



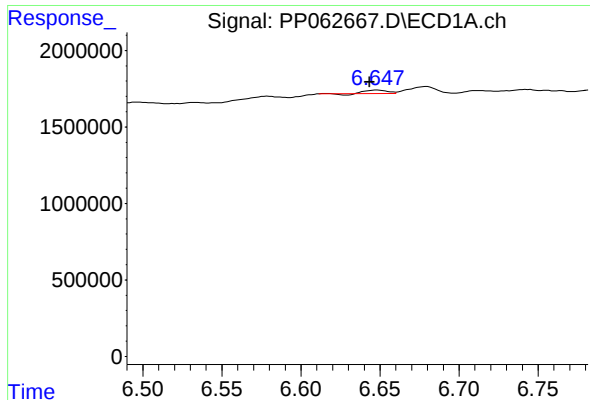
#26 AR-1254-1

R.T.: 6.431 min
Delta R.T.: 0.007 min
Response: 2203046
Conc: 26.70 ng/ml



#26 AR-1254-1

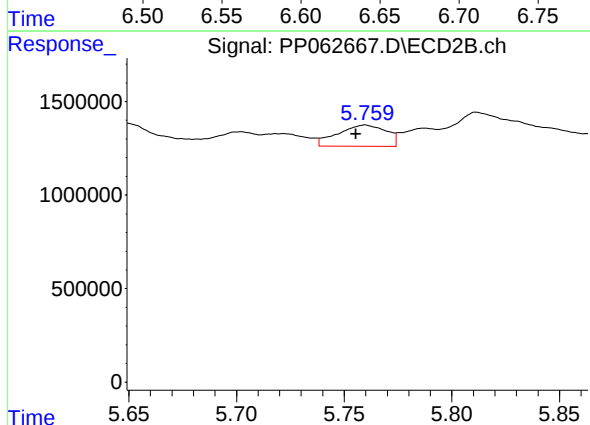
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1821059
Conc: 11.47 ng/ml



#27 AR-1254-2

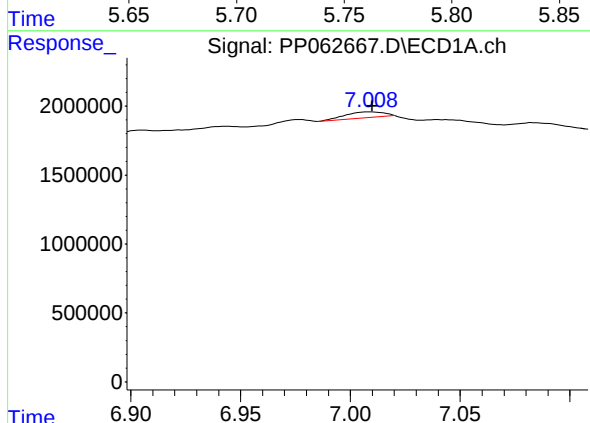
R.T.: 6.648 min
Delta R.T.: 0.004 min
Response: 185413
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



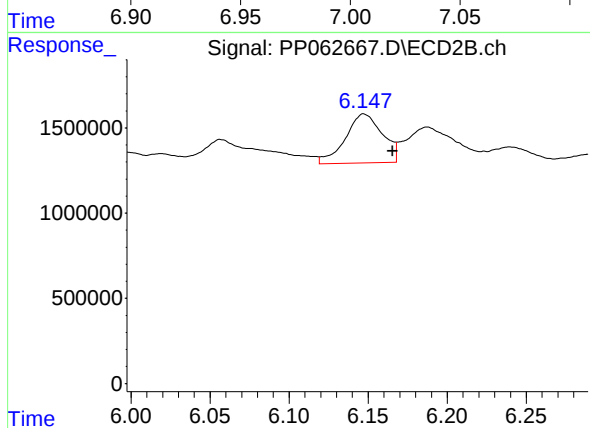
#27 AR-1254-2

R.T.: 5.760 min
Delta R.T.: 0.004 min
Response: 1777900
Conc: 12.75 ng/ml



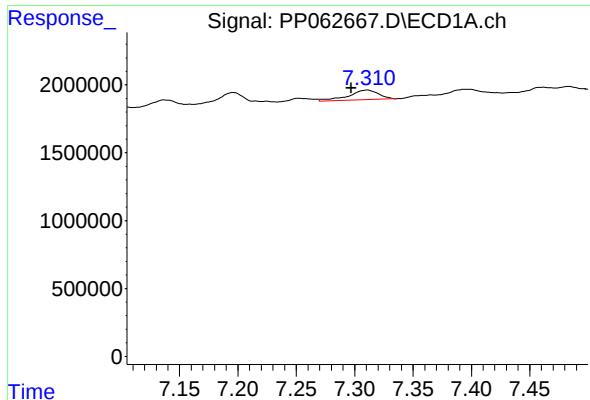
#28 AR-1254-3

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 592032
Conc: 4.59 ng/ml



#28 AR-1254-3

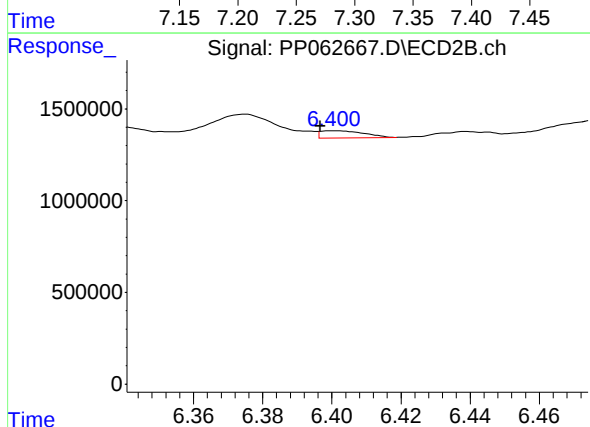
R.T.: 6.147 min
Delta R.T.: -0.018 min
Response: 4698258
Conc: 21.26 ng/ml



#29 AR-1254-4

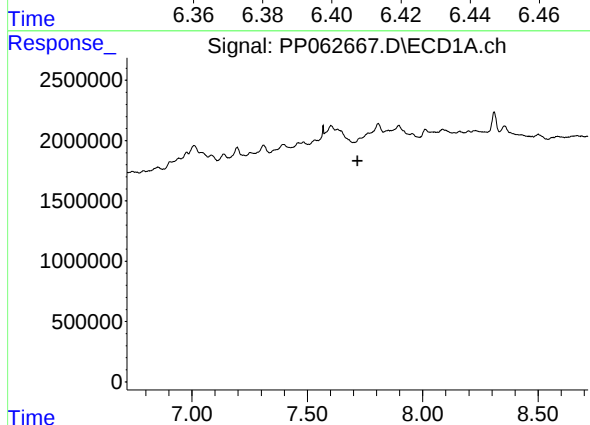
R.T.: 7.311 min
Delta R.T.: 0.013 min
Response: 1295482
Conc: 14.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



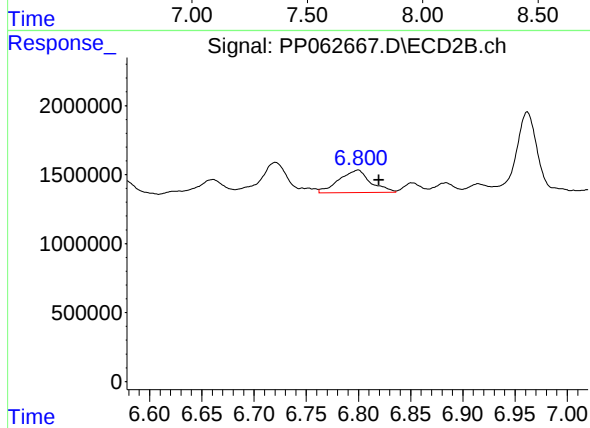
#29 AR-1254-4

R.T.: 6.400 min
Delta R.T.: 0.004 min
Response: 337924
Conc: 2.61 ng/ml



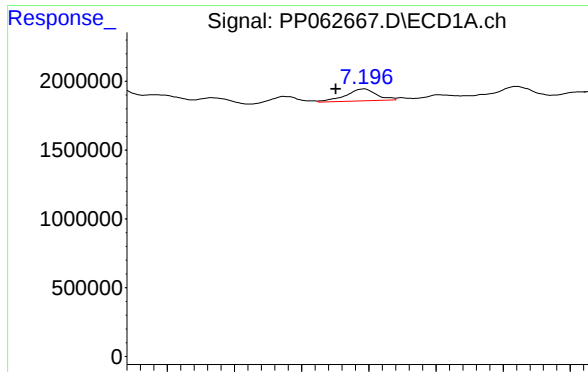
#30 AR-1254-5

R.T.: 7.730 min
Delta R.T.: 0.012 min
Response: -356667
Conc: N.D.



#30 AR-1254-5

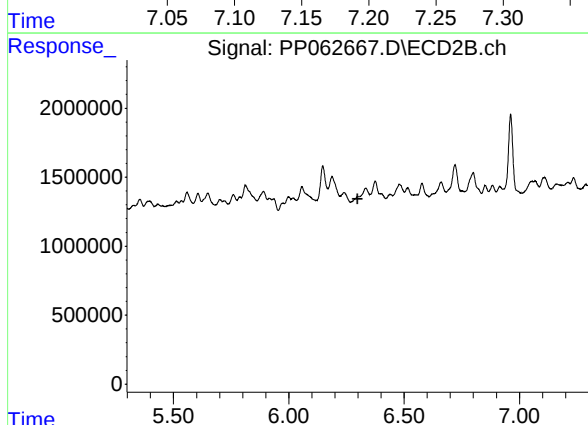
R.T.: 6.800 min
Delta R.T.: -0.020 min
Response: 3410855
Conc: 17.78 ng/ml



#31 AR-1260-1

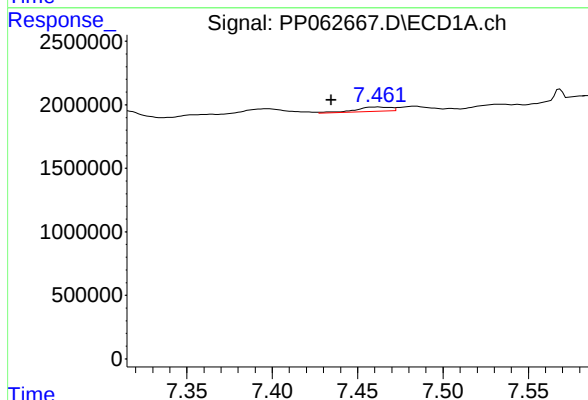
R.T.: 7.196 min
Delta R.T.: 0.021 min
Response: 1375464
Conc: 13.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



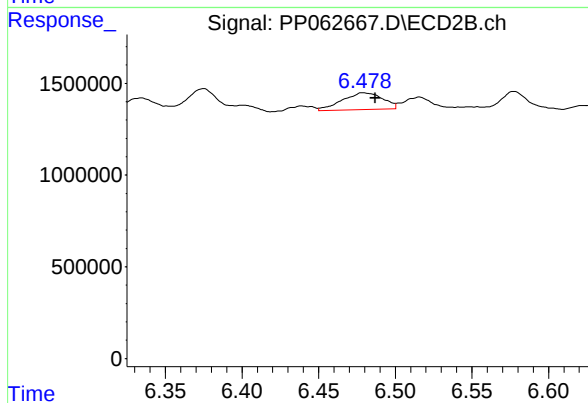
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.298 min
Response: 0
Conc: N.D.



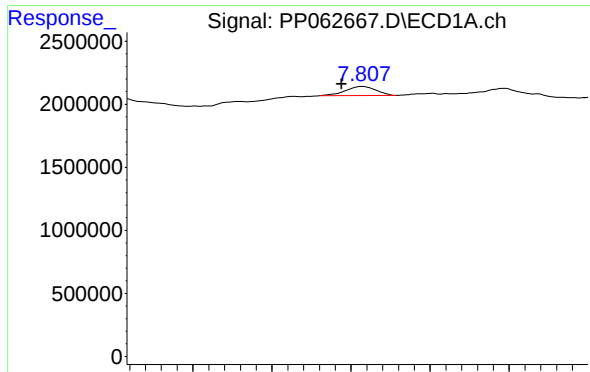
#32 AR-1260-2

R.T.: 7.462 min
Delta R.T.: 0.027 min
Response: 497098
Conc: 4.38 ng/ml



#32 AR-1260-2

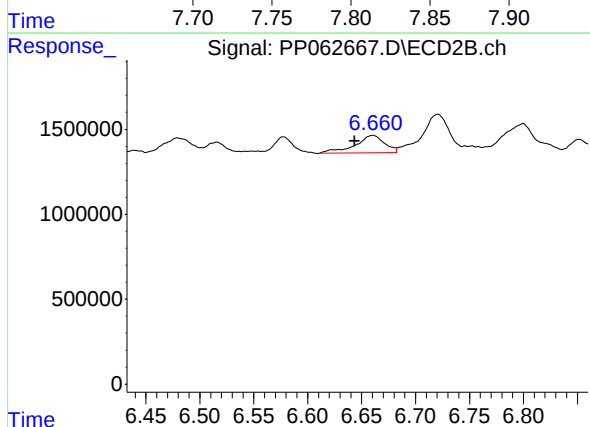
R.T.: 6.479 min
Delta R.T.: -0.008 min
Response: 1693063
Conc: 9.25 ng/ml



#33 AR-1260-3

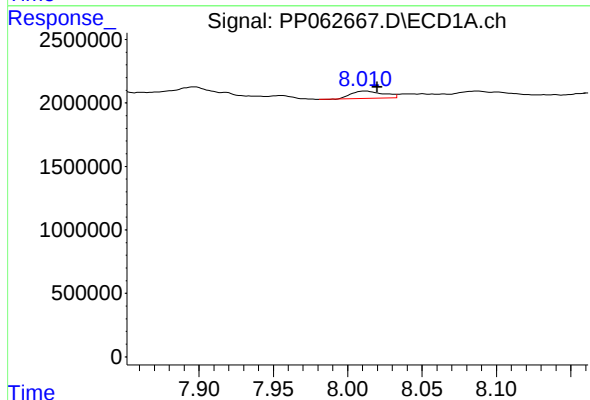
R.T.: 7.807 min
Delta R.T.: 0.013 min
Response: 977929
Conc: 11.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



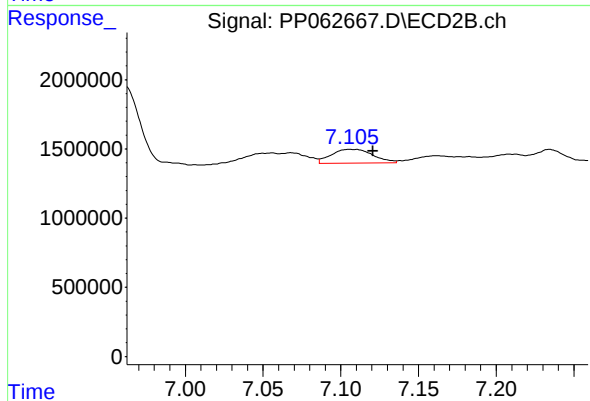
#33 AR-1260-3

R.T.: 6.661 min
Delta R.T.: 0.017 min
Response: 1937973
Conc: 10.77 ng/ml



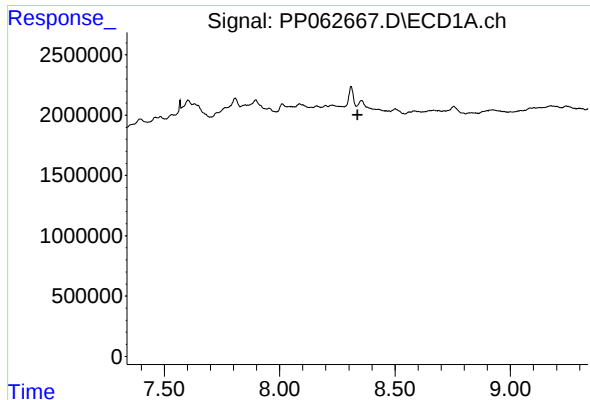
#34 AR-1260-4

R.T.: 8.012 min
Delta R.T.: -0.008 min
Response: 866978
Conc: 8.95 ng/ml



#34 AR-1260-4

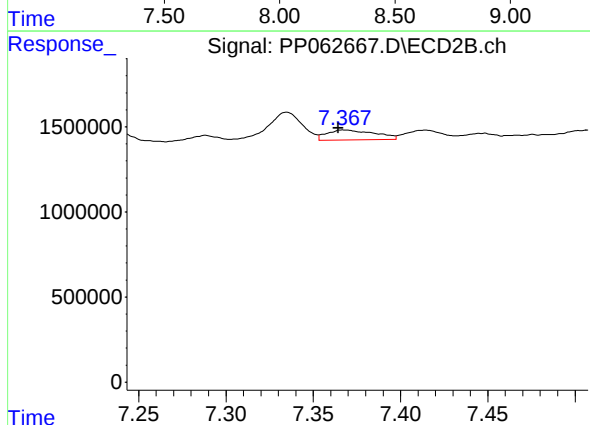
R.T.: 7.106 min
Delta R.T.: -0.015 min
Response: 1841668
Conc: 12.52 ng/ml



#35 AR-1260-5

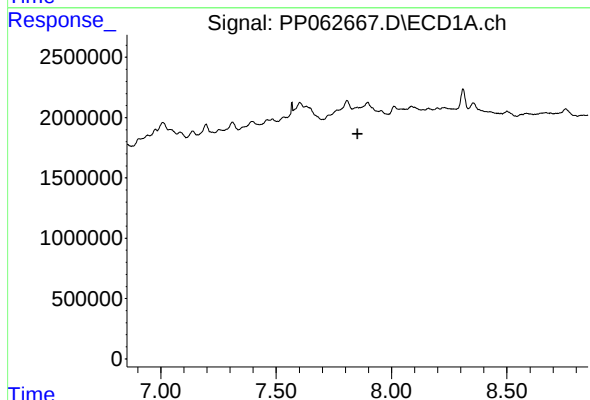
R.T.: 8.353 min
Delta R.T.: 0.015 min
Response: -53920
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



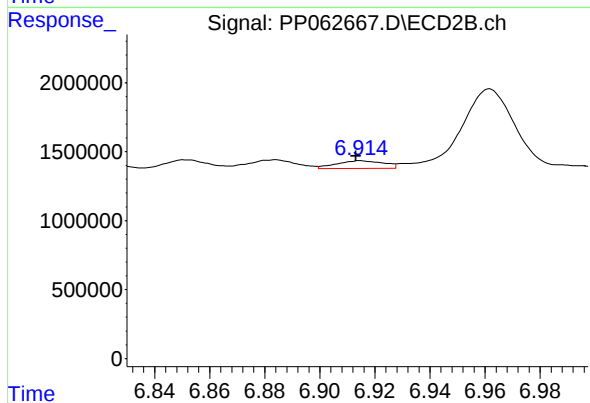
#35 AR-1260-5

R.T.: 7.367 min
Delta R.T.: 0.002 min
Response: 1109718
Conc: 3.45 ng/ml



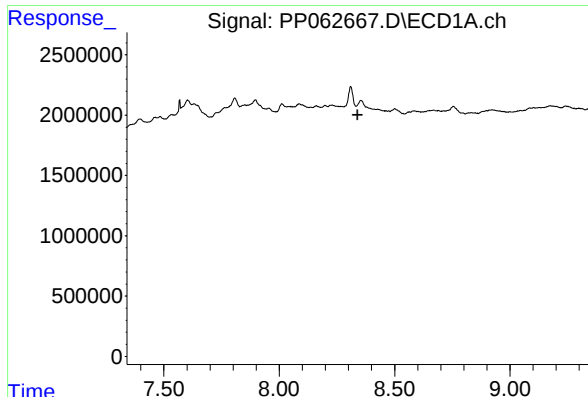
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.852 min
Response: 0
Conc: N.D.



#36 AR-1262-1

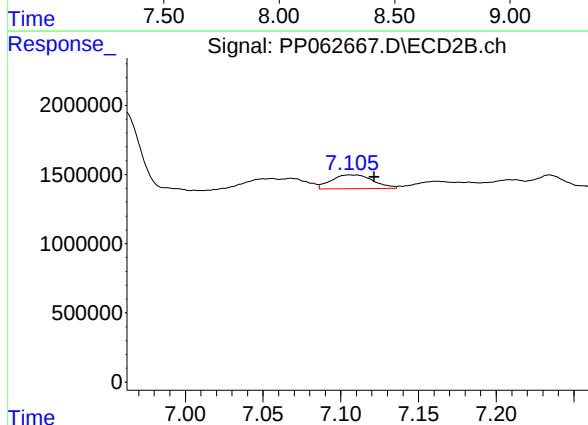
R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 671598
Conc: 7.56 ng/ml



#37 AR-1262-2

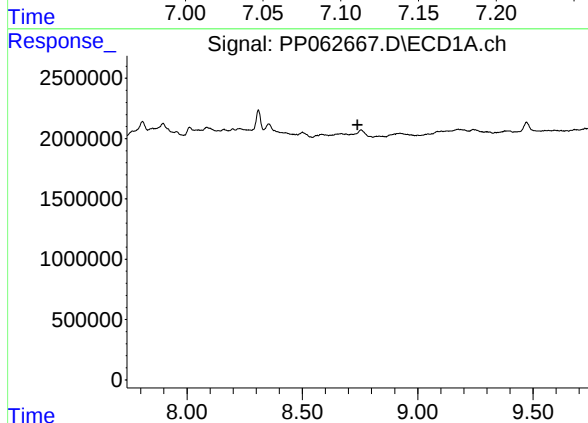
R.T.: 8.353 min
Delta R.T.: 0.015 min
Response: -53920
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



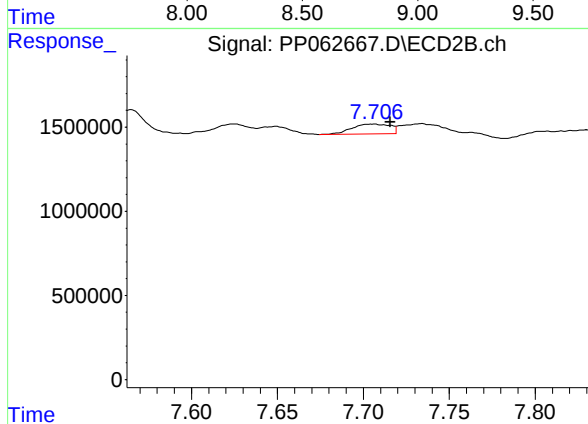
#37 AR-1262-2

R.T.: 7.106 min
Delta R.T.: -0.016 min
Response: 1841668
Conc: 9.86 ng/ml



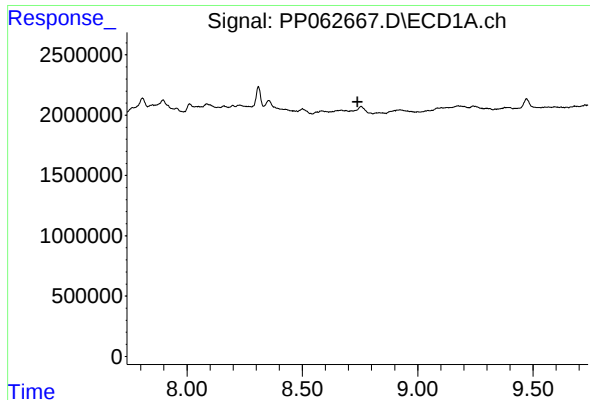
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.739 min
Response: 0
Conc: N.D.



#39 AR-1262-4

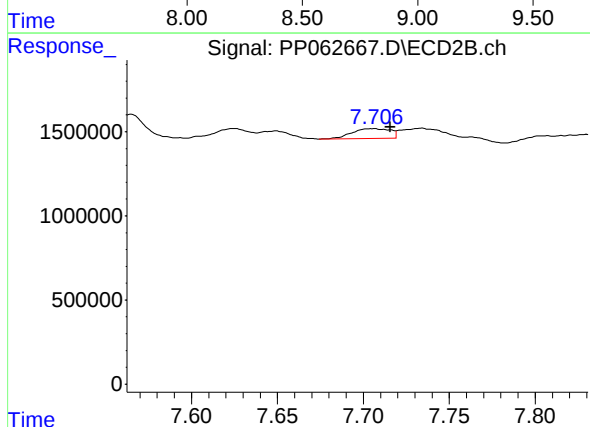
R.T.: 7.707 min
Delta R.T.: -0.009 min
Response: 900692
Conc: 3.51 ng/ml



#42 AR-1268-2

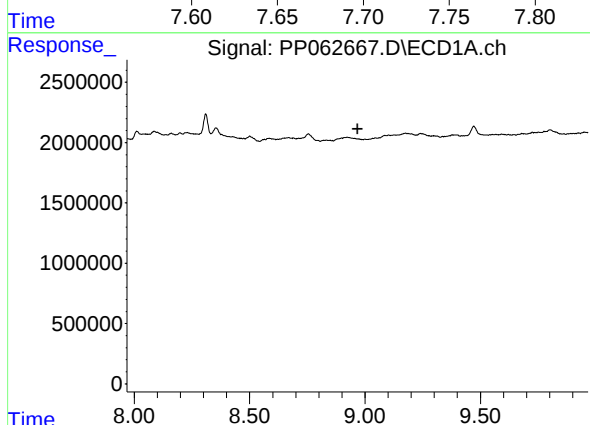
R.T.: 0.000 min
Exp R.T.: 8.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



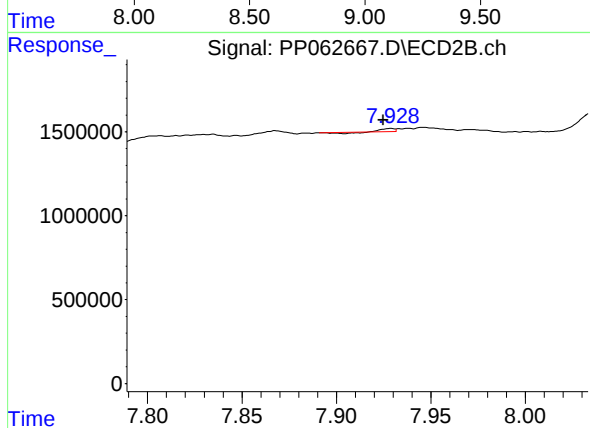
#42 AR-1268-2

R.T.: 7.707 min
Delta R.T.: -0.009 min
Response: 900692
Conc: 2.55 ng/ml



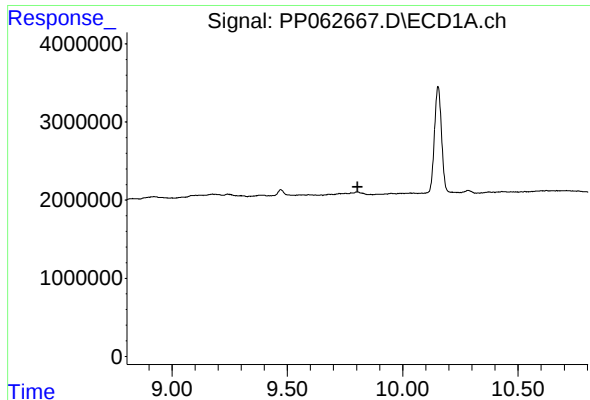
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.968 min
Response: 0
Conc: N.D.



#43 AR-1268-3

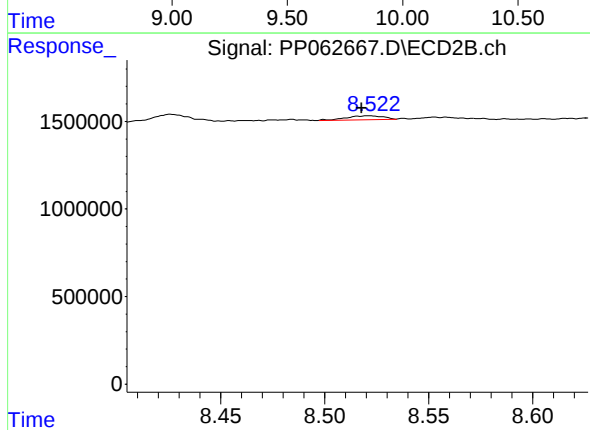
R.T.: 7.929 min
Delta R.T.: 0.004 min
Response: 47928
Conc: 0.15 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.804 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
GHL-SS-19-2-4



#45 AR-1268-5

R.T.: 8.522 min
Delta R.T.: 0.005 min
Response: 273730
Conc: 0.31 ng/ml