

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010320\
 Data File : P0065260.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jan 2020 9:15
 Operator : AJ/MA
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 11:15:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0123119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 31 07:42:34 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	0.000	3.440	0	8982	N.D.	0.356 #
2) SA Decachlor...	0.000	8.383	0	506	N.D.	0.013 #
Target Compounds						
3) L1 AR-1016-1	0.000	4.519	0	7003	N.D.	5.459 #
4) L1 AR-1016-2	0.000	4.519	0	7003	N.D.	3.877 #
5) L1 AR-1016-3	0.000	4.696	0	1133	N.D.	1.125 #
6) L1 AR-1016-4	0.000	4.754	0	448	N.D.	0.508 #
7) L1 AR-1016-5	0.000	4.958	0	955	N.D.	0.867 #
8) L2 AR-1221-1	0.000	3.643	0	397	N.D.	1.387 #
9) L2 AR-1221-2	0.000	3.757	0	410	N.D.	1.831 #
10) L2 AR-1221-3	0.000	3.819	0	1212	N.D.	1.701 #
11) L3 AR-1232-1	0.000	3.819	0	1212	N.D.	1.087 #
12) L3 AR-1232-2	0.000	4.519	0	7003	N.D.	5.267 #
13) L3 AR-1232-3	0.000	4.696	0	1133	N.D.	1.584 #
14) L3 AR-1232-4	0.000	4.784	0	771	N.D.	1.140 #
15) L3 AR-1232-5	0.000	4.958	0	955	N.D.	1.295 #
16) L4 AR-1242-1	0.000	4.519	0	7003	N.D.	7.403 #
17) L4 AR-1242-2	0.000	4.519	0	7003	N.D.	5.296 #
18) L4 AR-1242-3	0.000	4.696	0	1133	N.D.	1.546 #
19) L4 AR-1242-4	0.000	4.784	0	771	N.D.	0.996 #
20) L4 AR-1242-5	0.000	5.317	0	287	N.D.	0.269 #
21) L5 AR-1248-1	0.000	4.519	0	7003	N.D.	9.296 #
22) L5 AR-1248-2	0.000	4.754	0	448	N.D.	0.413 #
23) L5 AR-1248-3	0.000	4.784	0	771	N.D.	0.691 #
24) L5 AR-1248-4	0.000	4.958	0	955	N.D.	0.705 #
25) L5 AR-1248-5	0.000	5.350	0	690	N.D.	0.480 #
26) L6 AR-1254-1	0.000	5.290	0	4257	N.D.	1.821 #
27) L6 AR-1254-2	0.000	5.456	0	1727	N.D.	0.810 #
28) L6 AR-1254-3	0.000	5.835	0	13456	N.D.	3.735 #
29) L6 AR-1254-4	0.000	6.063	0	5036	N.D.	2.166 #
30) L6 AR-1254-5	0.000	6.474	0	19961	N.D.	5.918 #
31) L7 AR-1260-1	0.000	5.989	0	775	N.D.	0.327 #
32) L7 AR-1260-2	0.000	6.178	0	1061	N.D.	0.348 #
33) L7 AR-1260-3	0.000	6.299	0	5809	N.D.	2.163 #
34) L7 AR-1260-4	0.000	6.770	0	10047	N.D.	4.336 #
35) L7 AR-1260-5	8.040	7.038	15711	840	4.418	0.155 #
36) L8 AR-1262-1	0.000	6.579	0	752	N.D.	0.506 #
37) L8 AR-1262-2	8.040	7.038	15711	840	3.560	0.126 #
38) L8 AR-1262-3	0.000	7.316	0	837	N.D.	0.324 #
39) L8 AR-1262-4	0.000	7.356	0	23770	N.D.	4.923 #
40) L8 AR-1262-5	0.000	7.869	0	457	N.D.	0.230 #
41) L9 AR-1268-1	0.000	7.316	0	837	N.D.	0.118 #

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Acq On : 03 Jan 2020 9:15
Operator : AJ/MA
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

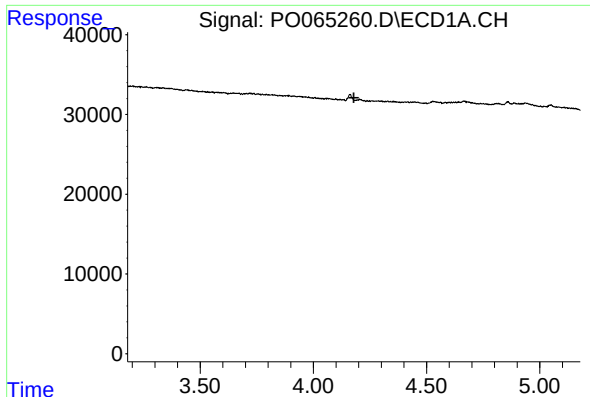
Instrument :
ECD_O
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 03 11:15:13 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0123119.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Dec 31 07:42:34 2019
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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	0.000	7.356	0	23770	N.D.	3.693 #
43)	L9 AR-1268-3	0.000	7.574	0	1033	N.D.	0.197 #
44)	L9 AR-1268-4	0.000	7.869	0	457	N.D.	0.216 #
45)	L9 AR-1268-5	0.000	8.137	0	255	N.D.	0.017 #

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



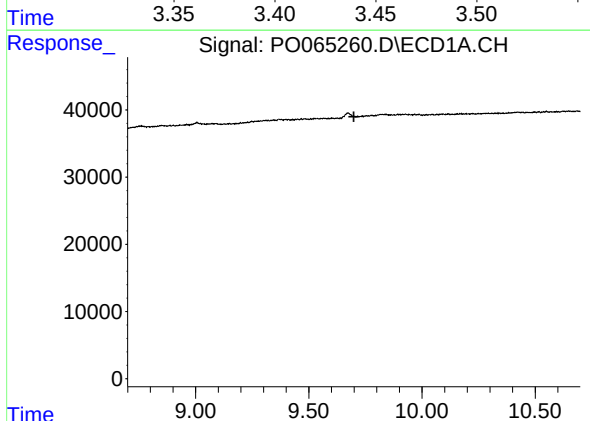
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 4.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE

#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: -0.012 min
Response: 8982
Conc: 0.36 ng/ml

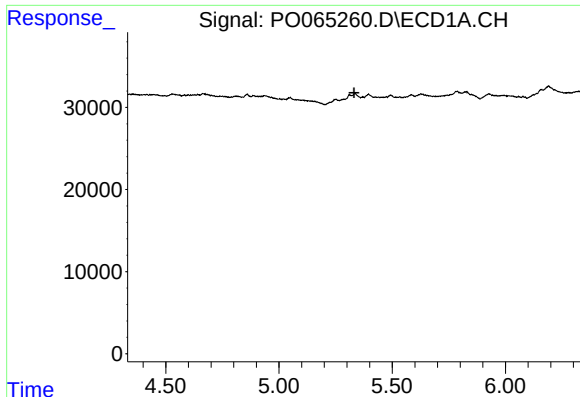


#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 9.699 min
Response: 0
Conc: N.D.

#2 Decachlorobiphenyl

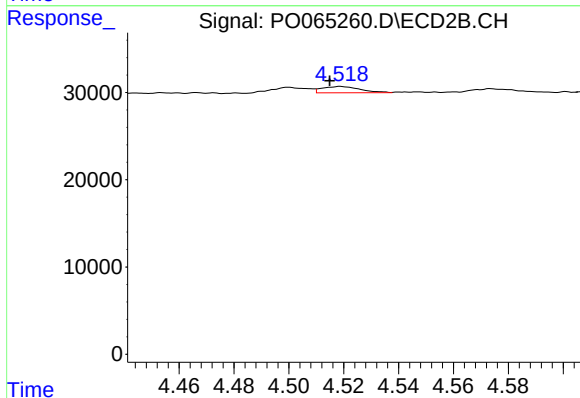
R.T.: 8.383 min
Delta R.T.: 0.015 min
Response: 506
Conc: 0.01 ng/ml



#3 AR-1016-1

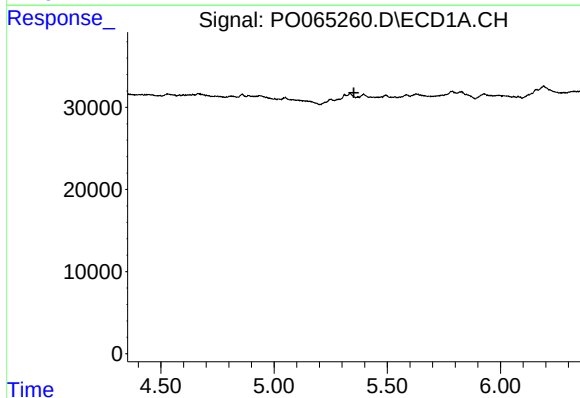
R.T.: 0.000 min
Exp R.T.: 5.331 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



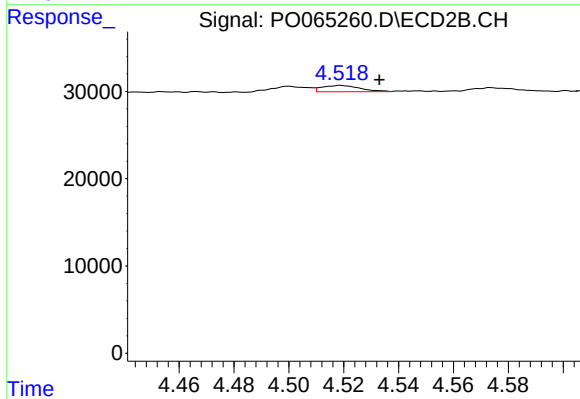
#3 AR-1016-1

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 7003
Conc: 5.46 ng/ml



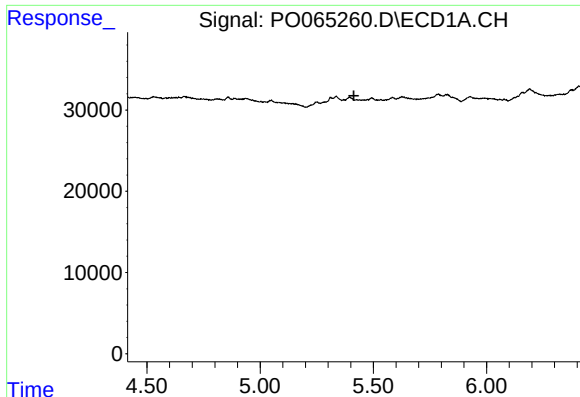
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.353 min
Response: 0
Conc: N.D.



#4 AR-1016-2

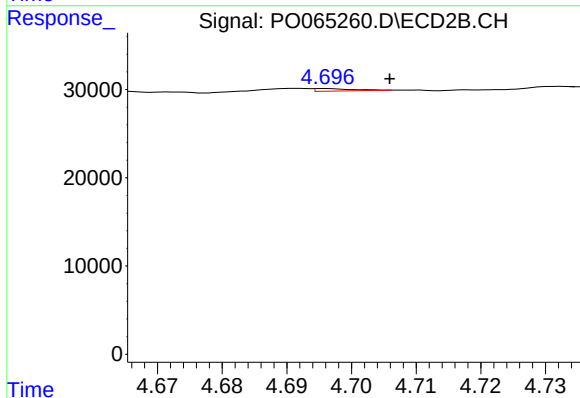
R.T.: 4.519 min
Delta R.T.: -0.014 min
Response: 7003
Conc: 3.88 ng/ml



#5 AR-1016-3

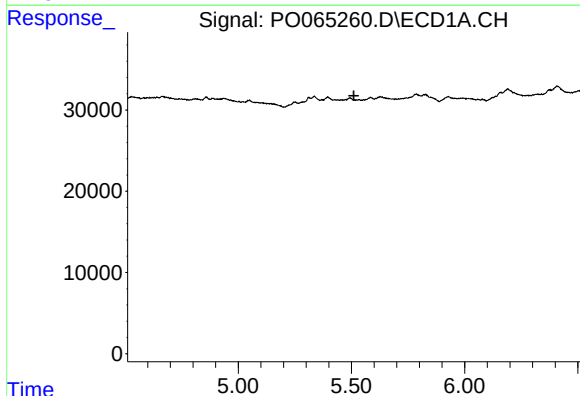
R.T.: 0.000 min
Exp R.T.: 5.414 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



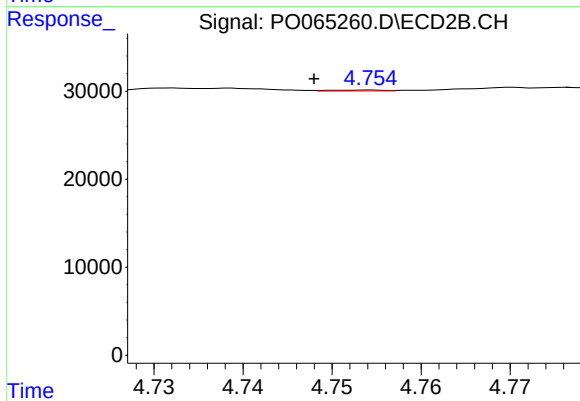
#5 AR-1016-3

R.T.: 4.696 min
Delta R.T.: -0.010 min
Response: 1133
Conc: 1.12 ng/ml



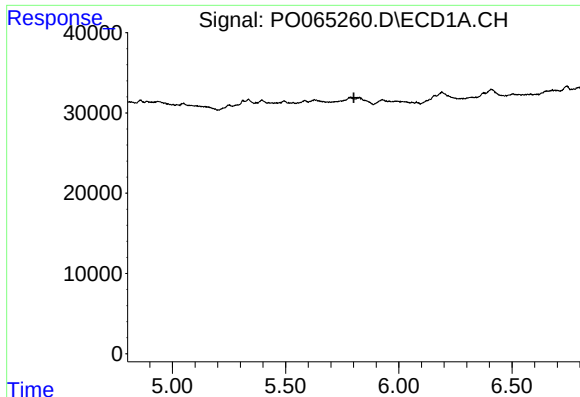
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.



#6 AR-1016-4

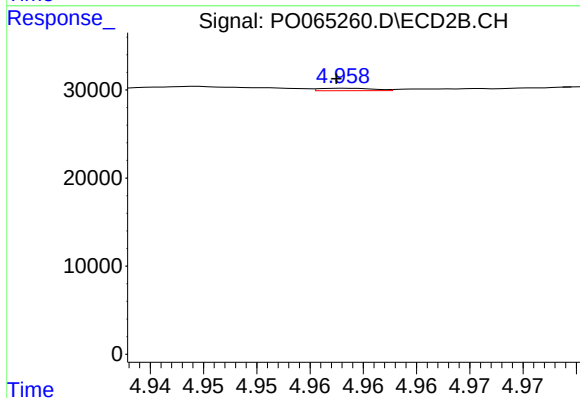
R.T.: 4.754 min
Delta R.T.: 0.006 min
Response: 448
Conc: 0.51 ng/ml



#7 AR-1016-5

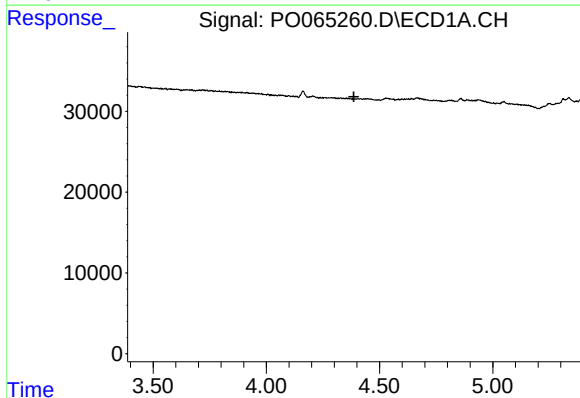
R.T.: 0.000 min
Exp R.T.: 5.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



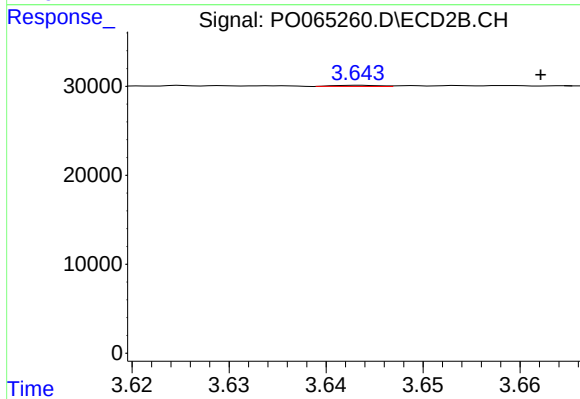
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 955
Conc: 0.87 ng/ml



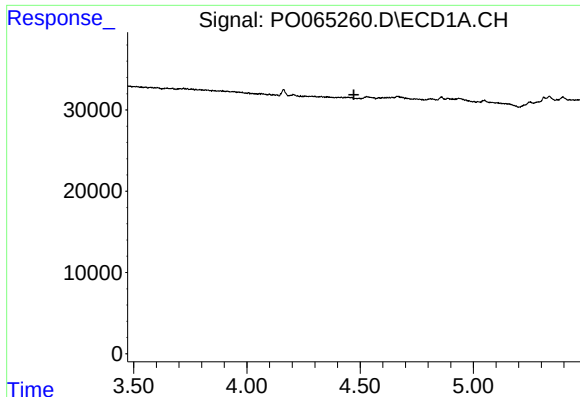
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.387 min
Response: 0
Conc: N.D.



#8 AR-1221-1

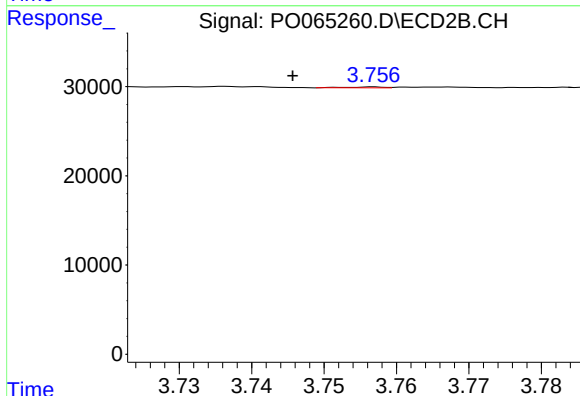
R.T.: 3.643 min
Delta R.T.: -0.019 min
Response: 397
Conc: 1.39 ng/ml



#9 AR-1221-2

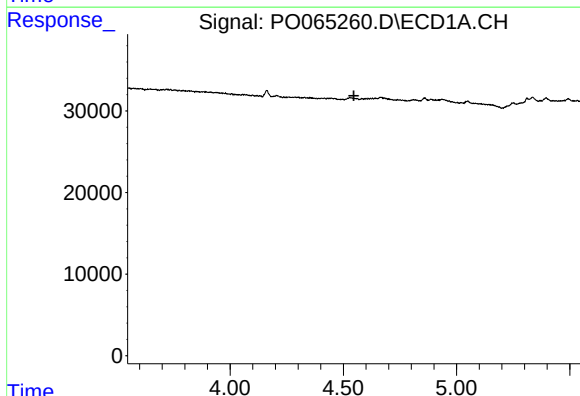
R.T.: 0.000 min
Exp R.T.: 4.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



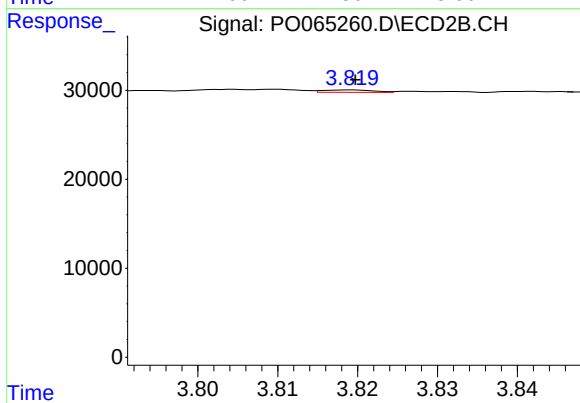
#9 AR-1221-2

R.T.: 3.757 min
Delta R.T.: 0.011 min
Response: 410
Conc: 1.83 ng/ml



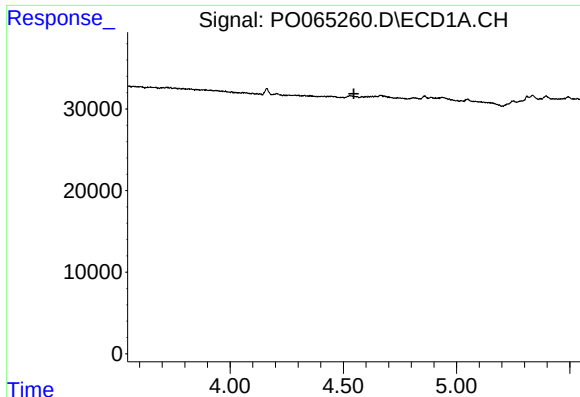
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.546 min
Response: 0
Conc: N.D.



#10 AR-1221-3

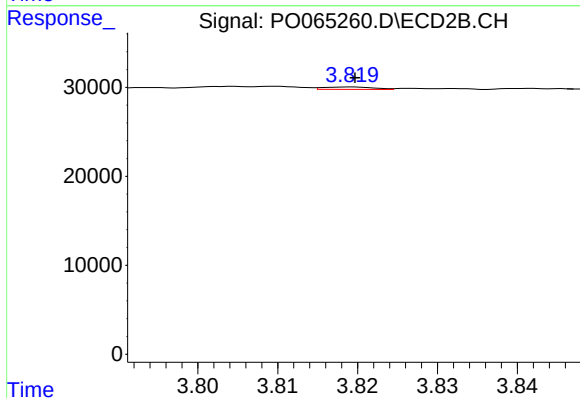
R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 1212
Conc: 1.70 ng/ml



#11 AR-1232-1

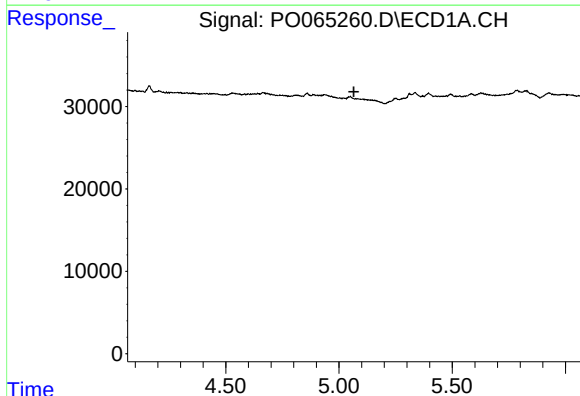
R.T.: 0.000 min
Exp R.T.: 4.547 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



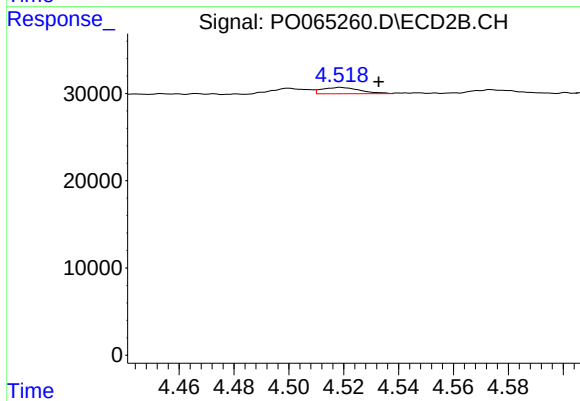
#11 AR-1232-1

R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 1212
Conc: 1.09 ng/ml



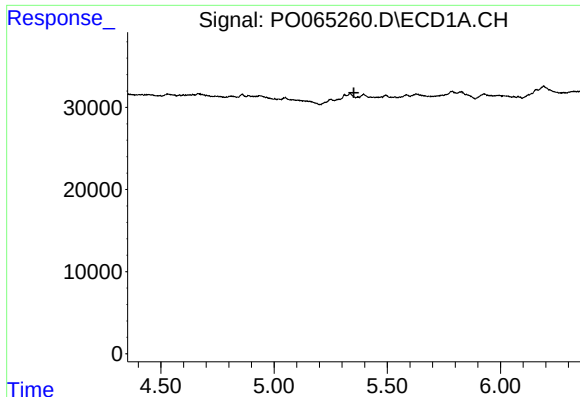
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.066 min
Response: 0
Conc: N.D.



#12 AR-1232-2

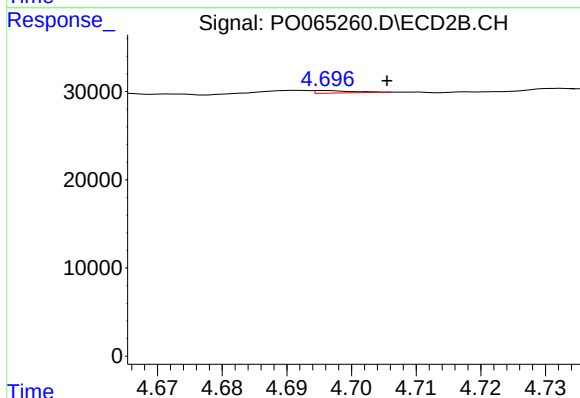
R.T.: 4.519 min
Delta R.T.: -0.014 min
Response: 7003
Conc: 5.27 ng/ml



#13 AR-1232-3

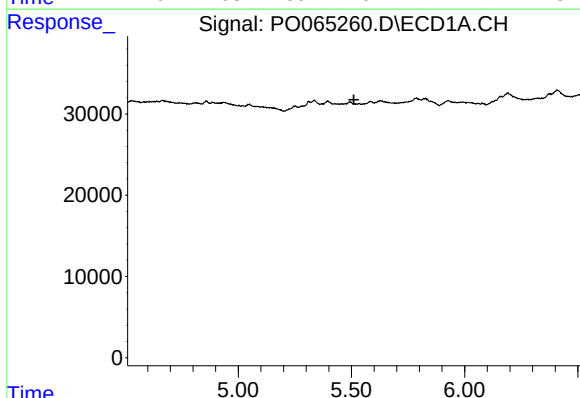
R.T.: 0.000 min
Exp R.T.: 5.353 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



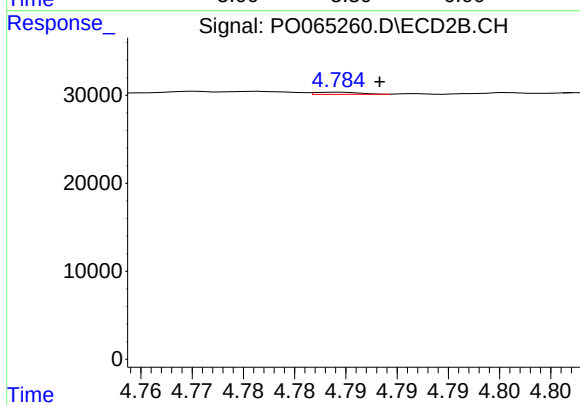
#13 AR-1232-3

R.T.: 4.696 min
Delta R.T.: -0.010 min
Response: 1133
Conc: 1.58 ng/ml



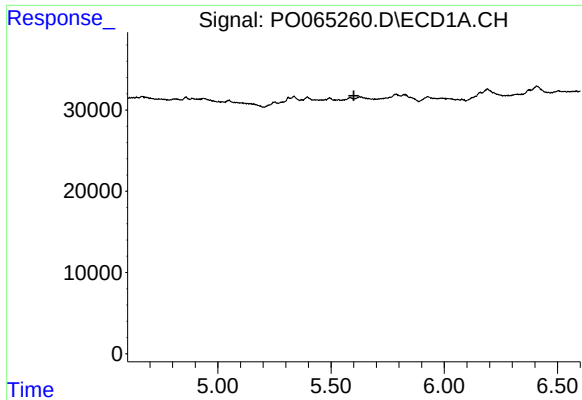
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.



#14 AR-1232-4

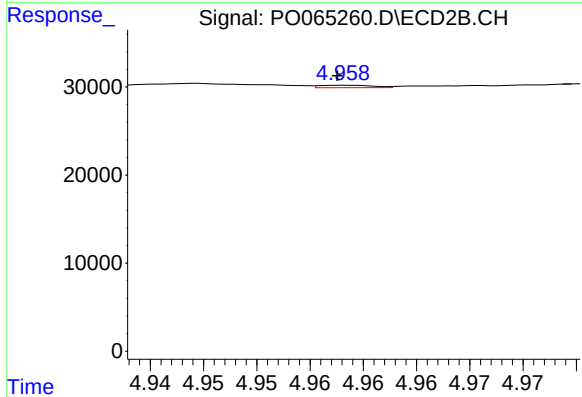
R.T.: 4.784 min
Delta R.T.: -0.004 min
Response: 771
Conc: 1.14 ng/ml



#15 AR-1232-5

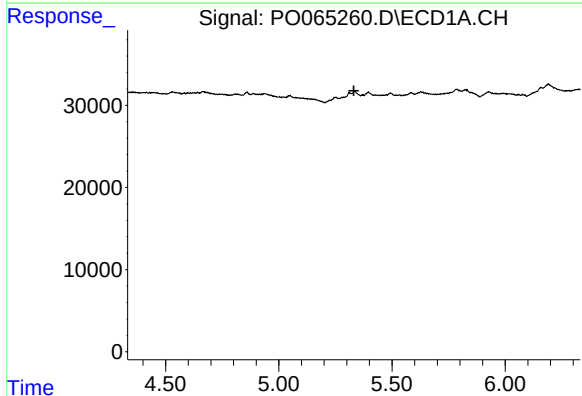
R.T.: 0.000 min
Exp R.T.: 5.601 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



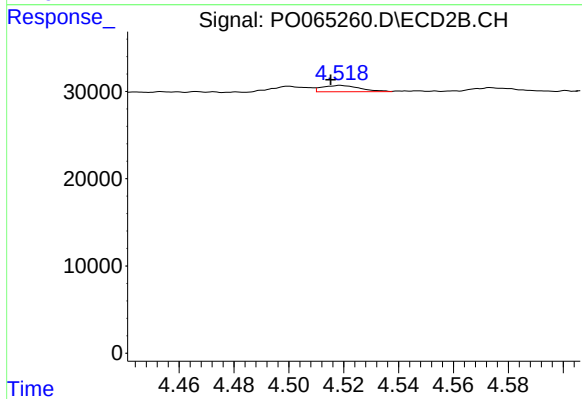
#15 AR-1232-5

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 955
Conc: 1.30 ng/ml



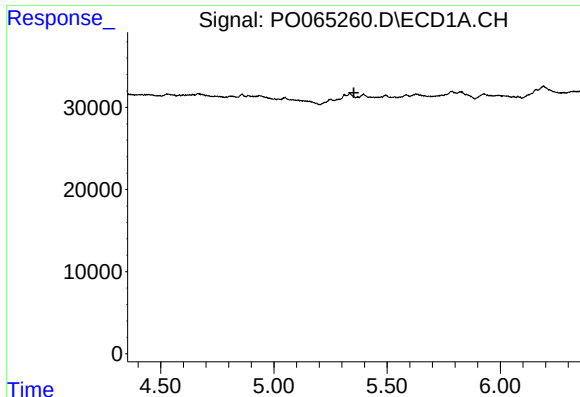
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.332 min
Response: 0
Conc: N.D.



#16 AR-1242-1

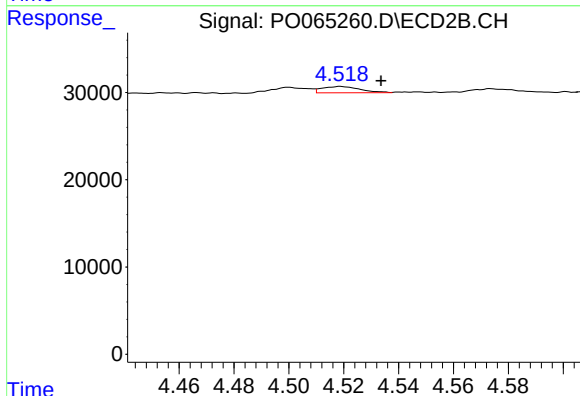
R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 7003
Conc: 7.40 ng/ml



#17 AR-1242-2

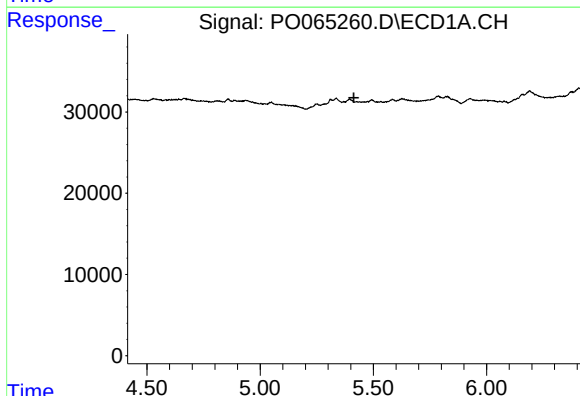
R.T.: 0.000 min
Exp R.T.: 5.353 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



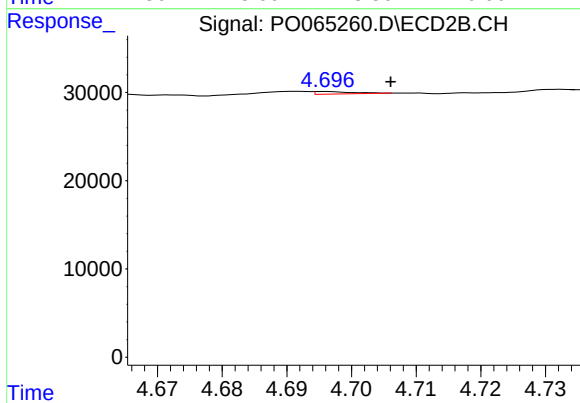
#17 AR-1242-2

R.T.: 4.519 min
Delta R.T.: -0.015 min
Response: 7003
Conc: 5.30 ng/ml



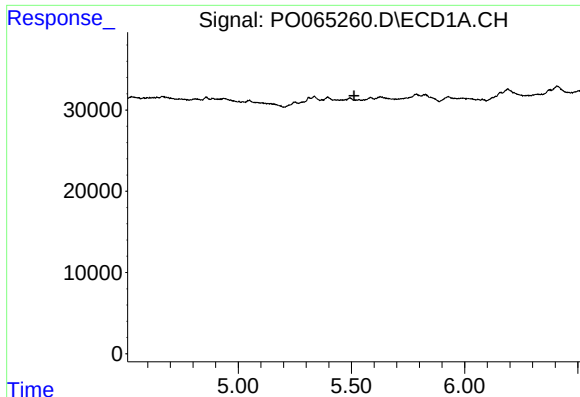
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.414 min
Response: 0
Conc: N.D.



#18 AR-1242-3

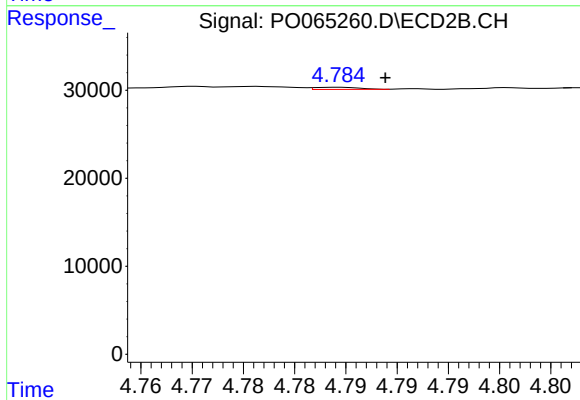
R.T.: 4.696 min
Delta R.T.: -0.010 min
Response: 1133
Conc: 1.55 ng/ml



#19 AR-1242-4

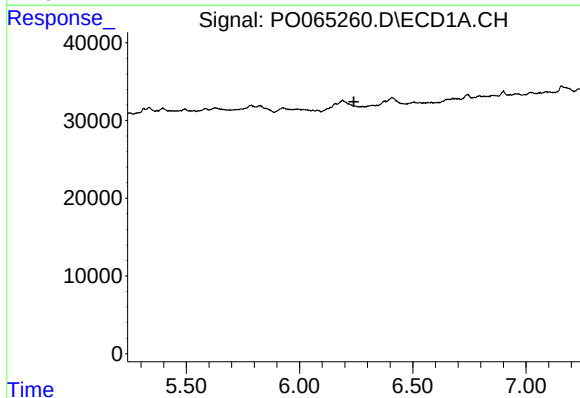
R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



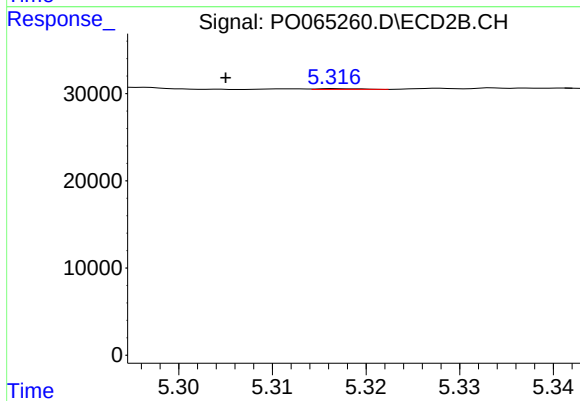
#19 AR-1242-4

R.T.: 4.784 min
Delta R.T.: -0.004 min
Response: 771
Conc: 1.00 ng/ml



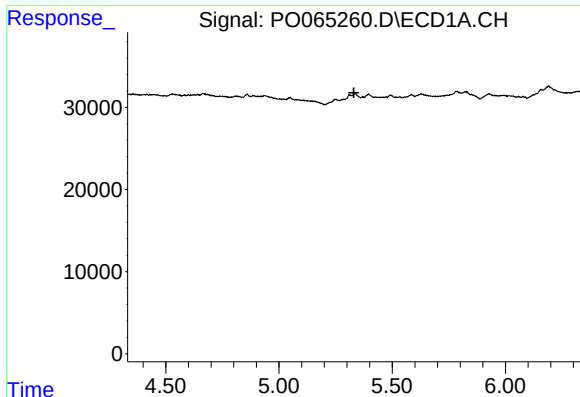
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.240 min
Response: 0
Conc: N.D.



#20 AR-1242-5

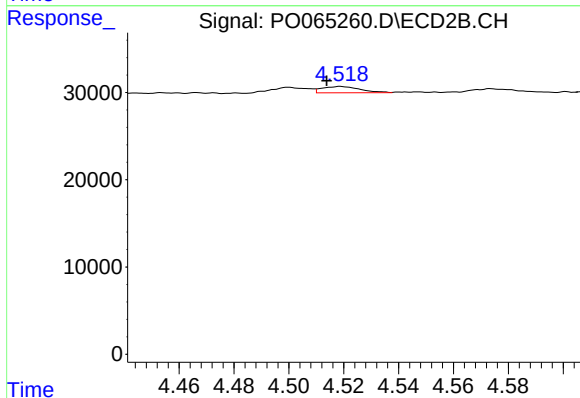
R.T.: 5.317 min
Delta R.T.: 0.012 min
Response: 287
Conc: 0.27 ng/ml



#21 AR-1248-1

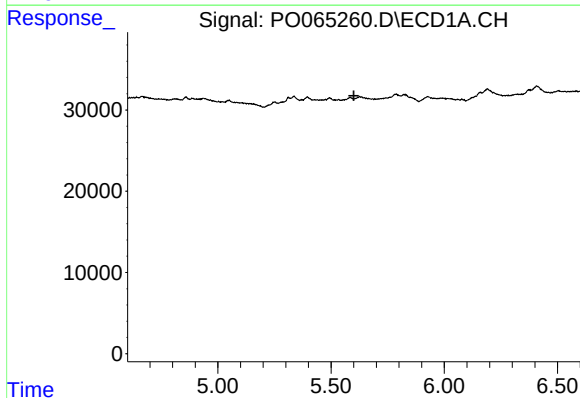
R.T.: 0.000 min
Exp R.T.: 5.331 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



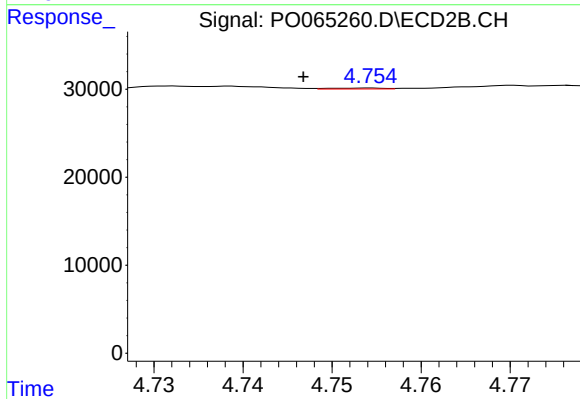
#21 AR-1248-1

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 7003
Conc: 9.30 ng/ml



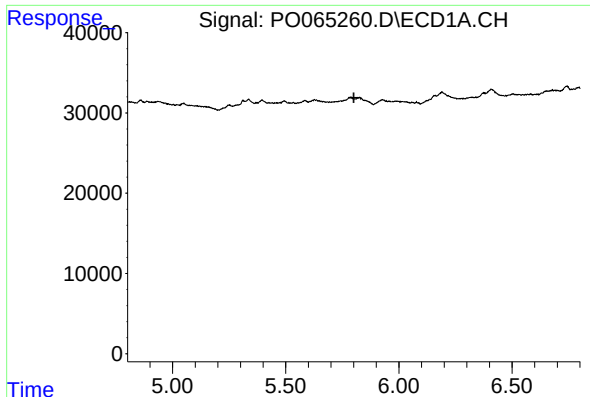
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

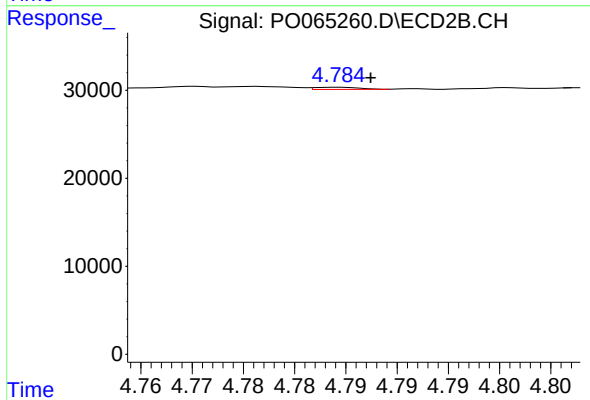
R.T.: 4.754 min
Delta R.T.: 0.008 min
Response: 448
Conc: 0.41 ng/ml



#23 AR-1248-3

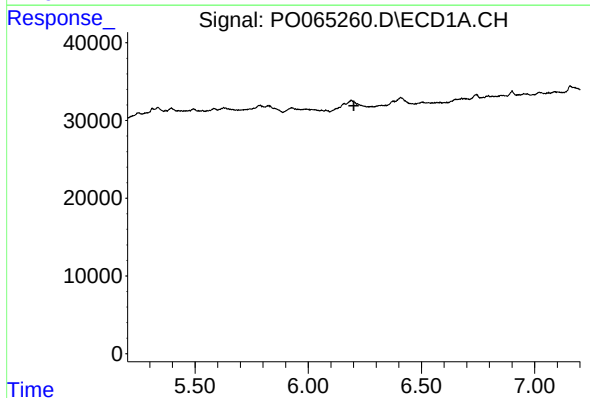
R.T.: 0.000 min
Exp R.T.: 5.801 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



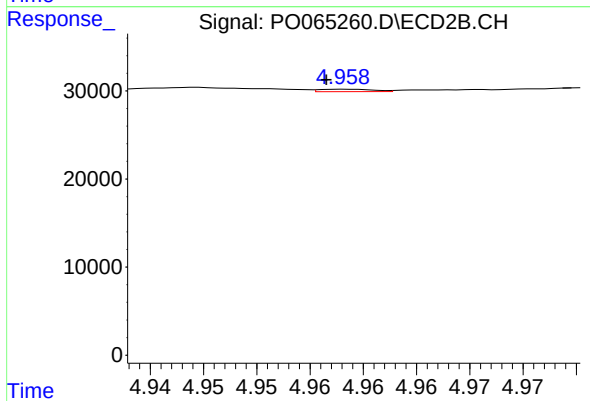
#23 AR-1248-3

R.T.: 4.784 min
Delta R.T.: -0.003 min
Response: 771
Conc: 0.69 ng/ml



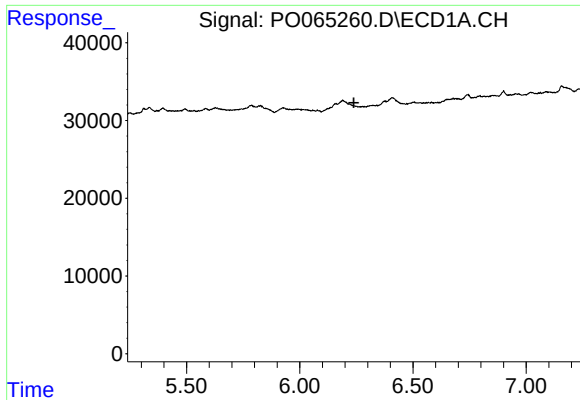
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.201 min
Response: 0
Conc: N.D.



#24 AR-1248-4

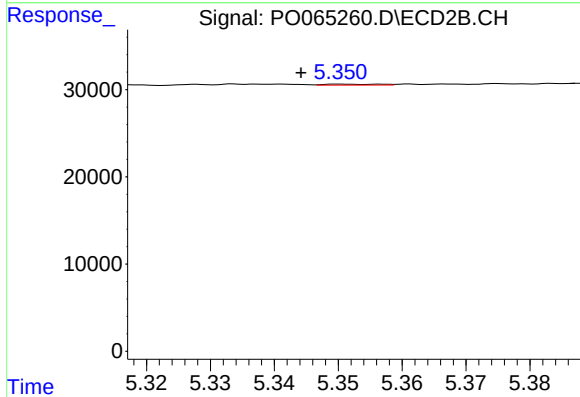
R.T.: 4.958 min
Delta R.T.: 0.002 min
Response: 955
Conc: 0.71 ng/ml



#25 AR-1248-5

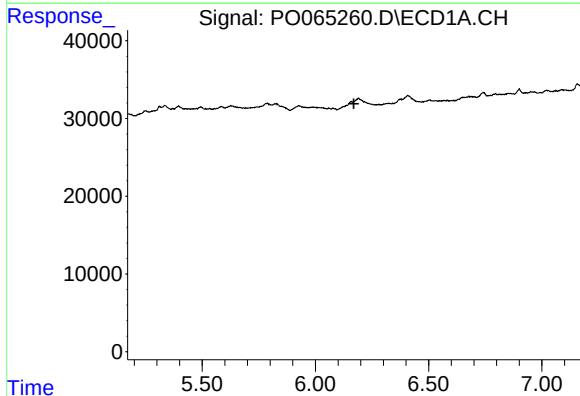
R.T.: 0.000 min
Exp R.T.: 6.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



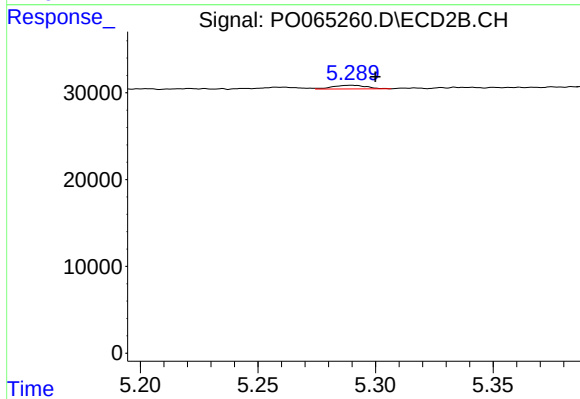
#25 AR-1248-5

R.T.: 5.350 min
Delta R.T.: 0.006 min
Response: 690
Conc: 0.48 ng/ml



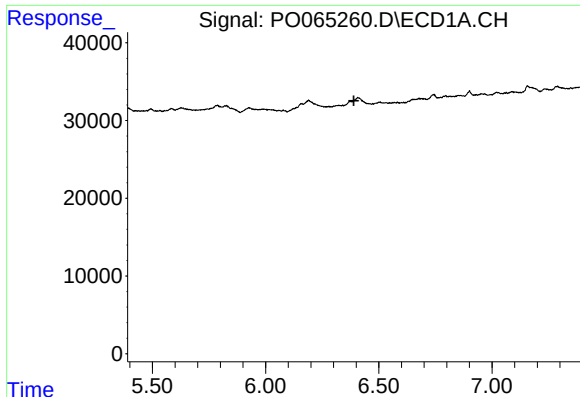
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.170 min
Response: 0
Conc: N.D.



#26 AR-1254-1

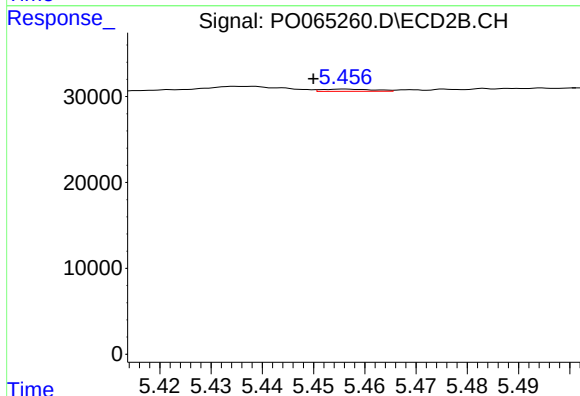
R.T.: 5.290 min
Delta R.T.: -0.010 min
Response: 4257
Conc: 1.82 ng/ml



#27 AR-1254-2

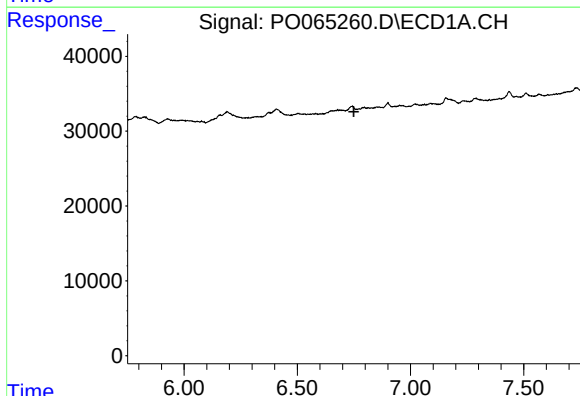
R.T.: 0.000 min
Exp R.T.: 6.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



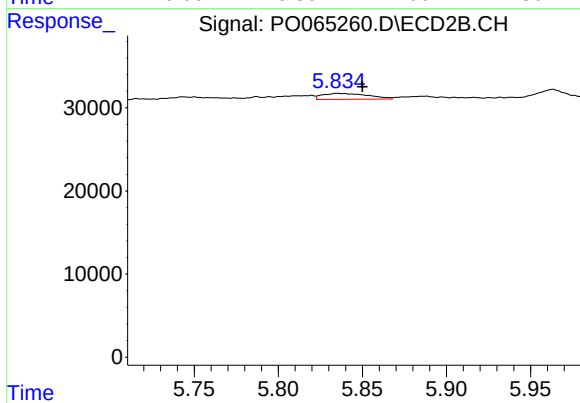
#27 AR-1254-2

R.T.: 5.456 min
Delta R.T.: 0.006 min
Response: 1727
Conc: 0.81 ng/ml



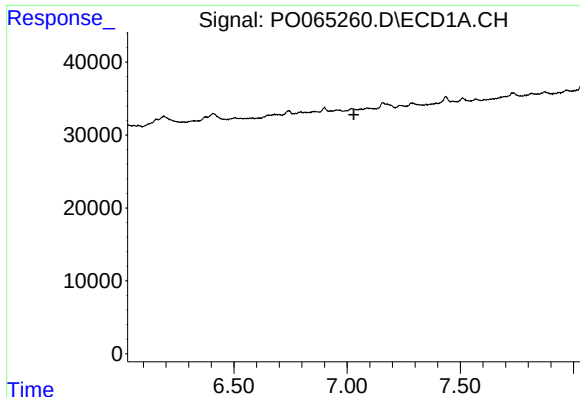
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.750 min
Response: 0
Conc: N.D.



#28 AR-1254-3

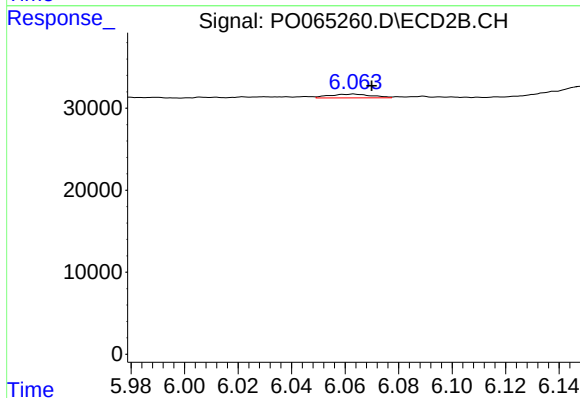
R.T.: 5.835 min
Delta R.T.: -0.015 min
Response: 13456
Conc: 3.73 ng/ml



#29 AR-1254-4

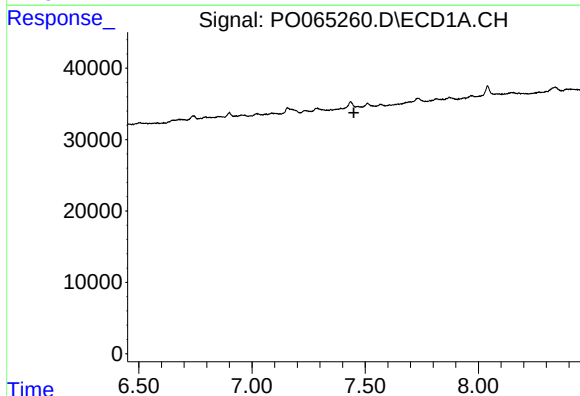
R.T.: 0.000 min
Exp R.T.: 7.030 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



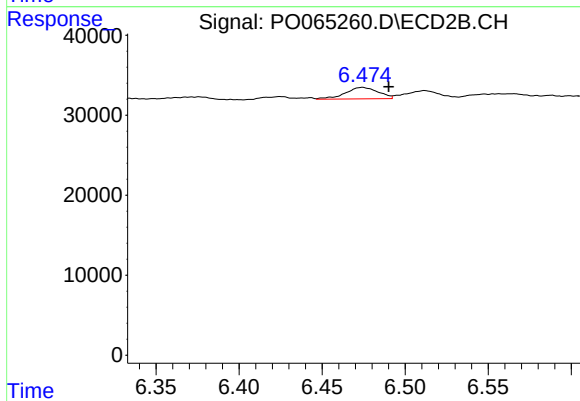
#29 AR-1254-4

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 5036
Conc: 2.17 ng/ml



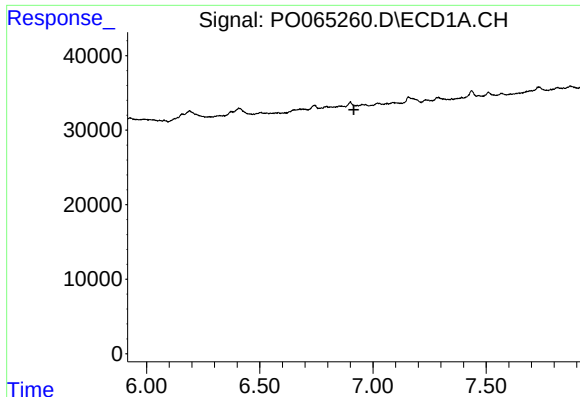
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.450 min
Response: 0
Conc: N.D.



#30 AR-1254-5

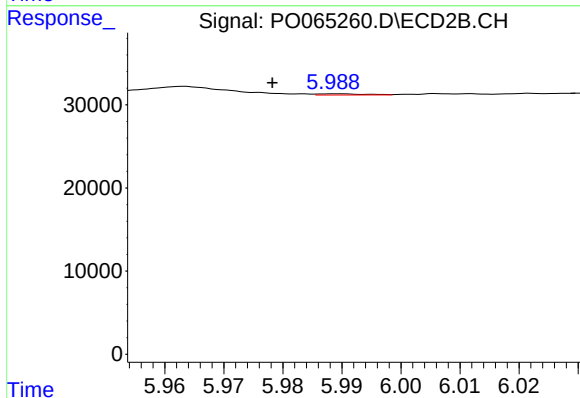
R.T.: 6.474 min
Delta R.T.: -0.016 min
Response: 19961
Conc: 5.92 ng/ml



#31 AR-1260-1

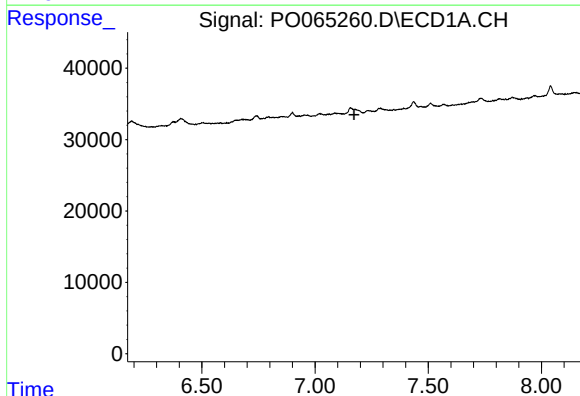
R.T.: 0.000 min
Exp R.T.: 6.916 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



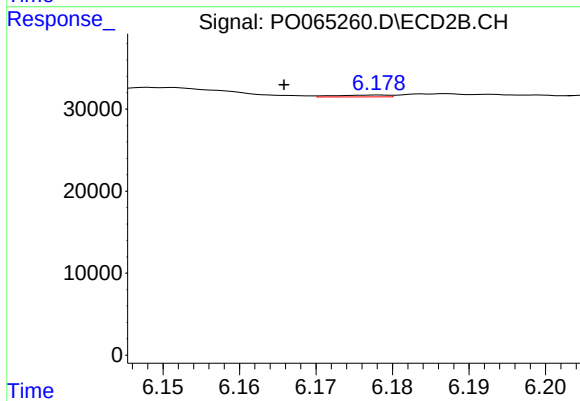
#31 AR-1260-1

R.T.: 5.989 min
Delta R.T.: 0.011 min
Response: 775
Conc: 0.33 ng/ml



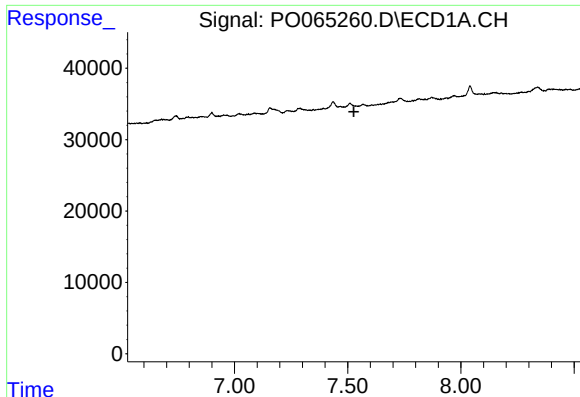
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.172 min
Response: 0
Conc: N.D.



#32 AR-1260-2

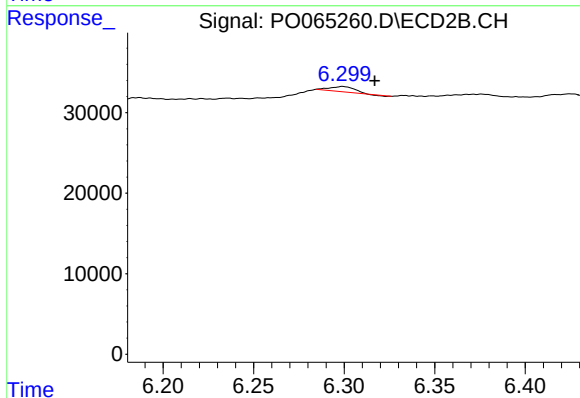
R.T.: 6.178 min
Delta R.T.: 0.012 min
Response: 1061
Conc: 0.35 ng/ml



#33 AR-1260-3

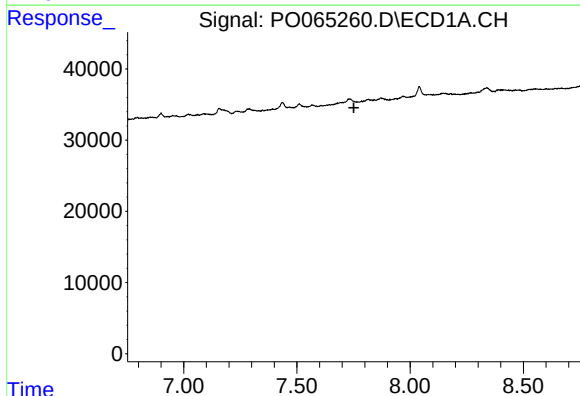
R.T.: 0.000 min
Exp R.T.: 7.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



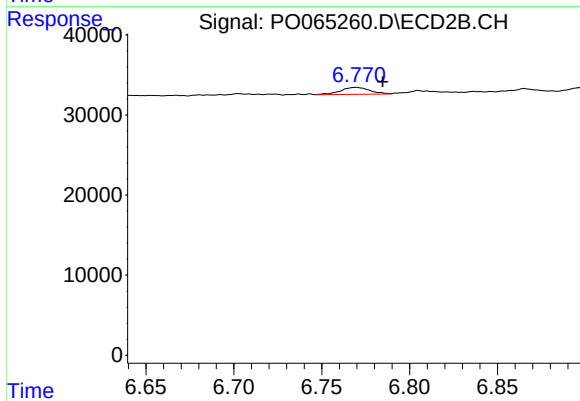
#33 AR-1260-3

R.T.: 6.299 min
Delta R.T.: -0.018 min
Response: 5809
Conc: 2.16 ng/ml



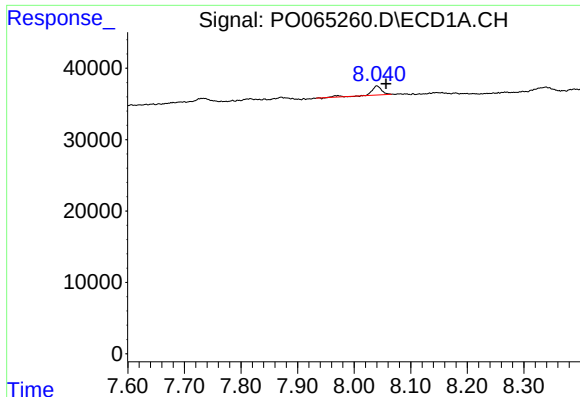
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.752 min
Response: 0
Conc: N.D.



#34 AR-1260-4

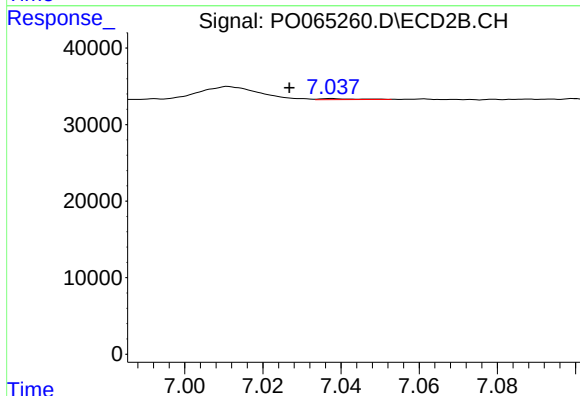
R.T.: 6.770 min
Delta R.T.: -0.015 min
Response: 10047
Conc: 4.34 ng/ml



#35 AR-1260-5

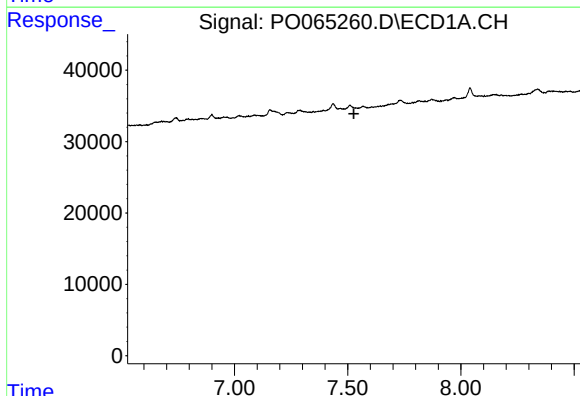
R.T.: 8.040 min
Delta R.T.: -0.017 min
Response: 15711
Conc: 4.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



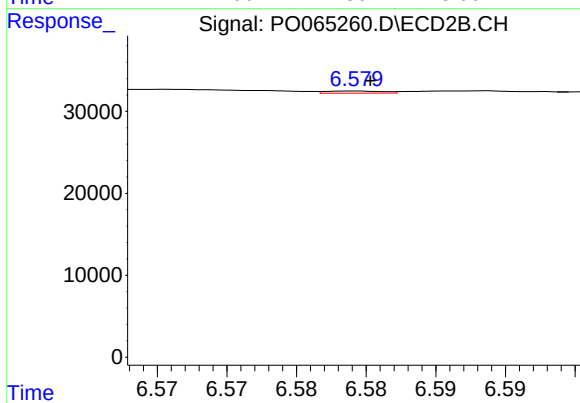
#35 AR-1260-5

R.T.: 7.038 min
Delta R.T.: 0.011 min
Response: 840
Conc: 0.16 ng/ml



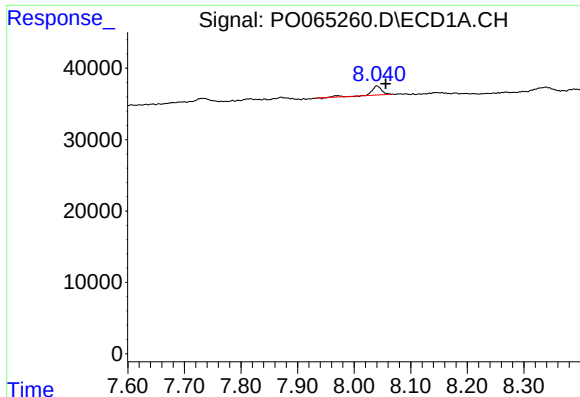
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



#36 AR-1262-1

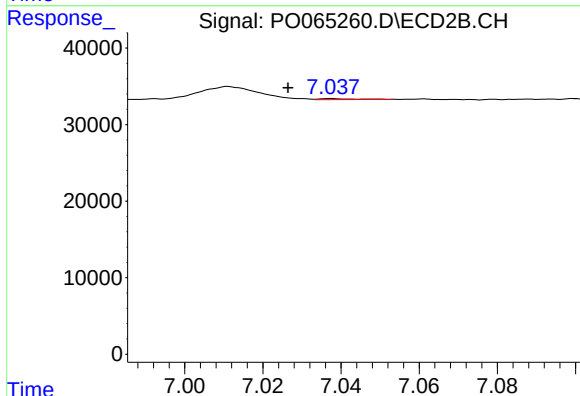
R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 752
Conc: 0.51 ng/ml



#37 AR-1262-2

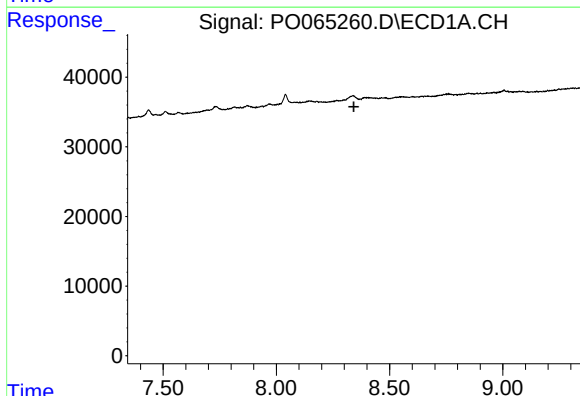
R.T.: 8.040 min
Delta R.T.: -0.016 min
Response: 15711
Conc: 3.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



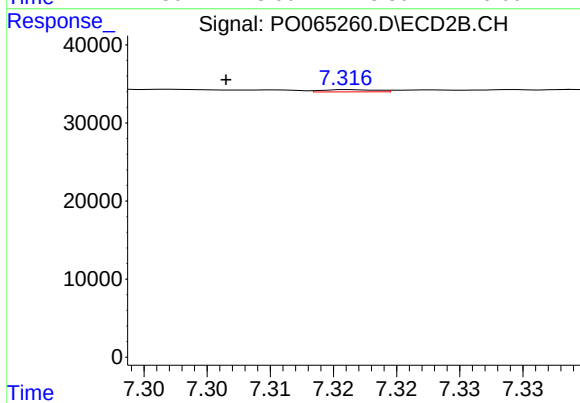
#37 AR-1262-2

R.T.: 7.038 min
Delta R.T.: 0.011 min
Response: 840
Conc: 0.13 ng/ml



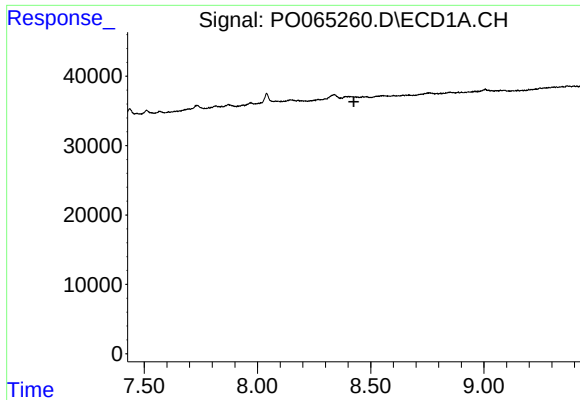
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.342 min
Response: 0
Conc: N.D.



#38 AR-1262-3

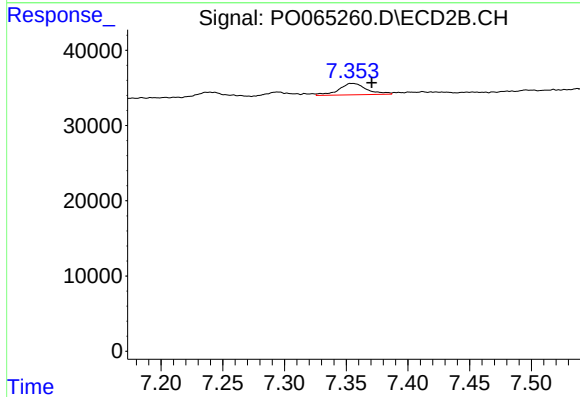
R.T.: 7.316 min
Delta R.T.: 0.010 min
Response: 837
Conc: 0.32 ng/ml



#39 AR-1262-4

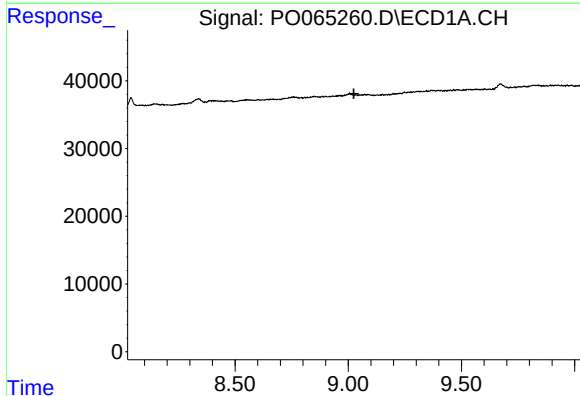
R.T.: 0.000 min
Exp R.T. : 8.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



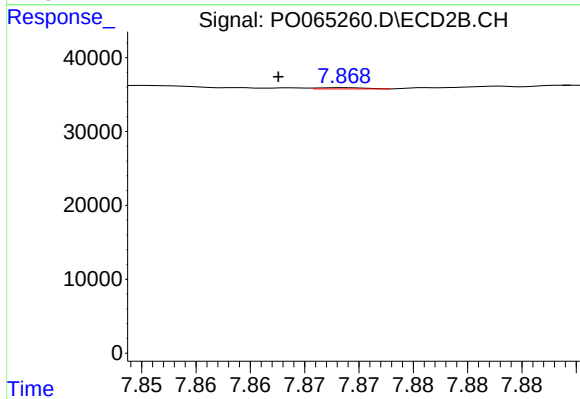
#39 AR-1262-4

R.T.: 7.356 min
Delta R.T.: -0.015 min
Response: 23770
Conc: 4.92 ng/ml



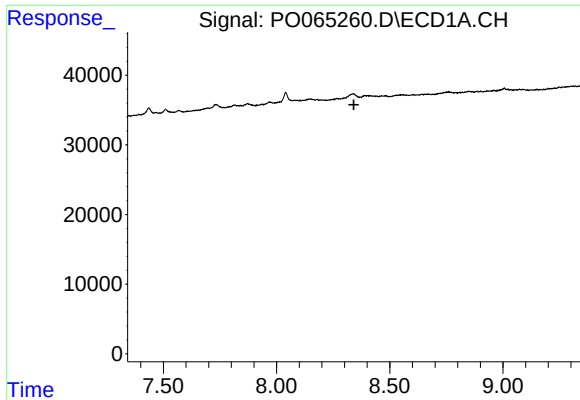
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.025 min
Response: 0
Conc: N.D.



#40 AR-1262-5

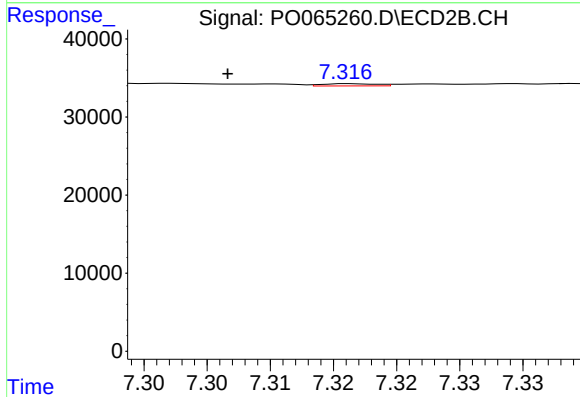
R.T.: 7.869 min
Delta R.T.: 0.006 min
Response: 457
Conc: 0.23 ng/ml



#41 AR-1268-1

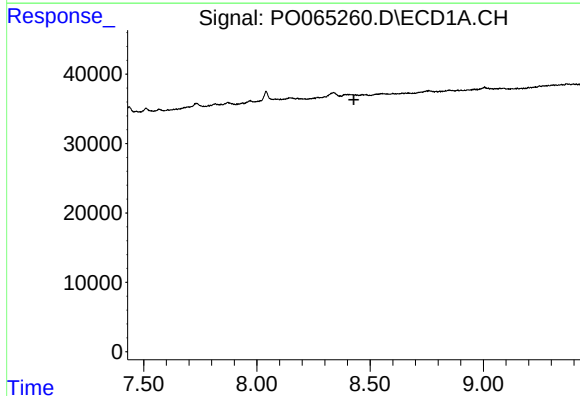
R.T.: 0.000 min
Exp R.T.: 8.342 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



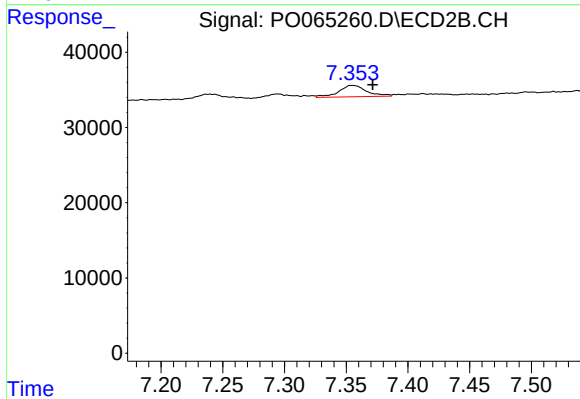
#41 AR-1268-1

R.T.: 7.316 min
Delta R.T.: 0.010 min
Response: 837
Conc: 0.12 ng/ml



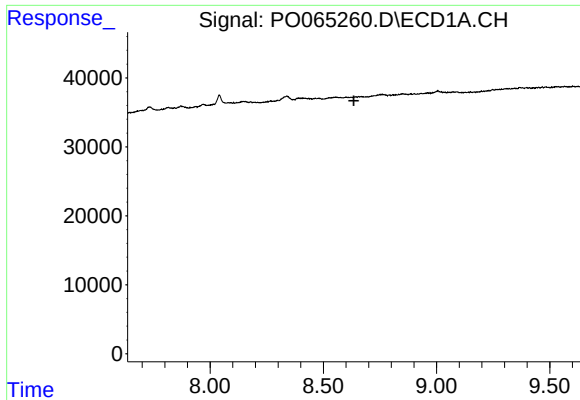
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.428 min
Response: 0
Conc: N.D.



#42 AR-1268-2

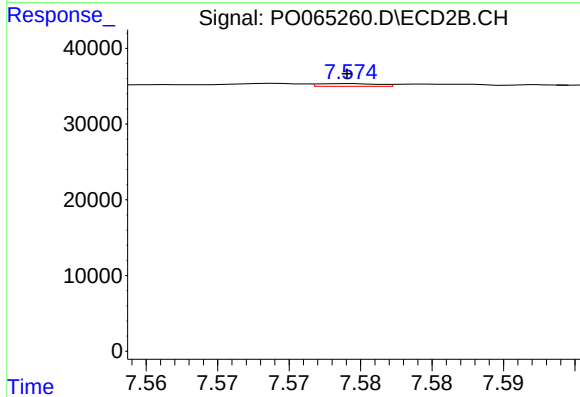
R.T.: 7.356 min
Delta R.T.: -0.016 min
Response: 23770
Conc: 3.69 ng/ml



#43 AR-1268-3

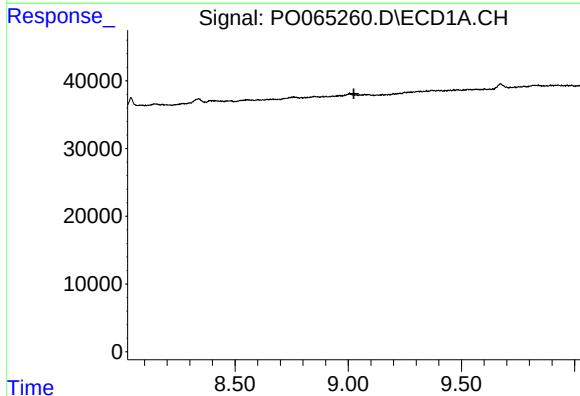
R.T.: 0.000 min
Exp R.T. : 8.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



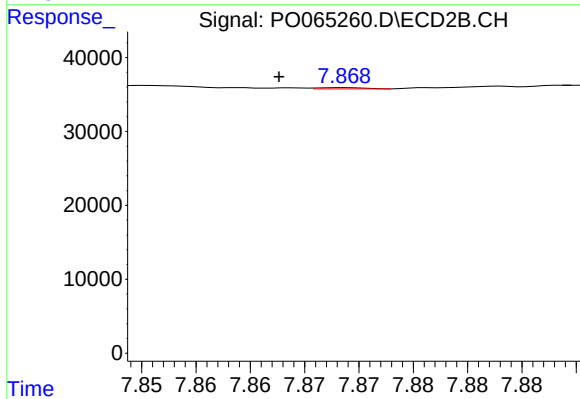
#43 AR-1268-3

R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 1033
Conc: 0.20 ng/ml



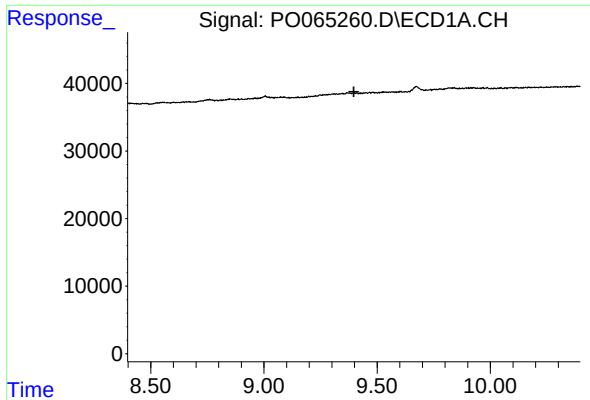
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.025 min
Response: 0
Conc: N.D.



#44 AR-1268-4

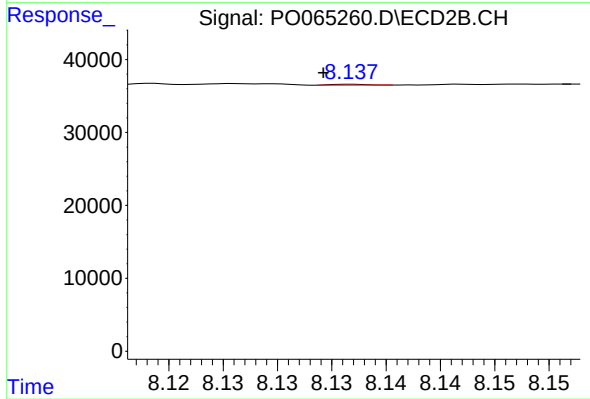
R.T.: 7.869 min
Delta R.T.: 0.006 min
Response: 457
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.137 min
Delta R.T.: 0.003 min
Response: 255
Conc: 0.02 ng/ml