

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0080318\
 Data File : P0047617.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Aug 2018 9:15
 Operator : SM/SJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 13:45:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 27 02:33:29 2018
 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...	4.447	3.648	7485	5317	0.037	0.022 #
2) SA Decachlor...	10.057	0.000	29126	0	0.179	N.D. #
Target Compounds						
3) L1 AR-1016-1	5.300	0.000	10775	0	2.256	N.D. #
4) L1 AR-1016-2	5.670	0.000	3977	0	0.676	N.D. #
5) L1 AR-1016-3	5.738	0.000	23632	0	4.765	N.D. #
6) L1 AR-1016-4	6.045	0.000	13197	0	2.837	N.D. #
7) L1 AR-1016-5	6.195	0.000	16310	0	3.129	N.D. #
8) L2 AR-1221-1	4.595	0.000	18747	0	8.477	N.D. #
9) L2 AR-1221-2	4.703	3.942	3069	193837	1.877	106.853 #
10) L2 AR-1221-3	4.789	0.000	14373	0	2.784	N.D. #
11) L3 AR-1232-1	5.105	4.294	11771	248263	5.474	105.566 #
12) L3 AR-1232-2	5.570	0.000	17053	0	5.795	N.D. #
13) L3 AR-1232-3	5.586	0.000	73215	0	17.042	N.D. #
15) L3 AR-1232-5	5.738	0.000	23632	0	10.583	N.D. #
16) L4 AR-1242-1	5.586	0.000	73215	0	9.961	N.D. #
17) L4 AR-1242-2	5.670	0.000	3977	0	0.859	N.D. #
18) L4 AR-1242-3	5.738	0.000	23632	0	6.151	N.D. #
19) L4 AR-1242-4	6.045	0.000	13197	0	3.433	N.D. #
20) L4 AR-1242-5	6.195	0.000	16310	0	3.810	N.D. #
21) L5 AR-1248-1	6.045	0.000	13197	0	2.110	N.D. #
22) L5 AR-1248-2	6.195	0.000	16310	0	2.994	N.D. #
23) L5 AR-1248-3	6.499	5.539	2765	13517	0.393	1.358 #
24) L5 AR-1248-4	6.499	5.539	2765	13517	0.412	1.929 #
25) L5 AR-1248-5	0.000	6.048	0	256889	N.D.	53.903 #
26) L6 AR-1254-1	0.000	5.539	0	13517	N.D.	1.098 #
27) L6 AR-1254-2	6.933	5.667	3475	11716	0.466	1.126 #
28) L6 AR-1254-3	7.024	6.048	210246	256889	16.121	14.802
29) L6 AR-1254-4	7.315	0.000	2770	0	0.284	N.D. #
30) L6 AR-1254-5	7.538	6.602	10308	144517	1.395	18.897 #
31) L7 AR-1260-1	7.152	0.000	1572	0	0.168	N.D. #
32) L7 AR-1260-2	7.424	6.380	14796	238745	1.327	17.806 #
33) L7 AR-1260-3	7.711	6.793	5019	163400	0.390	11.240 #
35) L7 AR-1260-5	8.633	7.590	304736	57957	26.686	3.715 #
36) L8 AR-1262-1	7.152	6.380	1572	238745	0.190	21.057 #
37) L8 AR-1262-2	7.424	6.602	14796	144517	1.527	12.807 #
38) L8 AR-1262-3	7.792	6.793	10783	163400	0.879	10.827 #
39) L8 AR-1262-4	7.953	7.015	18420	174260	1.564	13.233 #
41) L9 AR-1268-1	8.633	7.527	304736	38372	13.130	1.476 #

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 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	7.590	0	57957	N.D.	2.326 #
43) L9	AR-1268-3	8.944	0.000	15542	0	0.861	N.D. #
44) L9	AR-1268-4	9.338	0.000	82058	0	10.291	N.D. #
45) L9	AR-1268-5	9.774	8.382	17100	8073	0.314	0.148 #

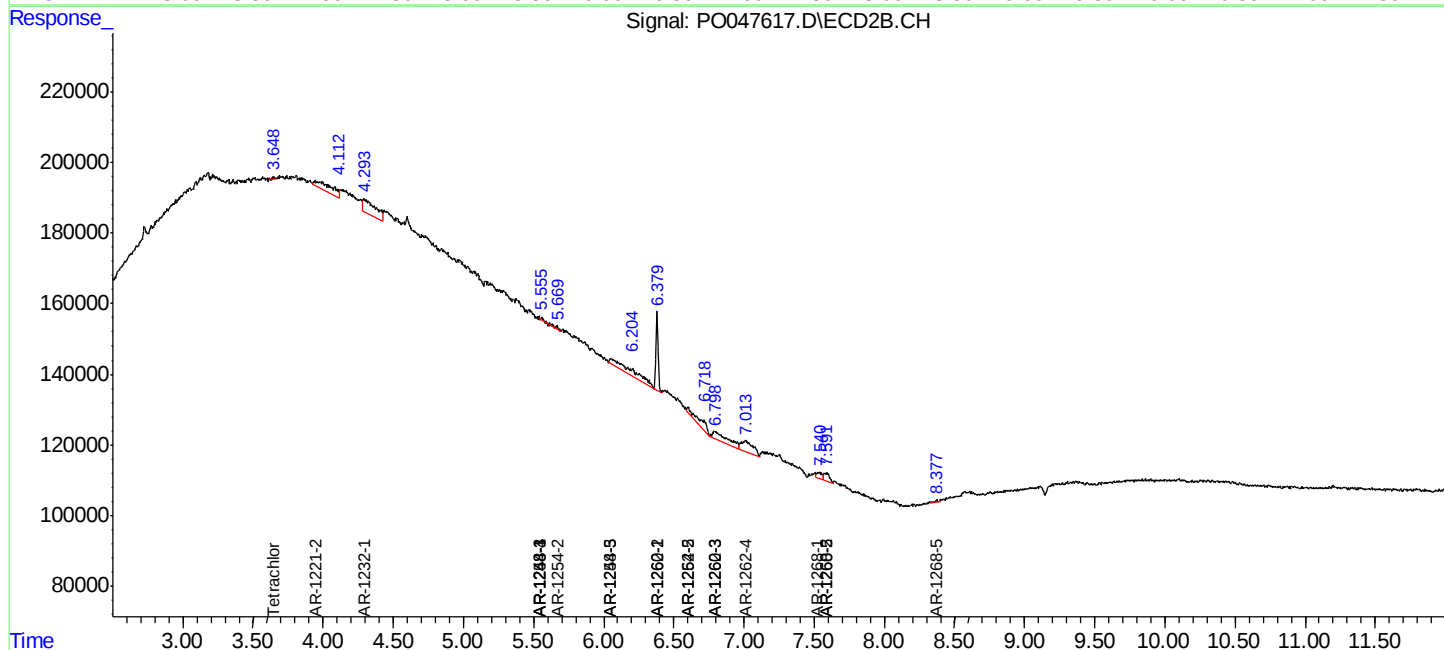
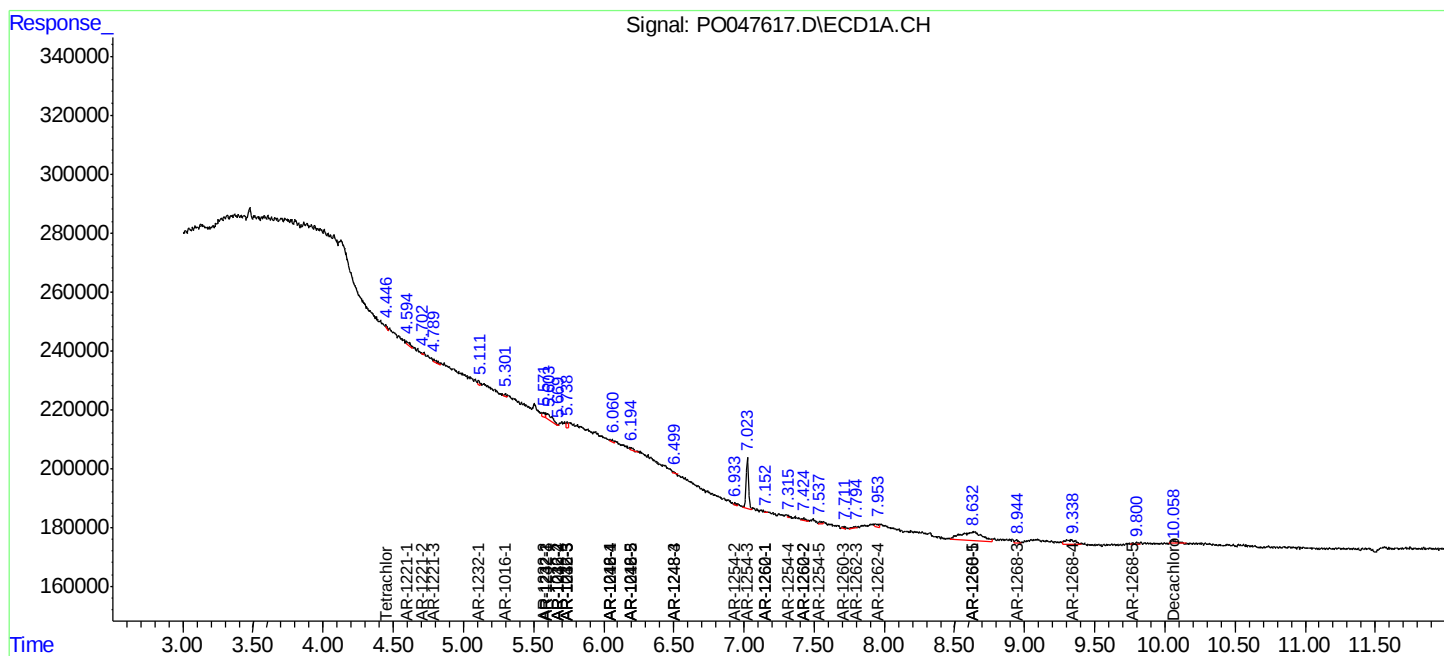
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

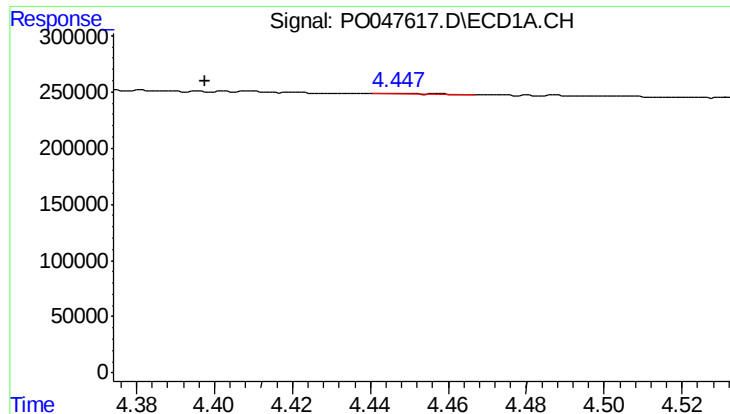
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

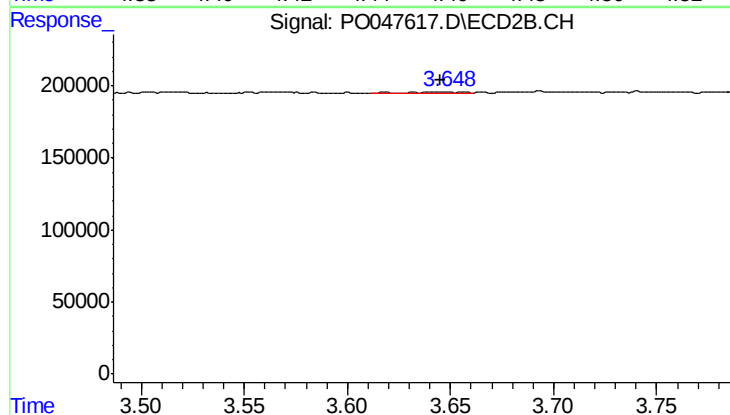




#1 Tetrachloro-m-xylene

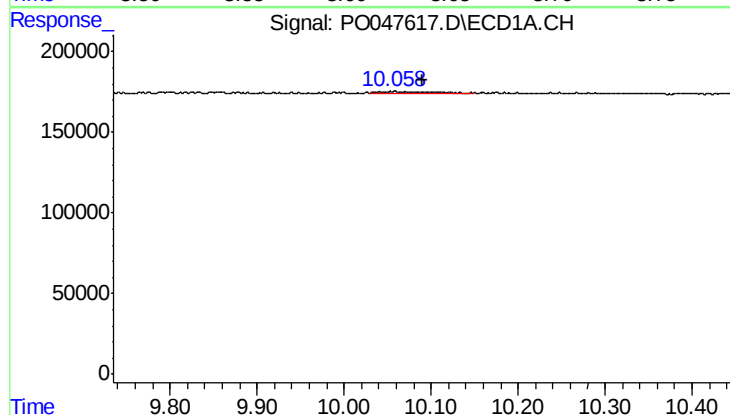
R.T.: 4.447 min
Delta R.T.: 0.049 min
Response: 7485
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



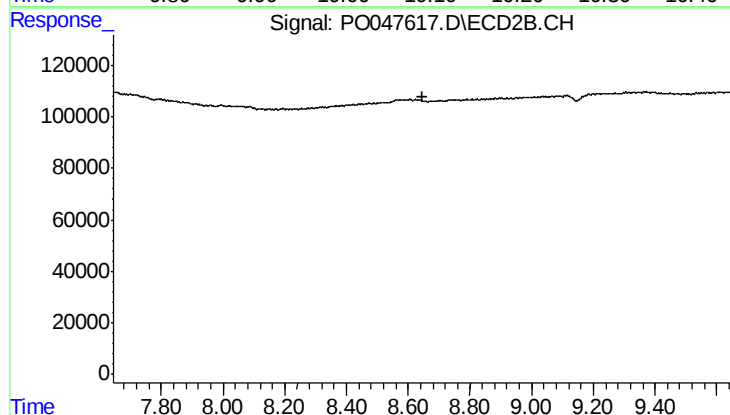
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.002 min
Response: 5317
Conc: 0.02 ng/ml



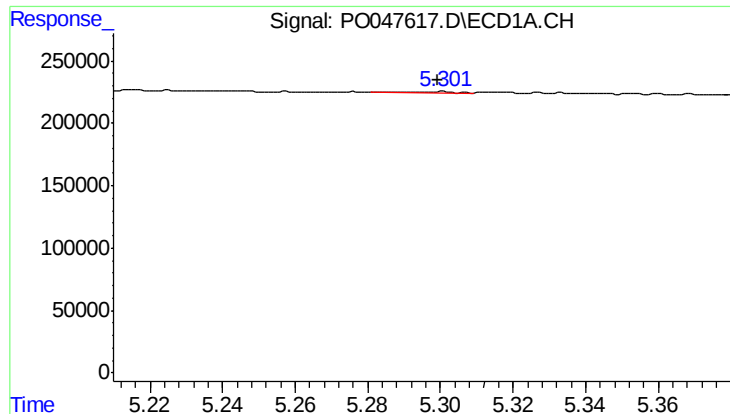
#2 Decachlorobiphenyl

R.T.: 10.057 min
Delta R.T.: -0.033 min
Response: 29126
Conc: 0.18 ng/ml



#2 Decachlorobiphenyl

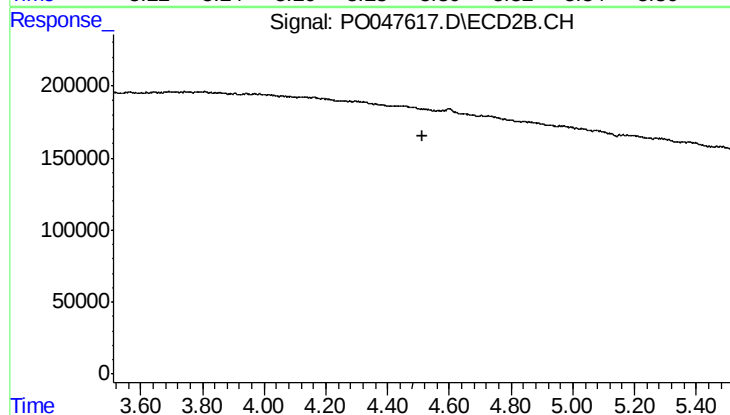
R.T.: 0.000 min
Exp R.T.: 8.645 min
Response: 0
Conc: N.D.



#3 AR-1016-1

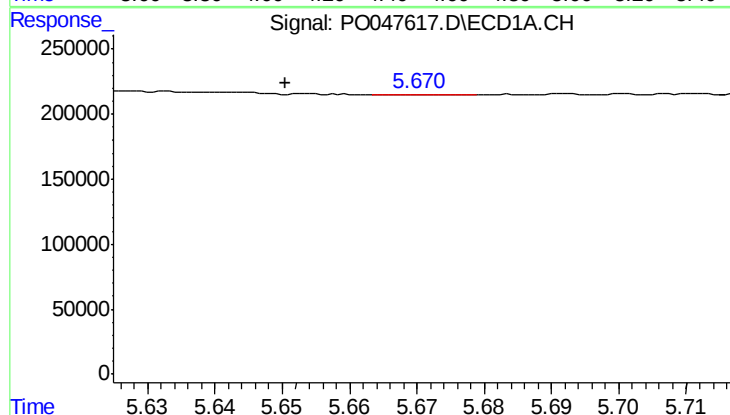
R.T.: 5.300 min
Delta R.T.: 0.001 min
Response: 10775
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



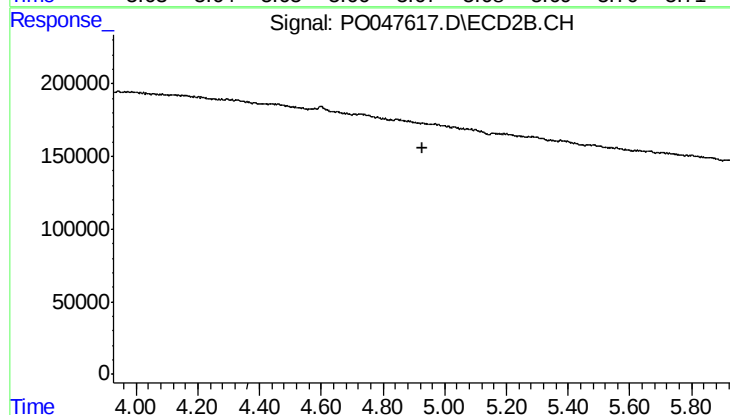
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 4.511 min
Response: 0
Conc: N.D.



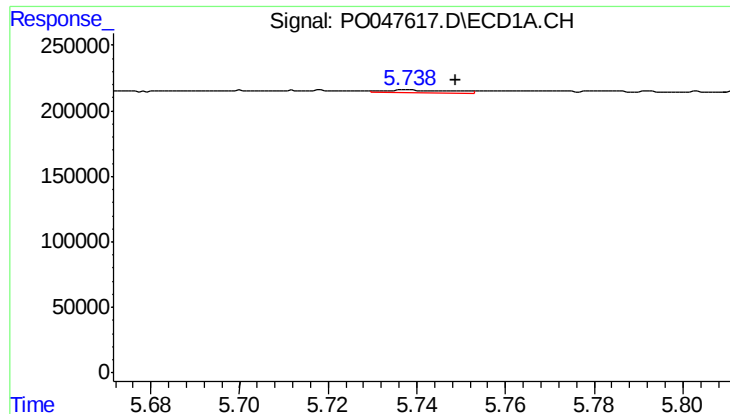
#4 AR-1016-2

R.T.: 5.670 min
Delta R.T.: 0.020 min
Response: 3977
Conc: 0.68 ng/ml



#4 AR-1016-2

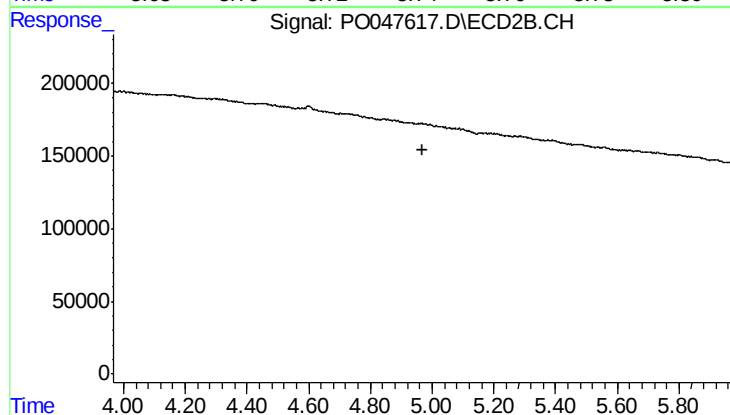
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.



#5 AR-1016-3

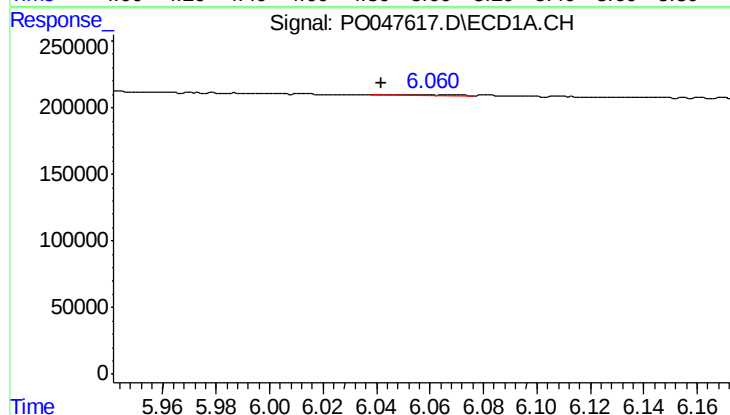
R.T.: 5.738 min
Delta R.T.: -0.011 min
Response: 23632
Conc: 4.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



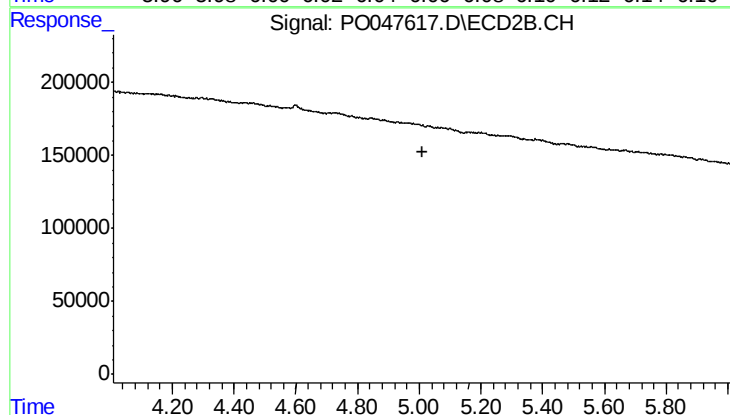
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 4.967 min
Response: 0
Conc: N.D.



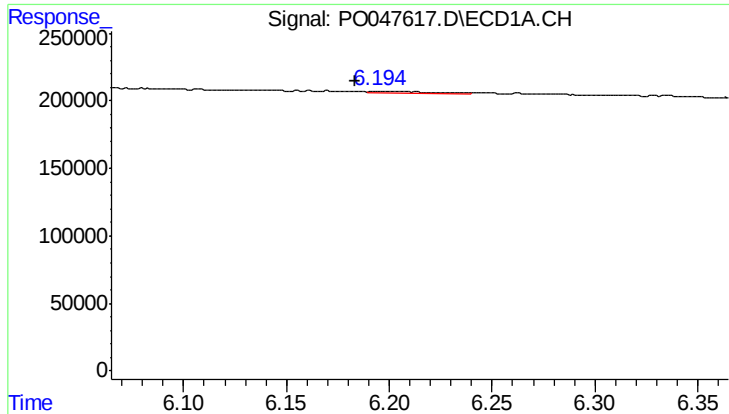
#6 AR-1016-4

R.T.: 6.045 min
Delta R.T.: 0.003 min
Response: 13197
Conc: 2.84 ng/ml



#6 AR-1016-4

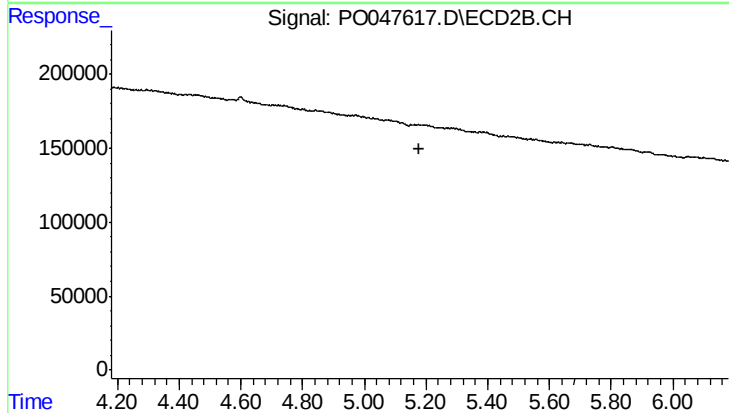
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.



#7 AR-1016-5

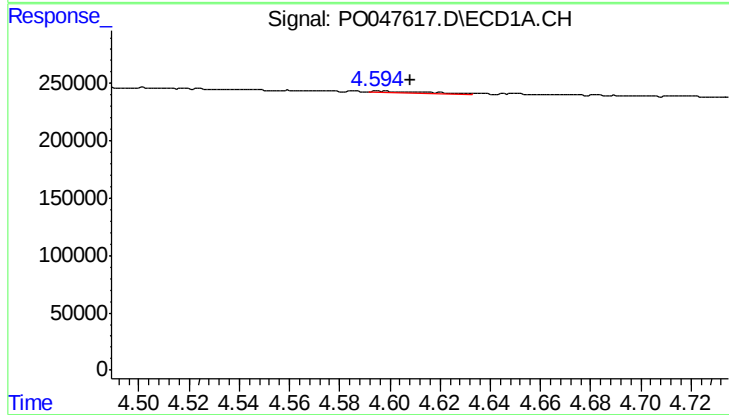
R.T.: 6.195 min
Delta R.T.: 0.011 min
Response: 16310
Conc: 3.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



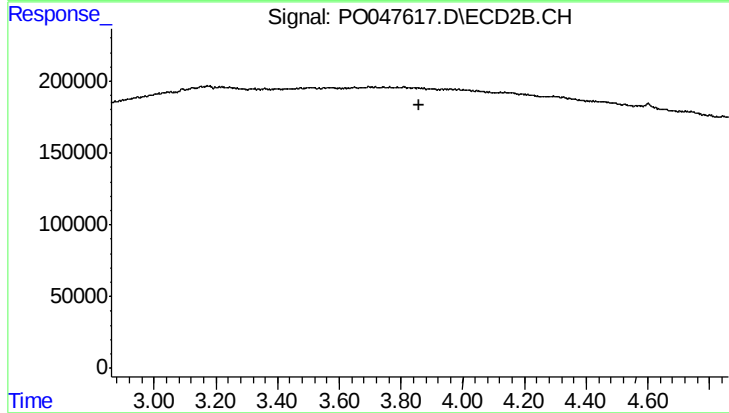
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



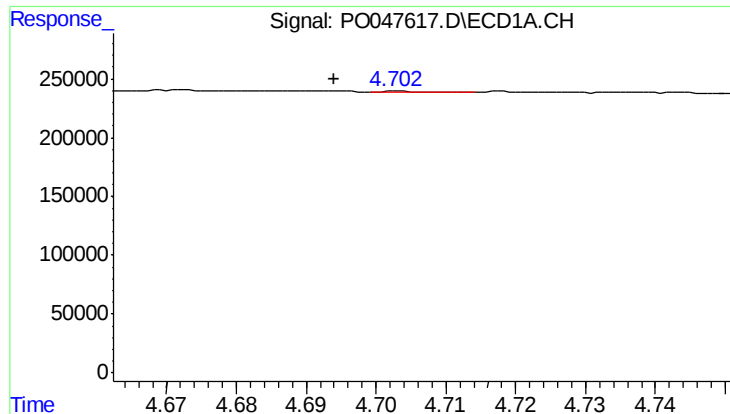
#8 AR-1221-1

R.T.: 4.595 min
Delta R.T.: -0.013 min
Response: 18747
Conc: 8.48 ng/ml



#8 AR-1221-1

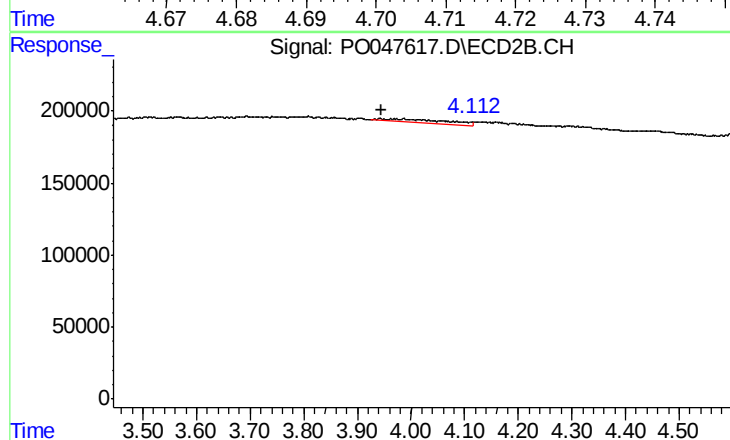
R.T.: 0.000 min
Exp R.T.: 3.861 min
Response: 0
Conc: N.D.



#9 AR-1221-2

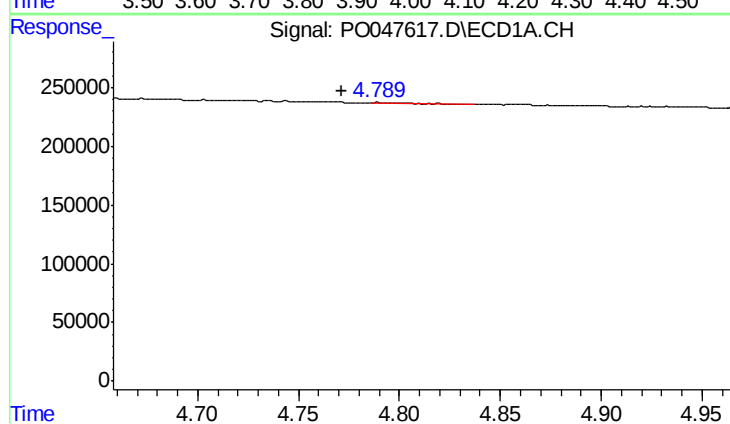
R.T.: 4.703 min
Delta R.T.: 0.009 min
Response: 3069
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



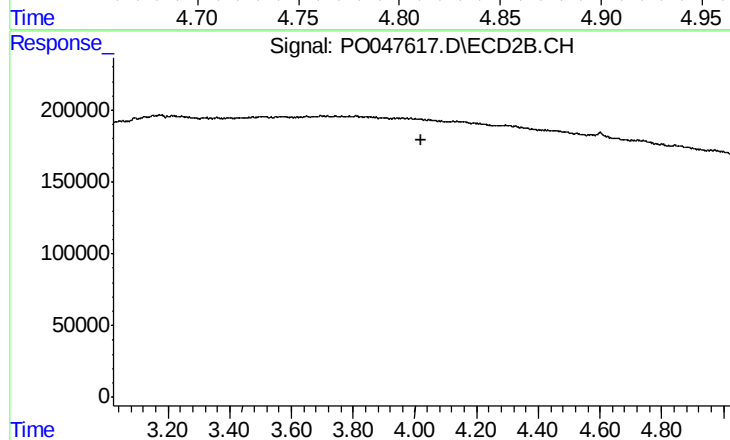
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 193837
Conc: 106.85 ng/ml



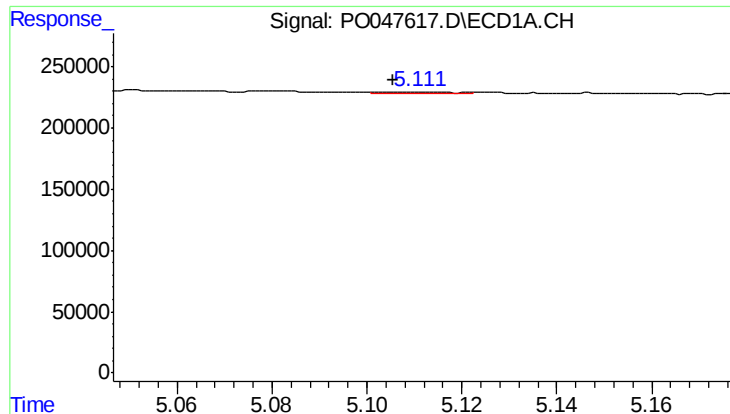
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: 0.018 min
Response: 14373
Conc: 2.78 ng/ml



#10 AR-1221-3

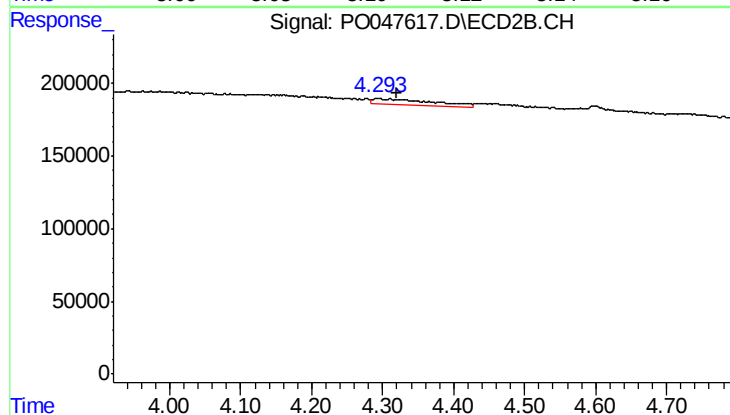
R.T.: 0.000 min
Exp R.T.: 4.022 min
Response: 0
Conc: N.D.



#11 AR-1232-1

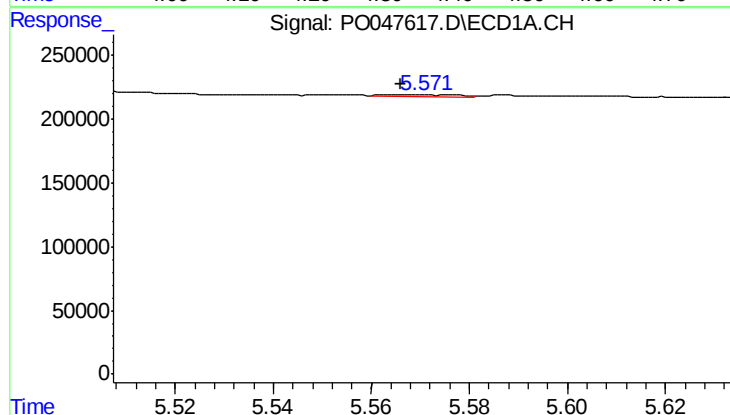
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 11771
Conc: 5.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



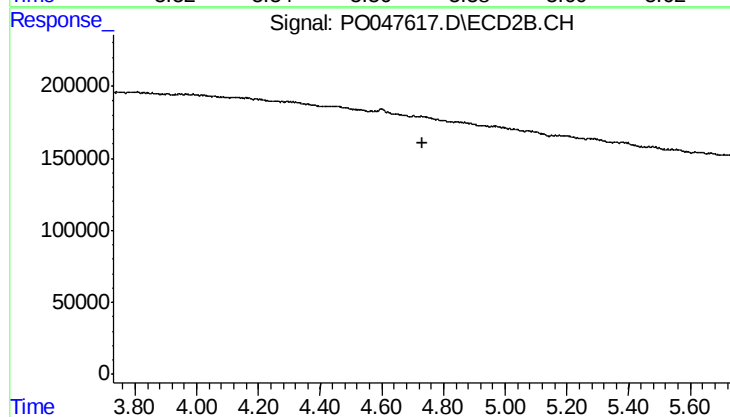
#11 AR-1232-1

R.T.: 4.294 min
Delta R.T.: -0.026 min
Response: 248263
Conc: 105.57 ng/ml



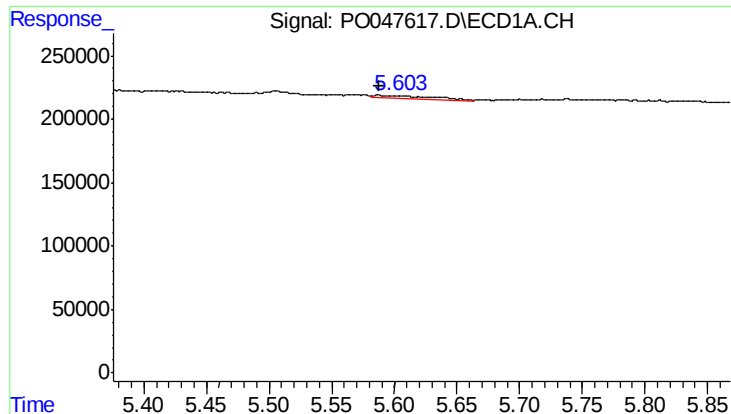
#12 AR-1232-2

R.T.: 5.570 min
Delta R.T.: 0.004 min
Response: 17053
Conc: 5.80 ng/ml



#12 AR-1232-2

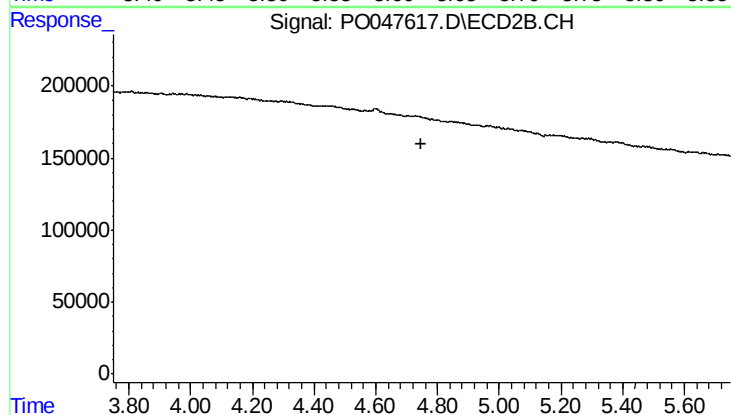
R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.



#13 AR-1232-3

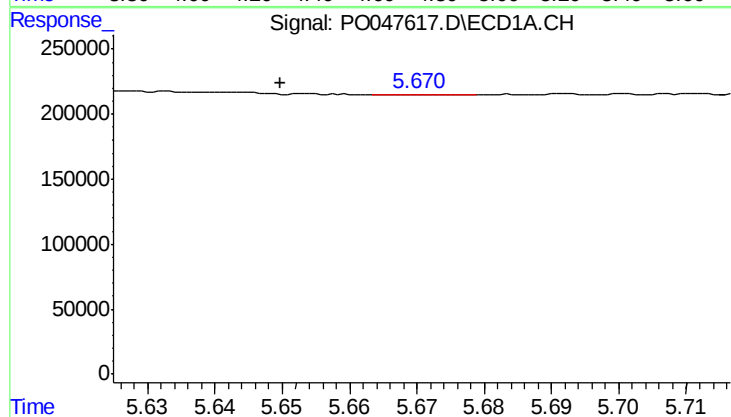
R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 73215
Conc: 17.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



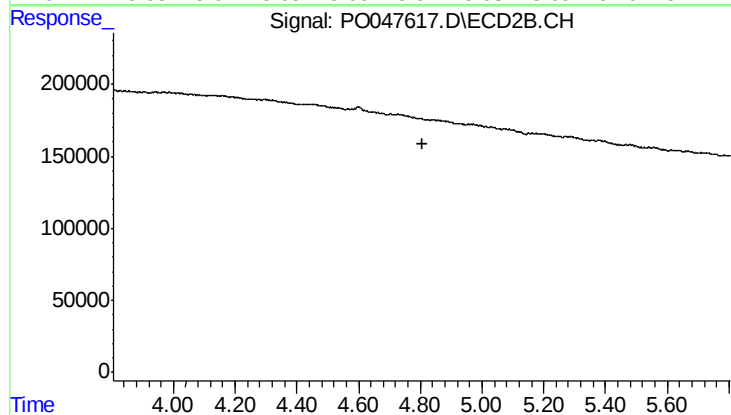
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.749 min
Response: 0
Conc: N.D.



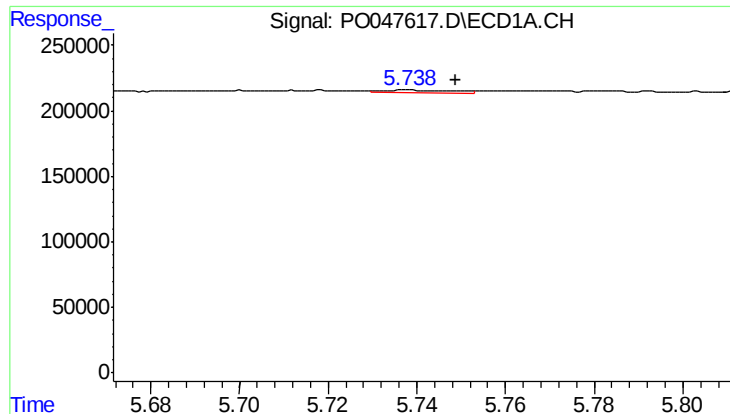
#14 AR-1232-4

R.T.: 5.670 min
Delta R.T.: 0.020 min
Response: 3977
Conc: 1.44 ng/ml



#14 AR-1232-4

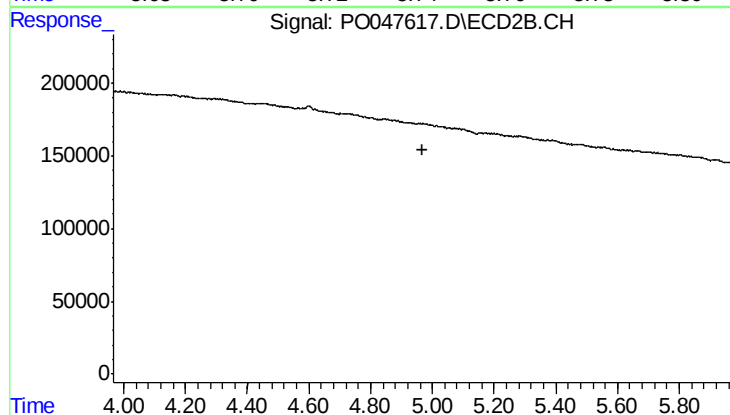
R.T.: 4.842 min
Delta R.T.: 0.037 min
Response: -6440
Conc: N.D.



#15 AR-1232-5

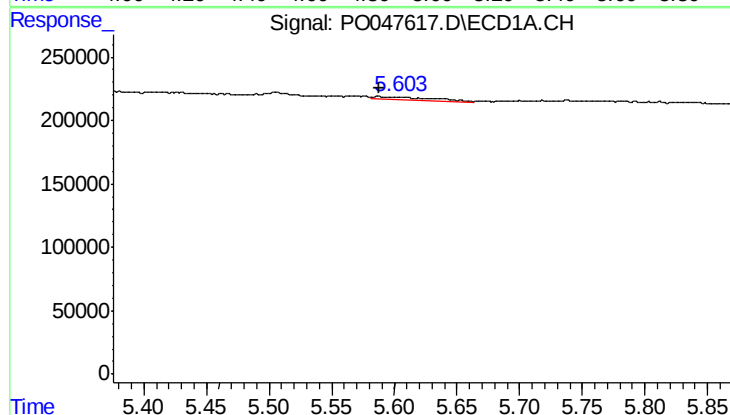
R.T.: 5.738 min
Delta R.T.: -0.011 min
Response: 23632
Conc: 10.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



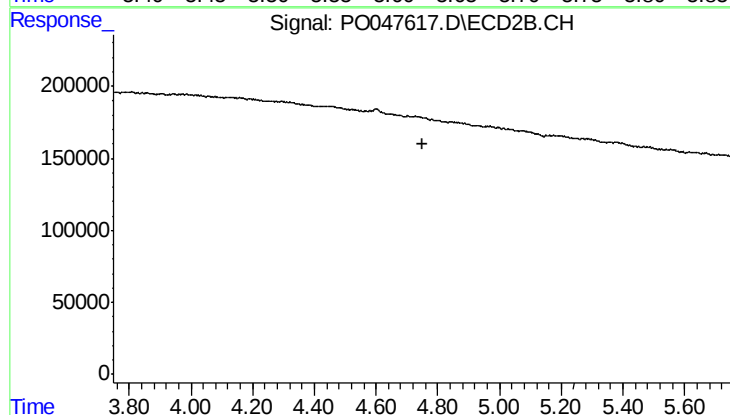
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 4.966 min
Response: 0
Conc: N.D.



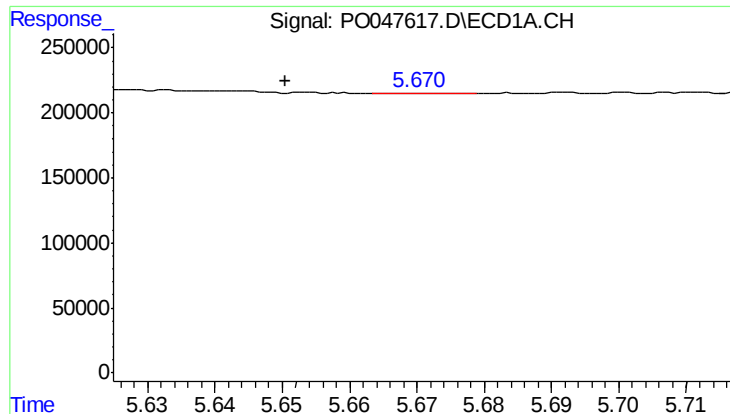
#16 AR-1242-1

R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 73215
Conc: 9.96 ng/ml



#16 AR-1242-1

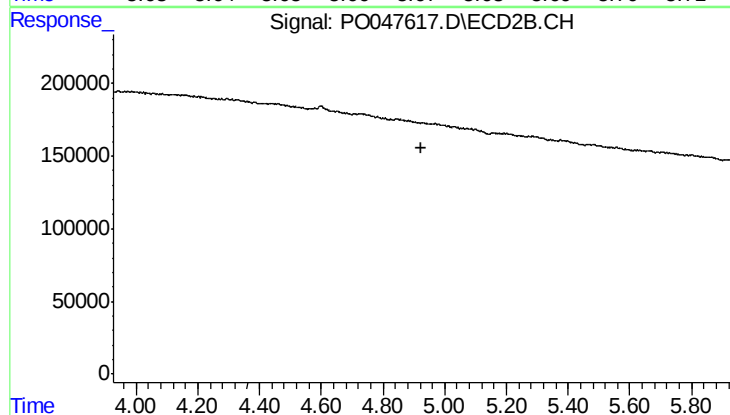
R.T.: 0.000 min
Exp R.T.: 4.749 min
Response: 0
Conc: N.D.



#17 AR-1242-2

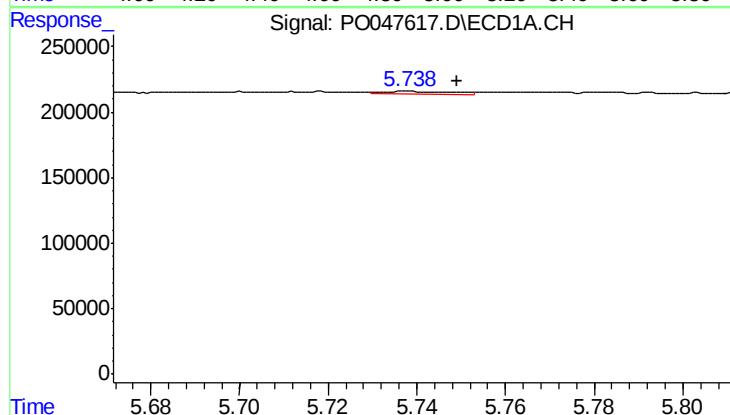
R.T.: 5.670 min
Delta R.T.: 0.020 min
Response: 3977
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



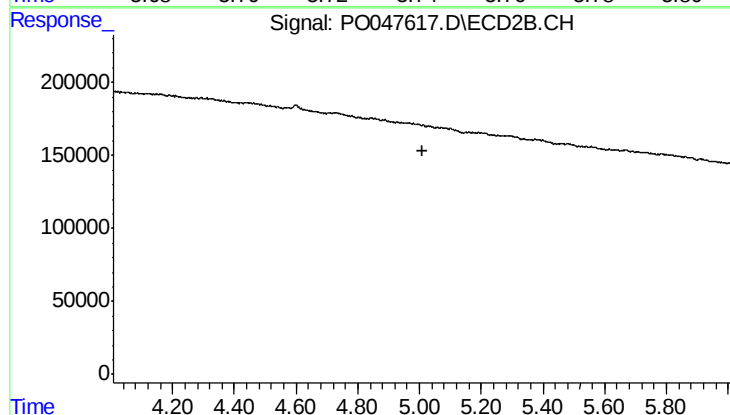
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.



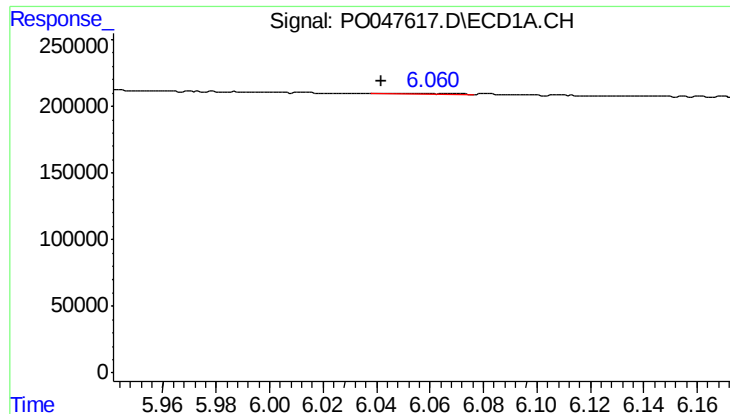
#18 AR-1242-3

R.T.: 5.738 min
Delta R.T.: -0.011 min
Response: 23632
Conc: 6.15 ng/ml



#18 AR-1242-3

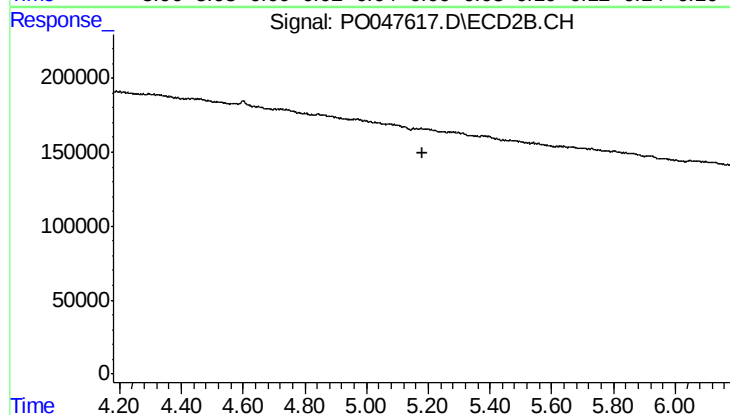
R.T.: 0.000 min
Exp R.T.: 5.008 min
Response: 0
Conc: N.D.



#19 AR-1242-4

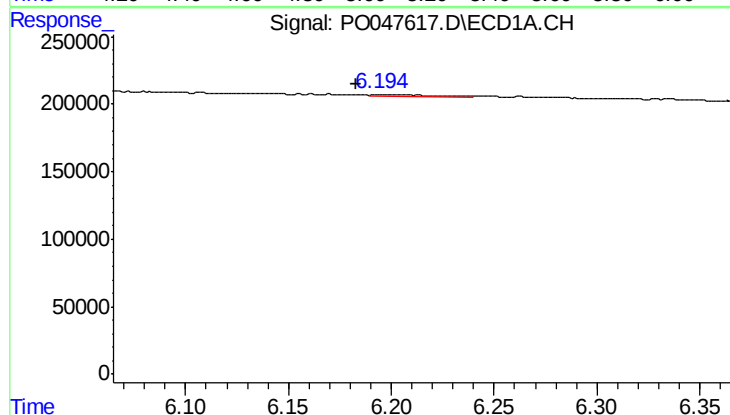
R.T.: 6.045 min
Delta R.T.: 0.003 min
Response: 13197
Conc: 3.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



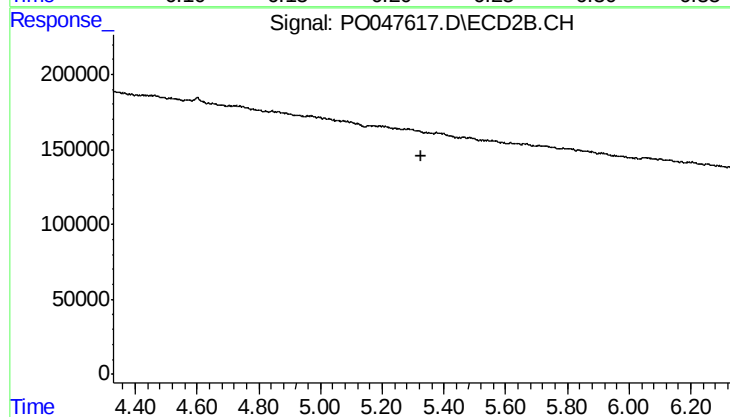
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



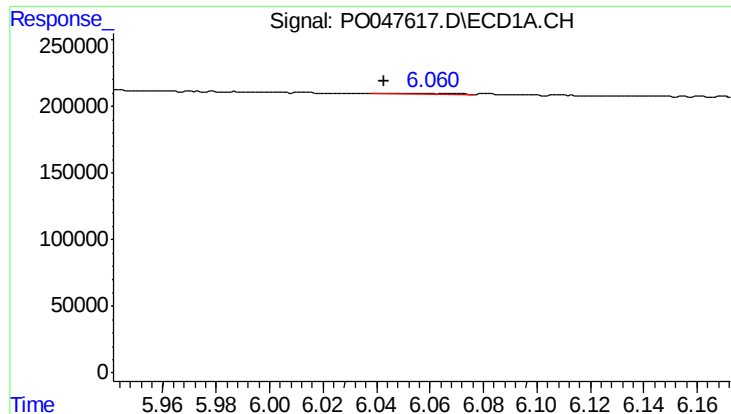
#20 AR-1242-5

R.T.: 6.195 min
Delta R.T.: 0.012 min
Response: 16310
Conc: 3.81 ng/ml



#20 AR-1242-5

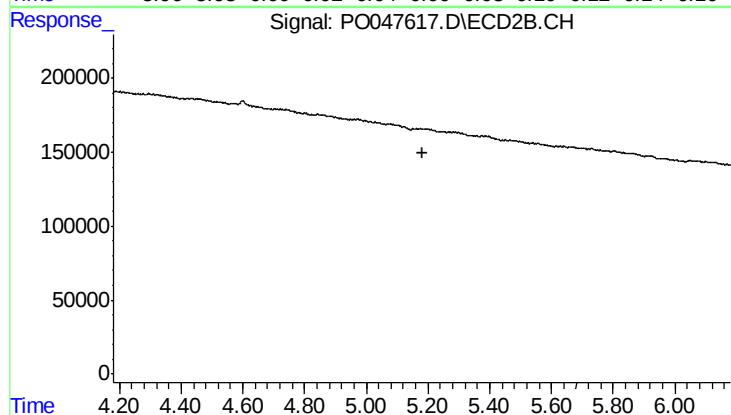
R.T.: 0.000 min
Exp R.T.: 5.329 min
Response: 0
Conc: N.D.



#21 AR-1248-1

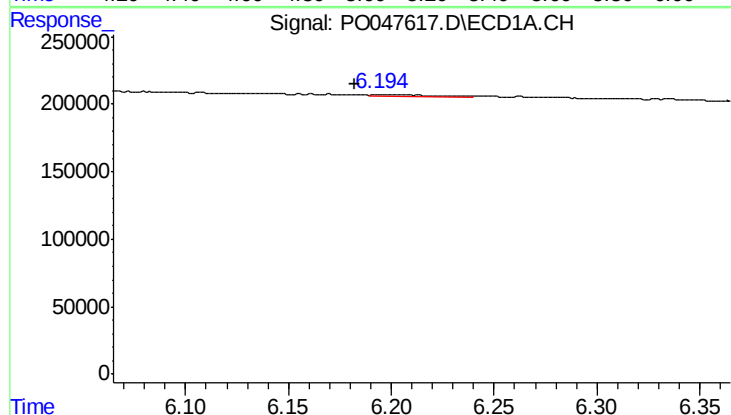
R.T.: 6.045 min
Delta R.T.: 0.002 min
Response: 13197
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



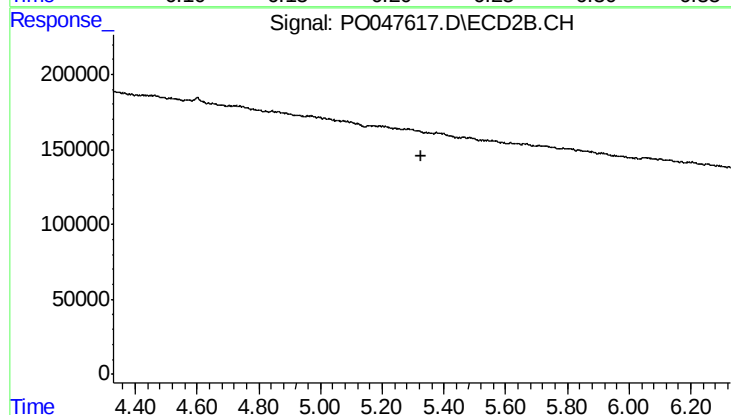
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



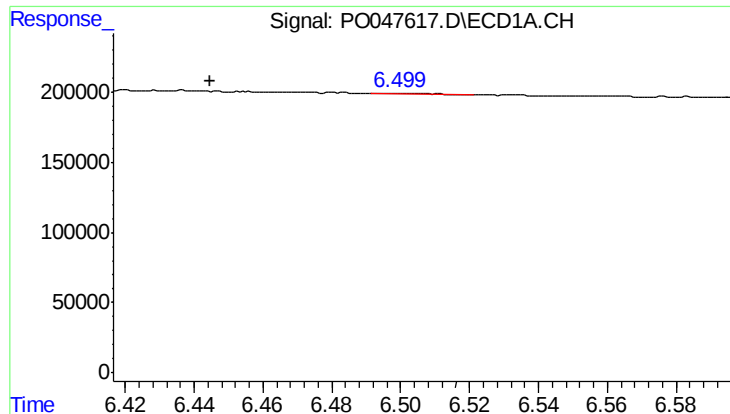
#22 AR-1248-2

R.T.: 6.195 min
Delta R.T.: 0.012 min
Response: 16310
Conc: 2.99 ng/ml



#22 AR-1248-2

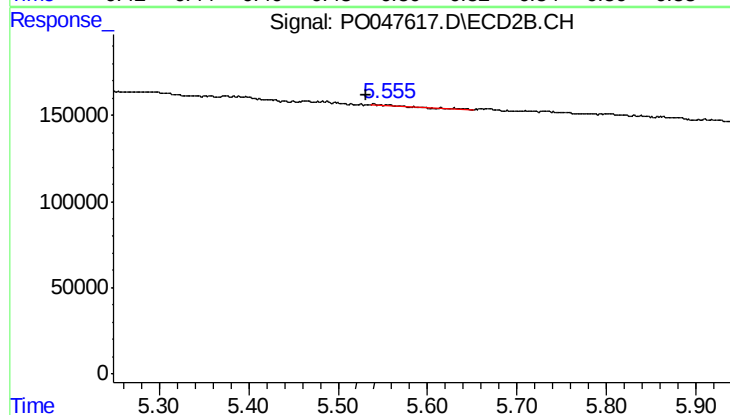
R.T.: 0.000 min
Exp R.T.: 5.328 min
Response: 0
Conc: N.D.



#23 AR-1248-3

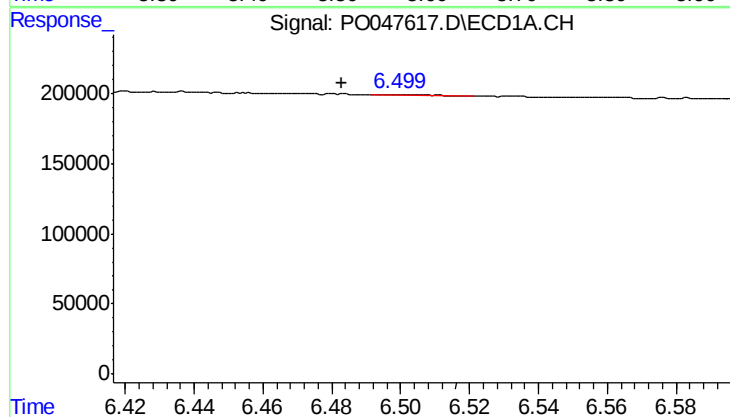
R.T.: 6.499 min
Delta R.T.: 0.054 min
Response: 2765
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



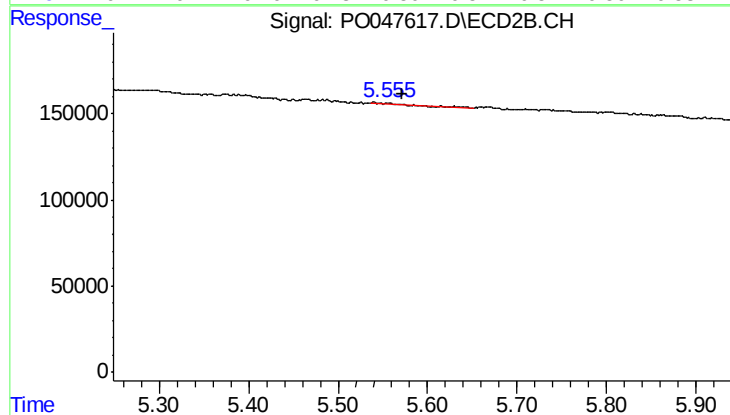
#23 AR-1248-3

R.T.: 5.539 min
Delta R.T.: 0.008 min
Response: 13517
Conc: 1.36 ng/ml



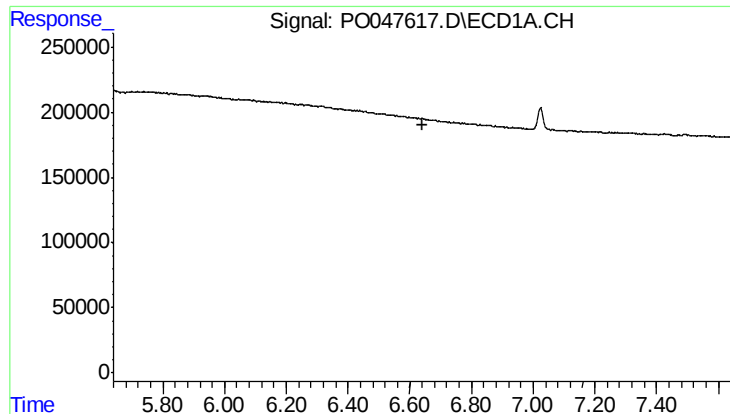
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: 0.016 min
Response: 2765
Conc: 0.41 ng/ml



#24 AR-1248-4

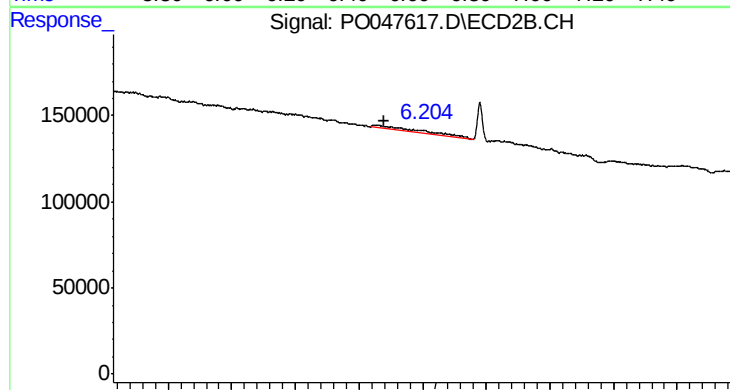
R.T.: 5.539 min
Delta R.T.: -0.033 min
Response: 13517
Conc: 1.93 ng/ml



#25 AR-1248-5

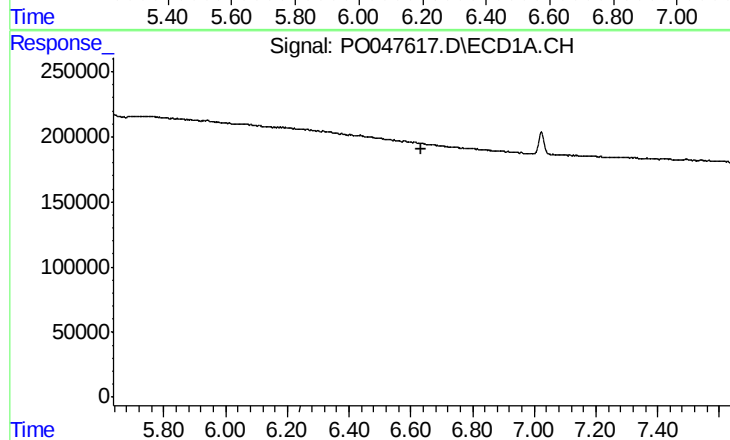
R.T.: 0.000 min
Exp R.T.: 6.640 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



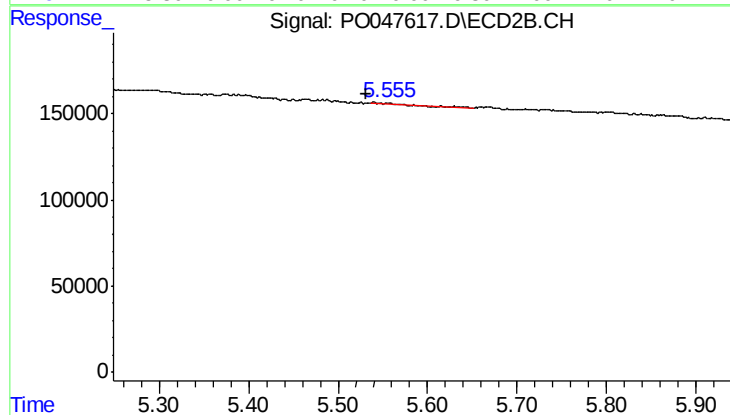
#25 AR-1248-5

R.T.: 6.048 min
Delta R.T.: -0.033 min
Response: 256889
Conc: 53.90 ng/ml



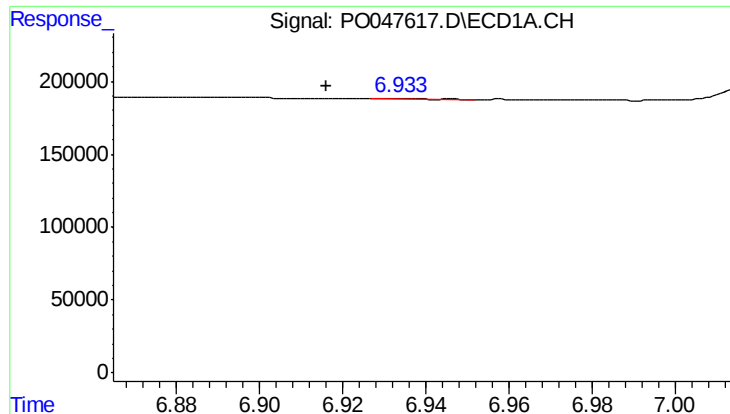
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.636 min
Response: 0
Conc: N.D.



#26 AR-1254-1

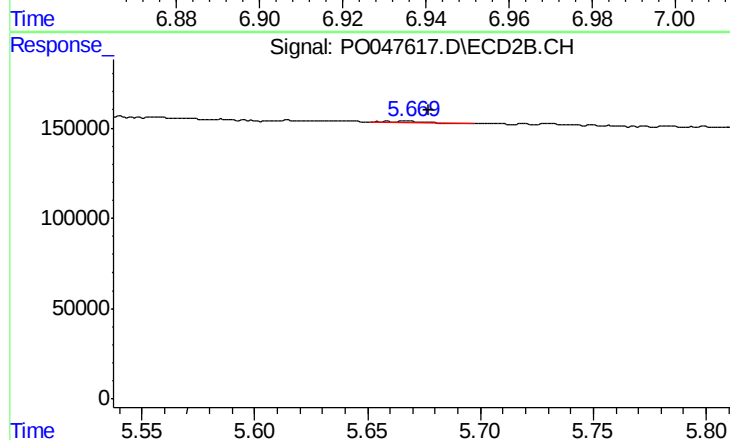
R.T.: 5.539 min
Delta R.T.: 0.008 min
Response: 13517
Conc: 1.10 ng/ml



#27 AR-1254-2

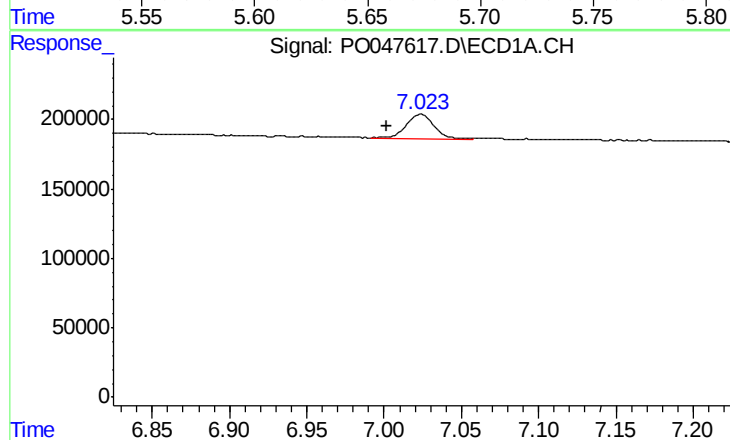
R.T.: 6.933 min
Delta R.T.: 0.017 min
Response: 3475
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



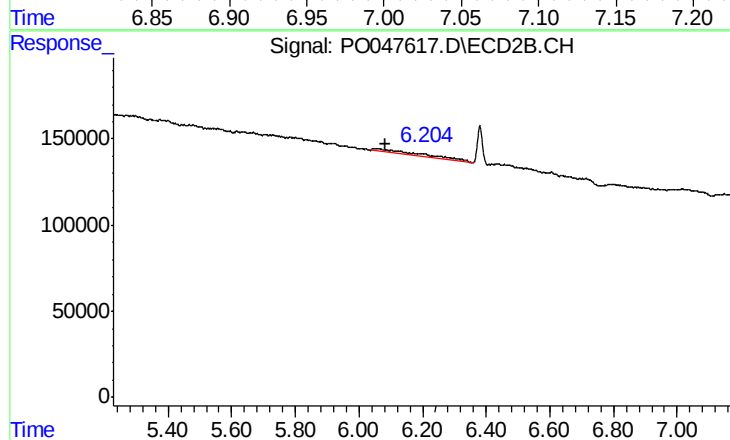
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.010 min
Response: 11716
Conc: 1.13 ng/ml



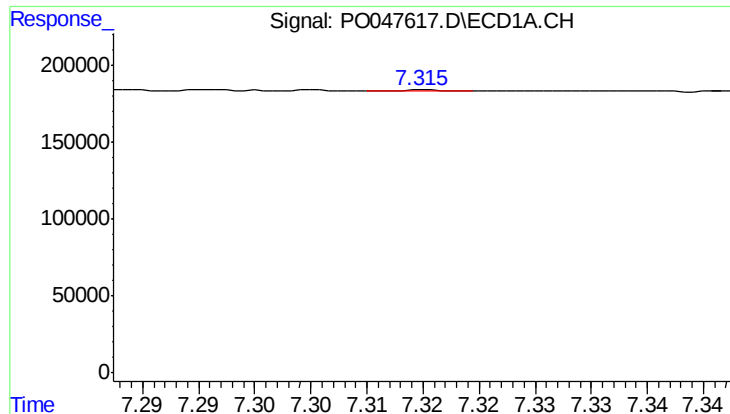
#28 AR-1254-3

R.T.: 7.024 min
Delta R.T.: 0.021 min
Response: 210246
Conc: 16.12 ng/ml



#28 AR-1254-3

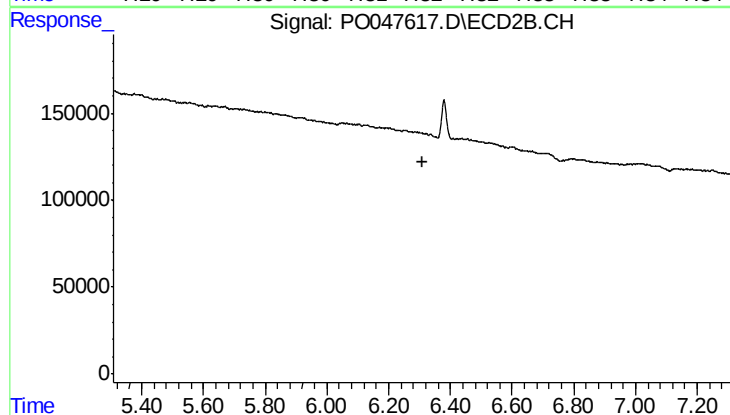
R.T.: 6.048 min
Delta R.T.: -0.034 min
Response: 256889
Conc: 14.80 ng/ml



#29 AR-1254-4

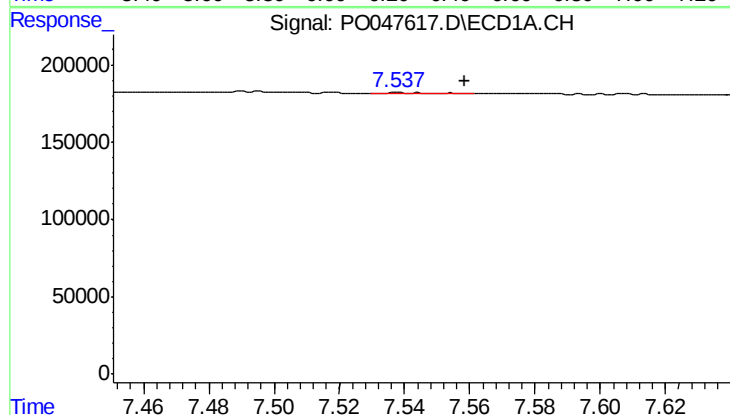
R.T.: 7.315 min
Delta R.T.: 0.028 min
Response: 2770
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



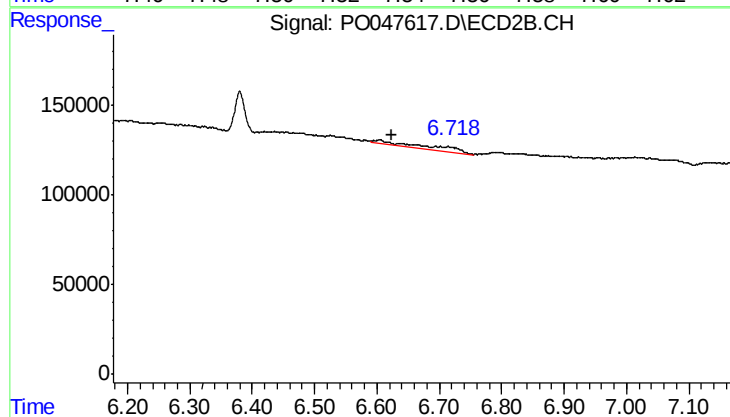
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.308 min
Response: 0
Conc: N.D.



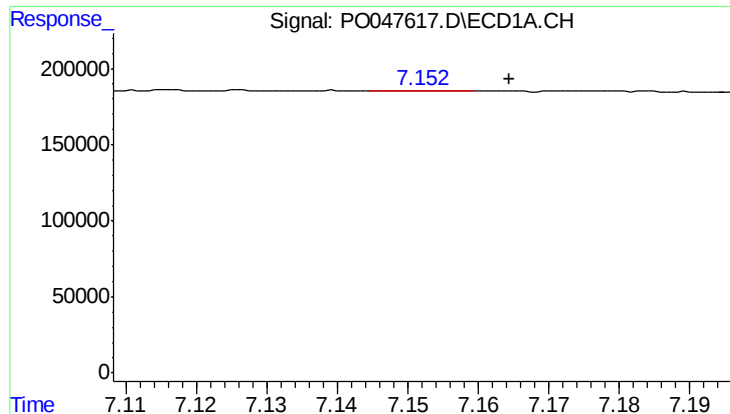
#30 AR-1254-5

R.T.: 7.538 min
Delta R.T.: -0.021 min
Response: 10308
Conc: 1.40 ng/ml



#30 AR-1254-5

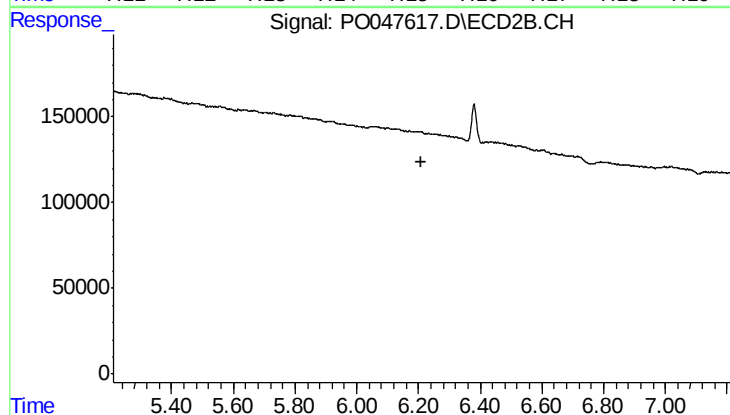
R.T.: 6.602 min
Delta R.T.: -0.021 min
Response: 144517
Conc: 18.90 ng/ml



#31 AR-1260-1

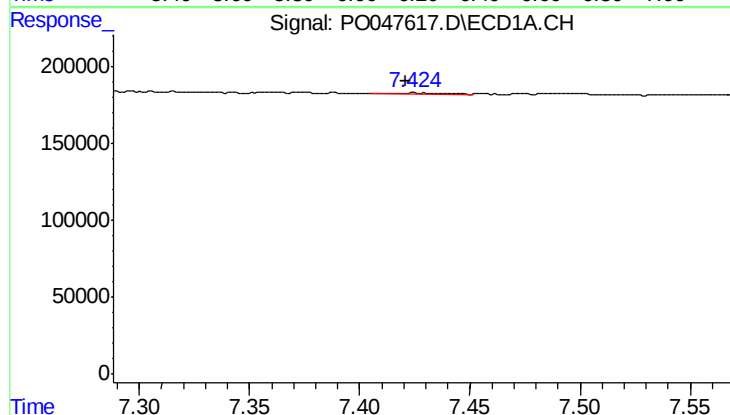
R.T.: 7.152 min
Delta R.T.: -0.012 min
Response: 1572
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



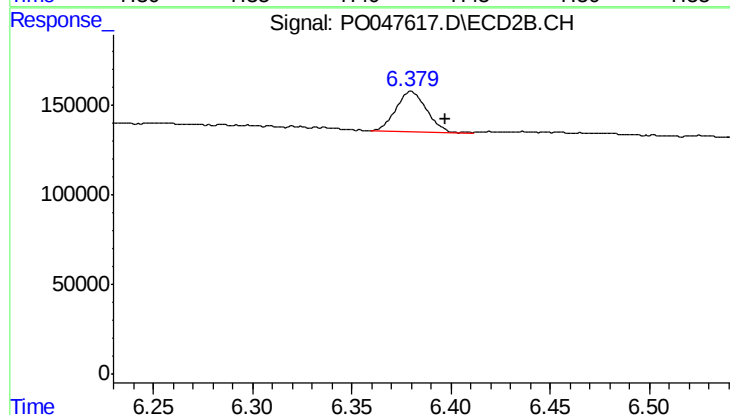
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.211 min
Response: 0
Conc: N.D.



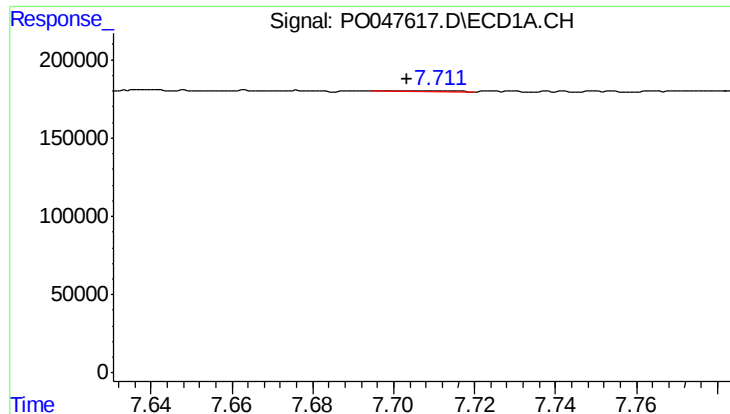
#32 AR-1260-2

R.T.: 7.424 min
Delta R.T.: 0.003 min
Response: 14796
Conc: 1.33 ng/ml



#32 AR-1260-2

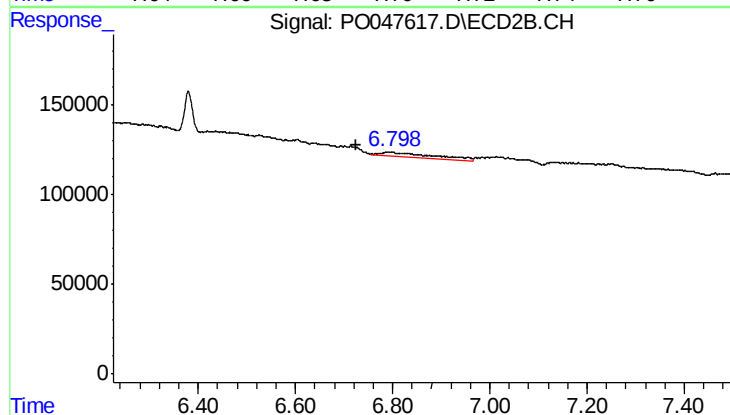
R.T.: 6.380 min
Delta R.T.: -0.017 min
Response: 238745
Conc: 17.81 ng/ml



#33 AR-1260-3

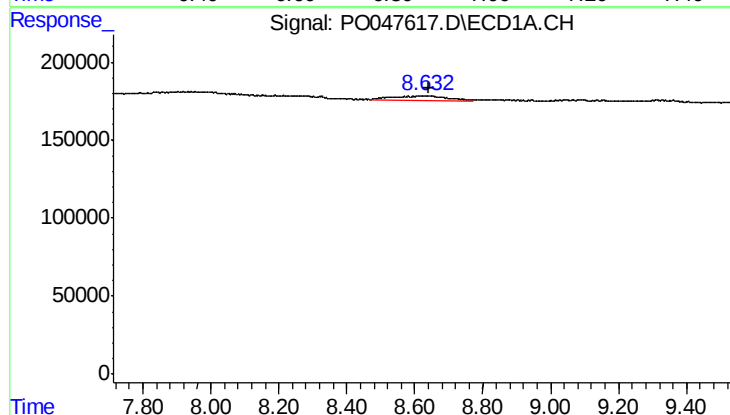
R.T.: 7.711 min
Delta R.T.: 0.008 min
Response: 5019
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



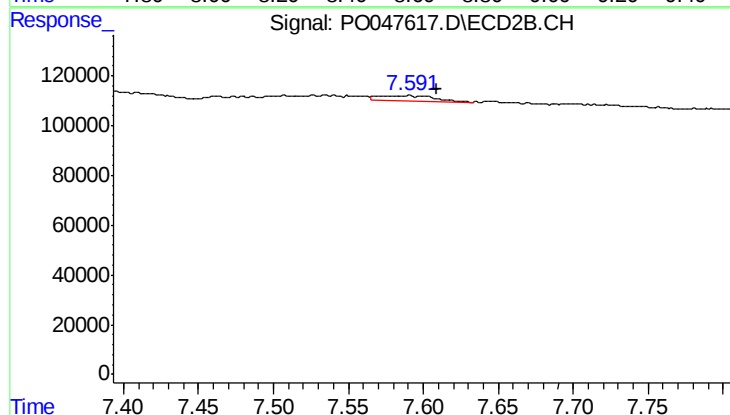
#33 AR-1260-3

R.T.: 6.793 min
Delta R.T.: 0.068 min
Response: 163400
Conc: 11.24 ng/ml



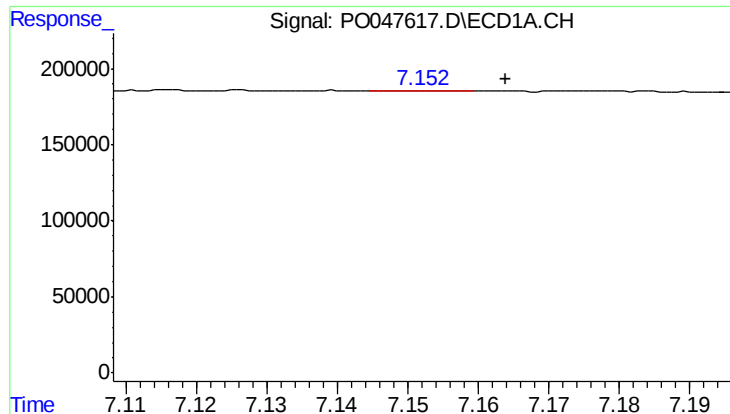
#35 AR-1260-5

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 304736
Conc: 26.69 ng/ml



#35 AR-1260-5

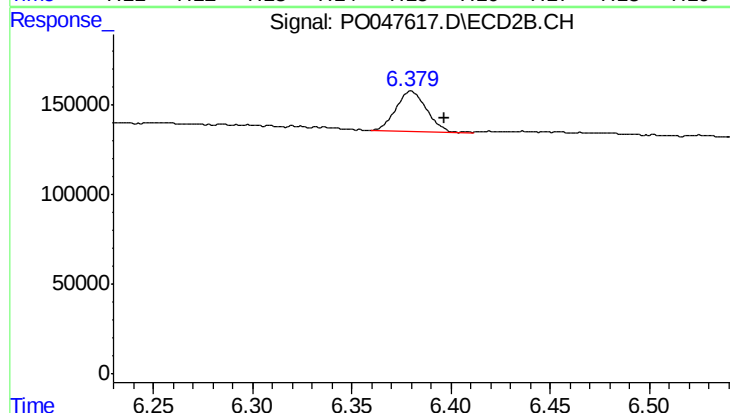
R.T.: 7.590 min
Delta R.T.: -0.020 min
Response: 57957
Conc: 3.72 ng/ml



#36 AR-1262-1

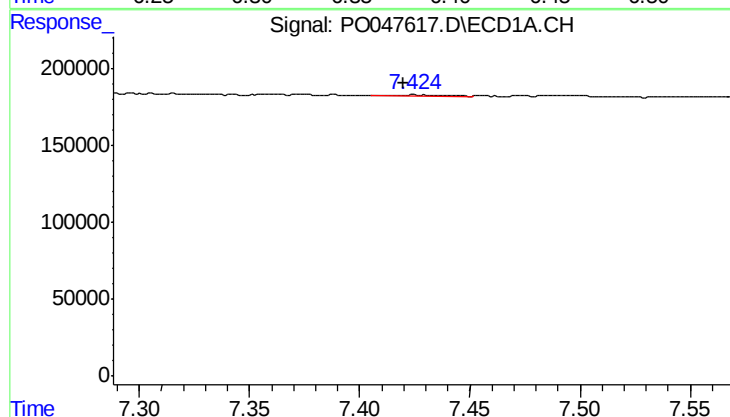
R.T.: 7.152 min
Delta R.T.: -0.012 min
Response: 1572
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



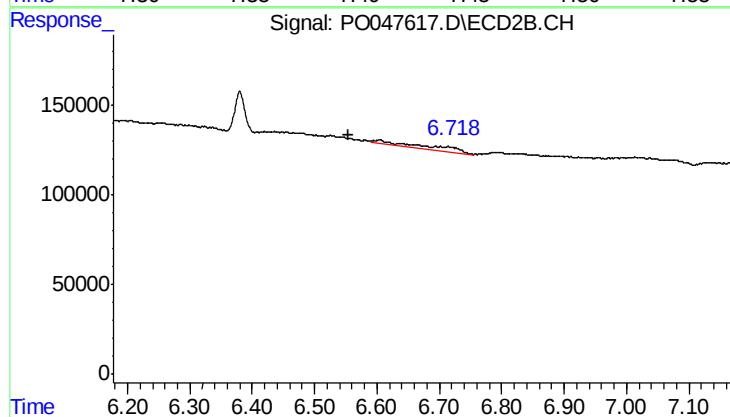
#36 AR-1262-1

R.T.: 6.380 min
Delta R.T.: -0.016 min
Response: 238745
Conc: 21.06 ng/ml



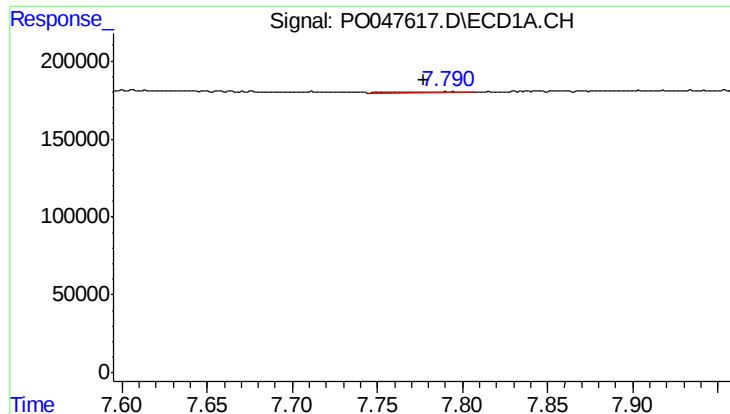
#37 AR-1262-2

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 14796
Conc: 1.53 ng/ml



#37 AR-1262-2

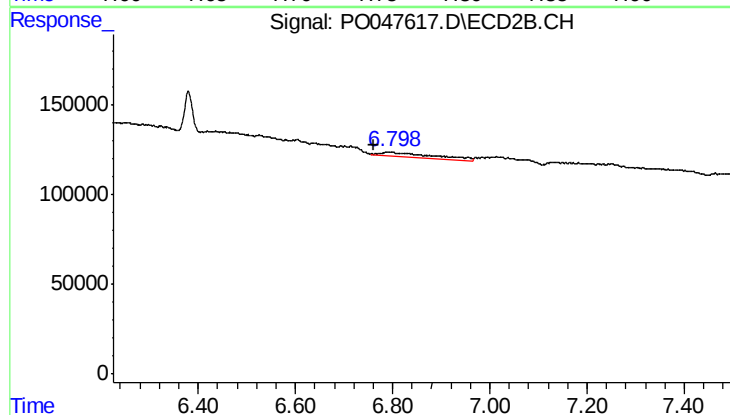
R.T.: 6.602 min
Delta R.T.: 0.049 min
Response: 144517
Conc: 12.81 ng/ml



#38 AR-1262-3

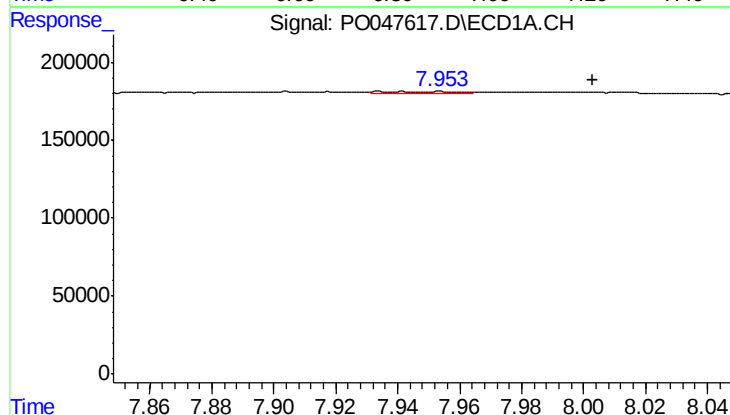
R.T.: 7.792 min
Delta R.T.: 0.014 min
Response: 10783
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



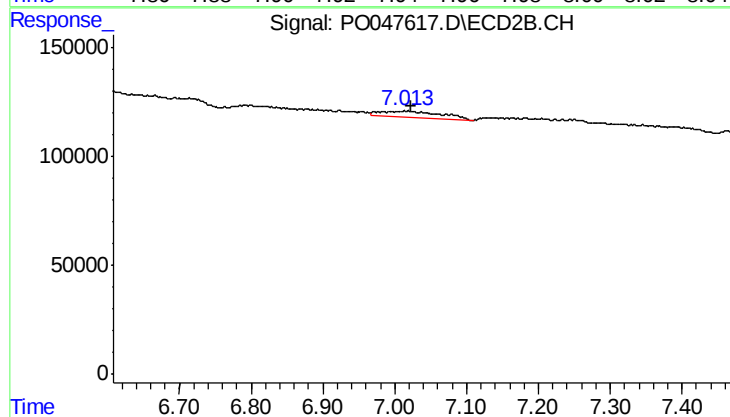
#38 AR-1262-3

R.T.: 6.793 min
Delta R.T.: 0.030 min
Response: 163400
Conc: 10.83 ng/ml



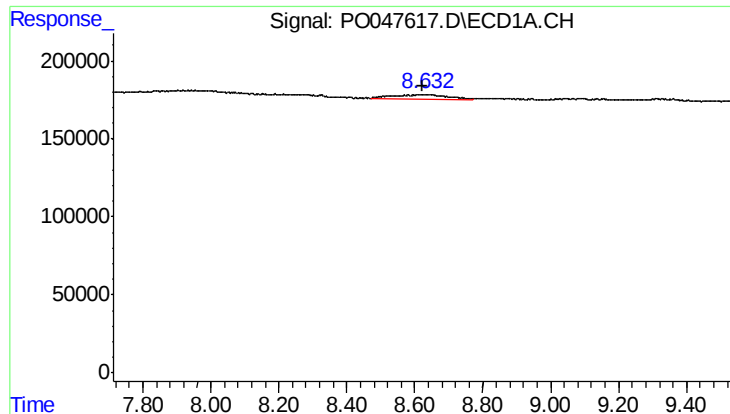
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.050 min
Response: 18420
Conc: 1.56 ng/ml



#39 AR-1262-4

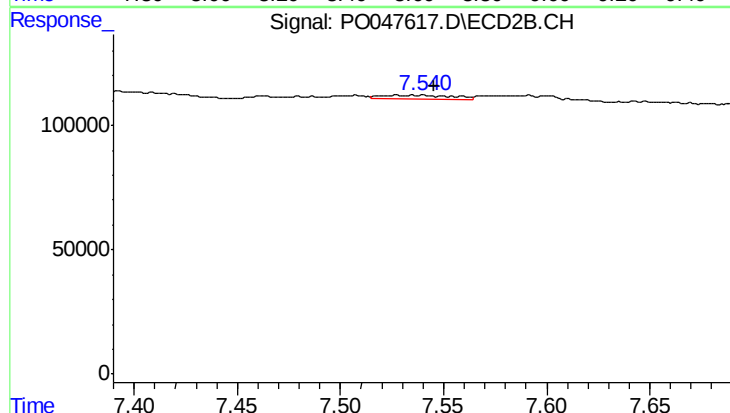
R.T.: 7.015 min
Delta R.T.: -0.007 min
Response: 174260
Conc: 13.23 ng/ml



#41 AR-1268-1

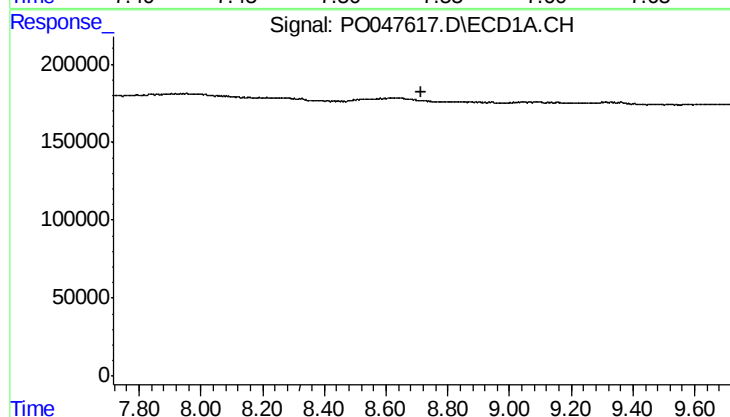
R.T.: 8.633 min
Delta R.T.: 0.010 min
Response: 304736
Conc: 13.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



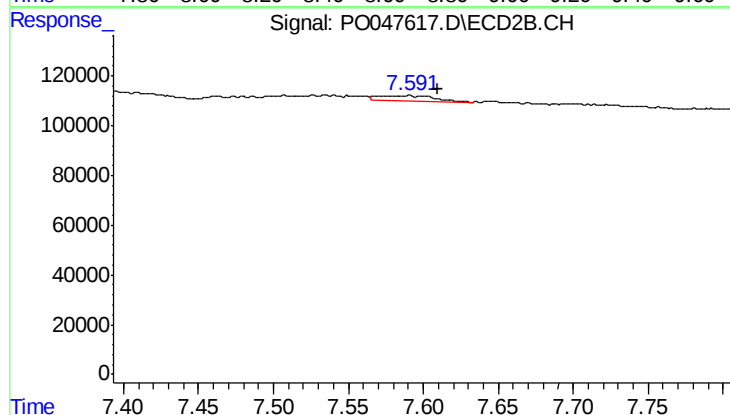
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: -0.019 min
Response: 38372
Conc: 1.48 ng/ml



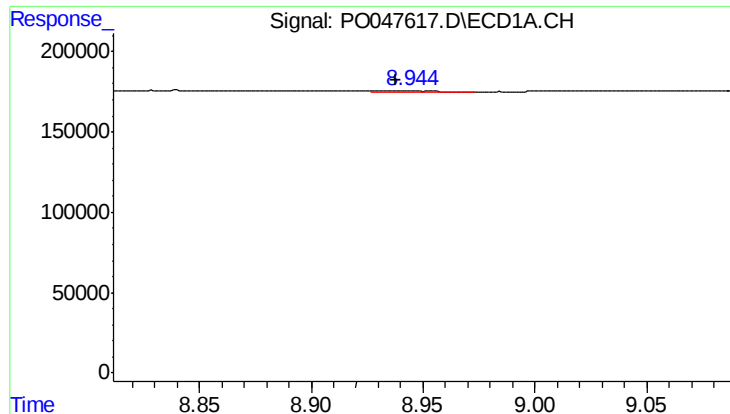
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.716 min
Response: 0
Conc: N.D.



#42 AR-1268-2

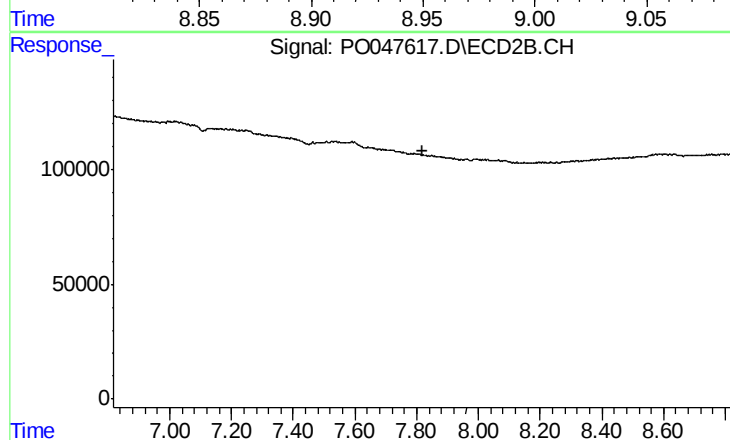
R.T.: 7.590 min
Delta R.T.: -0.020 min
Response: 57957
Conc: 2.33 ng/ml



#43 AR-1268-3

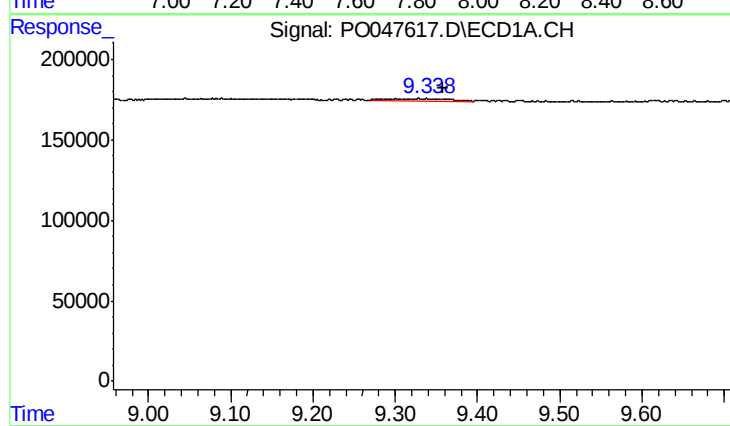
R.T.: 8.944 min
Delta R.T.: 0.006 min
Response: 15542
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



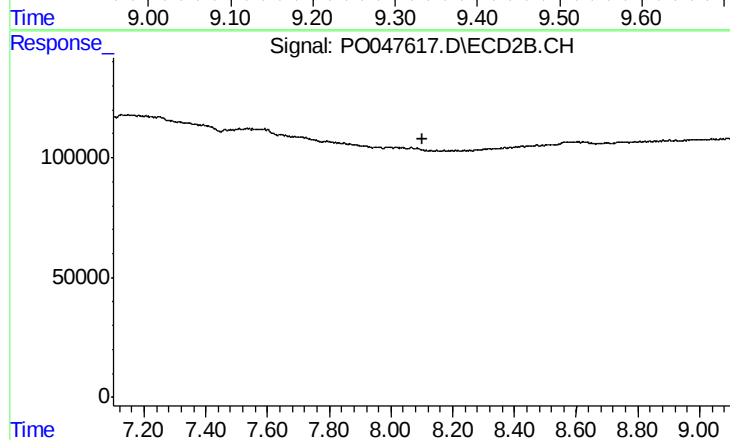
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.817 min
Response: 0
Conc: N.D.



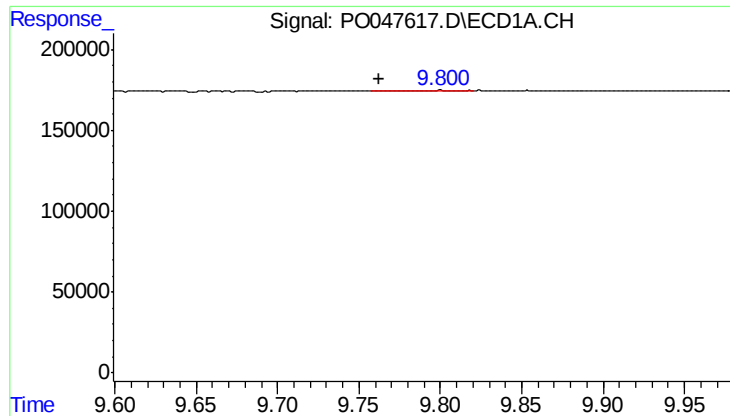
#44 AR-1268-4

R.T.: 9.338 min
Delta R.T.: -0.020 min
Response: 82058
Conc: 10.29 ng/ml



#44 AR-1268-4

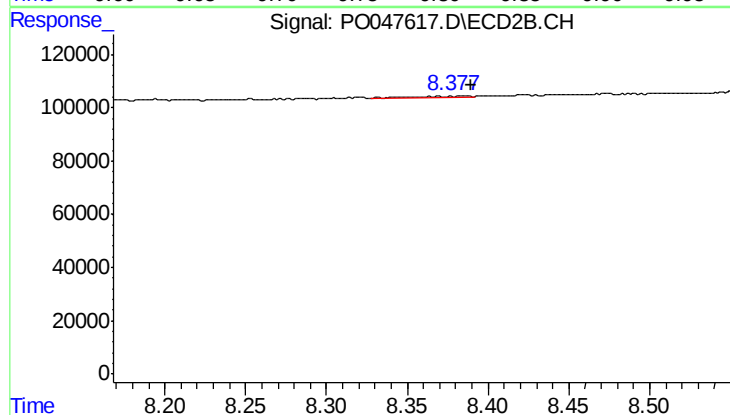
R.T.: 0.000 min
Exp R.T.: 8.101 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.774 min
Delta R.T.: 0.012 min
Response: 17100
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.382 min
Delta R.T.: -0.008 min
Response: 8073
Conc: 0.15 ng/ml