

Data Path : P:\HPCHEM1\ECD_0\Data\P0052518\
 Data File : P0045111.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 23:54
 Operator : SM/UA
 Sample : J3096-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 FORT-1-E(4-5)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 03:23:54 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0052518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 26 01:36:04 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...	4.001	3.269	10537831	13646322	18.120	21.312
2) SA Decachlor...	9.302	8.010	7956484	8874192	15.114	15.479
Target Compounds						
4) L1 AR-1016-2	0.000	4.514	0	88707	N.D.	8.337 #
5) L1 AR-1016-3	0.000	4.514	0	88707	N.D.	6.937 #
6) L1 AR-1016-4	0.000	4.715	0	69130	N.D.	4.919 #
7) L1 AR-1016-5	0.000	5.049	0	386099	N.D.	28.850 #
9) L2 AR-1221-2	0.000	3.552	0	310885	N.D.	32.577 #
10) L2 AR-1221-3	0.000	3.552	0	310885	N.D.	9.839 #
11) L3 AR-1232-1	0.000	3.552	0	310885	N.D.	21.275 #
12) L3 AR-1232-2	5.062	4.303	297538	142868	33.698	5.073 #
13) L3 AR-1232-3	0.000	4.303	0	142868	N.D.	13.102 #
14) L3 AR-1232-4	0.000	4.514	0	88707	N.D.	10.670 #
15) L3 AR-1232-5	0.000	4.514	0	88707	N.D.	12.354 #
17) L4 AR-1242-2	0.000	4.303	0	142868	N.D.	2.899 #
18) L4 AR-1242-3	0.000	4.514	0	88707	N.D.	6.130 #
19) L4 AR-1242-4	0.000	4.514	0	88707	N.D.	6.551 #
20) L4 AR-1242-5	0.000	4.715	0	69130	N.D.	4.742 #
21) L5 AR-1248-1	0.000	4.715	0	69130	N.D.	2.819 #
22) L5 AR-1248-2	0.000	4.854	0	130500	N.D.	5.961 #
23) L5 AR-1248-3	0.000	5.049	0	386099	N.D.	10.860 #
24) L5 AR-1248-4	0.000	5.086	0	157979	N.D.	5.619 #
25) L5 AR-1248-5	0.000	5.578	0	326499	N.D.	21.004 #
26) L6 AR-1254-1	0.000	5.049	0	386099	N.D.	9.566 #
27) L6 AR-1254-2	0.000	5.191	0	221349	N.D.	6.371 #
28) L6 AR-1254-3	0.000	5.578	0	326499	N.D.	5.635 #
29) L6 AR-1254-4	0.000	5.799	0	276086	N.D.	6.201 #
30) L6 AR-1254-5	0.000	6.096	0	259110	N.D.	9.811 #
31) L7 AR-1260-1	0.000	5.699	0	366876	N.D.	11.954 #
32) L7 AR-1260-2	6.919	5.888	331512	552323	10.981	13.869 #
33) L7 AR-1260-3	7.197	6.199	343910	493119	9.116	11.685 #
34) L7 AR-1260-4	7.792	6.726	458730	594542	7.241	7.380
35) L7 AR-1260-5	8.075	7.058	719297	462937	18.905	8.293 #
36) L8 AR-1262-1	0.000	5.888	0	552323	N.D.	13.044 #
37) L8 AR-1262-2	6.919	6.026	331512	383028	10.603	10.138
38) L8 AR-1262-3	7.197	6.229	343910	243749	11.413	3.528 #
39) L8 AR-1262-4	0.000	6.482	0	372209	N.D.	6.563 #
40) L8 AR-1262-5	7.792	6.726	458730	594542	4.887	4.659
41) L9 AR-1268-1	8.075	6.993	719297	206298	7.166	1.535 #

Data Path : P:\HPCHEM1\ECD_0\Data\P0052518\
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 Acq On : 25 May 2018 23:54
 Operator : SM/UA
 Sample : J3096-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

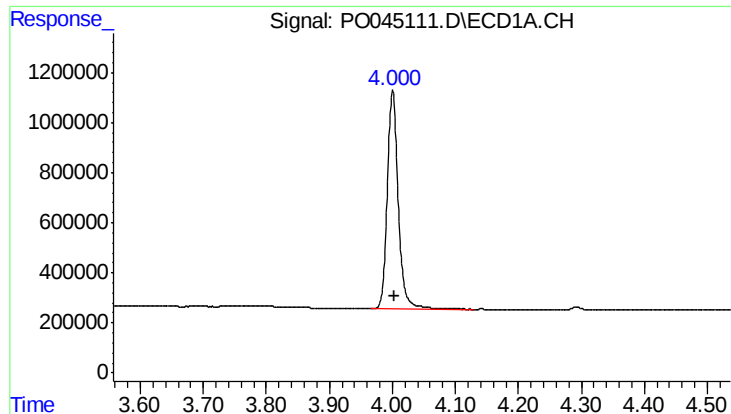
Instrument :
 ECD_O
 ClientSampleId :
 FORT-1-E(4-5)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 03:23:54 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0052518.M
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Volume Inj. : 2 µl
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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	8.075	7.058	719297	462937	8.076	3.694 #
44) L9	AR-1268-4	0.000	7.548	0	137765	N.D.	3.464 #
45) L9	AR-1268-5	0.000	7.806	0	218716	N.D.	0.732 #

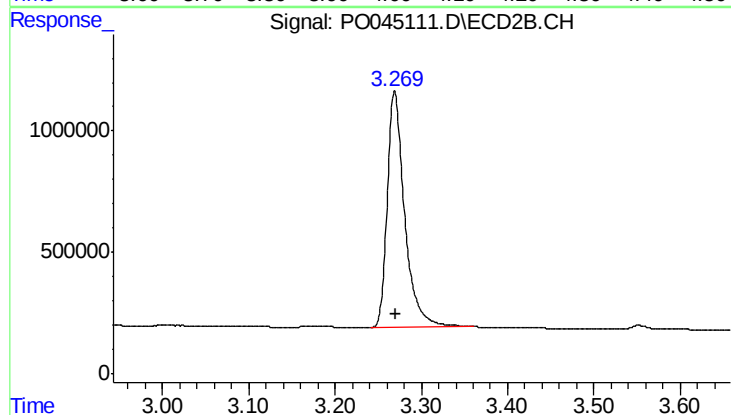
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

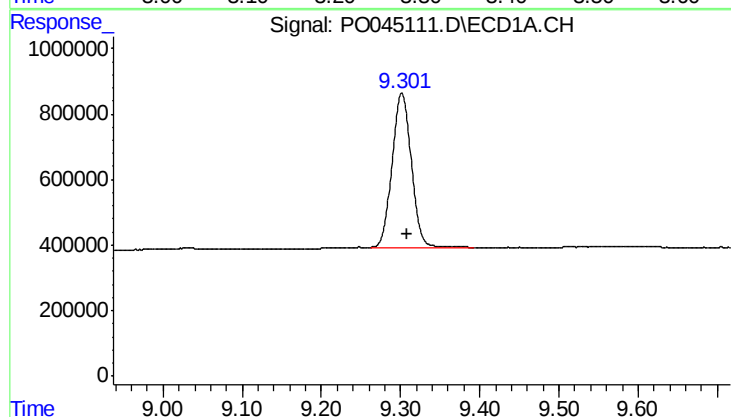
R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 10537831
Conc: 18.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



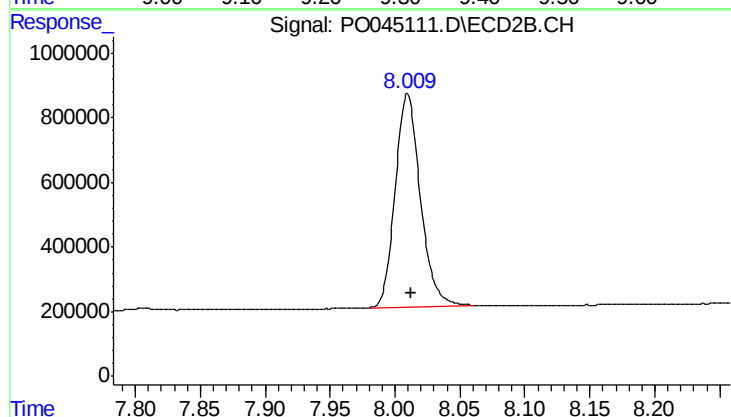
#1 Tetrachloro-m-xylene

R.T.: 3.269 min
Delta R.T.: -0.002 min
Response: 13646322
Conc: 21.31 ng/ml



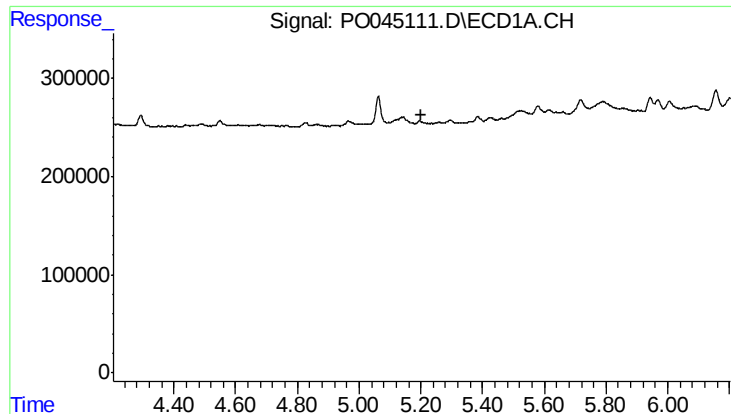
#2 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: -0.006 min
Response: 7956484
Conc: 15.11 ng/ml



#2 Decachlorobiphenyl

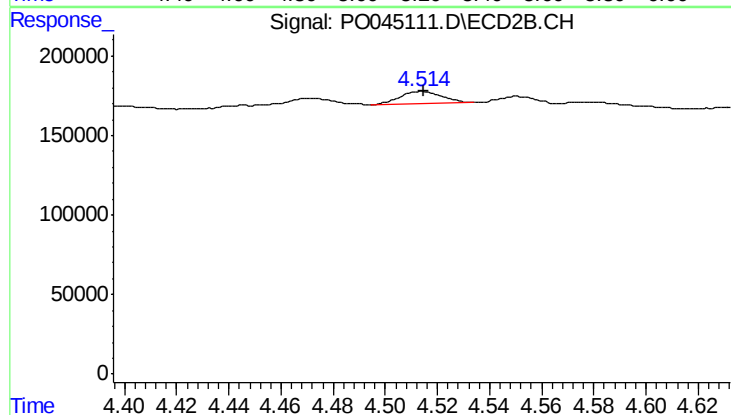
R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 8874192
Conc: 15.48 ng/ml



#4 AR-1016-2

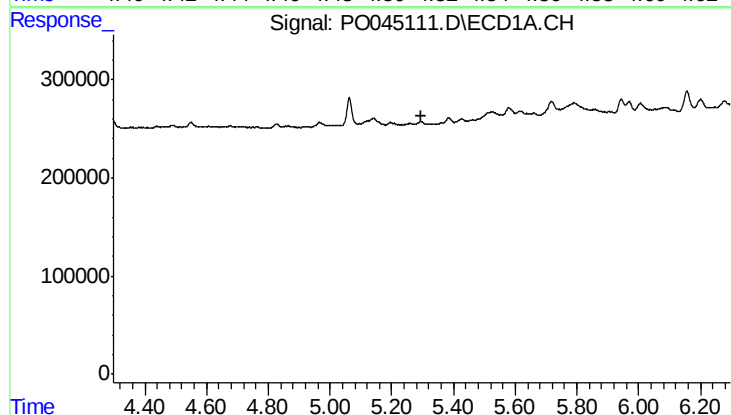
R.T.: 0.000 min
Exp R.T.: 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



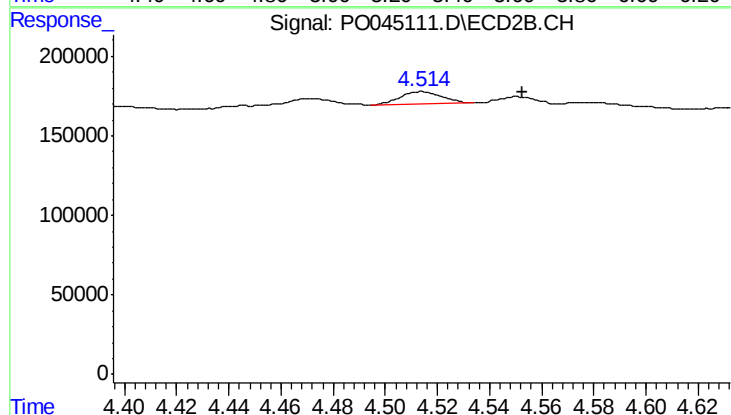
#4 AR-1016-2

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 88707
Conc: 8.34 ng/ml



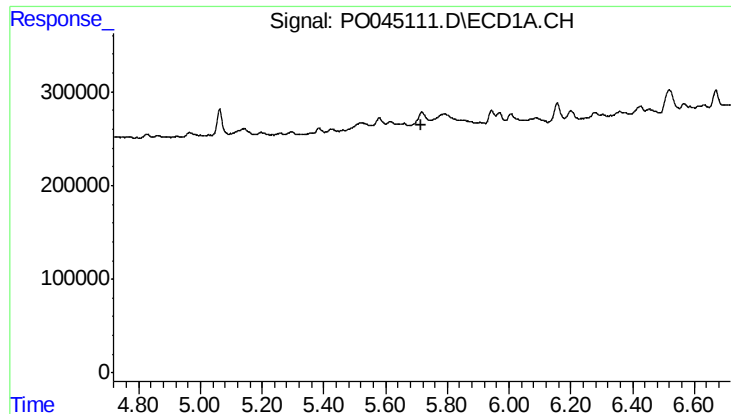
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.298 min
Response: 0
Conc: N.D.



#5 AR-1016-3

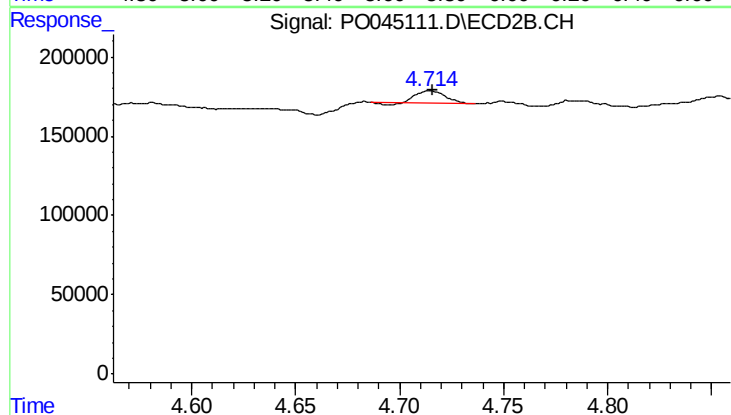
R.T.: 4.514 min
Delta R.T.: -0.039 min
Response: 88707
Conc: 6.94 ng/ml



#6 AR-1016-4

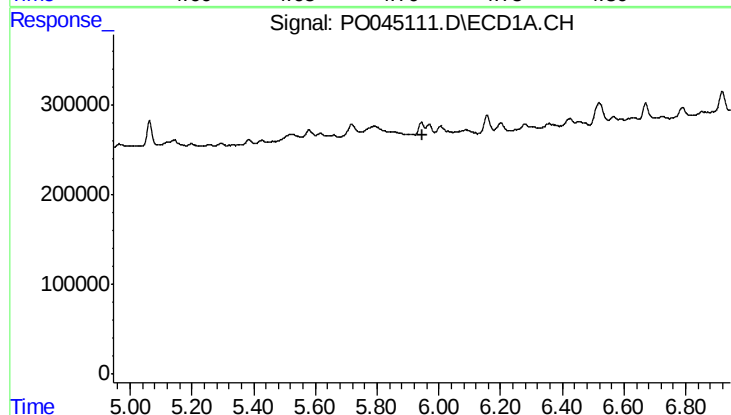
R.T.: 0.000 min
Exp R.T.: 5.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



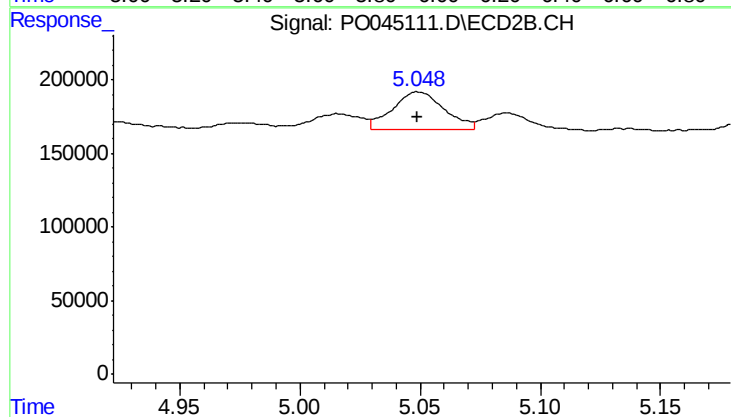
#6 AR-1016-4

R.T.: 4.715 min
Delta R.T.: -0.001 min
Response: 69130
Conc: 4.92 ng/ml



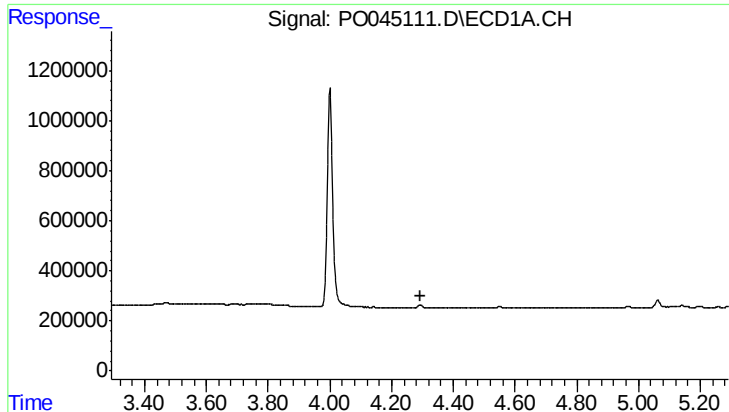
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.



#7 AR-1016-5

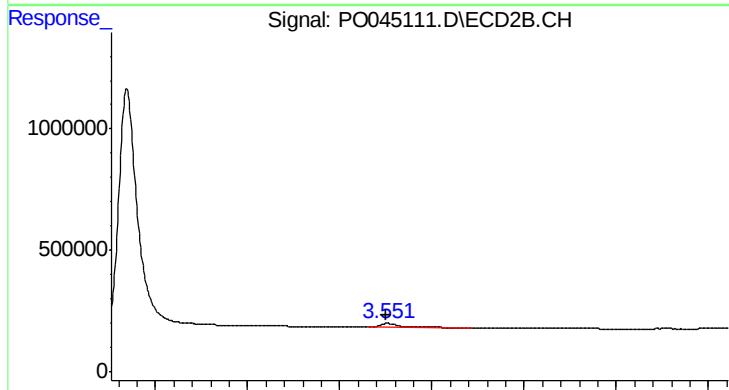
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 386099
Conc: 28.85 ng/ml



#9 AR-1221-2

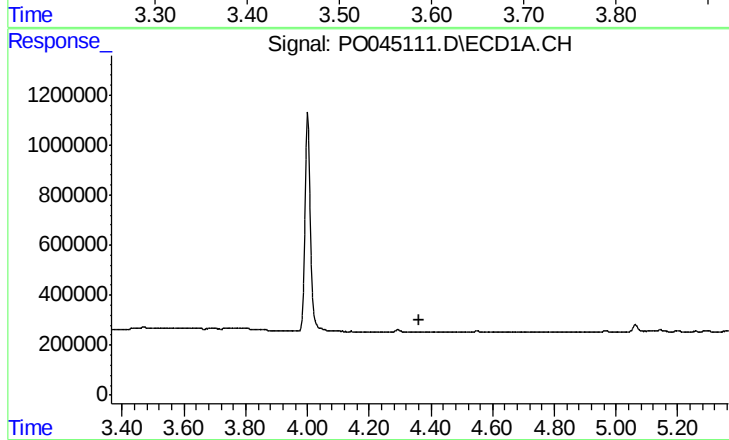
R.T.: 0.000 min
Exp R.T.: 4.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



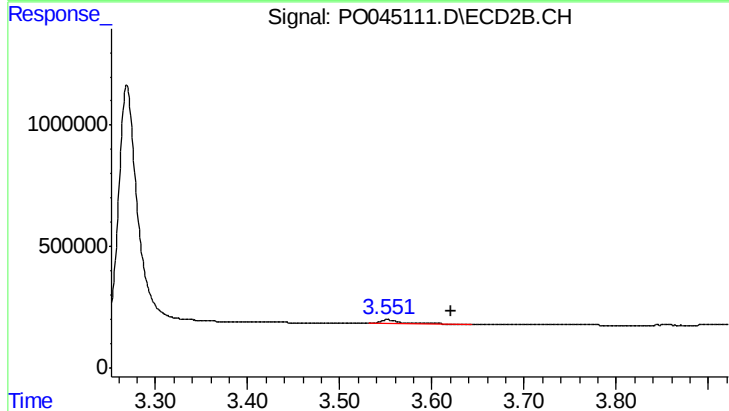
#9 AR-1221-2

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 310885
Conc: 32.58 ng/ml



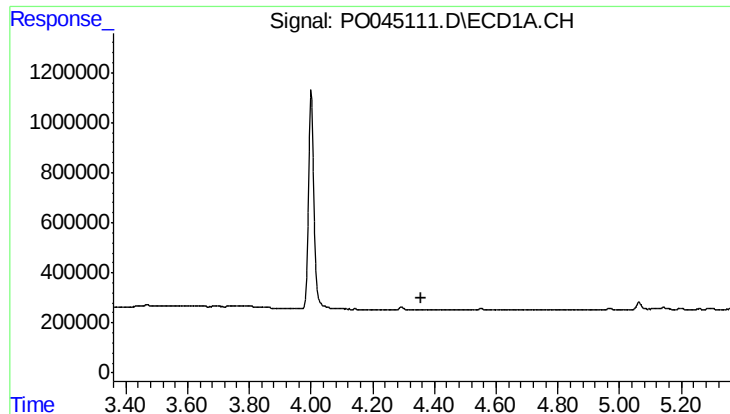
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.364 min
Response: 0
Conc: N.D.



#10 AR-1221-3

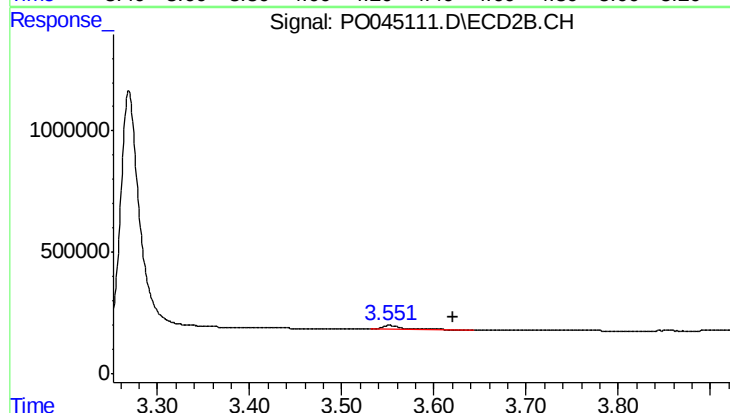
R.T.: 3.552 min
Delta R.T.: -0.069 min
Response: 310885
Conc: 9.84 ng/ml



#11 AR-1232-1

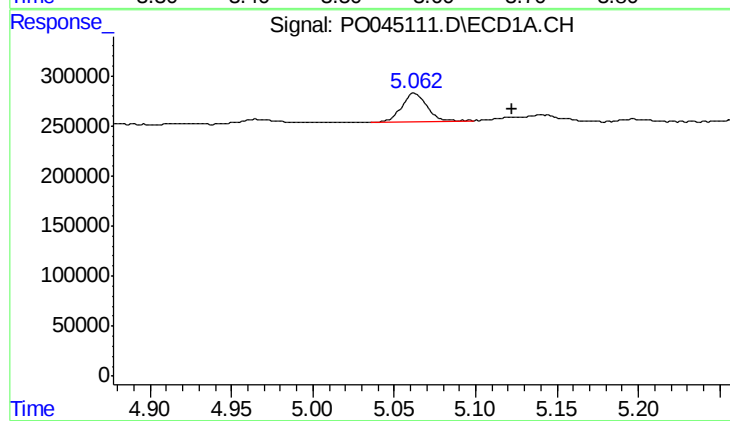
R.T.: 0.000 min
Exp R.T.: 4.359 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



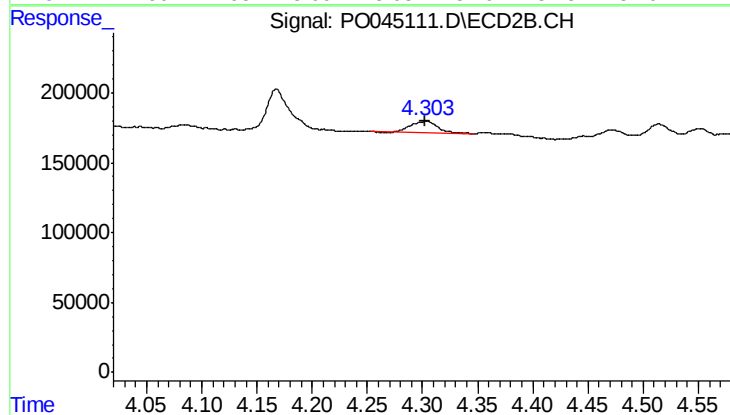
#11 AR-1232-1

R.T.: 3.552 min
Delta R.T.: -0.069 min
Response: 310885
Conc: 21.27 ng/ml



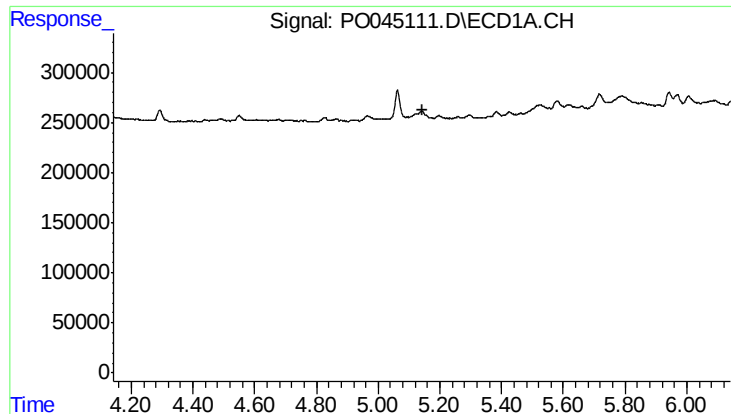
#12 AR-1232-2

R.T.: 5.062 min
Delta R.T.: -0.060 min
Response: 297538
Conc: 33.70 ng/ml



#12 AR-1232-2

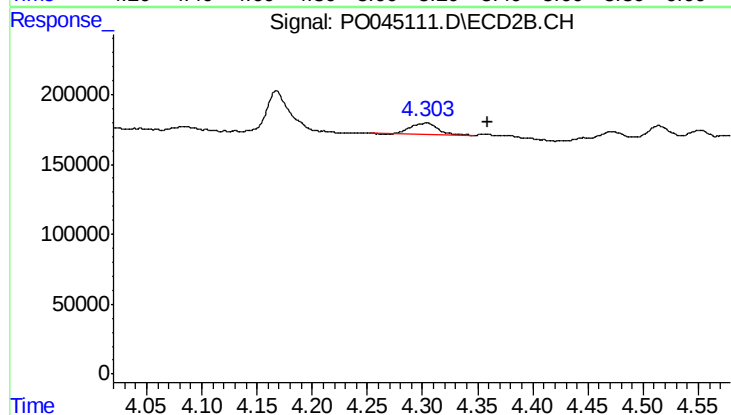
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 142868
Conc: 5.07 ng/ml



#13 AR-1232-3

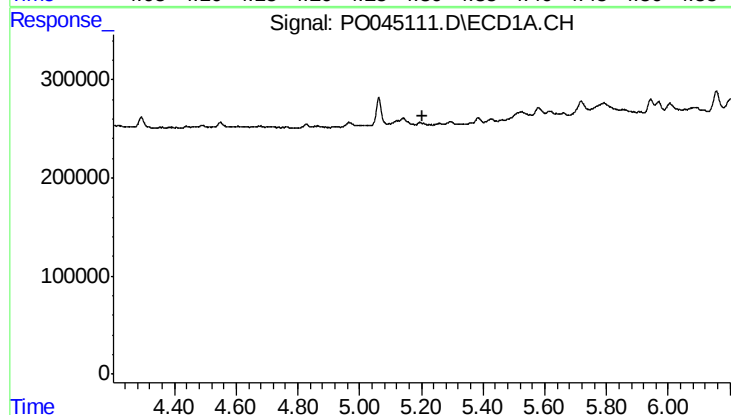
R.T.: 0.000 min
Exp R.T.: 5.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



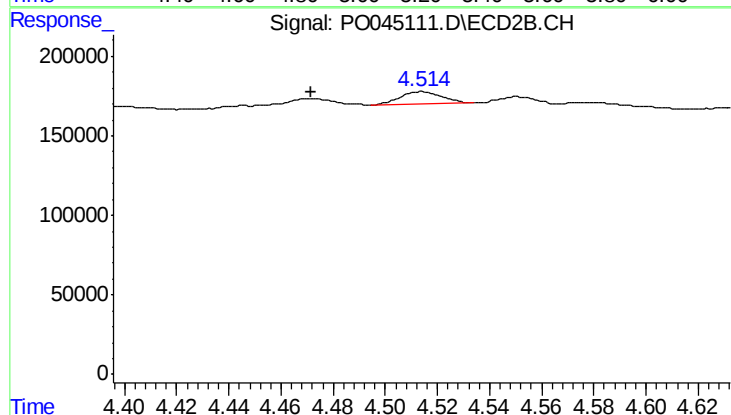
#13 AR-1232-3

R.T.: 4.303 min
Delta R.T.: -0.056 min
Response: 142868
Conc: 13.10 ng/ml



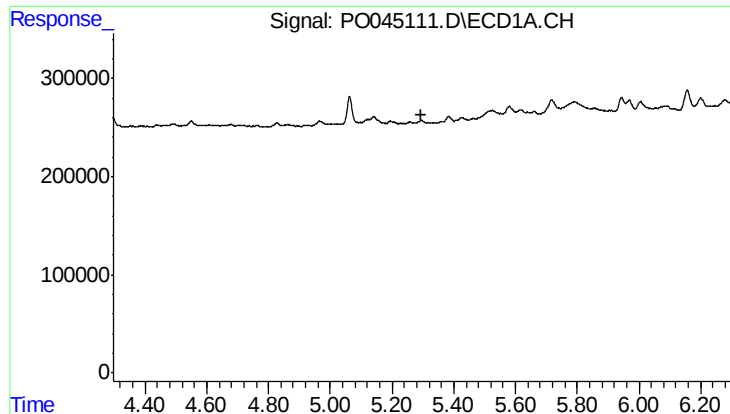
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.202 min
Response: 0
Conc: N.D.



#14 AR-1232-4

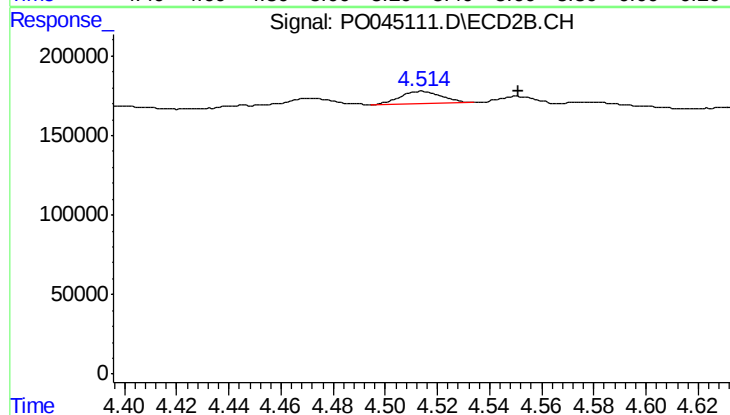
R.T.: 4.514 min
Delta R.T.: 0.042 min
Response: 88707
Conc: 10.67 ng/ml



#15 AR-1232-5

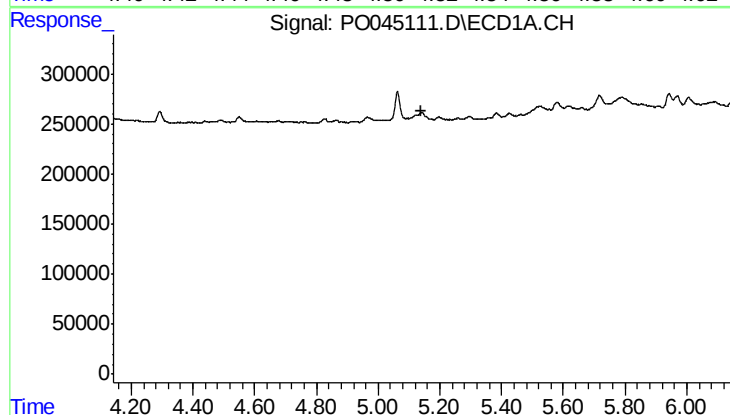
R.T.: 0.000 min
Exp R.T.: 5.297 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



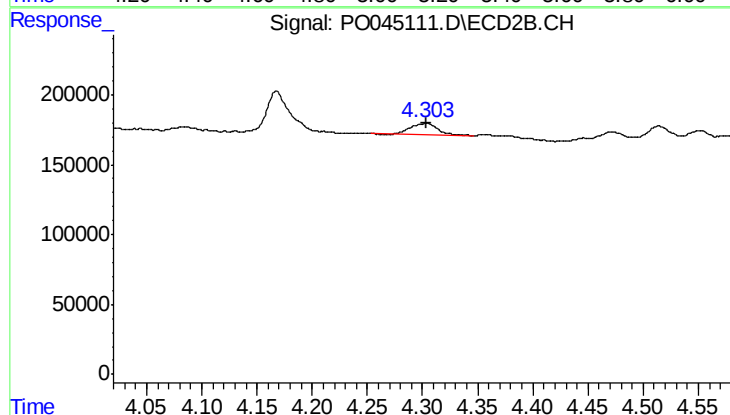
#15 AR-1232-5

R.T.: 4.514 min
Delta R.T.: -0.037 min
Response: 88707
Conc: 12.35 ng/ml



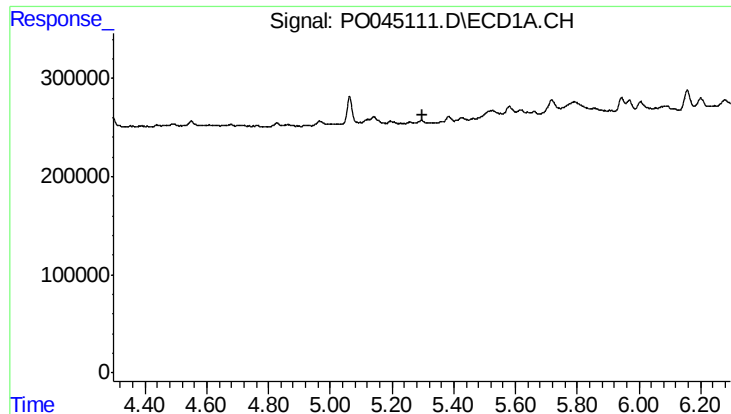
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.142 min
Response: 0
Conc: N.D.



#17 AR-1242-2

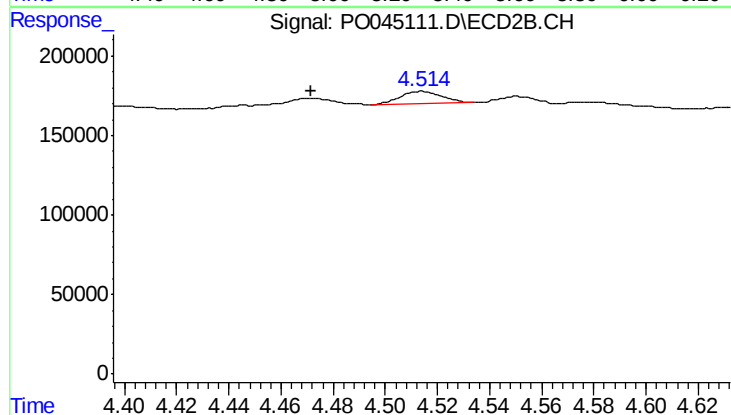
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 142868
Conc: 2.90 ng/ml



#18 AR-1242-3

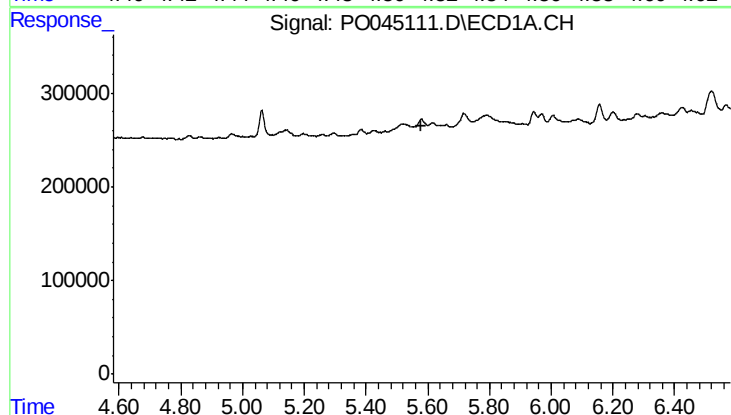
R.T.: 0.000 min
Exp R.T.: 5.297 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



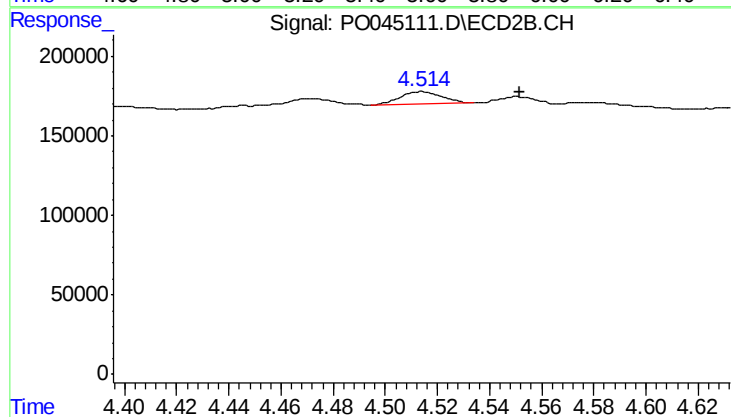
#18 AR-1242-3

R.T.: 4.514 min
Delta R.T.: 0.042 min
Response: 88707
Conc: 6.13 ng/ml



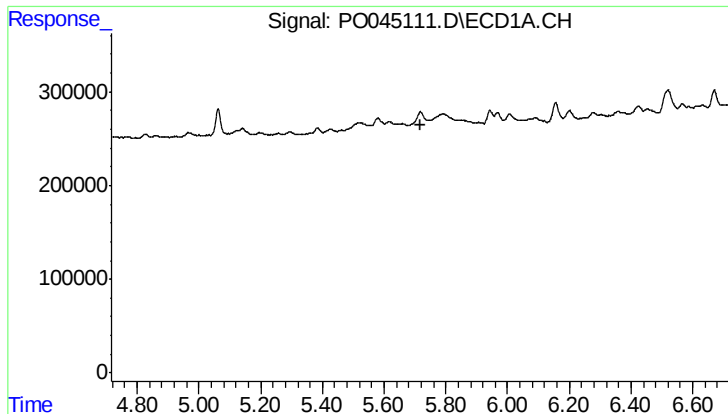
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.581 min
Response: 0
Conc: N.D.



#19 AR-1242-4

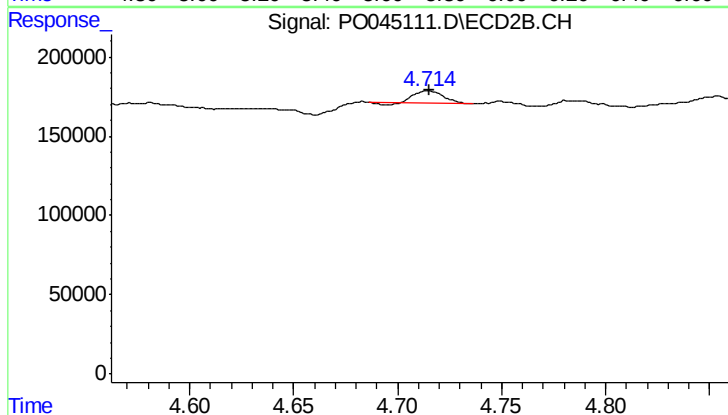
R.T.: 4.514 min
Delta R.T.: -0.038 min
Response: 88707
Conc: 6.55 ng/ml



#20 AR-1242-5

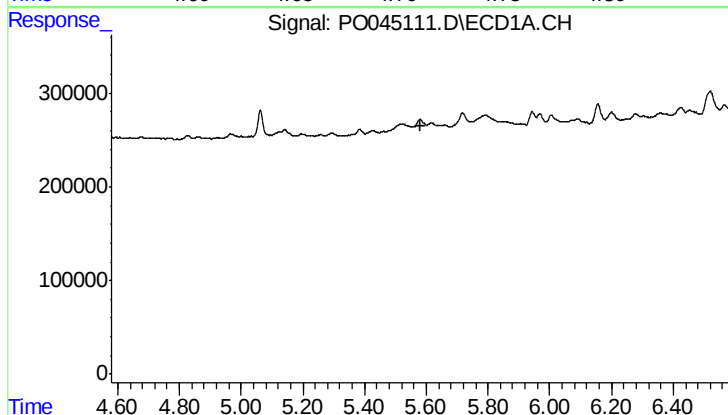
R.T.: 0.000 min
Exp R.T.: 5.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



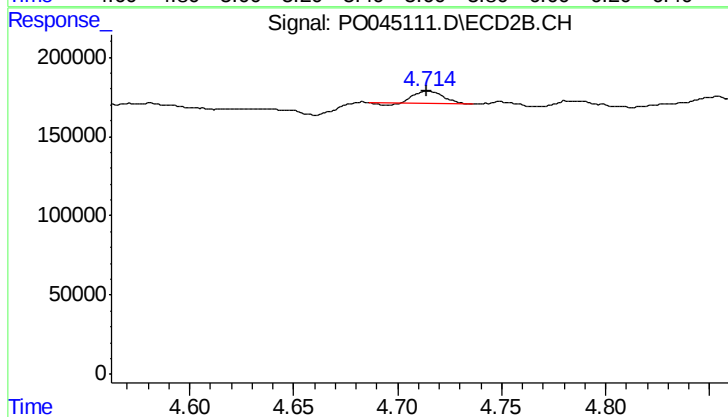
#20 AR-1242-5

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 69130
Conc: 4.74 ng/ml



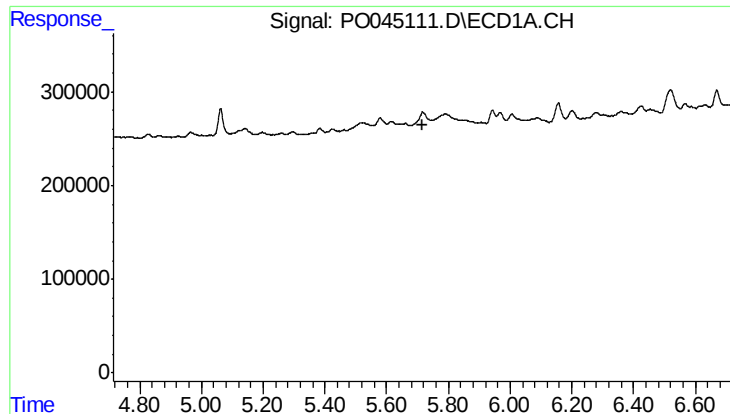
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.580 min
Response: 0
Conc: N.D.



#21 AR-1248-1

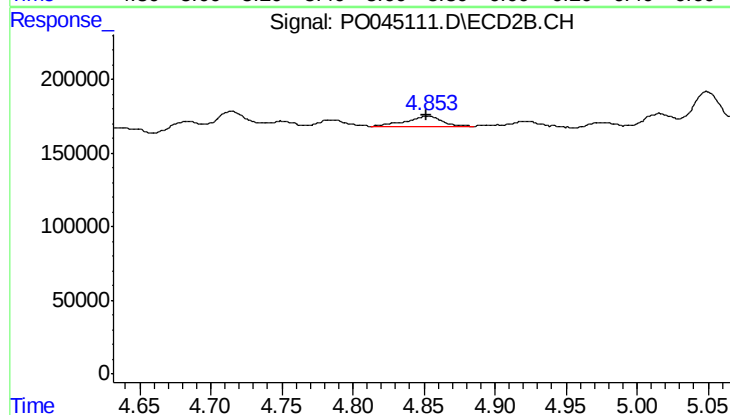
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 69130
Conc: 2.82 ng/ml



#22 AR-1248-2

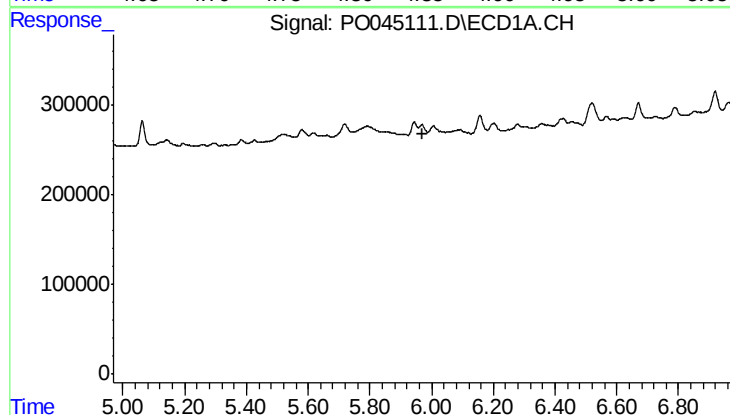
R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



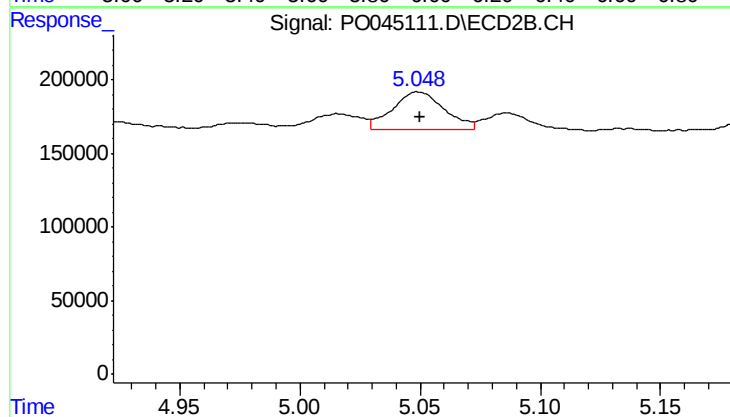
#22 AR-1248-2

R.T.: 4.854 min
Delta R.T.: 0.002 min
Response: 130500
Conc: 5.96 ng/ml



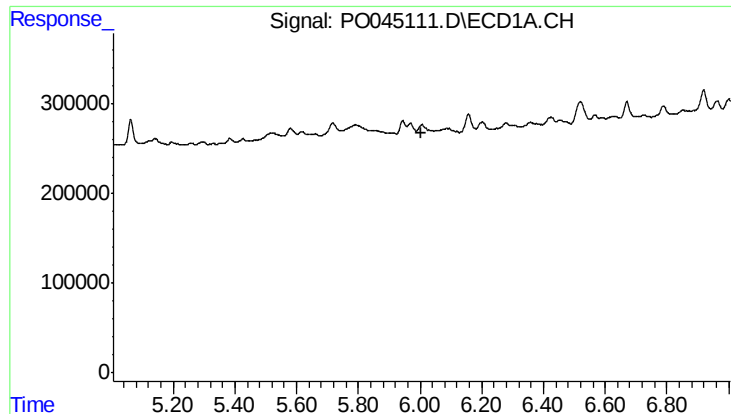
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.969 min
Response: 0
Conc: N.D.



#23 AR-1248-3

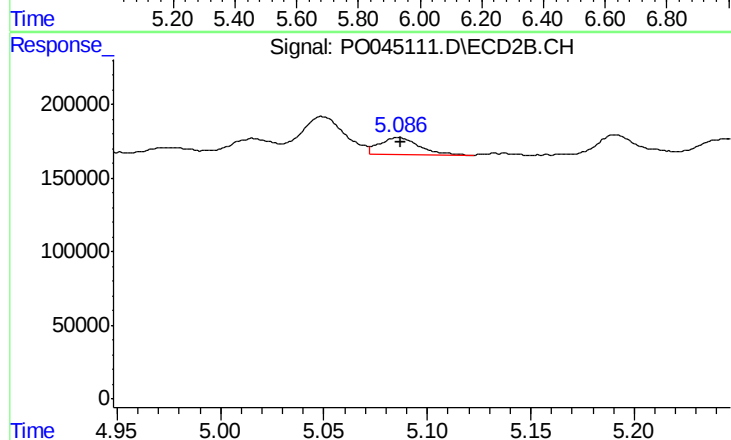
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 386099
Conc: 10.86 ng/ml



#24 AR-1248-4

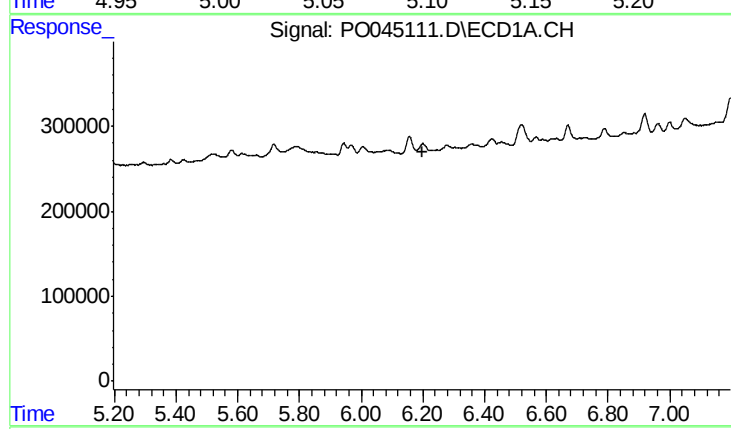
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



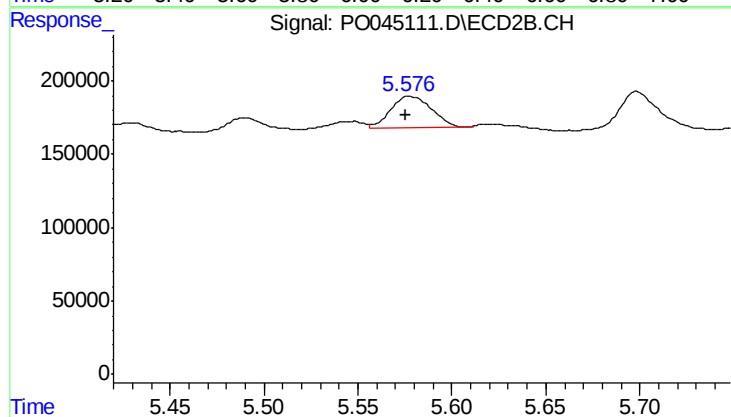
#24 AR-1248-4

R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 157979
Conc: 5.62 ng/ml



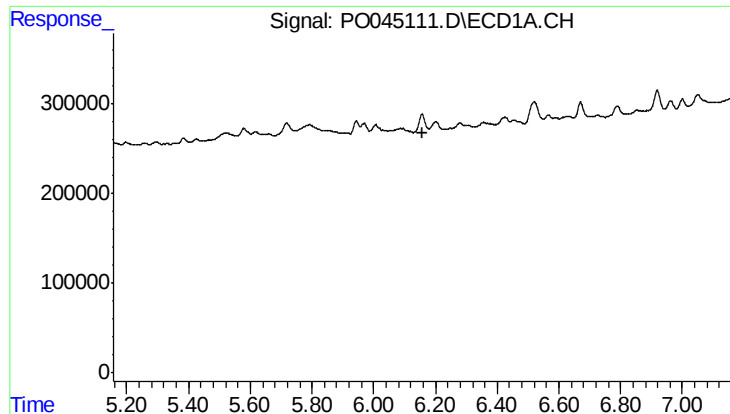
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.197 min
Response: 0
Conc: N.D.



#25 AR-1248-5

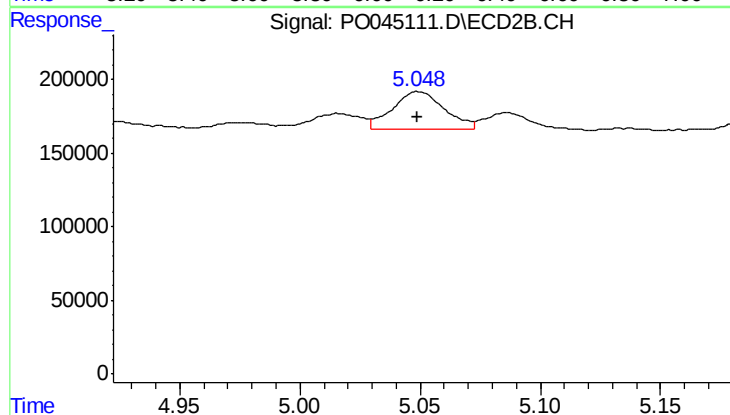
R.T.: 5.578 min
Delta R.T.: 0.002 min
Response: 326499
Conc: 21.00 ng/ml



#26 AR-1254-1

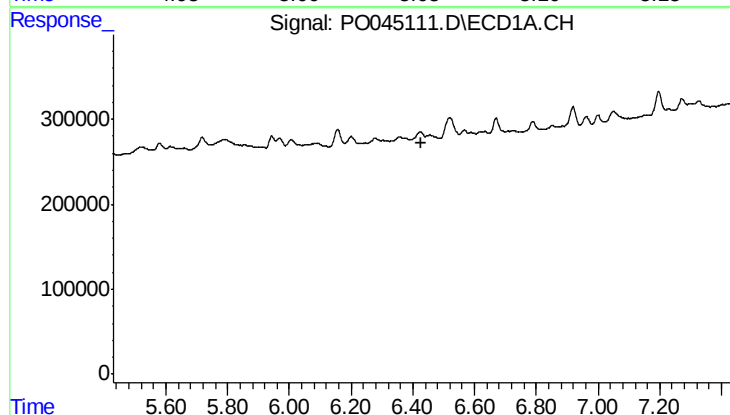
R.T.: 0.000 min
Exp R.T.: 6.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



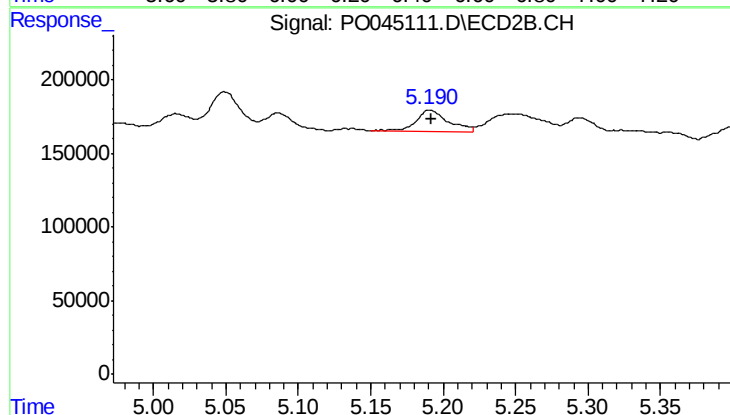
#26 AR-1254-1

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 386099
Conc: 9.57 ng/ml



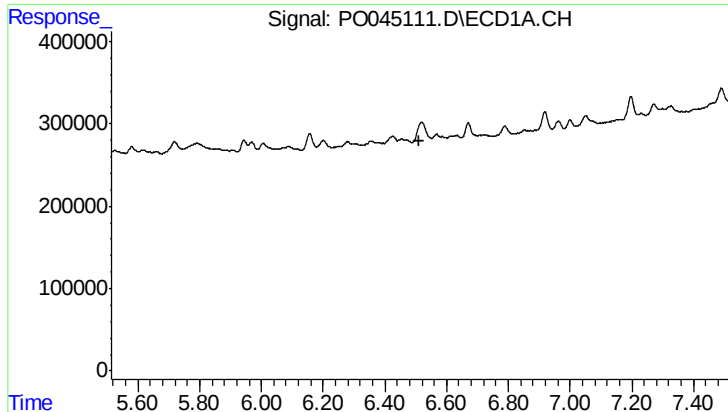
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.429 min
Response: 0
Conc: N.D.



#27 AR-1254-2

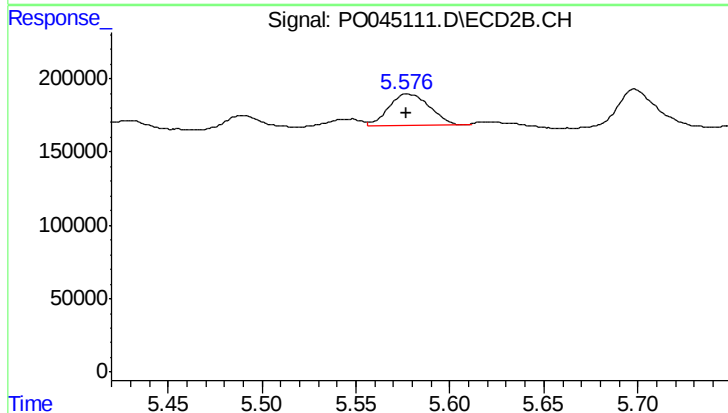
R.T.: 5.191 min
Delta R.T.: -0.001 min
Response: 221349
Conc: 6.37 ng/ml



#28 AR-1254-3

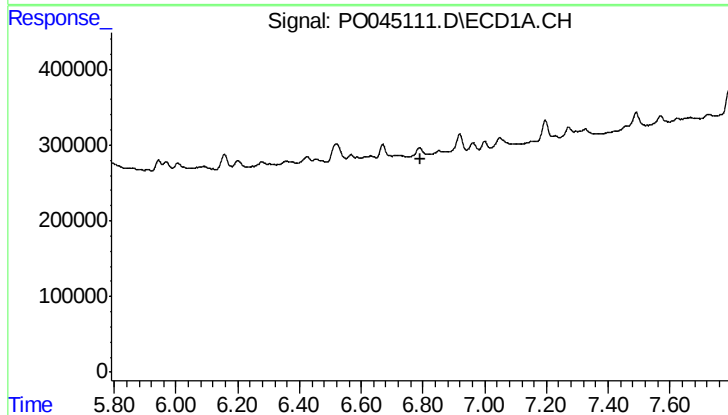
R.T.: 0.000 min
Exp R.T.: 6.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



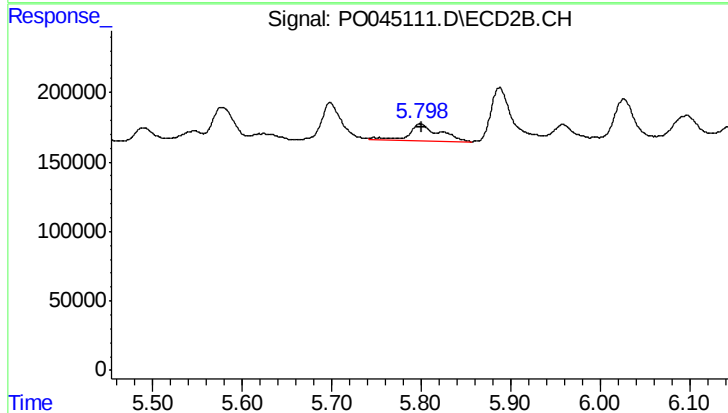
#28 AR-1254-3

R.T.: 5.578 min
Delta R.T.: 0.001 min
Response: 326499
Conc: 5.64 ng/ml



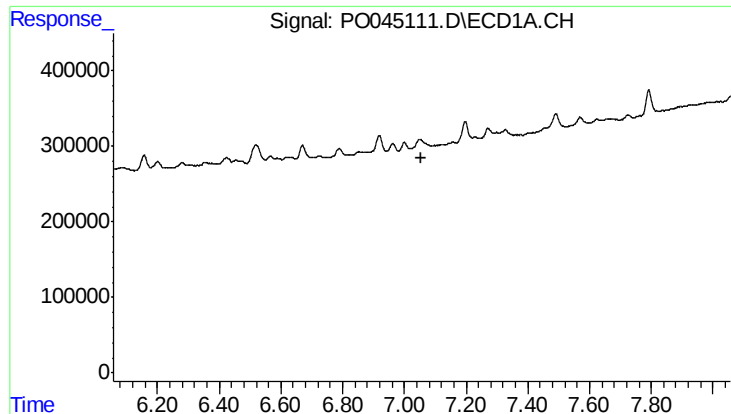
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.791 min
Response: 0
Conc: N.D.



#29 AR-1254-4

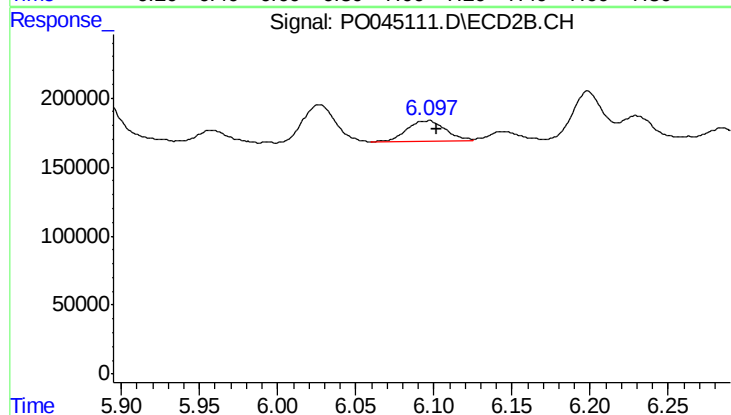
R.T.: 5.799 min
Delta R.T.: -0.001 min
Response: 276086
Conc: 6.20 ng/ml



#30 AR-1254-5

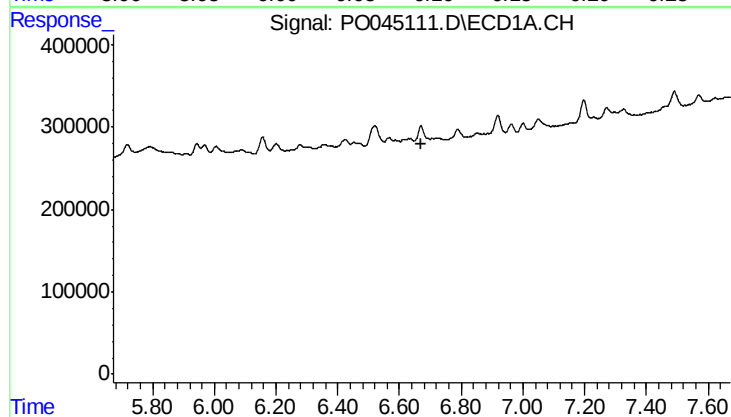
R.T.: 0.000 min
Exp R.T.: 7.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



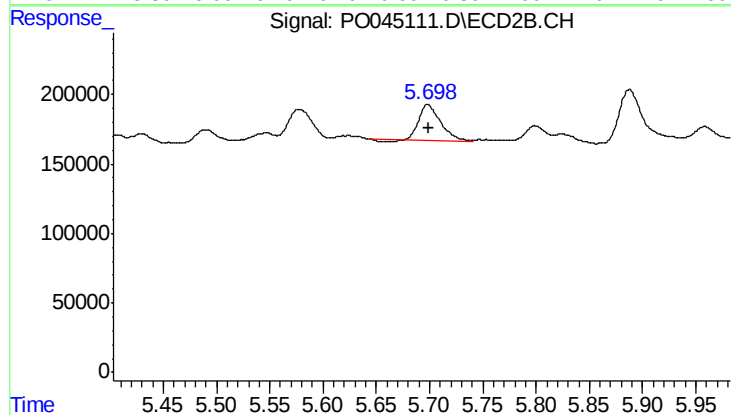
#30 AR-1254-5

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 259110
Conc: 9.81 ng/ml



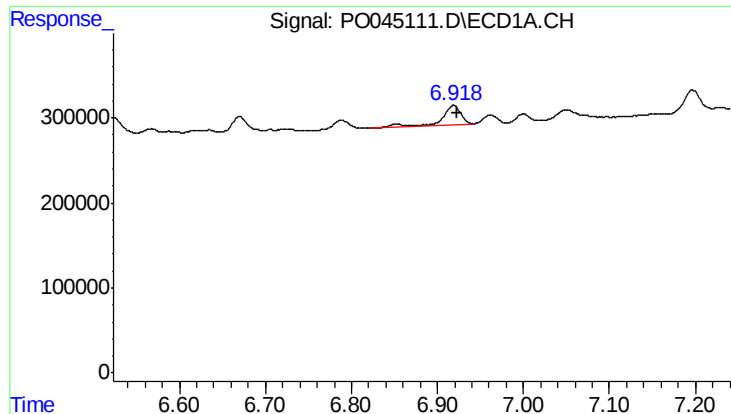
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.673 min
Response: 0
Conc: N.D.



#31 AR-1260-1

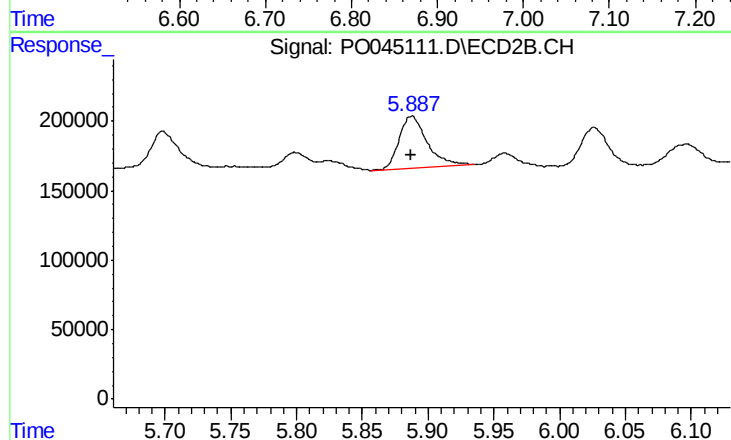
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 366876
Conc: 11.95 ng/ml



#32 AR-1260-2

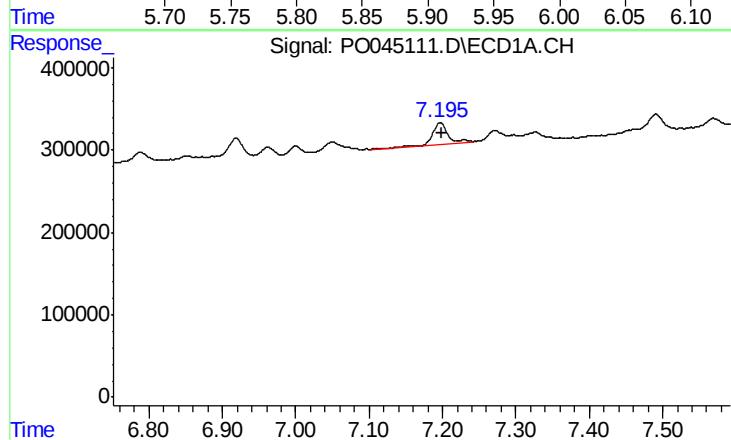
R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 331512
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



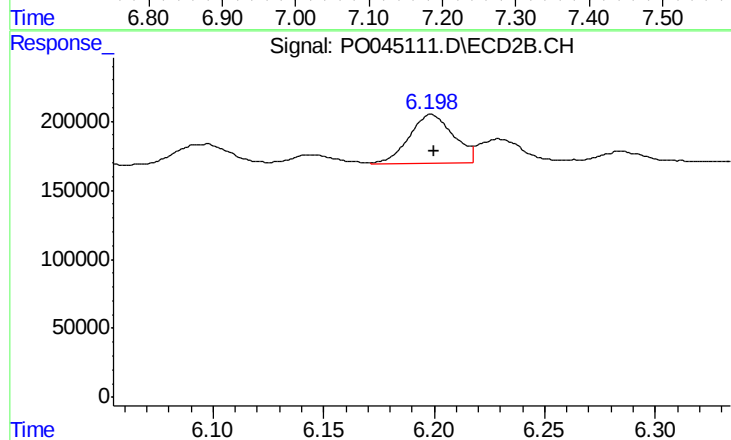
#32 AR-1260-2

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 552323
Conc: 13.87 ng/ml



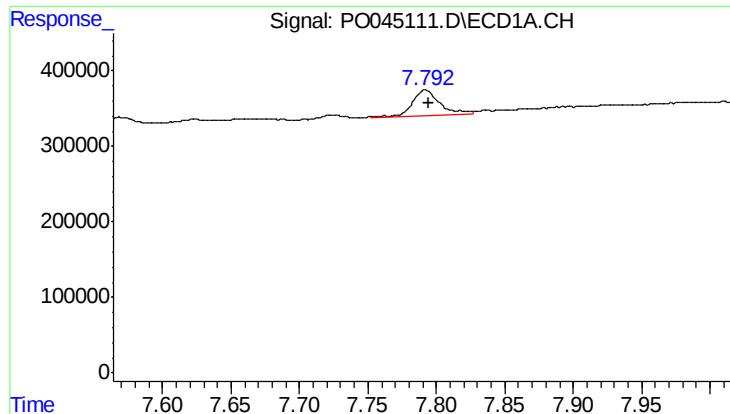
#33 AR-1260-3

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 343910
Conc: 9.12 ng/ml



#33 AR-1260-3

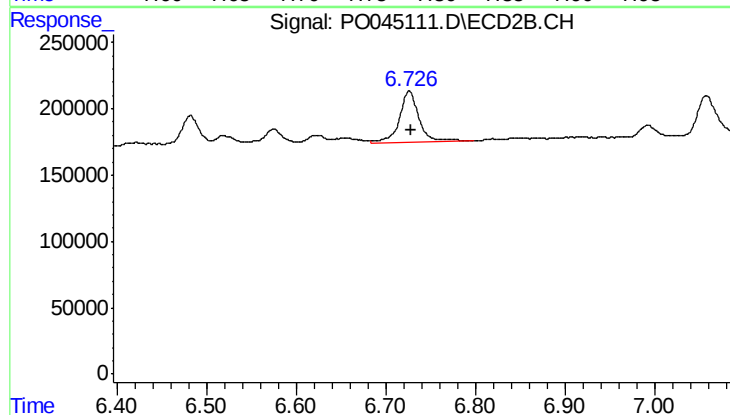
R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 493119
Conc: 11.69 ng/ml



#34 AR-1260-4

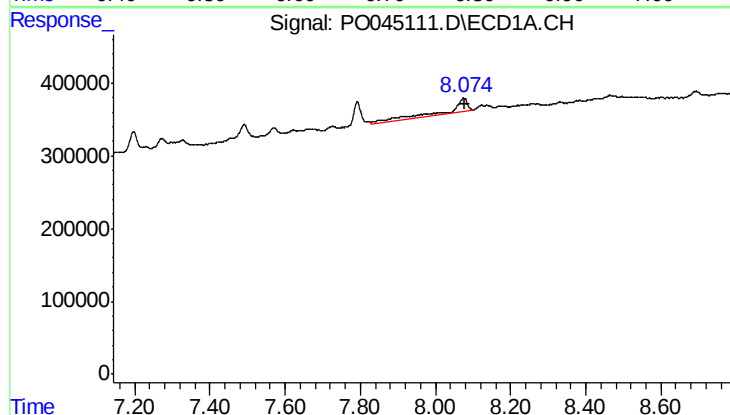
R.T.: 7.792 min
Delta R.T.: -0.003 min
Response: 458730
Conc: 7.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



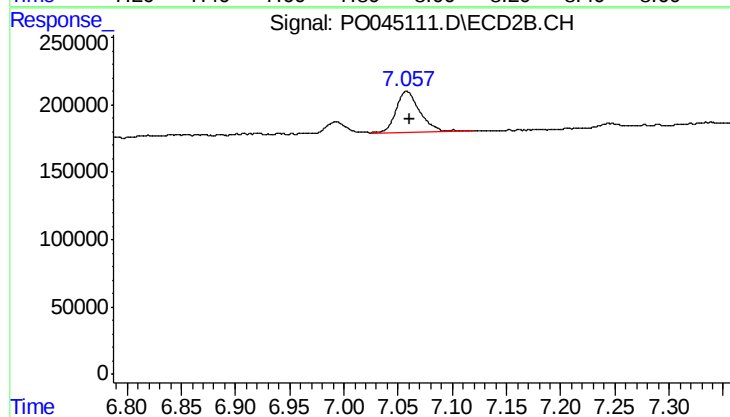
#34 AR-1260-4

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 594542
Conc: 7.38 ng/ml



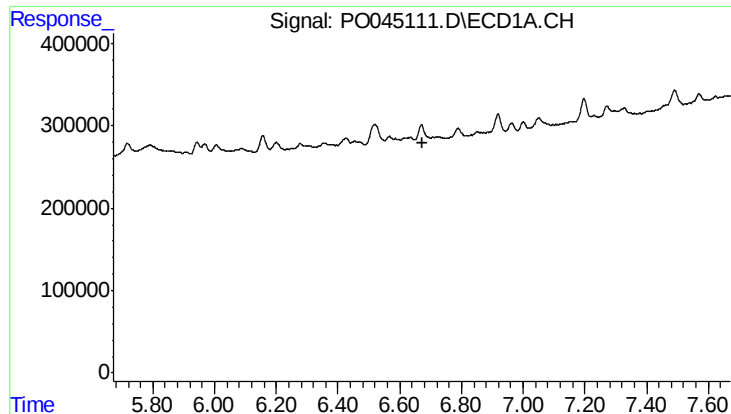
#35 AR-1260-5

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 719297
Conc: 18.90 ng/ml



#35 AR-1260-5

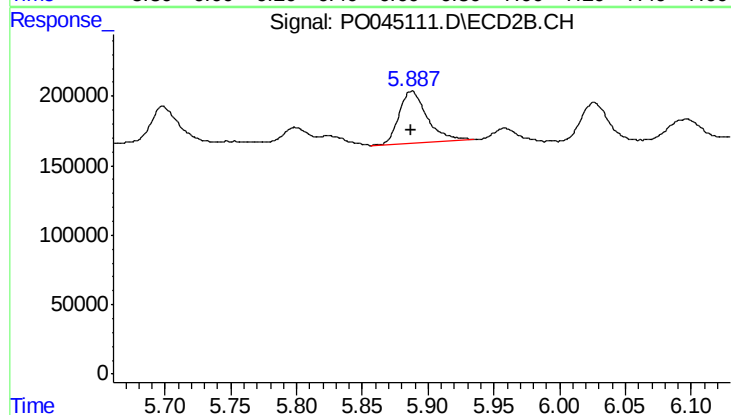
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 462937
Conc: 8.29 ng/ml



#36 AR-1262-1

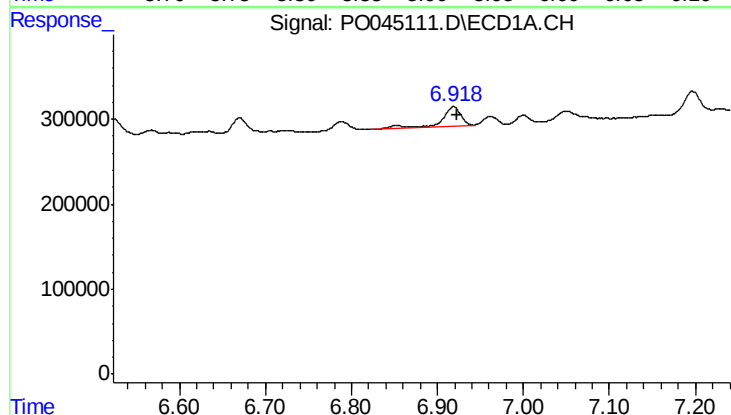
R.T.: 0.000 min
Exp R.T.: 6.672 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



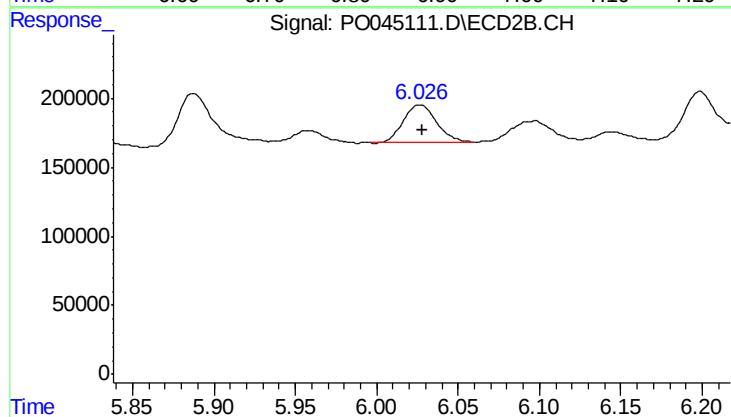
#36 AR-1262-1

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 552323
Conc: 13.04 ng/ml



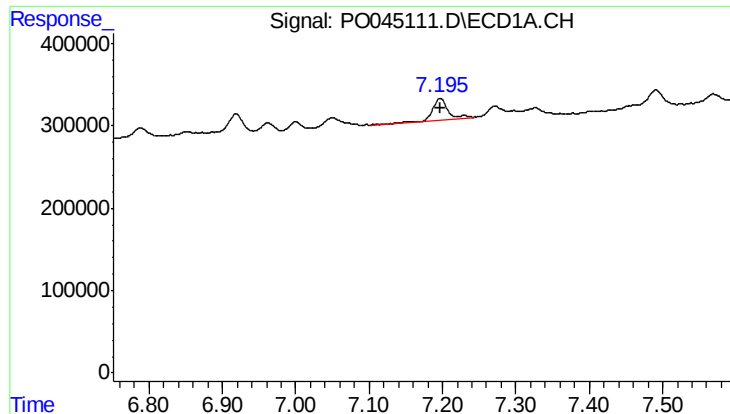
#37 AR-1262-2

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 331512
Conc: 10.60 ng/ml



#37 AR-1262-2

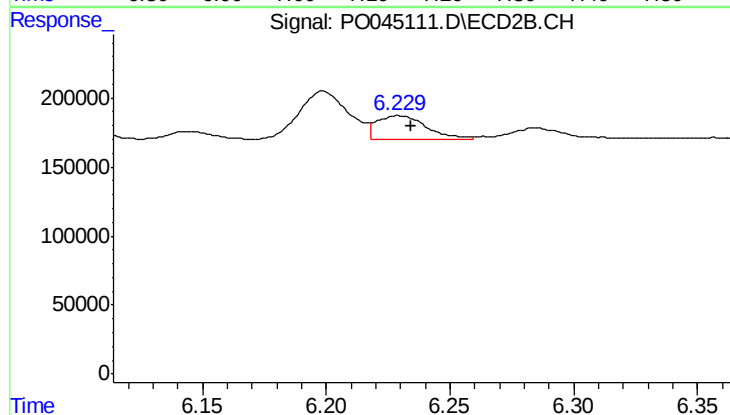
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 383028
Conc: 10.14 ng/ml



#38 AR-1262-3

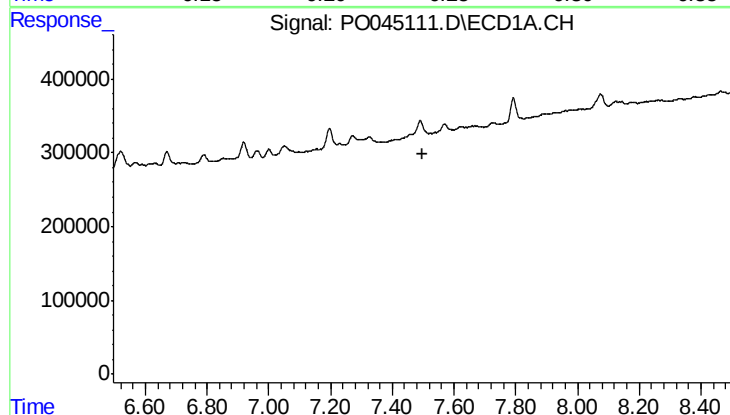
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 343910
Conc: 11.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



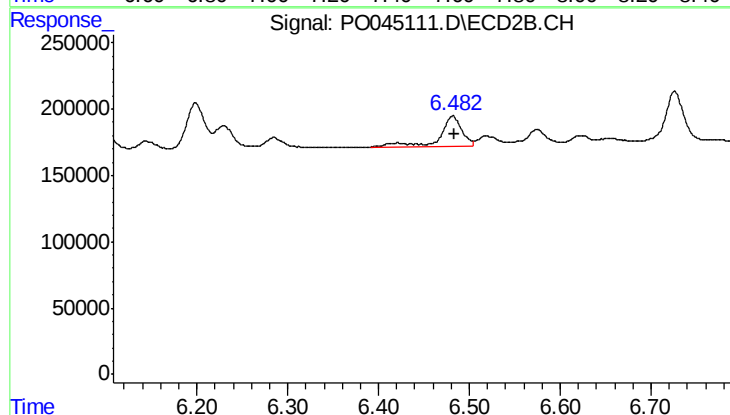
#38 AR-1262-3

R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 243749
Conc: 3.53 ng/ml



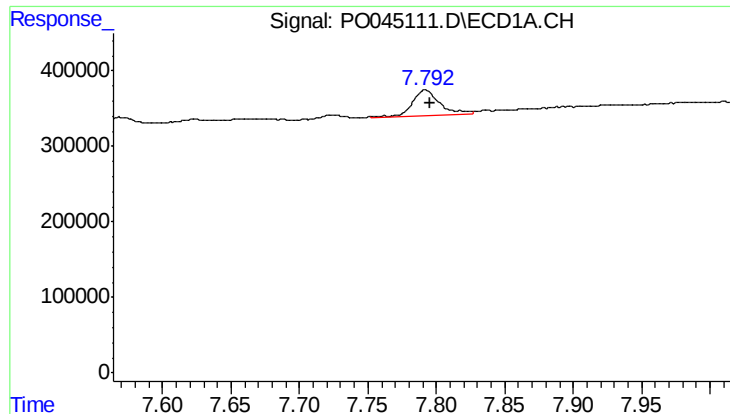
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.496 min
Response: 0
Conc: N.D.



#39 AR-1262-4

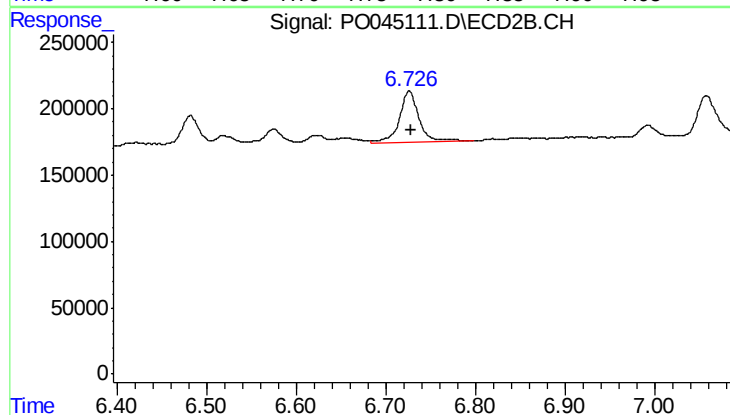
R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 372209
Conc: 6.56 ng/ml



#40 AR-1262-5

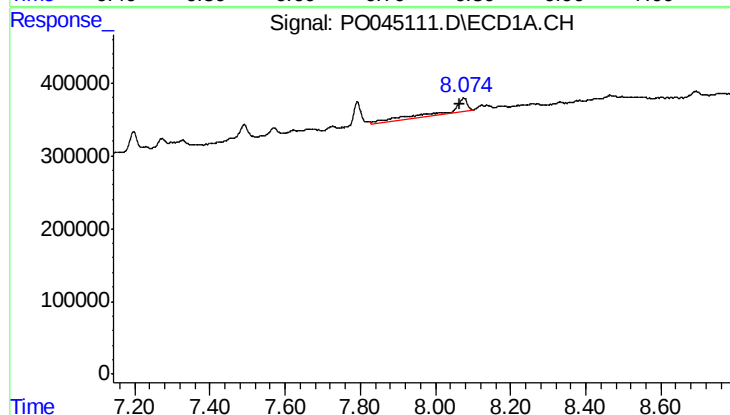
R.T.: 7.792 min
Delta R.T.: -0.004 min
Response: 458730
Conc: 4.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



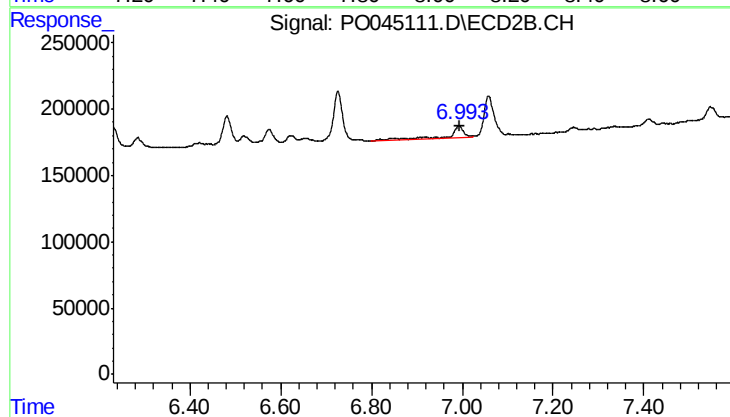
#40 AR-1262-5

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 594542
Conc: 4.66 ng/ml



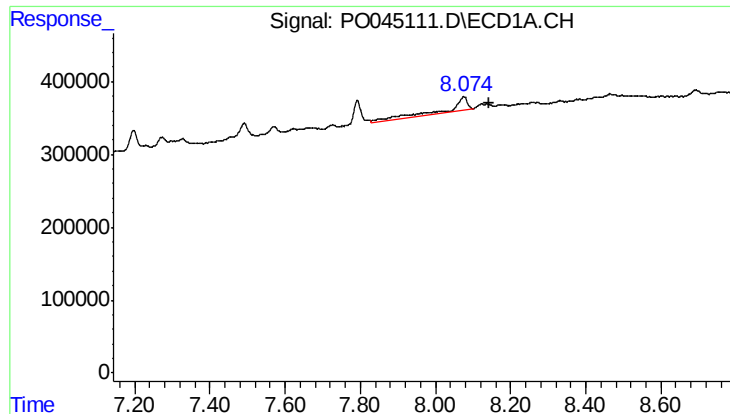
#41 AR-1268-1

R.T.: 8.075 min
Delta R.T.: 0.010 min
Response: 719297
Conc: 7.17 ng/ml



#41 AR-1268-1

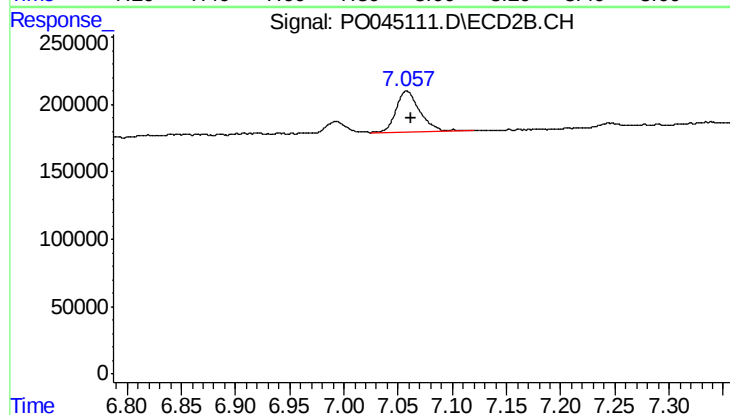
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 206298
Conc: 1.53 ng/ml



#42 AR-1268-2

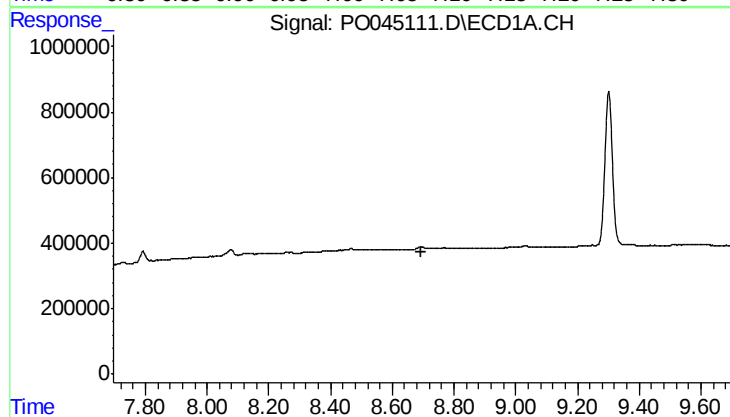
R.T.: 8.075 min
Delta R.T.: -0.069 min
Response: 719297
Conc: 8.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



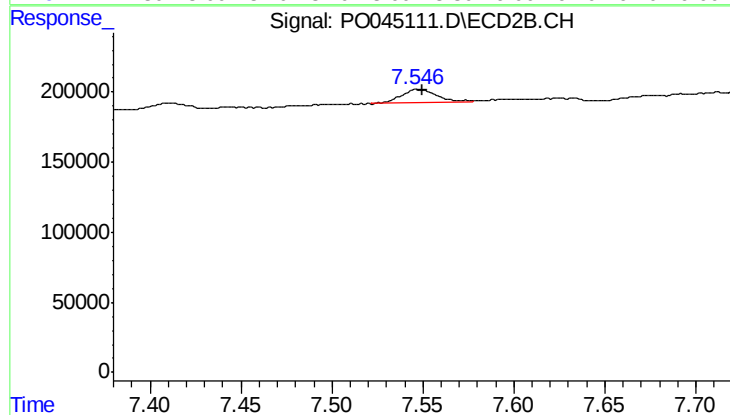
#42 AR-1268-2

R.T.: 7.058 min
Delta R.T.: -0.004 min
Response: 462937
Conc: 3.69 ng/ml



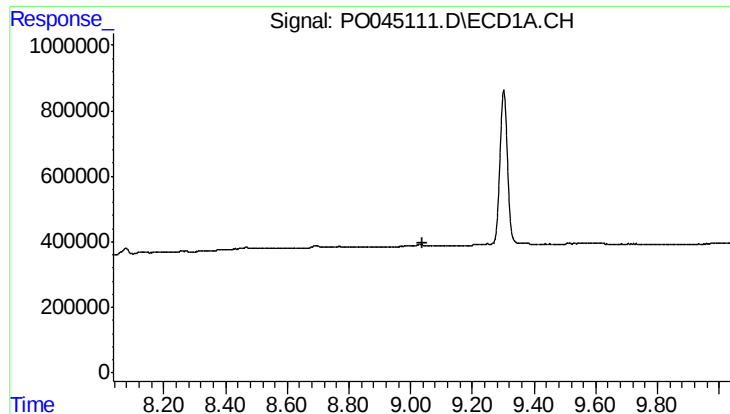
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.696 min
Response: 0
Conc: N.D.



#44 AR-1268-4

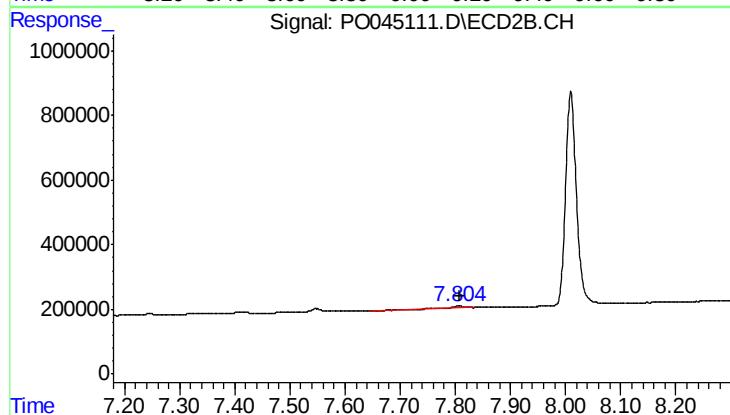
R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 137765
Conc: 3.46 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.037 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FORT-1-E(4-5)



#45 AR-1268-5

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 218716
Conc: 0.73 ng/ml