

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072420\
 Data File : P0069921.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2020 13:24
 Operator : DD\AJ
 Sample : L3216-08
 Misc : AR1660 LOQ 40 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 16:31:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 23 02:12:36 2020
 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...	4.377	3.554	647398	670641	18.860	18.606
2)	SA Decachlor...	10.022	8.755	1046153	1035222	19.579	20.298
Target Compounds							
3)	L1 AR-1016-1	5.684	4.785	66417	75775	42.532	47.811
4)	L1 AR-1016-2	5.706	4.804	90432	101620	41.066	45.962
5)	L1 AR-1016-3	5.769	4.990	57679	53643	43.352	45.202
6)	L1 AR-1016-4	5.876	5.047	49980	44706	43.257	44.445
7)	L1 AR-1016-5	6.186	5.267	43175	62043	38.414	50.520 #
10)	L2 AR-1221-3	4.813	3.989	25083	36371	24.906	34.947 #
11)	L3 AR-1232-1	4.813	3.989	25083	36371	30.096	41.801 #
12)	L3 AR-1232-2	5.390	4.804	40450	101620	93.851	104.484
13)	L3 AR-1232-3	5.706	4.990	90432	53643	91.955	103.571
14)	L3 AR-1232-4	5.876	5.089	49980	43823	101.037	102.882
15)	L3 AR-1232-5	5.974	5.267	32341	62043	101.060	122.393
16)	L4 AR-1242-1	5.684	4.785	66417	75775	53.445	61.163
17)	L4 AR-1242-2	5.706	4.804	90432	101620	50.643	59.177
18)	L4 AR-1242-3	5.769	4.990	57679	53643	53.271	57.717
19)	L4 AR-1242-4	5.876	5.089	49980	43823	54.733	51.925
20)	L4 AR-1242-5	0.000	5.642	0	42811	N.D.	34.845 #
21)	L5 AR-1248-1	5.684	4.785	66417	75775	76.441	79.974
22)	L5 AR-1248-2	5.974	5.047	32341	44706	28.765	34.551
23)	L5 AR-1248-3	6.186	5.089	43175	43823	31.676	36.729
24)	L5 AR-1248-4	0.000	5.267	0	62043	N.D.	40.196 #
26)	L6 AR-1254-1	6.578	5.642	31762	42811	17.997	16.791
27)	L6 AR-1254-2	6.806	5.804	37509	40583	13.341	17.998 #
28)	L6 AR-1254-3	7.181	6.215	22241	21706	7.324	6.056
29)	L6 AR-1254-4	7.478	0.000	29587	0	10.816	N.D. #
30)	L6 AR-1254-5	7.899	6.878	165444	162802	62.668	47.651
31)	L7 AR-1260-1	7.346	6.351	98241	124501	45.606	51.584
32)	L7 AR-1260-2	7.612	6.552	154536	151500	51.374	50.253
33)	L7 AR-1260-3	7.971	6.700	124937	129827	47.895	47.134
34)	L7 AR-1260-4	8.198	7.178	122843	106829	49.041	44.752
35)	L7 AR-1260-5	8.512	7.429	267498	272830	45.739	45.999
36)	L8 AR-1262-1	7.971	6.878	124937	162802	33.631	91.295 #
37)	L8 AR-1262-2	8.512	7.429	267498	272830	40.467	43.642
38)	L8 AR-1262-3	8.782	7.710	57205	67264	19.191	25.727 #
39)	L8 AR-1262-4	8.848f	7.771	106015	208784	32.562	44.013 #
40)	L8 AR-1262-5	9.422	8.269	69635	82773	28.967	34.983
41)	L9 AR-1268-1	8.782	7.710	57205	67264	7.141	9.259 #
42)	L9 AR-1268-2	8.848f	7.771	106015	208784	15.039	31.170 #
44)	L9 AR-1268-4	9.422	8.269	69635	82773	26.147	31.516
45)	L9 AR-1268-5	9.753	8.538	41320	29225	2.150	1.633

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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

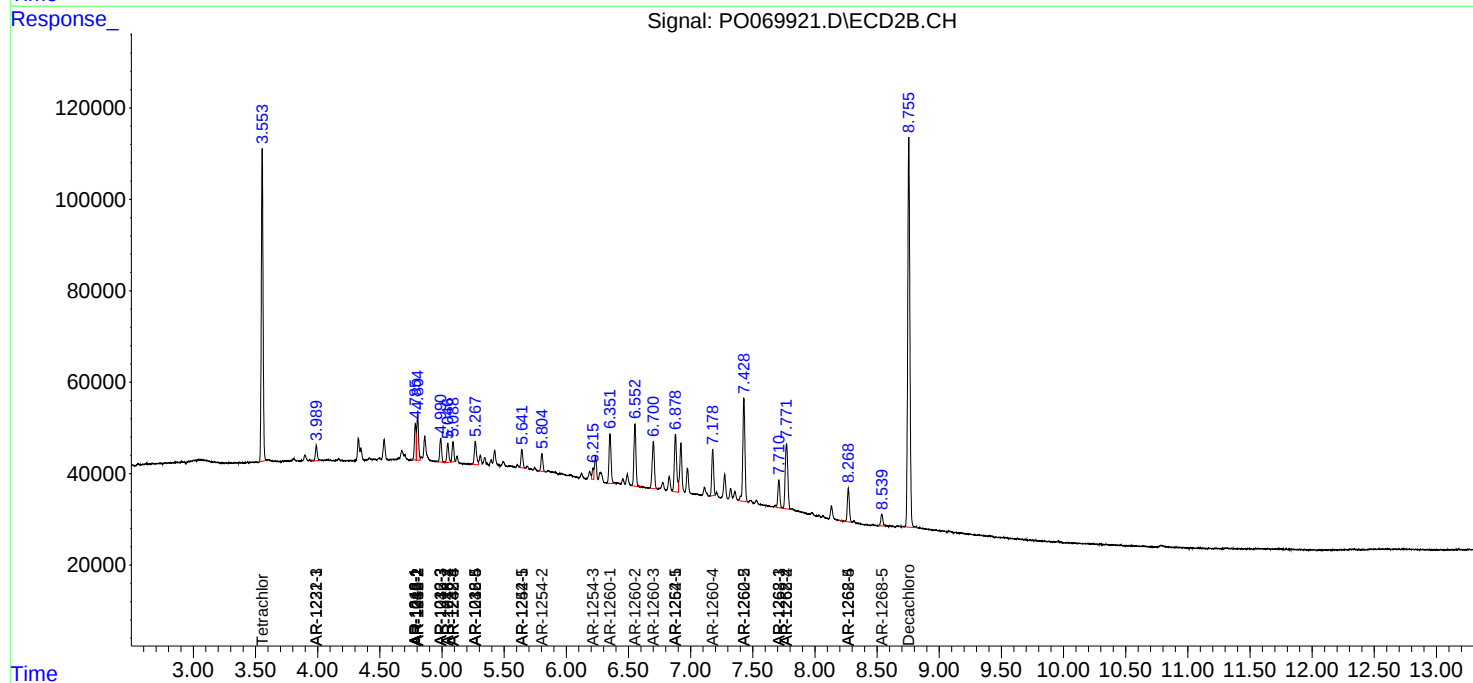
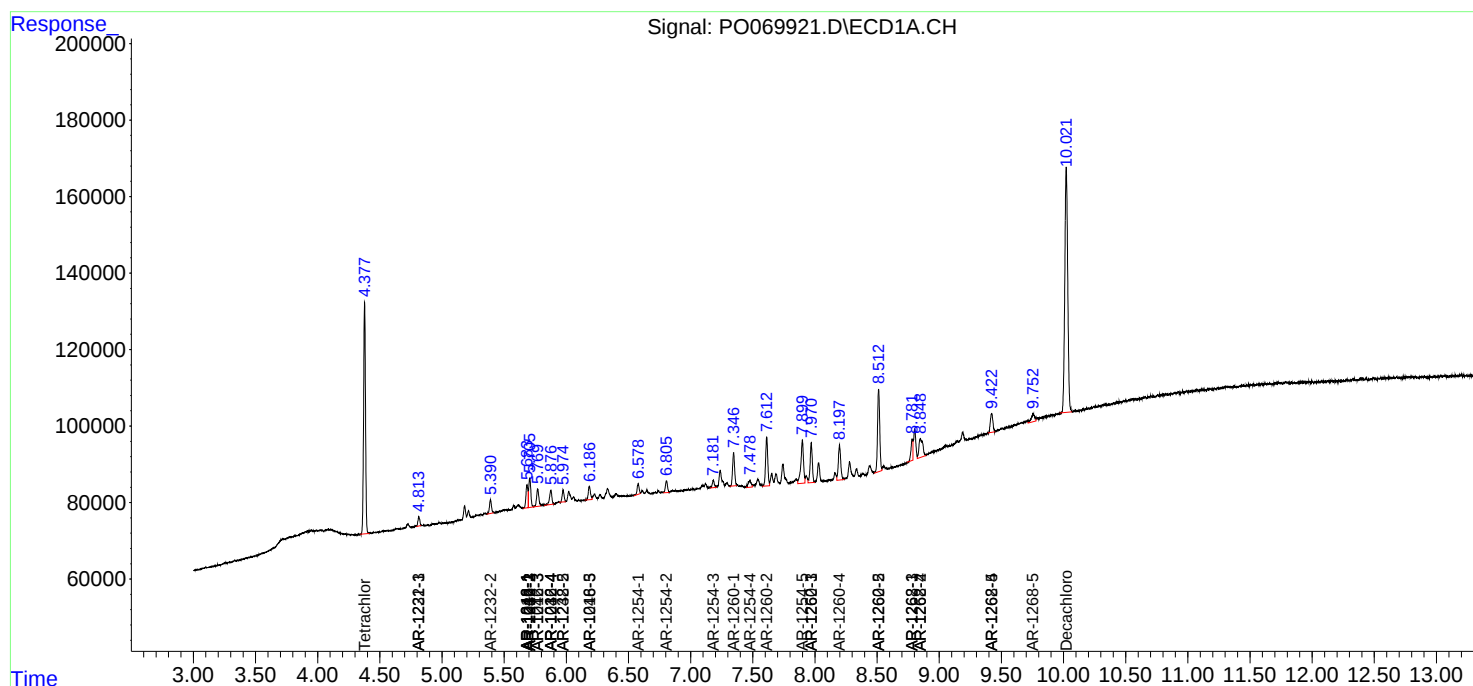
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

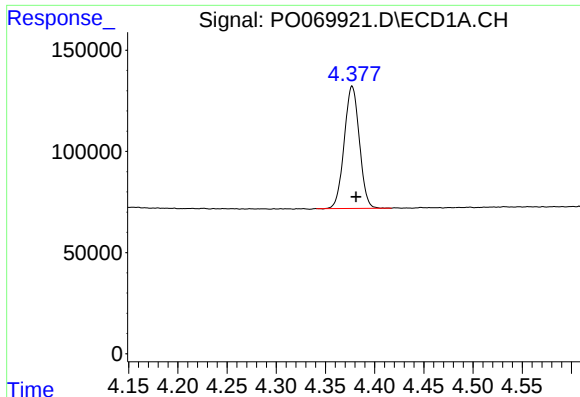
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072420\
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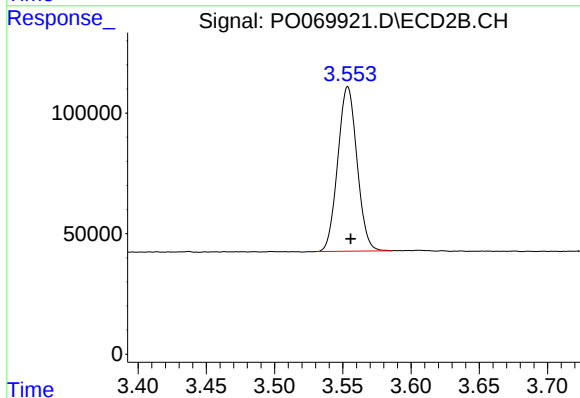




#1 Tetrachloro-m-xylene

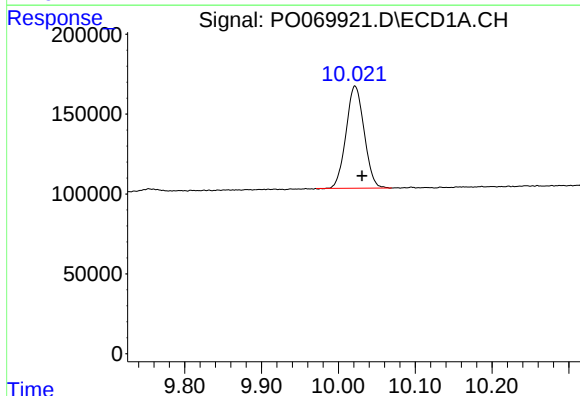
R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 647398
Conc: 18.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



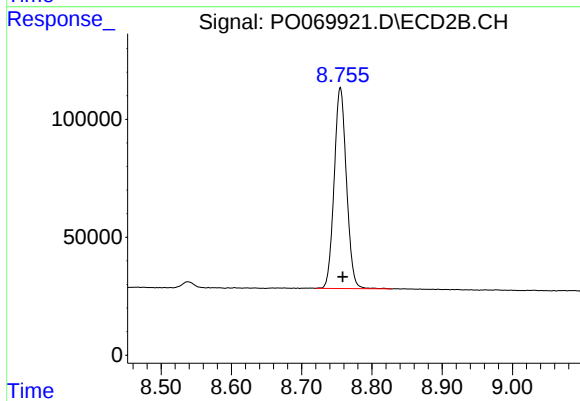
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: -0.002 min
Response: 670641
Conc: 18.61 ng/ml



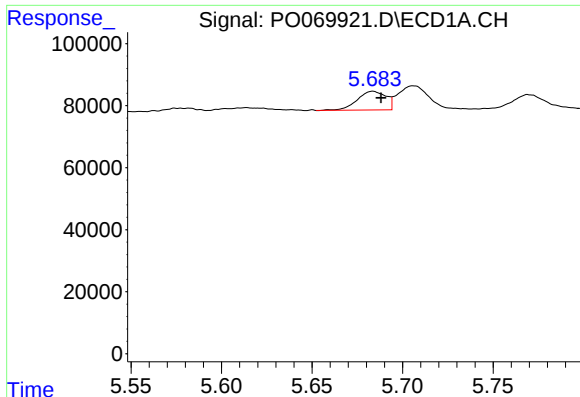
#2 Decachlorobiphenyl

R.T.: 10.022 min
Delta R.T.: -0.009 min
Response: 1046153
Conc: 19.58 ng/ml



#2 Decachlorobiphenyl

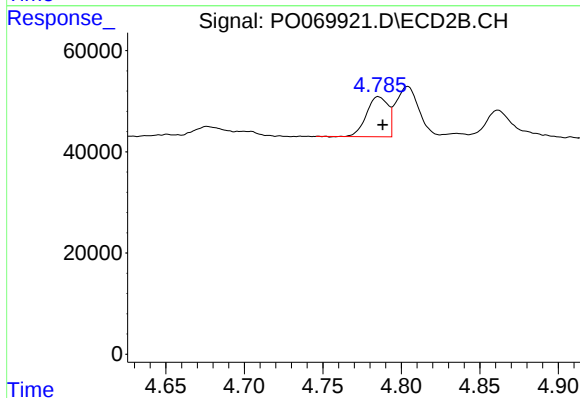
R.T.: 8.755 min
Delta R.T.: -0.004 min
Response: 1035222
Conc: 20.30 ng/ml



#3 AR-1016-1

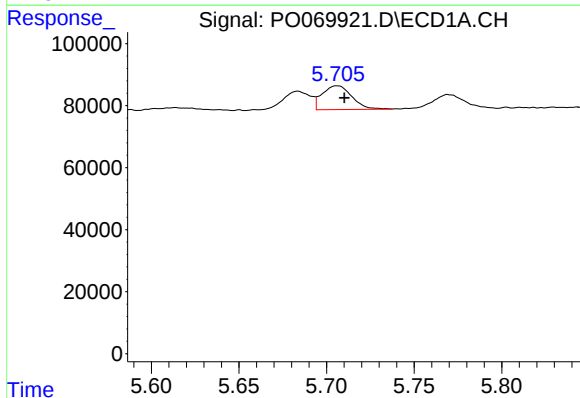
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 66417
Conc: 42.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



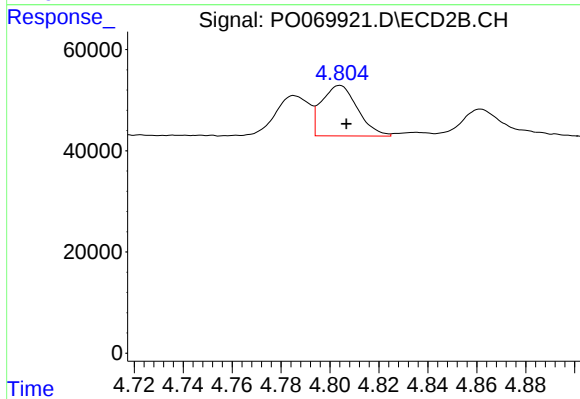
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 75775
Conc: 47.81 ng/ml



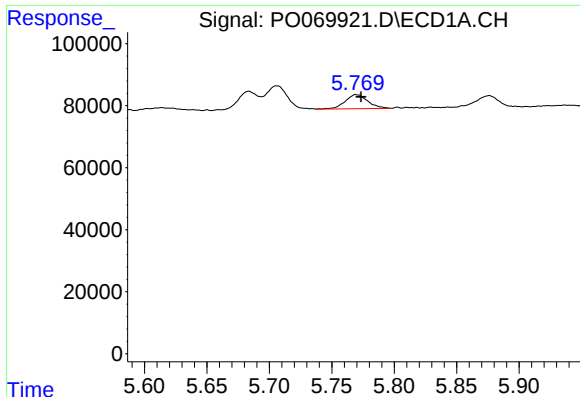
#4 AR-1016-2

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 90432
Conc: 41.07 ng/ml



#4 AR-1016-2

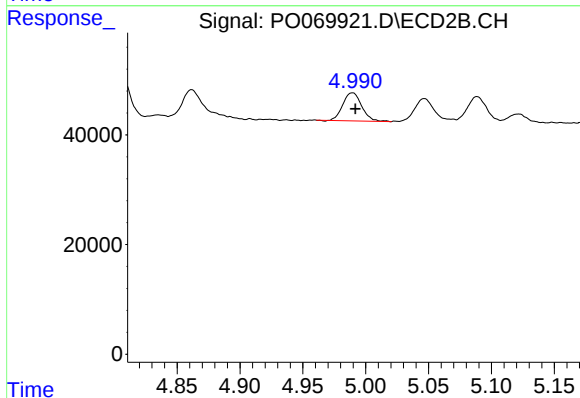
R.T.: 4.804 min
Delta R.T.: -0.003 min
Response: 101620
Conc: 45.96 ng/ml



#5 AR-1016-3

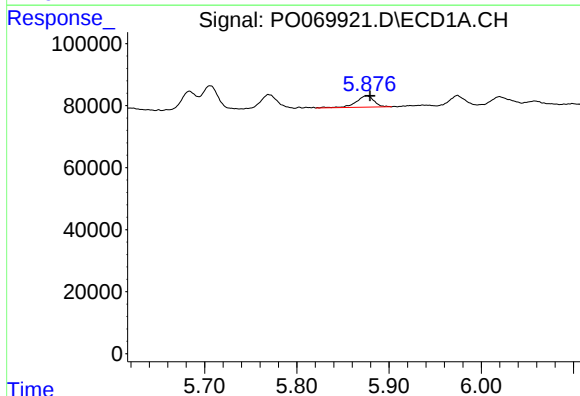
R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 57679
Conc: 43.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



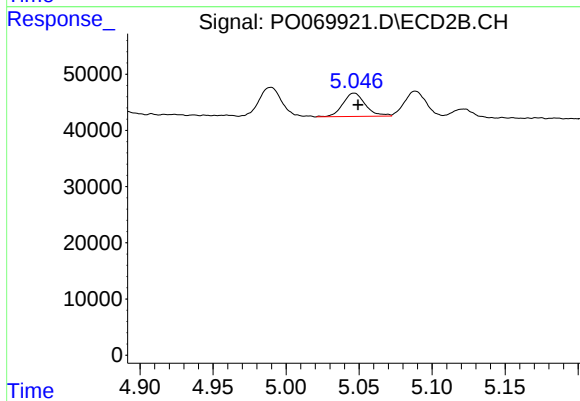
#5 AR-1016-3

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 53643
Conc: 45.20 ng/ml



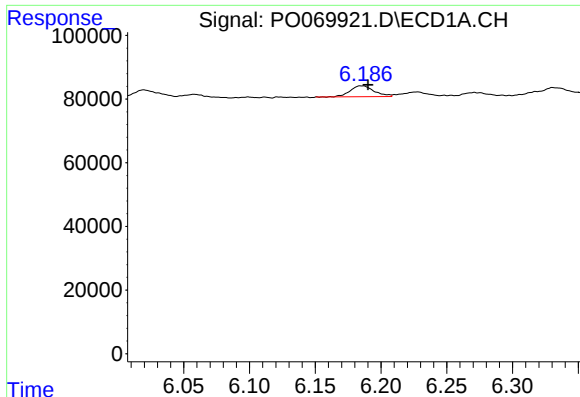
#6 AR-1016-4

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 49980
Conc: 43.26 ng/ml



#6 AR-1016-4

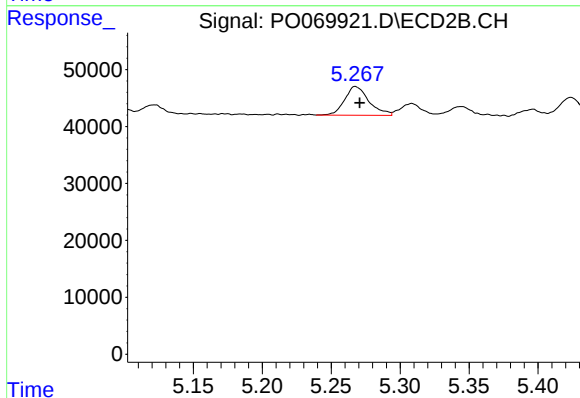
R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 44706
Conc: 44.45 ng/ml



#7 AR-1016-5

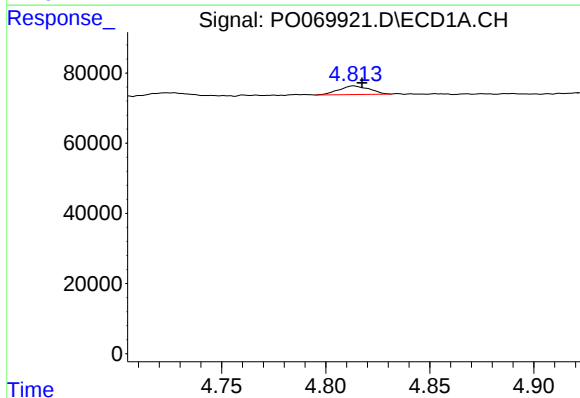
R.T.: 6.186 min
Delta R.T.: -0.004 min
Response: 43175
Conc: 38.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



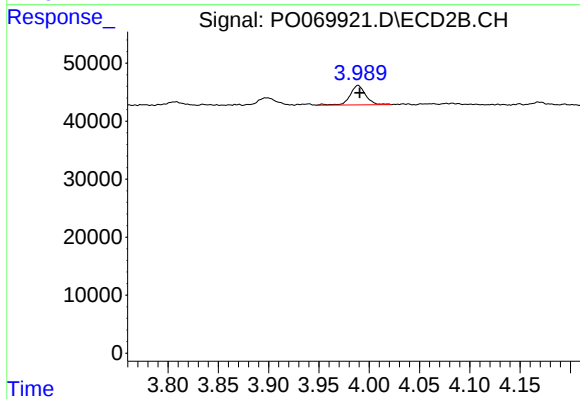
#7 AR-1016-5

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 62043
Conc: 50.52 ng/ml



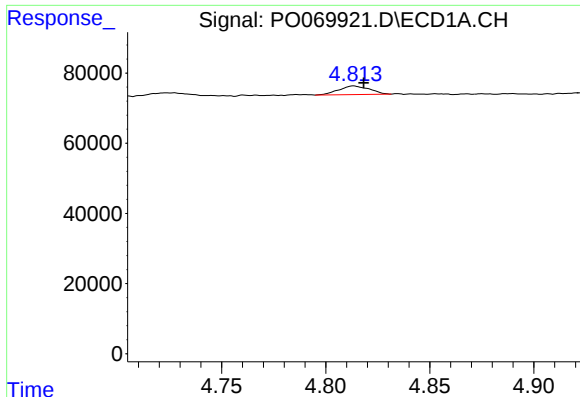
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: -0.004 min
Response: 25083
Conc: 24.91 ng/ml



#10 AR-1221-3

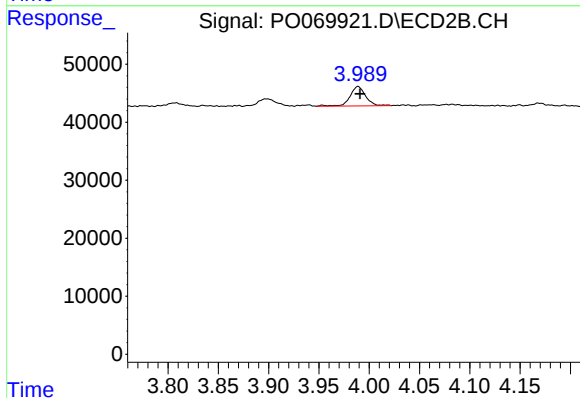
R.T.: 3.989 min
Delta R.T.: -0.001 min
Response: 36371
Conc: 34.95 ng/ml



#11 AR-1232-1

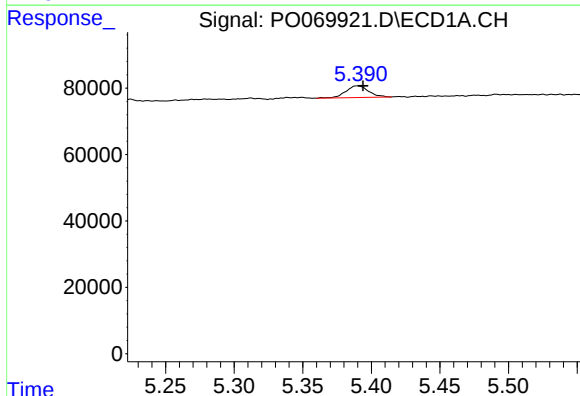
R.T.: 4.813 min
Delta R.T.: -0.005 min
Response: 25083
Conc: 30.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



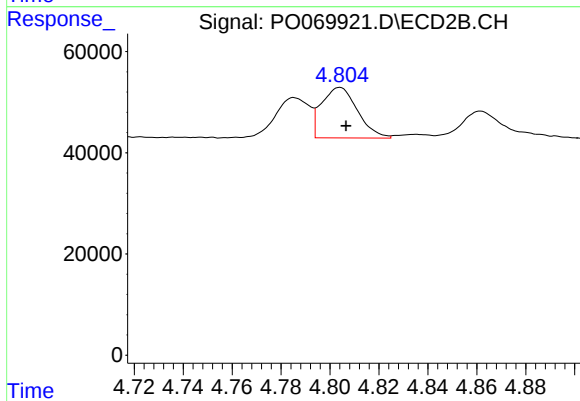
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 36371
Conc: 41.80 ng/ml



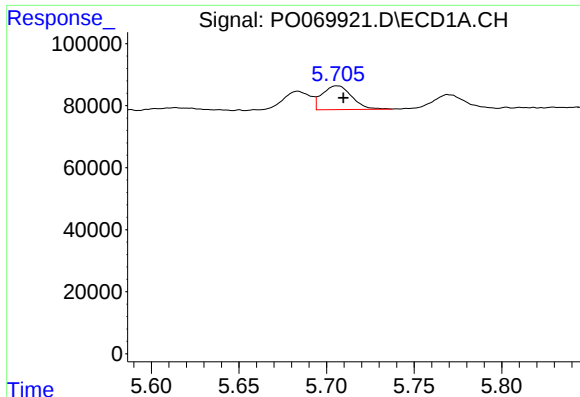
#12 AR-1232-2

R.T.: 5.390 min
Delta R.T.: -0.004 min
Response: 40450
Conc: 93.85 ng/ml



#12 AR-1232-2

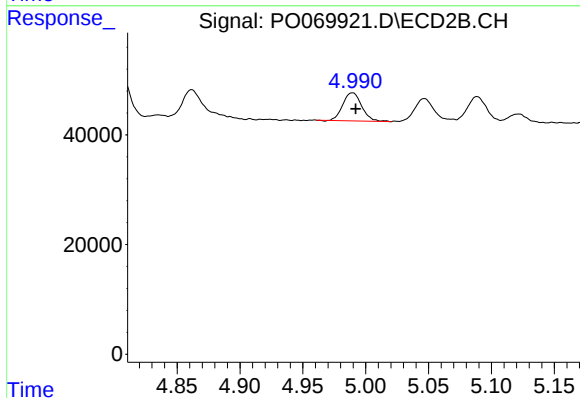
R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 101620
Conc: 104.48 ng/ml



#13 AR-1232-3

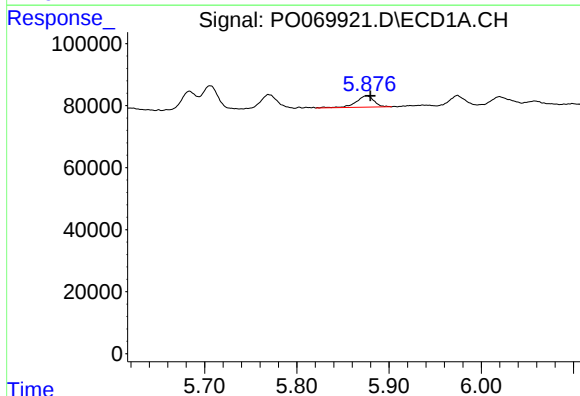
R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 90432
Conc: 91.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



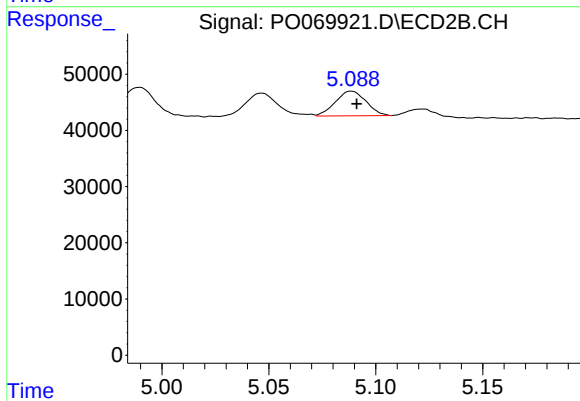
#13 AR-1232-3

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 53643
Conc: 103.57 ng/ml



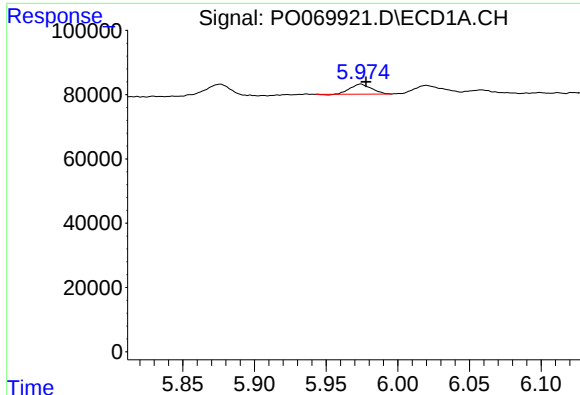
#14 AR-1232-4

R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 49980
Conc: 101.04 ng/ml



#14 AR-1232-4

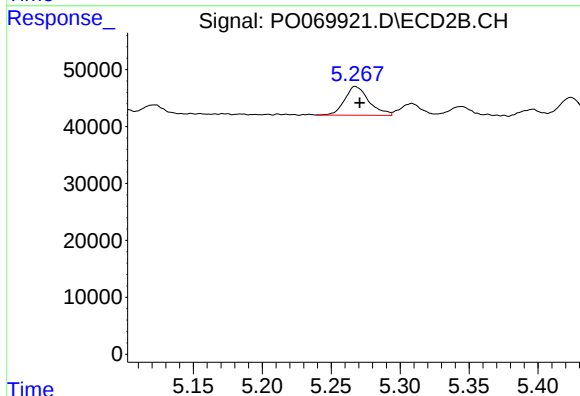
R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 43823
Conc: 102.88 ng/ml



#15 AR-1232-5

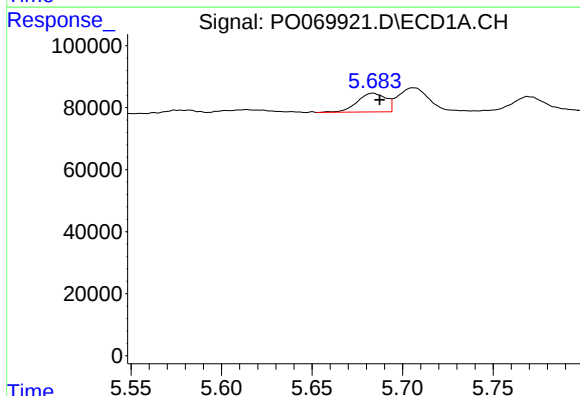
R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 32341
Conc: 101.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



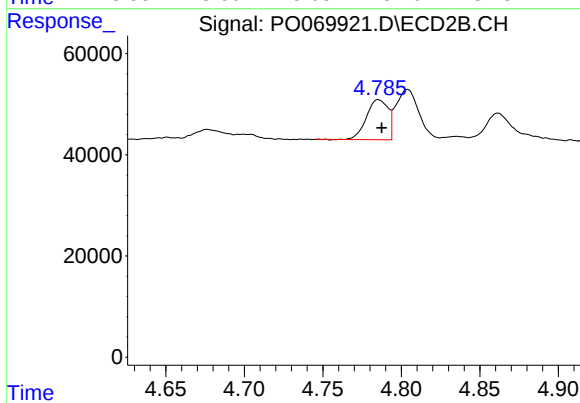
#15 AR-1232-5

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 62043
Conc: 122.39 ng/ml



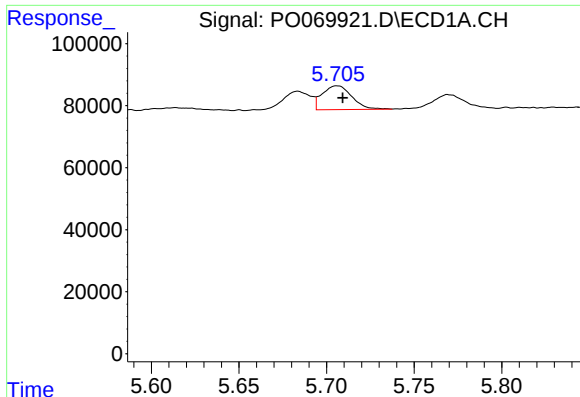
#16 AR-1242-1

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 66417
Conc: 53.45 ng/ml



#16 AR-1242-1

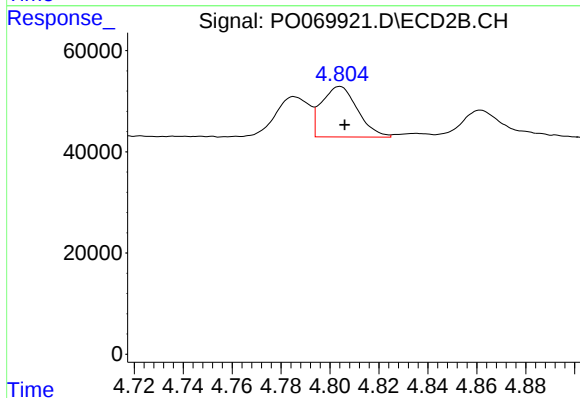
R.T.: 4.785 min
Delta R.T.: -0.002 min
Response: 75775
Conc: 61.16 ng/ml



#17 AR-1242-2

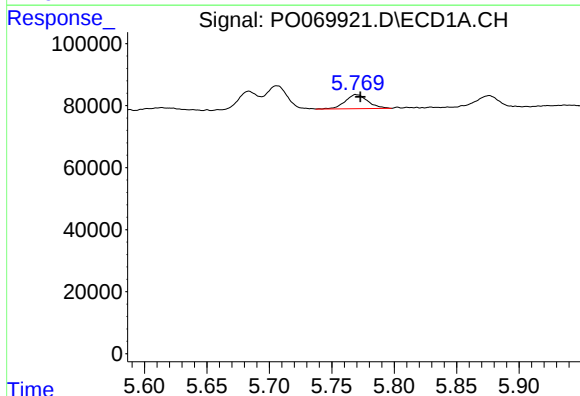
R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 90432
Conc: 50.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



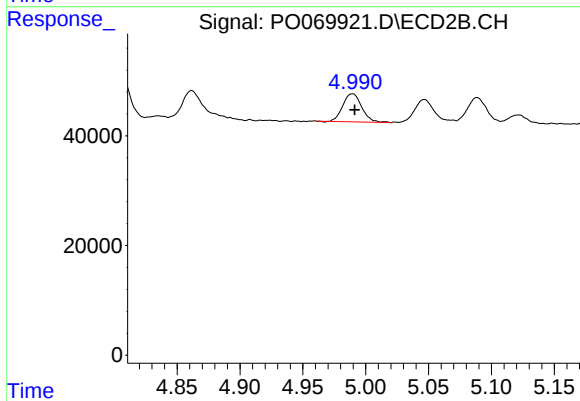
#17 AR-1242-2

R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 101620
Conc: 59.18 ng/ml



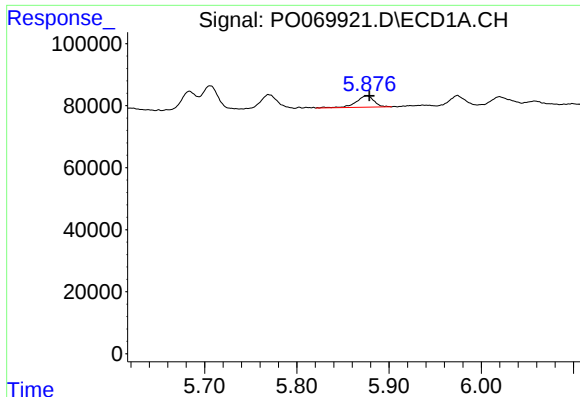
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 57679
Conc: 53.27 ng/ml



#18 AR-1242-3

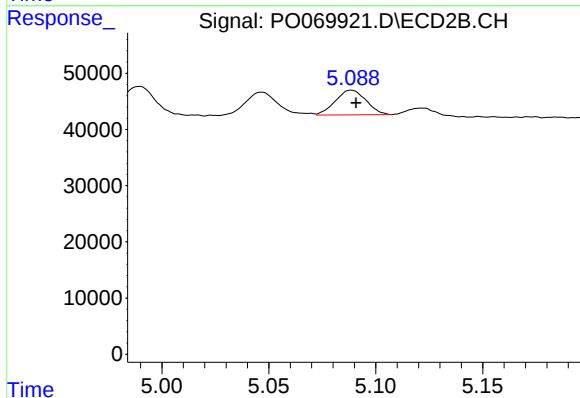
R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 53643
Conc: 57.72 ng/ml



#19 AR-1242-4

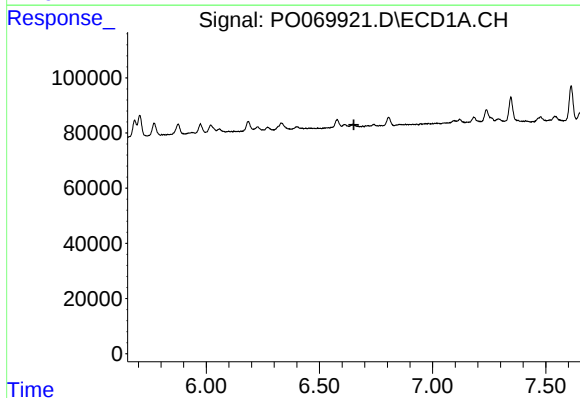
R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 49980
Conc: 54.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



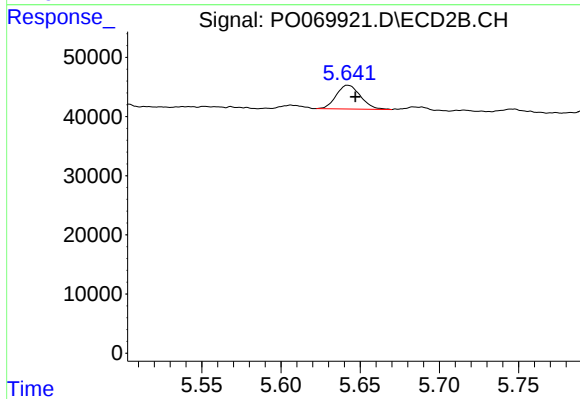
#19 AR-1242-4

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 43823
Conc: 51.93 ng/ml



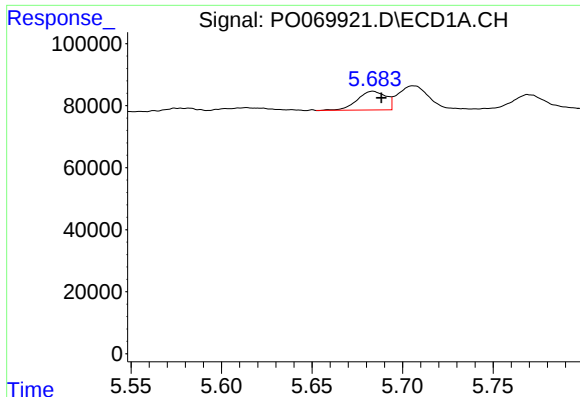
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.652 min
Response: 0
Conc: N.D.



#20 AR-1242-5

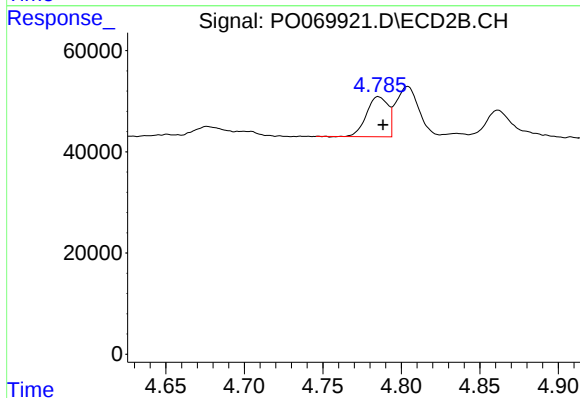
R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 42811
Conc: 34.85 ng/ml



#21 AR-1248-1

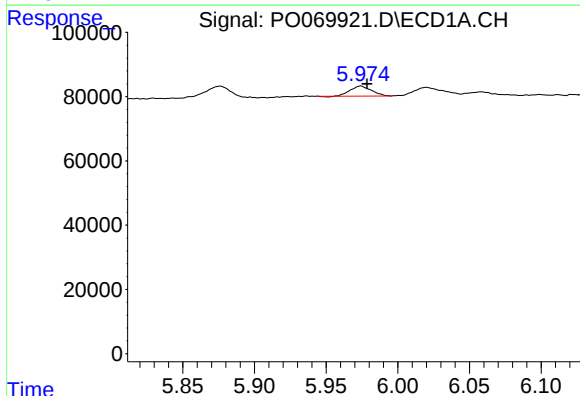
R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 66417
Conc: 76.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



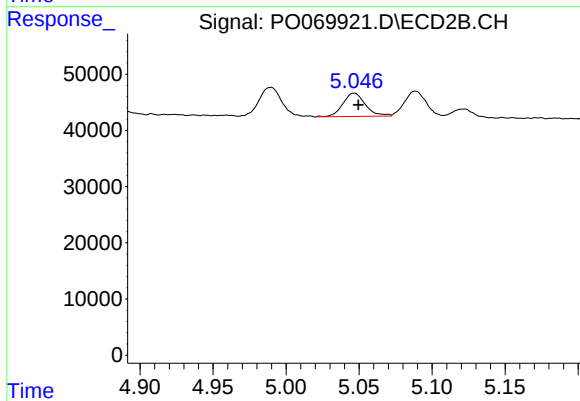
#21 AR-1248-1

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 75775
Conc: 79.97 ng/ml



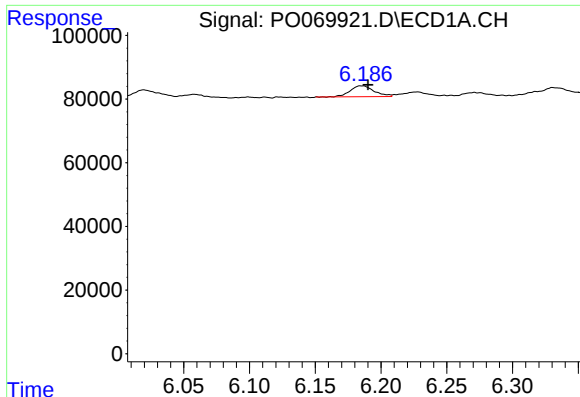
#22 AR-1248-2

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 32341
Conc: 28.76 ng/ml



#22 AR-1248-2

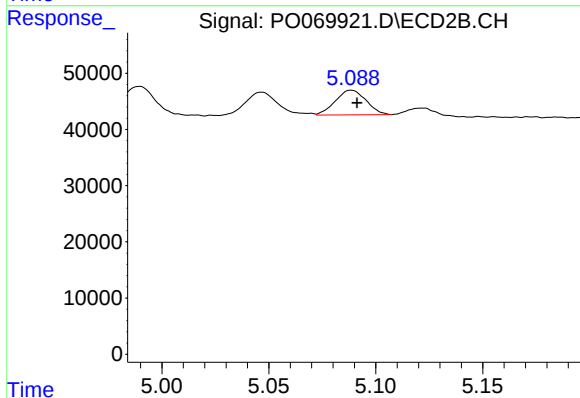
R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 44706
Conc: 34.55 ng/ml



#23 AR-1248-3

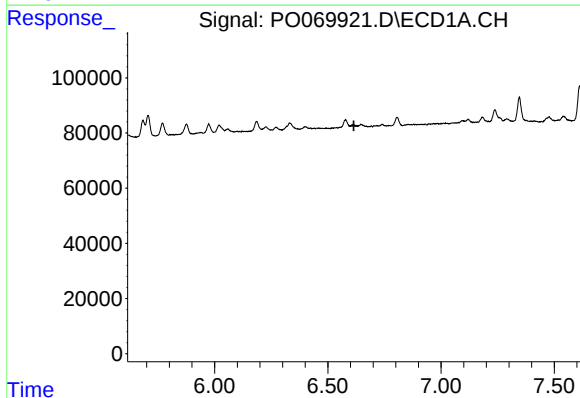
R.T.: 6.186 min
Delta R.T.: -0.004 min
Response: 43175
Conc: 31.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



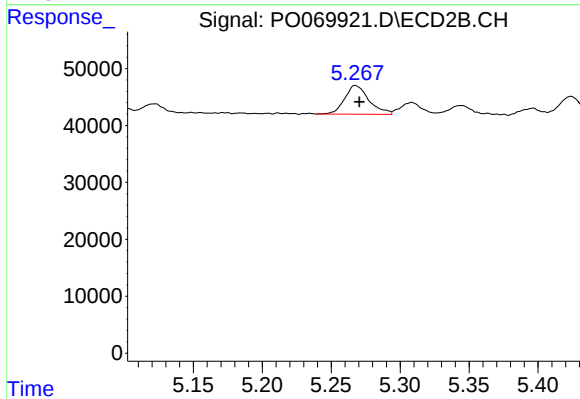
#23 AR-1248-3

R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 43823
Conc: 36.73 ng/ml



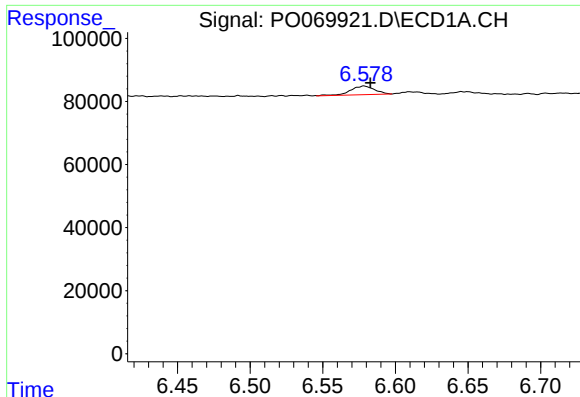
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.616 min
Response: 0
Conc: N.D.



#24 AR-1248-4

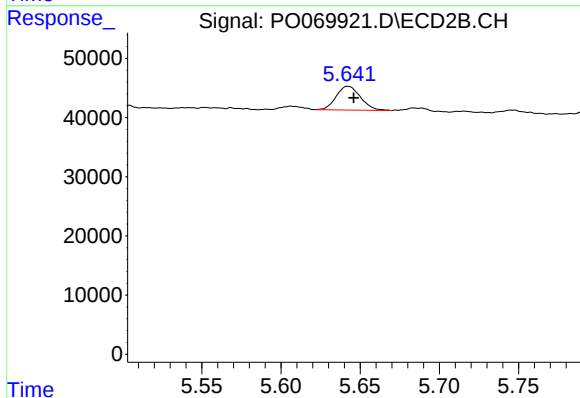
R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 62043
Conc: 40.20 ng/ml



#26 AR-1254-1

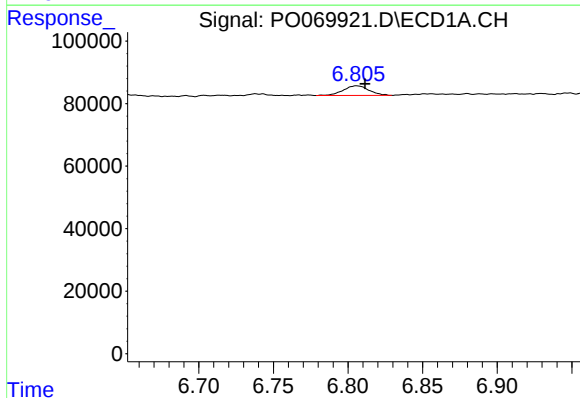
R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 31762
Conc: 18.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



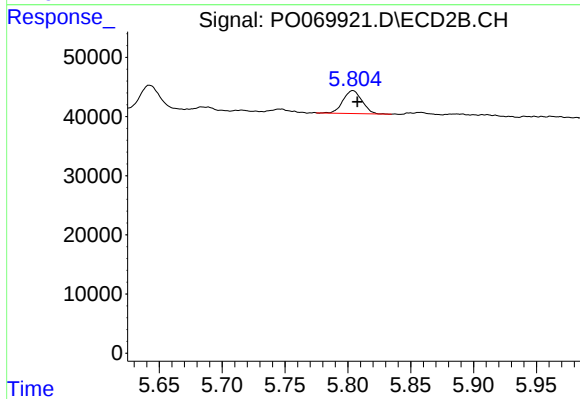
#26 AR-1254-1

R.T.: 5.642 min
Delta R.T.: -0.004 min
Response: 42811
Conc: 16.79 ng/ml



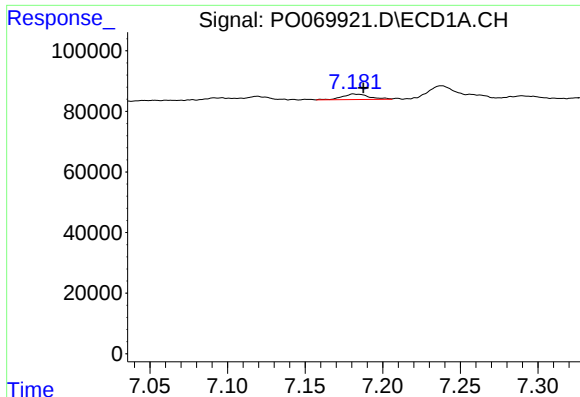
#27 AR-1254-2

R.T.: 6.806 min
Delta R.T.: -0.006 min
Response: 37509
Conc: 13.34 ng/ml



#27 AR-1254-2

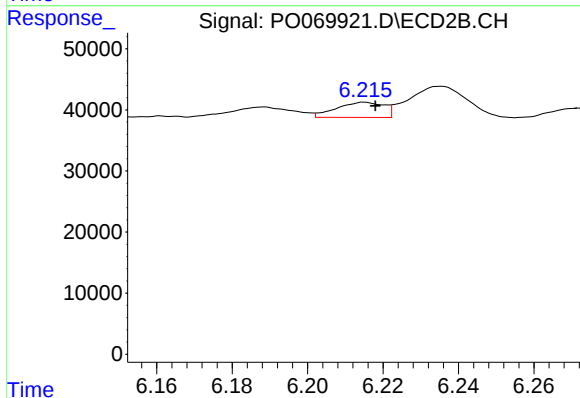
R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 40583
Conc: 18.00 ng/ml



#28 AR-1254-3

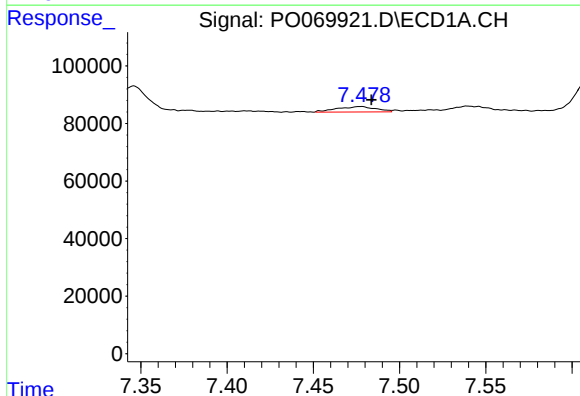
R.T.: 7.181 min
Delta R.T.: -0.007 min
Response: 22241
Conc: 7.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



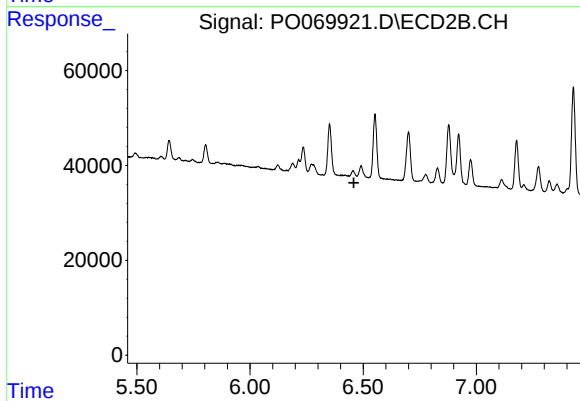
#28 AR-1254-3

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 21706
Conc: 6.06 ng/ml



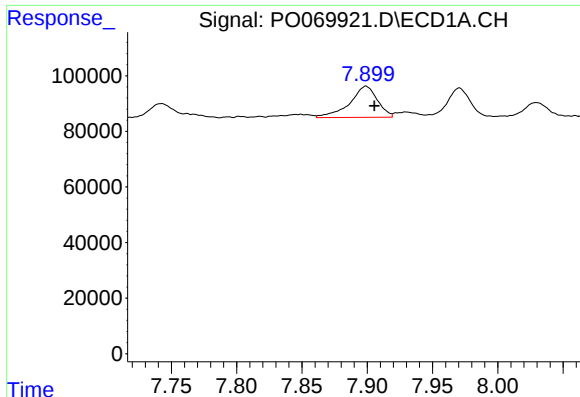
#29 AR-1254-4

R.T.: 7.478 min
Delta R.T.: -0.006 min
Response: 29587
Conc: 10.82 ng/ml



#29 AR-1254-4

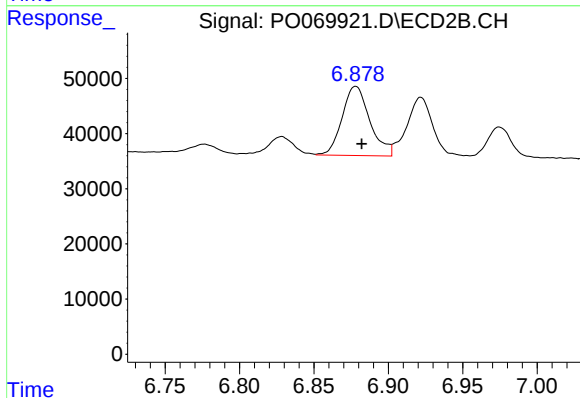
R.T.: 0.000 min
Exp R.T.: 6.459 min
Response: 0
Conc: N.D.



#30 AR-1254-5

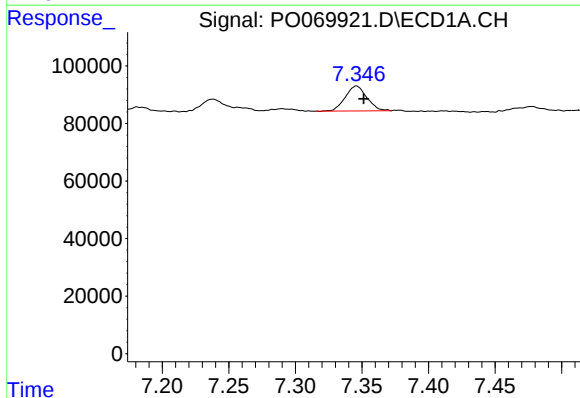
R.T.: 7.899 min
Delta R.T.: -0.007 min
Response: 165444
Conc: 62.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



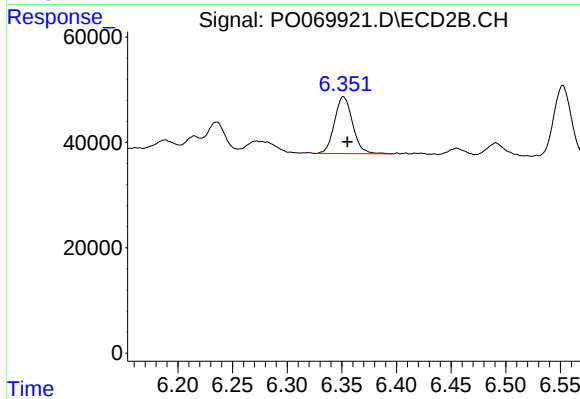
#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 162802
Conc: 47.65 ng/ml



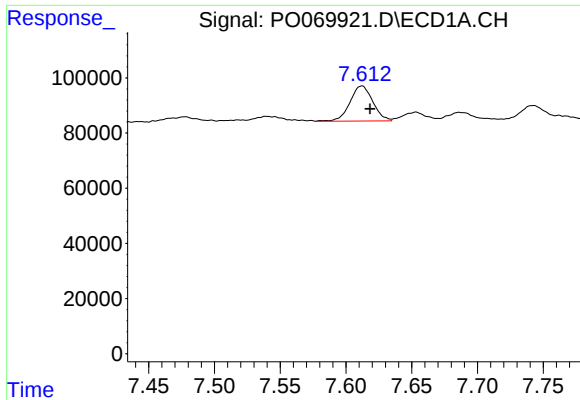
#31 AR-1260-1

R.T.: 7.346 min
Delta R.T.: -0.005 min
Response: 98241
Conc: 45.61 ng/ml



#31 AR-1260-1

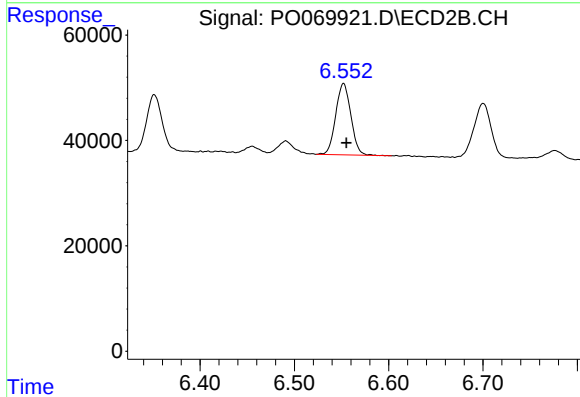
R.T.: 6.351 min
Delta R.T.: -0.004 min
Response: 124501
Conc: 51.58 ng/ml



#32 AR-1260-2

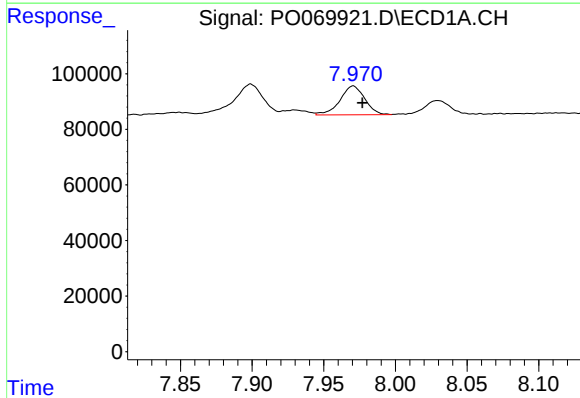
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 154536
Conc: 51.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



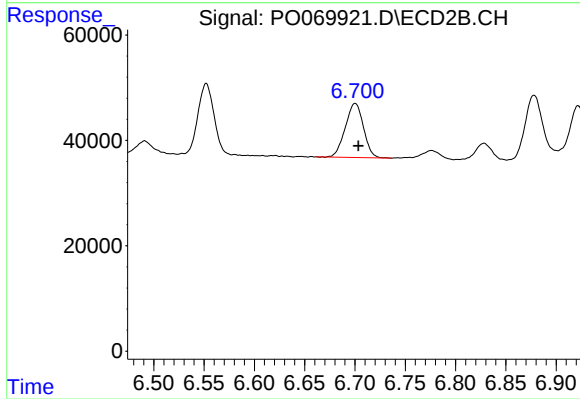
#32 AR-1260-2

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 151500
Conc: 50.25 ng/ml



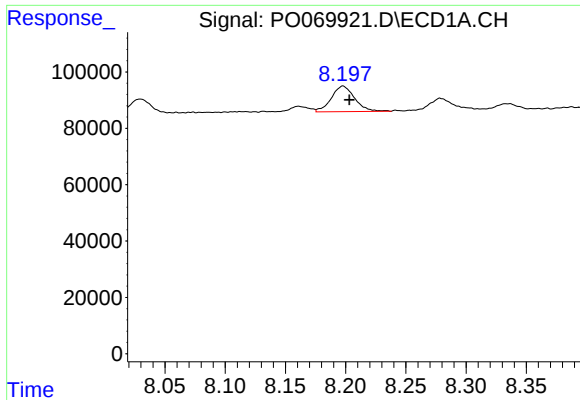
#33 AR-1260-3

R.T.: 7.971 min
Delta R.T.: -0.006 min
Response: 124937
Conc: 47.90 ng/ml



#33 AR-1260-3

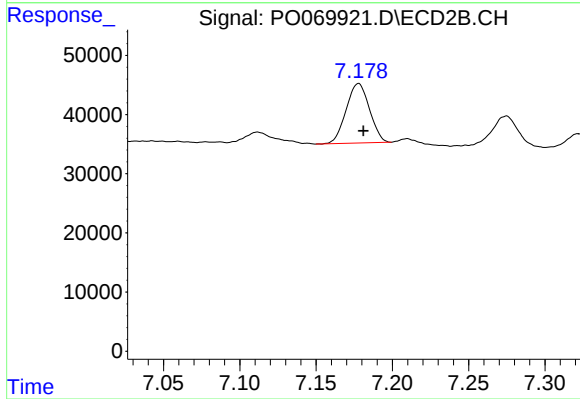
R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 129827
Conc: 47.13 ng/ml



#34 AR-1260-4

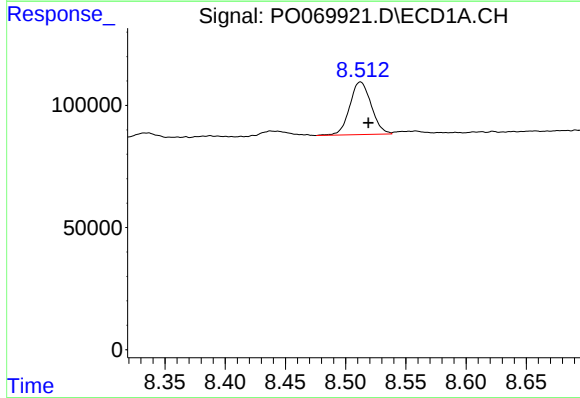
R.T.: 8.198 min
Delta R.T.: -0.005 min
Response: 122843
Conc: 49.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



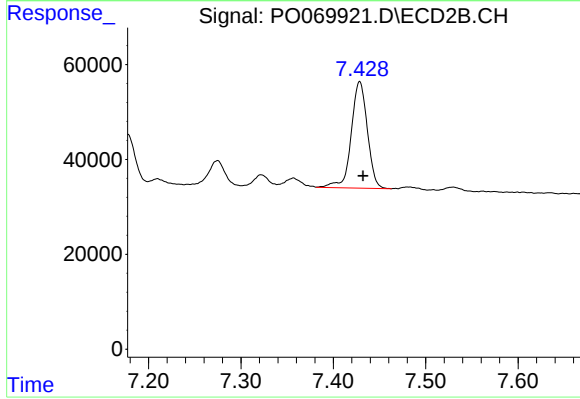
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 106829
Conc: 44.75 ng/ml



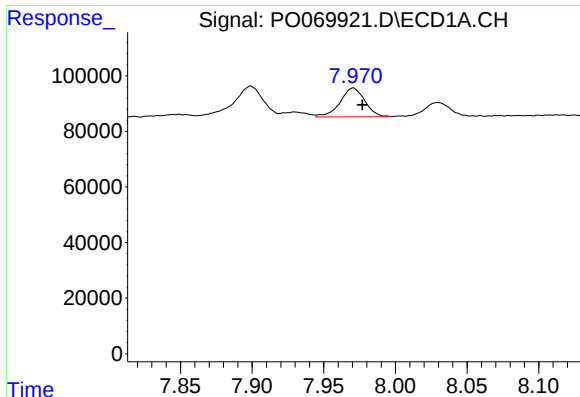
#35 AR-1260-5

R.T.: 8.512 min
Delta R.T.: -0.007 min
Response: 267498
Conc: 45.74 ng/ml



#35 AR-1260-5

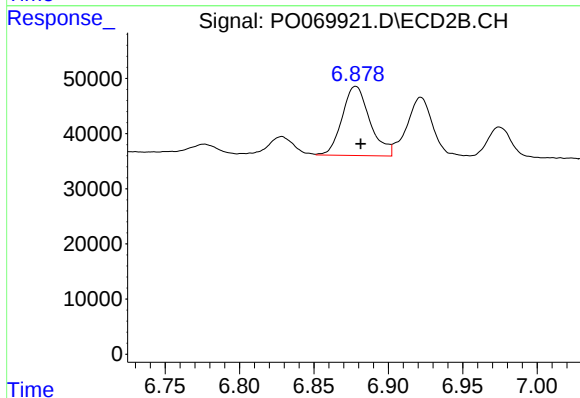
R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 272830
Conc: 46.00 ng/ml



#36 AR-1262-1

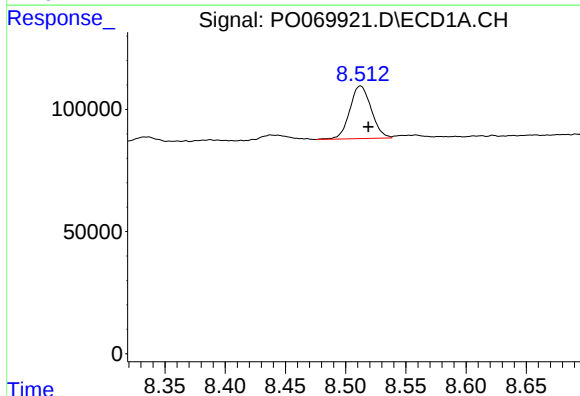
R.T.: 7.971 min
Delta R.T.: -0.006 min
Response: 124937
Conc: 33.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



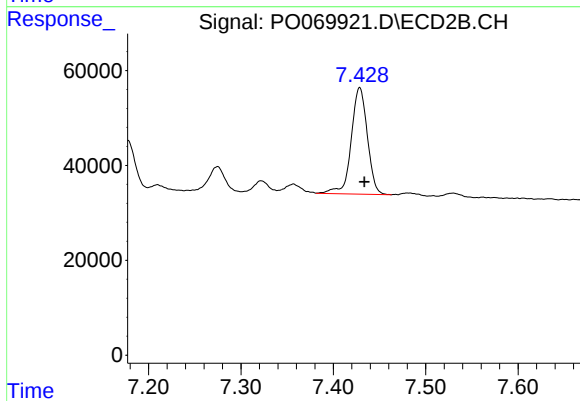
#36 AR-1262-1

R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 162802
Conc: 91.29 ng/ml



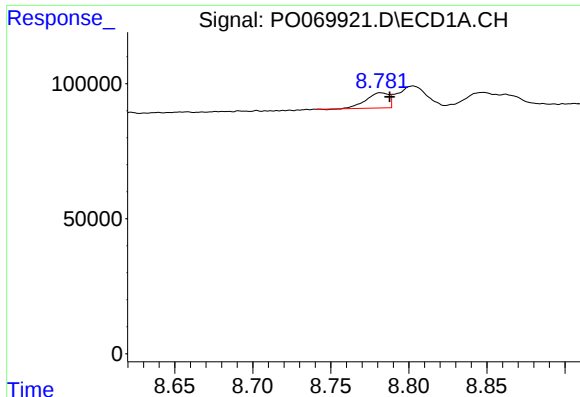
#37 AR-1262-2

R.T.: 8.512 min
Delta R.T.: -0.006 min
Response: 267498
Conc: 40.47 ng/ml



#37 AR-1262-2

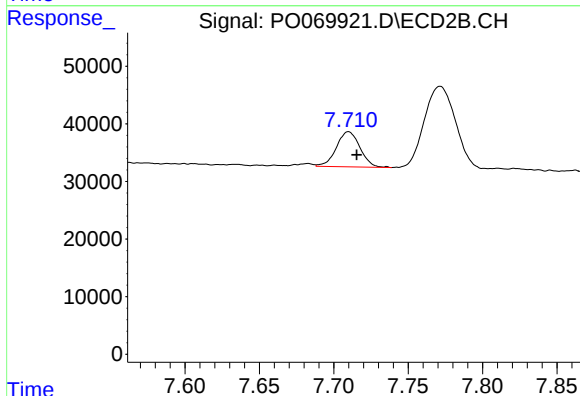
R.T.: 7.429 min
Delta R.T.: -0.005 min
Response: 272830
Conc: 43.64 ng/ml



#38 AR-1262-3

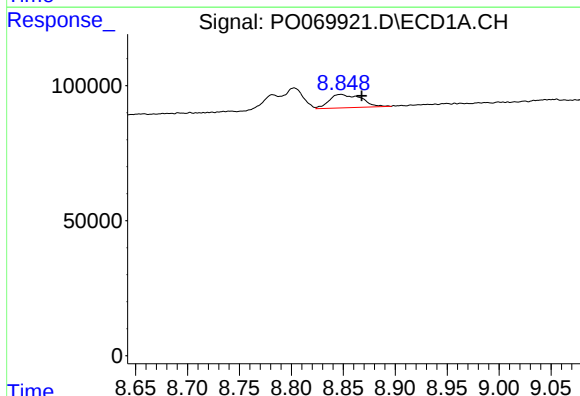
R.T.: 8.782 min
Delta R.T.: -0.006 min
Response: 57205
Conc: 19.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



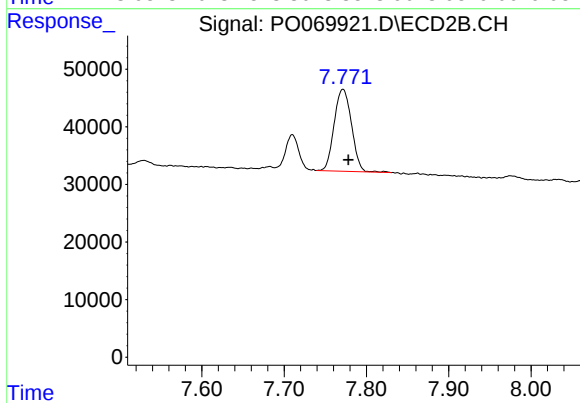
#38 AR-1262-3

R.T.: 7.710 min
Delta R.T.: -0.006 min
Response: 67264
Conc: 25.73 ng/ml



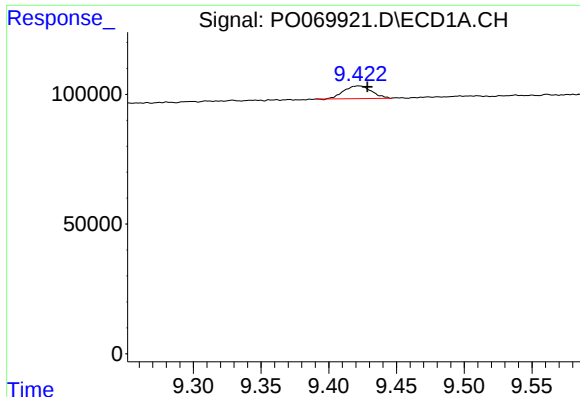
#39 AR-1262-4

R.T.: 8.848 min
Delta R.T.: -0.020 min
Response: 106015
Conc: 32.56 ng/ml



#39 AR-1262-4

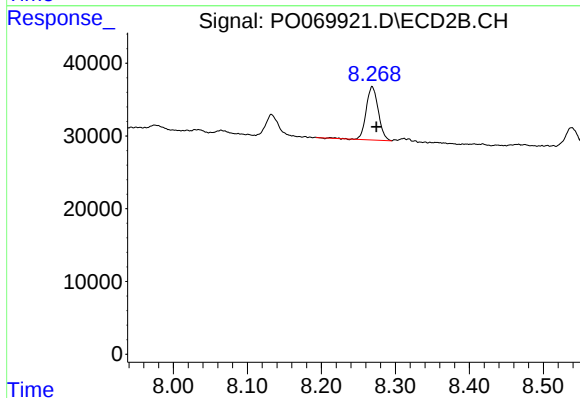
R.T.: 7.771 min
Delta R.T.: -0.006 min
Response: 208784
Conc: 44.01 ng/ml



#40 AR-1262-5

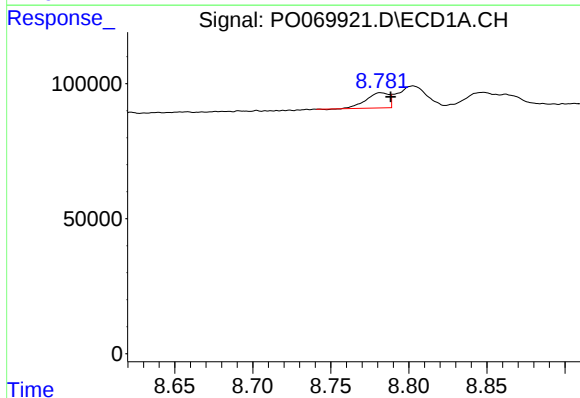
R.T.: 9.422 min
Delta R.T.: -0.006 min
Response: 69635
Conc: 28.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



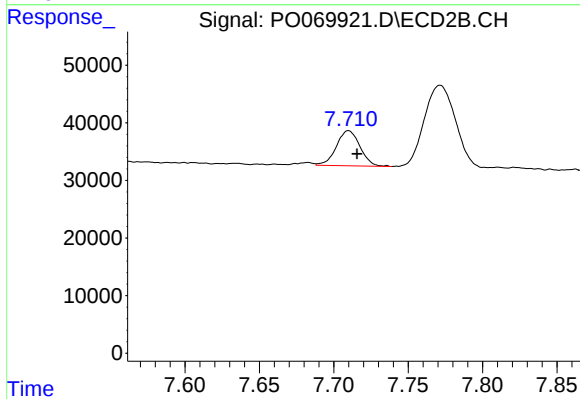
#40 AR-1262-5

R.T.: 8.269 min
Delta R.T.: -0.006 min
Response: 82773
Conc: 34.98 ng/ml



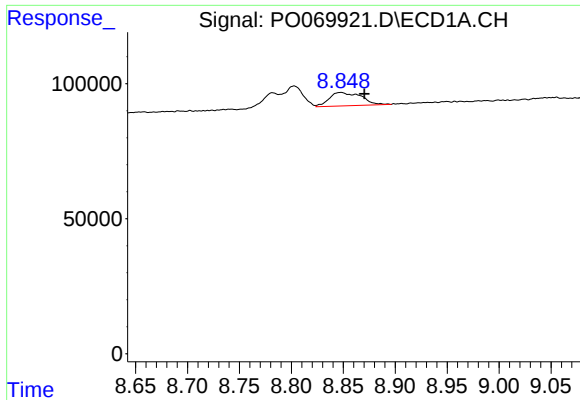
#41 AR-1268-1

R.T.: 8.782 min
Delta R.T.: -0.006 min
Response: 57205
Conc: 7.14 ng/ml



#41 AR-1268-1

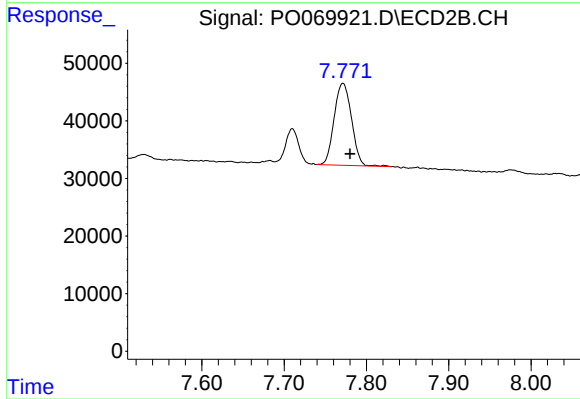
R.T.: 7.710 min
Delta R.T.: -0.006 min
Response: 67264
Conc: 9.26 ng/ml



#42 AR-1268-2

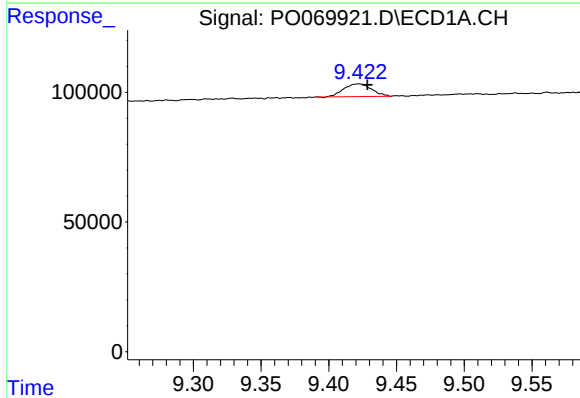
R.T.: 8.848 min
Delta R.T.: -0.023 min
Response: 106015
Conc: 15.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



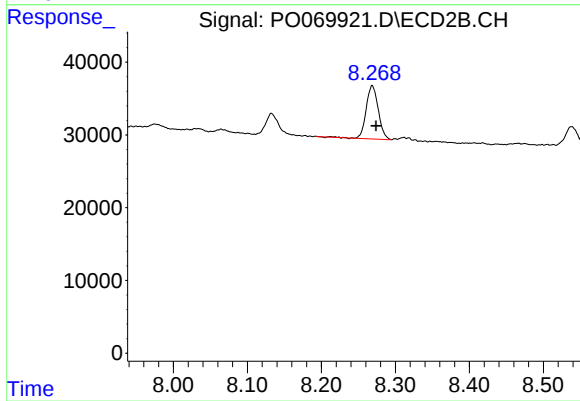
#42 AR-1268-2

R.T.: 7.771 min
Delta R.T.: -0.009 min
Response: 208784
Conc: 31.17 ng/ml



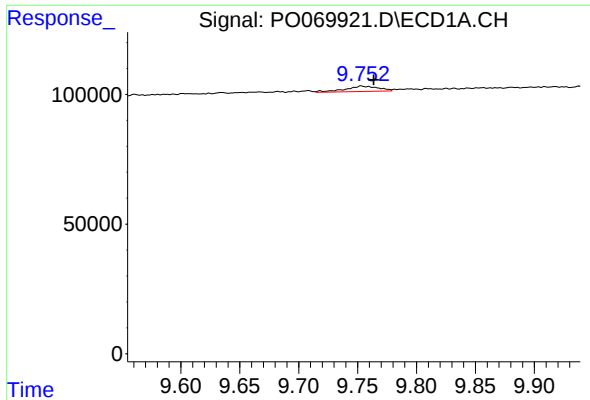
#44 AR-1268-4

R.T.: 9.422 min
Delta R.T.: -0.006 min
Response: 69635
Conc: 26.15 ng/ml



#44 AR-1268-4

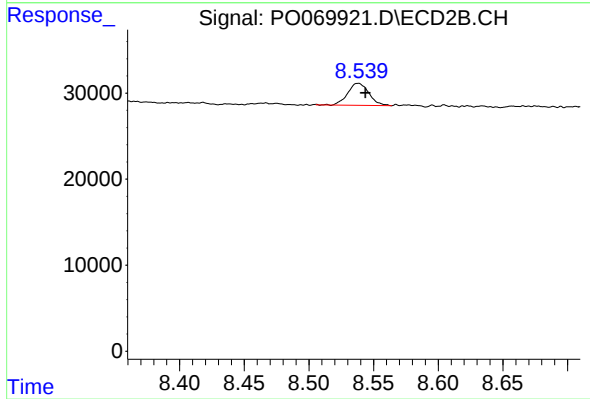
R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 82773
Conc: 31.52 ng/ml



#45 AR-1268-5

R.T.: 9.753 min
Delta R.T.: -0.011 min
Response: 41320
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.538 min
Delta R.T.: -0.006 min
Response: 29225
Conc: 1.63 ng/ml