

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PQ100218\
 Data File : P0049548.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Oct 2018 12:59
 Operator : SM/SJ
 Sample : J4777-37
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 13:24:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0100118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 02 05:32:25 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...	4.386	3.517	8209739	7035946	23.249	20.687
2)	SA Decachlor...	10.097	8.446	6185122	3533591	13.053	11.565
Target Compounds							
3)	L1 AR-1016-1	5.558	4.584	1182712	246840	82.778	18.399 #
4)	L1 AR-1016-2	5.581	4.603	1958918	421890	97.746	23.261 #
5)	L1 AR-1016-3	5.644	4.775	1668550	347890	134.213	32.213 #
6)	L1 AR-1016-4	5.742	4.818	1449591	348941	142.998	44.148 #
7)	L1 AR-1016-5	6.036	5.028	2450810	2398119	253.616	221.866
8)	L2 AR-1221-1	0.000	3.675	0	236958	N.D.	66.036 #
9)	L2 AR-1221-2	4.692	3.808	232641	357629	82.008	133.804 #
10)	L2 AR-1221-3	4.761	3.941	301931	870620	32.895	105.586 #
11)	L3 AR-1232-1	4.761	3.941	301931	870620	45.649	139.001 #
12)	L3 AR-1232-2	5.291	4.603	890898	421890	257.652	57.349 #
13)	L3 AR-1232-3	5.581	4.775	1958918	347890	251.258	84.086 #
14)	L3 AR-1232-4	5.742	4.859	1449591	206797	374.889	60.033 #
15)	L3 AR-1232-5	5.832	5.028	1935094	2398119	740.718	599.292
16)	L4 AR-1242-1	5.558	4.584	1182712	246840	112.741	24.140 #
17)	L4 AR-1242-2	5.581	4.603	1958918	421890	133.892	30.167 #
18)	L4 AR-1242-3	5.644	4.775	1668550	347890	188.220	43.983 #
19)	L4 AR-1242-4	5.742	4.859	1449591	206797	195.997	28.265 #
20)	L4 AR-1242-5	6.478	5.378	3925183	1439613	433.419	148.808 #
21)	L5 AR-1248-1	5.558	4.584	1182712	246840	138.772	29.860 #
22)	L5 AR-1248-2	5.832	4.818	1935094	348941	177.095	33.481 #
23)	L5 AR-1248-3	6.036	4.859	2450810	206797	191.493	19.225 #
24)	L5 AR-1248-4	6.440	5.028	2054964	2398119	126.459	178.272 #
25)	L5 AR-1248-5	6.478	5.399	3925183	3069881	254.204	218.733
26)	L6 AR-1254-1	6.415	5.378	4744979	1439613	268.477	62.175 #
27)	L6 AR-1254-2	6.632	5.520	4921172	1462529	177.076	74.045 #
28)	L6 AR-1254-3	7.008	5.920	4779671	1094288	154.963	33.399 #
29)	L6 AR-1254-4	7.285	6.146	3572425	1214664	141.760	53.336 #
30)	L6 AR-1254-5	7.703	6.560	1288045	1192817	52.649	39.741
31)	L7 AR-1260-1	7.160	6.049	2938125	2044534	138.912	99.598 #
32)	L7 AR-1260-2	7.412	6.221	5031315	2131751	186.993	80.073 #
33)	L7 AR-1260-3	7.729	6.386	714900	1228536	36.185	51.834 #
34)	L7 AR-1260-4	7.995	6.893	413228	352275	21.009	19.528
35)	L7 AR-1260-5	8.320	7.095	292300	307153	6.512	6.574
36)	L8 AR-1262-1	7.729	6.560	714900	1192817	24.811	41.299 #
37)	L8 AR-1262-2	8.320	7.095	292300	307153	5.936	6.158
38)	L8 AR-1262-3	0.000	7.439	0	258419	N.D.	13.059 #
39)	L8 AR-1262-4	0.000	7.439	0	258419	N.D.	7.334 #
41)	L9 AR-1268-1	0.000	7.439	0	258419	N.D.	4.071 #
42)	L9 AR-1268-2	0.000	7.439	0	258419	N.D.	4.483 #

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0100118.M
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QLast Update : Tue Oct 02 05:32:25 2018
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

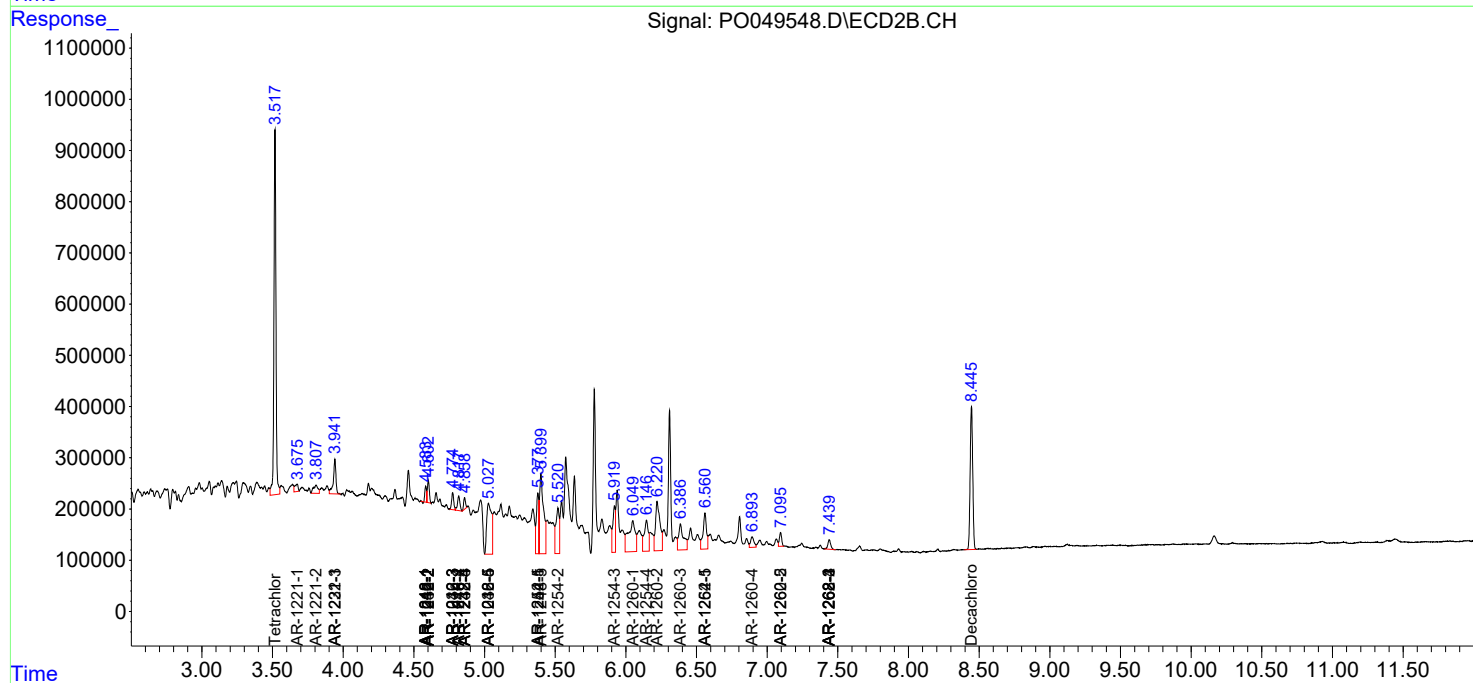
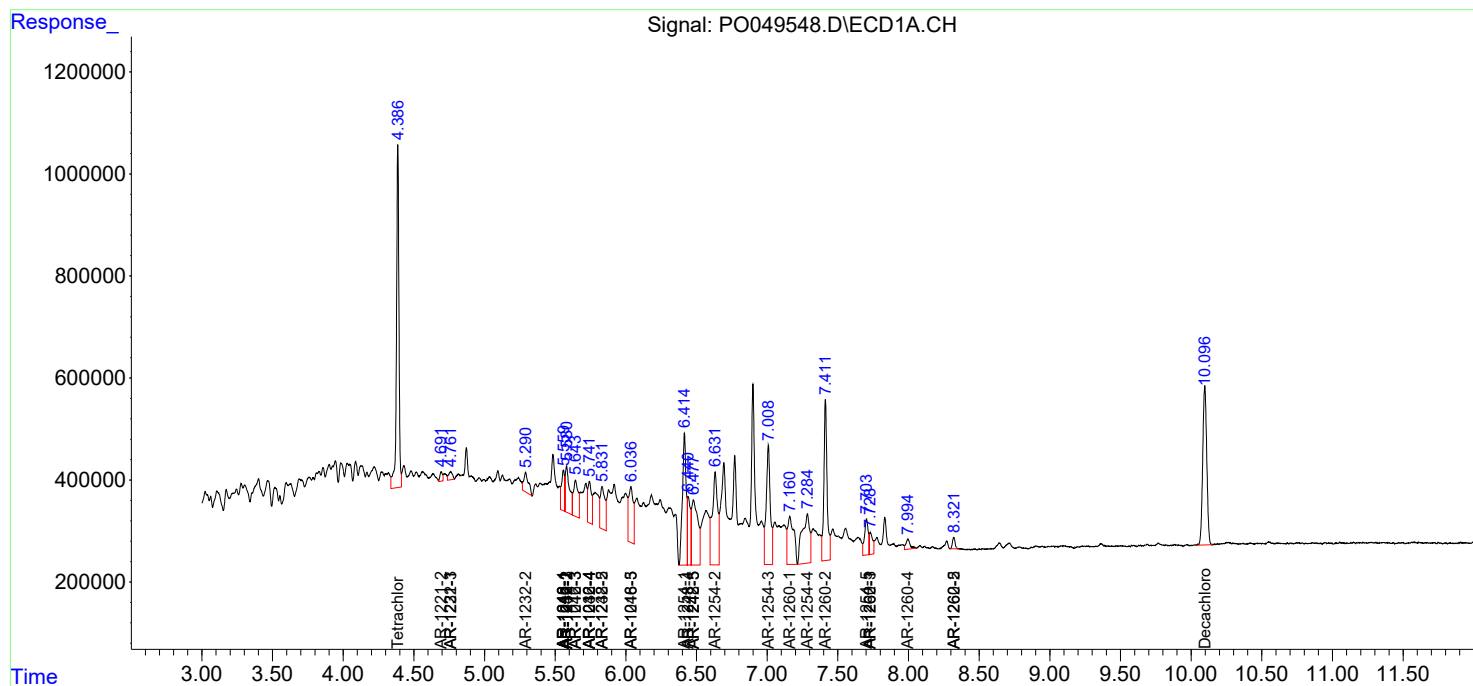
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

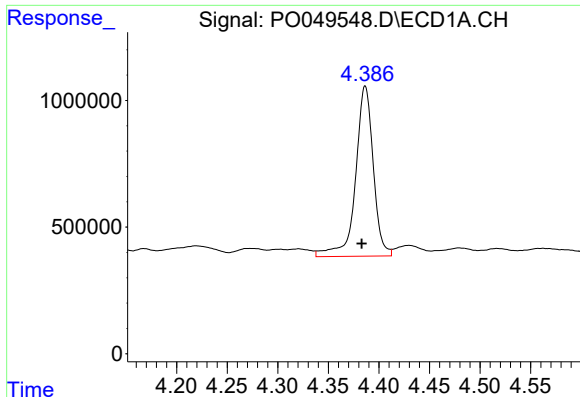
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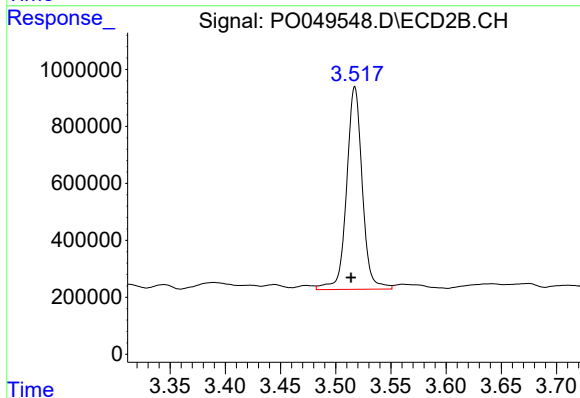




#1 Tetrachloro-m-xylene

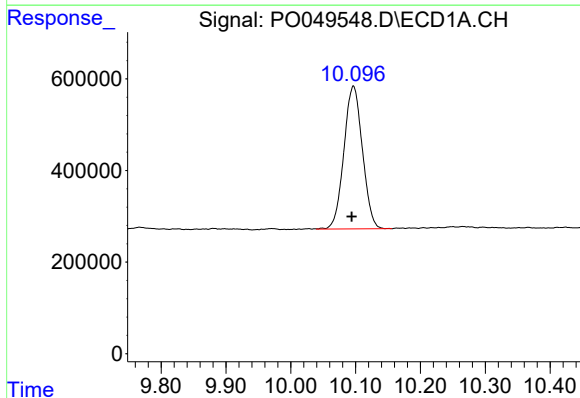
R.T.: 4.386 min
Delta R.T.: 0.003 min
Response: 8209739
Conc: 23.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



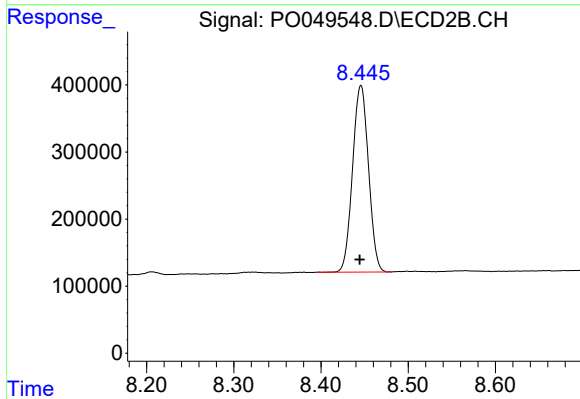
#1 Tetrachloro-m-xylene

R.T.: 3.517 min
Delta R.T.: 0.003 min
Response: 7035946
Conc: 20.69 ng/ml



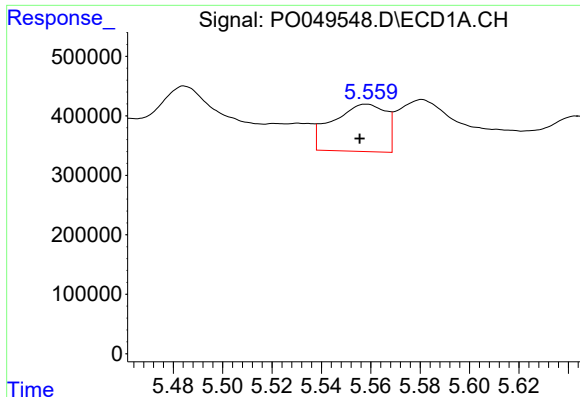
#2 Decachlorobiphenyl

R.T.: 10.097 min
Delta R.T.: 0.003 min
Response: 6185122
Conc: 13.05 ng/ml



#2 Decachlorobiphenyl

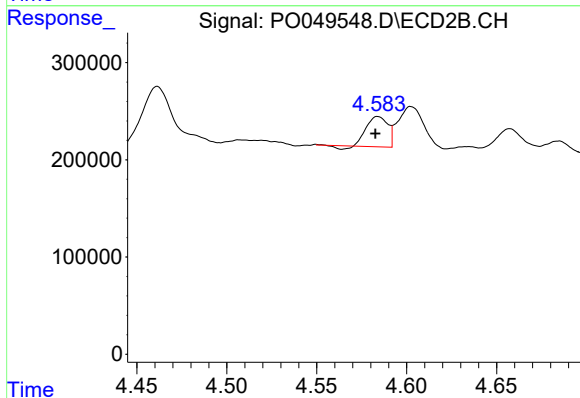
R.T.: 8.446 min
Delta R.T.: 0.001 min
Response: 3533591
Conc: 11.57 ng/ml



#3 AR-1016-1

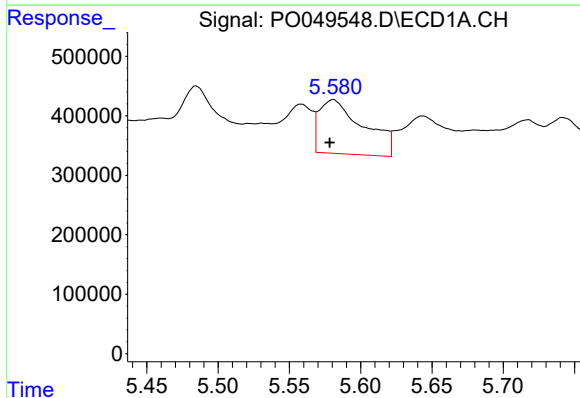
R.T.: 5.558 min
Delta R.T.: 0.003 min
Response: 1182712
Conc: 82.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



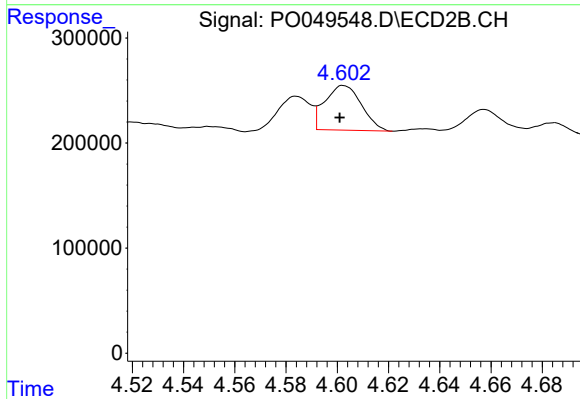
#3 AR-1016-1

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 246840
Conc: 18.40 ng/ml



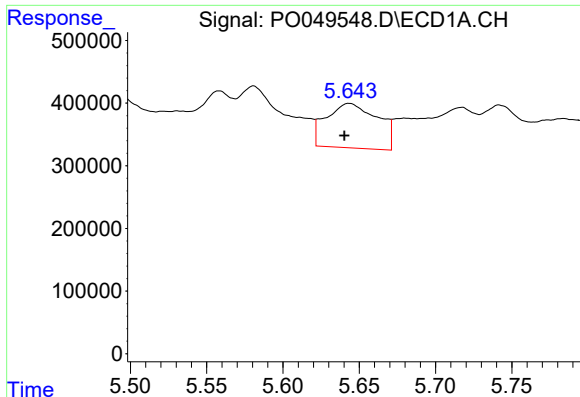
#4 AR-1016-2

R.T.: 5.581 min
Delta R.T.: 0.002 min
Response: 1958918
Conc: 97.75 ng/ml



#4 AR-1016-2

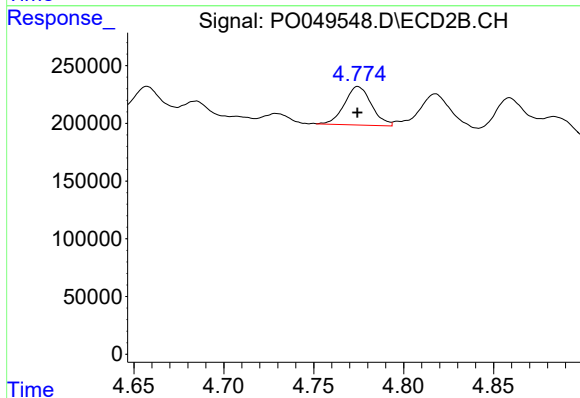
R.T.: 4.603 min
Delta R.T.: 0.002 min
Response: 421890
Conc: 23.26 ng/ml



#5 AR-1016-3

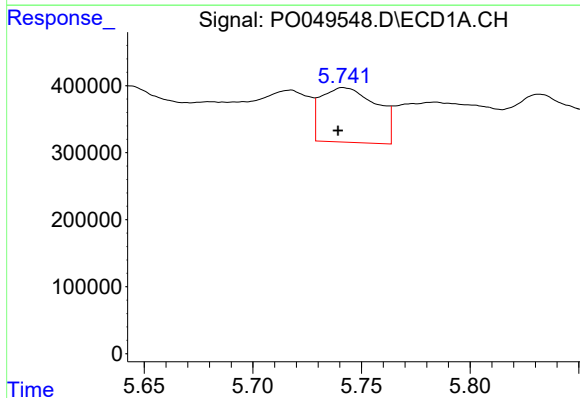
R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 1668550
Conc: 134.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



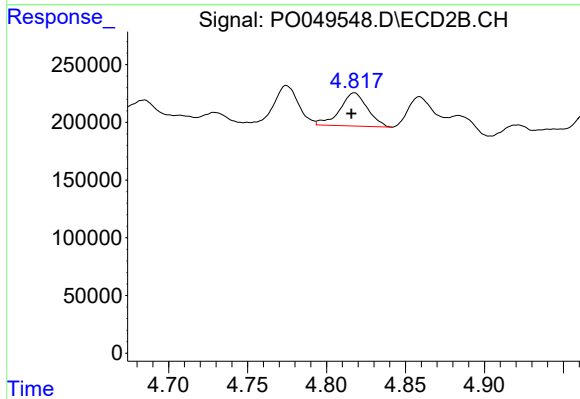
#5 AR-1016-3

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 347890
Conc: 32.21 ng/ml



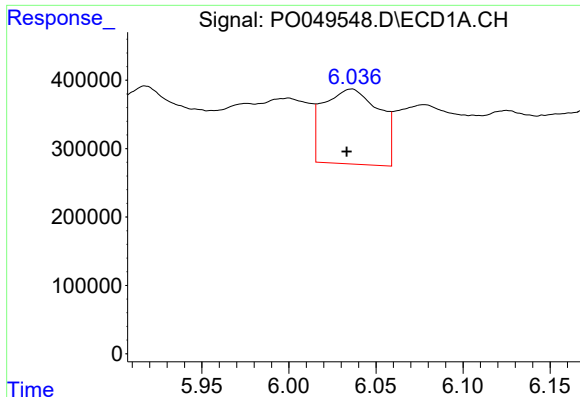
#6 AR-1016-4

R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 1449591
Conc: 143.00 ng/ml



#6 AR-1016-4

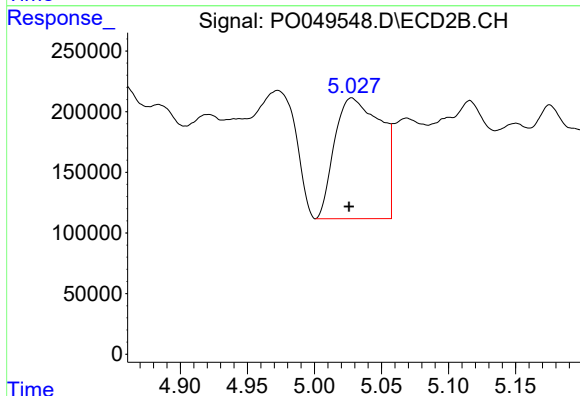
R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 348941
Conc: 44.15 ng/ml



#7 AR-1016-5

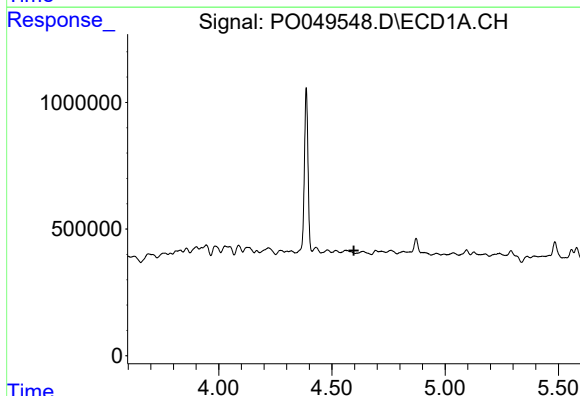
R.T.: 6.036 min
Delta R.T.: 0.003 min
Response: 2450810
Conc: 253.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



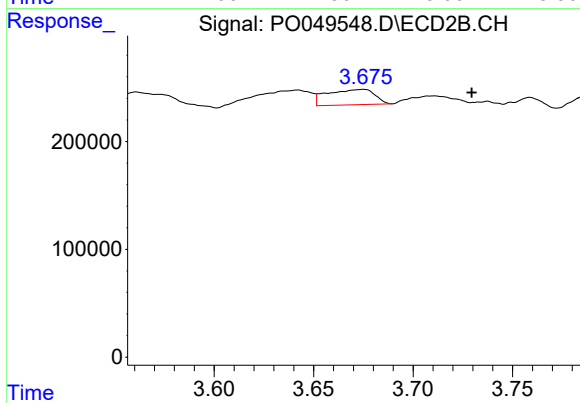
#7 AR-1016-5

R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 2398119
Conc: 221.87 ng/ml



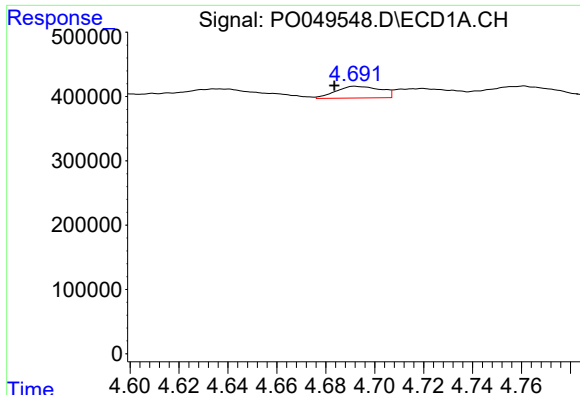
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.597 min
Response: 0
Conc: N.D.



#8 AR-1221-1

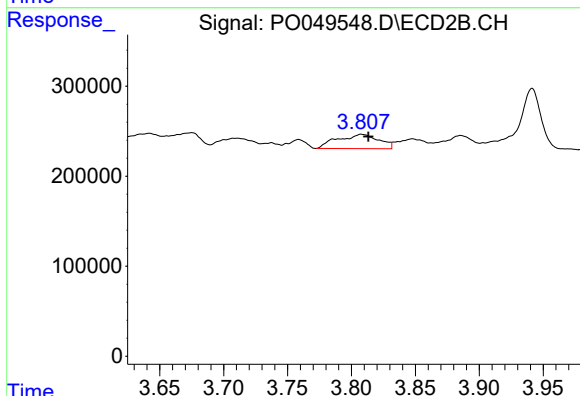
R.T.: 3.675 min
Delta R.T.: -0.055 min
Response: 236958
Conc: 66.04 ng/ml



#9 AR-1221-2

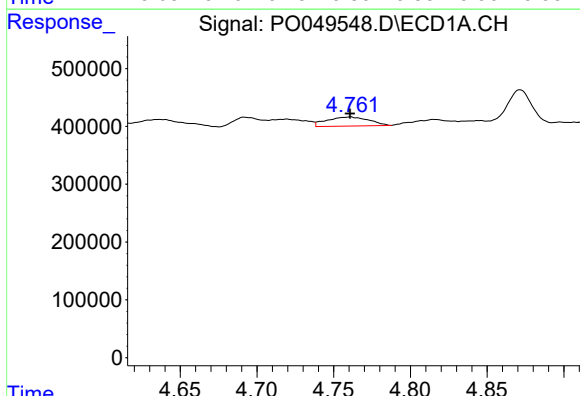
R.T.: 4.692 min
Delta R.T.: 0.009 min
Response: 232641
Conc: 82.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



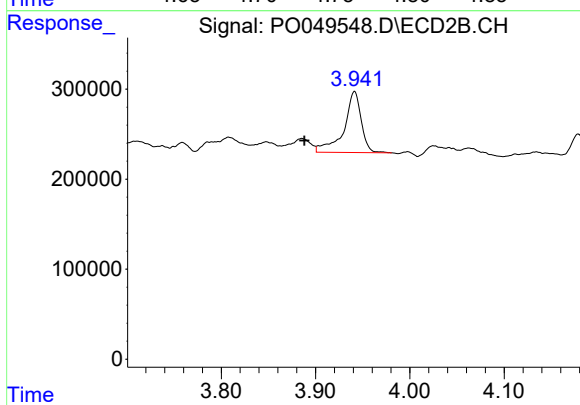
#9 AR-1221-2

R.T.: 3.808 min
Delta R.T.: -0.005 min
Response: 357629
Conc: 133.80 ng/ml



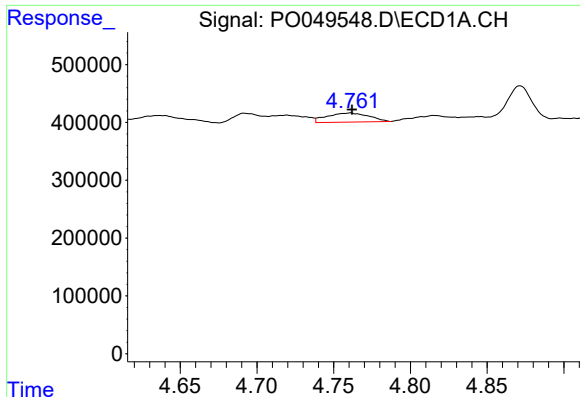
#10 AR-1221-3

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 301931
Conc: 32.89 ng/ml



#10 AR-1221-3

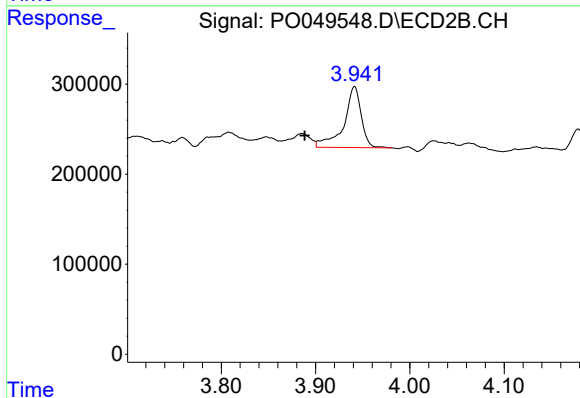
R.T.: 3.941 min
Delta R.T.: 0.053 min
Response: 870620
Conc: 105.59 ng/ml



#11 AR-1232-1

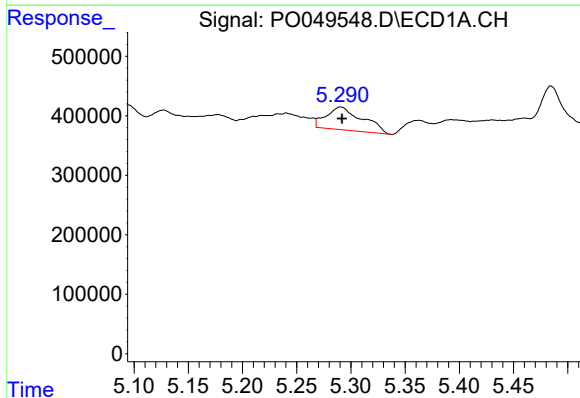
R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 301931
Conc: 45.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



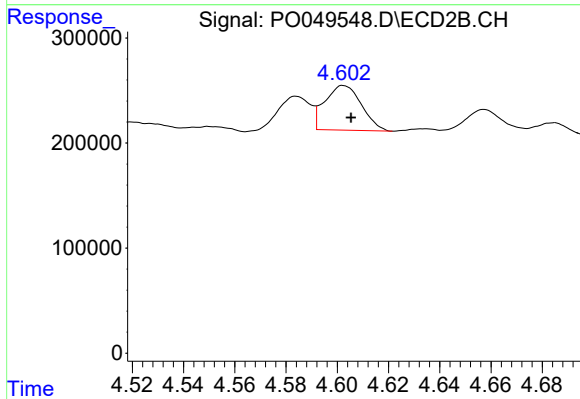
#11 AR-1232-1

R.T.: 3.941 min
Delta R.T.: 0.053 min
Response: 870620
Conc: 139.00 ng/ml



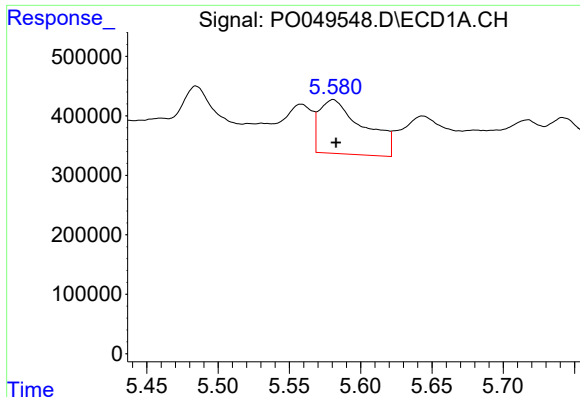
#12 AR-1232-2

R.T.: 5.291 min
Delta R.T.: -0.001 min
Response: 890898
Conc: 257.65 ng/ml



#12 AR-1232-2

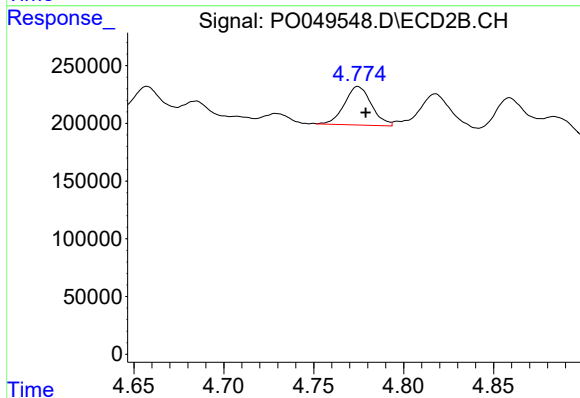
R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 421890
Conc: 57.35 ng/ml



#13 AR-1232-3

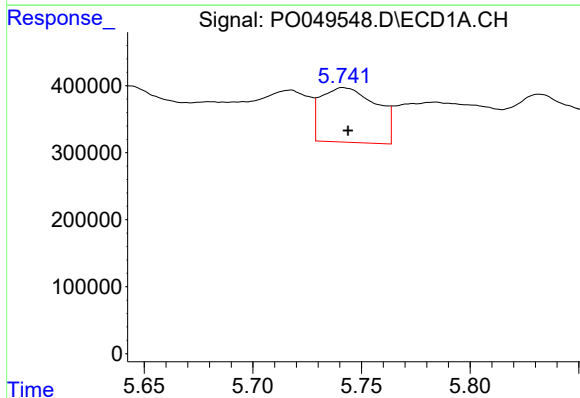
R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 1958918
Conc: 251.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



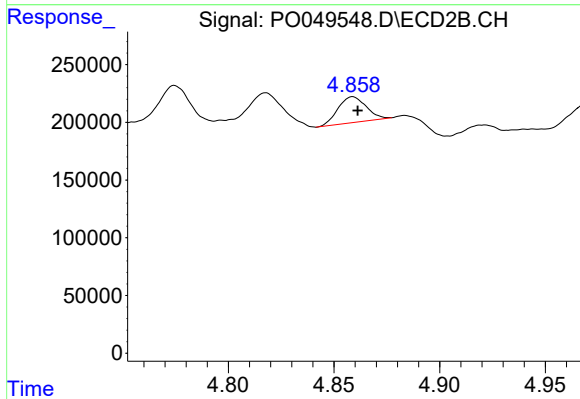
#13 AR-1232-3

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 347890
Conc: 84.09 ng/ml



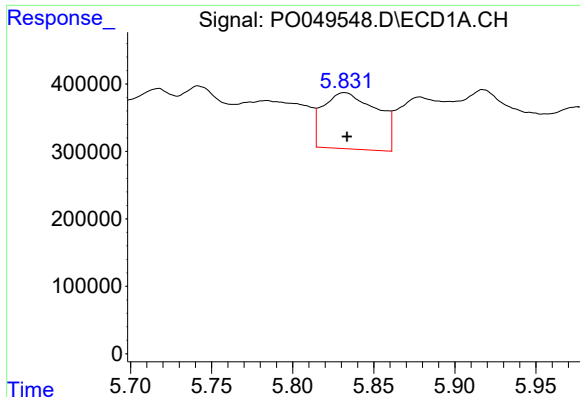
#14 AR-1232-4

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 1449591
Conc: 374.89 ng/ml



#14 AR-1232-4

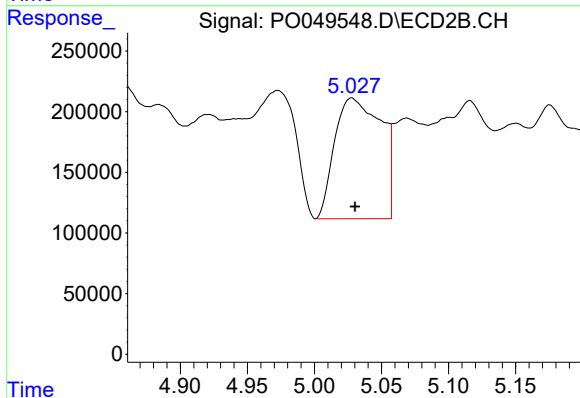
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 206797
Conc: 60.03 ng/ml



#15 AR-1232-5

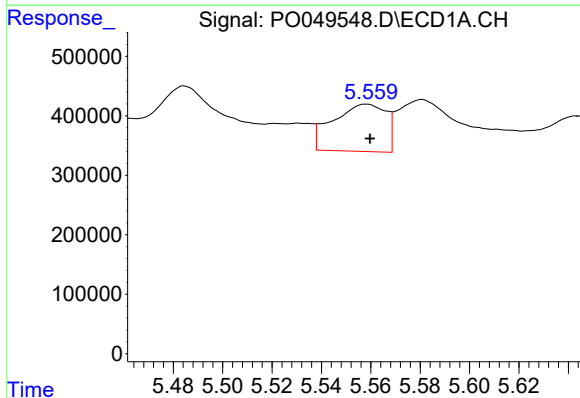
R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 1935094
Conc: 740.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



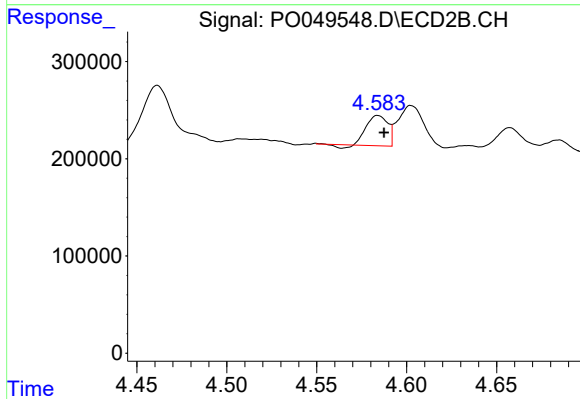
#15 AR-1232-5

R.T.: 5.028 min
Delta R.T.: -0.003 min
Response: 2398119
Conc: 599.29 ng/ml



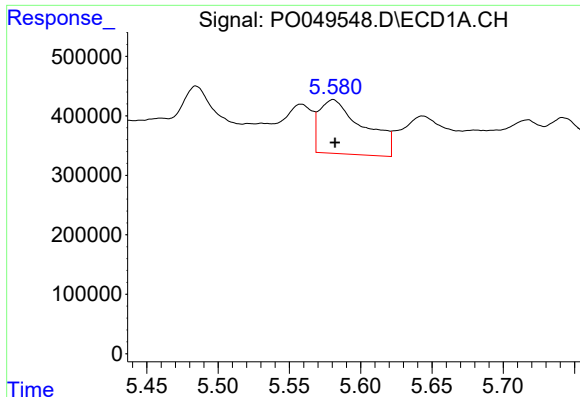
#16 AR-1242-1

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 1182712
Conc: 112.74 ng/ml



#16 AR-1242-1

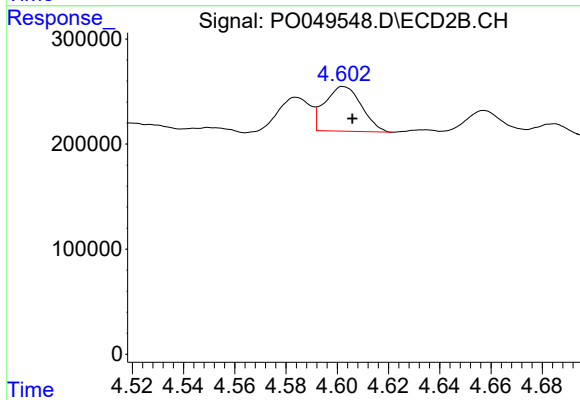
R.T.: 4.584 min
Delta R.T.: -0.003 min
Response: 246840
Conc: 24.14 ng/ml



#17 AR-1242-2

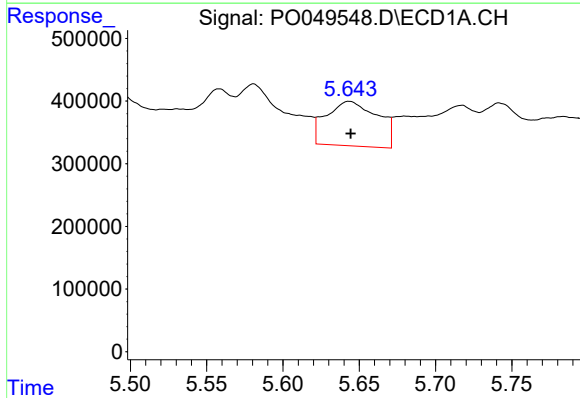
R.T.: 5.581 min
Delta R.T.: -0.001 min
Response: 1958918
Conc: 133.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



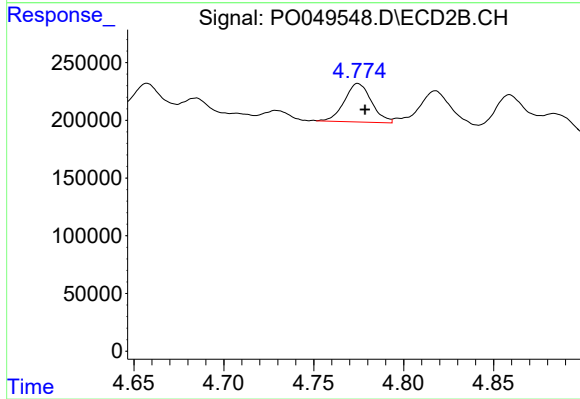
#17 AR-1242-2

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 421890
Conc: 30.17 ng/ml



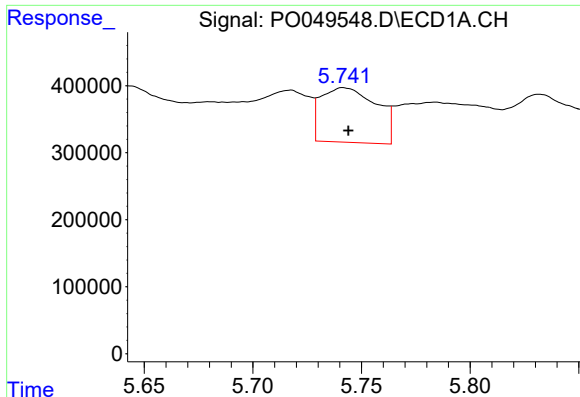
#18 AR-1242-3

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 1668550
Conc: 188.22 ng/ml



#18 AR-1242-3

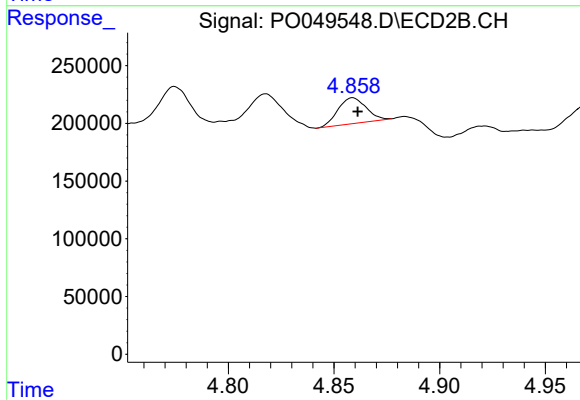
R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 347890
Conc: 43.98 ng/ml



#19 AR-1242-4

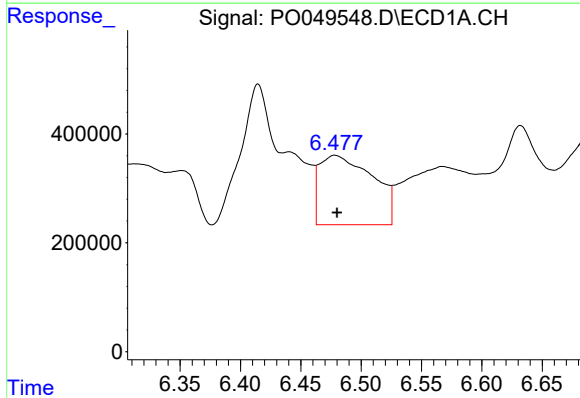
R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 1449591
Conc: 196.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



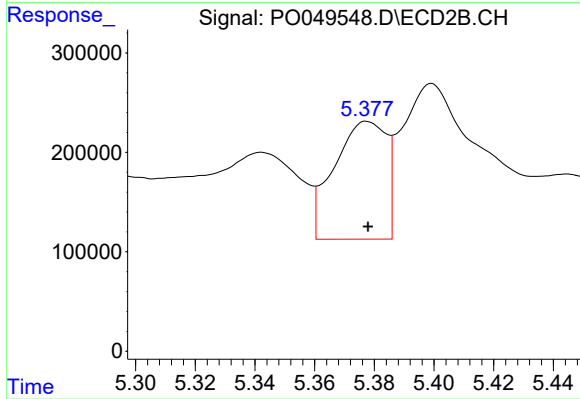
#19 AR-1242-4

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 206797
Conc: 28.26 ng/ml



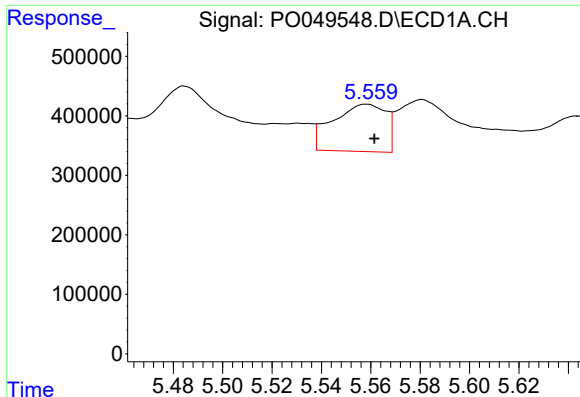
#20 AR-1242-5

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 3925183
Conc: 433.42 ng/ml



#20 AR-1242-5

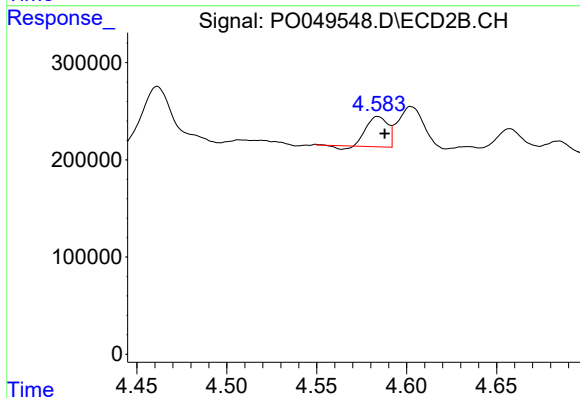
R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 1439613
Conc: 148.81 ng/ml



#21 AR-1248-1

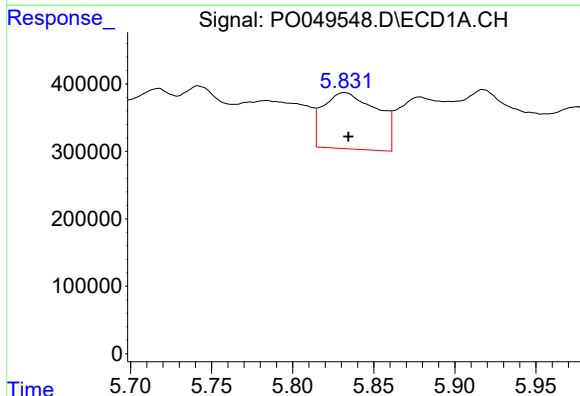
R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 1182712
Conc: 138.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



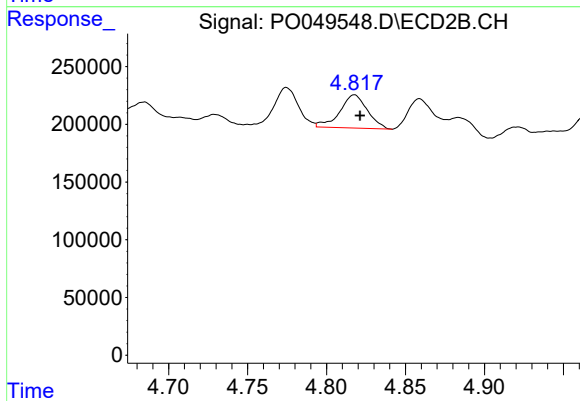
#21 AR-1248-1

R.T.: 4.584 min
Delta R.T.: -0.004 min
Response: 246840
Conc: 29.86 ng/ml



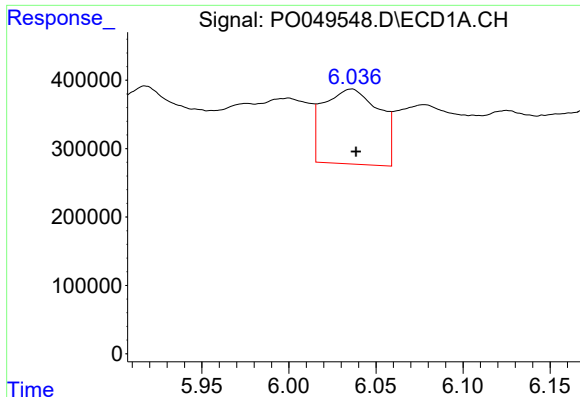
#22 AR-1248-2

R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 1935094
Conc: 177.10 ng/ml



#22 AR-1248-2

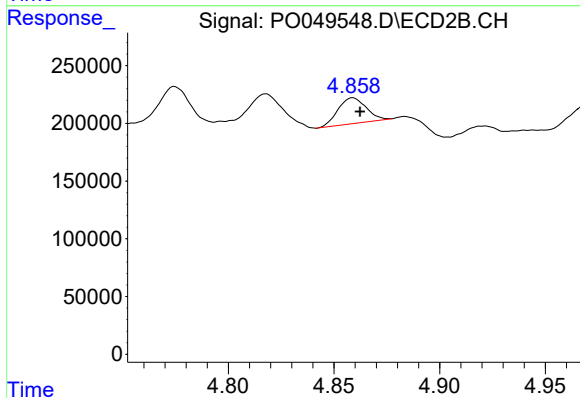
R.T.: 4.818 min
Delta R.T.: -0.004 min
Response: 348941
Conc: 33.48 ng/ml



#23 AR-1248-3

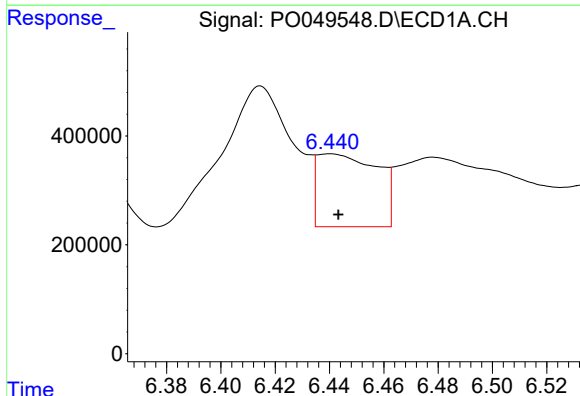
R.T.: 6.036 min
Delta R.T.: -0.003 min
Response: 2450810
Conc: 191.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



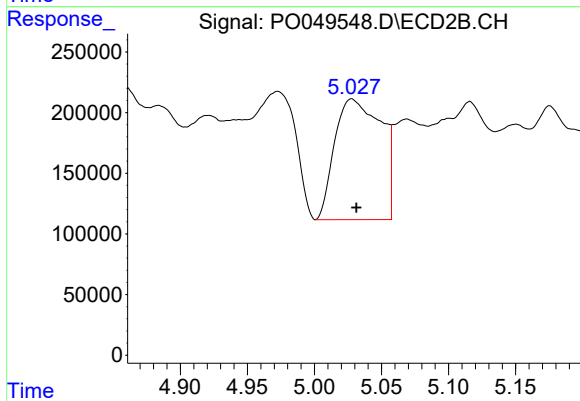
#23 AR-1248-3

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 206797
Conc: 19.23 ng/ml



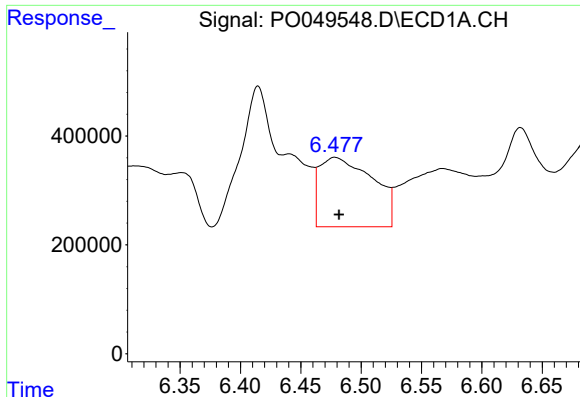
#24 AR-1248-4

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 2054964
Conc: 126.46 ng/ml



#24 AR-1248-4

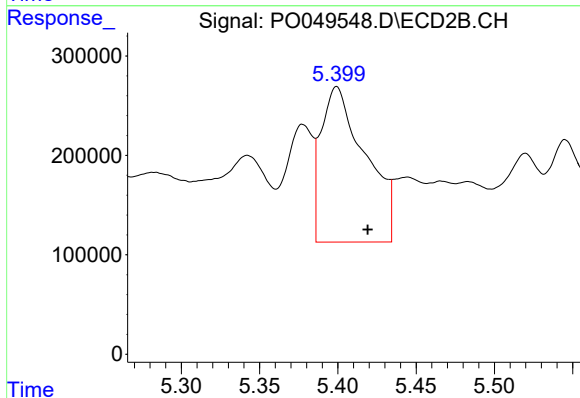
R.T.: 5.028 min
Delta R.T.: -0.003 min
Response: 2398119
Conc: 178.27 ng/ml



#25 AR-1248-5

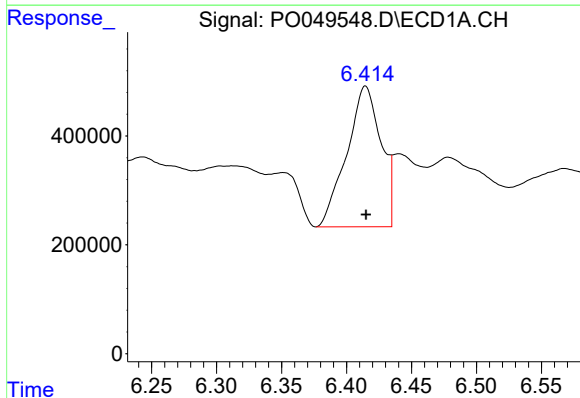
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 3925183
Conc: 254.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



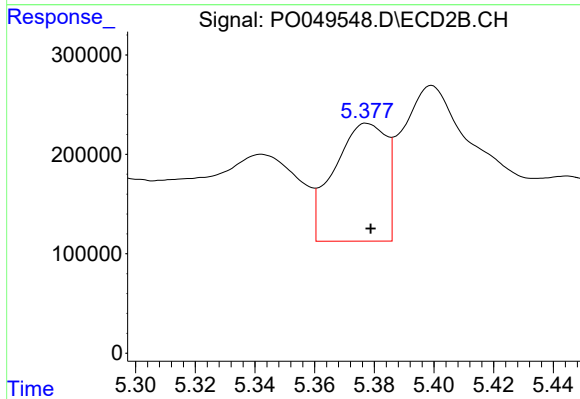
#25 AR-1248-5

R.T.: 5.399 min
Delta R.T.: -0.020 min
Response: 3069881
Conc: 218.73 ng/ml



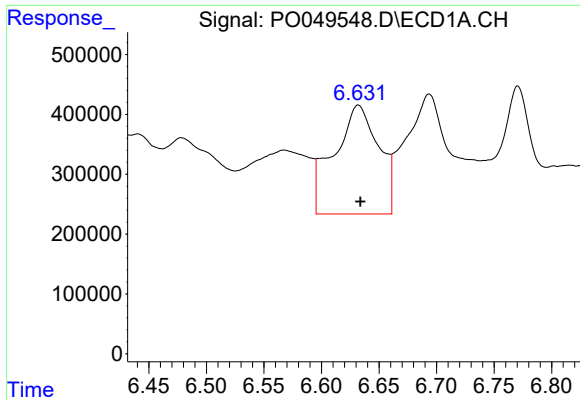
#26 AR-1254-1

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 4744979
Conc: 268.48 ng/ml



#26 AR-1254-1

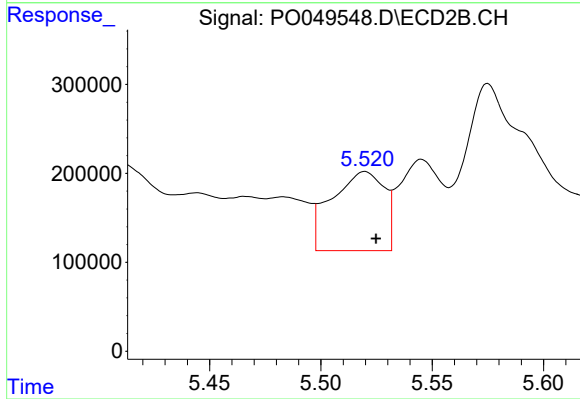
R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 1439613
Conc: 62.17 ng/ml



#27 AR-1254-2

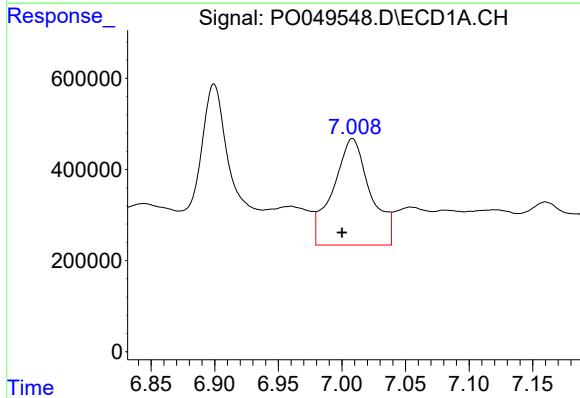
R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 4921172
Conc: 177.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



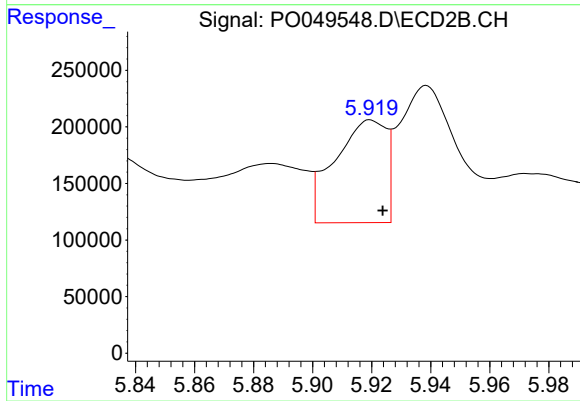
#27 AR-1254-2

R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 1462529
Conc: 74.04 ng/ml



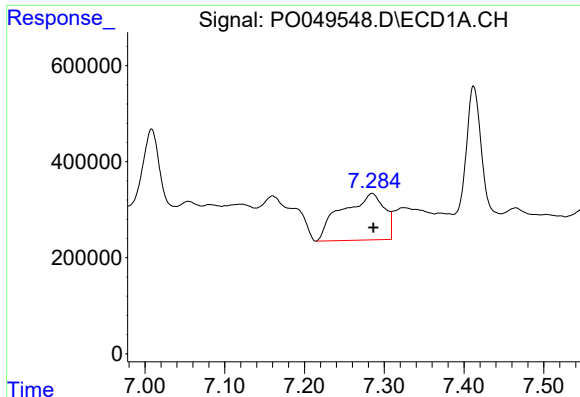
#28 AR-1254-3

R.T.: 7.008 min
Delta R.T.: 0.008 min
Response: 4779671
Conc: 154.96 ng/ml



#28 AR-1254-3

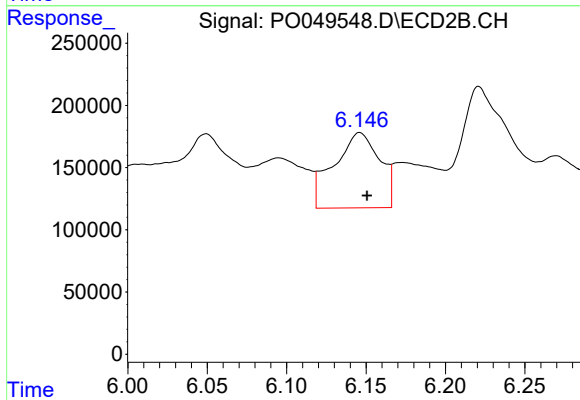
R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 1094288
Conc: 33.40 ng/ml



#29 AR-1254-4

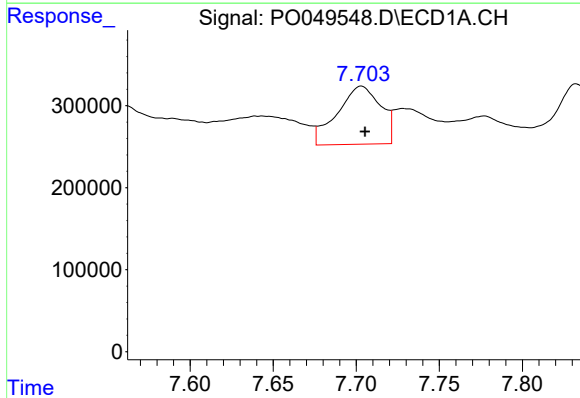
R.T.: 7.285 min
Delta R.T.: -0.002 min
Response: 3572425
Conc: 141.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



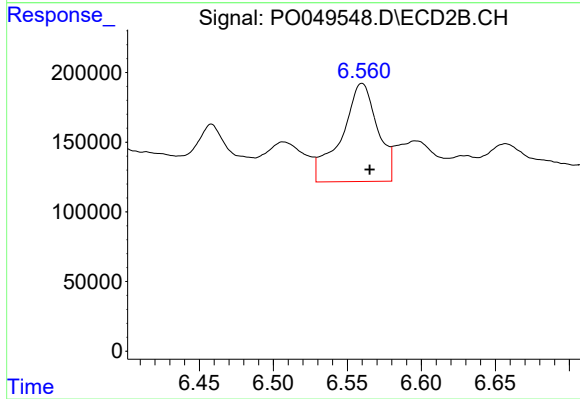
#29 AR-1254-4

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 1214664
Conc: 53.34 ng/ml



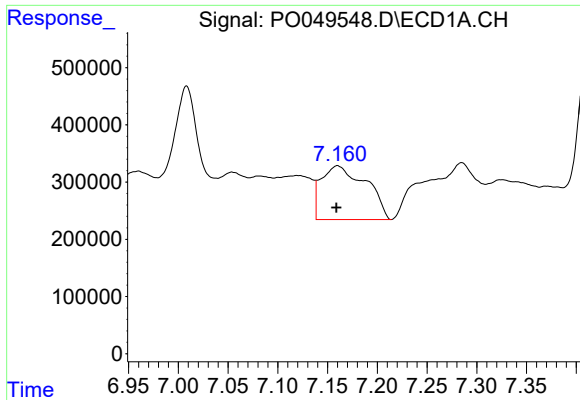
#30 AR-1254-5

R.T.: 7.703 min
Delta R.T.: -0.002 min
Response: 1288045
Conc: 52.65 ng/ml



#30 AR-1254-5

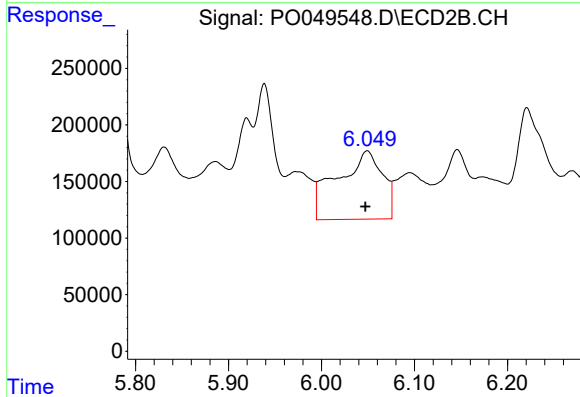
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 1192817
Conc: 39.74 ng/ml



#31 AR-1260-1

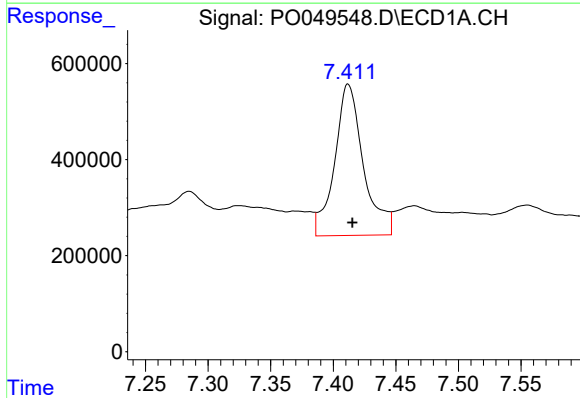
R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 2938125
Conc: 138.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



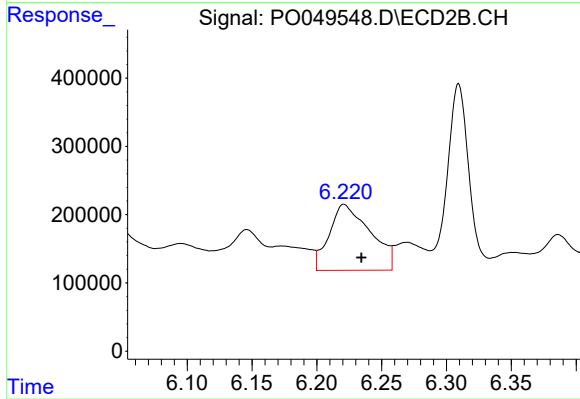
#31 AR-1260-1

R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 2044534
Conc: 99.60 ng/ml



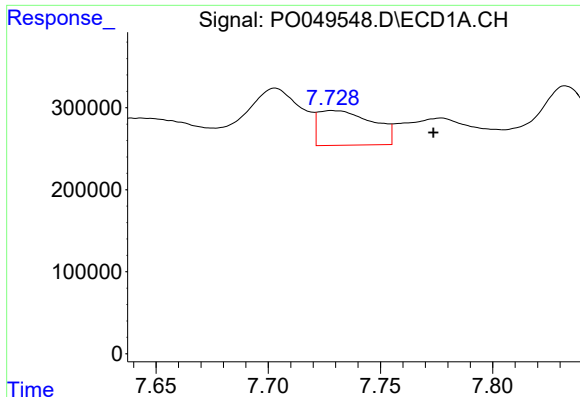
#32 AR-1260-2

R.T.: 7.412 min
Delta R.T.: -0.003 min
Response: 5031315
Conc: 186.99 ng/ml



#32 AR-1260-2

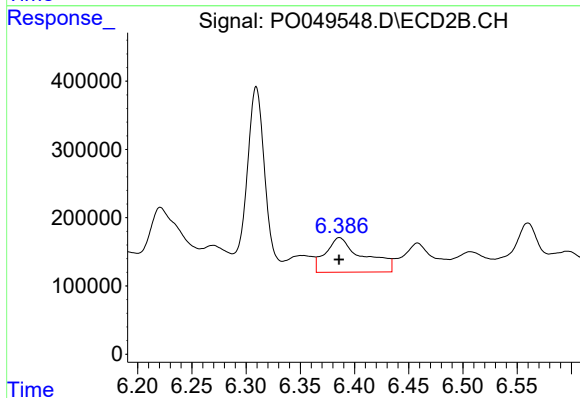
R.T.: 6.221 min
Delta R.T.: -0.014 min
Response: 2131751
Conc: 80.07 ng/ml



#33 AR-1260-3

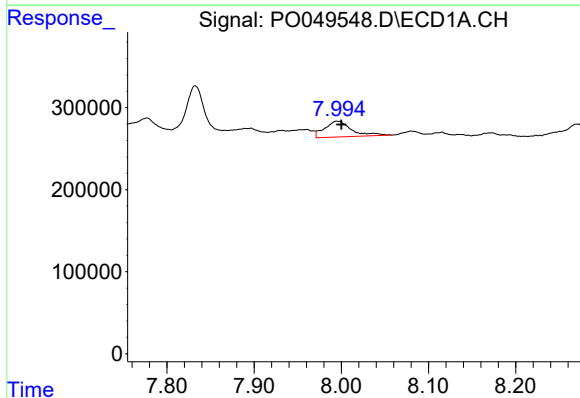
R.T.: 7.729 min
Delta R.T.: -0.045 min
Response: 714900
Conc: 36.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



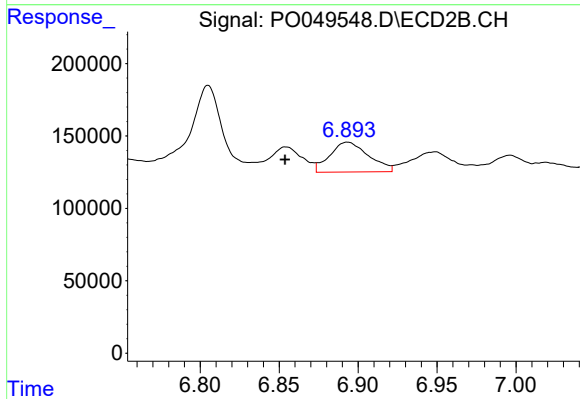
#33 AR-1260-3

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 1228536
Conc: 51.83 ng/ml



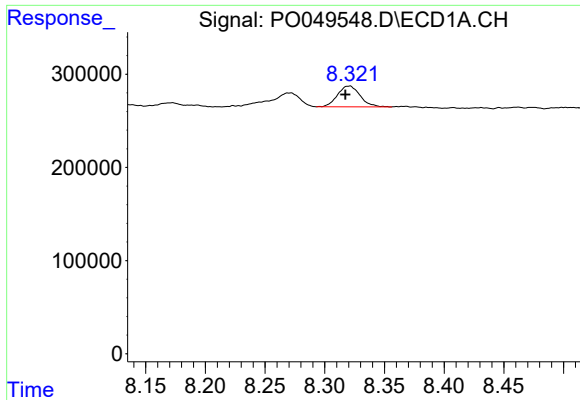
#34 AR-1260-4

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 413228
Conc: 21.01 ng/ml



#34 AR-1260-4

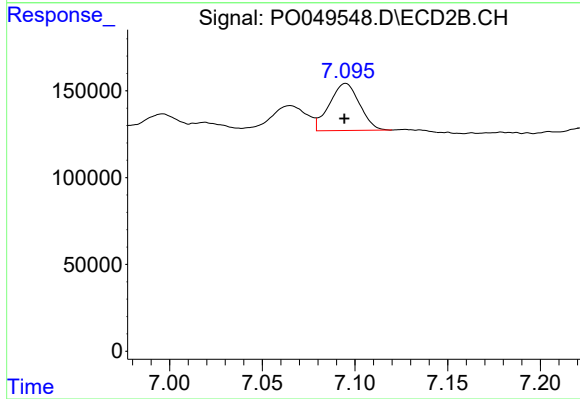
R.T.: 6.893 min
Delta R.T.: 0.040 min
Response: 352275
Conc: 19.53 ng/ml



#35 AR-1260-5

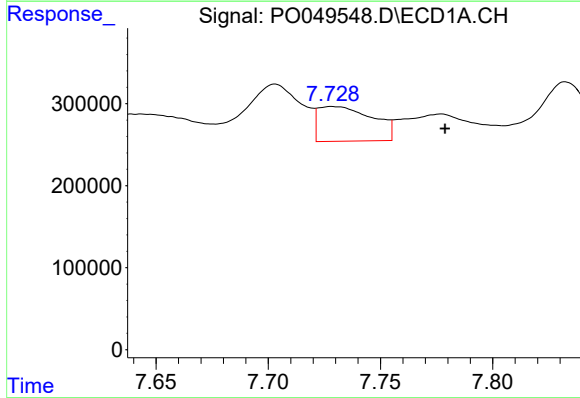
R.T.: 8.320 min
Delta R.T.: 0.003 min
Response: 292300
Conc: 6.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



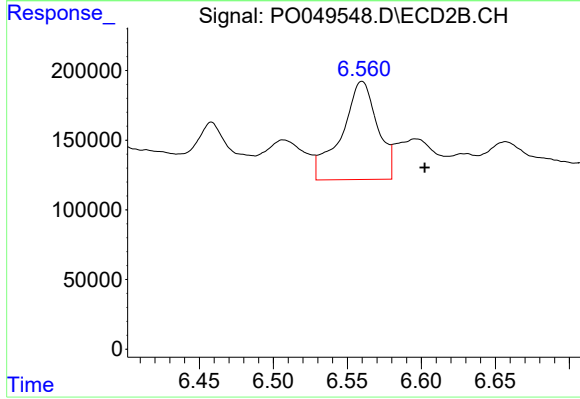
#35 AR-1260-5

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 307153
Conc: 6.57 ng/ml



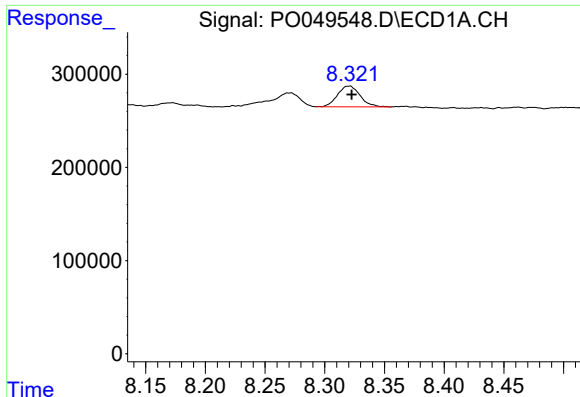
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: -0.050 min
Response: 714900
Conc: 24.81 ng/ml



#36 AR-1262-1

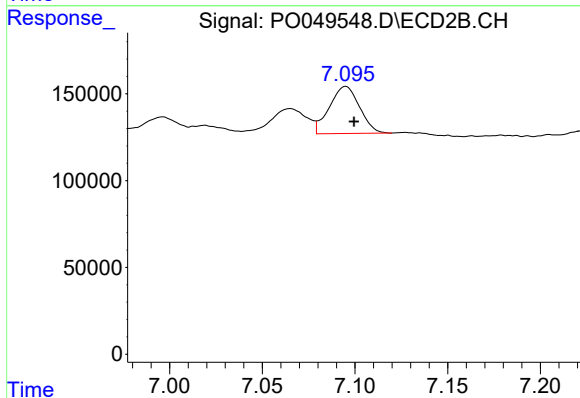
R.T.: 6.560 min
Delta R.T.: -0.042 min
Response: 1192817
Conc: 41.30 ng/ml



#37 AR-1262-2

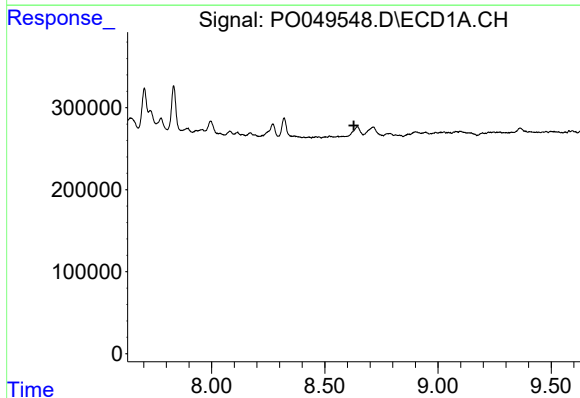
R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 292300
Conc: 5.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



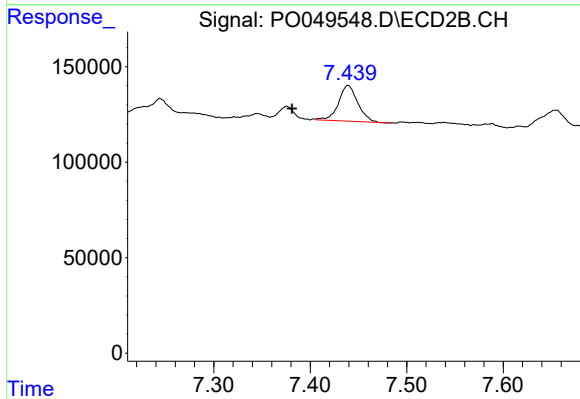
#37 AR-1262-2

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 307153
Conc: 6.16 ng/ml



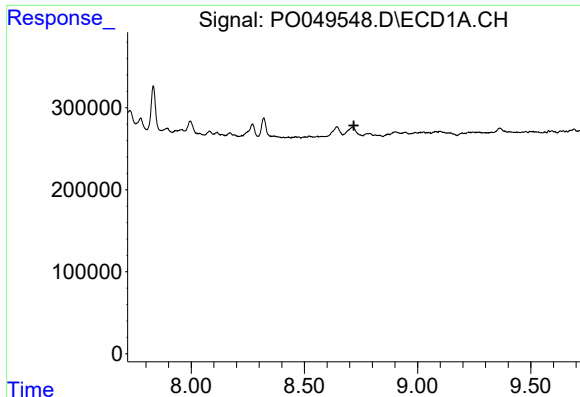
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.628 min
Response: 0
Conc: N.D.



#38 AR-1262-3

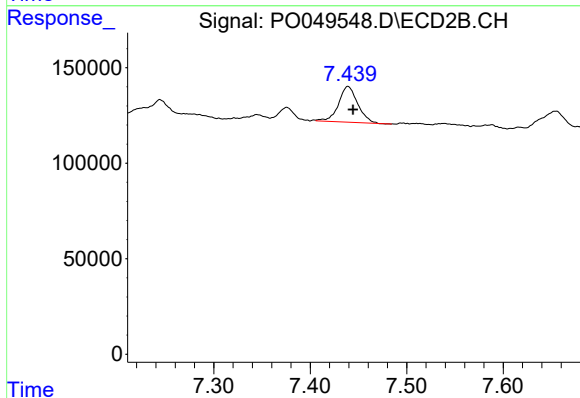
R.T.: 7.439 min
Delta R.T.: 0.058 min
Response: 258419
Conc: 13.06 ng/ml



#39 AR-1262-4

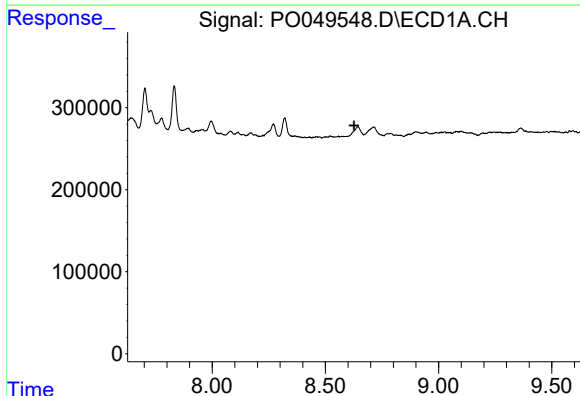
R.T.: 0.000 min
Exp R.T. : 8.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



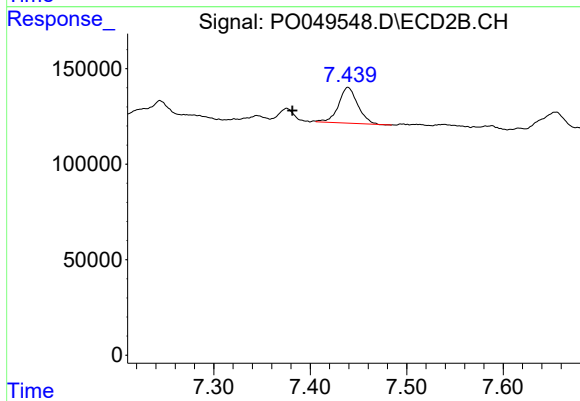
#39 AR-1262-4

R.T.: 7.439 min
Delta R.T.: -0.005 min
Response: 258419
Conc: 7.33 ng/ml



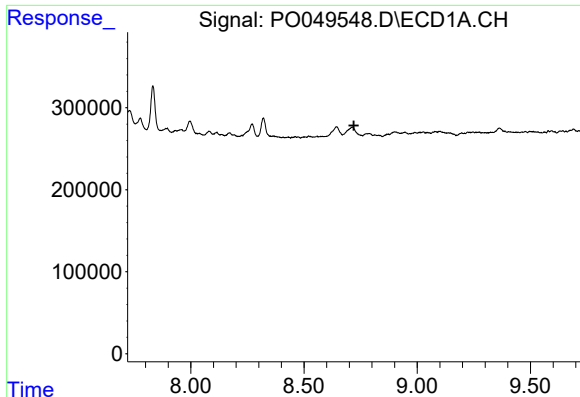
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.626 min
Response: 0
Conc: N.D.



#41 AR-1268-1

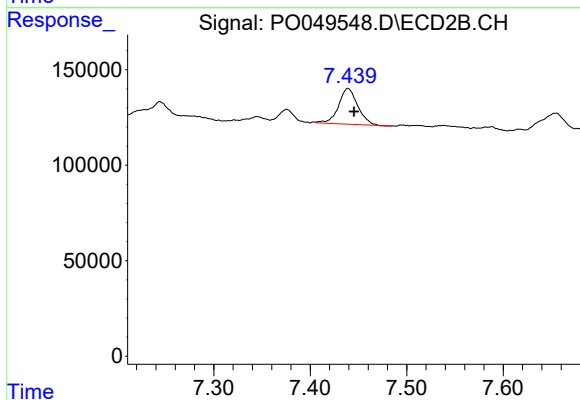
R.T.: 7.439 min
Delta R.T.: 0.058 min
Response: 258419
Conc: 4.07 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 7.439 min
Delta R.T.: -0.006 min
Response: 258419
Conc: 4.48 ng/ml