

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010220\
 Data File : P0065221.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Jan 2020 12:30
 Operator : AJ/MA
 Sample : K6478-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 02 13:07:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0123119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 31 07:42:34 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.177	3.450	786885	766557	37.308	30.343
2)	SA Decachlor...	9.691	8.363	666836	832323	21.851	21.628
Target Compounds							
3)	L1 AR-1016-1	5.279	4.541	62997	23198	58.678	18.083 #
4)	L1 AR-1016-2	5.384	4.541	38868	23198	24.974	12.842 #
5)	L1 AR-1016-3	5.422	4.705	54836	20789	57.330	20.640 #
6)	L1 AR-1016-4	5.507	4.782	90554	122339	114.715	138.746
7)	L1 AR-1016-5	5.822	4.962	96976	31685	117.672	28.768 #
8)	L2 AR-1221-1	0.000	3.673	0	22545	N.D.	78.793 #
9)	L2 AR-1221-2	0.000	3.746	0	79560	N.D.	355.292 #
10)	L2 AR-1221-3	4.559	3.819	113845	84906	191.875	119.192 #
11)	L3 AR-1232-1	4.559	3.819	113845	84906	121.664	76.150 #
12)	L3 AR-1232-2	5.089	4.541	141767	23198	280.101	17.447 #
13)	L3 AR-1232-3	5.384	4.705	38868	20789	33.952	29.069
14)	L3 AR-1232-4	5.507	4.782	90554	122339	157.949	180.993
15)	L3 AR-1232-5	5.592	4.962	115915	31685	265.233	42.976 #
16)	L4 AR-1242-1	5.384	4.541	38868	23198	49.156	24.525 #
17)	L4 AR-1242-2	5.384	4.541	38868	23198	33.686	17.542 #
18)	L4 AR-1242-3	5.422	4.705	54836	20789	76.281	28.377 #
19)	L4 AR-1242-4	5.507	4.782	90554	122339	153.568	158.014
20)	L4 AR-1242-5	6.243	5.301	27202	89488	36.196	83.660 #
21)	L5 AR-1248-1	5.279	4.541	62997	23198	101.742	30.793 #
22)	L5 AR-1248-2	5.592	4.782	115915	122339	128.322	112.741
23)	L5 AR-1248-3	5.822	4.782	96976	122339	94.093	109.688
24)	L5 AR-1248-4	6.200	4.962	58123	31685	44.885	23.388 #
25)	L5 AR-1248-5	6.243	5.341	27202	57062	21.795	39.670 #
26)	L6 AR-1254-1	6.170	5.301	59871	89488	46.015	38.274
27)	L6 AR-1254-2	6.388	5.448	134375	106747	63.424	50.075
28)	L6 AR-1254-3	6.750	5.846	157957	252779	65.937	70.157
29)	L6 AR-1254-4	7.035	6.074	187463	154329	100.692	66.364 #
30)	L6 AR-1254-5	7.449	6.487	156089	191387	76.933	56.743 #
31)	L7 AR-1260-1	6.914	5.974	95735	127973	57.286	53.921
32)	L7 AR-1260-2	7.169	6.162	131187	127162	63.853	41.680 #
33)	L7 AR-1260-3	7.480	6.312	36748	84500	23.027	31.460 #
34)	L7 AR-1260-4	7.736	6.780	53692	20957	28.890	9.044 #
35)	L7 AR-1260-5	0.000	7.022	0	16697	N.D.	3.087 #
36)	L8 AR-1262-1	7.480	6.555	36748	24436	14.685	16.436
37)	L8 AR-1262-2	7.987	7.022	19994	16697	4.531	2.501 #
38)	L8 AR-1262-3	0.000	7.365	0	27782	N.D.	10.762 #
39)	L8 AR-1262-4	8.418	7.365	95623	27782	42.691	5.754 #
41)	L9 AR-1268-1	0.000	7.365	0	27782	N.D.	3.922 #
42)	L9 AR-1268-2	8.418	7.365	95623	27782	21.754	4.316 #

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Operator : AJ/MA
Sample : K6478-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

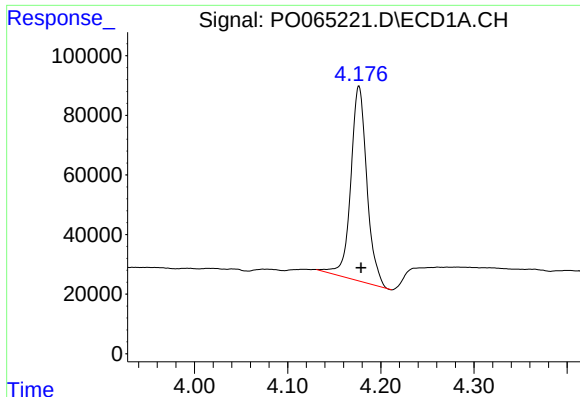
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 02 13:07:53 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0123119.M
Quant Title : GC EXTRACTABLES
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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

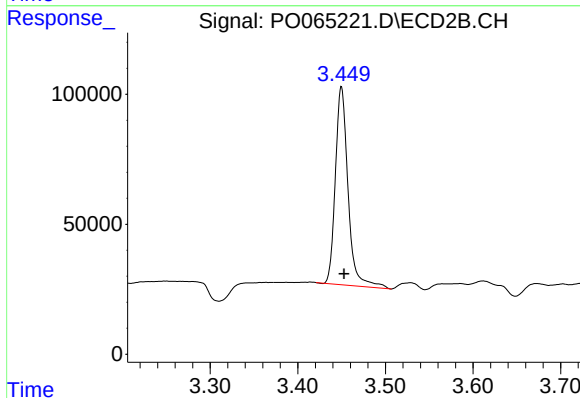
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

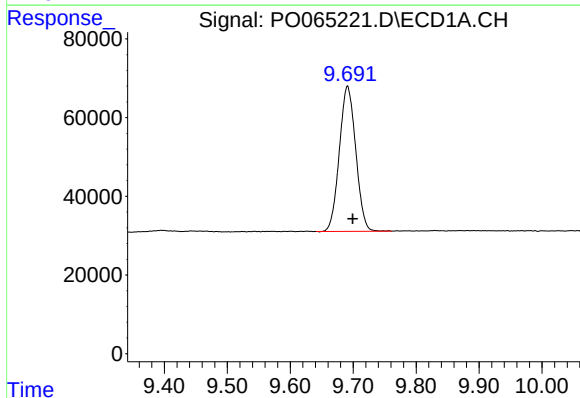
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 786885
Conc: 37.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



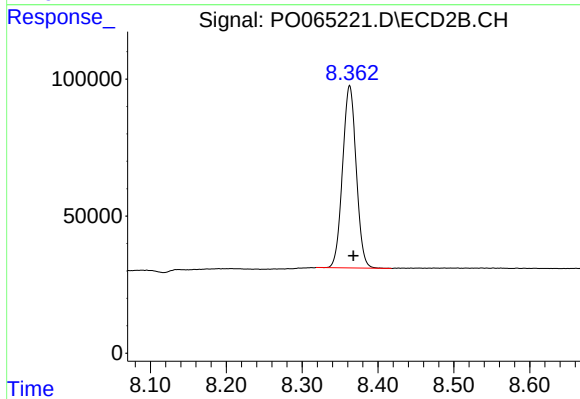
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: -0.003 min
Response: 766557
Conc: 30.34 ng/ml



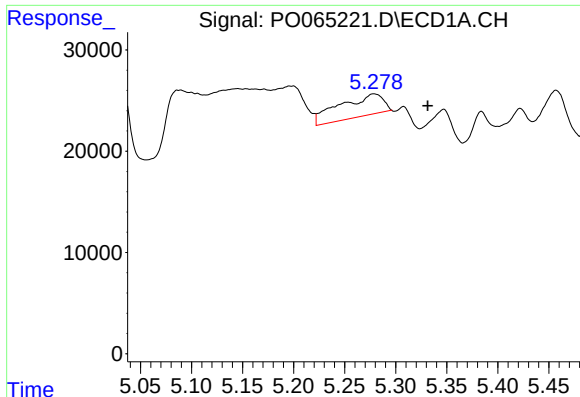
#2 Decachlorobiphenyl

R.T.: 9.691 min
Delta R.T.: -0.008 min
Response: 666836
Conc: 21.85 ng/ml



#2 Decachlorobiphenyl

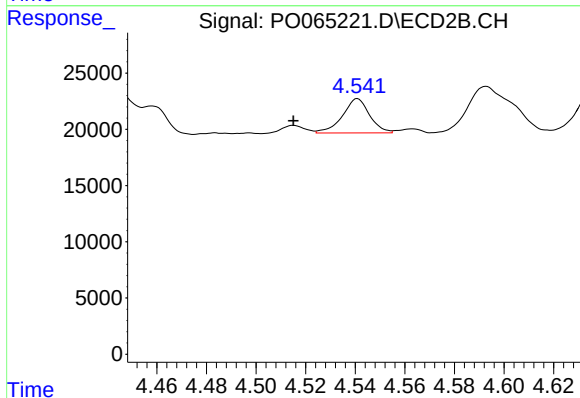
R.T.: 8.363 min
Delta R.T.: -0.005 min
Response: 832323
Conc: 21.63 ng/ml



#3 AR-1016-1

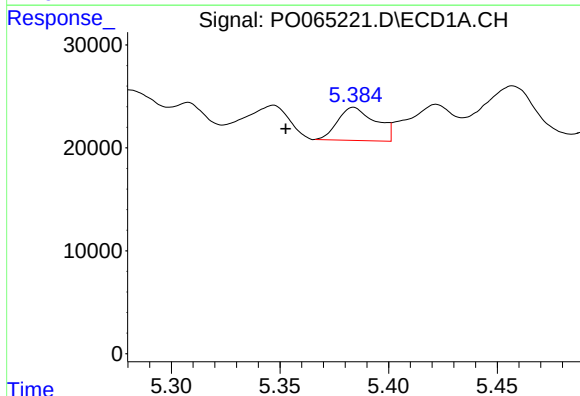
R.T.: 5.279 min
Delta R.T.: -0.052 min
Response: 62997
Conc: 58.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



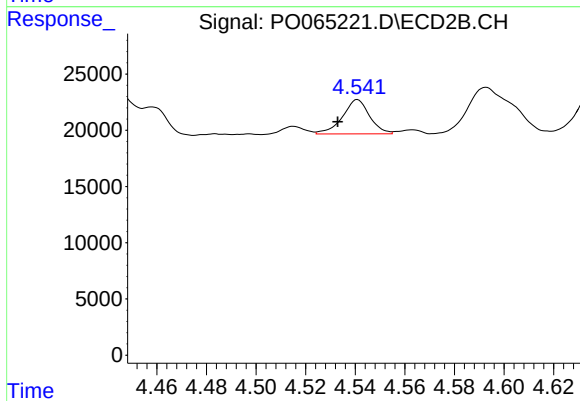
#3 AR-1016-1

R.T.: 4.541 min
Delta R.T.: 0.026 min
Response: 23198
Conc: 18.08 ng/ml



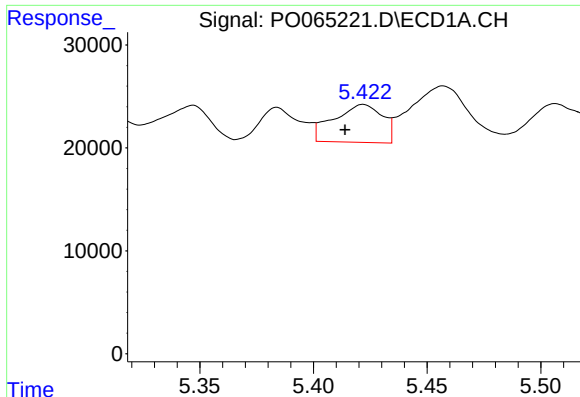
#4 AR-1016-2

R.T.: 5.384 min
Delta R.T.: 0.031 min
Response: 38868
Conc: 24.97 ng/ml



#4 AR-1016-2

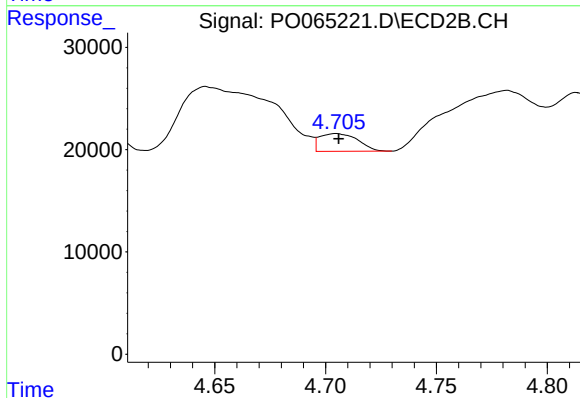
R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 23198
Conc: 12.84 ng/ml



#5 AR-1016-3

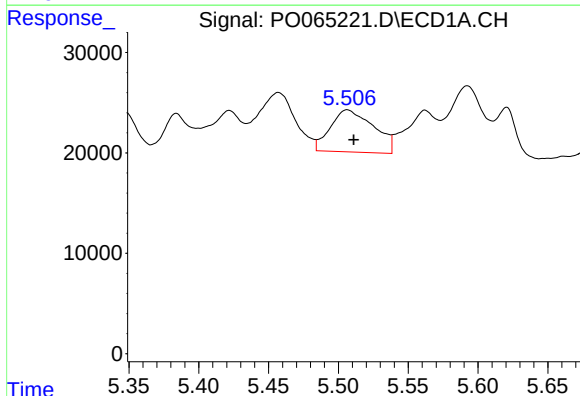
R.T.: 5.422 min
Delta R.T.: 0.008 min
Response: 54836
Conc: 57.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



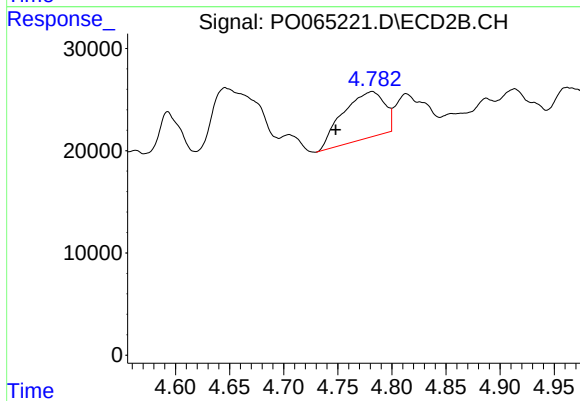
#5 AR-1016-3

R.T.: 4.705 min
Delta R.T.: -0.001 min
Response: 20789
Conc: 20.64 ng/ml



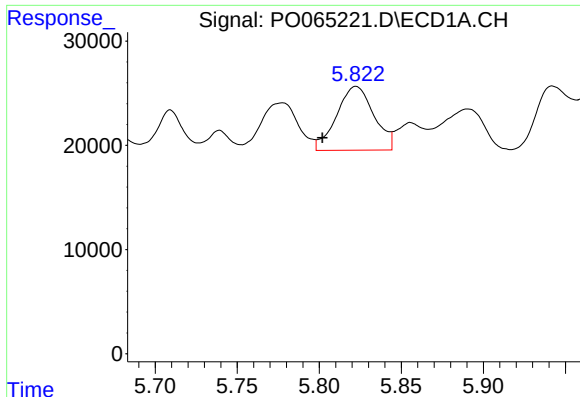
#6 AR-1016-4

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 90554
Conc: 114.72 ng/ml



#6 AR-1016-4

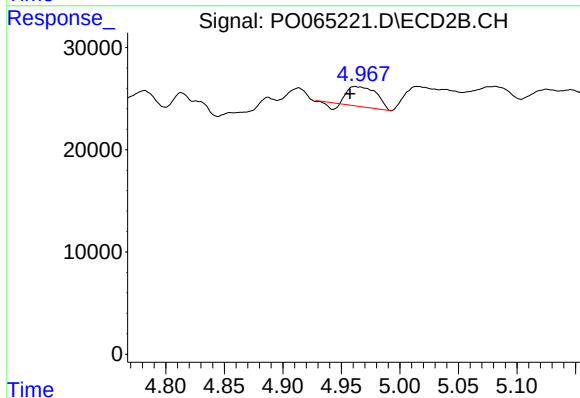
R.T.: 4.782 min
Delta R.T.: 0.034 min
Response: 122339
Conc: 138.75 ng/ml



#7 AR-1016-5

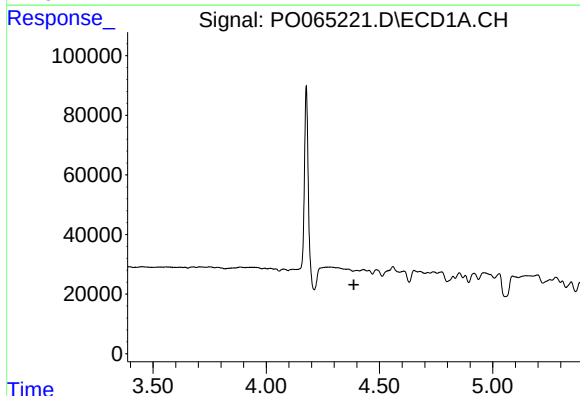
R.T.: 5.822 min
Delta R.T.: 0.021 min
Response: 96976
Conc: 117.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



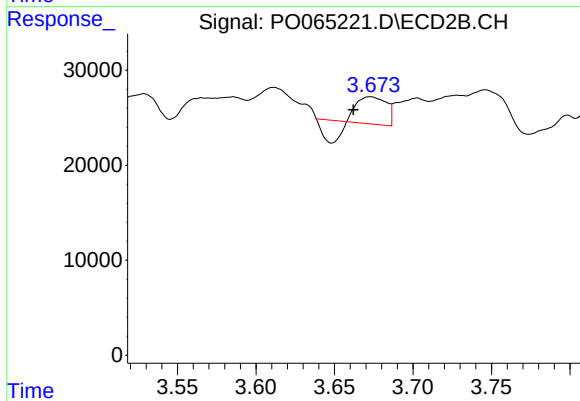
#7 AR-1016-5

R.T.: 4.962 min
Delta R.T.: 0.004 min
Response: 31685
Conc: 28.77 ng/ml



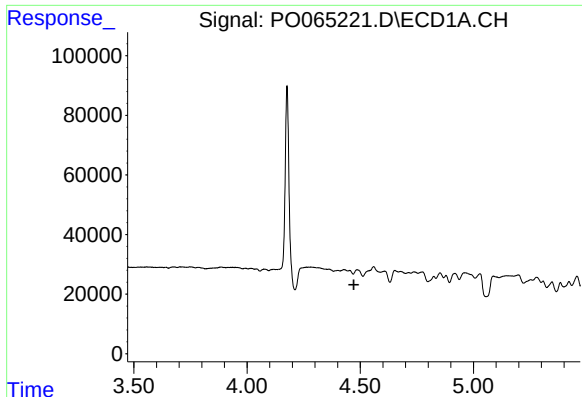
#8 AR-1221-1

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



#8 AR-1221-1

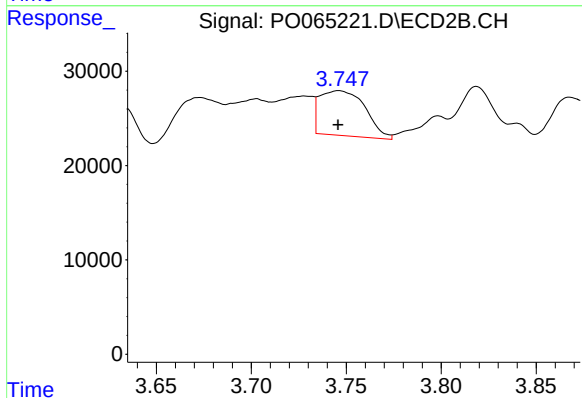
R.T.: 3.673 min
Delta R.T.: 0.011 min
Response: 22545
Conc: 78.79 ng/ml



#9 AR-1221-2

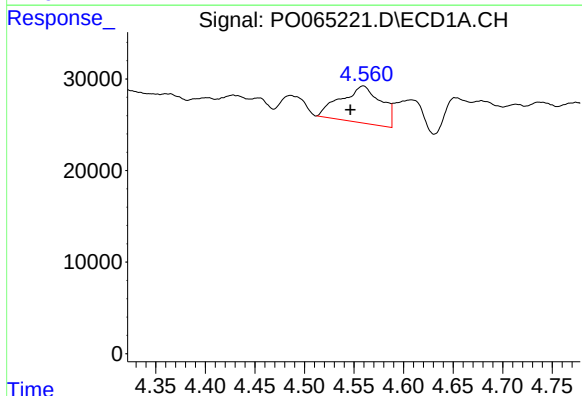
R.T.: 0.000 min
Exp R.T.: 4.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



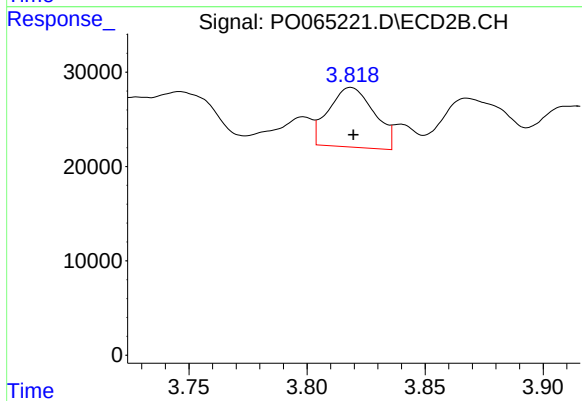
#9 AR-1221-2

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 79560
Conc: 355.29 ng/ml



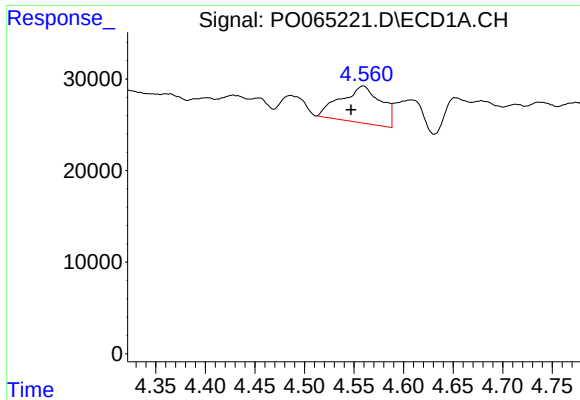
#10 AR-1221-3

R.T.: 4.559 min
Delta R.T.: 0.013 min
Response: 113845
Conc: 191.87 ng/ml



#10 AR-1221-3

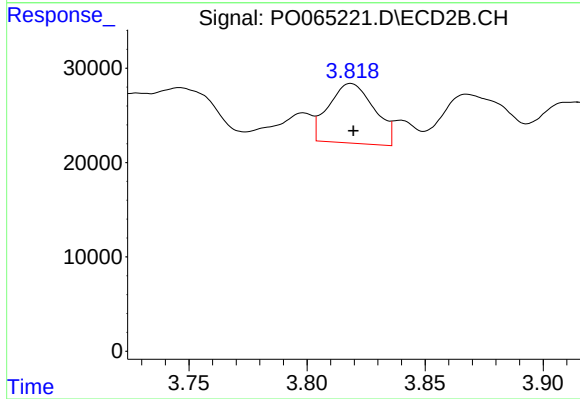
R.T.: 3.819 min
Delta R.T.: -0.001 min
Response: 84906
Conc: 119.19 ng/ml



#11 AR-1232-1

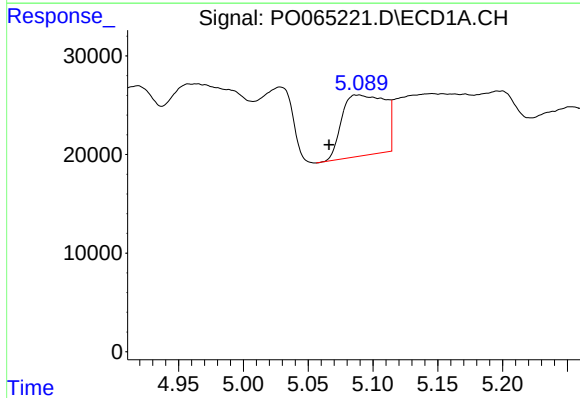
R.T.: 4.559 min
Delta R.T.: 0.012 min
Response: 113845
Conc: 121.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



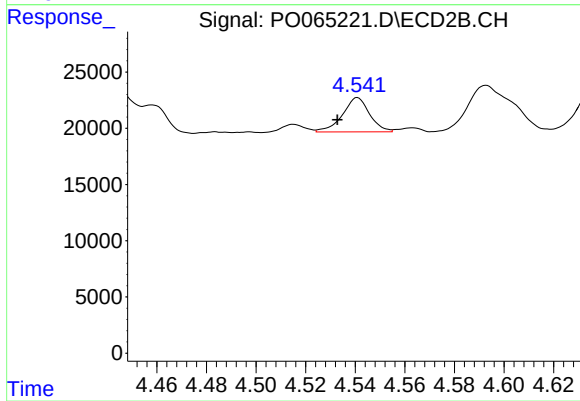
#11 AR-1232-1

R.T.: 3.819 min
Delta R.T.: -0.001 min
Response: 84906
Conc: 76.15 ng/ml



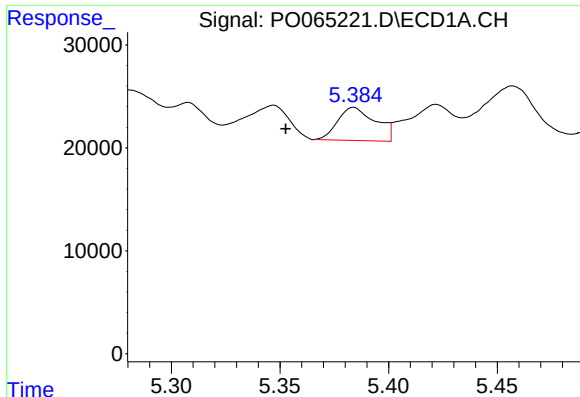
#12 AR-1232-2

R.T.: 5.089 min
Delta R.T.: 0.023 min
Response: 141767
Conc: 280.10 ng/ml



#12 AR-1232-2

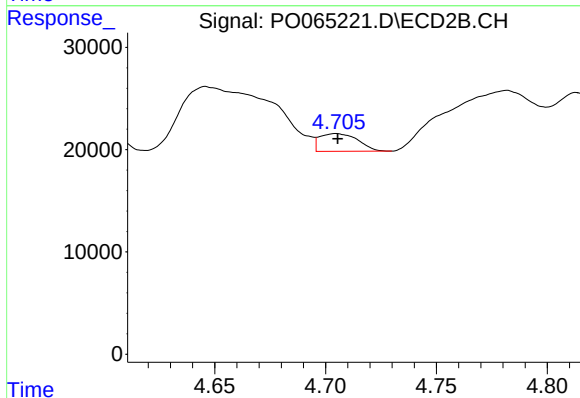
R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 23198
Conc: 17.45 ng/ml



#13 AR-1232-3

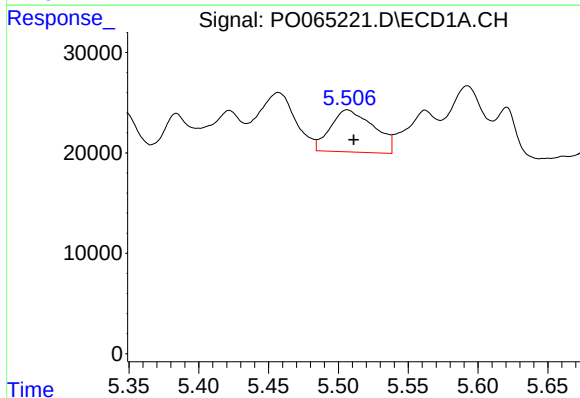
R.T.: 5.384 min
Delta R.T.: 0.031 min
Response: 38868
Conc: 33.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



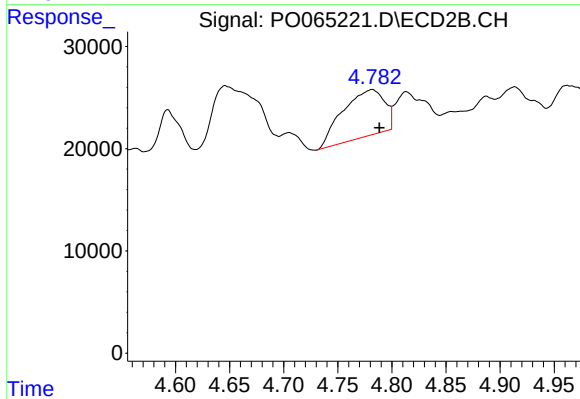
#13 AR-1232-3

R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 20789
Conc: 29.07 ng/ml



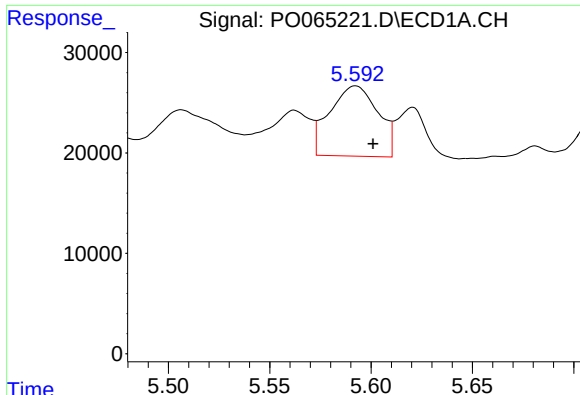
#14 AR-1232-4

R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 90554
Conc: 157.95 ng/ml



#14 AR-1232-4

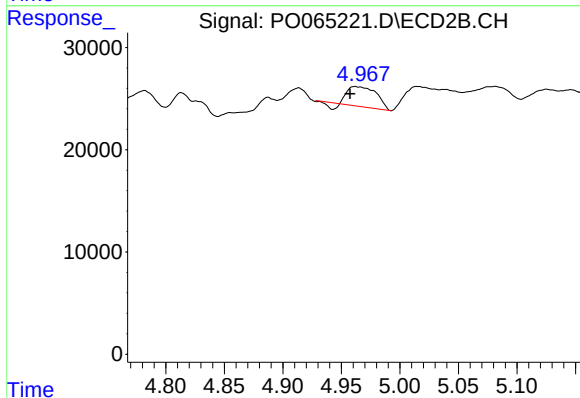
R.T.: 4.782 min
Delta R.T.: -0.007 min
Response: 122339
Conc: 180.99 ng/ml



#15 AR-1232-5

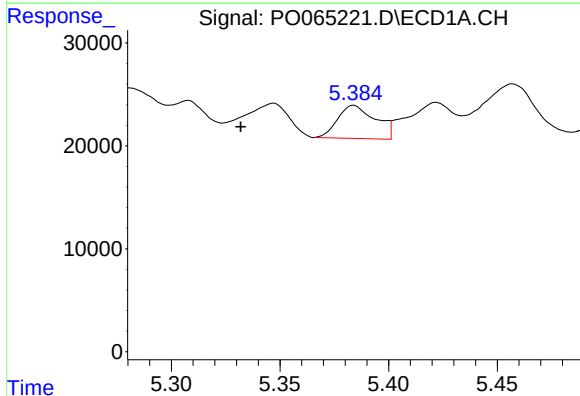
R.T.: 5.592 min
Delta R.T.: -0.009 min
Response: 115915
Conc: 265.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



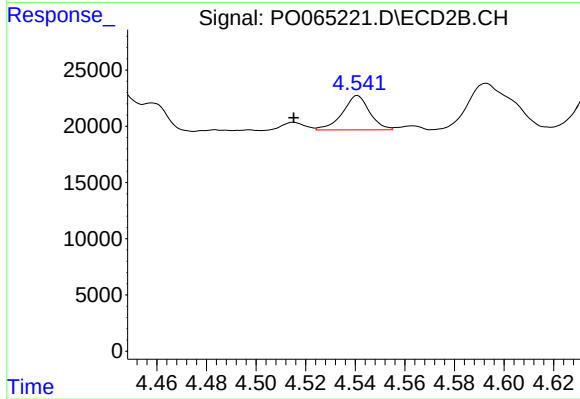
#15 AR-1232-5

R.T.: 4.962 min
Delta R.T.: 0.004 min
Response: 31685
Conc: 42.98 ng/ml



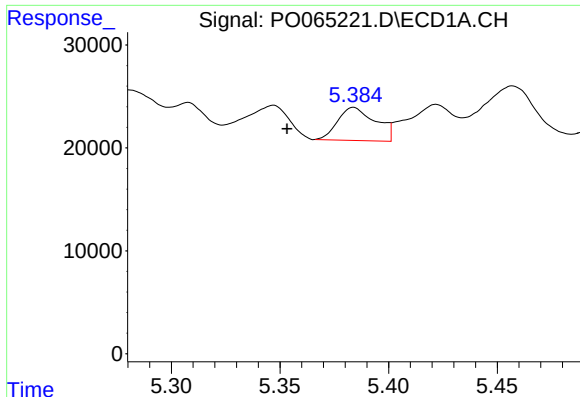
#16 AR-1242-1

R.T.: 5.384 min
Delta R.T.: 0.052 min
Response: 38868
Conc: 49.16 ng/ml



#16 AR-1242-1

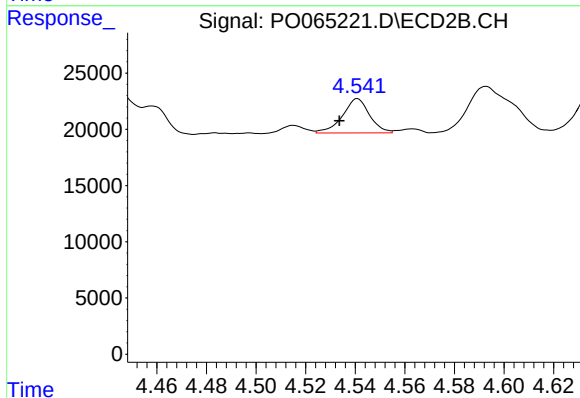
R.T.: 4.541 min
Delta R.T.: 0.026 min
Response: 23198
Conc: 24.53 ng/ml



#17 AR-1242-2

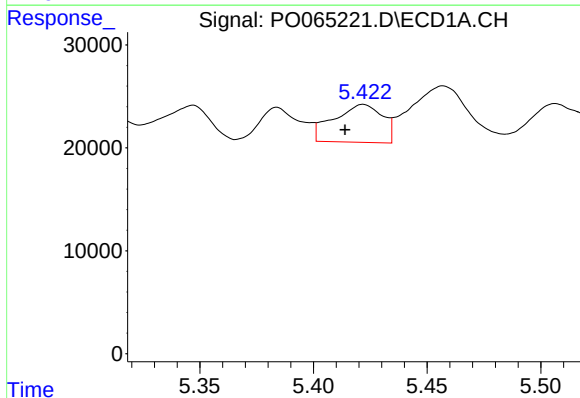
R.T.: 5.384 min
Delta R.T.: 0.031 min
Response: 38868
Conc: 33.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



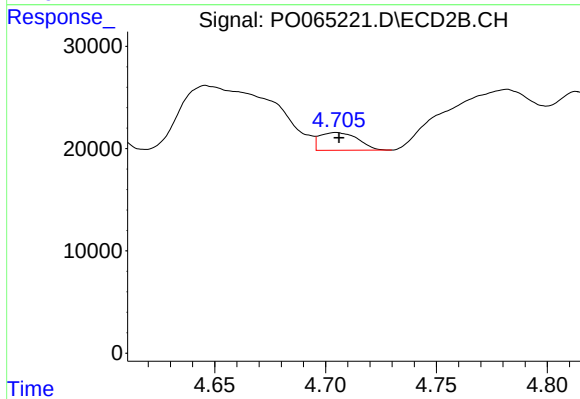
#17 AR-1242-2

R.T.: 4.541 min
Delta R.T.: 0.007 min
Response: 23198
Conc: 17.54 ng/ml



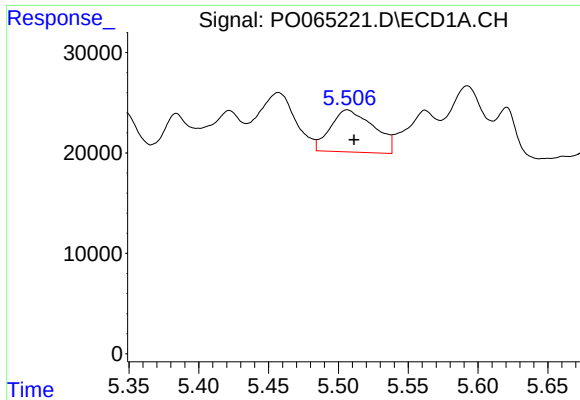
#18 AR-1242-3

R.T.: 5.422 min
Delta R.T.: 0.008 min
Response: 54836
Conc: 76.28 ng/ml



#18 AR-1242-3

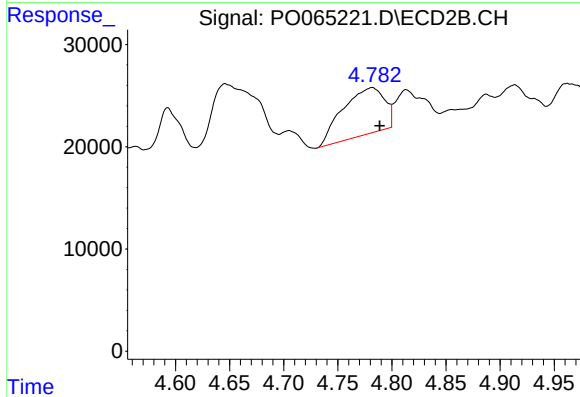
R.T.: 4.705 min
Delta R.T.: -0.001 min
Response: 20789
Conc: 28.38 ng/ml



#19 AR-1242-4

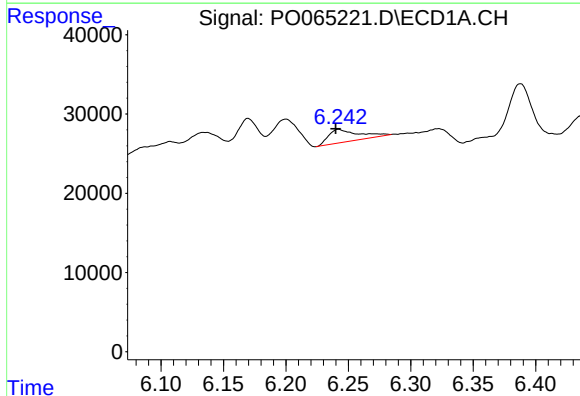
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 90554
Conc: 153.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



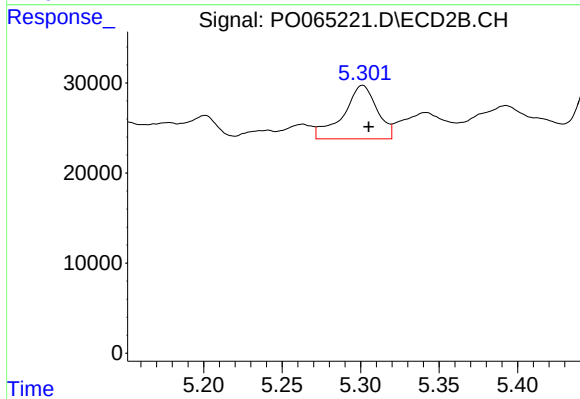
#19 AR-1242-4

R.T.: 4.782 min
Delta R.T.: -0.007 min
Response: 122339
Conc: 158.01 ng/ml



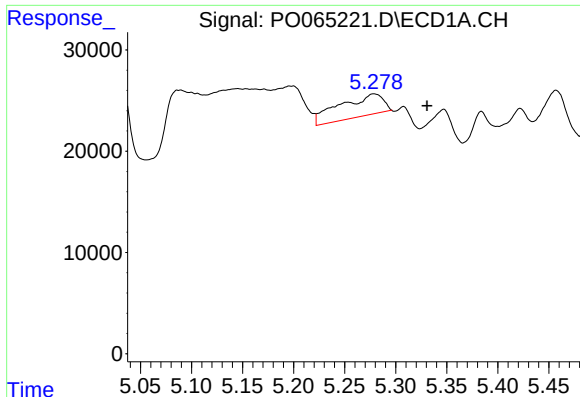
#20 AR-1242-5

R.T.: 6.243 min
Delta R.T.: 0.003 min
Response: 27202
Conc: 36.20 ng/ml



#20 AR-1242-5

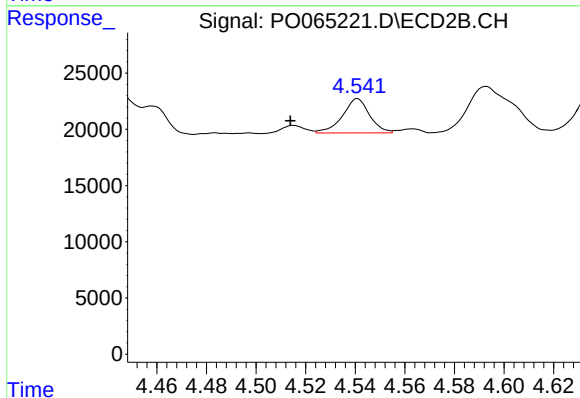
R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 89488
Conc: 83.66 ng/ml



#21 AR-1248-1

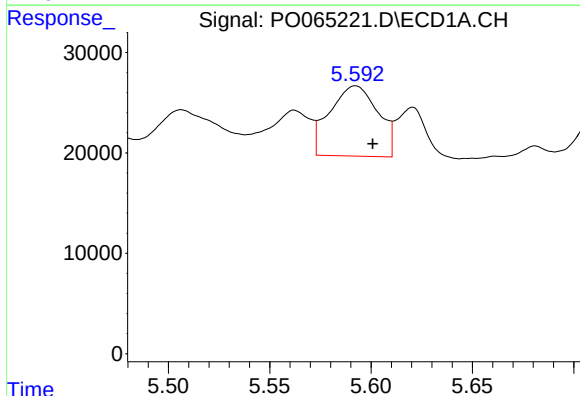
R.T.: 5.279 min
Delta R.T.: -0.052 min
Response: 62997
Conc: 101.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



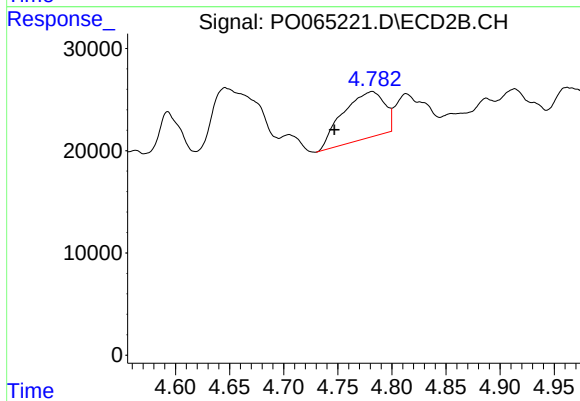
#21 AR-1248-1

R.T.: 4.541 min
Delta R.T.: 0.027 min
Response: 23198
Conc: 30.79 ng/ml



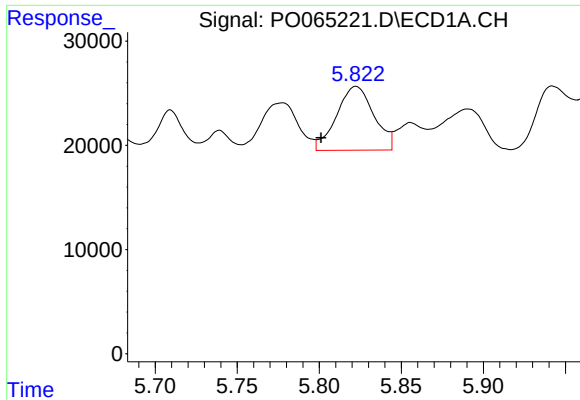
#22 AR-1248-2

R.T.: 5.592 min
Delta R.T.: -0.008 min
Response: 115915
Conc: 128.32 ng/ml



#22 AR-1248-2

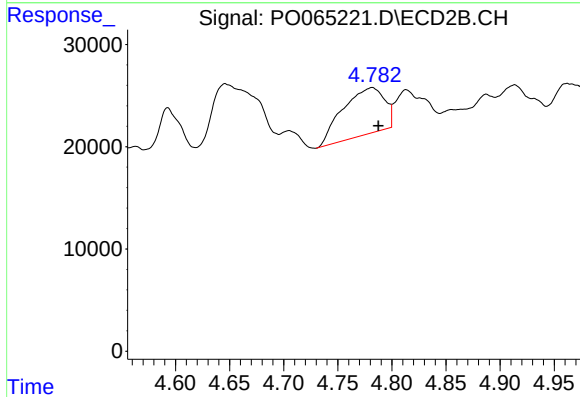
R.T.: 4.782 min
Delta R.T.: 0.035 min
Response: 122339
Conc: 112.74 ng/ml



#23 AR-1248-3

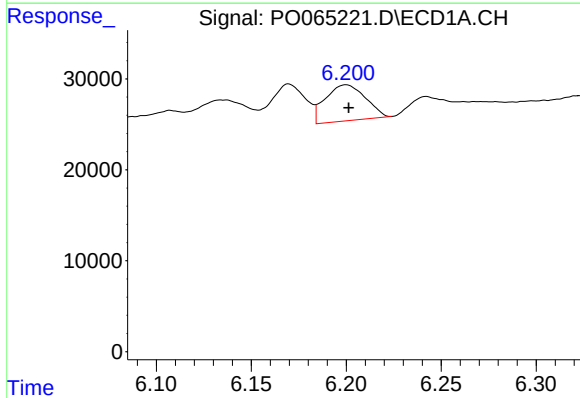
R.T.: 5.822 min
Delta R.T.: 0.021 min
Response: 96976
Conc: 94.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



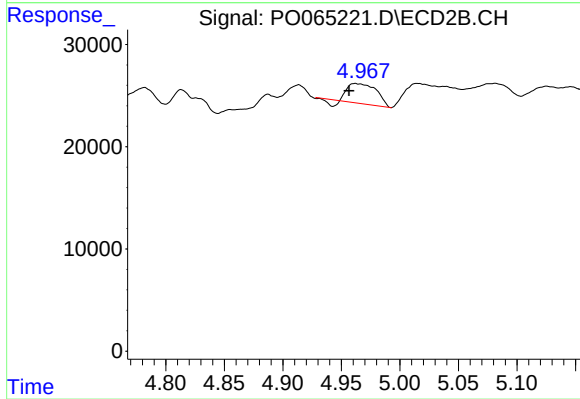
#23 AR-1248-3

R.T.: 4.782 min
Delta R.T.: -0.006 min
Response: 122339
Conc: 109.69 ng/ml



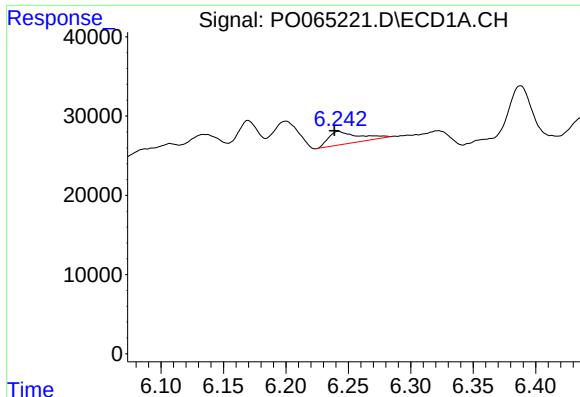
#24 AR-1248-4

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 58123
Conc: 44.88 ng/ml



#24 AR-1248-4

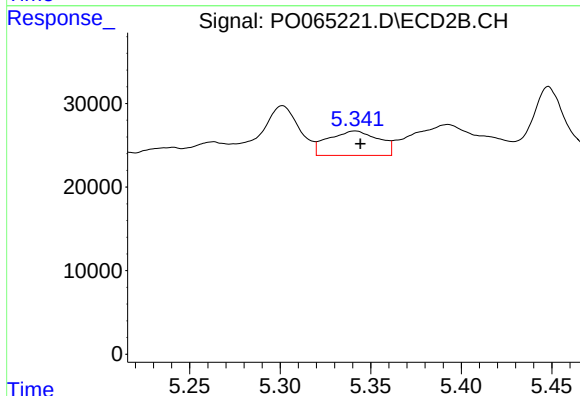
R.T.: 4.962 min
Delta R.T.: 0.005 min
Response: 31685
Conc: 23.39 ng/ml



#25 AR-1248-5

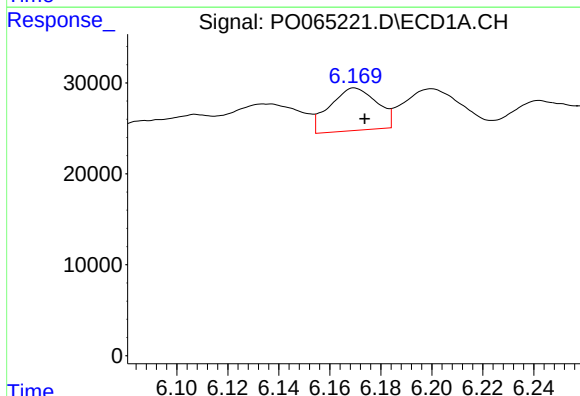
R.T.: 6.243 min
Delta R.T.: 0.004 min
Response: 27202
Conc: 21.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



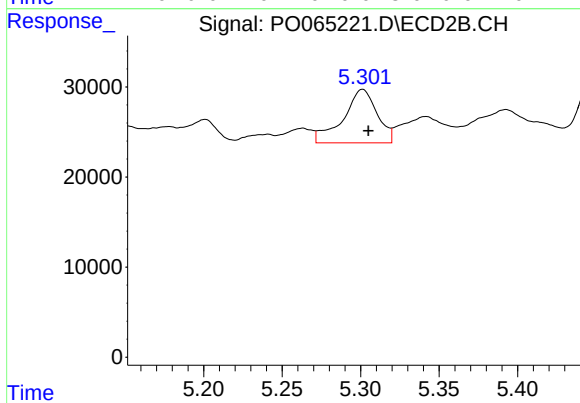
#25 AR-1248-5

R.T.: 5.341 min
Delta R.T.: -0.003 min
Response: 57062
Conc: 39.67 ng/ml



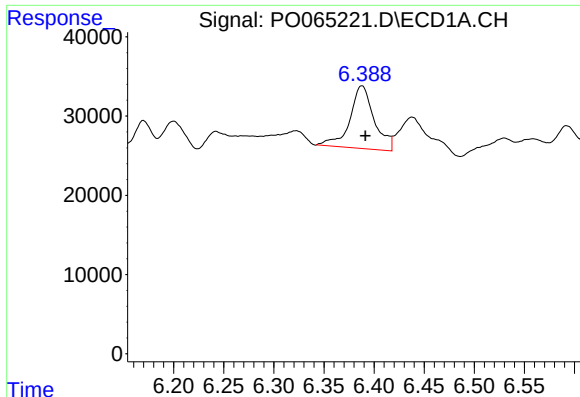
#26 AR-1254-1

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 59871
Conc: 46.02 ng/ml



#26 AR-1254-1

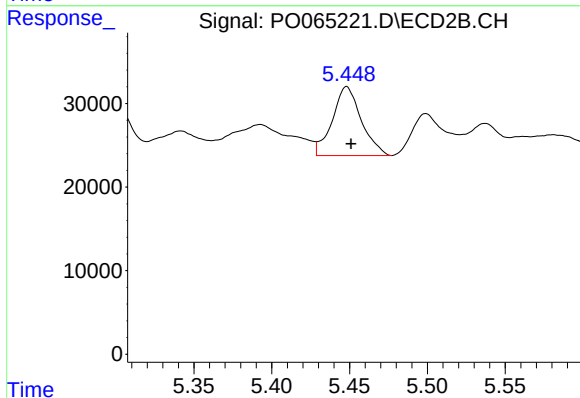
R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 89488
Conc: 38.27 ng/ml



#27 AR-1254-2

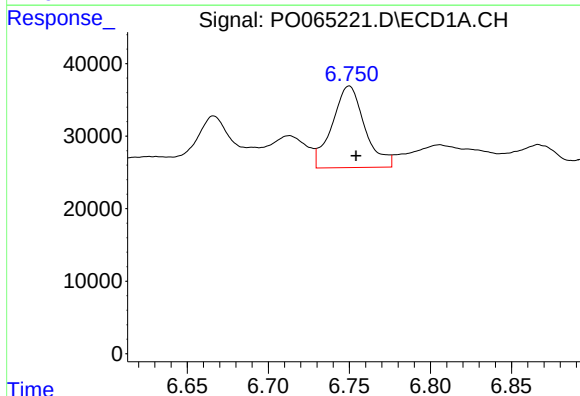
R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 134375
Conc: 63.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



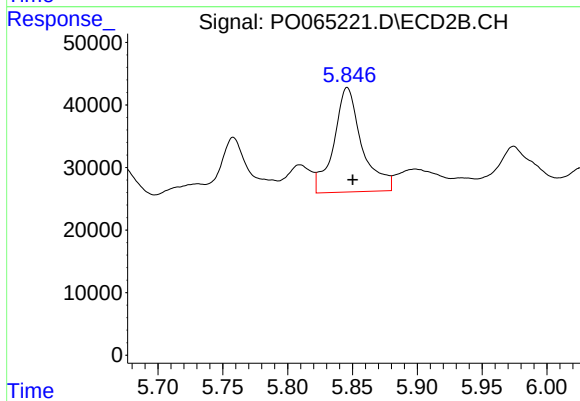
#27 AR-1254-2

R.T.: 5.448 min
Delta R.T.: -0.003 min
Response: 106747
Conc: 50.07 ng/ml



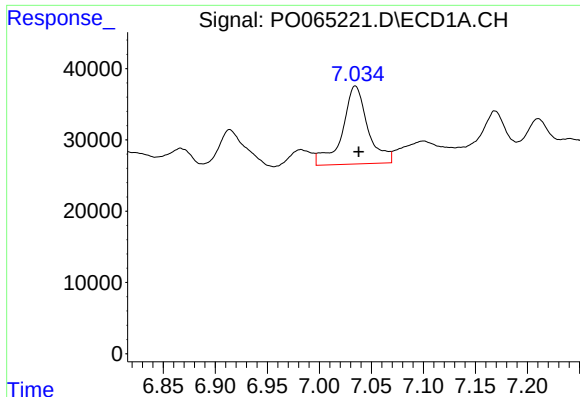
#28 AR-1254-3

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 157957
Conc: 65.94 ng/ml



#28 AR-1254-3

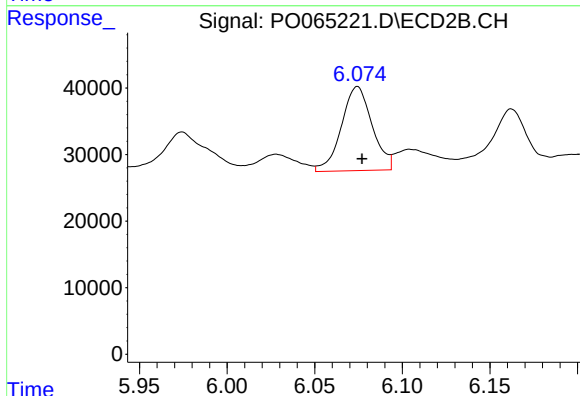
R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 252779
Conc: 70.16 ng/ml



#29 AR-1254-4

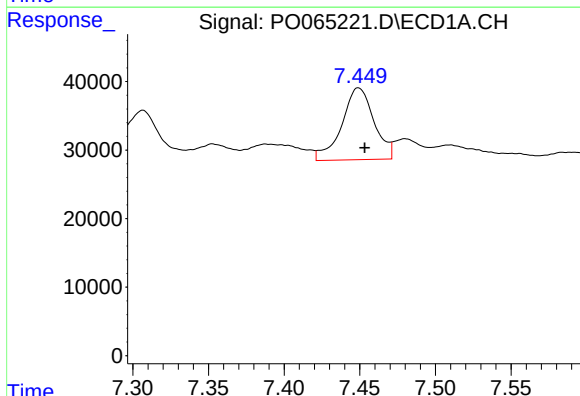
R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 187463
Conc: 100.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



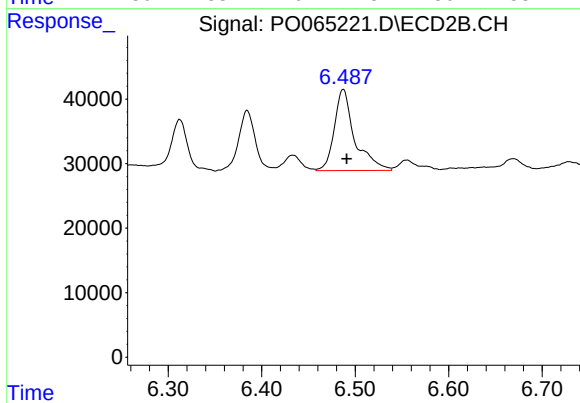
#29 AR-1254-4

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 154329
Conc: 66.36 ng/ml



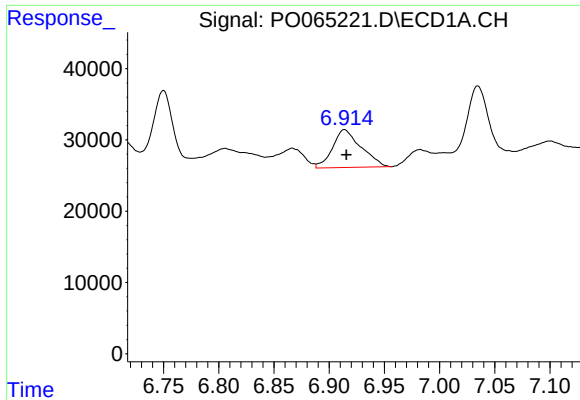
#30 AR-1254-5

R.T.: 7.449 min
Delta R.T.: -0.004 min
Response: 156089
Conc: 76.93 ng/ml



#30 AR-1254-5

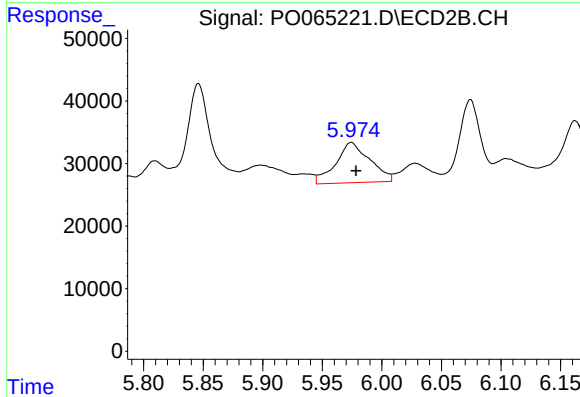
R.T.: 6.487 min
Delta R.T.: -0.004 min
Response: 191387
Conc: 56.74 ng/ml



#31 AR-1260-1

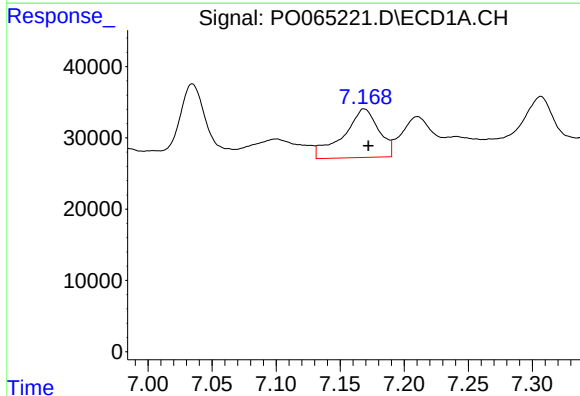
R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 95735
Conc: 57.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



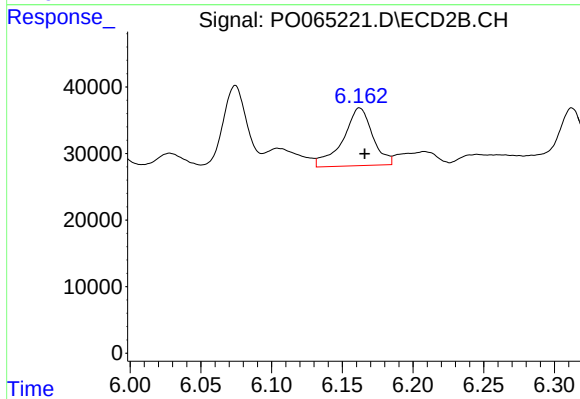
#31 AR-1260-1

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 127973
Conc: 53.92 ng/ml



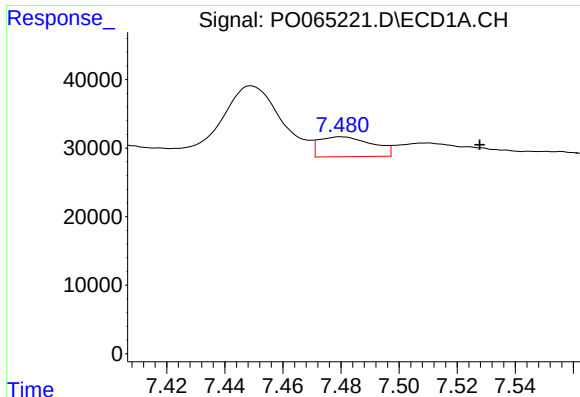
#32 AR-1260-2

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 131187
Conc: 63.85 ng/ml



#32 AR-1260-2

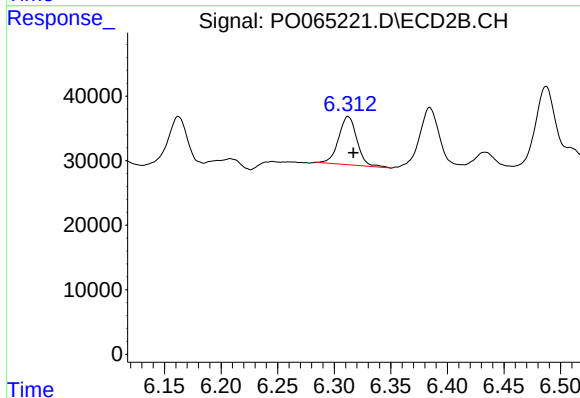
R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 127162
Conc: 41.68 ng/ml



#33 AR-1260-3

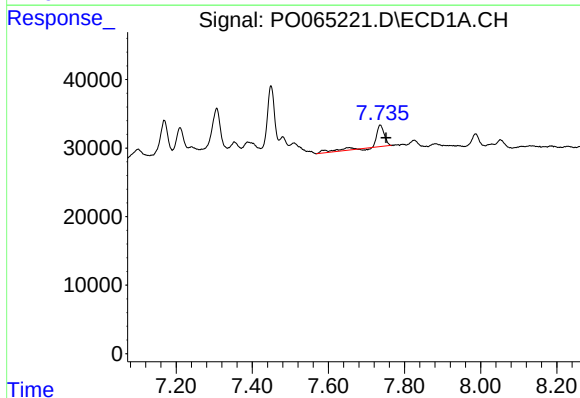
R.T.: 7.480 min
Delta R.T.: -0.048 min
Response: 36748
Conc: 23.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



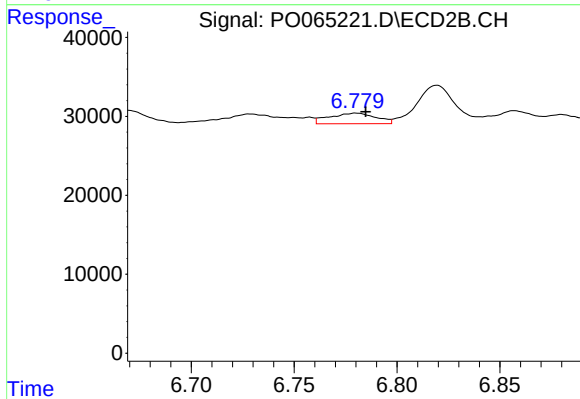
#33 AR-1260-3

R.T.: 6.312 min
Delta R.T.: -0.005 min
Response: 84500
Conc: 31.46 ng/ml



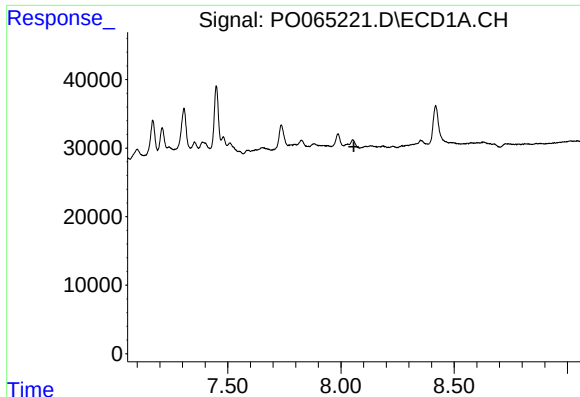
#34 AR-1260-4

R.T.: 7.736 min
Delta R.T.: -0.015 min
Response: 53692
Conc: 28.89 ng/ml



#34 AR-1260-4

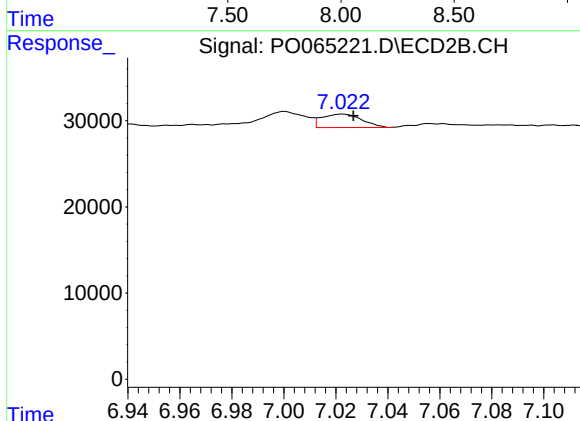
R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 20957
Conc: 9.04 ng/ml



#35 AR-1260-5

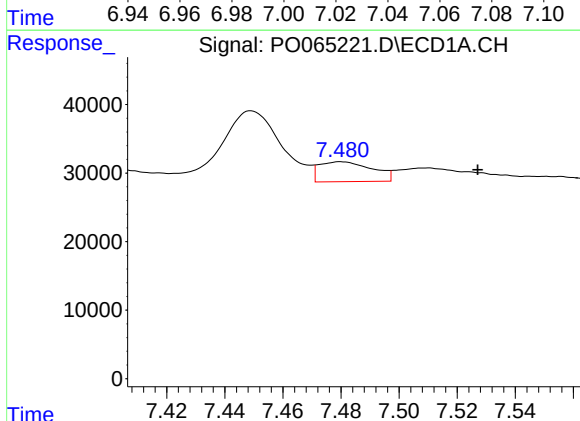
R.T.: 0.000 min
Exp R.T.: 8.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



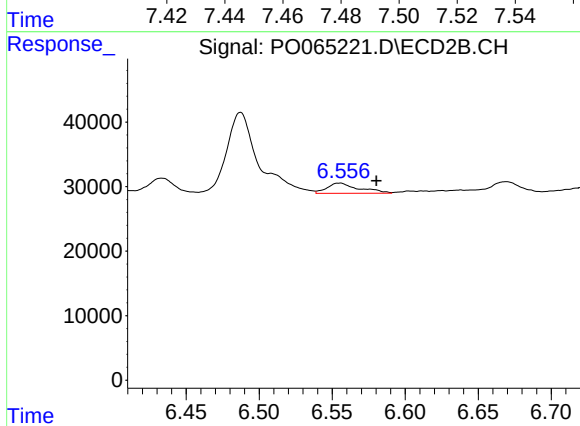
#35 AR-1260-5

R.T.: 7.022 min
Delta R.T.: -0.004 min
Response: 16697
Conc: 3.09 ng/ml



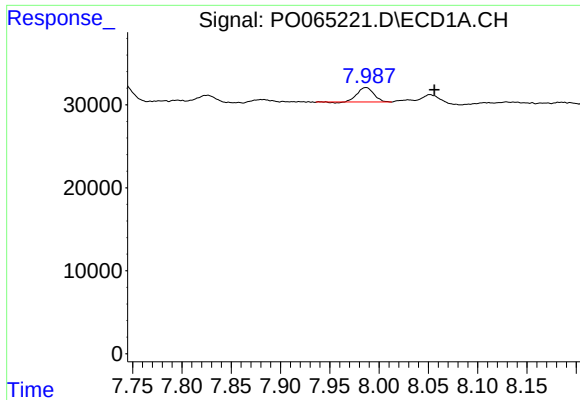
#36 AR-1262-1

R.T.: 7.480 min
Delta R.T.: -0.047 min
Response: 36748
Conc: 14.69 ng/ml



#36 AR-1262-1

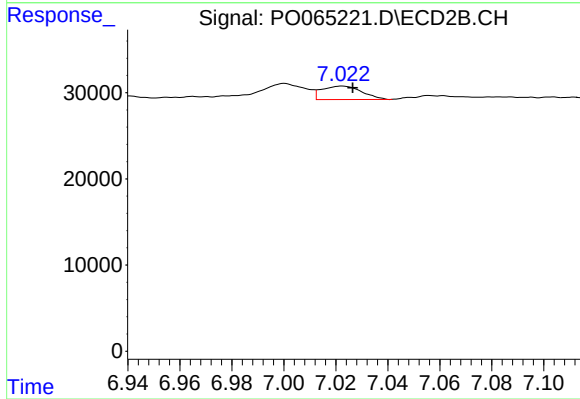
R.T.: 6.555 min
Delta R.T.: -0.025 min
Response: 24436
Conc: 16.44 ng/ml



#37 AR-1262-2

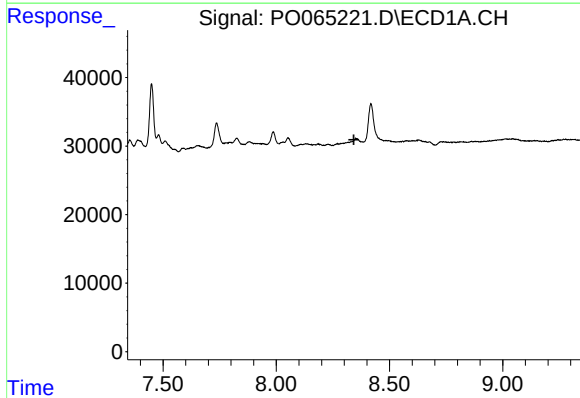
R.T.: 7.987 min
Delta R.T.: -0.070 min
Response: 19994
Conc: 4.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



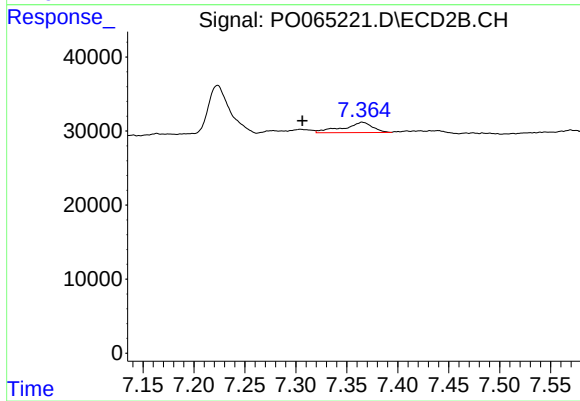
#37 AR-1262-2

R.T.: 7.022 min
Delta R.T.: -0.004 min
Response: 16697
Conc: 2.50 ng/ml



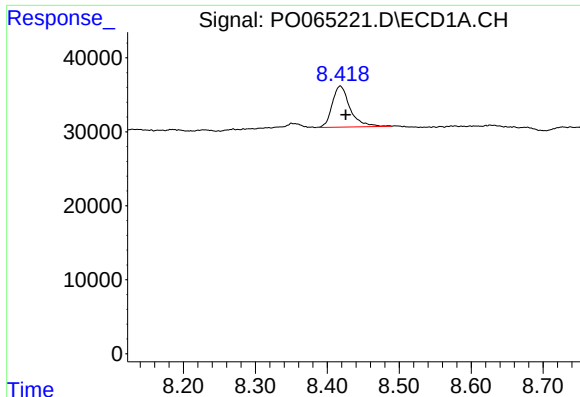
#38 AR-1262-3

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



#38 AR-1262-3

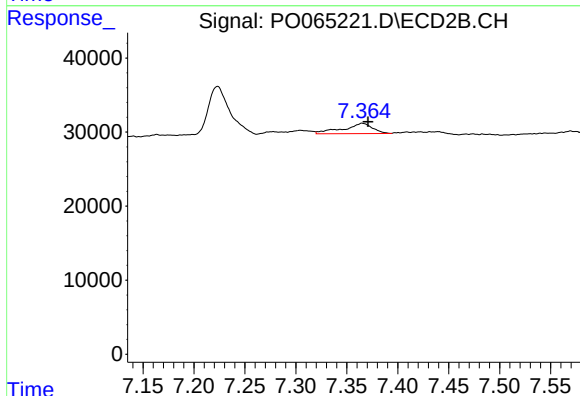
R.T.: 7.365 min
Delta R.T.: 0.059 min
Response: 27782
Conc: 10.76 ng/ml



#39 AR-1262-4

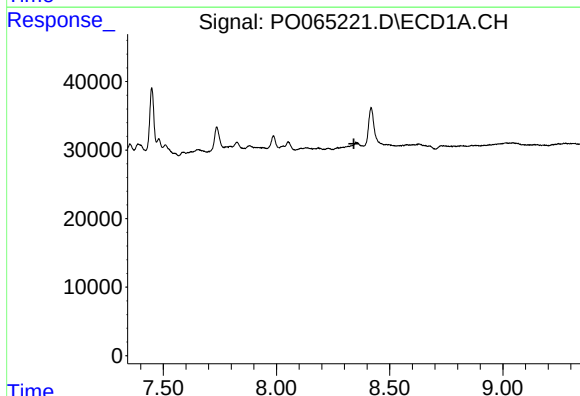
R.T.: 8.418 min
Delta R.T.: -0.007 min
Response: 95623
Conc: 42.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



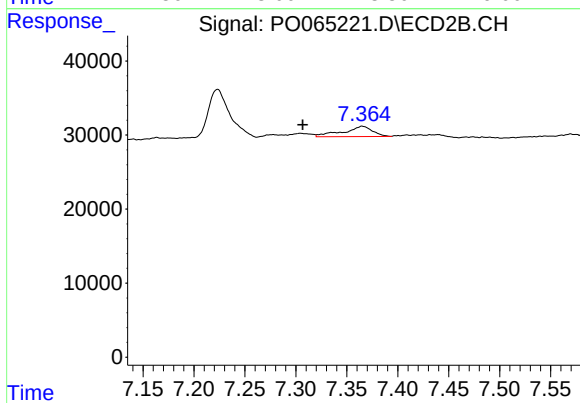
#39 AR-1262-4

R.T.: 7.365 min
Delta R.T.: -0.005 min
Response: 27782
Conc: 5.75 ng/ml



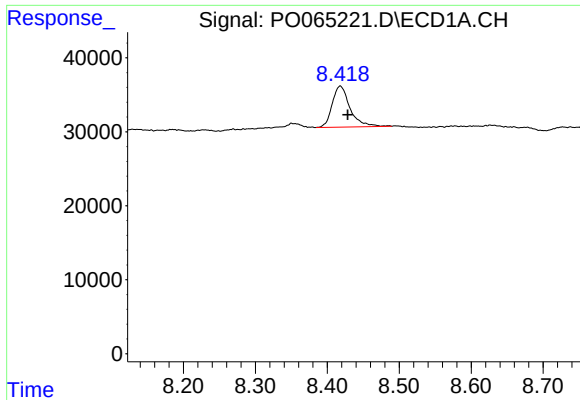
#41 AR-1268-1

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



#41 AR-1268-1

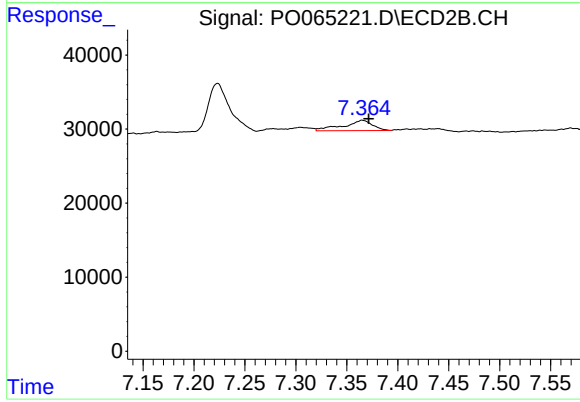
R.T.: 7.365 min
Delta R.T.: 0.059 min
Response: 27782
Conc: 3.92 ng/ml



#42 AR-1268-2

R.T.: 8.418 min
Delta R.T.: -0.010 min
Response: 95623
Conc: 21.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 7.365 min
Delta R.T.: -0.006 min
Response: 27782
Conc: 4.32 ng/ml