

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050788.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 22:49
 Operator : SM/SJ
 Sample : J5685-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:11:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 07:48:38 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...	4.355	3.349	11884731	4565988	23.776	21.007
2)	SA Decachlor...	10.011	8.094	4694182	2926962	15.102	11.443
Target Compounds							
3)	L1 AR-1016-1	5.520	4.364	665991	2183175	34.913	237.568 #
4)	L1 AR-1016-2	5.540	4.381	2272438	2994970	81.560	193.272 #
5)	L1 AR-1016-3	5.603	4.544	545578	1320764	33.146	164.896 #
6)	L1 AR-1016-4	5.700	4.588	651388	1821046	48.516	299.281 #
7)	L1 AR-1016-5	5.995	4.801	3948689	950371	292.666	110.130 #
8)	L2 AR-1221-1	4.527	3.548	171827	180352	35.566	106.696 #
9)	L2 AR-1221-2	0.000	3.628	0	83979	N.D.	65.988 #
10)	L2 AR-1221-3	0.000	3.646	0	23493	N.D.	5.493 #
11)	L3 AR-1232-1	0.000	3.646	0	23493	N.D.	5.877 #
12)	L3 AR-1232-2	5.251	4.381	5441858	2994970	1167.825	626.083 #
13)	L3 AR-1232-3	5.540	4.544	2272438	1320764	246.917	506.494 #
14)	L3 AR-1232-4	5.700	4.629	651388	2612897	144.292	1172.092 #
15)	L3 AR-1232-5	5.792	4.801	1730653	950371	583.126	357.319 #
16)	L4 AR-1242-1	5.520	4.364	665991	2183175	52.838	371.994 #
17)	L4 AR-1242-2	5.540	4.381	2272438	2994970	123.145	299.786 #
18)	L4 AR-1242-3	5.603	4.544	545578	1320764	51.123	261.555 #
19)	L4 AR-1242-4	5.700	4.629	651388	2612897	74.855	546.978 #
20)	L4 AR-1242-5	6.436	5.121	1755883	4435564	188.245	688.485 #
21)	L5 AR-1248-1	5.520	4.364	665991	2183175	68.532	473.218 #
22)	L5 AR-1248-2	5.792	4.588	1730653	1821046	133.606	261.466 #
23)	L5 AR-1248-3	5.995	4.629	3948689	2612897	260.887	373.796 #
24)	L5 AR-1248-4	6.398	4.801	1194589	950371	71.655	101.849 #
25)	L5 AR-1248-5	6.436	5.161	1755883	829102	112.477	86.232
26)	L6 AR-1254-1	6.369	5.121	3374884	4435564	153.693	231.334 #
27)	L6 AR-1254-2	6.587	5.262	6444268	4131339	190.602	237.990
28)	L6 AR-1254-3	6.952	5.644	9916274	15879087	284.763	561.015 #
29)	L6 AR-1254-4	7.236	5.865	3484863	3188986	150.664	180.422
30)	L6 AR-1254-5	7.653	6.267	12872356	10684235	524.285	399.616
31)	L7 AR-1260-1	7.113	5.770	8111414	13843941	315.303	669.574 #
32)	L7 AR-1260-2	7.367	5.954	13224158	9348707	447.027	325.561 #
33)	L7 AR-1260-3	7.727	6.097	4354785	5582768	205.478	226.383
34)	L7 AR-1260-4	7.949	6.555	6805391	3162563	297.401	153.333 #
35)	L7 AR-1260-5	8.265	6.793	8762715	9478709	198.948	182.414
36)	L8 AR-1262-1	7.727	6.306	4354785	4138556	176.518	147.071
37)	L8 AR-1262-2	8.265	6.793	8762715	9478709	223.892	211.003
38)	L8 AR-1262-3	8.583	7.068	5892592	3131999	233.243	174.444 #
39)	L8 AR-1262-4	8.653	7.128	1346169	8439612	68.590	286.871 #
40)	L8 AR-1262-5	9.291	7.614	2063661	1648649	171.215	142.059
41)	L9 AR-1268-1	8.583	7.068	5892592	3131999	116.795	56.866 #

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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

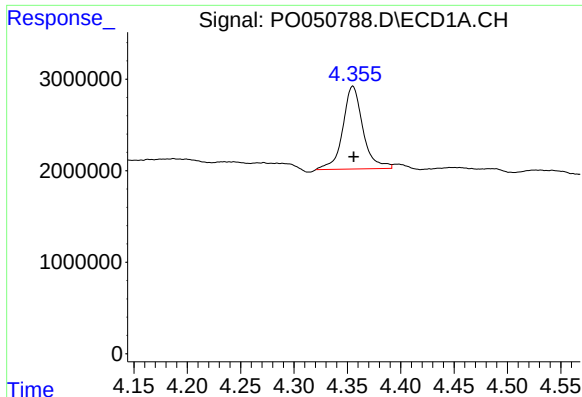
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:11:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
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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	8.653	7.128	1346169	8439612	29.595	177.056 #
43) L9	AR-1268-3	0.000	7.325	0	491327	N.D.	11.405 #
44) L9	AR-1268-4	9.291	7.614	2063661	1648649	145.684	118.010
45) L9	AR-1268-5	9.689	7.878	1046549	696009	8.689	6.944

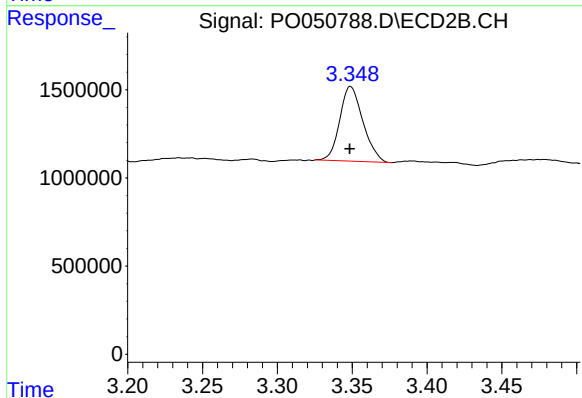
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

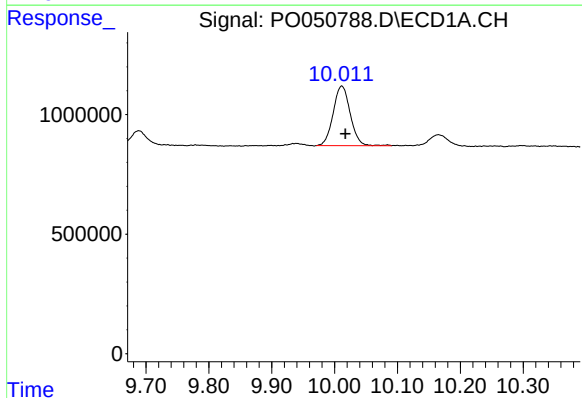
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 11884731
Conc: 23.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



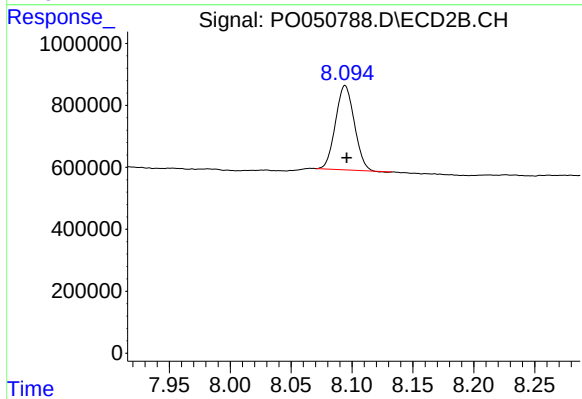
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 4565988
Conc: 21.01 ng/ml



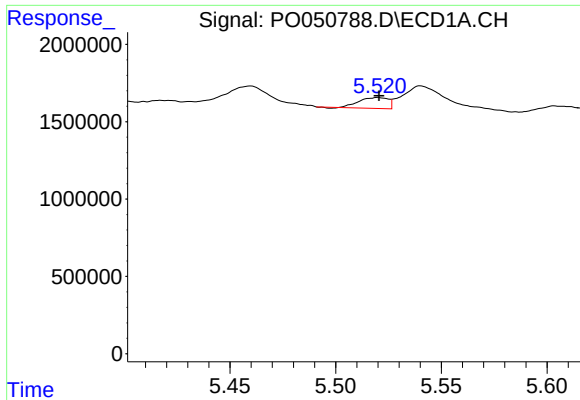
#2 Decachlorobiphenyl

R.T.: 10.011 min
Delta R.T.: -0.006 min
Response: 4694182
Conc: 15.10 ng/ml



#2 Decachlorobiphenyl

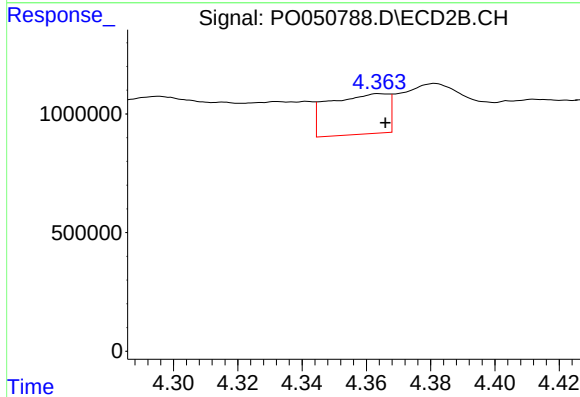
R.T.: 8.094 min
Delta R.T.: -0.001 min
Response: 2926962
Conc: 11.44 ng/ml



#3 AR-1016-1

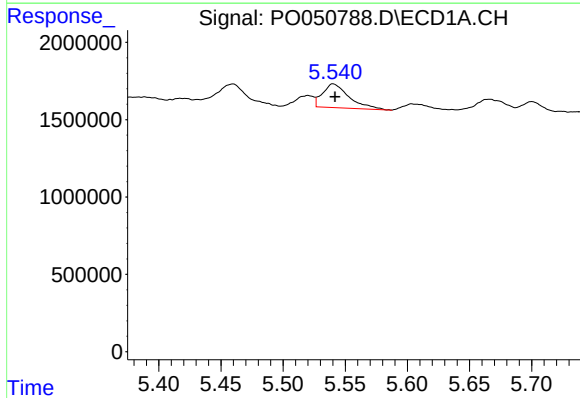
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 665991
Conc: 34.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



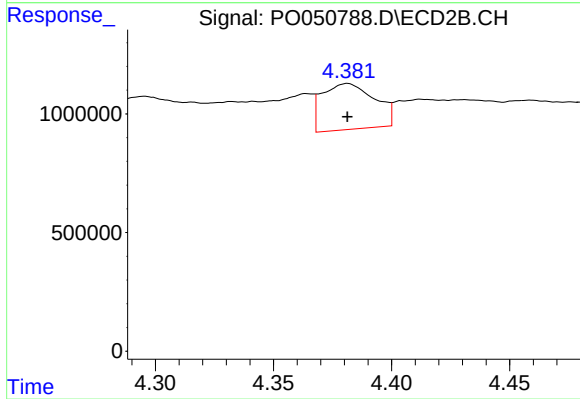
#3 AR-1016-1

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 2183175
Conc: 237.57 ng/ml



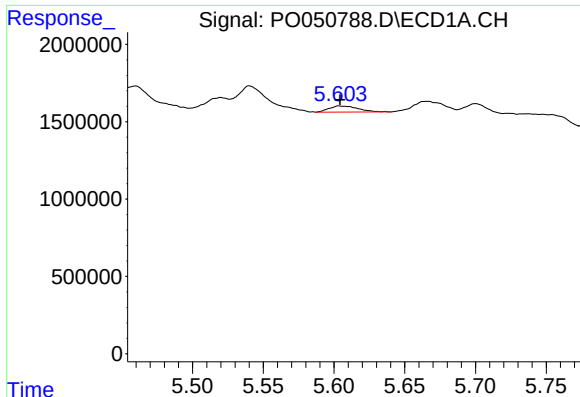
#4 AR-1016-2

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 2272438
Conc: 81.56 ng/ml



#4 AR-1016-2

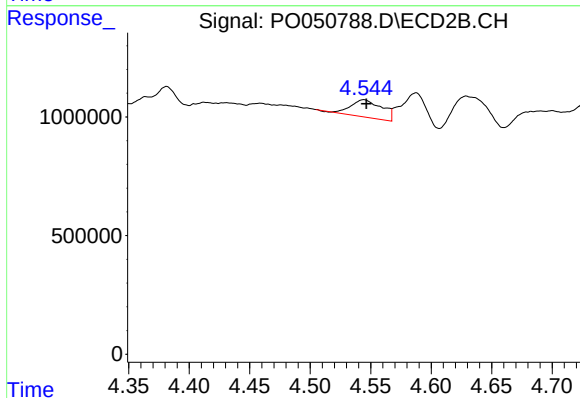
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2994970
Conc: 193.27 ng/ml



#5 AR-1016-3

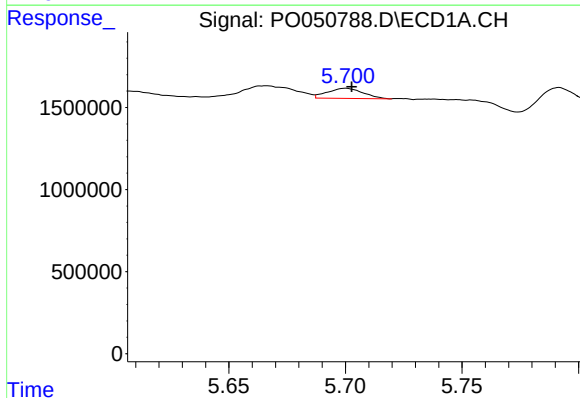
R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 545578
Conc: 33.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



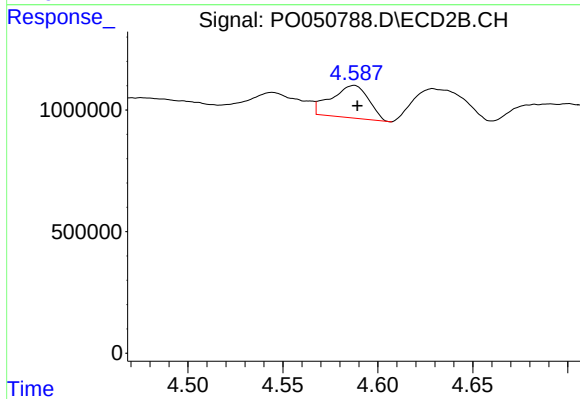
#5 AR-1016-3

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 1320764
Conc: 164.90 ng/ml



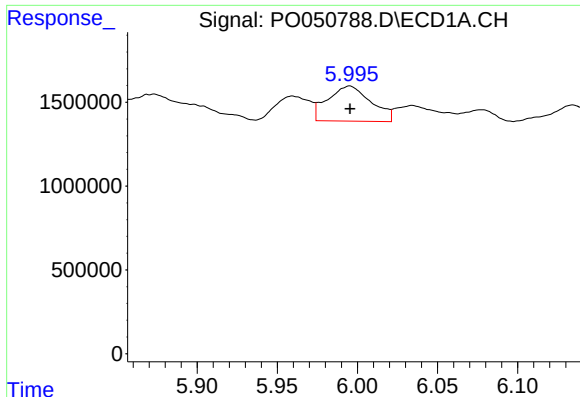
#6 AR-1016-4

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 651388
Conc: 48.52 ng/ml



#6 AR-1016-4

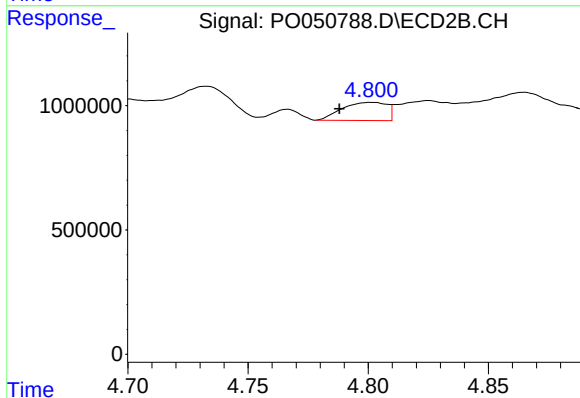
R.T.: 4.588 min
Delta R.T.: -0.001 min
Response: 1821046
Conc: 299.28 ng/ml



#7 AR-1016-5

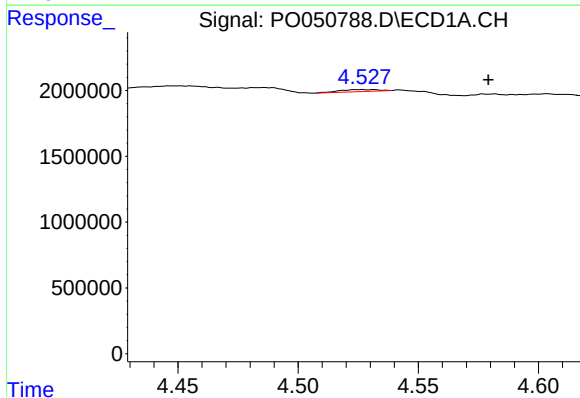
R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 3948689
Conc: 292.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



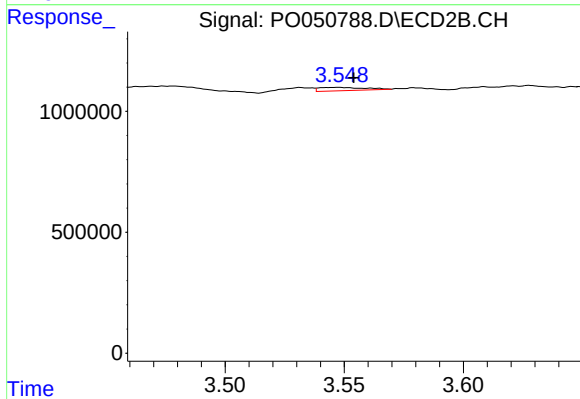
#7 AR-1016-5

R.T.: 4.801 min
Delta R.T.: 0.013 min
Response: 950371
Conc: 110.13 ng/ml



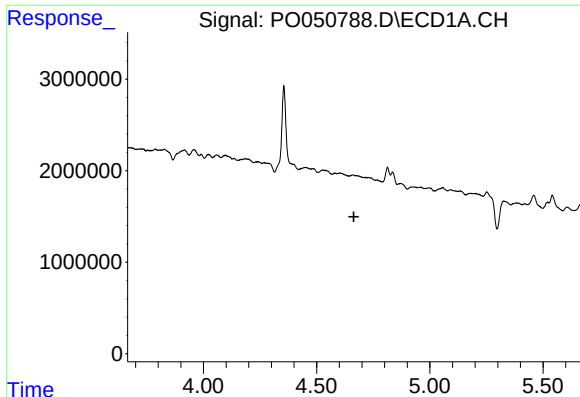
#8 AR-1221-1

R.T.: 4.527 min
Delta R.T.: -0.052 min
Response: 171827
Conc: 35.57 ng/ml



#8 AR-1221-1

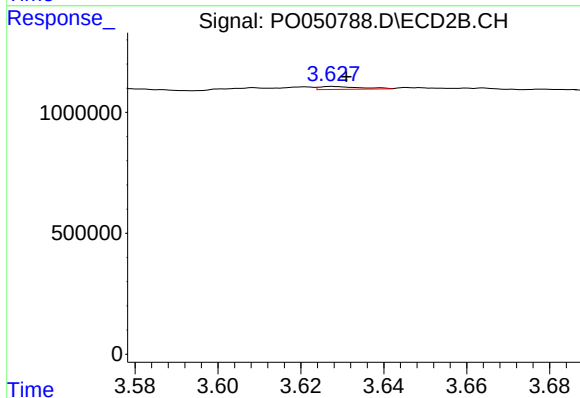
R.T.: 3.548 min
Delta R.T.: -0.006 min
Response: 180352
Conc: 106.70 ng/ml



#9 AR-1221-2

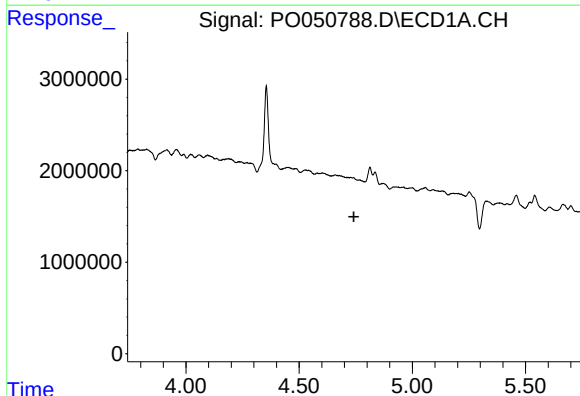
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



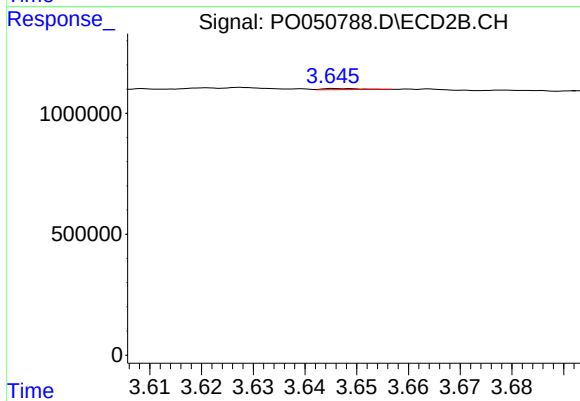
#9 AR-1221-2

R.T.: 3.628 min
Delta R.T.: -0.003 min
Response: 83979
Conc: 65.99 ng/ml



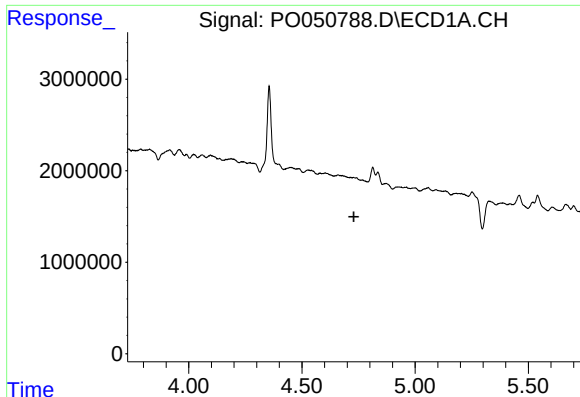
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.742 min
Response: 0
Conc: N.D.



#10 AR-1221-3

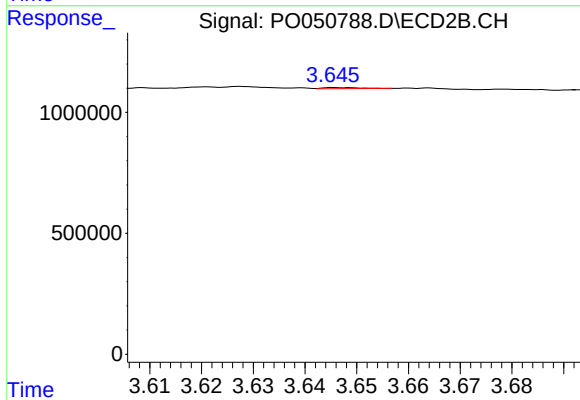
R.T.: 3.646 min
Delta R.T.: -0.058 min
Response: 23493
Conc: 5.49 ng/ml



#11 AR-1232-1

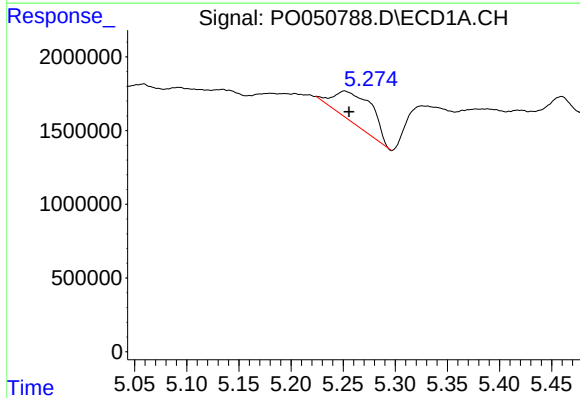
R.T.: 0.000 min
Exp R.T.: 4.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



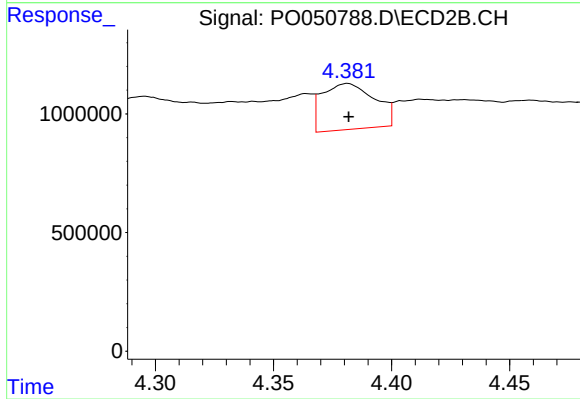
#11 AR-1232-1

R.T.: 3.646 min
Delta R.T.: -0.056 min
Response: 23493
Conc: 5.88 ng/ml



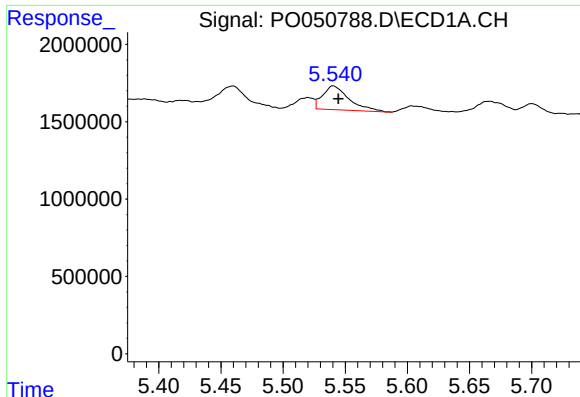
#12 AR-1232-2

R.T.: 5.251 min
Delta R.T.: -0.004 min
Response: 5441858
Conc: 1167.82 ng/ml



#12 AR-1232-2

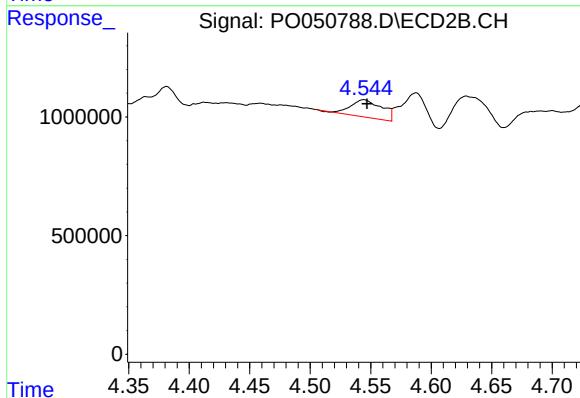
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2994970
Conc: 626.08 ng/ml



#13 AR-1232-3

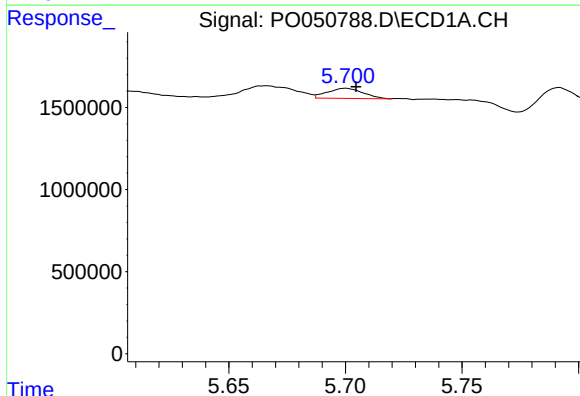
R.T.: 5.540 min
Delta R.T.: -0.004 min
Response: 2272438
Conc: 246.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



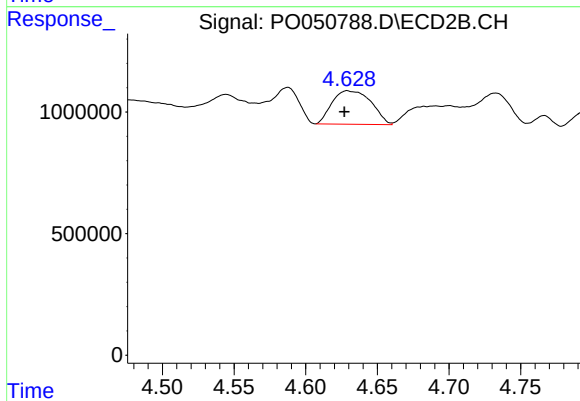
#13 AR-1232-3

R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 1320764
Conc: 506.49 ng/ml



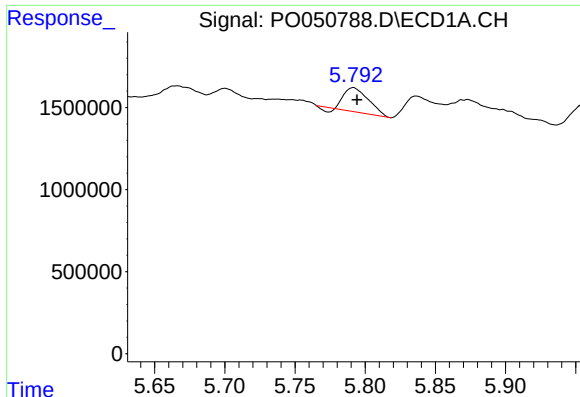
#14 AR-1232-4

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 651388
Conc: 144.29 ng/ml



#14 AR-1232-4

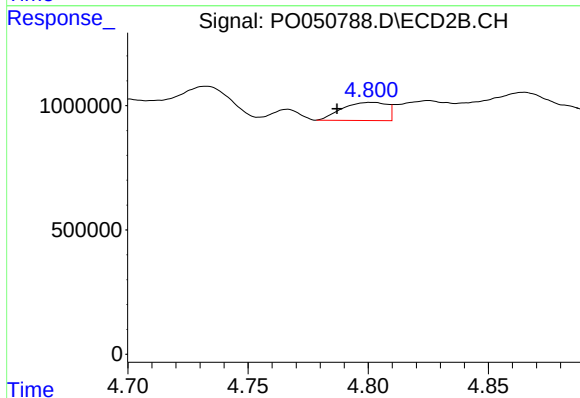
R.T.: 4.629 min
Delta R.T.: 0.002 min
Response: 2612897
Conc: 1172.09 ng/ml



#15 AR-1232-5

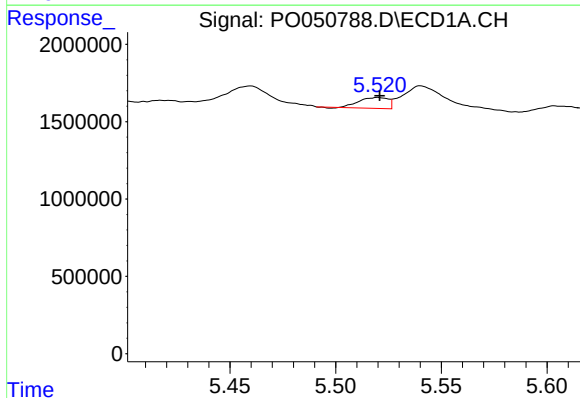
R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 1730653
Conc: 583.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



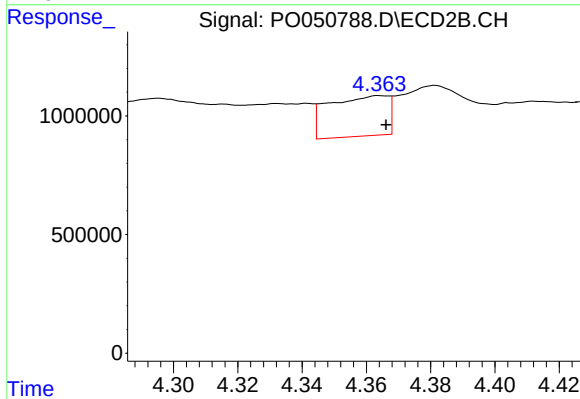
#15 AR-1232-5

R.T.: 4.801 min
Delta R.T.: 0.014 min
Response: 950371
Conc: 357.32 ng/ml



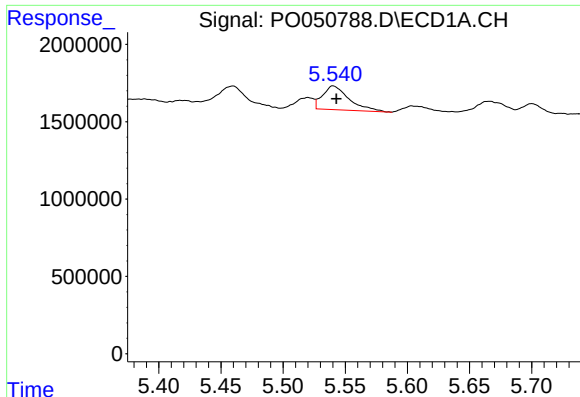
#16 AR-1242-1

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 665991
Conc: 52.84 ng/ml



#16 AR-1242-1

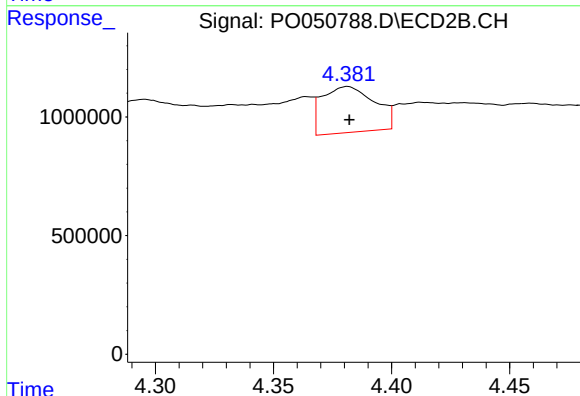
R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 2183175
Conc: 371.99 ng/ml



#17 AR-1242-2

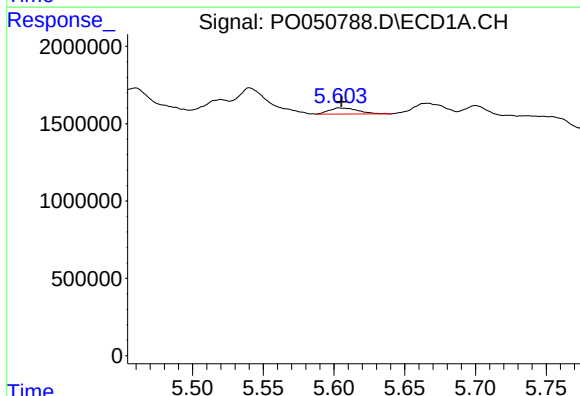
R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 2272438
Conc: 123.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



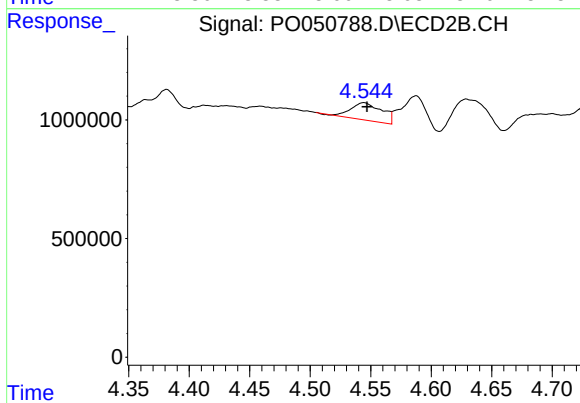
#17 AR-1242-2

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2994970
Conc: 299.79 ng/ml



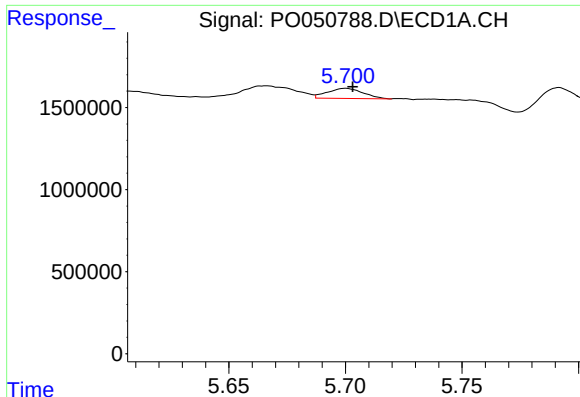
#18 AR-1242-3

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 545578
Conc: 51.12 ng/ml



#18 AR-1242-3

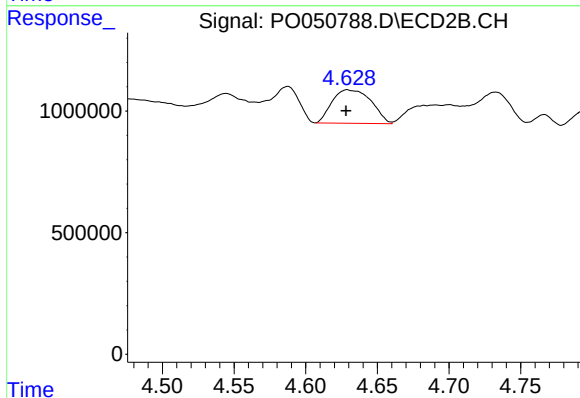
R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 1320764
Conc: 261.56 ng/ml



#19 AR-1242-4

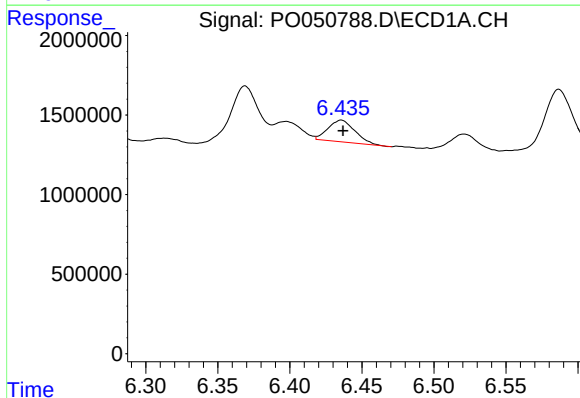
R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 651388
Conc: 74.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



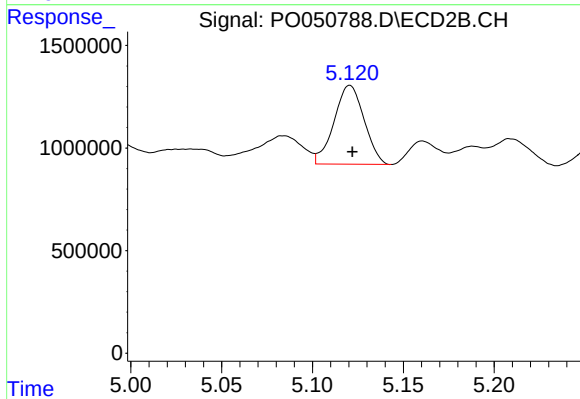
#19 AR-1242-4

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 2612897
Conc: 546.98 ng/ml



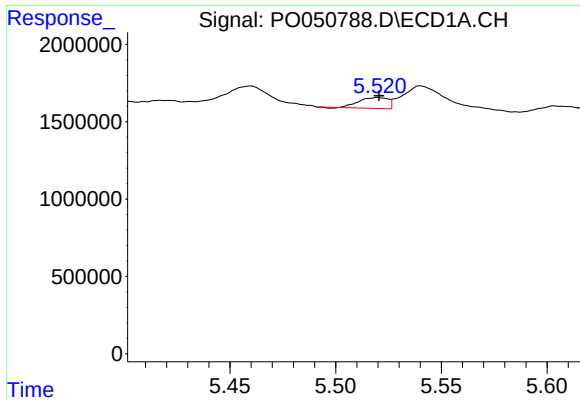
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: -0.001 min
Response: 1755883
Conc: 188.24 ng/ml



#20 AR-1242-5

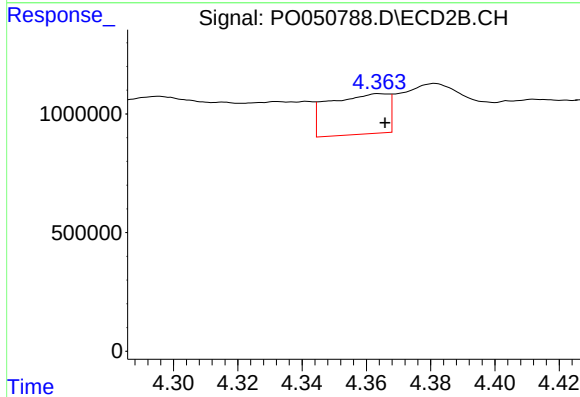
R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 4435564
Conc: 688.49 ng/ml



#21 AR-1248-1

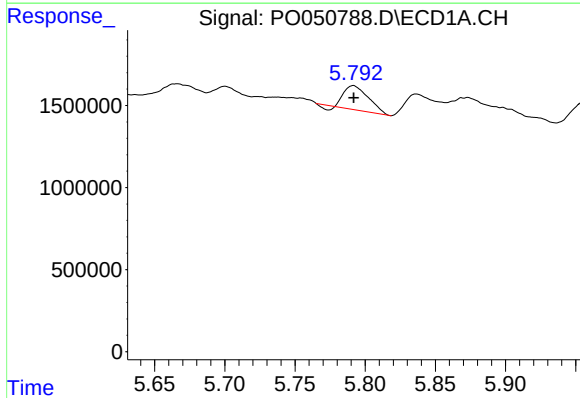
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 665991
Conc: 68.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



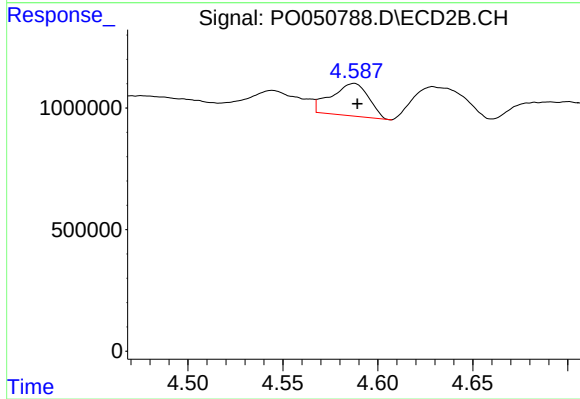
#21 AR-1248-1

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 2183175
Conc: 473.22 ng/ml



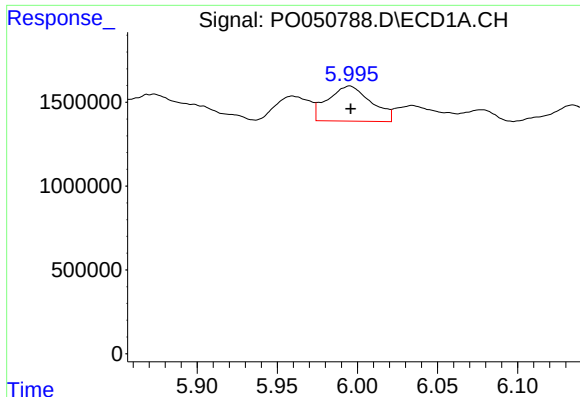
#22 AR-1248-2

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1730653
Conc: 133.61 ng/ml



#22 AR-1248-2

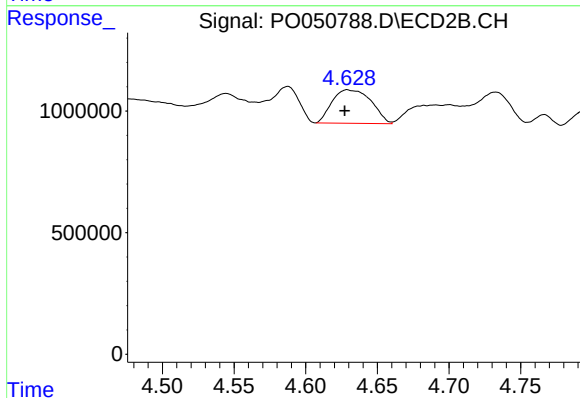
R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 1821046
Conc: 261.47 ng/ml



#23 AR-1248-3

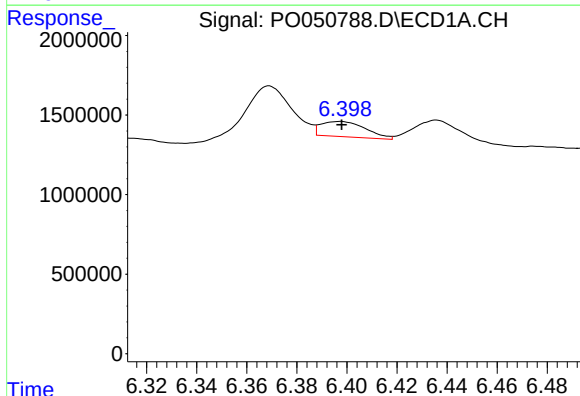
R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 3948689
Conc: 260.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



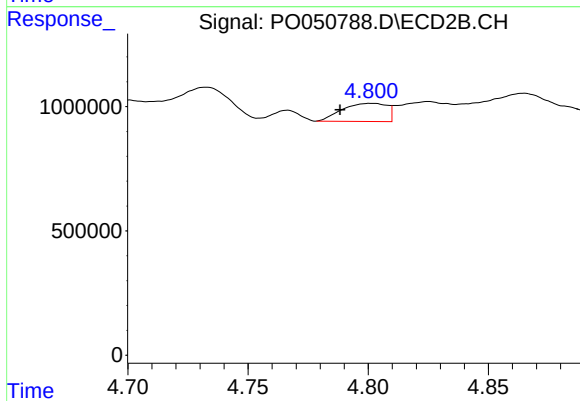
#23 AR-1248-3

R.T.: 4.629 min
Delta R.T.: 0.002 min
Response: 2612897
Conc: 373.80 ng/ml



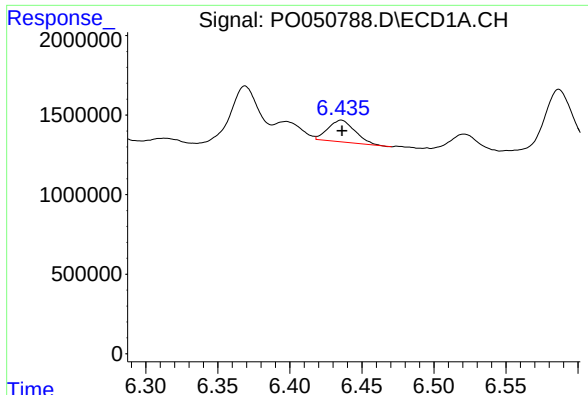
#24 AR-1248-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 1194589
Conc: 71.66 ng/ml



#24 AR-1248-4

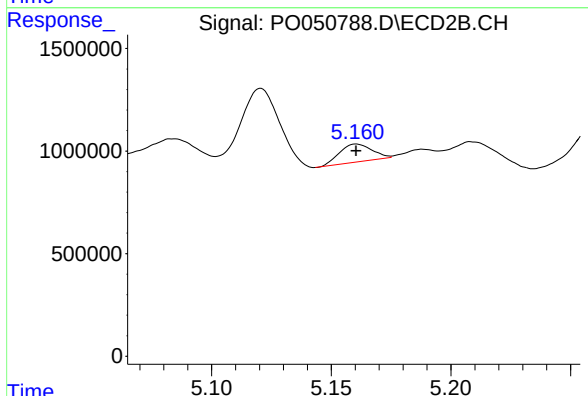
R.T.: 4.801 min
Delta R.T.: 0.013 min
Response: 950371
Conc: 101.85 ng/ml



#25 AR-1248-5

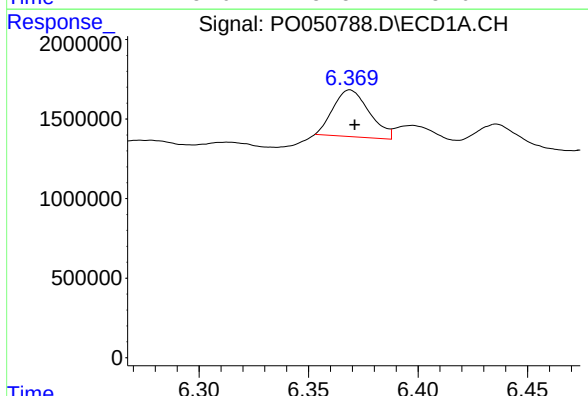
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1755883
Conc: 112.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



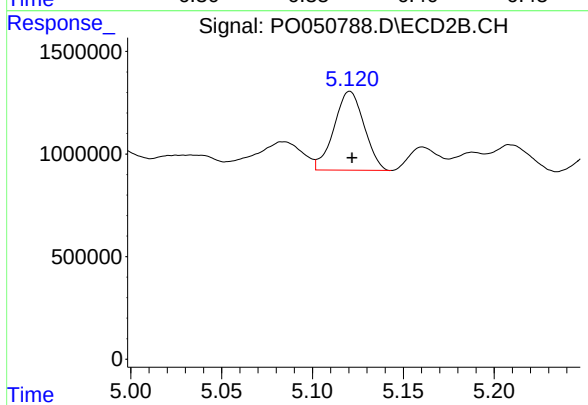
#25 AR-1248-5

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 829102
Conc: 86.23 ng/ml



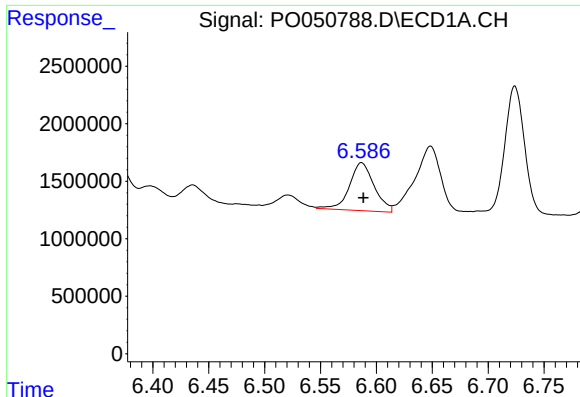
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 3374884
Conc: 153.69 ng/ml



#26 AR-1254-1

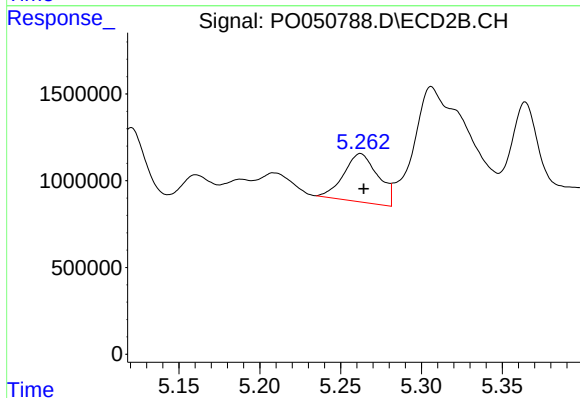
R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 4435564
Conc: 231.33 ng/ml



#27 AR-1254-2

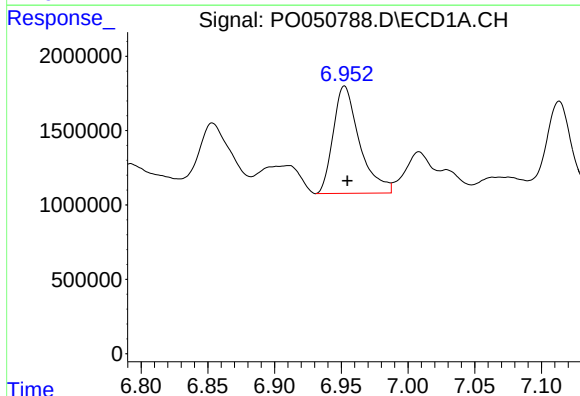
R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 6444268
Conc: 190.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



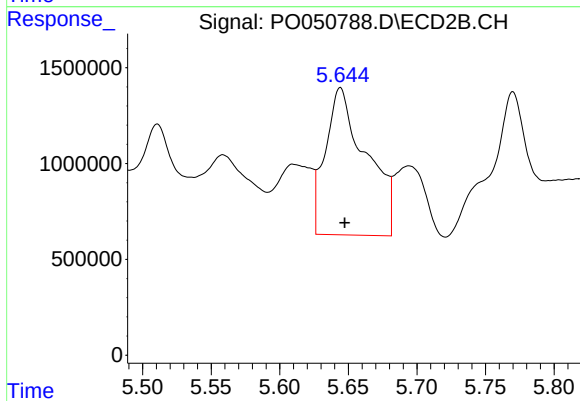
#27 AR-1254-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 4131339
Conc: 237.99 ng/ml



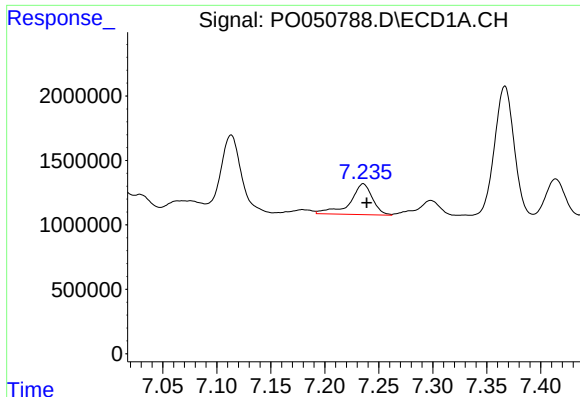
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 9916274
Conc: 284.76 ng/ml



#28 AR-1254-3

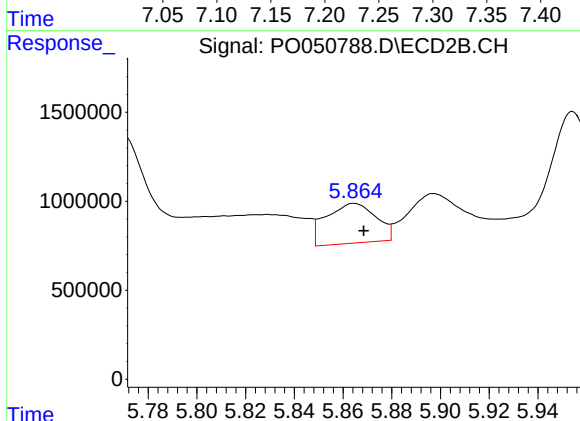
R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 15879087
Conc: 561.02 ng/ml



#29 AR-1254-4

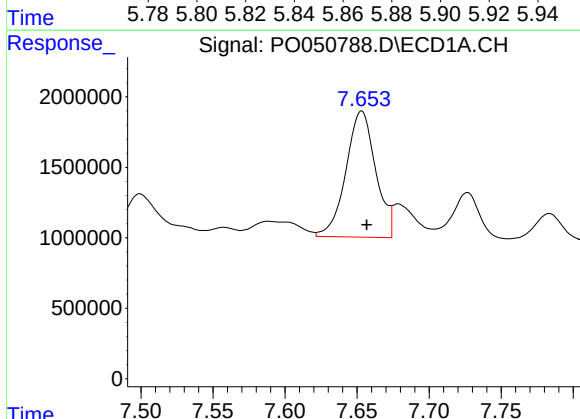
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 3484863
Conc: 150.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



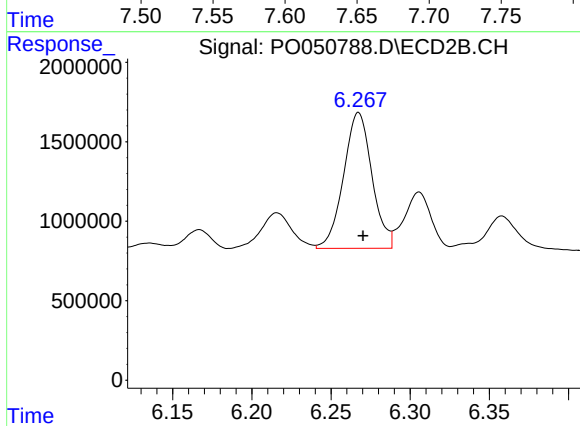
#29 AR-1254-4

R.T.: 5.865 min
Delta R.T.: -0.004 min
Response: 3188986
Conc: 180.42 ng/ml



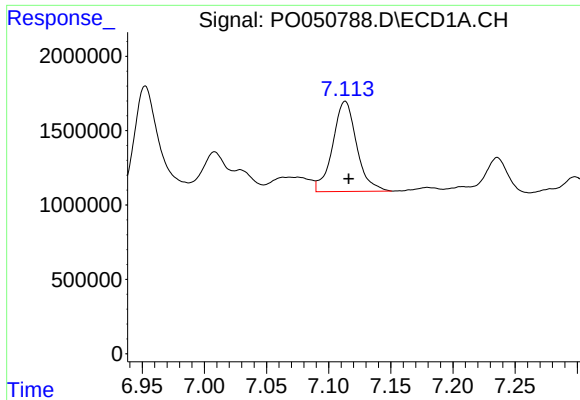
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 12872356
Conc: 524.29 ng/ml



#30 AR-1254-5

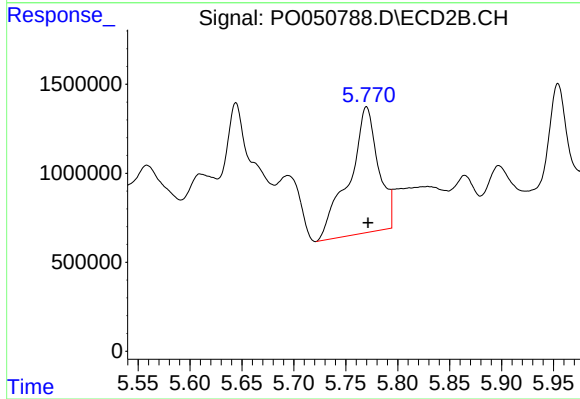
R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 10684235
Conc: 399.62 ng/ml



#31 AR-1260-1

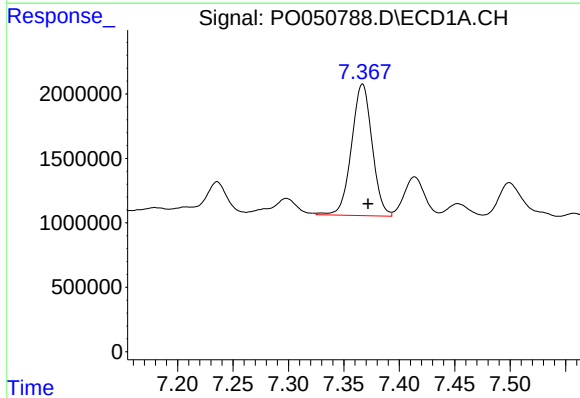
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 8111414
Conc: 315.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



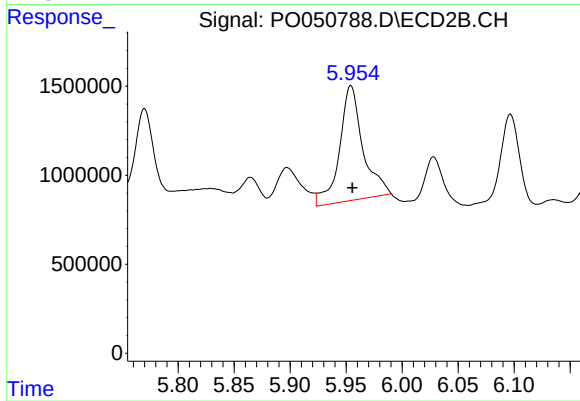
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 13843941
Conc: 669.57 ng/ml



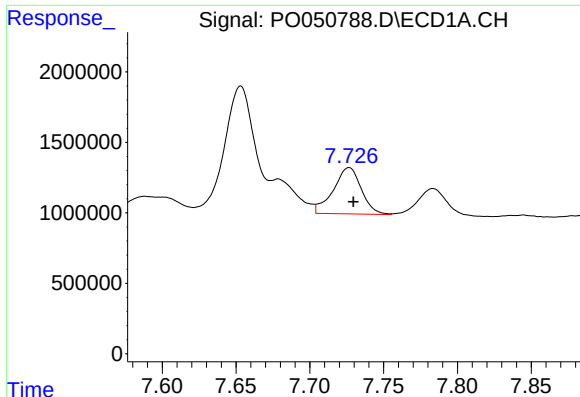
#32 AR-1260-2

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 13224158
Conc: 447.03 ng/ml



#32 AR-1260-2

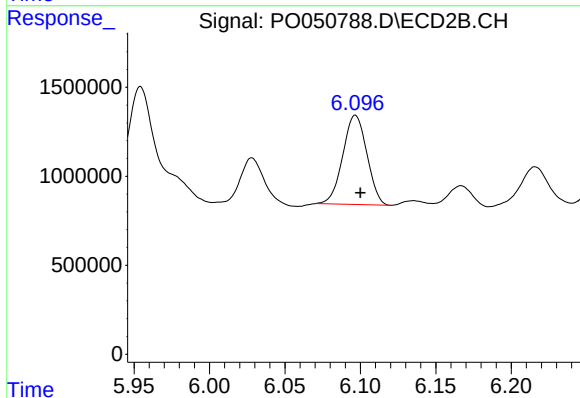
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 9348707
Conc: 325.56 ng/ml



#33 AR-1260-3

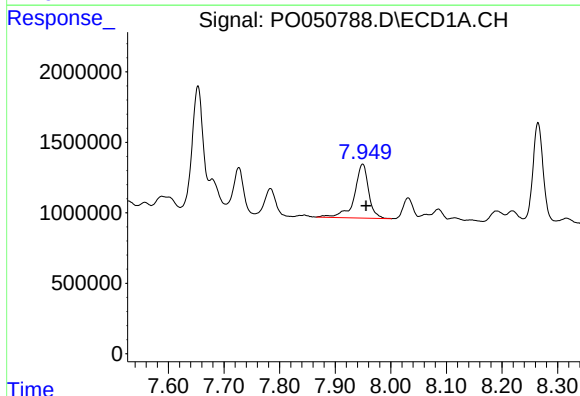
R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 4354785
Conc: 205.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



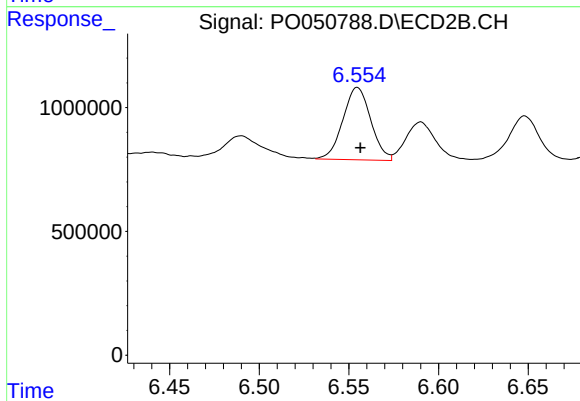
#33 AR-1260-3

R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 5582768
Conc: 226.38 ng/ml



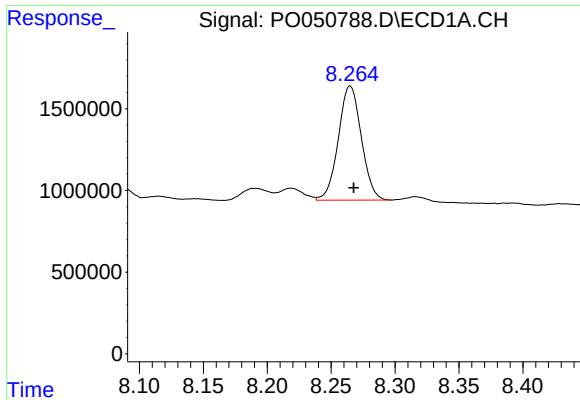
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 6805391
Conc: 297.40 ng/ml



#34 AR-1260-4

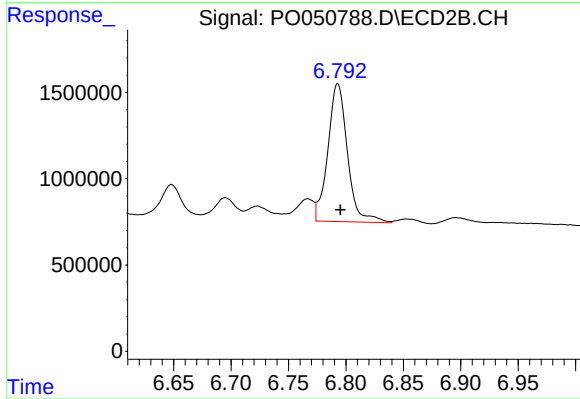
R.T.: 6.555 min
Delta R.T.: -0.002 min
Response: 3162563
Conc: 153.33 ng/ml



#35 AR-1260-5

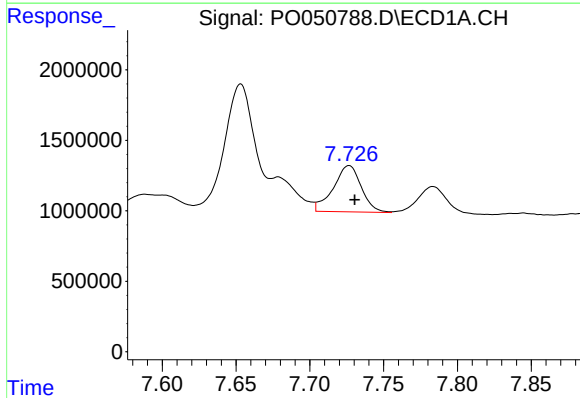
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 8762715
Conc: 198.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



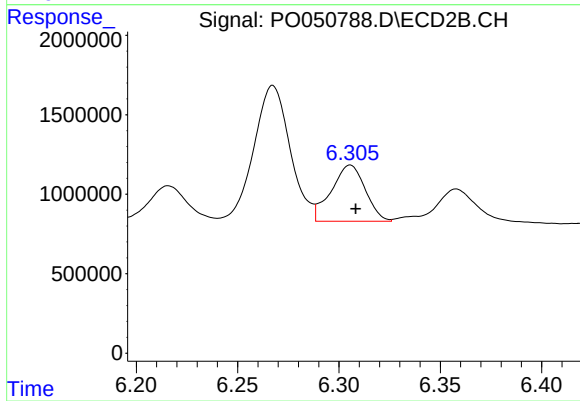
#35 AR-1260-5

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 9478709
Conc: 182.41 ng/ml



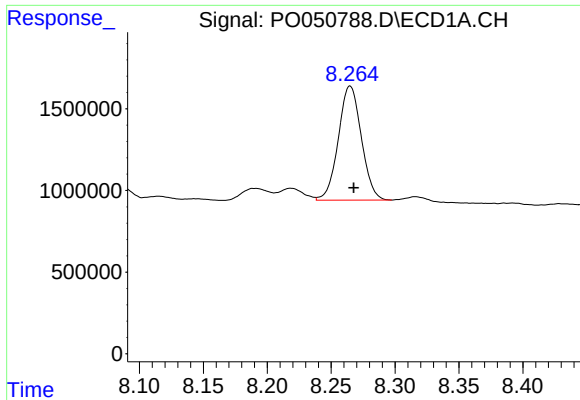
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.004 min
Response: 4354785
Conc: 176.52 ng/ml



#36 AR-1262-1

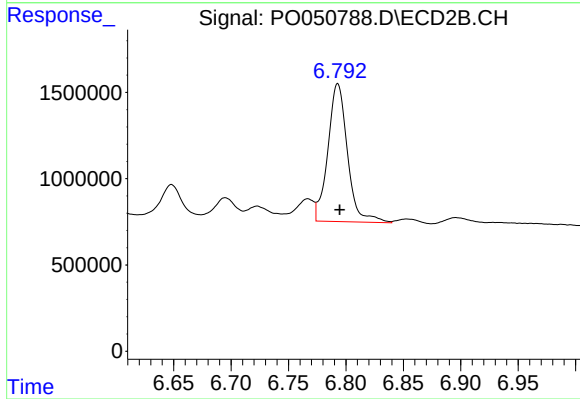
R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 4138556
Conc: 147.07 ng/ml



#37 AR-1262-2

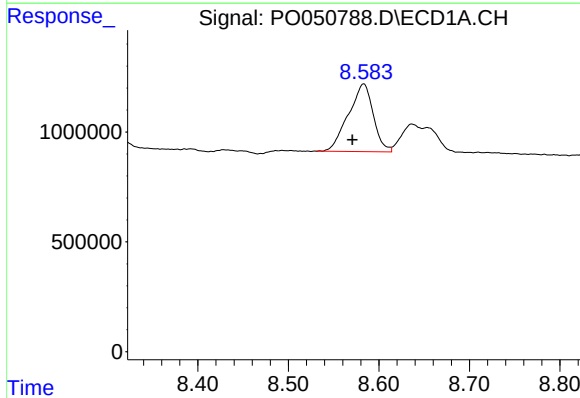
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 8762715
Conc: 223.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



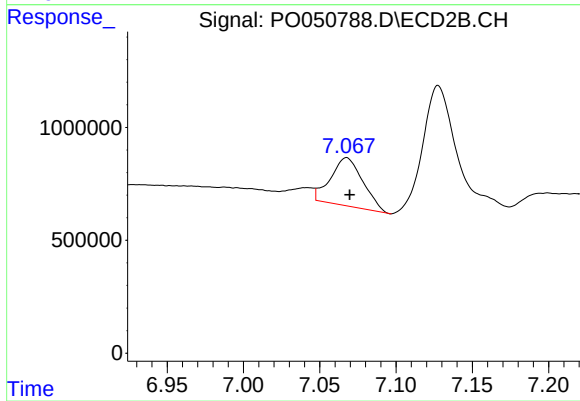
#37 AR-1262-2

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 9478709
Conc: 211.00 ng/ml



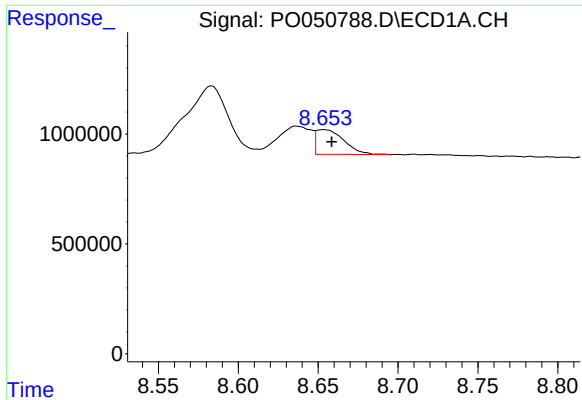
#38 AR-1262-3

R.T.: 8.583 min
Delta R.T.: 0.012 min
Response: 5892592
Conc: 233.24 ng/ml



#38 AR-1262-3

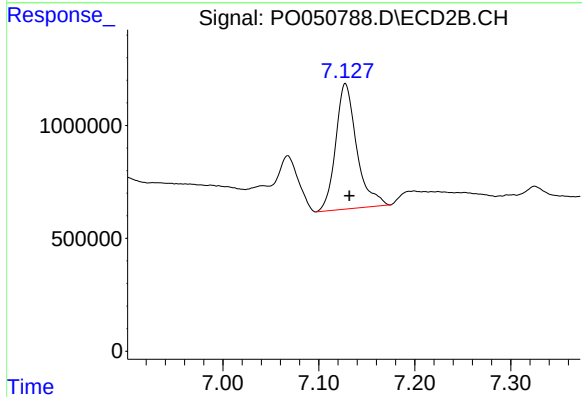
R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 3131999
Conc: 174.44 ng/ml



#39 AR-1262-4

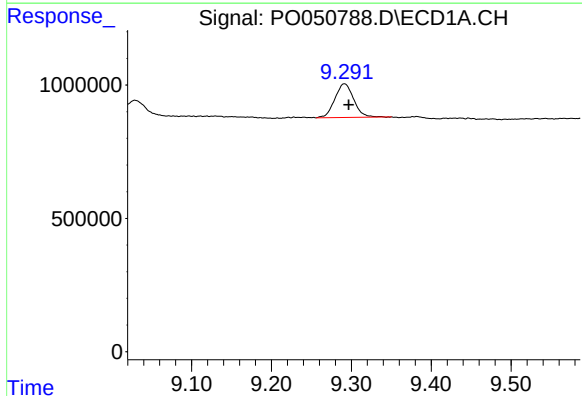
R.T.: 8.653 min
Delta R.T.: -0.005 min
Response: 1346169
Conc: 68.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



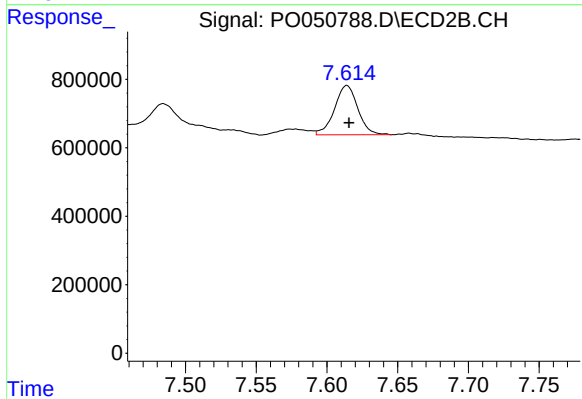
#39 AR-1262-4

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 8439612
Conc: 286.87 ng/ml



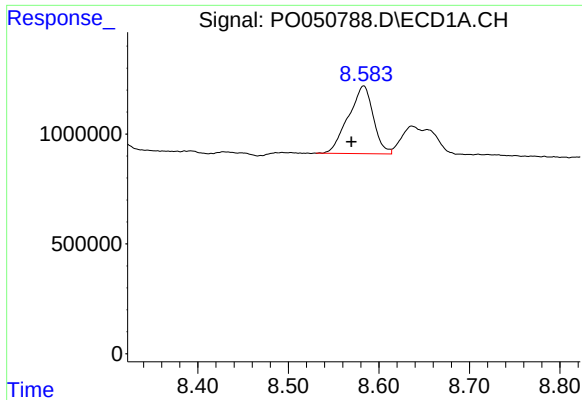
#40 AR-1262-5

R.T.: 9.291 min
Delta R.T.: -0.005 min
Response: 2063661
Conc: 171.21 ng/ml



#40 AR-1262-5

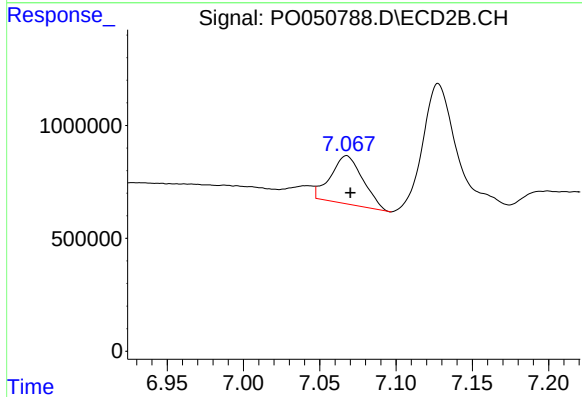
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 1648649
Conc: 142.06 ng/ml



#41 AR-1268-1

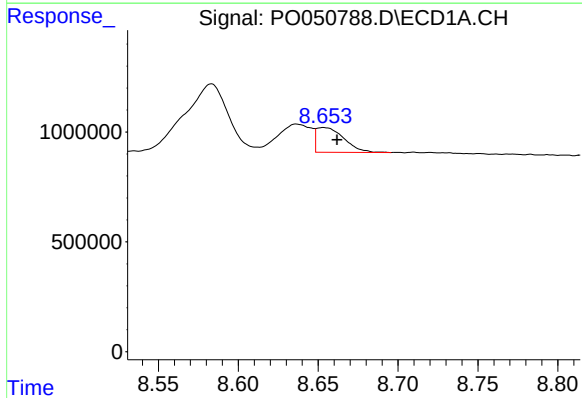
R.T.: 8.583 min
Delta R.T.: 0.013 min
Response: 5892592
Conc: 116.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



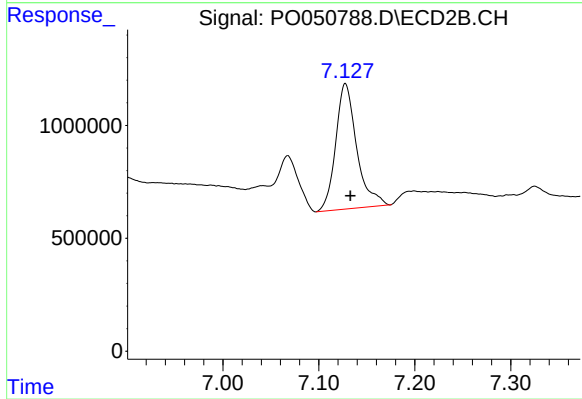
#41 AR-1268-1

R.T.: 7.068 min
Delta R.T.: -0.003 min
Response: 3131999
Conc: 56.87 ng/ml



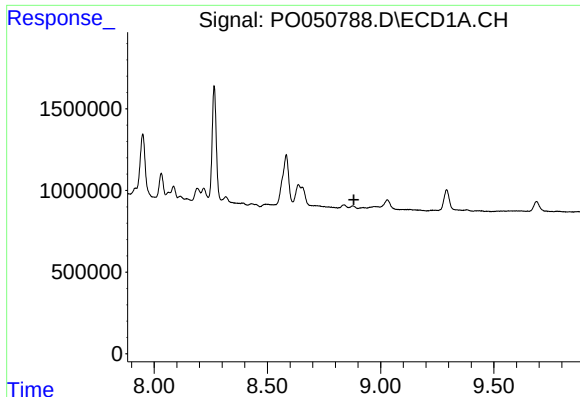
#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: -0.008 min
Response: 1346169
Conc: 29.60 ng/ml



#42 AR-1268-2

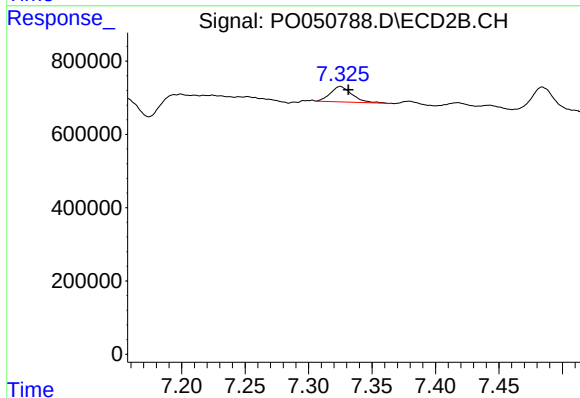
R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 8439612
Conc: 177.06 ng/ml



#43 AR-1268-3

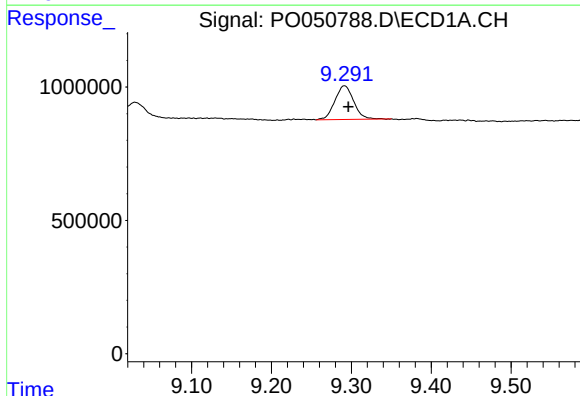
R.T.: 0.000 min
Exp R.T.: 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



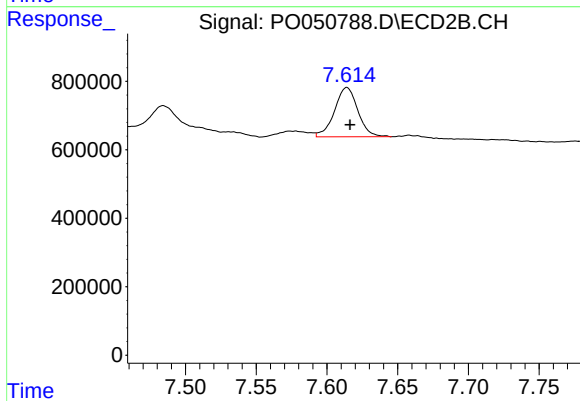
#43 AR-1268-3

R.T.: 7.325 min
Delta R.T.: -0.006 min
Response: 491327
Conc: 11.41 ng/ml



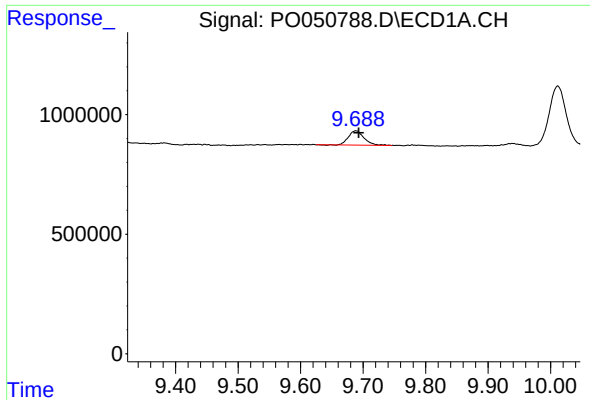
#44 AR-1268-4

R.T.: 9.291 min
Delta R.T.: -0.005 min
Response: 2063661
Conc: 145.68 ng/ml



#44 AR-1268-4

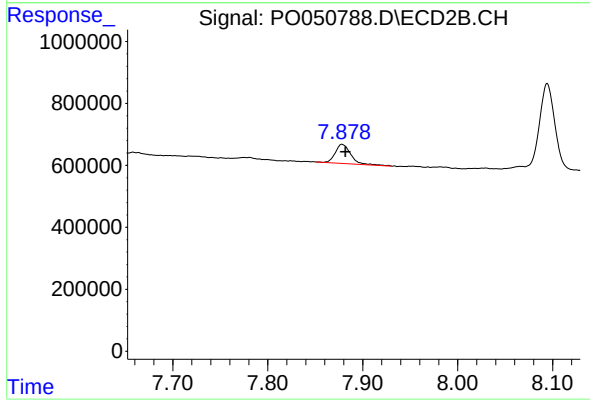
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 1648649
Conc: 118.01 ng/ml



#45 AR-1268-5

R.T.: 9.689 min
Delta R.T.: -0.004 min
Response: 1046549
Conc: 8.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.878 min
Delta R.T.: -0.004 min
Response: 696009
Conc: 6.94 ng/ml