

Data Path : P:\HPCHEM1\ECD_0\Data\P0060518\
 Data File : P0045478.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Jun 2018 19:30
 Operator : SM/UA
 Sample : PB109914BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB109914BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:23:44 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 31 04:53:22 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...	3.995	3.271	4398689	6029196	21.059	21.743
2) SA Decachlor...	9.273	7.992	3864626	4571600	16.827	16.221
Target Compounds						
3) L1 AR-1016-1	4.853	4.076	326260	455105	61.779	65.854
4) L1 AR-1016-2	5.190	4.506	437634	259042	65.584	43.931 #
5) L1 AR-1016-3	0.000	4.543	0	252493	N.D.	36.041 #
6) L1 AR-1016-4	0.000	4.706	0	781110	N.D.	104.921 #
7) L1 AR-1016-5	5.932	5.062	4407486	3439427	877.120	458.728 #
9) L2 AR-1221-2	0.000	3.621	0	260183	N.D.	69.412 #
10) L2 AR-1221-3	0.000	3.621	0	260183	N.D.	21.049 #
11) L3 AR-1232-1	0.000	3.621	0	260183	N.D.	44.807 #
12) L3 AR-1232-2	5.110	4.298	435774	1643194	132.347	130.088
13) L3 AR-1232-3	5.130	4.355	864395	601946	151.498	115.467
14) L3 AR-1232-4	5.190	4.465	437634	345440	127.878	90.624 #
15) L3 AR-1232-5	0.000	4.543	0	252493	N.D.	74.649 #
16) L4 AR-1242-1	4.669	4.076	176405	455105	44.201	81.311 #
17) L4 AR-1242-2	5.130	4.298	864395	1643194	95.150	80.307
18) L4 AR-1242-3	0.000	4.465	0	345440	N.D.	56.205 #
19) L4 AR-1242-4	0.000	4.543	0	252493	N.D.	42.207 #
20) L4 AR-1242-5	0.000	4.706	0	781110	N.D.	119.712 #
21) L5 AR-1248-1	0.000	4.706	0	781110	N.D.	73.594 #
22) L5 AR-1248-2	0.000	4.841	0	753914	N.D.	73.267 #
23) L5 AR-1248-3	5.932	5.062	4407486	3439427	508.350	213.892 #
24) L5 AR-1248-4	5.990	5.062	1070568	3439427	120.933	256.705 #
25) L5 AR-1248-5	0.000	5.572	0	1607836	N.D.	223.474 #
26) L6 AR-1254-1	6.078	5.062	1225033	3439427	88.580	185.604 #
27) L6 AR-1254-2	0.000	5.180	0	498501	N.D.	30.920 #
28) L6 AR-1254-3	6.510	5.572	832814	1607836	52.856	62.393
29) L6 AR-1254-4	6.769	5.812	-149093	850421	N.D.	42.706 #
30) L6 AR-1254-5	7.028	6.085	436240	146837	45.614	12.259 #
31) L7 AR-1260-1	6.652	5.684	674788	1890111	58.256	115.476 #
32) L7 AR-1260-2	6.902	5.875	907220	2429824	59.620	115.008 #
33) L7 AR-1260-3	7.252	6.215	692631	1072063	54.557	56.641
34) L7 AR-1260-4	7.773	6.711	1318760	1973661	46.421	50.130
35) L7 AR-1260-5	8.057	7.042	734081	1932448	43.880	70.210 #
36) L8 AR-1262-1	6.652	5.875	674788	2429824	61.982	128.362 #
37) L8 AR-1262-2	6.902	6.013	907220	975904	65.954	53.179
38) L8 AR-1262-3	7.178	6.215	1068647	1072063	83.862	34.962 #
39) L8 AR-1262-4	7.473	6.466	661632	839957	38.519	33.334

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Acq On : 04 Jun 2018 19:30
Operator : SM/UA
Sample : PB109914BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

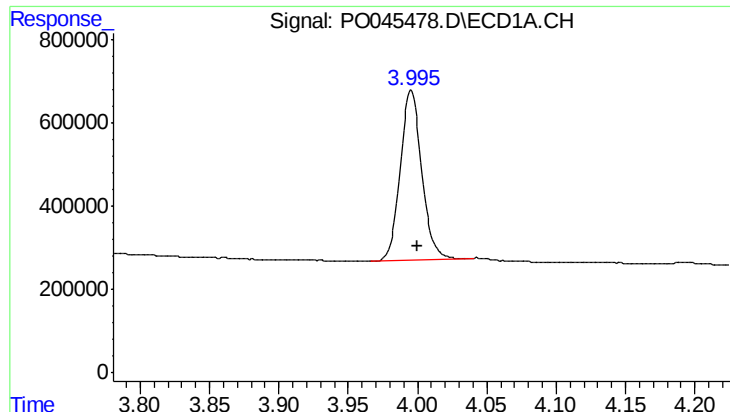
Instrument :
ECD_O
ClientSampleId :
PB109914BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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
40) L8	AR-1262-5	7.773	6.711	1318760	1973661	35.686	36.220
41) L9	AR-1268-1	8.057	6.976	734081	478501	19.273	8.672 #
42) L9	AR-1268-2	0.000	7.042	0	1932448	N.D.	37.845 #
44) L9	AR-1268-4	0.000	7.532	0	421319	N.D.	24.208 #

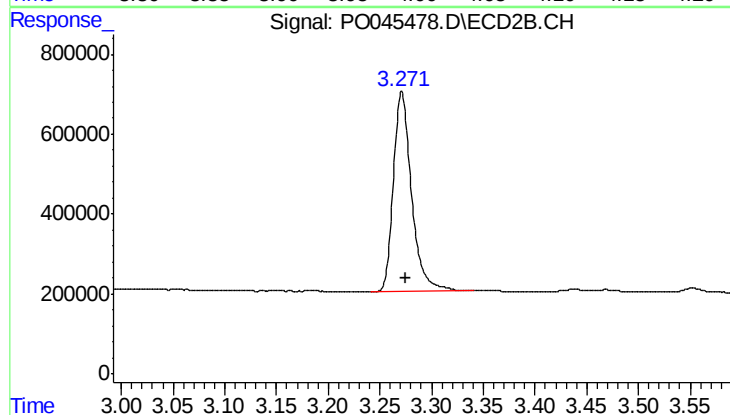
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

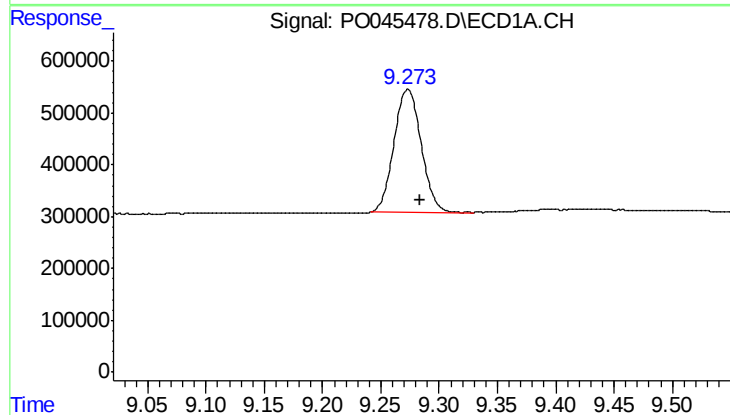
R.T.: 3.995 min
Delta R.T.: -0.005 min
Response: 4398689
Conc: 21.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



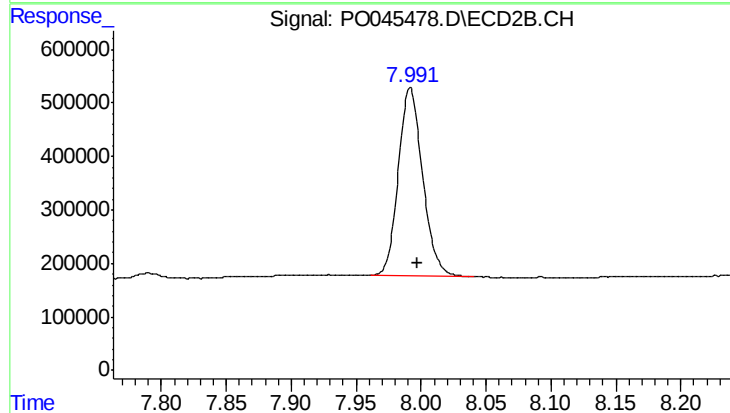
#1 Tetrachloro-m-xylene

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 6029196
Conc: 21.74 ng/ml



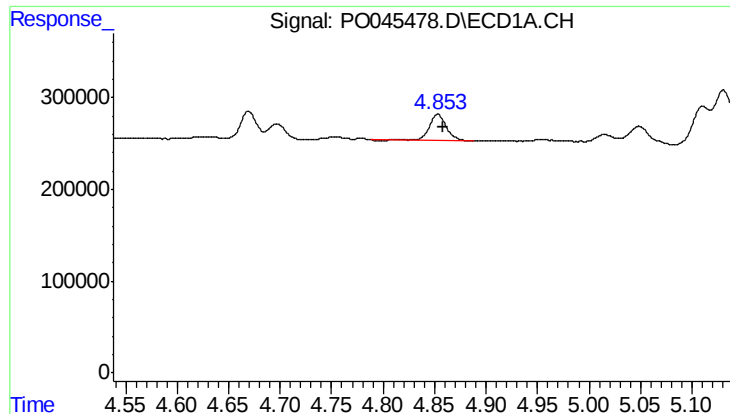
#2 Decachlorobiphenyl

R.T.: 9.273 min
Delta R.T.: -0.010 min
Response: 3864626
Conc: 16.83 ng/ml



#2 Decachlorobiphenyl

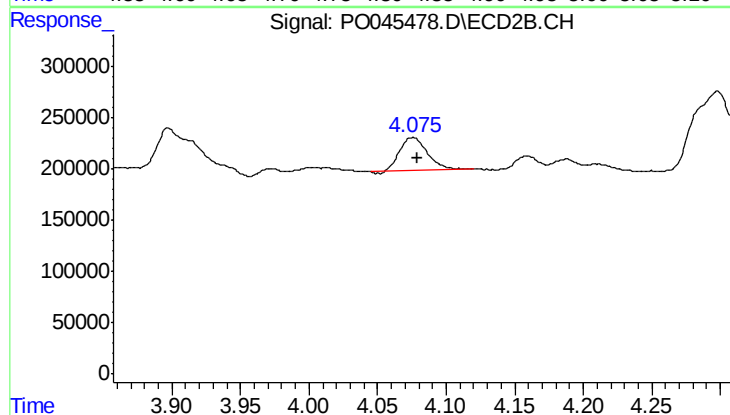
R.T.: 7.992 min
Delta R.T.: -0.006 min
Response: 4571600
Conc: 16.22 ng/ml



#3 AR-1016-1

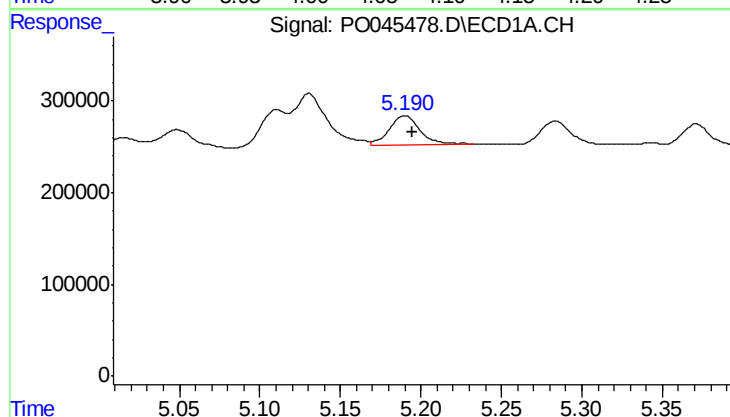
R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 326260
Conc: 61.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



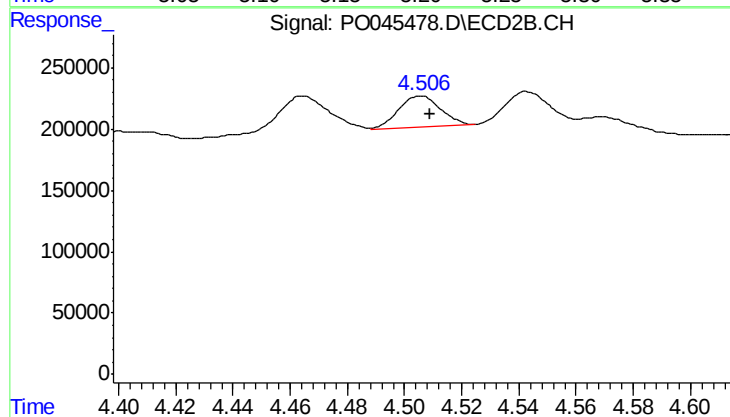
#3 AR-1016-1

R.T.: 4.076 min
Delta R.T.: -0.004 min
Response: 455105
Conc: 65.85 ng/ml



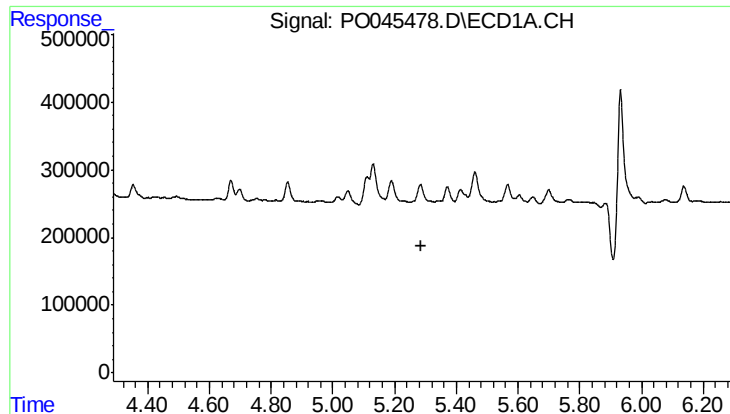
#4 AR-1016-2

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 437634
Conc: 65.58 ng/ml



#4 AR-1016-2

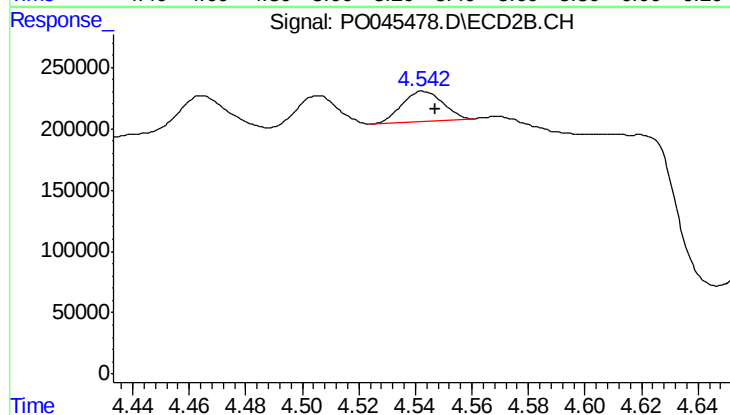
R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 259042
Conc: 43.93 ng/ml



#5 AR-1016-3

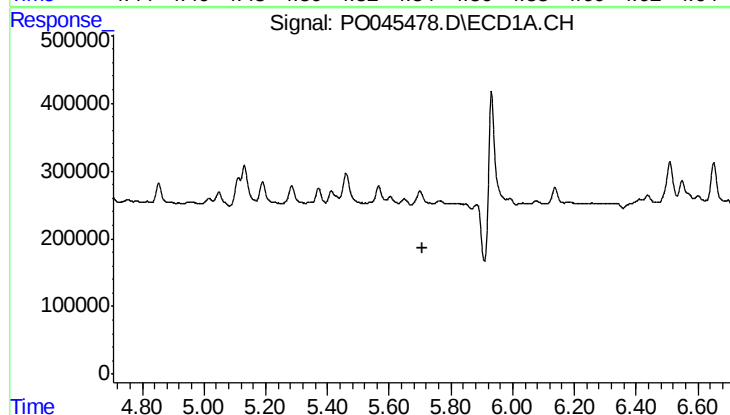
R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



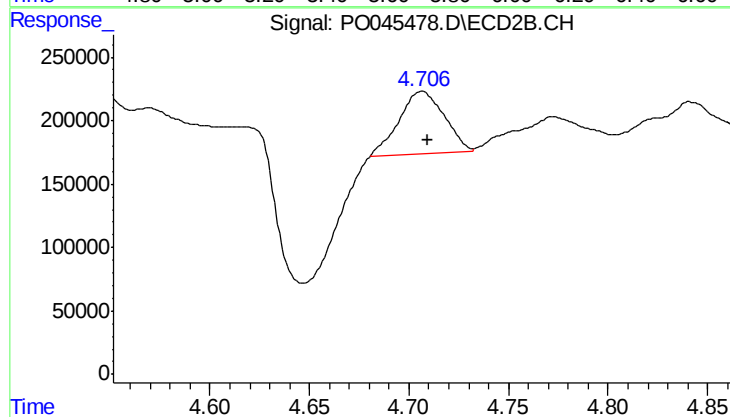
#5 AR-1016-3

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 252493
Conc: 36.04 ng/ml



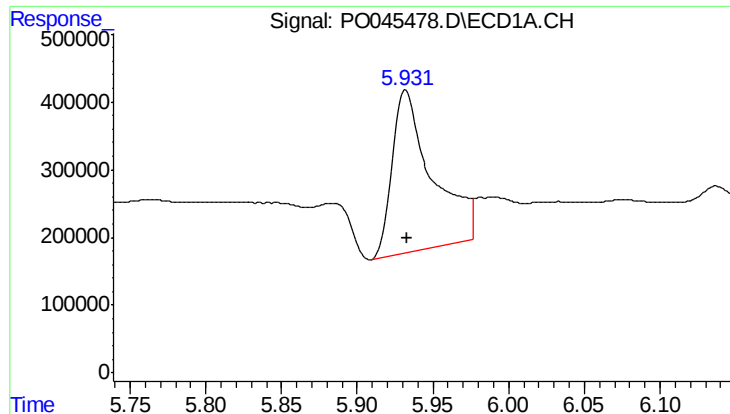
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.



#6 AR-1016-4

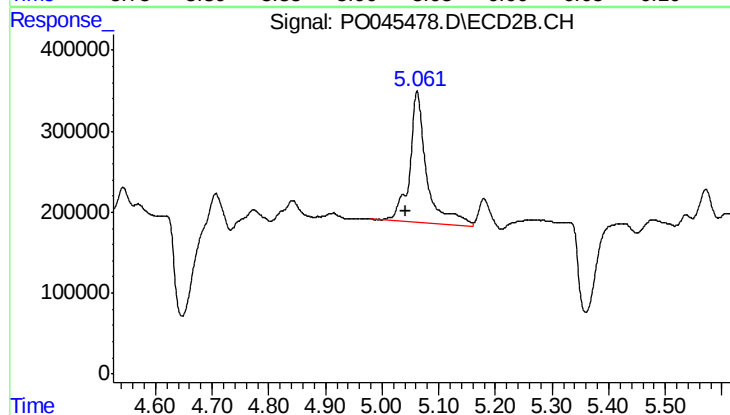
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 781110
Conc: 104.92 ng/ml



#7 AR-1016-5

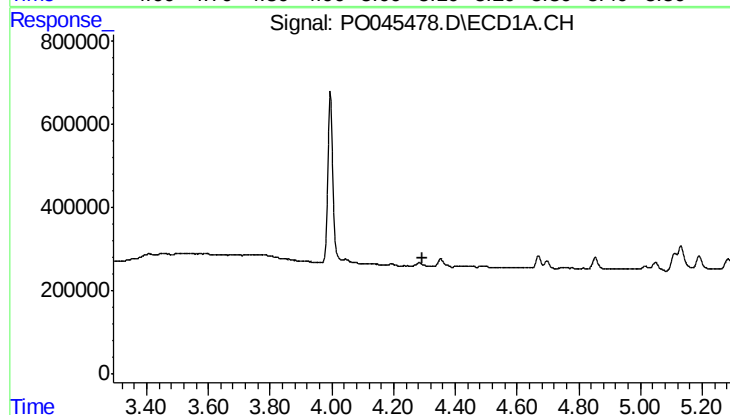
R.T.: 5.932 min
Delta R.T.: -0.001 min
Response: 4407486
Conc: 877.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



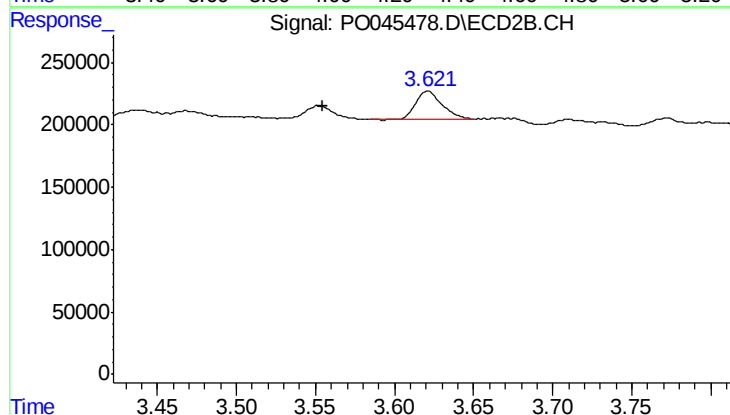
#7 AR-1016-5

R.T.: 5.062 min
Delta R.T.: 0.020 min
Response: 3439427
Conc: 458.73 ng/ml



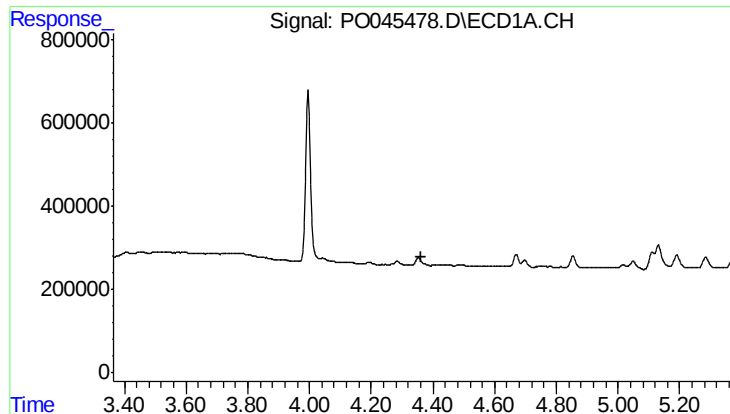
#9 AR-1221-2

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



#9 AR-1221-2

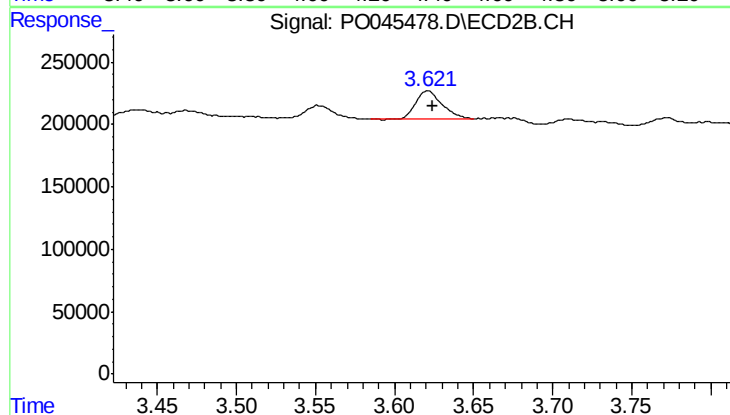
R.T.: 3.621 min
Delta R.T.: 0.066 min
Response: 260183
Conc: 69.41 ng/ml



#10 AR-1221-3

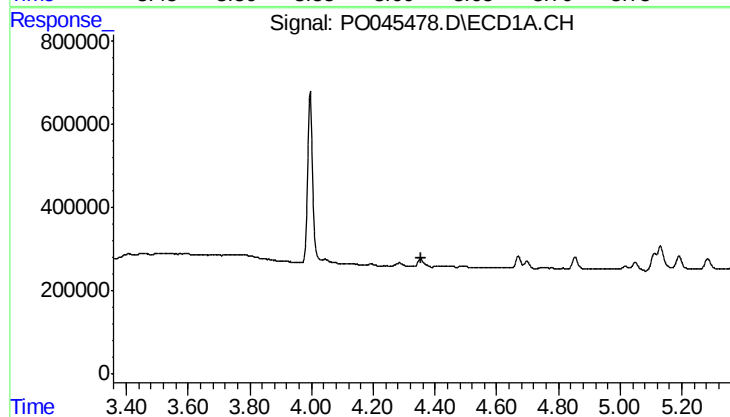
R.T.: 0.000 min
Exp R.T.: 4.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



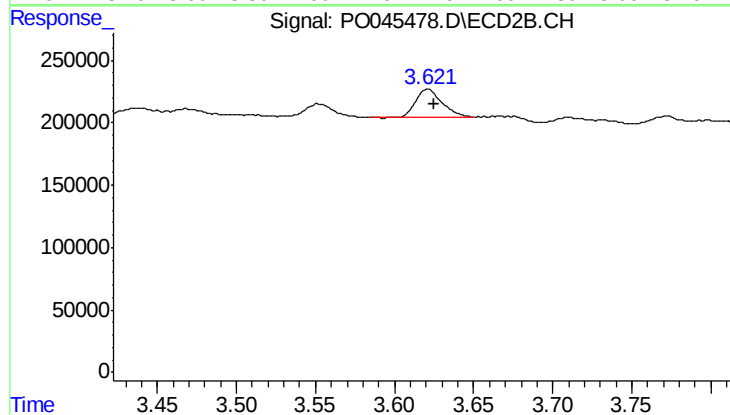
#10 AR-1221-3

R.T.: 3.621 min
Delta R.T.: -0.003 min
Response: 260183
Conc: 21.05 ng/ml



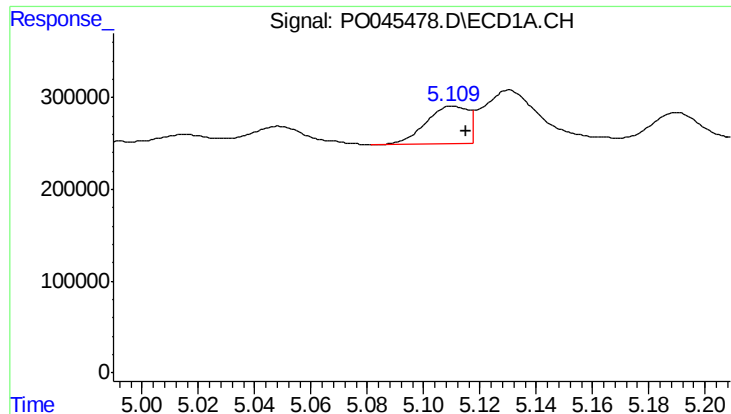
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.



#11 AR-1232-1

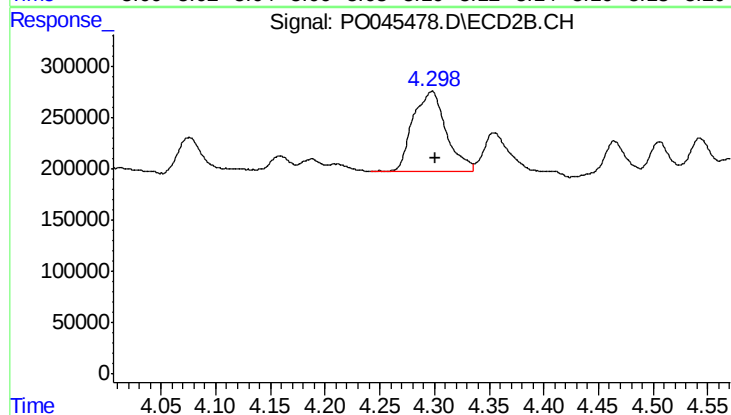
R.T.: 3.621 min
Delta R.T.: -0.003 min
Response: 260183
Conc: 44.81 ng/ml



#12 AR-1232-2

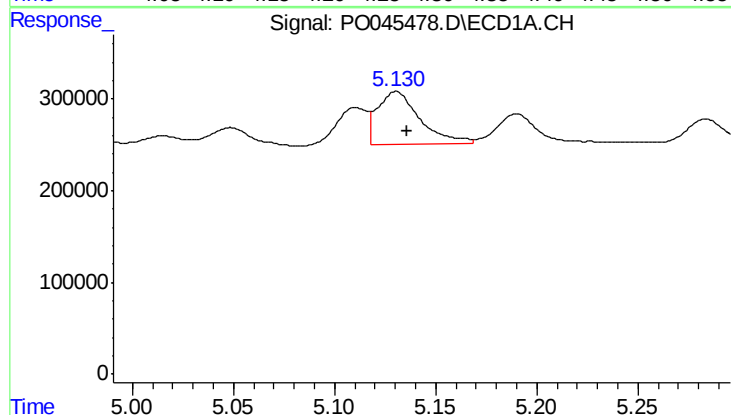
R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 435774
Conc: 132.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



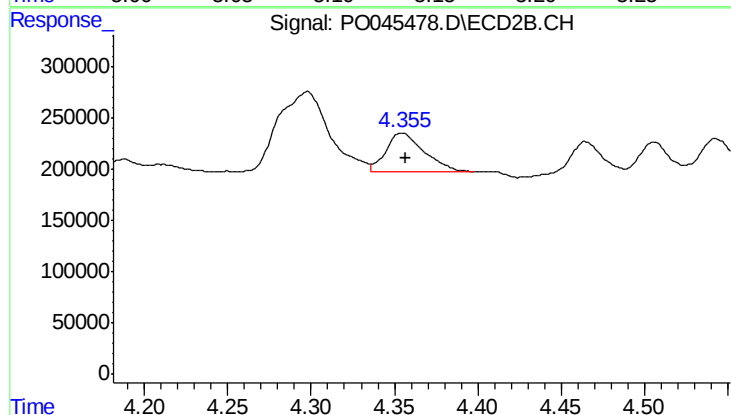
#12 AR-1232-2

R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 1643194
Conc: 130.09 ng/ml



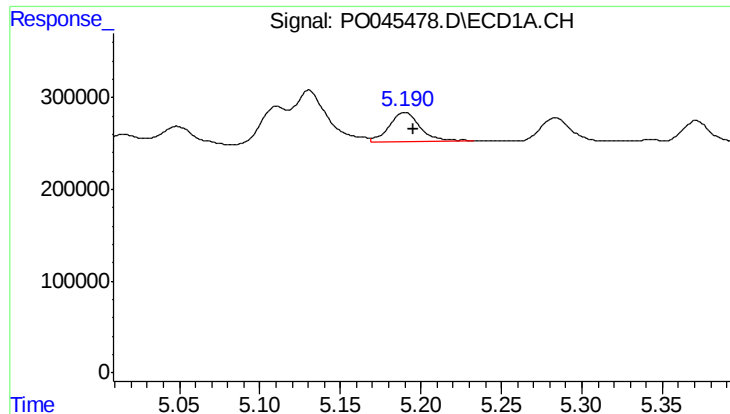
#13 AR-1232-3

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 864395
Conc: 151.50 ng/ml



#13 AR-1232-3

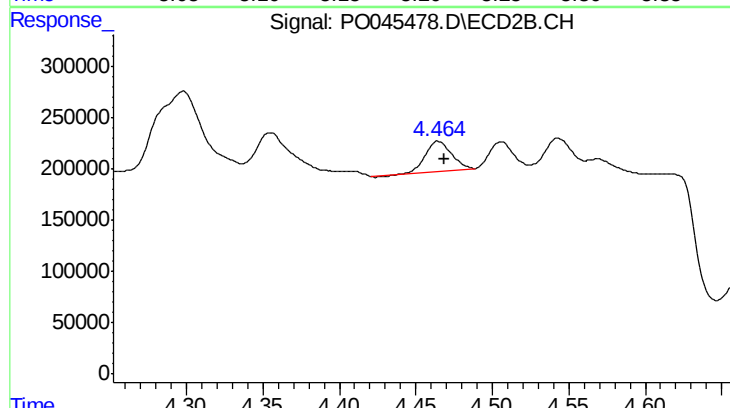
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 601946
Conc: 115.47 ng/ml



#14 AR-1232-4

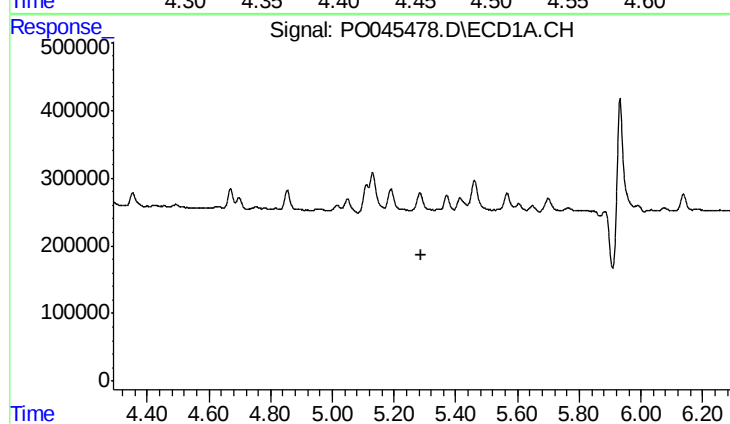
R.T.: 5.190 min
Delta R.T.: -0.006 min
Response: 437634
Conc: 127.88 ng/ml

Instrument :
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ClientSampleId :
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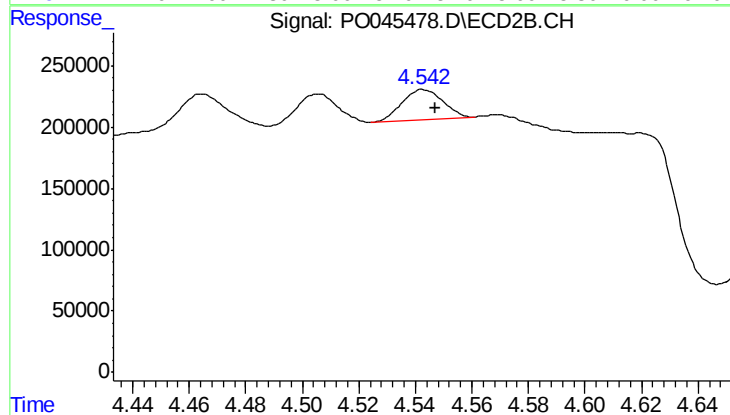
#14 AR-1232-4

R.T.: 4.465 min
Delta R.T.: -0.004 min
Response: 345440
Conc: 90.62 ng/ml



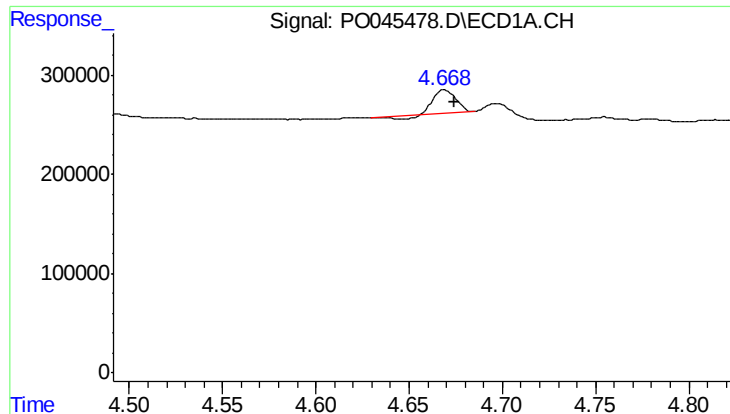
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.



#15 AR-1232-5

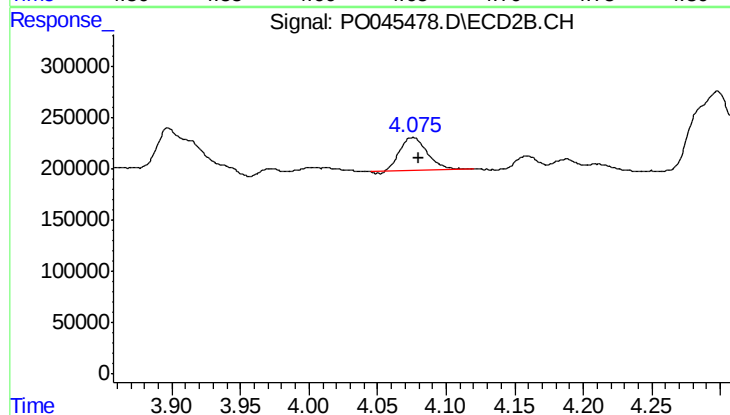
R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 252493
Conc: 74.65 ng/ml



#16 AR-1242-1

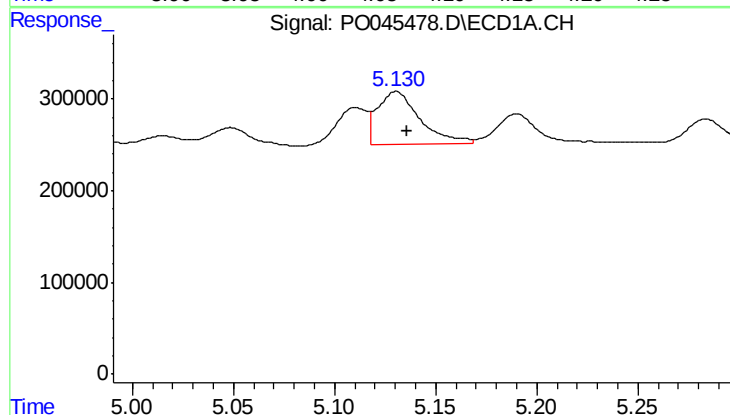
R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 176405
Conc: 44.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



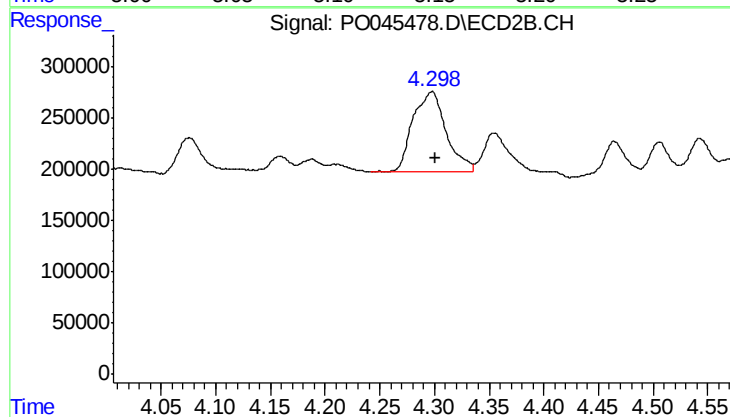
#16 AR-1242-1

R.T.: 4.076 min
Delta R.T.: -0.004 min
Response: 455105
Conc: 81.31 ng/ml



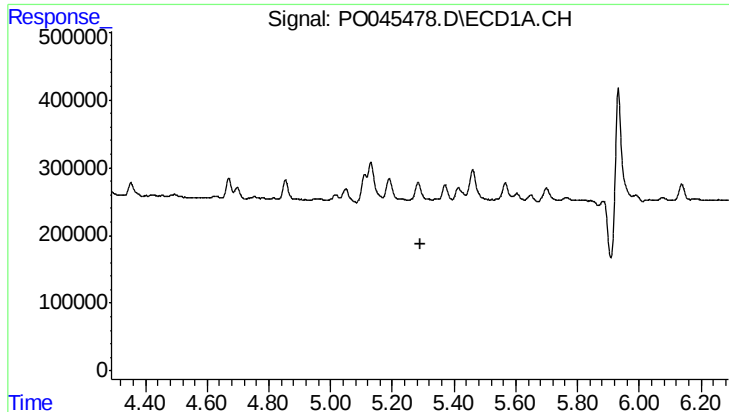
#17 AR-1242-2

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 864395
Conc: 95.15 ng/ml



#17 AR-1242-2

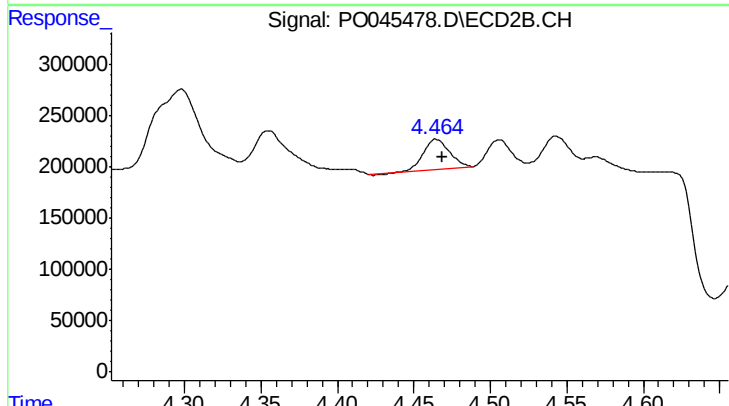
R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 1643194
Conc: 80.31 ng/ml



#18 AR-1242-3

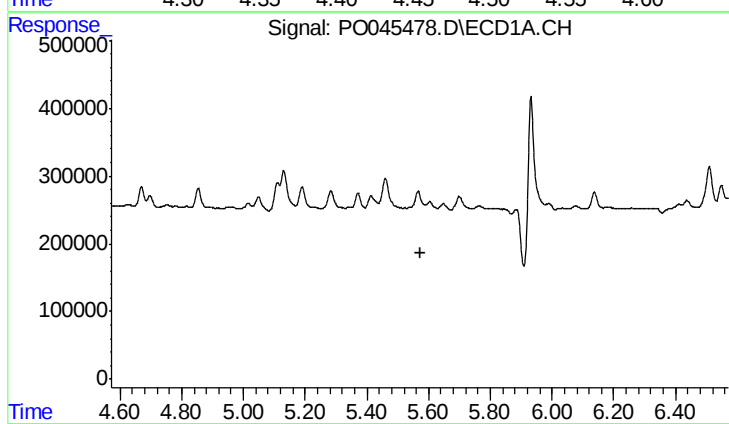
R.T.: 0.000 min
Exp R.T.: 5.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
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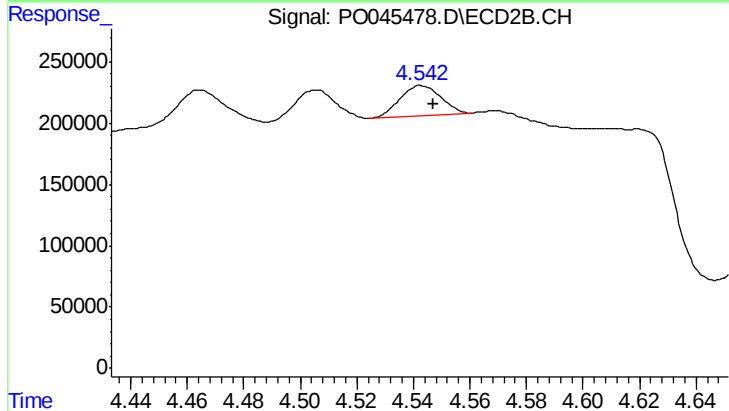
#18 AR-1242-3

R.T.: 4.465 min
Delta R.T.: -0.004 min
Response: 345440
Conc: 56.20 ng/ml



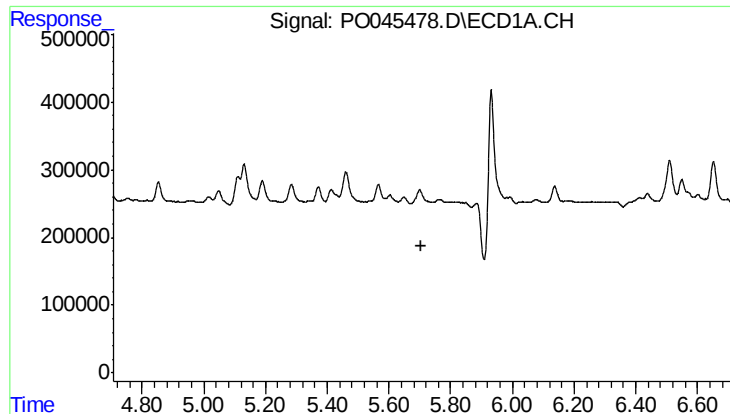
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.572 min
Response: 0
Conc: N.D.



#19 AR-1242-4

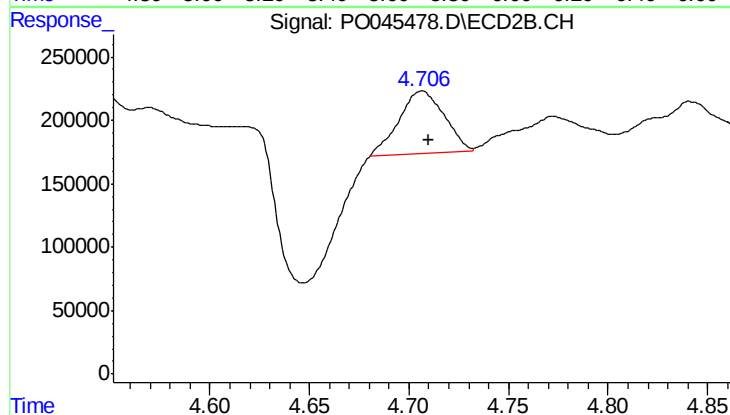
R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 252493
Conc: 42.21 ng/ml



#20 AR-1242-5

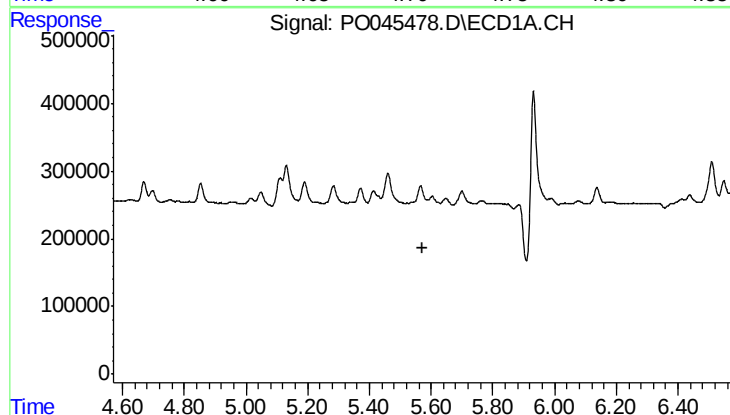
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



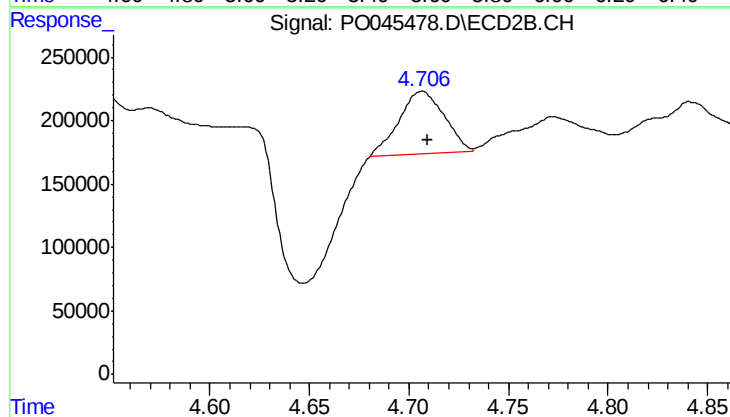
#20 AR-1242-5

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 781110
Conc: 119.71 ng/ml



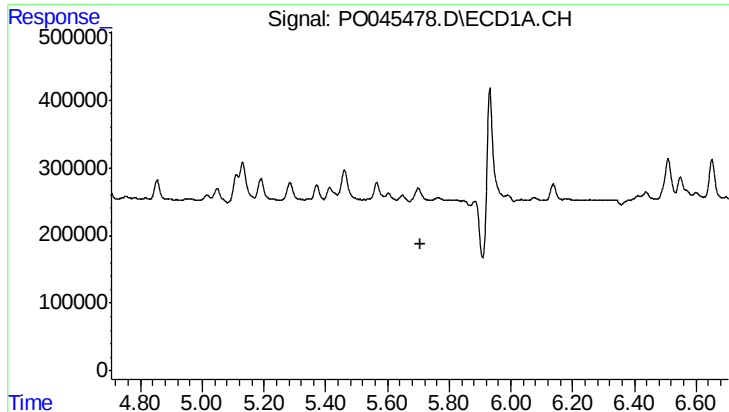
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.570 min
Response: 0
Conc: N.D.



#21 AR-1248-1

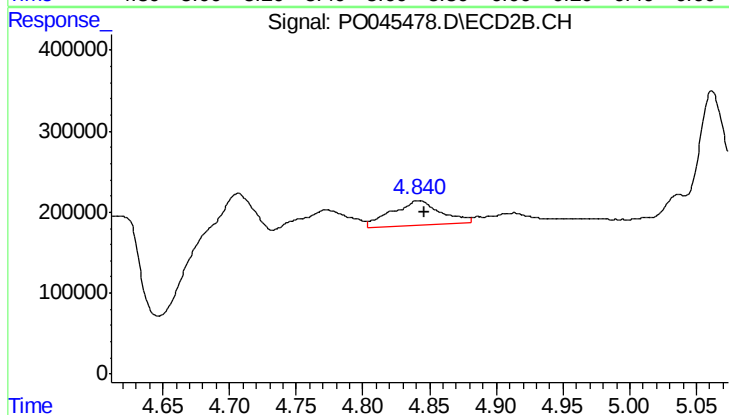
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 781110
Conc: 73.59 ng/ml



#22 AR-1248-2

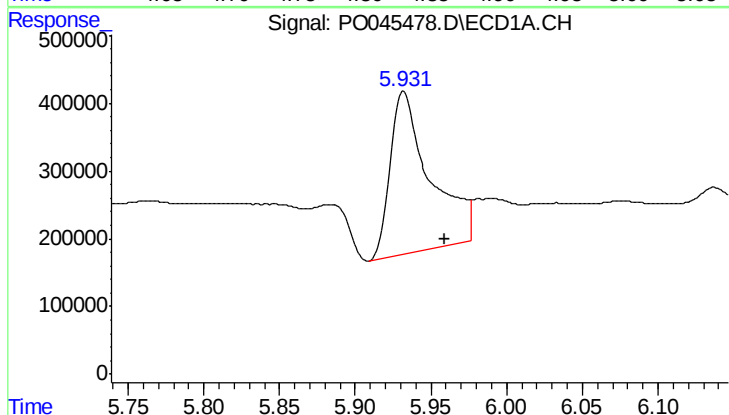
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



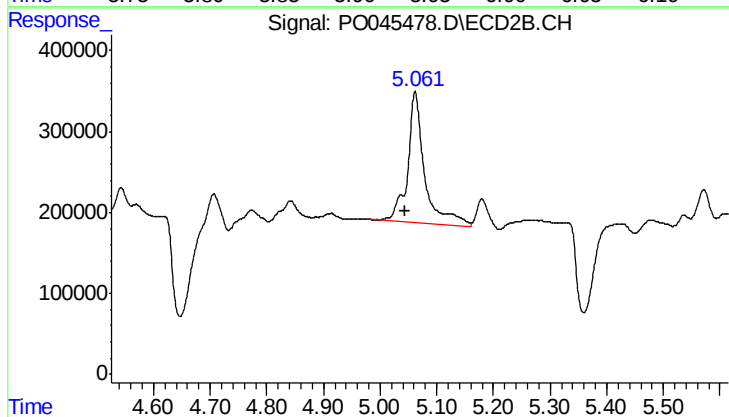
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 753914
Conc: 73.27 ng/ml



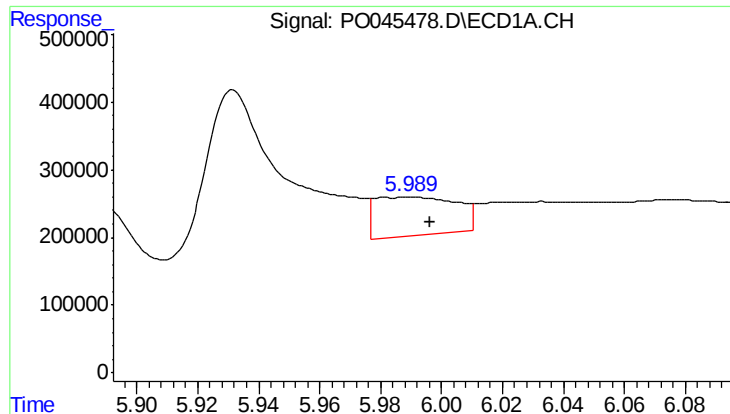
#23 AR-1248-3

R.T.: 5.932 min
Delta R.T.: -0.028 min
Response: 4407486
Conc: 508.35 ng/ml



#23 AR-1248-3

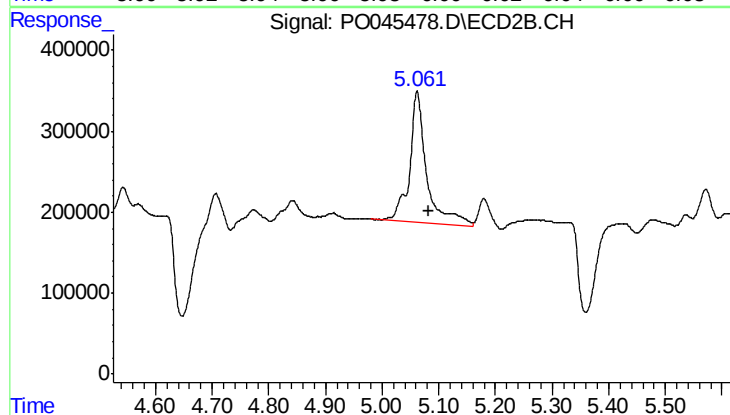
R.T.: 5.062 min
Delta R.T.: 0.018 min
Response: 3439427
Conc: 213.89 ng/ml



#24 AR-1248-4

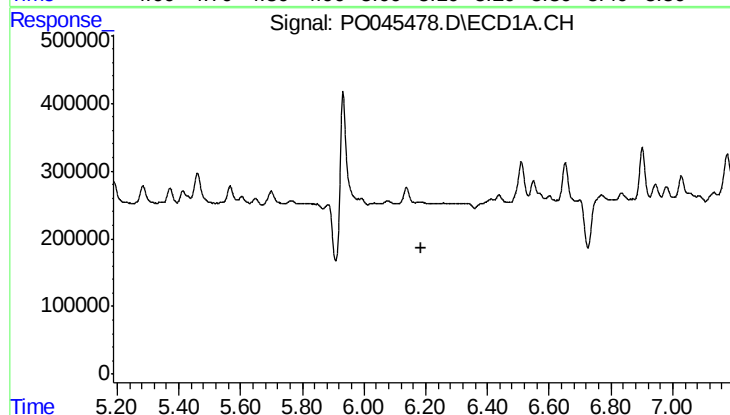
R.T.: 5.990 min
Delta R.T.: -0.006 min
Response: 1070568
Conc: 120.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



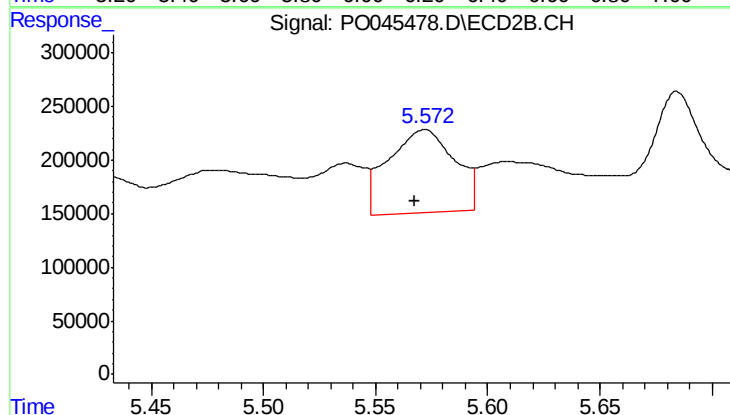
#24 AR-1248-4

R.T.: 5.062 min
Delta R.T.: -0.020 min
Response: 3439427
Conc: 256.70 ng/ml



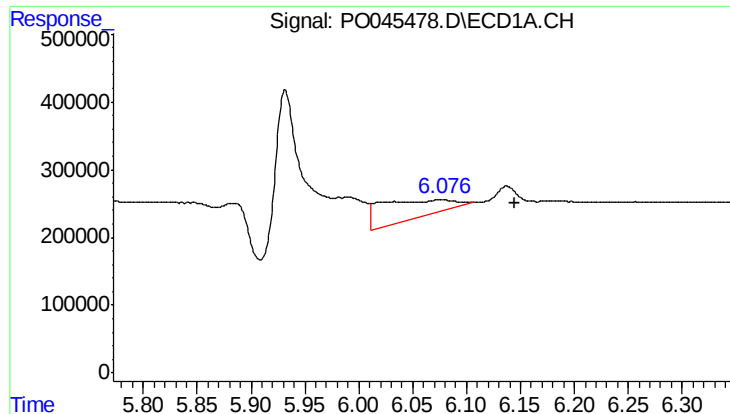
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.188 min
Response: 0
Conc: N.D.



#25 AR-1248-5

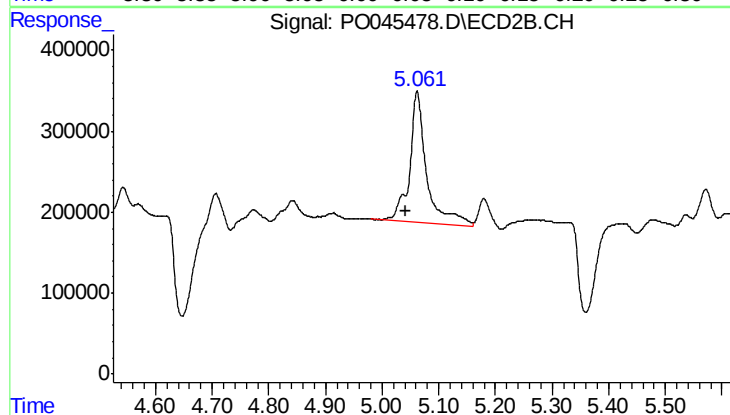
R.T.: 5.572 min
Delta R.T.: 0.004 min
Response: 1607836
Conc: 223.47 ng/ml



#26 AR-1254-1

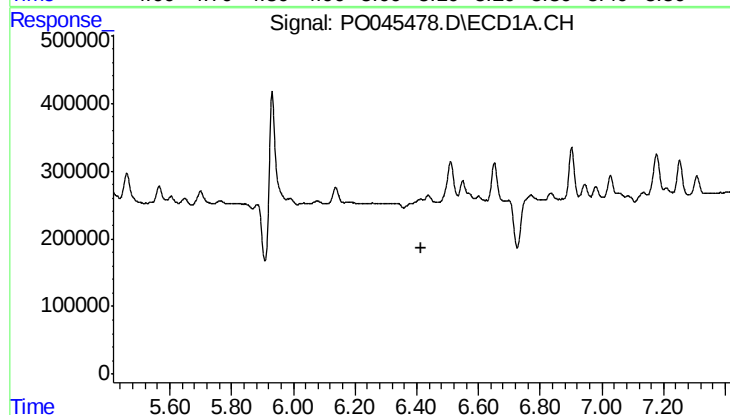
R.T.: 6.078 min
Delta R.T.: -0.067 min
Response: 1225033
Conc: 88.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



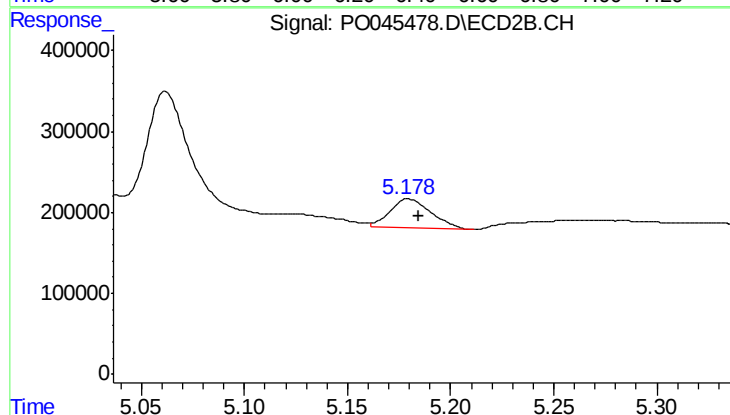
#26 AR-1254-1

R.T.: 5.062 min
Delta R.T.: 0.020 min
Response: 3439427
Conc: 185.60 ng/ml



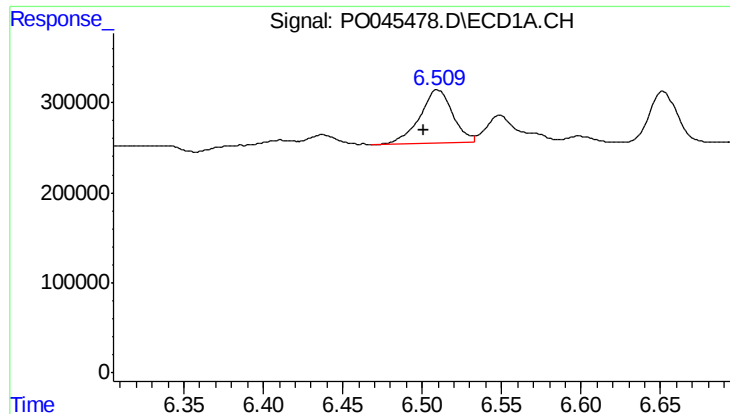
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.



#27 AR-1254-2

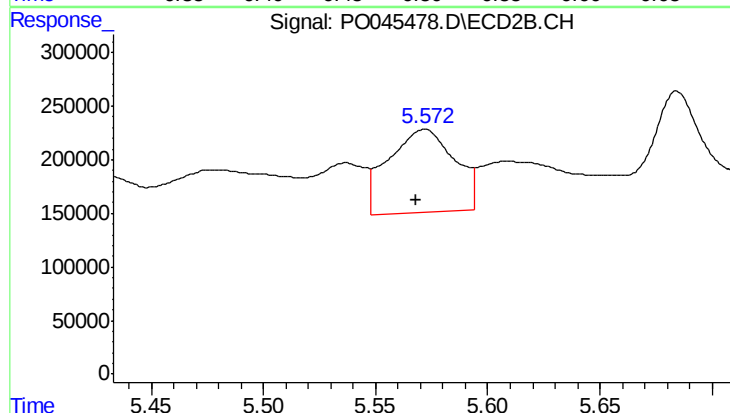
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 498501
Conc: 30.92 ng/ml



#28 AR-1254-3

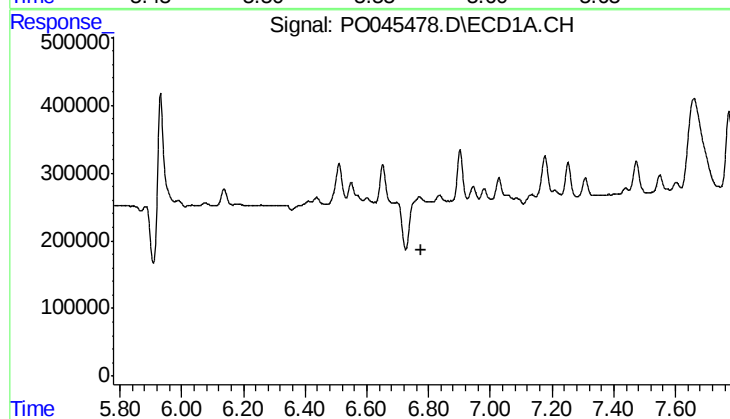
R.T.: 6.510 min
Delta R.T.: 0.008 min
Response: 832814
Conc: 52.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



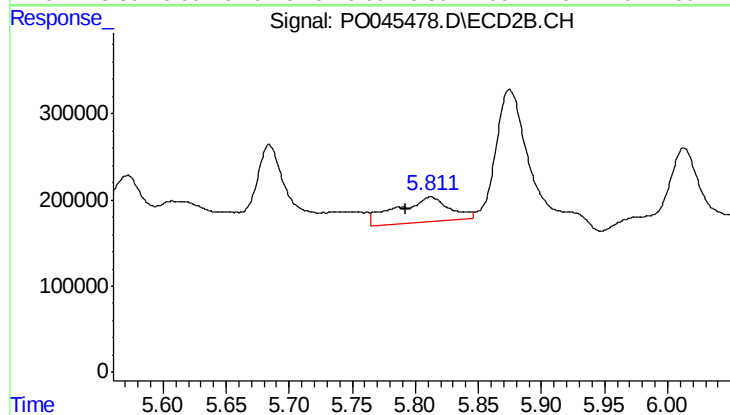
#28 AR-1254-3

R.T.: 5.572 min
Delta R.T.: 0.004 min
Response: 1607836
Conc: 62.39 ng/ml



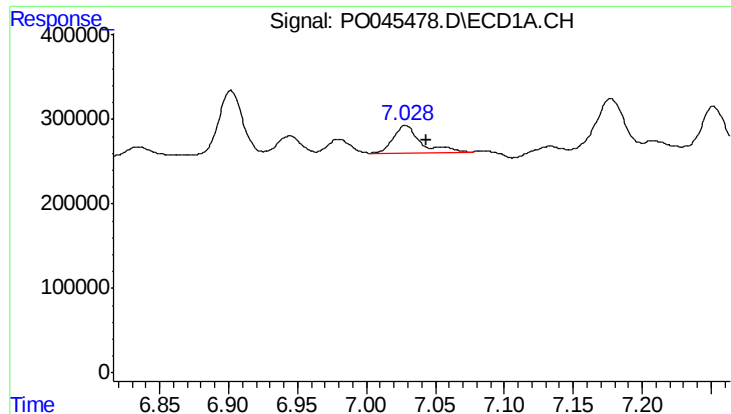
#29 AR-1254-4

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: -149093
Conc: N.D.



#29 AR-1254-4

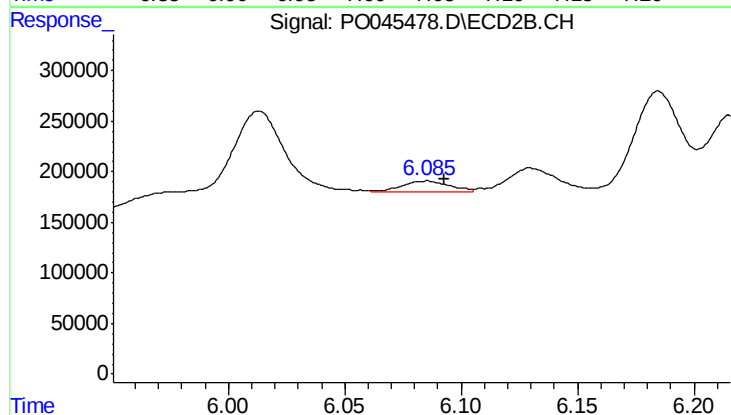
R.T.: 5.812 min
Delta R.T.: 0.020 min
Response: 850421
Conc: 42.71 ng/ml



#30 AR-1254-5

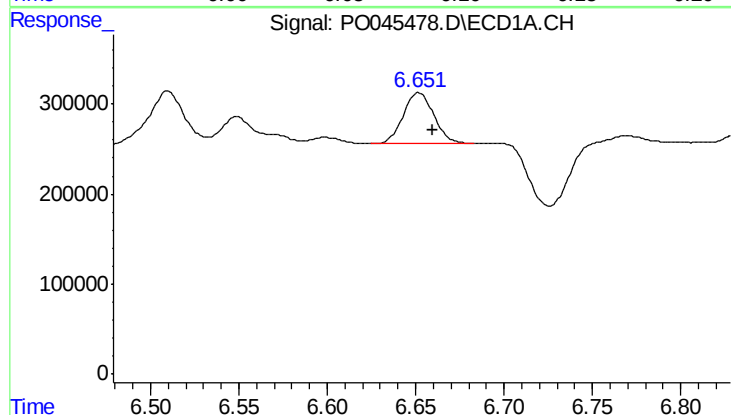
R.T.: 7.028 min
Delta R.T.: -0.015 min
Response: 436240
Conc: 45.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



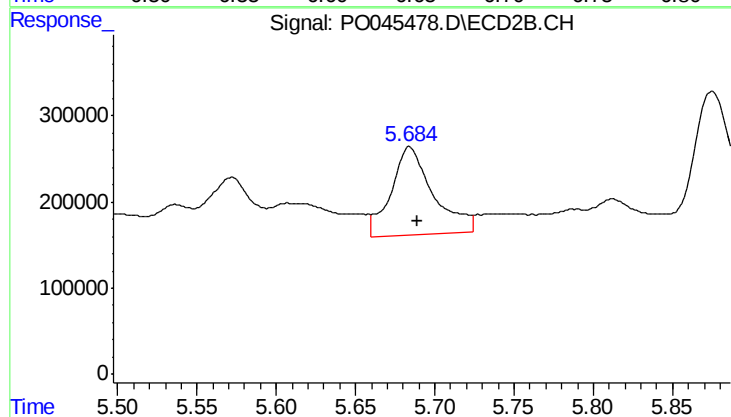
#30 AR-1254-5

R.T.: 6.085 min
Delta R.T.: -0.008 min
Response: 146837
Conc: 12.26 ng/ml



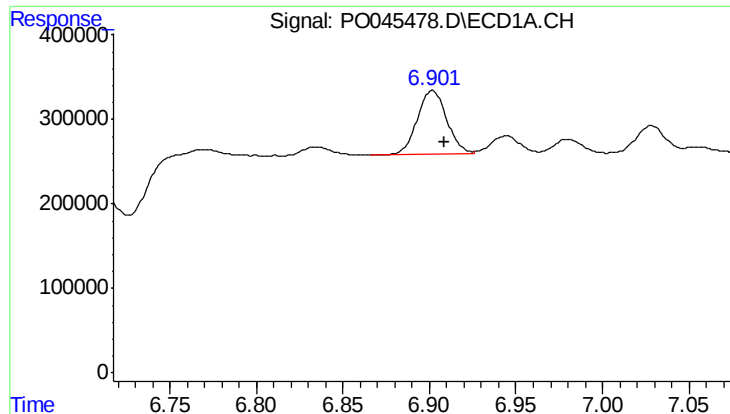
#31 AR-1260-1

R.T.: 6.652 min
Delta R.T.: -0.008 min
Response: 674788
Conc: 58.26 ng/ml



#31 AR-1260-1

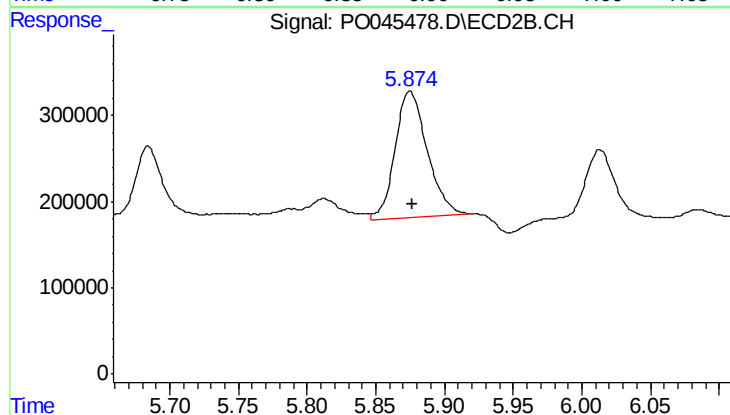
R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 1890111
Conc: 115.48 ng/ml



#32 AR-1260-2

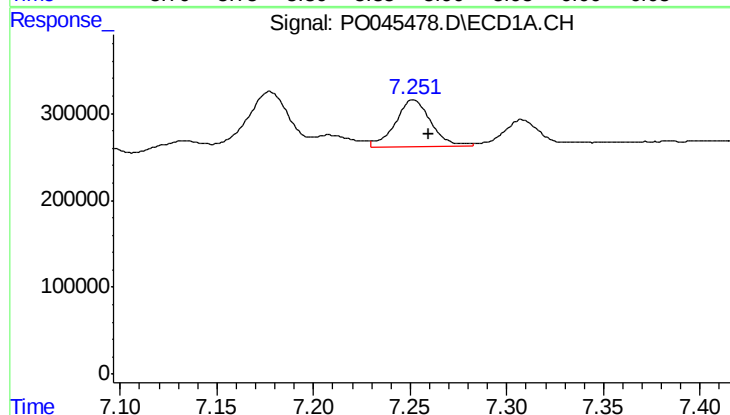
R.T.: 6.902 min
Delta R.T.: -0.007 min
Response: 907220
Conc: 59.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



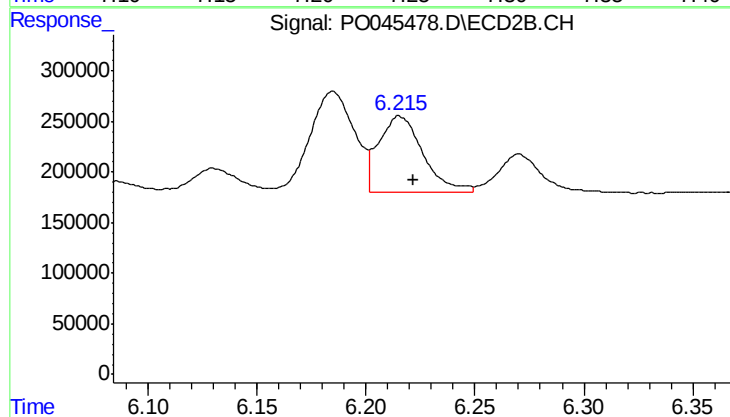
#32 AR-1260-2

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 2429824
Conc: 115.01 ng/ml



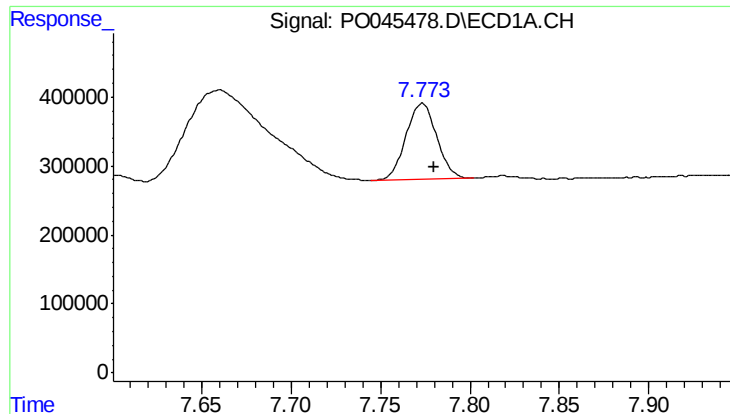
#33 AR-1260-3

R.T.: 7.252 min
Delta R.T.: -0.008 min
Response: 692631
Conc: 54.56 ng/ml



#33 AR-1260-3

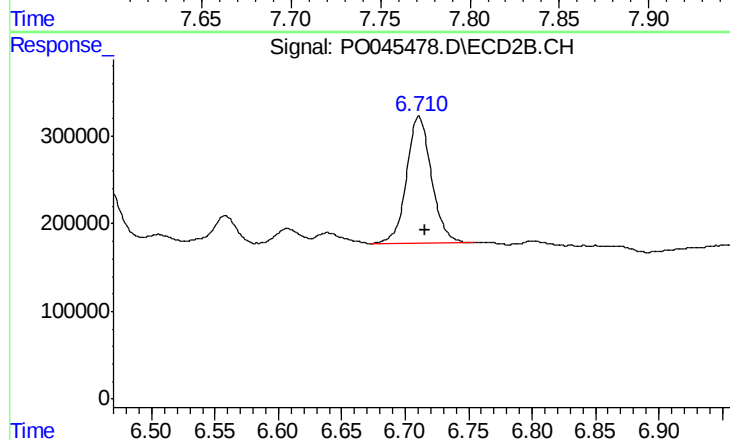
R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 1072063
Conc: 56.64 ng/ml



#34 AR-1260-4

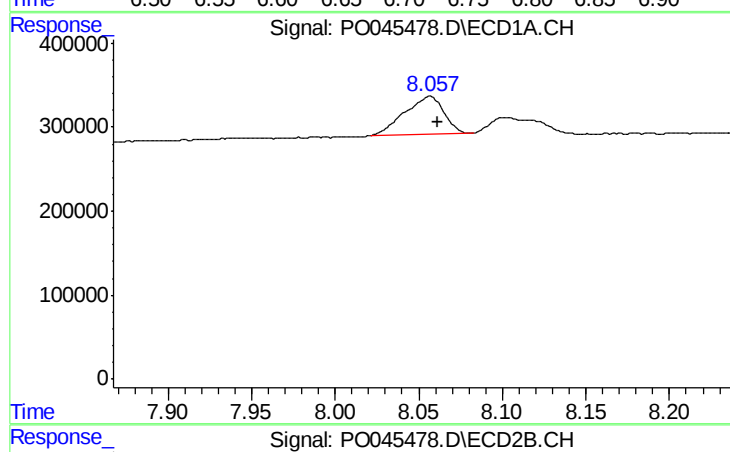
R.T.: 7.773 min
Delta R.T.: -0.006 min
Response: 1318760
Conc: 46.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



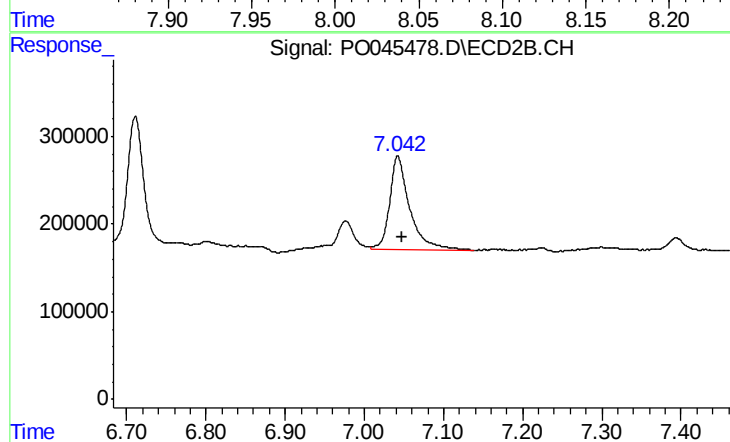
#34 AR-1260-4

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 1973661
Conc: 50.13 ng/ml



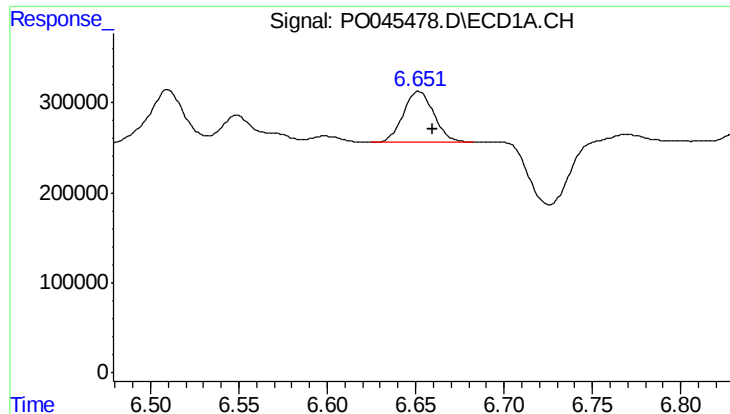
#35 AR-1260-5

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 734081
Conc: 43.88 ng/ml



#35 AR-1260-5

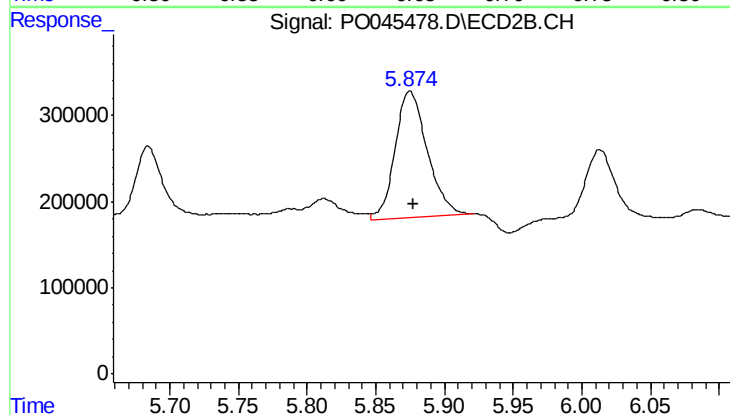
R.T.: 7.042 min
Delta R.T.: -0.006 min
Response: 1932448
Conc: 70.21 ng/ml



#36 AR-1262-1

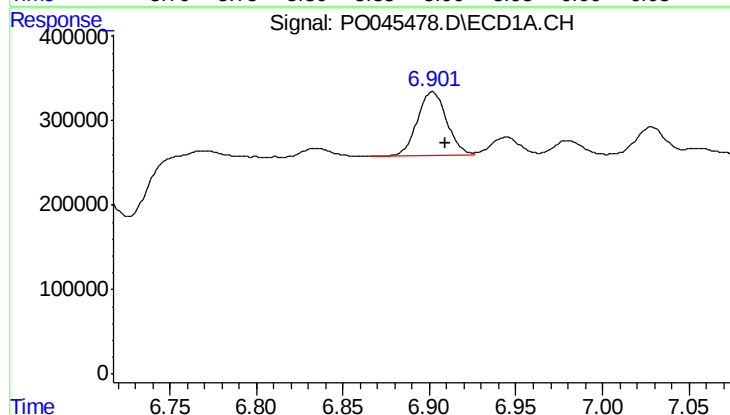
R.T.: 6.652 min
Delta R.T.: -0.008 min
Response: 674788
Conc: 61.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



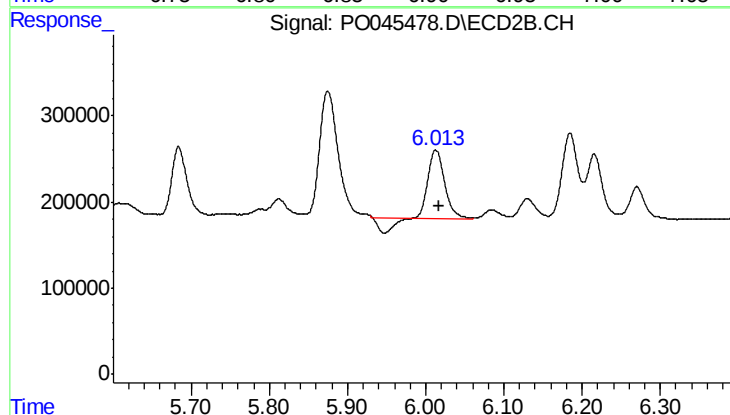
#36 AR-1262-1

R.T.: 5.875 min
Delta R.T.: -0.002 min
Response: 2429824
Conc: 128.36 ng/ml



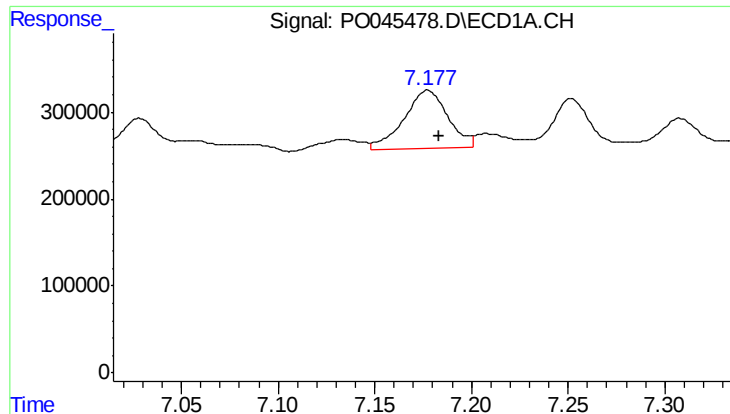
#37 AR-1262-2

R.T.: 6.902 min
Delta R.T.: -0.007 min
Response: 907220
Conc: 65.95 ng/ml



#37 AR-1262-2

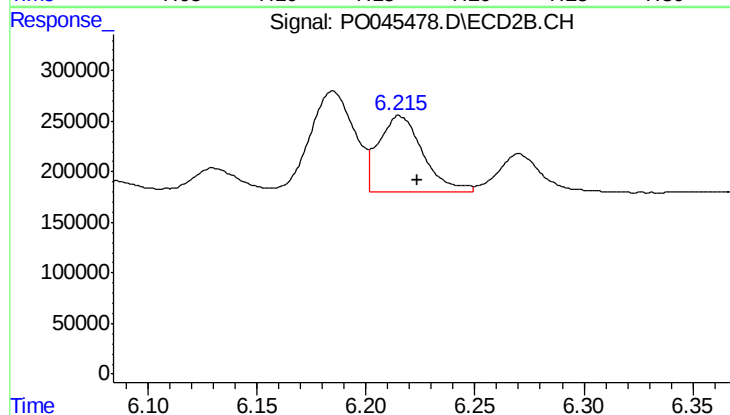
R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 975904
Conc: 53.18 ng/ml



#38 AR-1262-3

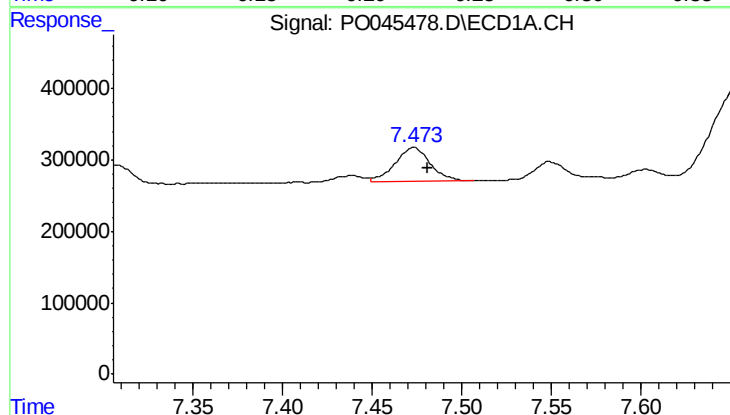
R.T.: 7.178 min
Delta R.T.: -0.006 min
Response: 1068647
Conc: 83.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



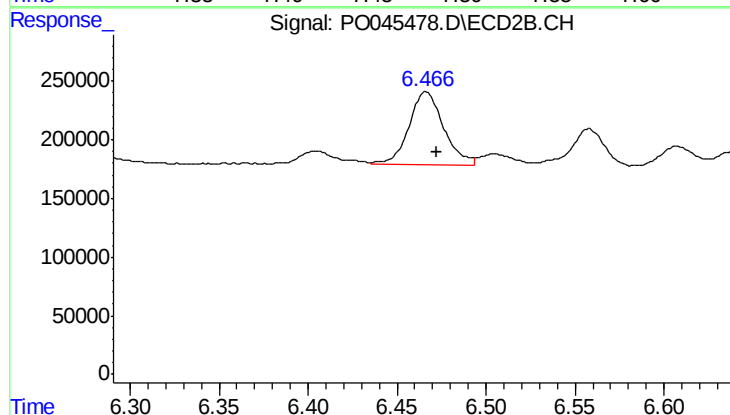
#38 AR-1262-3

R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 1072063
Conc: 34.96 ng/ml



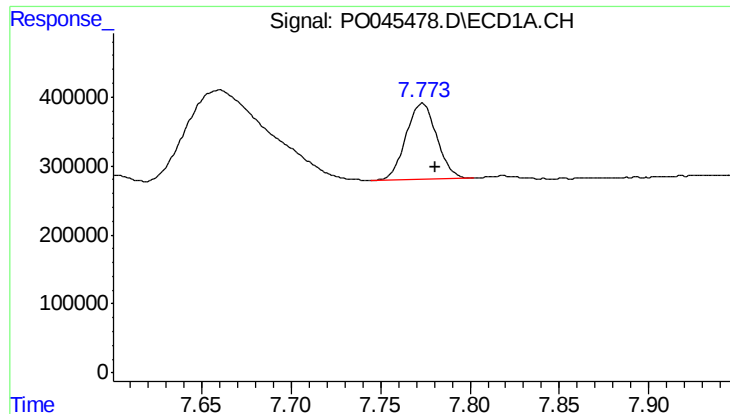
#39 AR-1262-4

R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 661632
Conc: 38.52 ng/ml



#39 AR-1262-4

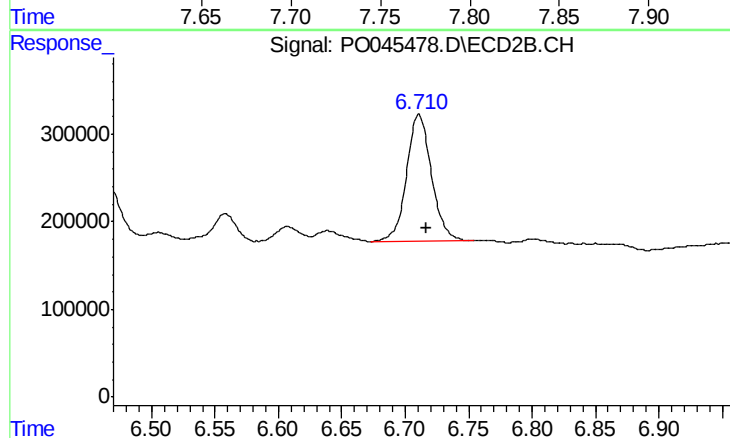
R.T.: 6.466 min
Delta R.T.: -0.006 min
Response: 839957
Conc: 33.33 ng/ml



#40 AR-1262-5

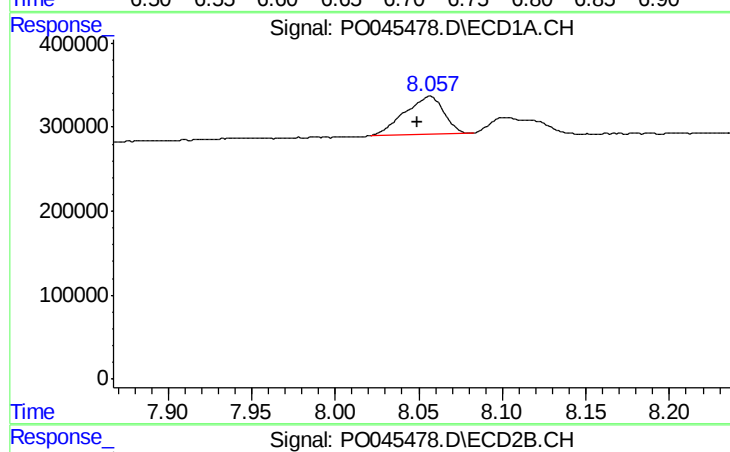
R.T.: 7.773 min
Delta R.T.: -0.007 min
Response: 1318760
Conc: 35.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



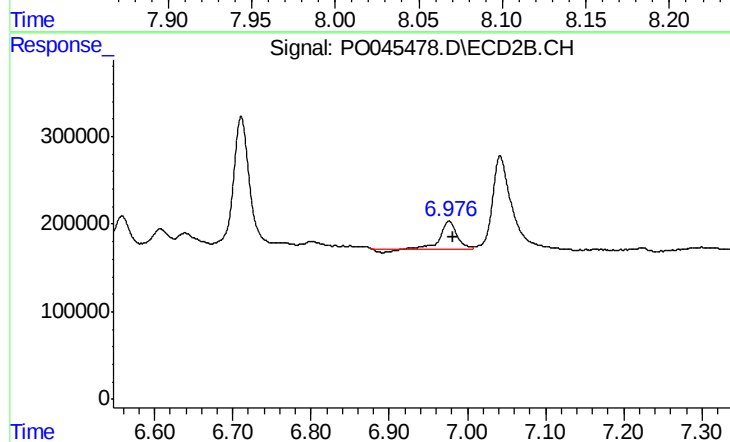
#40 AR-1262-5

R.T.: 6.711 min
Delta R.T.: -0.006 min
Response: 1973661
Conc: 36.22 ng/ml



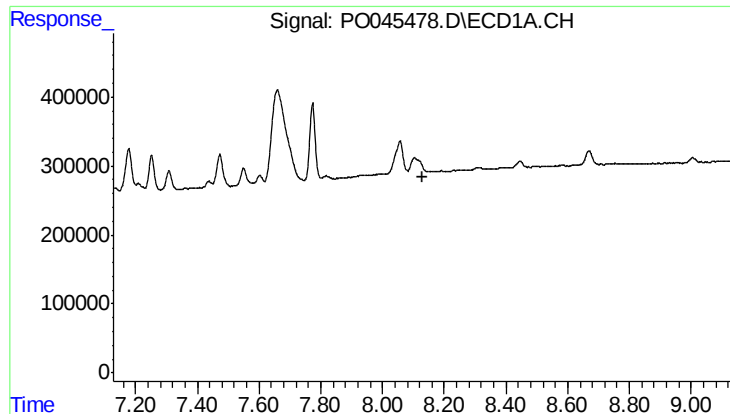
#41 AR-1268-1

R.T.: 8.057 min
Delta R.T.: 0.008 min
Response: 734081
Conc: 19.27 ng/ml



#41 AR-1268-1

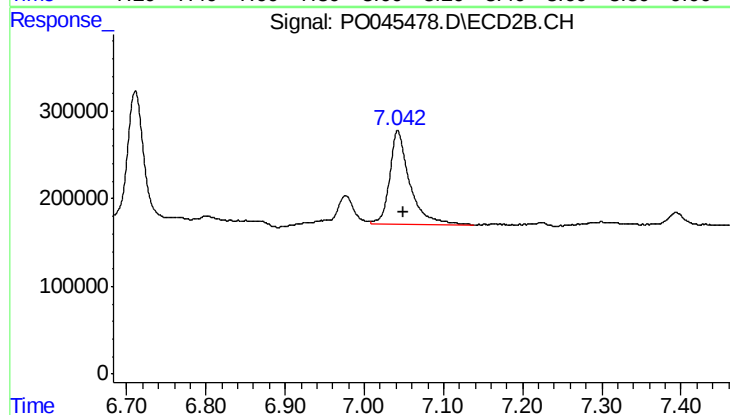
R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 478501
Conc: 8.67 ng/ml



#42 AR-1268-2

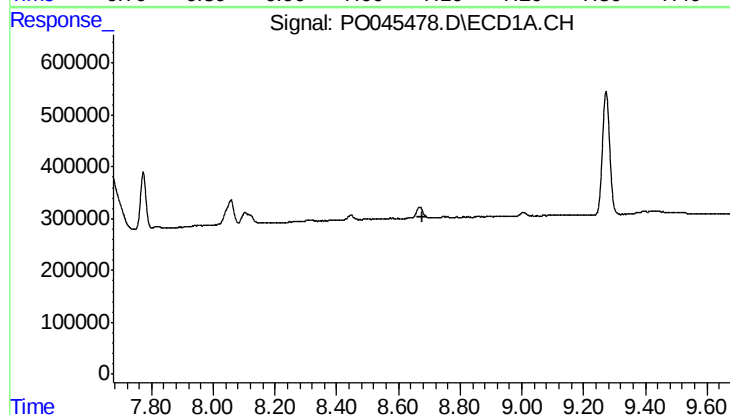
R.T.: 0.000 min
Exp R.T.: 8.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



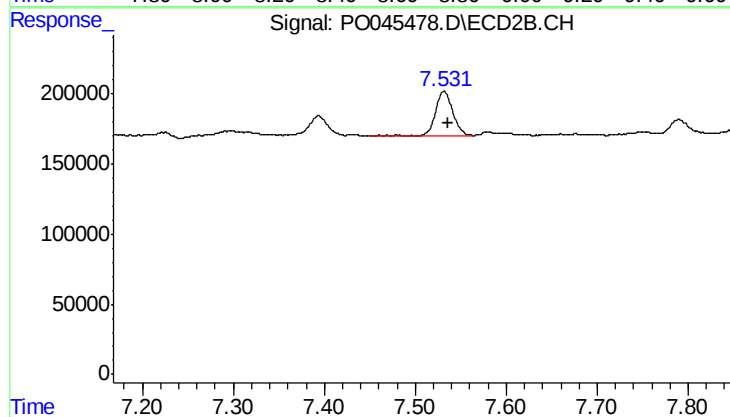
#42 AR-1268-2

R.T.: 7.042 min
Delta R.T.: -0.007 min
Response: 1932448
Conc: 37.84 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.676 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.532 min
Delta R.T.: -0.005 min
Response: 421319
Conc: 24.21 ng/ml