

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010419\
 Data File : P0053230.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Jan 2019 3:58
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 04:19:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 02 14:46:04 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	3.212	81488476	11177697	62.280	49.813
2)	SA Decachlor...	9.649	7.860	36318890	11603514	45.839	45.139
Target Compounds							
3)	L1 AR-1016-1	5.325	4.200	20941268	4088922	546.293	453.565
4)	L1 AR-1016-2	5.346	4.215	30931993	6410884	550.026	465.414
5)	L1 AR-1016-3	5.407	4.375	18243806	3319907	541.423	458.575
6)	L1 AR-1016-4	5.505	4.418	14779940	2605949	538.344	479.608
7)	L1 AR-1016-5	5.792	4.610	13083733	3274332	496.252	448.402
8)	L2 AR-1221-1	4.383	3.407	2135553	376390	179.616	161.713
9)	L2 AR-1221-2	4.472	3.485	3498742	494469	405.080	299.676 #
10)	L2 AR-1221-3	4.547	3.553	12894795	2078941	461.265	365.243
11)	L3 AR-1232-1	4.547	3.553	12894795	2078941	567.117	442.027
12)	L3 AR-1232-2	5.062	4.215	15712087	6410884	1386.604	1079.713
13)	L3 AR-1232-3	5.346	4.375	30931993	3319907	1328.296	1094.505
14)	L3 AR-1232-4	5.505	4.454	14779940	3120926	1295.587	1179.632
15)	L3 AR-1232-5	5.591	4.610	11133643	3274332	1567.595	1149.073 #
16)	L4 AR-1242-1	5.325	4.200	20941268	4088922	694.832	586.054
17)	L4 AR-1242-2	5.346	4.215	30931993	6410884	698.043	589.266
18)	L4 AR-1242-3	5.407	4.375	18243806	3319907	687.873	581.528
19)	L4 AR-1242-4	5.505	4.454	14779940	3120926	682.026	568.153
20)	L4 AR-1242-5	6.227	4.936	3303318	3894190	150.968	511.134 #
21)	L5 AR-1248-1	5.325	4.200	20941268	4088922	925.163	731.808
22)	L5 AR-1248-2	5.591	4.418	11133643	2605949	382.134	347.907
23)	L5 AR-1248-3	5.792	4.454	13083733	3120926	394.126	397.418
24)	L5 AR-1248-4	6.190	4.610	4344892	3274332	116.304	346.933 #
25)	L5 AR-1248-5	6.227	4.974	3303318	971117	92.714	96.798
26)	L6 AR-1254-1	6.161	4.936	12523457	3894190	326.773	237.534 #
27)	L6 AR-1254-2	6.375	5.076	10887289	2993244	183.590	213.330
28)	L6 AR-1254-3	6.740	5.464	6051890	5303053	98.132	235.062 #
29)	L6 AR-1254-4	7.020	5.671	3389525	953590	73.765	62.908
30)	L6 AR-1254-5	7.434	6.063	27889214	9047471	614.448	451.940 #
31)	L7 AR-1260-1	6.897	5.571	20739348	6911961	462.519	450.295
32)	L7 AR-1260-2	7.152	5.756	23758963	7916177	427.778	413.643
33)	L7 AR-1260-3	7.504	5.894	14481190	6903786	413.569	399.126
34)	L7 AR-1260-4	7.729	6.344	16461686	4913665	423.410	424.766
35)	L7 AR-1260-5	8.034	6.584	33706842	12300217	436.742	426.976
36)	L8 AR-1262-1	7.504	6.099	14481190	5799222	259.857	296.365
37)	L8 AR-1262-2	8.034	6.584	33706842	12300217	361.186	370.410
38)	L8 AR-1262-3	8.316	6.850	5919871	2335862	139.555	180.392 #
39)	L8 AR-1262-4	8.383	6.912	12548812	9018430	259.408	371.461 #
40)	L8 AR-1262-5	8.996	7.397	8571392	2848692	252.892	252.370
41)	L9 AR-1268-1	8.316	6.850	5919871	2335862	45.619	53.764
42)	L9 AR-1268-2	8.383	6.912	12548812	9018430	102.791	219.290 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010419\
Data File : P0053230.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Jan 2019 3:58
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 100 Sample Multiplier: 1

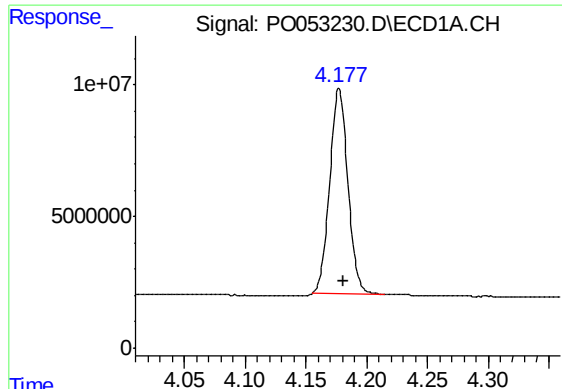
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 05 04:19:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010219.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 02 14:46:04 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
43)	L9 AR-1268-3	8.600	7.168	477692	138574	4.450	3.962
44)	L9 AR-1268-4	8.996	7.397	8571392	2848692	199.285	196.782
45)	L9 AR-1268-5	9.358	7.656	2230736	798476	6.738	7.642

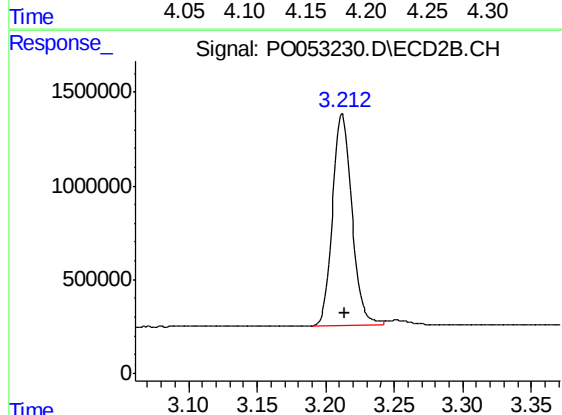
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

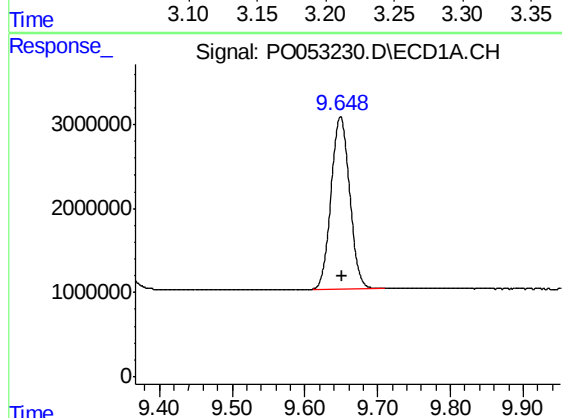
R.T.: 4.177 min
Delta R.T.: -0.004 min
Response: 81488476
Conc: 62.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



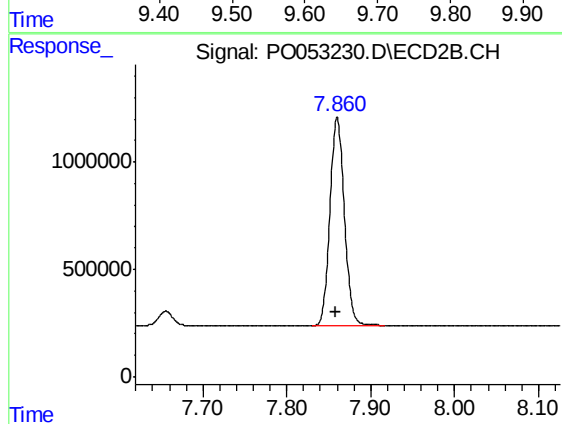
#1 Tetrachloro-m-xylene

R.T.: 3.212 min
Delta R.T.: -0.001 min
Response: 11177697
Conc: 49.81 ng/ml



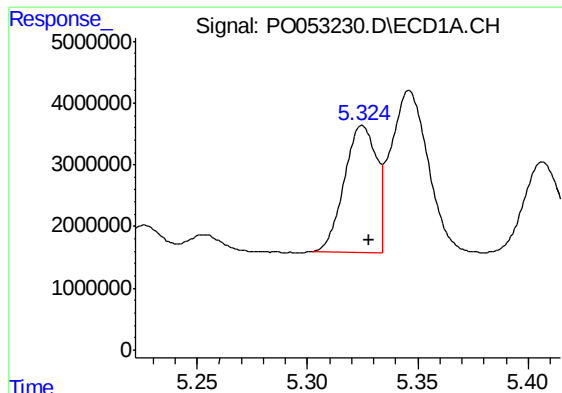
#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.002 min
Response: 36318890
Conc: 45.84 ng/ml



#2 Decachlorobiphenyl

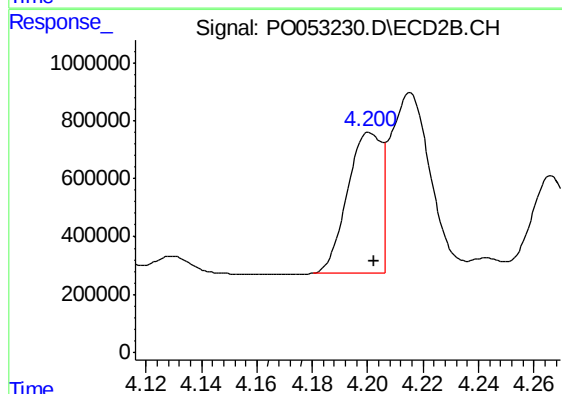
R.T.: 7.860 min
Delta R.T.: 0.001 min
Response: 11603514
Conc: 45.14 ng/ml



#3 AR-1016-1

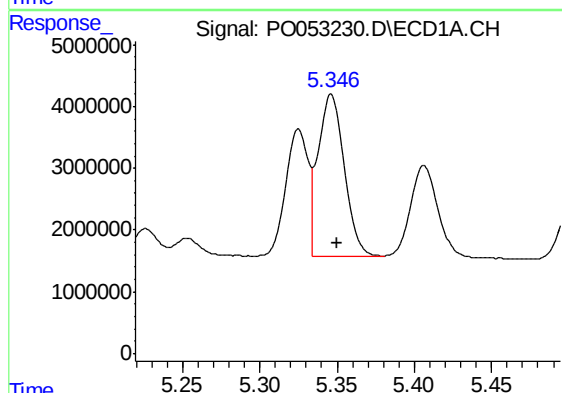
R.T.: 5.325 min
Delta R.T.: -0.003 min
Response: 20941268
Conc: 546.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



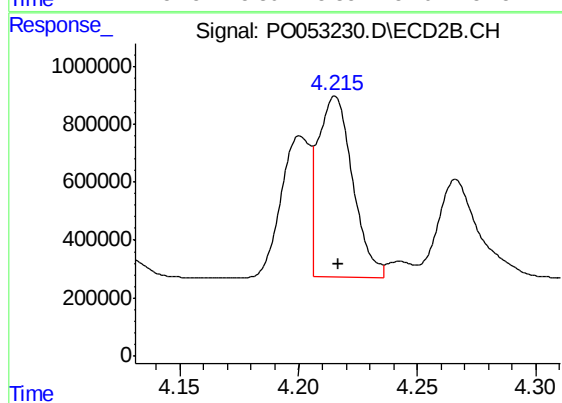
#3 AR-1016-1

R.T.: 4.200 min
Delta R.T.: -0.002 min
Response: 4088922
Conc: 453.56 ng/ml



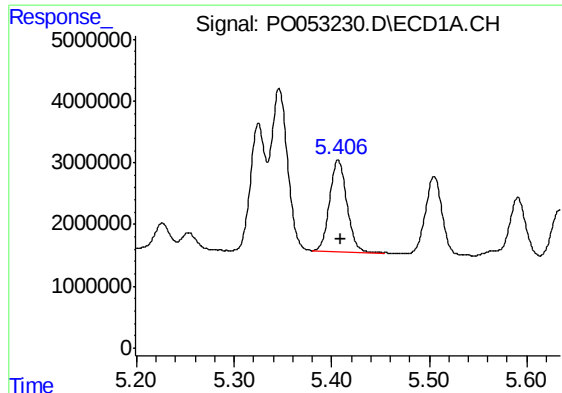
#4 AR-1016-2

R.T.: 5.346 min
Delta R.T.: -0.004 min
Response: 30931993
Conc: 550.03 ng/ml



#4 AR-1016-2

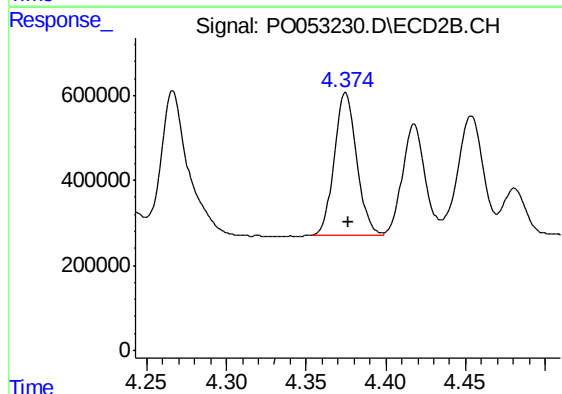
R.T.: 4.215 min
Delta R.T.: -0.001 min
Response: 6410884
Conc: 465.41 ng/ml



#5 AR-1016-3

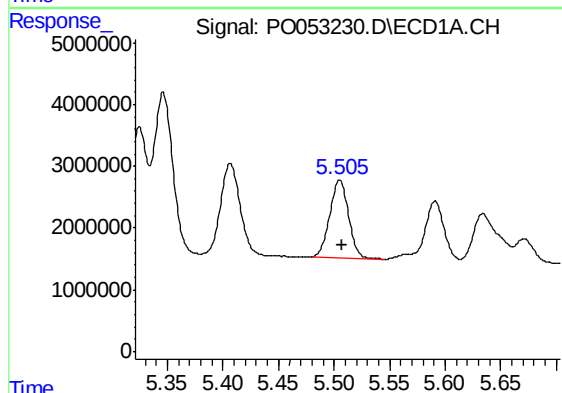
R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 18243806
Conc: 541.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



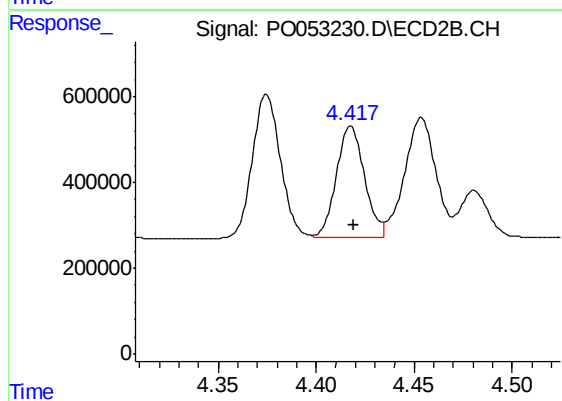
#5 AR-1016-3

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 3319907
Conc: 458.58 ng/ml



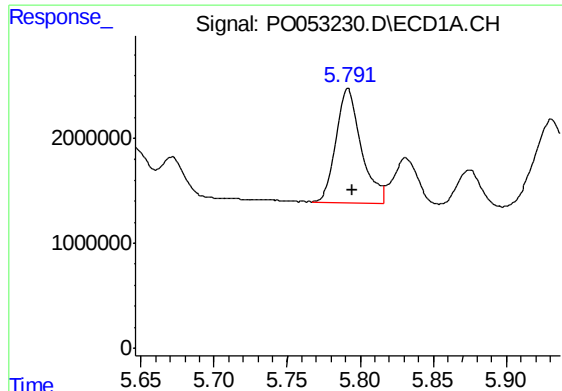
#6 AR-1016-4

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 14779940
Conc: 538.34 ng/ml



#6 AR-1016-4

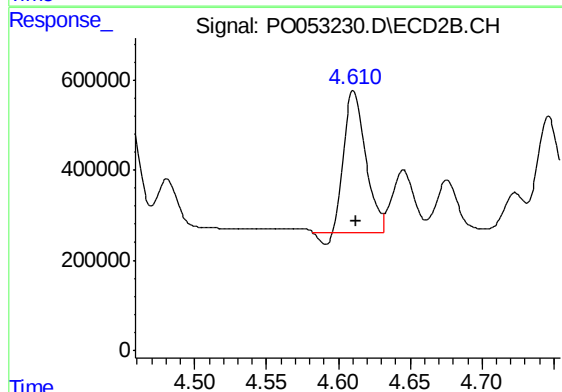
R.T.: 4.418 min
Delta R.T.: -0.002 min
Response: 2605949
Conc: 479.61 ng/ml



#7 AR-1016-5

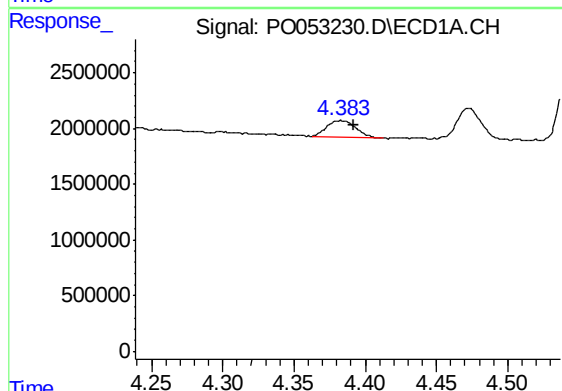
R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 13083733
Conc: 496.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



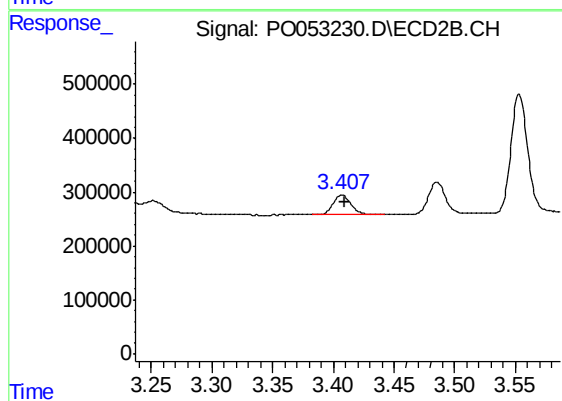
#7 AR-1016-5

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 3274332
Conc: 448.40 ng/ml



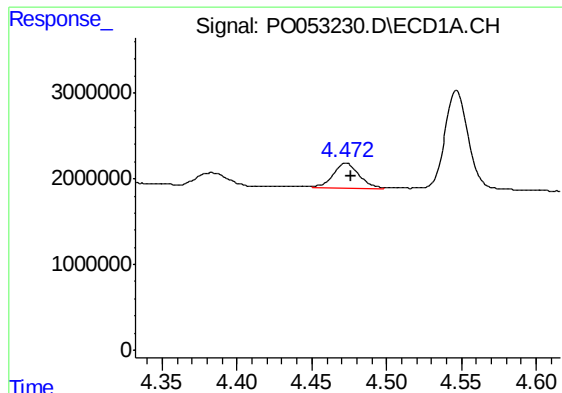
#8 AR-1221-1

R.T.: 4.383 min
Delta R.T.: -0.008 min
Response: 2135553
Conc: 179.62 ng/ml



#8 AR-1221-1

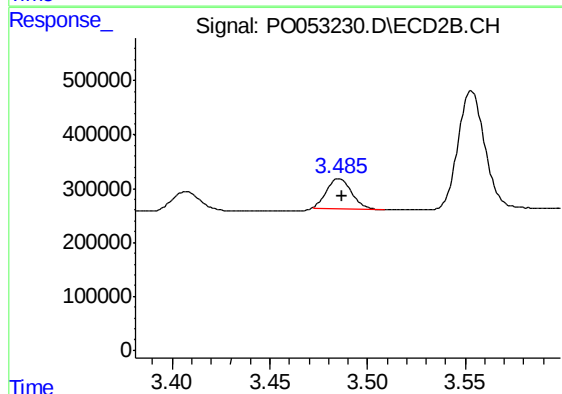
R.T.: 3.407 min
Delta R.T.: -0.002 min
Response: 376390
Conc: 161.71 ng/ml



#9 AR-1221-2

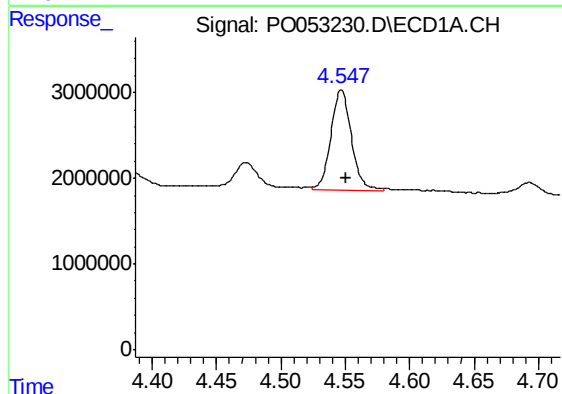
R.T.: 4.472 min
Delta R.T.: -0.004 min
Response: 3498742
Conc: 405.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



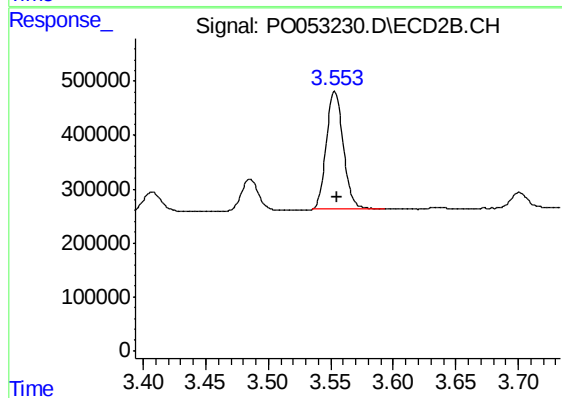
#9 AR-1221-2

R.T.: 3.485 min
Delta R.T.: -0.002 min
Response: 494469
Conc: 299.68 ng/ml



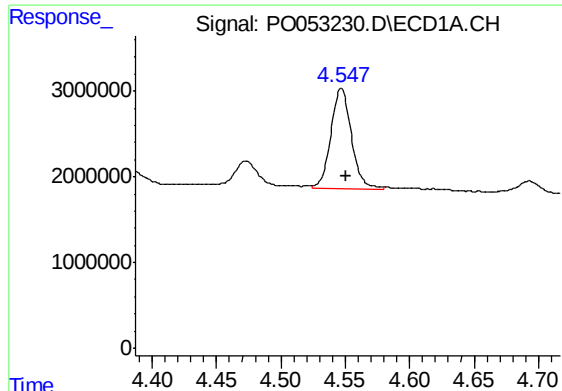
#10 AR-1221-3

R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 12894795
Conc: 461.27 ng/ml



#10 AR-1221-3

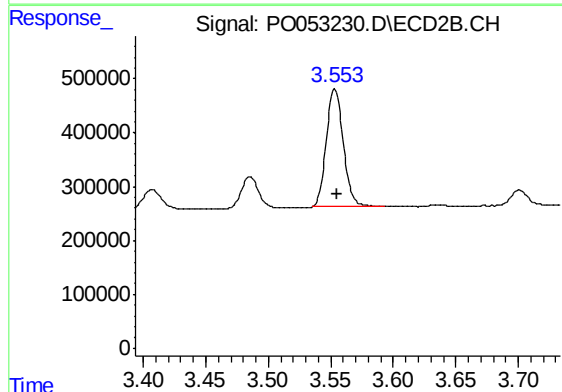
R.T.: 3.553 min
Delta R.T.: -0.002 min
Response: 2078941
Conc: 365.24 ng/ml



#11 AR-1232-1

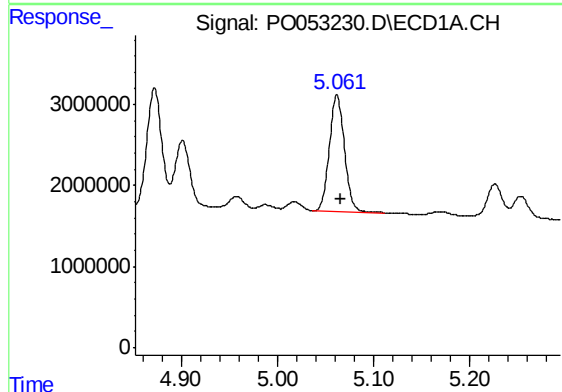
R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 12894795
Conc: 567.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



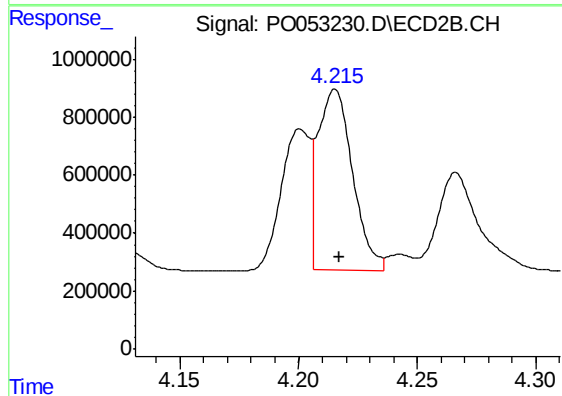
#11 AR-1232-1

R.T.: 3.553 min
Delta R.T.: -0.002 min
Response: 2078941
Conc: 442.03 ng/ml



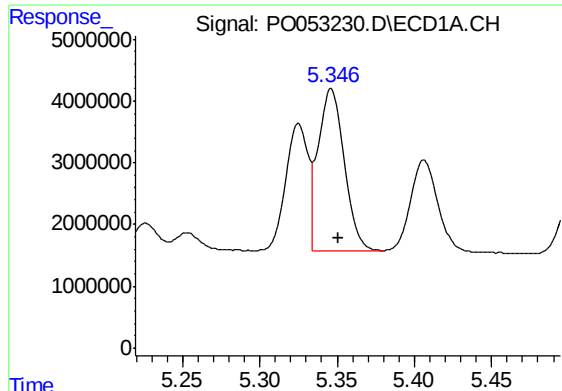
#12 AR-1232-2

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 15712087
Conc: 1386.60 ng/ml



#12 AR-1232-2

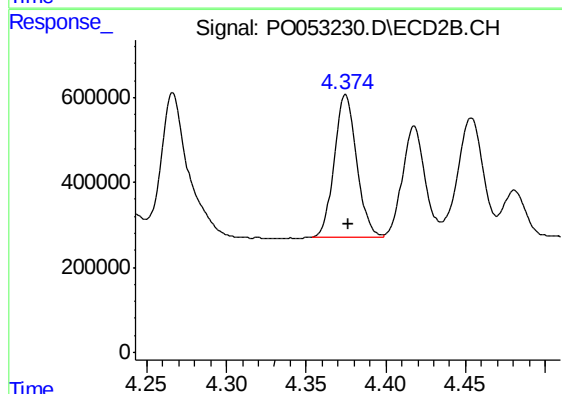
R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 6410884
Conc: 1079.71 ng/ml



#13 AR-1232-3

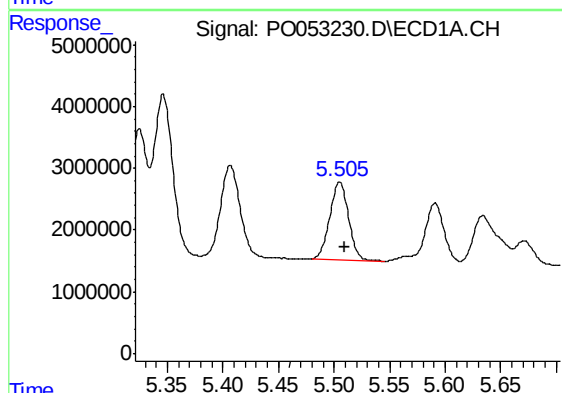
R.T.: 5.346 min
Delta R.T.: -0.004 min
Response: 30931993
Conc: 1328.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



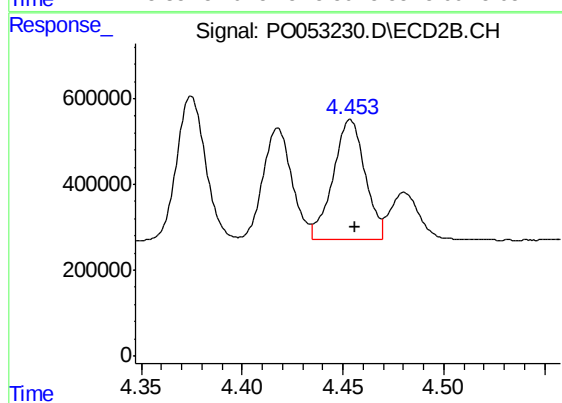
#13 AR-1232-3

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 3319907
Conc: 1094.51 ng/ml



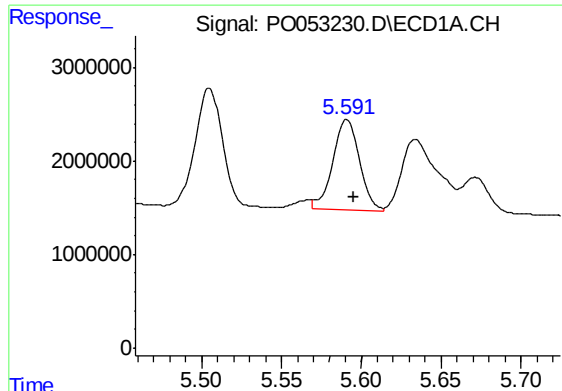
#14 AR-1232-4

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 14779940
Conc: 1295.59 ng/ml



#14 AR-1232-4

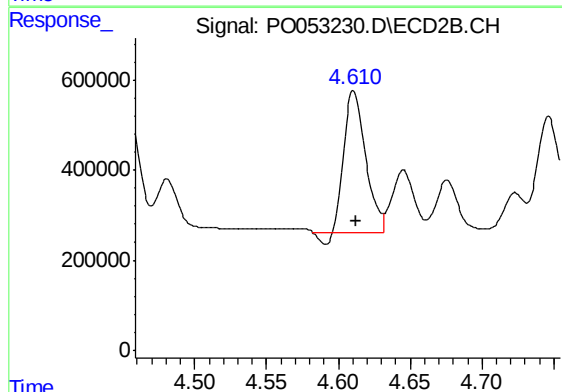
R.T.: 4.454 min
Delta R.T.: -0.002 min
Response: 3120926
Conc: 1179.63 ng/ml



#15 AR-1232-5

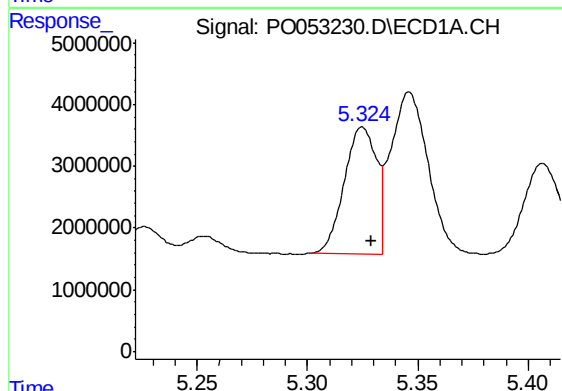
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 11133643
Conc: 1567.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



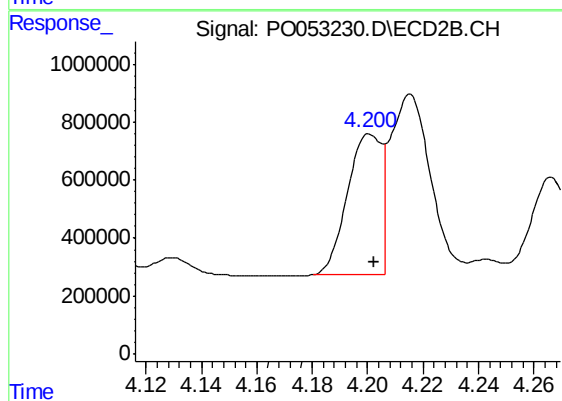
#15 AR-1232-5

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 3274332
Conc: 1149.07 ng/ml



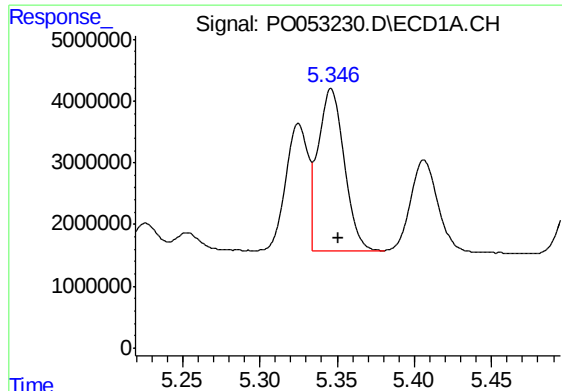
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 20941268
Conc: 694.83 ng/ml



#16 AR-1242-1

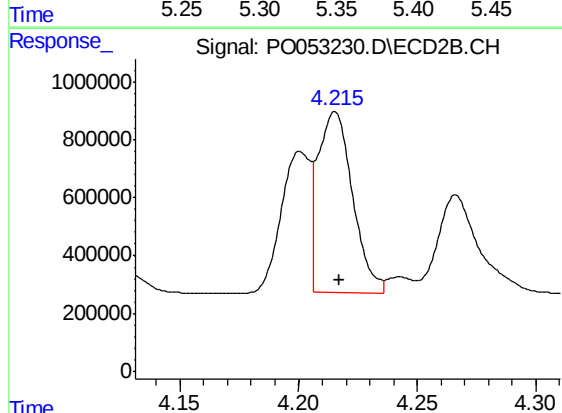
R.T.: 4.200 min
Delta R.T.: -0.002 min
Response: 4088922
Conc: 586.05 ng/ml



#17 AR-1242-2

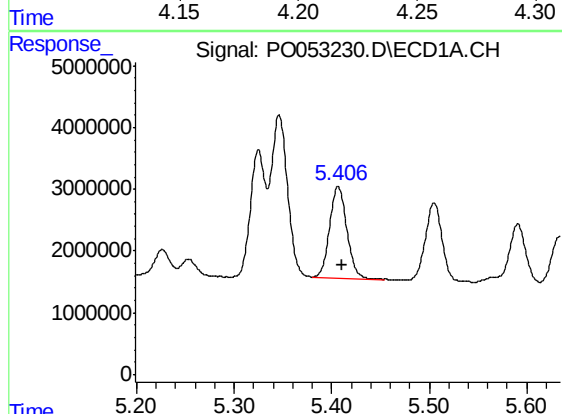
R.T.: 5.346 min
Delta R.T.: -0.005 min
Response: 30931993
Conc: 698.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



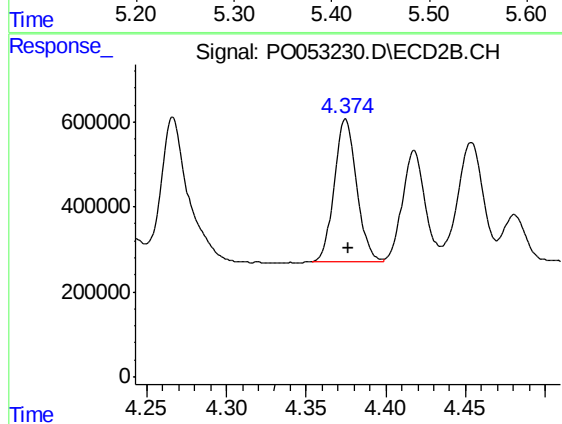
#17 AR-1242-2

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 6410884
Conc: 589.27 ng/ml



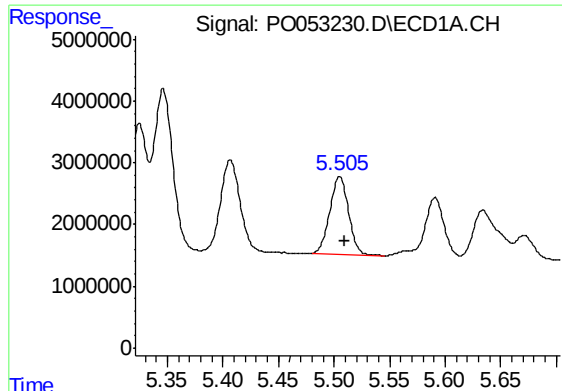
#18 AR-1242-3

R.T.: 5.407 min
Delta R.T.: -0.004 min
Response: 18243806
Conc: 687.87 ng/ml



#18 AR-1242-3

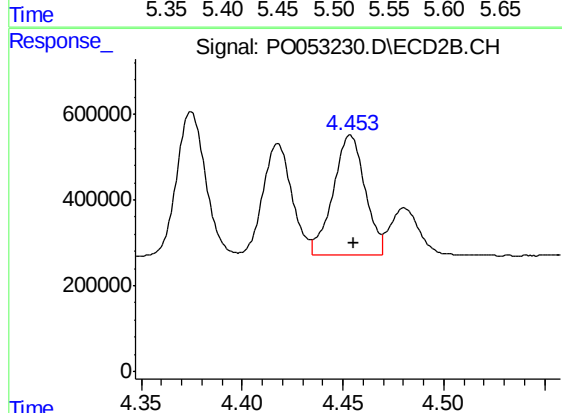
R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 3319907
Conc: 581.53 ng/ml



#19 AR-1242-4

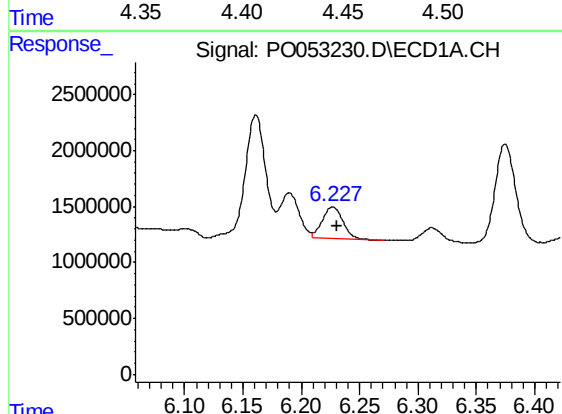
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 14779940
Conc: 682.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



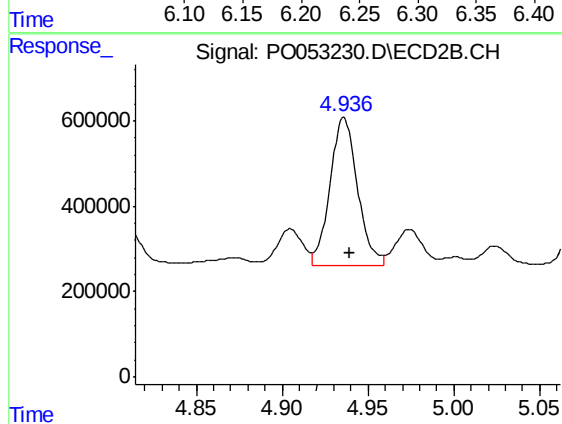
#19 AR-1242-4

R.T.: 4.454 min
Delta R.T.: -0.002 min
Response: 3120926
Conc: 568.15 ng/ml



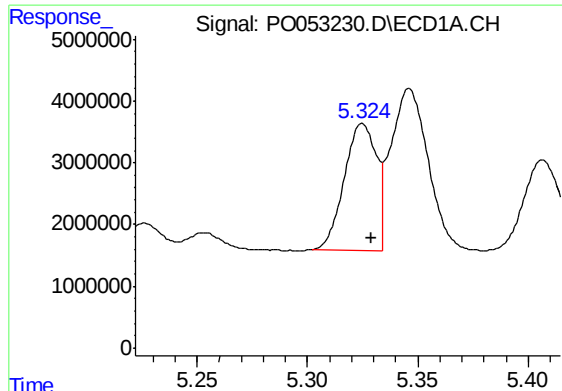
#20 AR-1242-5

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 3303318
Conc: 150.97 ng/ml



#20 AR-1242-5

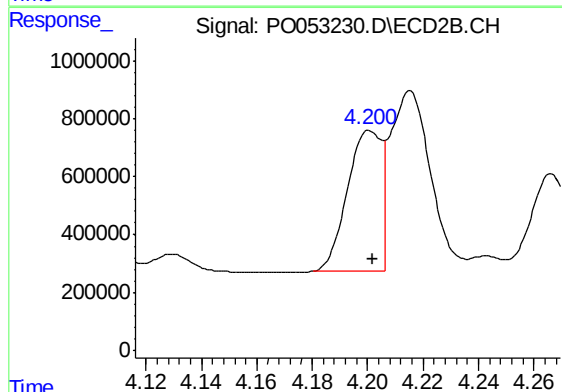
R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 3894190
Conc: 511.13 ng/ml



#21 AR-1248-1

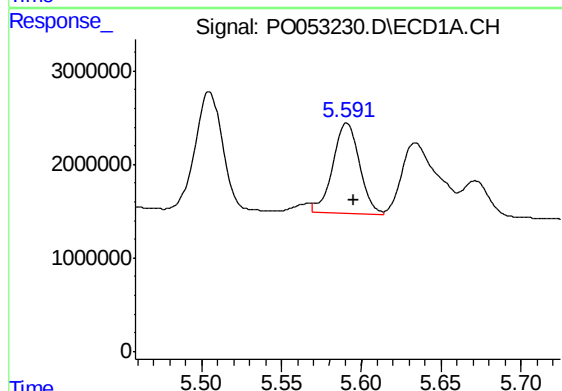
R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 20941268
Conc: 925.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



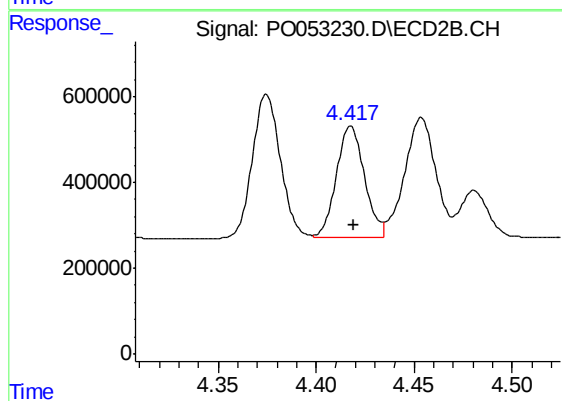
#21 AR-1248-1

R.T.: 4.200 min
Delta R.T.: -0.002 min
Response: 4088922
Conc: 731.81 ng/ml



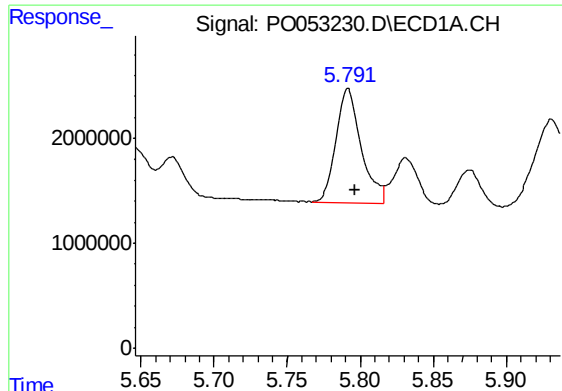
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 11133643
Conc: 382.13 ng/ml



#22 AR-1248-2

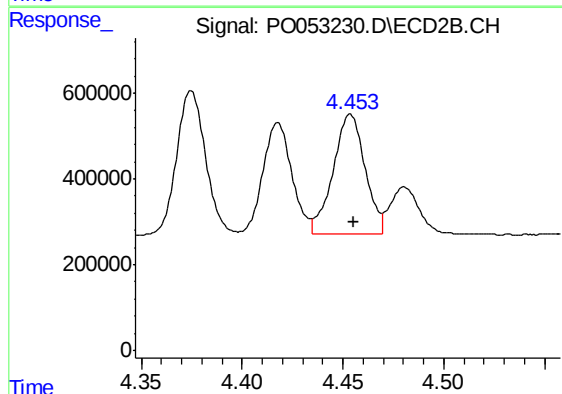
R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 2605949
Conc: 347.91 ng/ml



#23 AR-1248-3

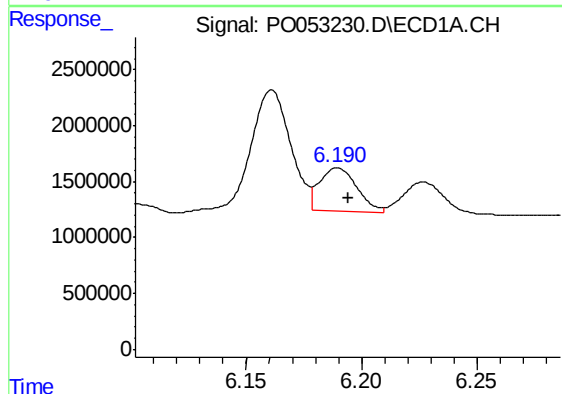
R.T.: 5.792 min
Delta R.T.: -0.005 min
Response: 13083733
Conc: 394.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



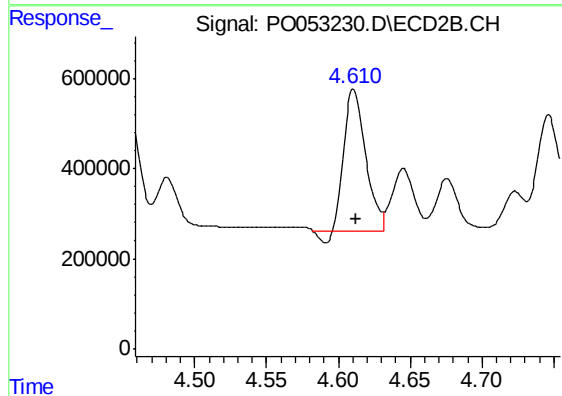
#23 AR-1248-3

R.T.: 4.454 min
Delta R.T.: -0.002 min
Response: 3120926
Conc: 397.42 ng/ml



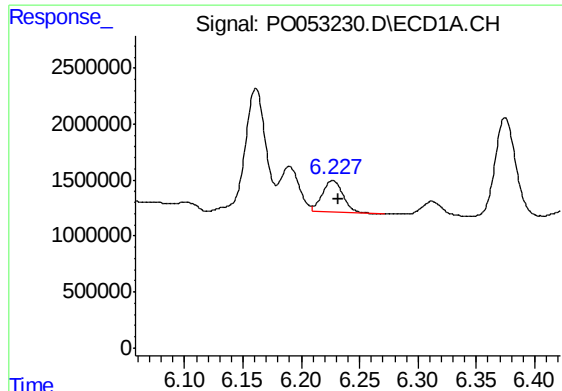
#24 AR-1248-4

R.T.: 6.190 min
Delta R.T.: -0.005 min
Response: 4344892
Conc: 116.30 ng/ml



#24 AR-1248-4

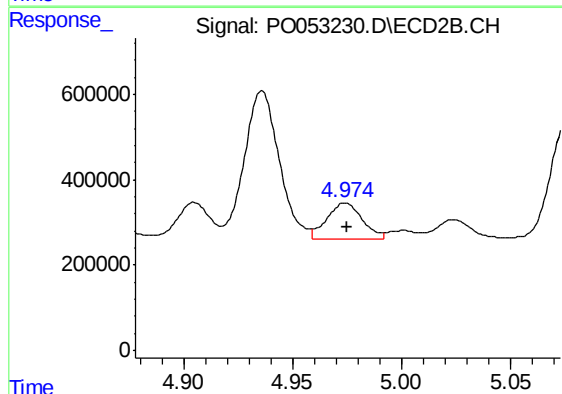
R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 3274332
Conc: 346.93 ng/ml



#25 AR-1248-5

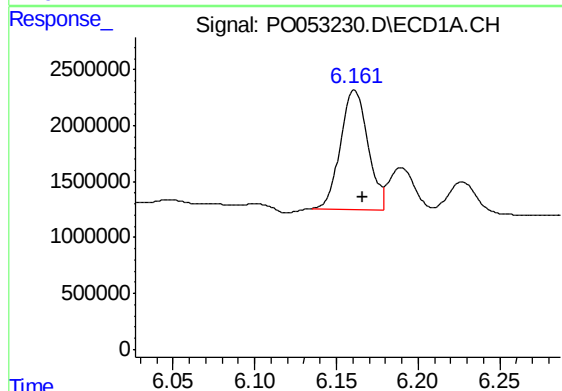
R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 3303318
Conc: 92.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



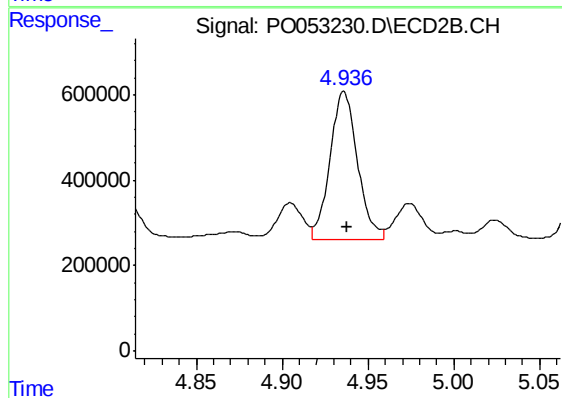
#25 AR-1248-5

R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 971117
Conc: 96.80 ng/ml



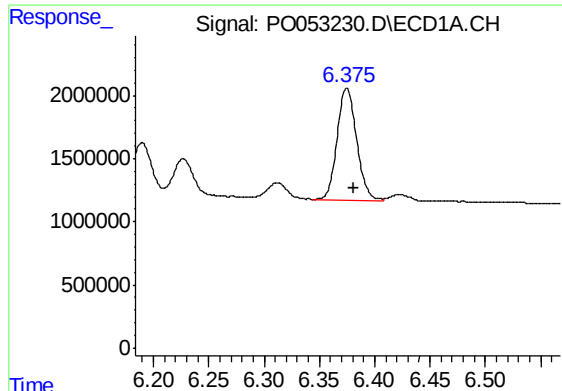
#26 AR-1254-1

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 12523457
Conc: 326.77 ng/ml



#26 AR-1254-1

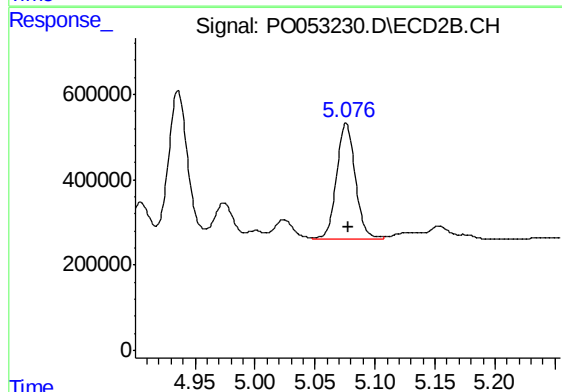
R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 3894190
Conc: 237.53 ng/ml



#27 AR-1254-2

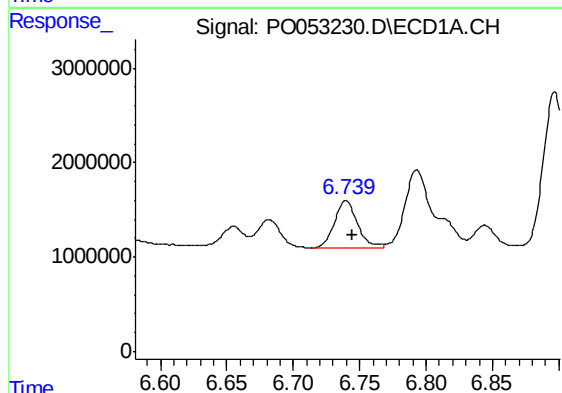
R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 10887289
Conc: 183.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



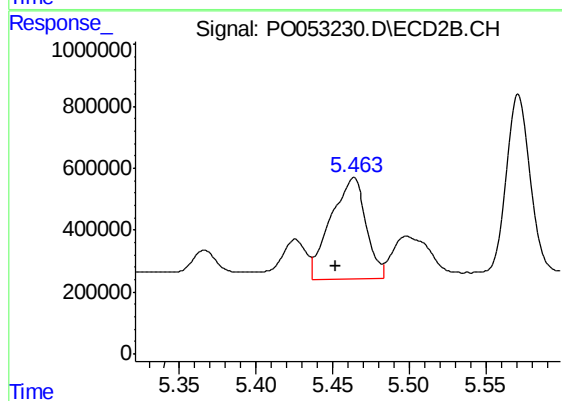
#27 AR-1254-2

R.T.: 5.076 min
Delta R.T.: -0.002 min
Response: 2993244
Conc: 213.33 ng/ml



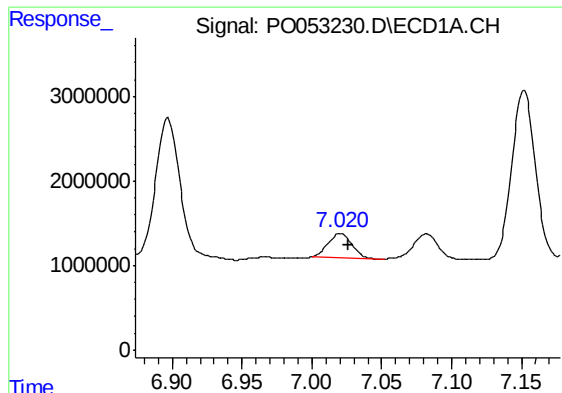
#28 AR-1254-3

R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 6051890
Conc: 98.13 ng/ml



#28 AR-1254-3

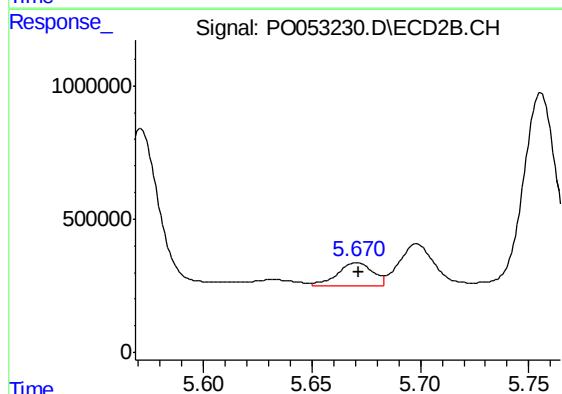
R.T.: 5.464 min
Delta R.T.: 0.012 min
Response: 5303053
Conc: 235.06 ng/ml



#29 AR-1254-4

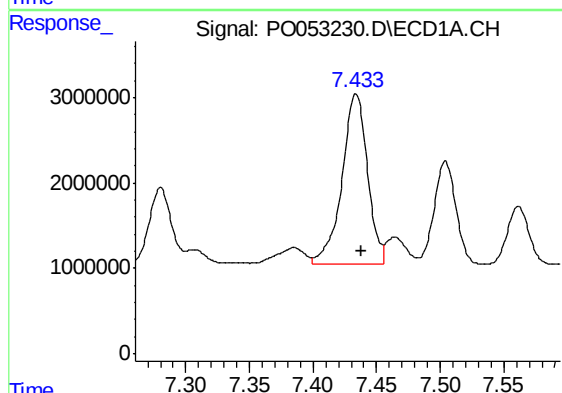
R.T.: 7.020 min
Delta R.T.: -0.006 min
Response: 3389525
Conc: 73.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



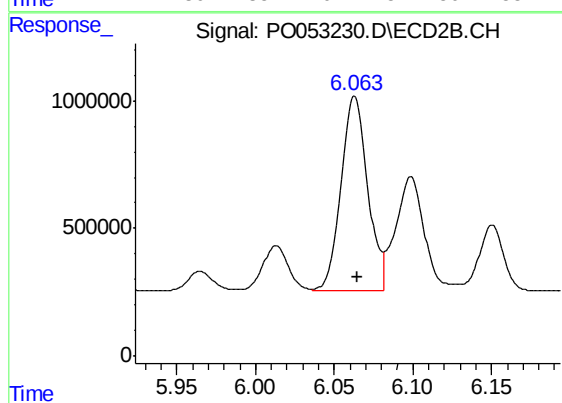
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: -0.001 min
Response: 953590
Conc: 62.91 ng/ml



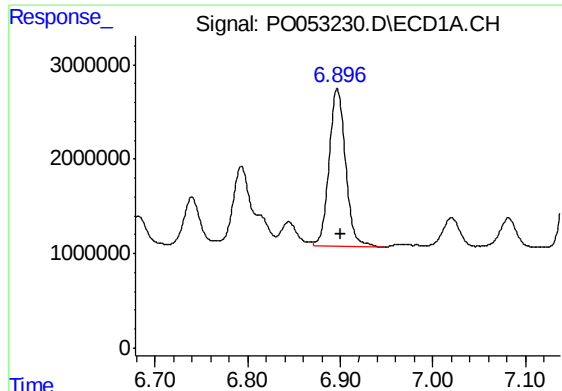
#30 AR-1254-5

R.T.: 7.434 min
Delta R.T.: -0.005 min
Response: 27889214
Conc: 614.45 ng/ml



#30 AR-1254-5

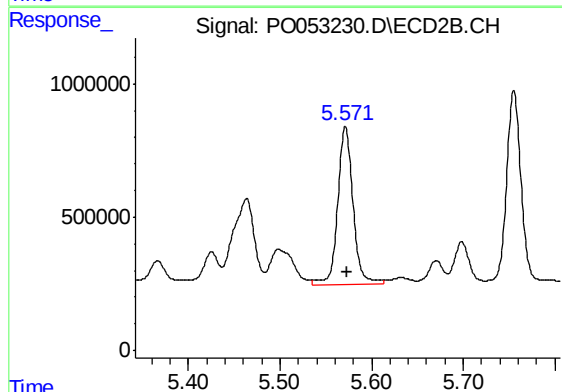
R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 9047471
Conc: 451.94 ng/ml



#31 AR-1260-1

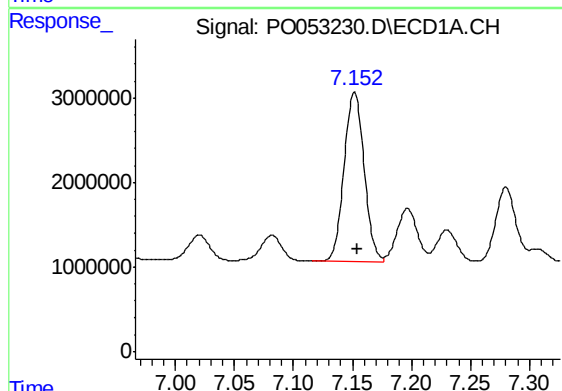
R.T.: 6.897 min
Delta R.T.: -0.004 min
Response: 20739348
Conc: 462.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



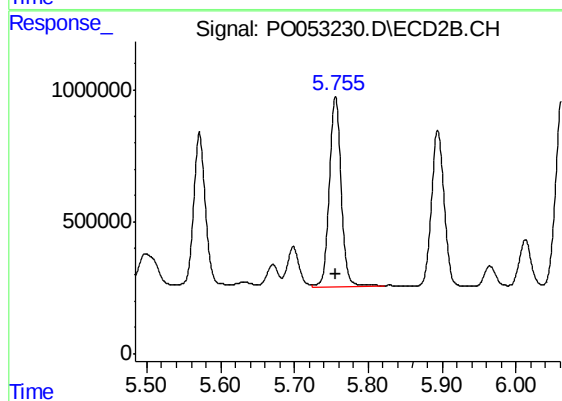
#31 AR-1260-1

R.T.: 5.571 min
Delta R.T.: -0.002 min
Response: 6911961
Conc: 450.30 ng/ml



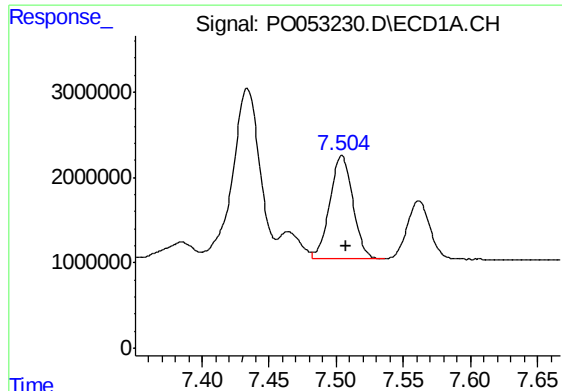
#32 AR-1260-2

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 23758963
Conc: 427.78 ng/ml



#32 AR-1260-2

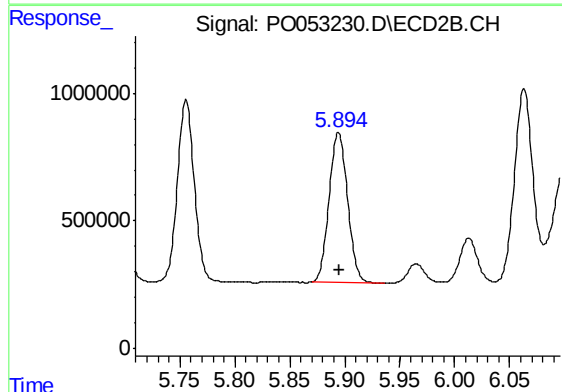
R.T.: 5.756 min
Delta R.T.: -0.001 min
Response: 7916177
Conc: 413.64 ng/ml



#33 AR-1260-3

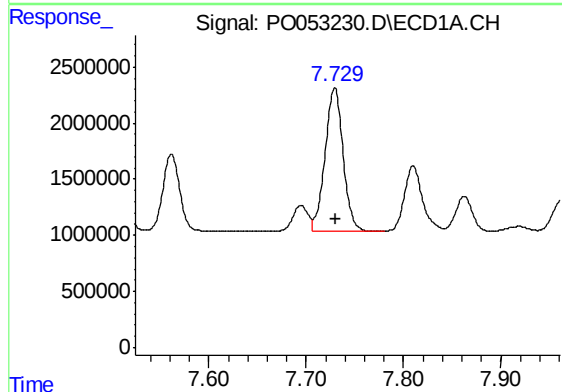
R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 14481190
Conc: 413.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



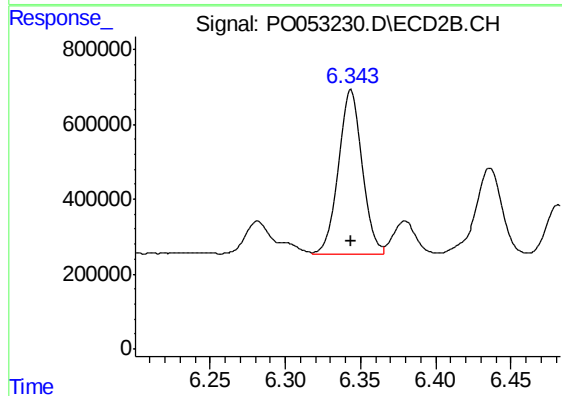
#33 AR-1260-3

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 6903786
Conc: 399.13 ng/ml



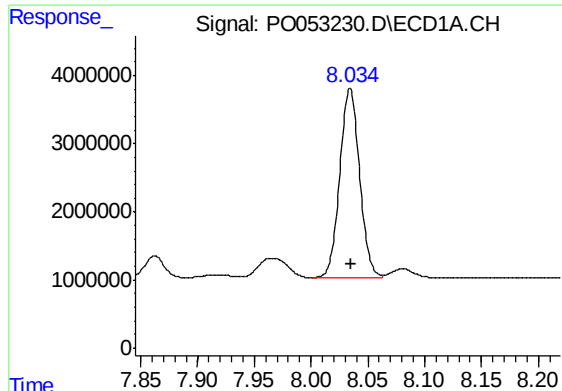
#34 AR-1260-4

R.T.: 7.729 min
Delta R.T.: -0.002 min
Response: 16461686
Conc: 423.41 ng/ml



#34 AR-1260-4

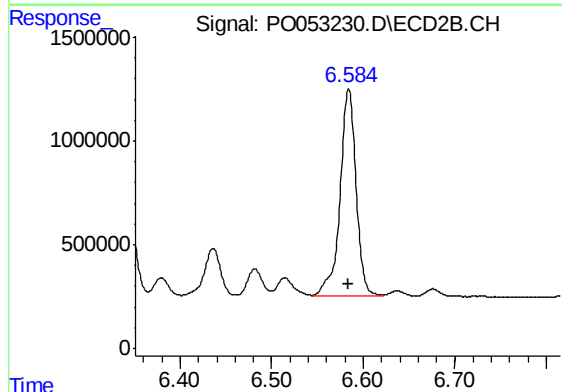
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 4913665
Conc: 424.77 ng/ml



#35 AR-1260-5

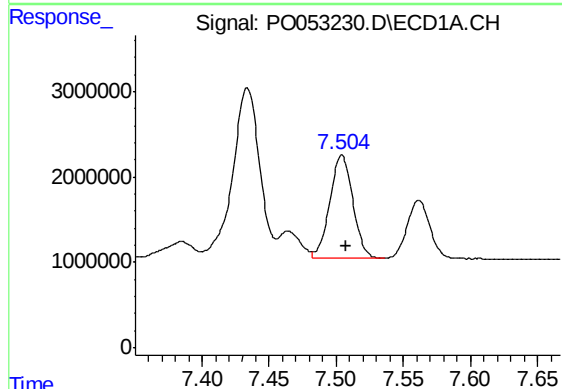
R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 33706842
Conc: 436.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



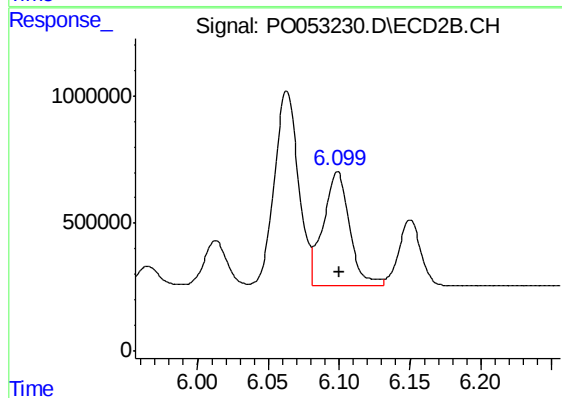
#35 AR-1260-5

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 12300217
Conc: 426.98 ng/ml



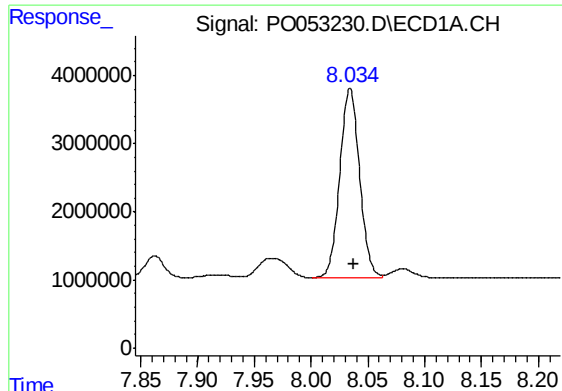
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 14481190
Conc: 259.86 ng/ml



#36 AR-1262-1

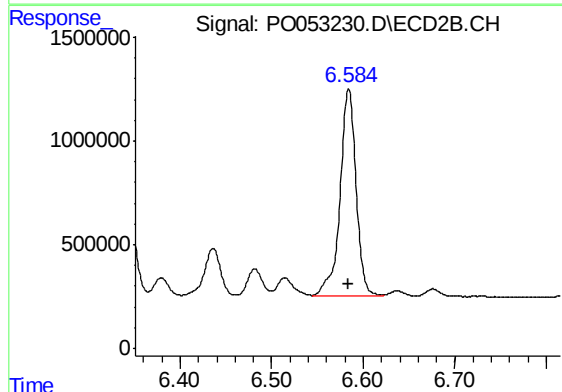
R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 5799222
Conc: 296.36 ng/ml



#37 AR-1262-2

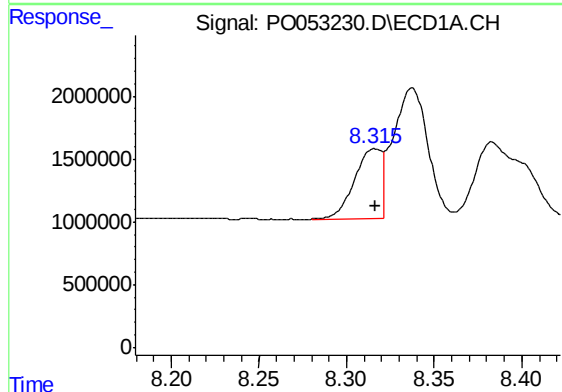
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 33706842
Conc: 361.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



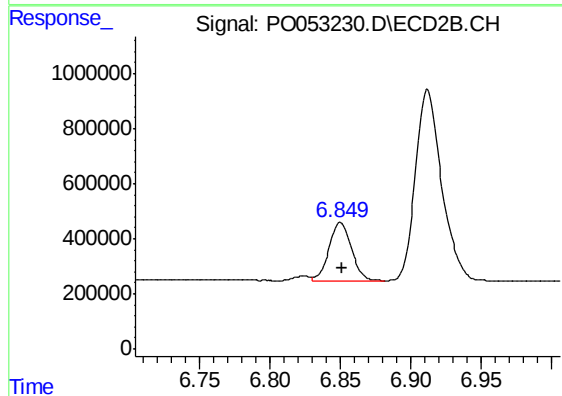
#37 AR-1262-2

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 12300217
Conc: 370.41 ng/ml



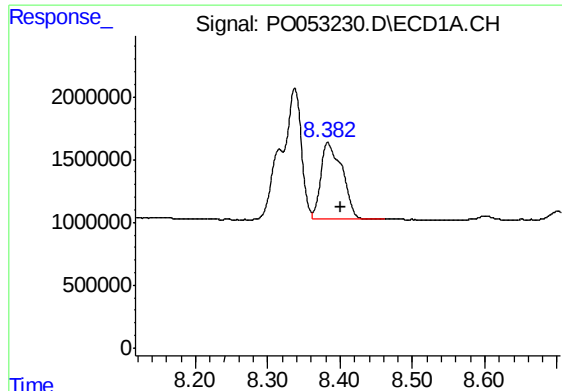
#38 AR-1262-3

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 5919871
Conc: 139.55 ng/ml



#38 AR-1262-3

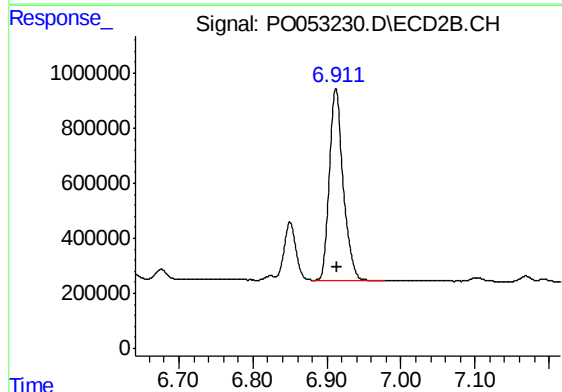
R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 2335862
Conc: 180.39 ng/ml



#39 AR-1262-4

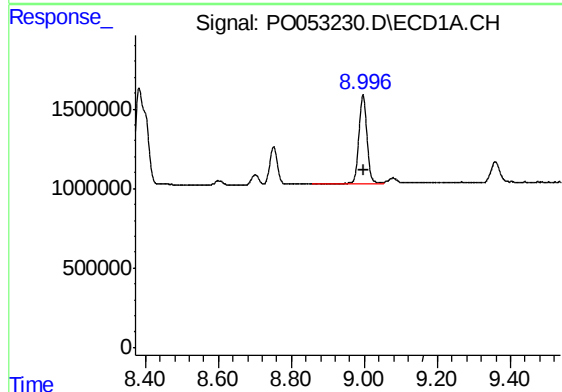
R.T.: 8.383 min
Delta R.T.: -0.019 min
Response: 12548812
Conc: 259.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



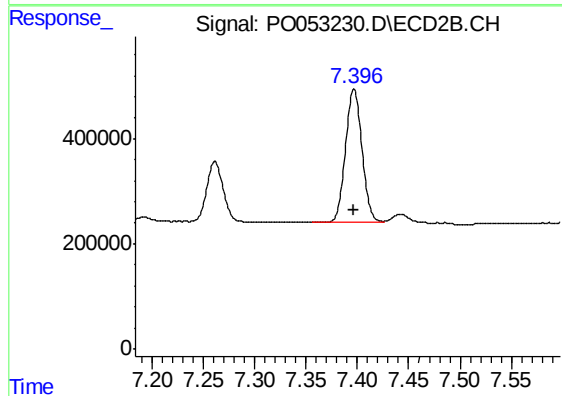
#39 AR-1262-4

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 9018430
Conc: 371.46 ng/ml



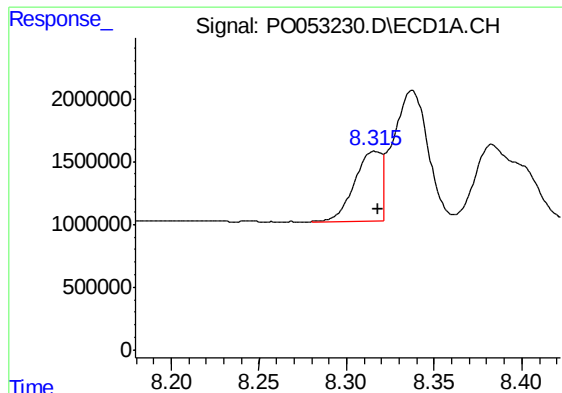
#40 AR-1262-5

R.T.: 8.996 min
Delta R.T.: -0.002 min
Response: 8571392
Conc: 252.89 ng/ml



#40 AR-1262-5

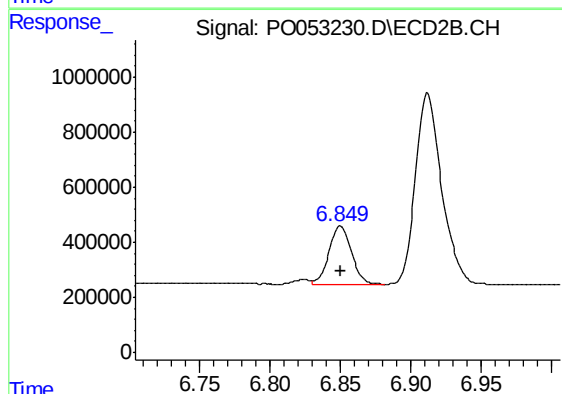
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 2848692
Conc: 252.37 ng/ml



#41 AR-1268-1

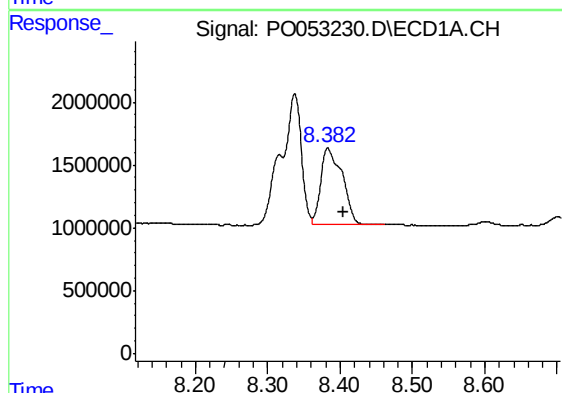
R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 5919871
Conc: 45.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



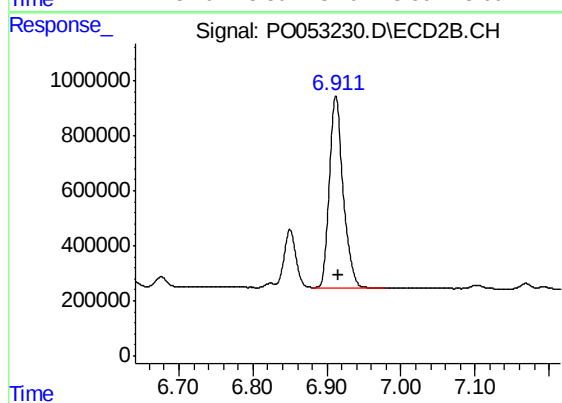
#41 AR-1268-1

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 2335862
Conc: 53.76 ng/ml



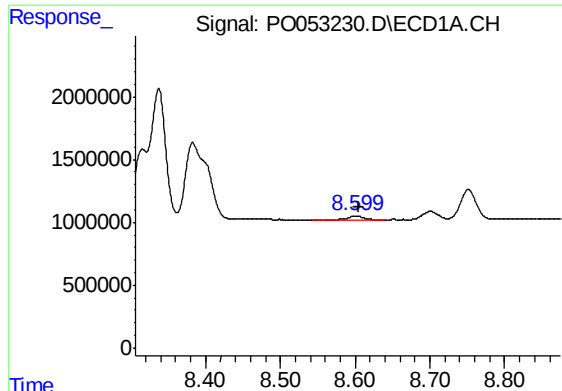
#42 AR-1268-2

R.T.: 8.383 min
Delta R.T.: -0.021 min
Response: 12548812
Conc: 102.79 ng/ml



#42 AR-1268-2

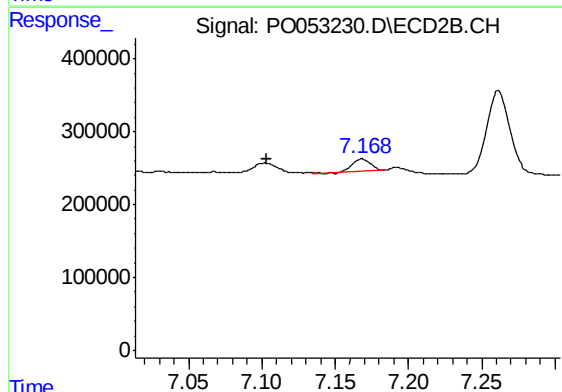
R.T.: 6.912 min
Delta R.T.: -0.004 min
Response: 9018430
Conc: 219.29 ng/ml



#43 AR-1268-3

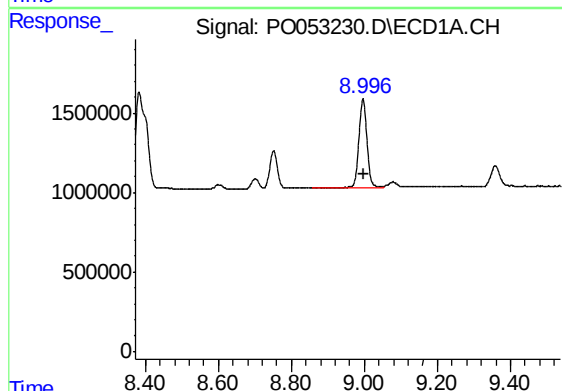
R.T.: 8.600 min
Delta R.T.: -0.004 min
Response: 477692
Conc: 4.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



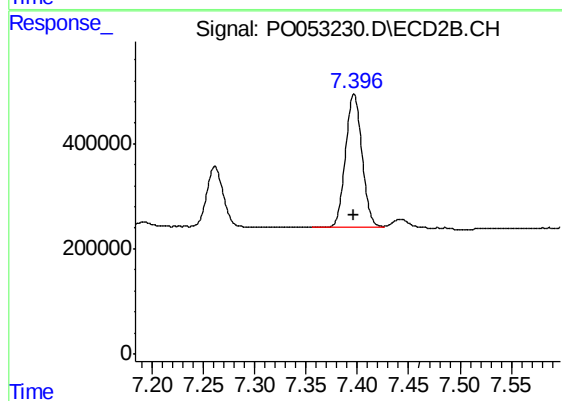
#43 AR-1268-3

R.T.: 7.168 min
Delta R.T.: 0.065 min
Response: 138574
Conc: 3.96 ng/ml



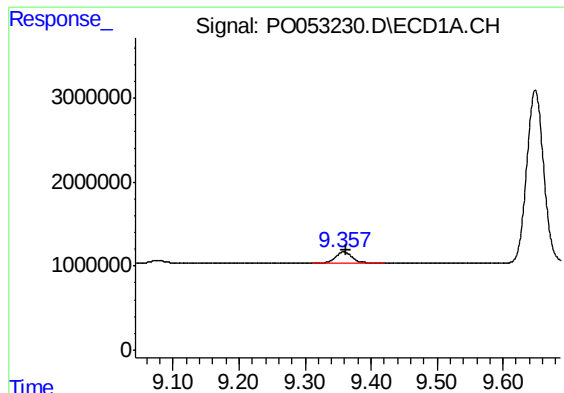
#44 AR-1268-4

R.T.: 8.996 min
Delta R.T.: -0.004 min
Response: 8571392
Conc: 199.29 ng/ml



#44 AR-1268-4

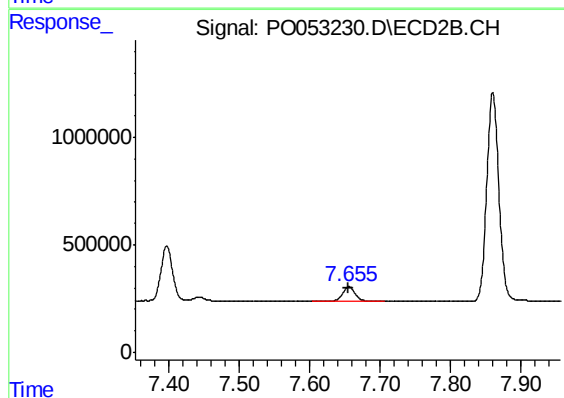
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 2848692
Conc: 196.78 ng/ml



#45 AR-1268-5

R.T.: 9.358 min
Delta R.T.: -0.004 min
Response: 2230736
Conc: 6.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.656 min
Delta R.T.: 0.001 min
Response: 798476
Conc: 7.64 ng/ml