

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110119\
 Data File : P0063406.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Nov 2019 14:37
 Operator : HP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 14:58:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.319	3.479	3240126	3168407	55.595	58.015
2)	SA Decachlor...	9.936	8.318	2666191	2023790	45.823	47.338
Target Compounds							
3)	L1 AR-1016-1	0.000	4.521	0	766033	N.D.	408.879 #
4)	L1 AR-1016-2	0.000	4.537	0	1437998	N.D.	527.215 #
5)	L1 AR-1016-3	0.000	4.707	0	630497	N.D.	454.289 #
6)	L1 AR-1016-4	0.000	4.749	0	516874	N.D.	462.788 #
7)	L1 AR-1016-5	0.000	4.954	0	664593	N.D.	441.144 #
8)	L2 AR-1221-1	0.000	3.684	0	76427	N.D.	147.809 #
9)	L2 AR-1221-2	0.000	3.767	0	124630	N.D.	322.800 #
10)	L2 AR-1221-3	0.000	3.839	0	459427	N.D.	373.635 #
11)	L3 AR-1232-1	0.000	3.839	0	459427	N.D.	269.178 #
12)	L3 AR-1232-2	0.000	4.537	0	1437998	N.D.	731.039 #
13)	L3 AR-1232-3	0.000	4.707	0	630497	N.D.	651.718 #
14)	L3 AR-1232-4	0.000	4.788	0	607549	N.D.	731.732 #
15)	L3 AR-1232-5	0.000	4.954	0	664593	N.D.	710.067 #
16)	L4 AR-1242-1	0.000	4.521	0	766033	N.D.	554.345 #
17)	L4 AR-1242-2	0.000	4.537	0	1437998	N.D.	700.889 #
18)	L4 AR-1242-3	0.000	4.707	0	630497	N.D.	601.626 #
19)	L4 AR-1242-4	0.000	4.788	0	607549	N.D.	612.066 #
20)	L4 AR-1242-5	0.000	5.294	0	500461	N.D.	358.233 #
21)	L5 AR-1248-1	0.000	4.521	0	766033	N.D.	700.855 #
22)	L5 AR-1248-2	0.000	4.749	0	516874	N.D.	369.617 #
23)	L5 AR-1248-3	0.000	4.788	0	607549	N.D.	420.101 #
24)	L5 AR-1248-4	0.000	4.954	0	664593	N.D.	369.074 #
25)	L5 AR-1248-5	0.000	5.333	0	116897	N.D.	63.237 #
26)	L6 AR-1254-1	0.000	5.294	0	500461	N.D.	166.140 #
27)	L6 AR-1254-2	0.000	5.438	0	468397	N.D.	173.673 #
28)	L6 AR-1254-3	0.000	5.844	0	1083434	N.D.	252.360 #
29)	L6 AR-1254-4	0.000	6.055	0	184694	N.D.	64.813 #
30)	L6 AR-1254-5	7.604	6.461	2173513	1743627	655.263	467.756 #
31)	L7 AR-1260-1	0.000	5.957	0	1432955	N.D.	518.839 #
32)	L7 AR-1260-2	7.322	6.143	1602083	2090621	396.855	544.876 #
33)	L7 AR-1260-3	7.679	6.290	1397408	1710337	435.129	545.104 #
34)	L7 AR-1260-4	0.000	6.752	0	1314613	N.D.	519.220 #
35)	L7 AR-1260-5	8.215	6.993	2740768	3300267	467.324	541.435
36)	L8 AR-1262-1	7.679	6.551	1397408	904072	292.744	496.861 #
37)	L8 AR-1262-2	8.215	6.993	2740768	3300267	393.117	463.060
38)	L8 AR-1262-3	0.000	7.269	0	722124	N.D.	269.436 #
39)	L8 AR-1262-4	0.000	7.332	0	2176800	N.D.	474.671 #
40)	L8 AR-1262-5	0.000	7.823	0	714832	N.D.	364.275 #
41)	L9 AR-1268-1	0.000	7.269	0	722124	N.D.	90.621 #
42)	L9 AR-1268-2	0.000	7.332	0	2176800	N.D.	330.594 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110119\
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 Acq On : 01 Nov 2019 14:37
 Operator : HP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

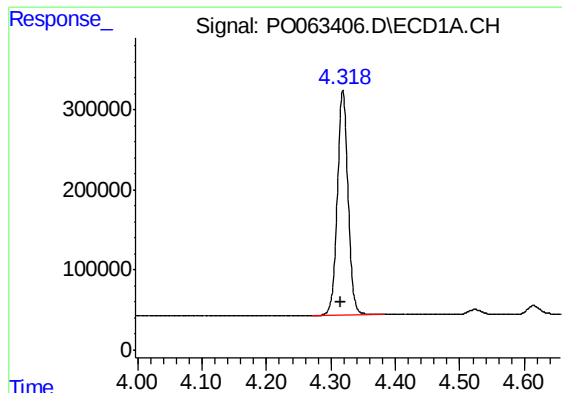
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 14:58:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102919.M
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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
43) L9	AR-1268-3	0.000	7.535	0	33072	N.D.	5.918 #
44) L9	AR-1268-4	0.000	7.823	0	714832	N.D.	331.194 #
45) L9	AR-1268-5	0.000	8.091	0	170343	N.D.	11.377 #

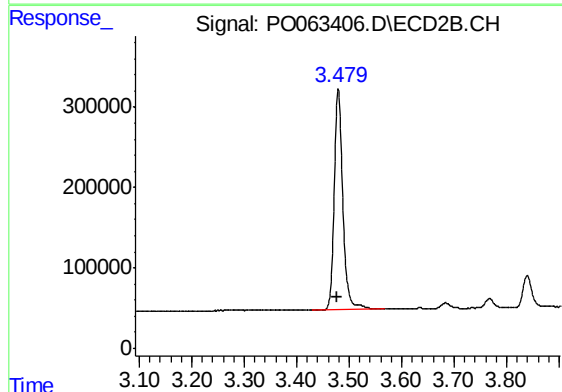
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

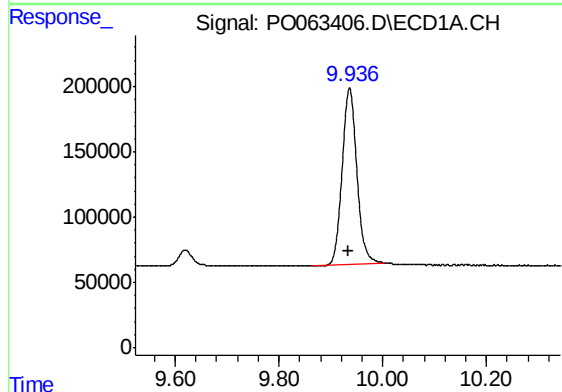
R.T.: 4.319 min
Delta R.T.: 0.003 min
Response: 3240126
Conc: 55.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



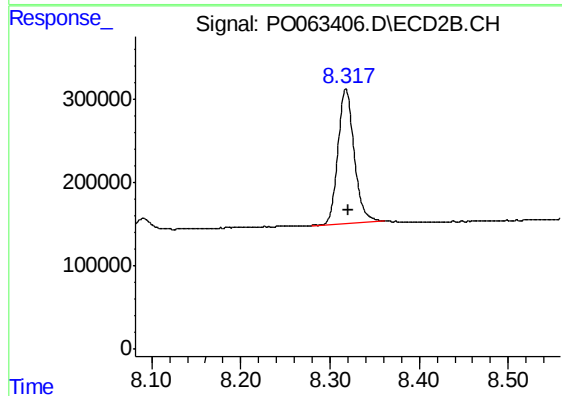
#1 Tetrachloro-m-xylene

R.T.: 3.479 min
Delta R.T.: 0.001 min
Response: 3168407
Conc: 58.01 ng/ml



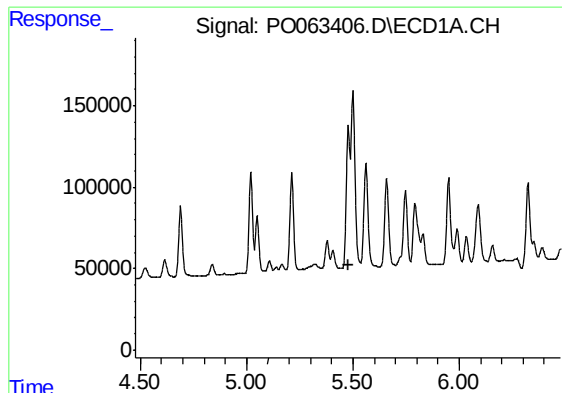
#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.003 min
Response: 2666191
Conc: 45.82 ng/ml



#2 Decachlorobiphenyl

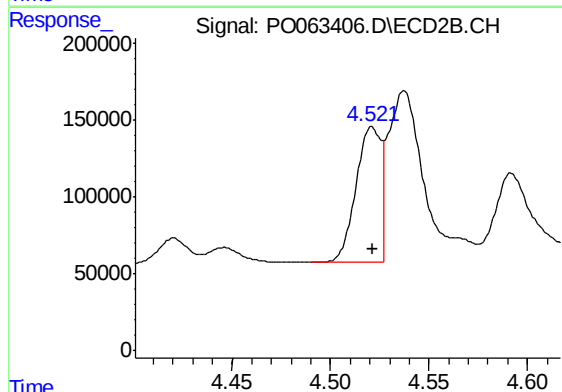
R.T.: 8.318 min
Delta R.T.: -0.003 min
Response: 2023790
Conc: 47.34 ng/ml



#3 AR-1016-1

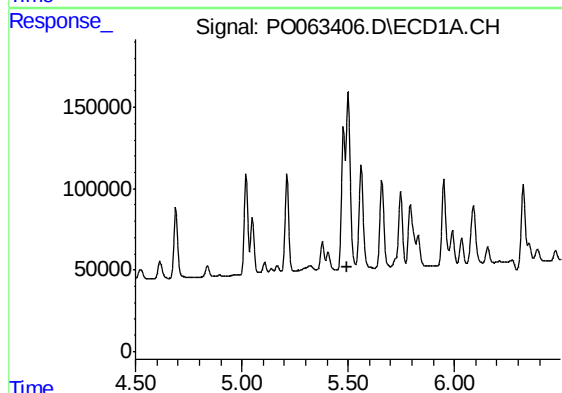
R.T.: 0.000 min
Exp R.T. : 5.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



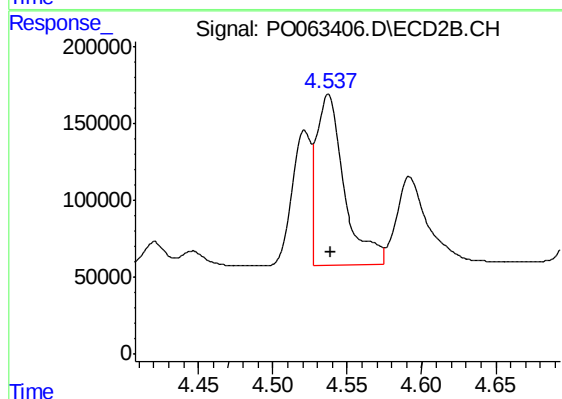
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 766033
Conc: 408.88 ng/ml



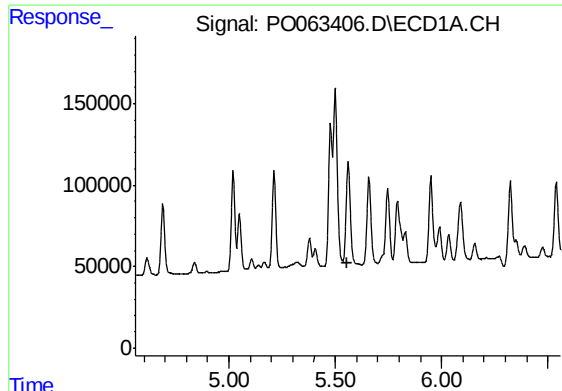
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.



#4 AR-1016-2

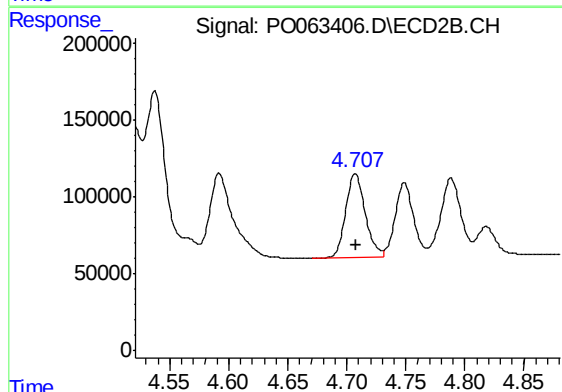
R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 1437998
Conc: 527.22 ng/ml



#5 AR-1016-3

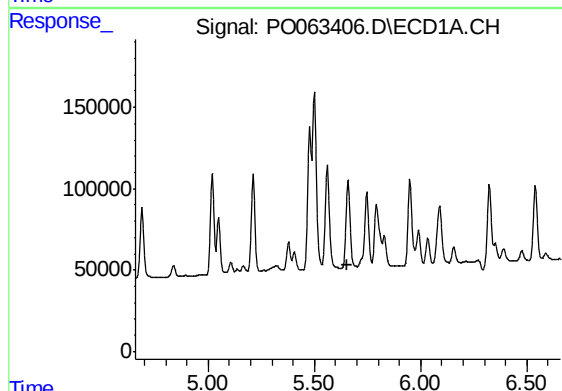
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



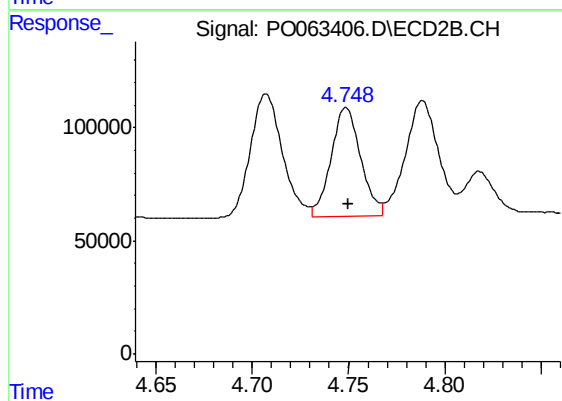
#5 AR-1016-3

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 630497
Conc: 454.29 ng/ml



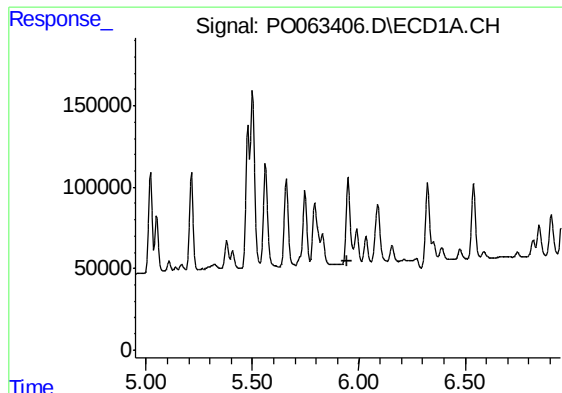
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.658 min
Response: 0
Conc: N.D.



#6 AR-1016-4

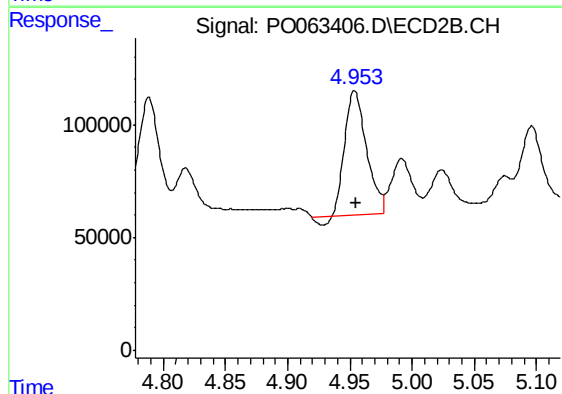
R.T.: 4.749 min
Delta R.T.: -0.002 min
Response: 516874
Conc: 462.79 ng/ml



#7 AR-1016-5

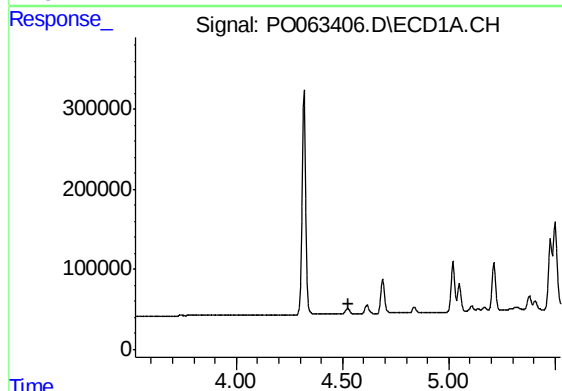
R.T.: 0.000 min
Exp R.T.: 5.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



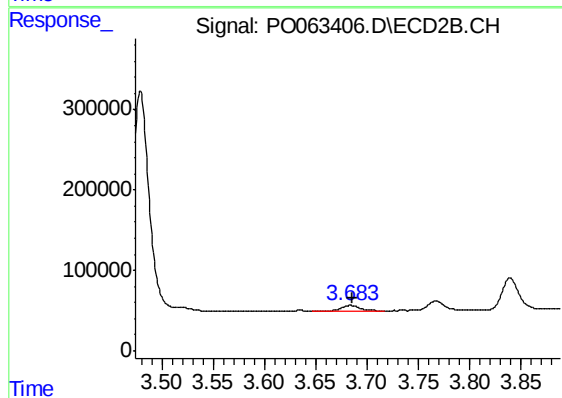
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 664593
Conc: 441.14 ng/ml



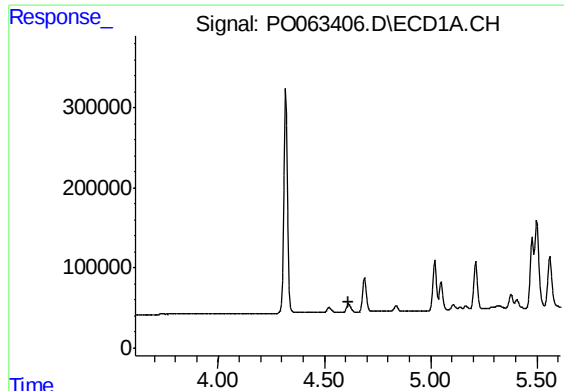
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.



#8 AR-1221-1

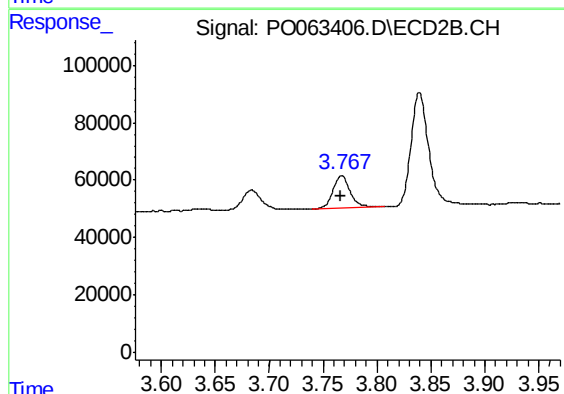
R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 76427
Conc: 147.81 ng/ml



#9 AR-1221-2

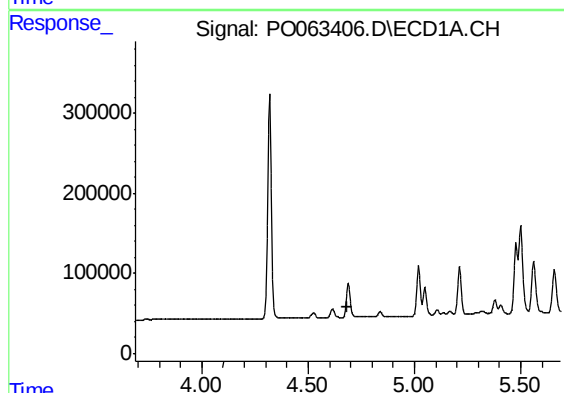
R.T.: 0.000 min
Exp R.T. : 4.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



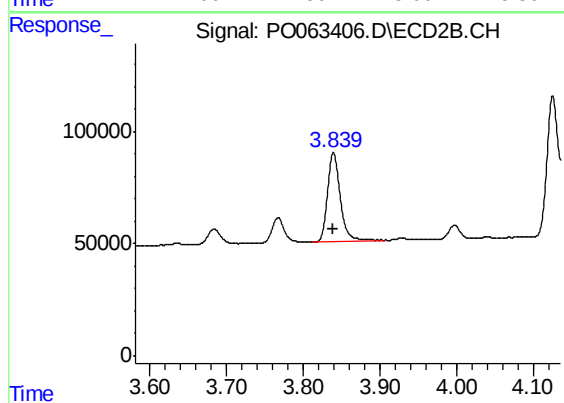
#9 AR-1221-2

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 124630
Conc: 322.80 ng/ml



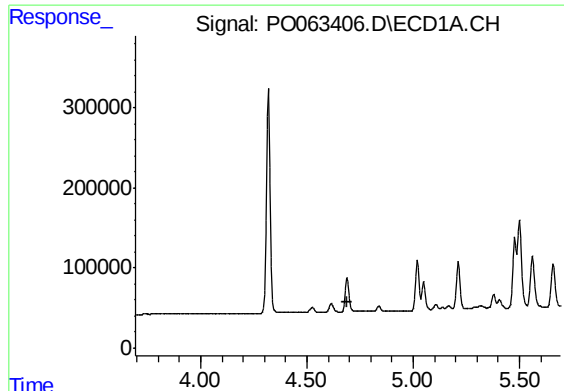
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.687 min
Response: 0
Conc: N.D.



#10 AR-1221-3

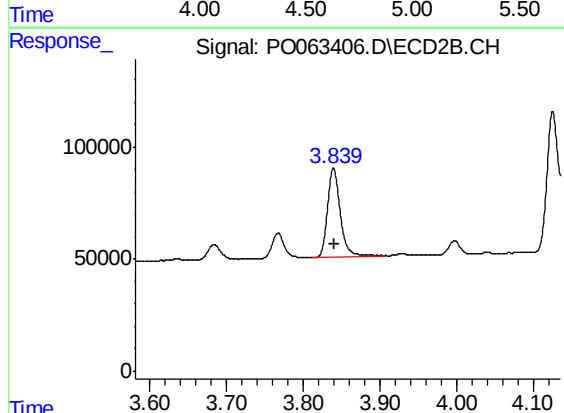
R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 459427
Conc: 373.63 ng/ml



#11 AR-1232-1

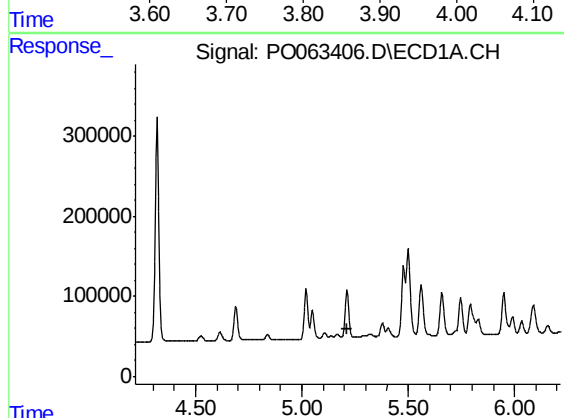
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



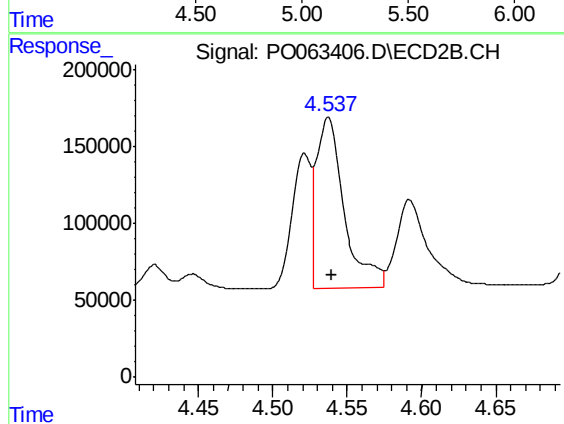
#11 AR-1232-1

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 459427
Conc: 269.18 ng/ml



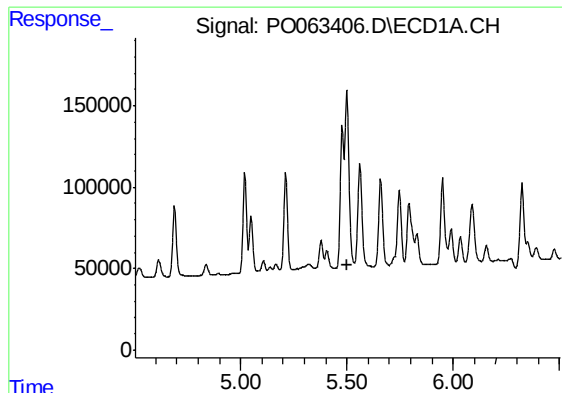
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.216 min
Response: 0
Conc: N.D.



#12 AR-1232-2

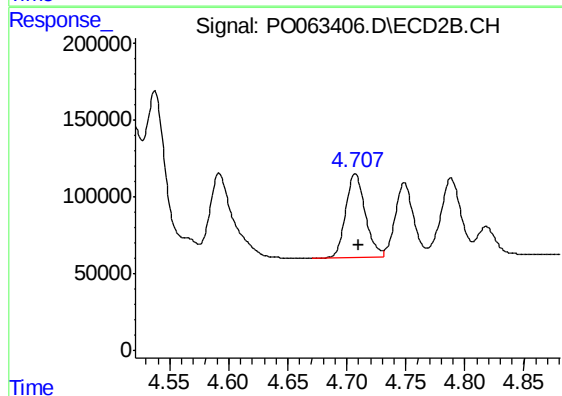
R.T.: 4.537 min
Delta R.T.: -0.003 min
Response: 1437998
Conc: 731.04 ng/ml



#13 AR-1232-3

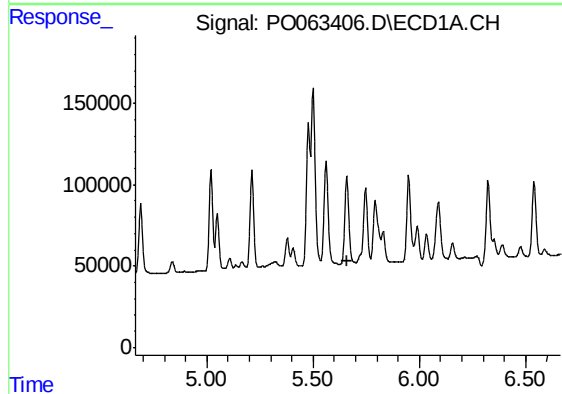
R.T.: 0.000 min
Exp R.T.: 5.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



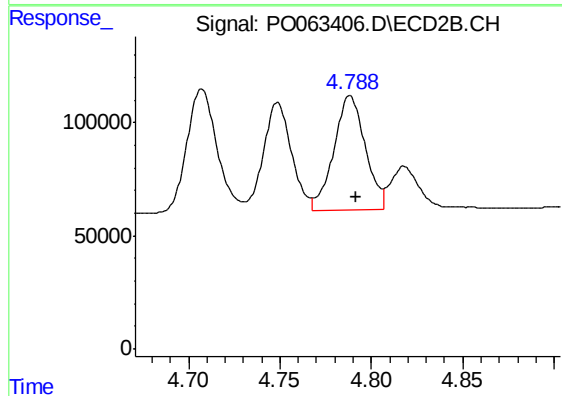
#13 AR-1232-3

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 630497
Conc: 651.72 ng/ml



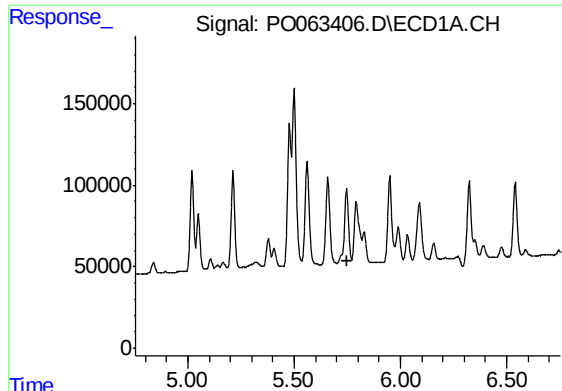
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.664 min
Response: 0
Conc: N.D.



#14 AR-1232-4

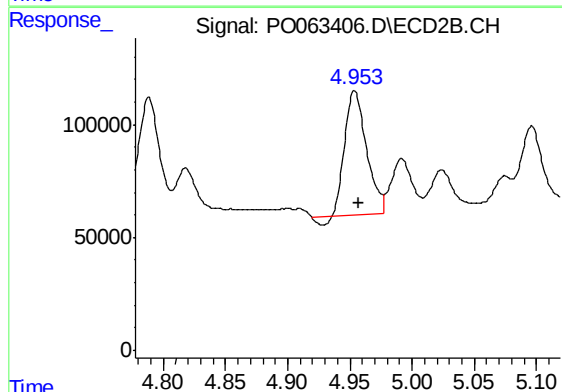
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 607549
Conc: 731.73 ng/ml



#15 AR-1232-5

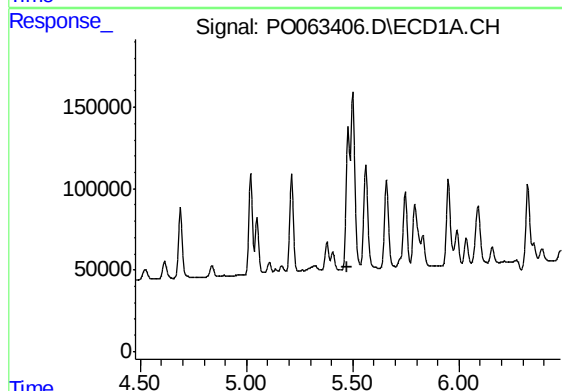
R.T.: 0.000 min
Exp R.T.: 5.753 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



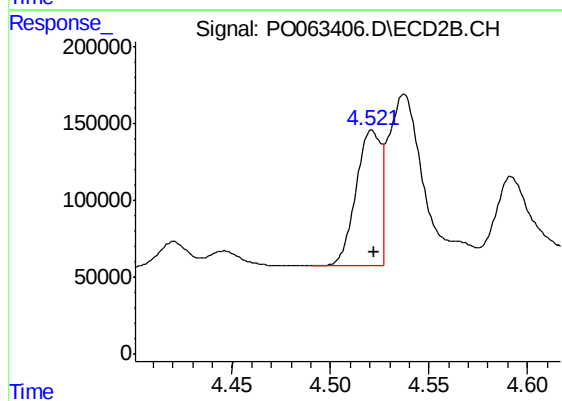
#15 AR-1232-5

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 664593
Conc: 710.07 ng/ml



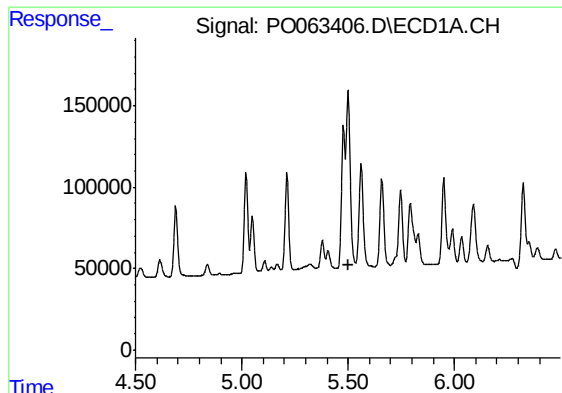
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.477 min
Response: 0
Conc: N.D.



#16 AR-1242-1

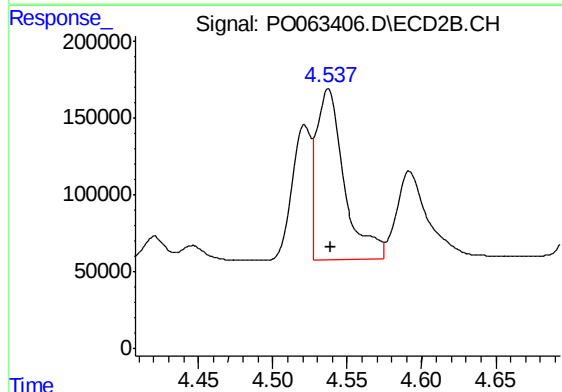
R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 766033
Conc: 554.35 ng/ml



#17 AR-1242-2

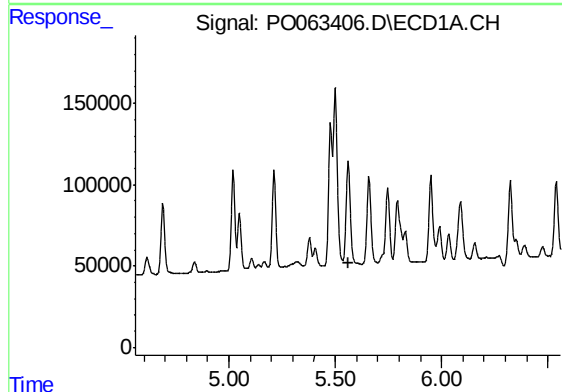
R.T.: 0.000 min
Exp R.T.: 5.499 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



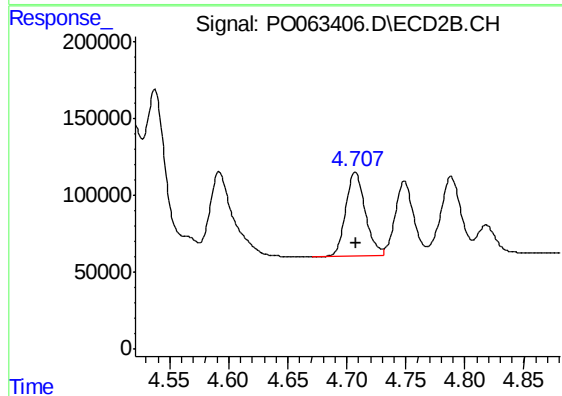
#17 AR-1242-2

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 1437998
Conc: 700.89 ng/ml



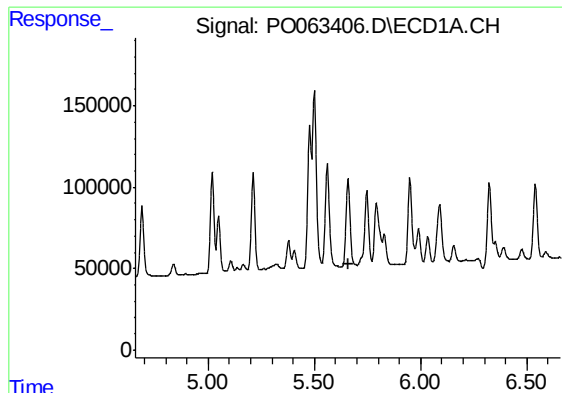
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.



#18 AR-1242-3

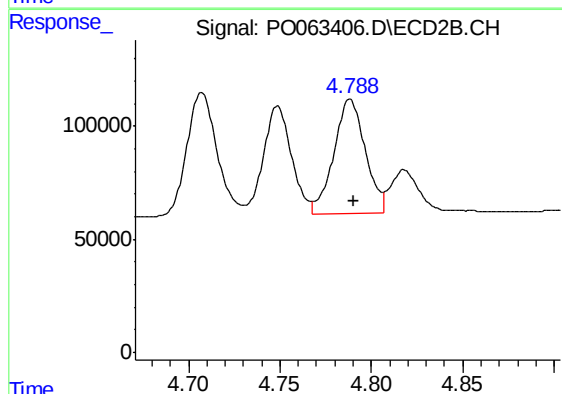
R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 630497
Conc: 601.63 ng/ml



#19 AR-1242-4

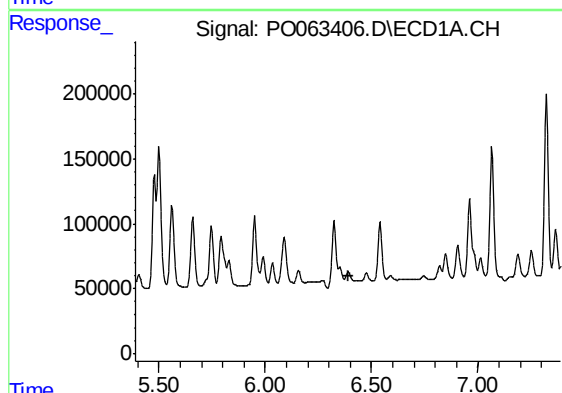
R.T.: 0.000 min
Exp R.T. : 5.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



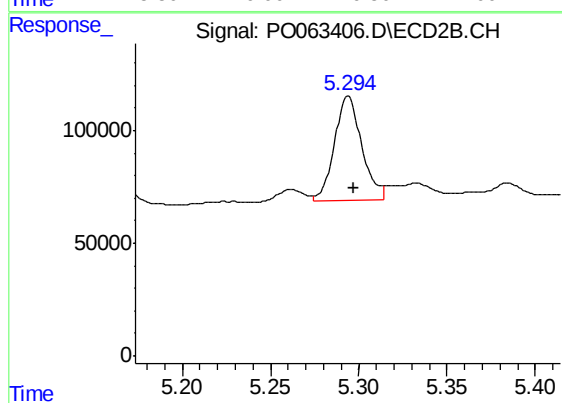
#19 AR-1242-4

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 607549
Conc: 612.07 ng/ml



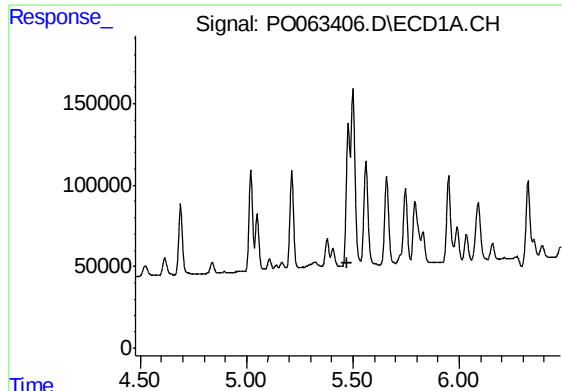
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.389 min
Response: 0
Conc: N.D.



#20 AR-1242-5

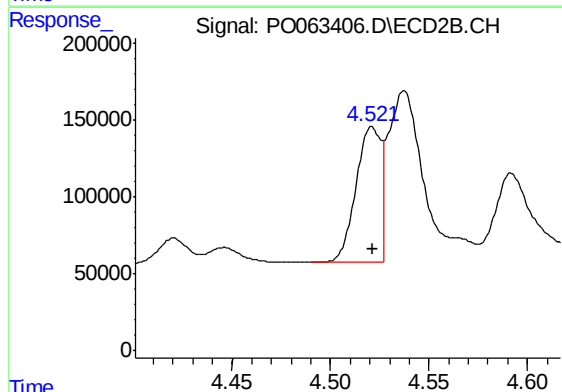
R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 500461
Conc: 358.23 ng/ml



#21 AR-1248-1

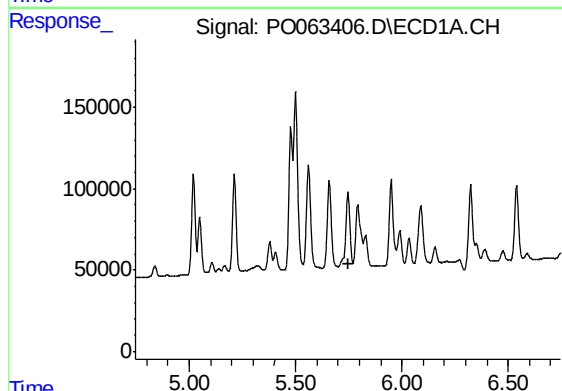
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



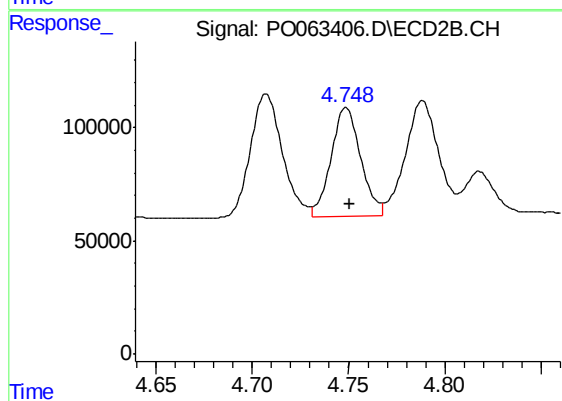
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 766033
Conc: 700.85 ng/ml



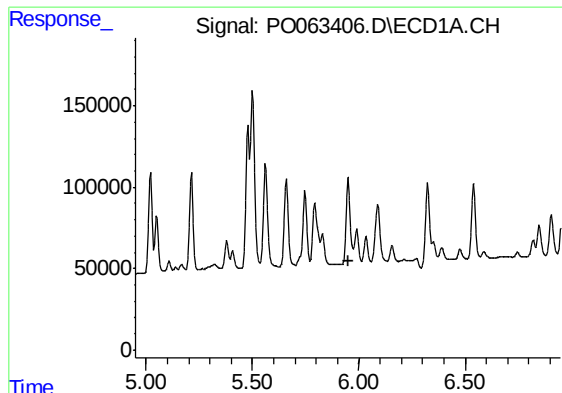
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.746 min
Response: 0
Conc: N.D.



#22 AR-1248-2

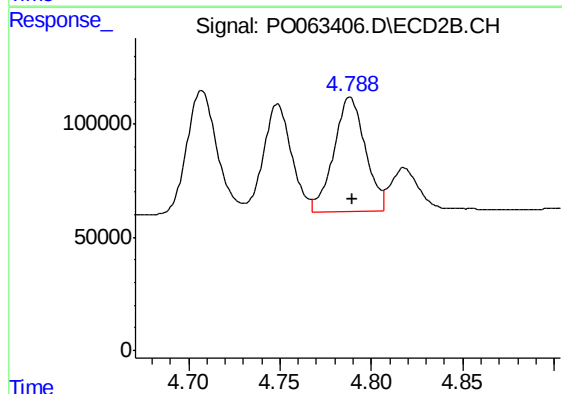
R.T.: 4.749 min
Delta R.T.: -0.002 min
Response: 516874
Conc: 369.62 ng/ml



#23 AR-1248-3

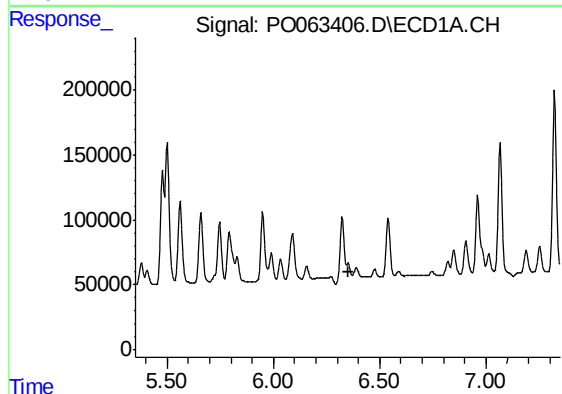
R.T.: 0.000 min
Exp R.T.: 5.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



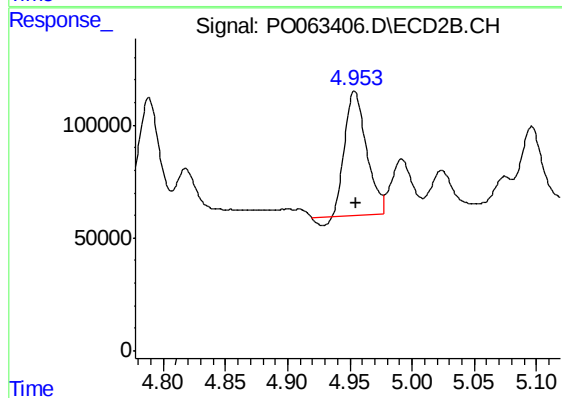
#23 AR-1248-3

R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 607549
Conc: 420.10 ng/ml



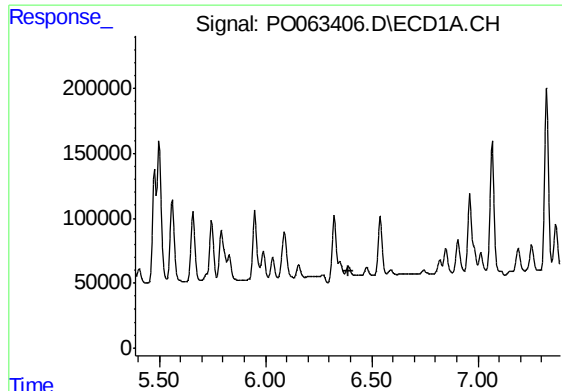
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.351 min
Response: 0
Conc: N.D.



#24 AR-1248-4

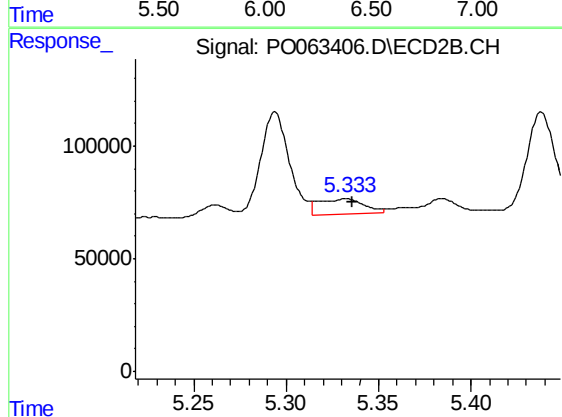
R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 664593
Conc: 369.07 ng/ml



#25 AR-1248-5

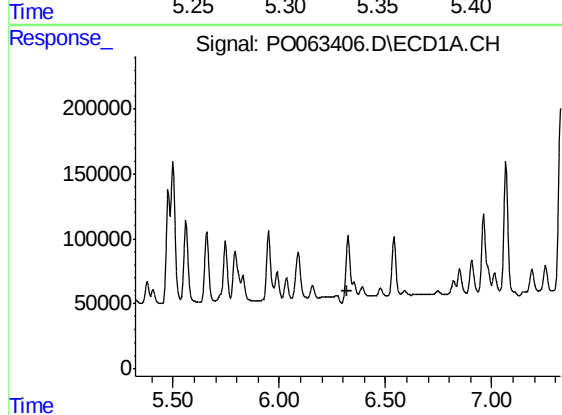
R.T.: 0.000 min
Exp R.T.: 6.388 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



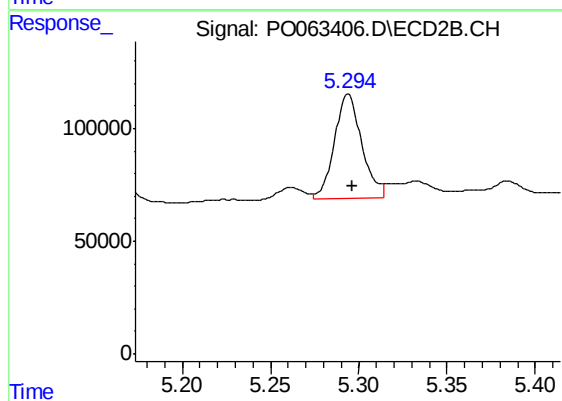
#25 AR-1248-5

R.T.: 5.333 min
Delta R.T.: -0.003 min
Response: 116897
Conc: 63.24 ng/ml



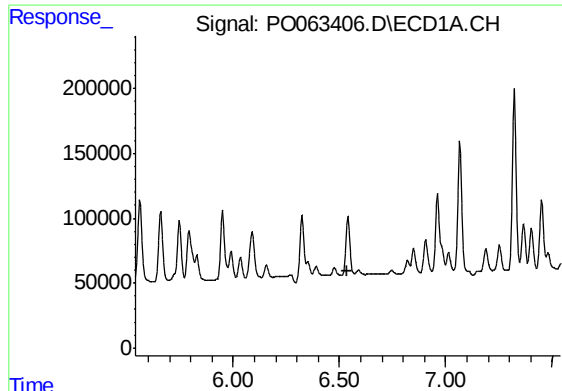
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.323 min
Response: 0
Conc: N.D.



#26 AR-1254-1

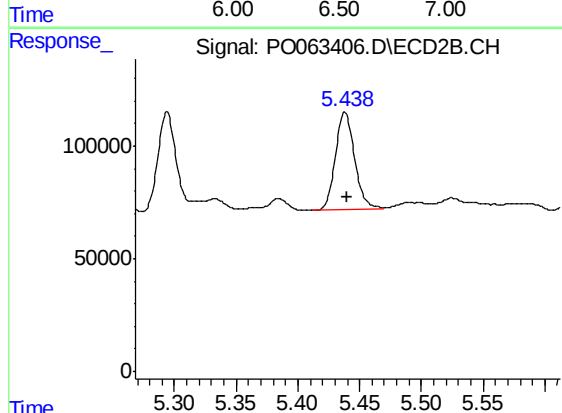
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 500461
Conc: 166.14 ng/ml



#27 AR-1254-2

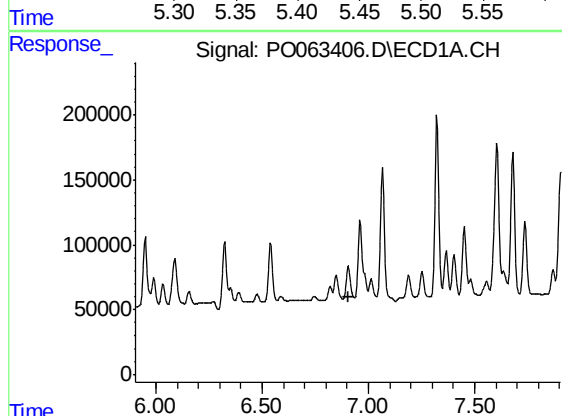
R.T.: 0.000 min
Exp R.T. : 6.539 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



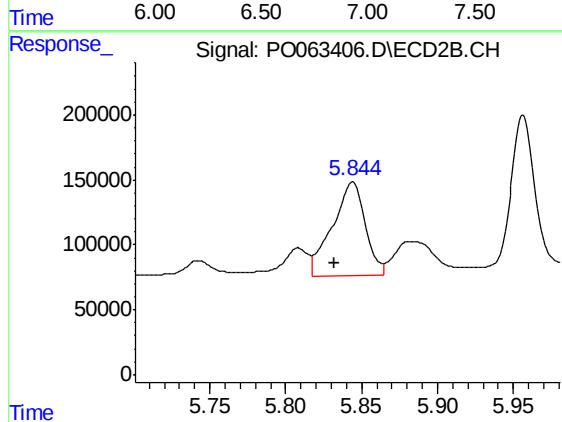
#27 AR-1254-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 468397
Conc: 173.67 ng/ml



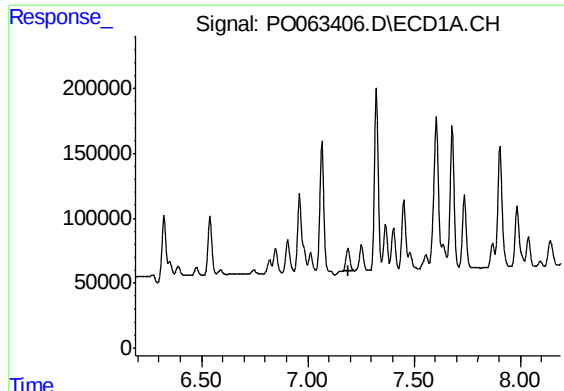
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.904 min
Response: 0
Conc: N.D.



#28 AR-1254-3

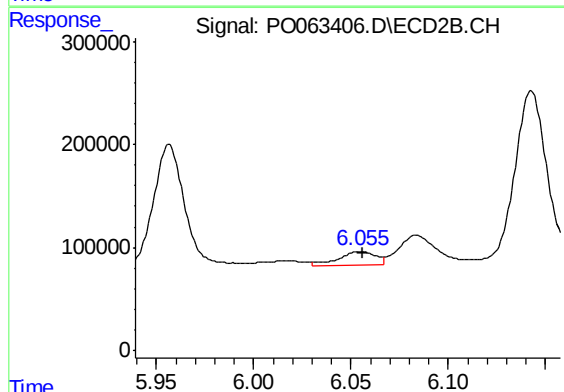
R.T.: 5.844 min
Delta R.T.: 0.012 min
Response: 1083434
Conc: 252.36 ng/ml



#29 AR-1254-4

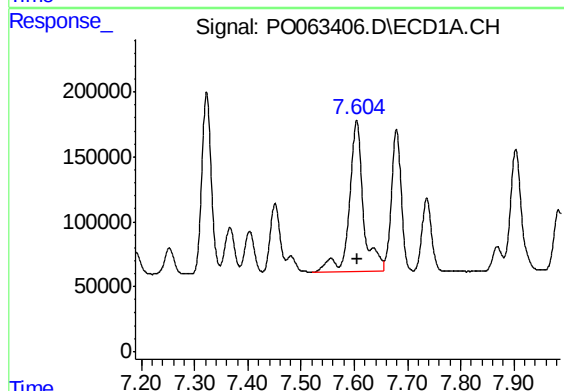
R.T.: 0.000 min
Exp R.T.: 7.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



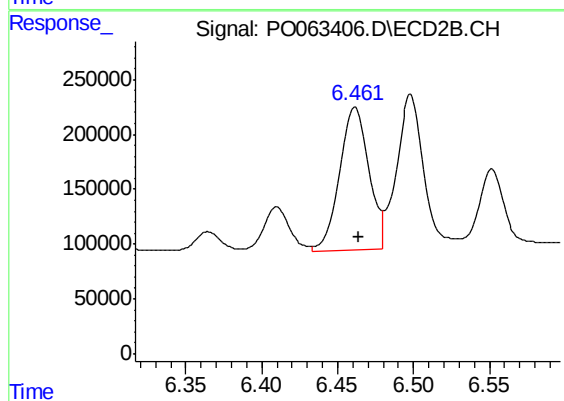
#29 AR-1254-4

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 184694
Conc: 64.81 ng/ml



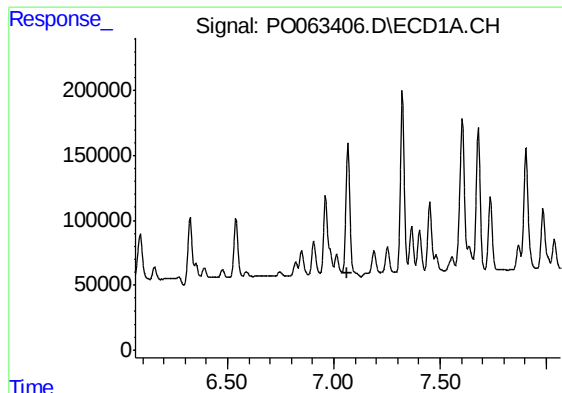
#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: -0.001 min
Response: 2173513
Conc: 655.26 ng/ml



#30 AR-1254-5

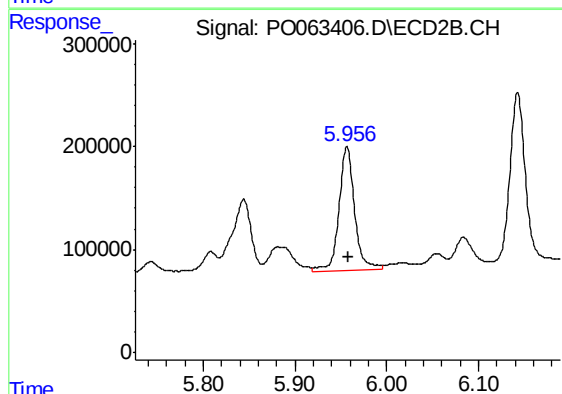
R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 1743627
Conc: 467.76 ng/ml



#31 AR-1260-1

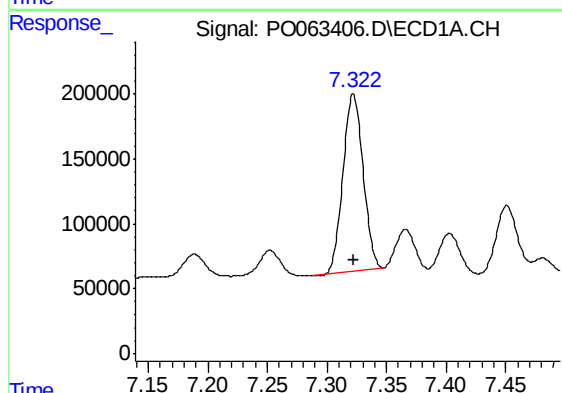
R.T.: 0.000 min
Exp R.T.: 7.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



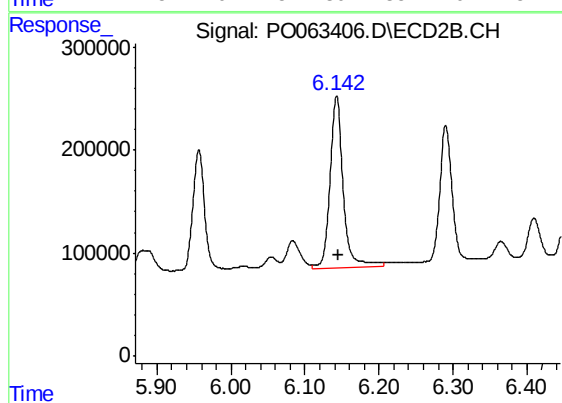
#31 AR-1260-1

R.T.: 5.957 min
Delta R.T.: -0.002 min
Response: 1432955
Conc: 518.84 ng/ml



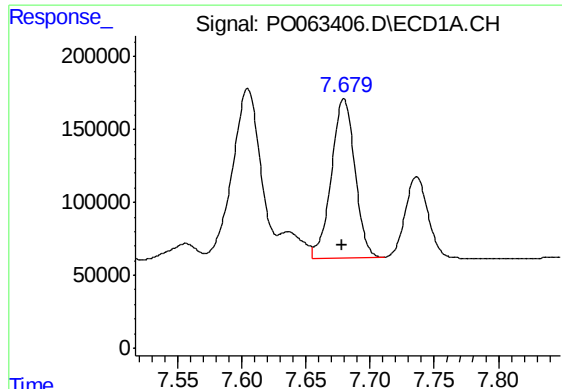
#32 AR-1260-2

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 1602083
Conc: 396.85 ng/ml



#32 AR-1260-2

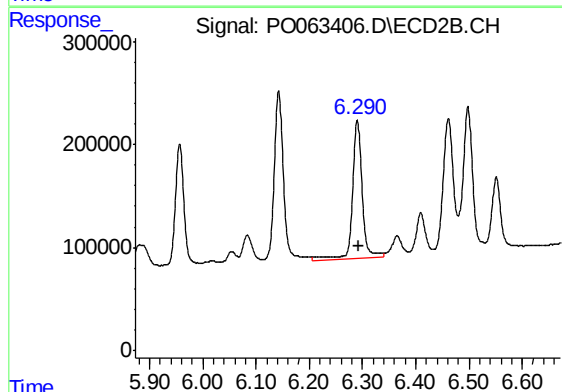
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 2090621
Conc: 544.88 ng/ml



#33 AR-1260-3

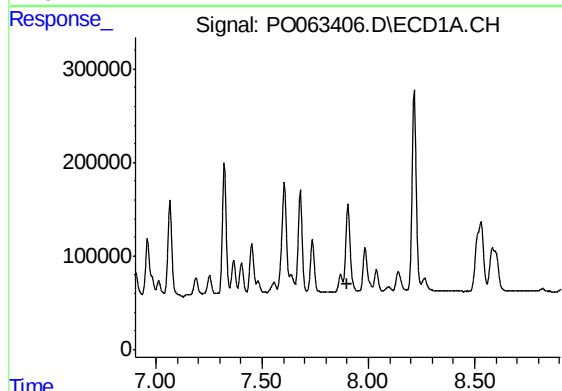
R.T.: 7.679 min
Delta R.T.: 0.001 min
Response: 1397408
Conc: 435.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



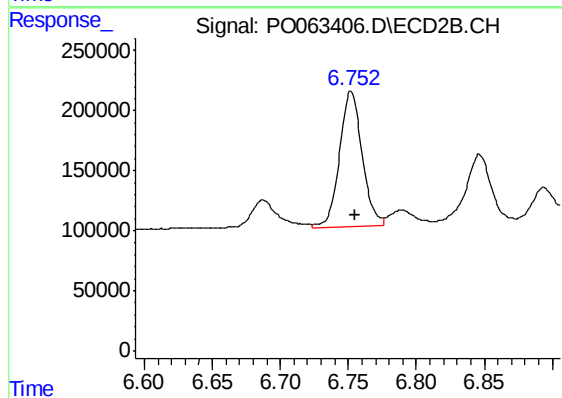
#33 AR-1260-3

R.T.: 6.290 min
Delta R.T.: -0.002 min
Response: 1710337
Conc: 545.10 ng/ml



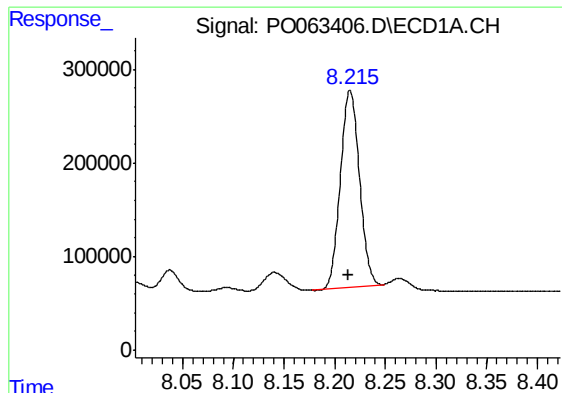
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.904 min
Response: 0
Conc: N.D.



#34 AR-1260-4

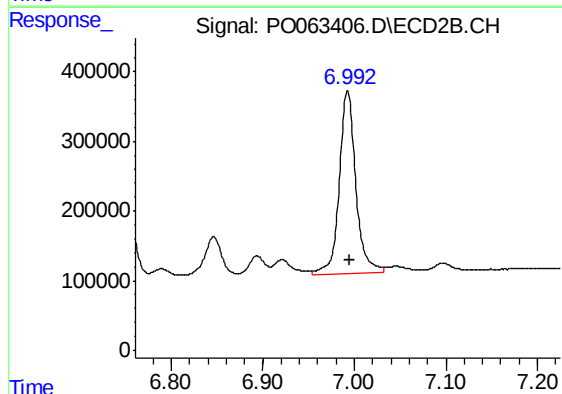
R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 1314613
Conc: 519.22 ng/ml



#35 AR-1260-5

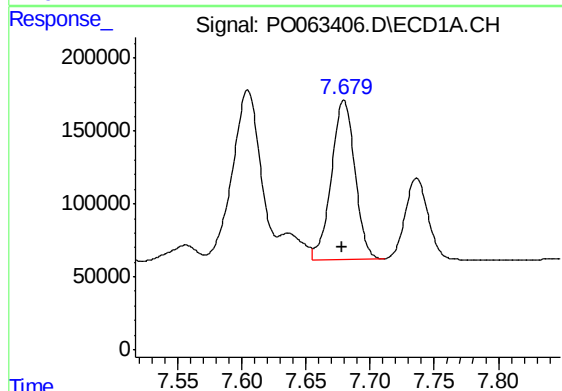
R.T.: 8.215 min
Delta R.T.: 0.001 min
Response: 2740768
Conc: 467.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



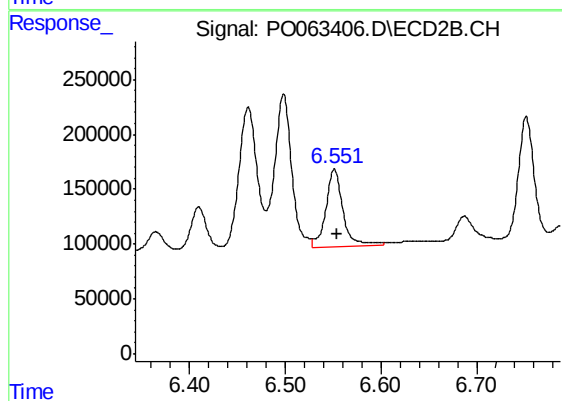
#35 AR-1260-5

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 3300267
Conc: 541.43 ng/ml



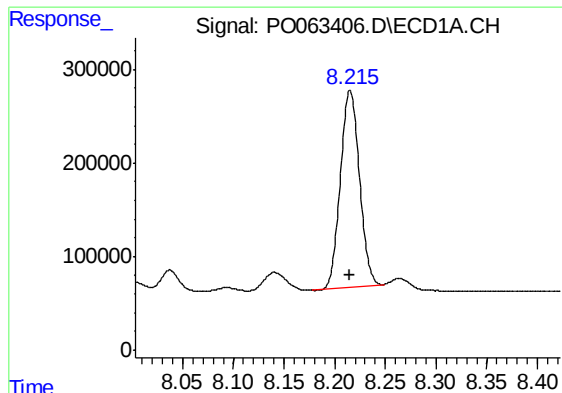
#36 AR-1262-1

R.T.: 7.679 min
Delta R.T.: 0.001 min
Response: 1397408
Conc: 292.74 ng/ml



#36 AR-1262-1

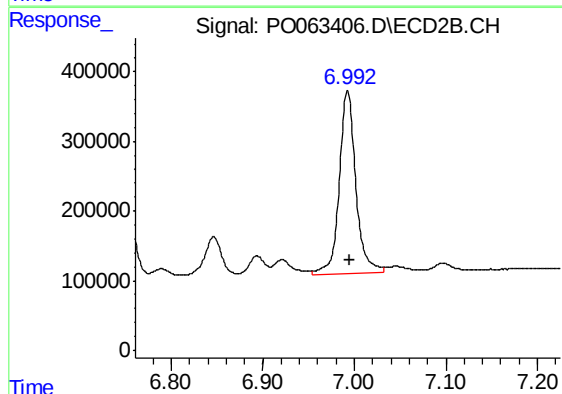
R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 904072
Conc: 496.86 ng/ml



#37 AR-1262-2

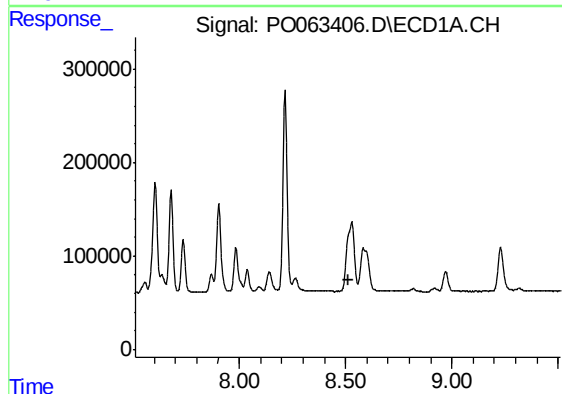
R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 2740768
Conc: 393.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



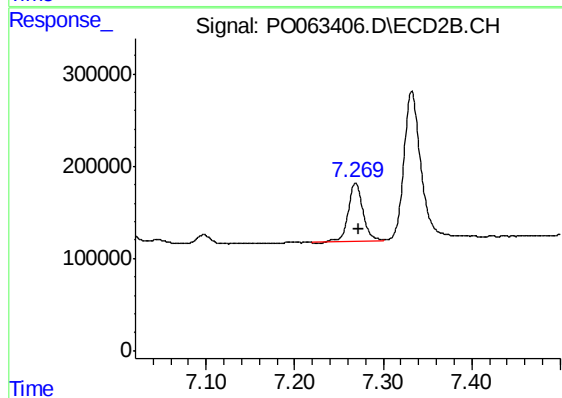
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 3300267
Conc: 463.06 ng/ml



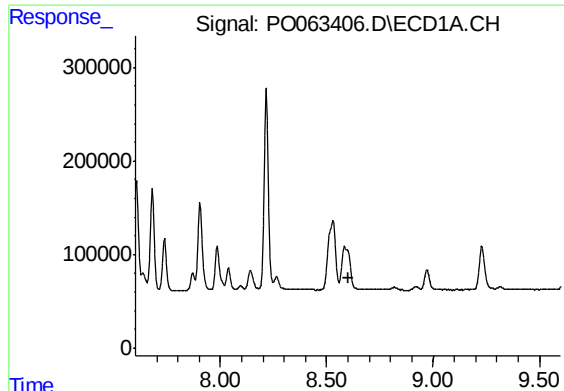
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.512 min
Response: 0
Conc: N.D.



#38 AR-1262-3

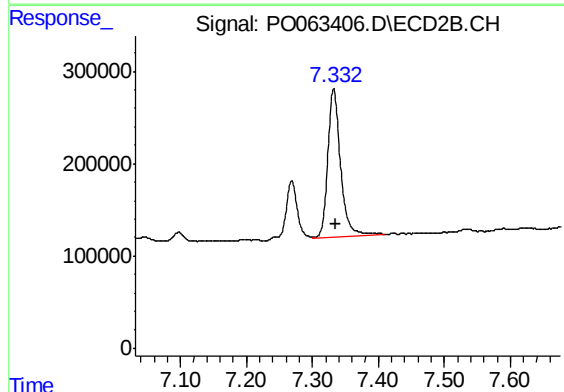
R.T.: 7.269 min
Delta R.T.: -0.003 min
Response: 722124
Conc: 269.44 ng/ml



#39 AR-1262-4

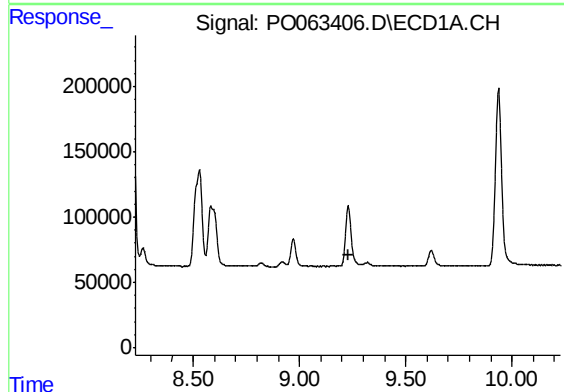
R.T.: 0.000 min
Exp R.T. : 8.600 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



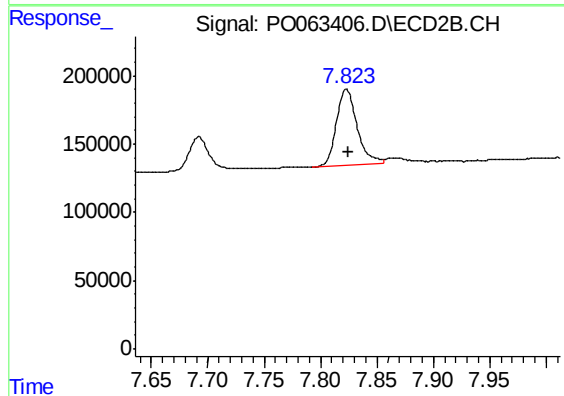
#39 AR-1262-4

R.T.: 7.332 min
Delta R.T.: -0.003 min
Response: 2176800
Conc: 474.67 ng/ml



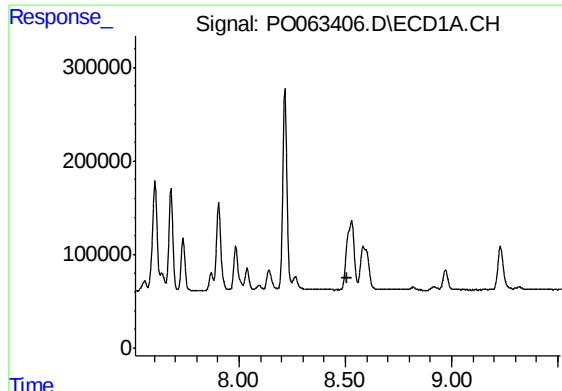
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



#40 AR-1262-5

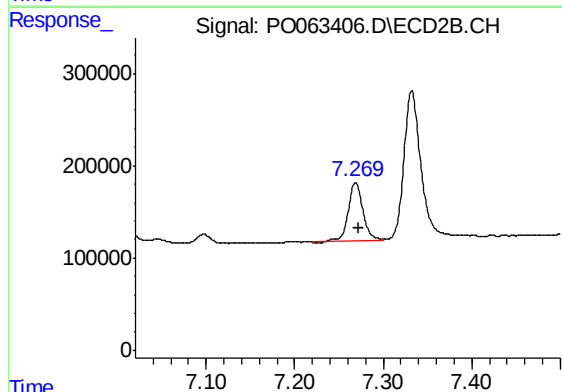
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 714832
Conc: 364.28 ng/ml



#41 AR-1268-1

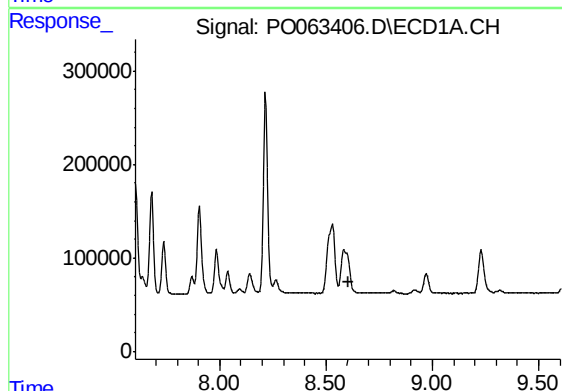
R.T.: 0.000 min
Exp R.T. : 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



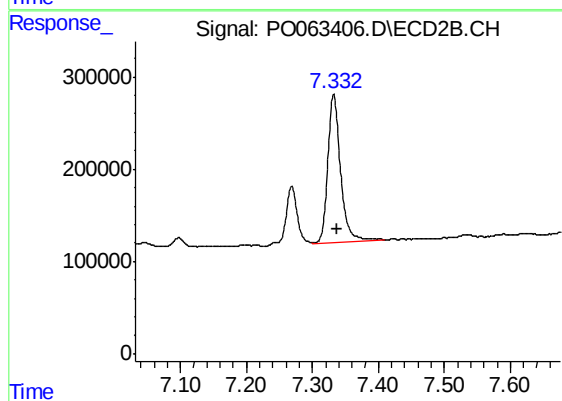
#41 AR-1268-1

R.T.: 7.269 min
Delta R.T.: -0.003 min
Response: 722124
Conc: 90.62 ng/ml



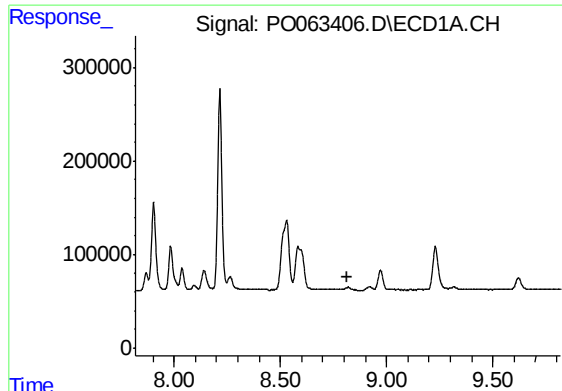
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.603 min
Response: 0
Conc: N.D.



#42 AR-1268-2

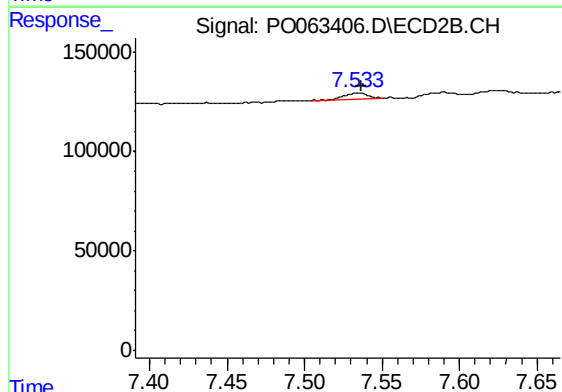
R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 2176800
Conc: 330.59 ng/ml



#43 AR-1268-3

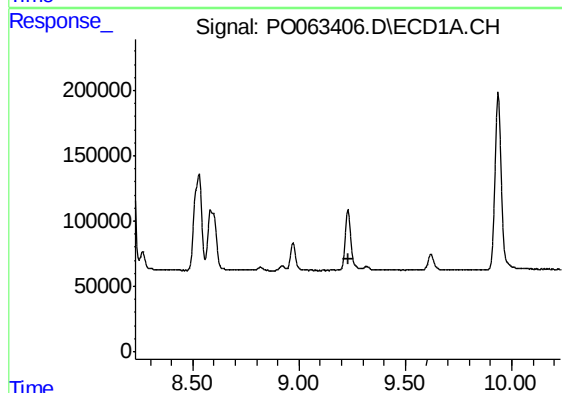
R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



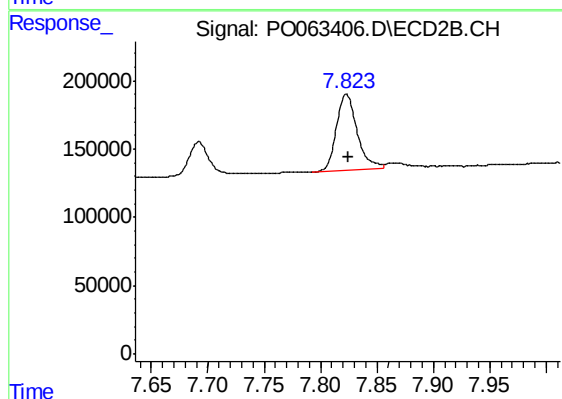
#43 AR-1268-3

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 33072
Conc: 5.92 ng/ml



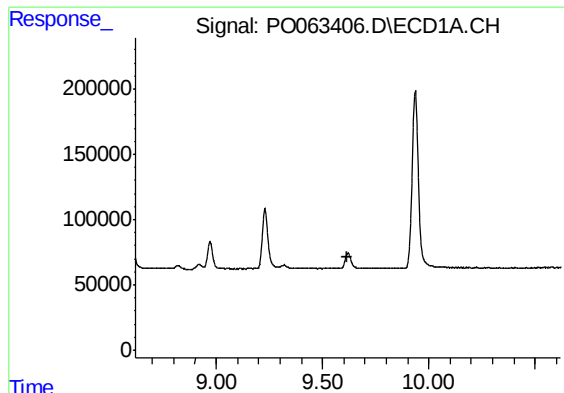
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.230 min
Response: 0
Conc: N.D.



#44 AR-1268-4

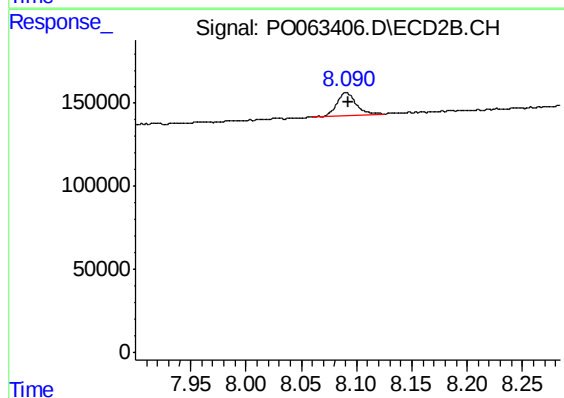
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 714832
Conc: 331.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 170343
Conc: 11.38 ng/ml