

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060619\
 Data File : P0056952.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Jun 2019 22:58
 Operator : SM/SJ
 Sample : K3183-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-COMP-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 02:37:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.246	3.565	850675	688672	22.220	20.882
2)	SA Decachlor...	9.817	8.498	835414	587243	17.020	16.469
Target Compounds							
3)	L1 AR-1016-1	0.000	4.651	0	216622	N.D.	172.129 #
4)	L1 AR-1016-2	0.000	4.651	0	216622	N.D.	120.237 #
5)	L1 AR-1016-3	0.000	4.825	0	119642	N.D.	121.348 #
6)	L1 AR-1016-4	0.000	4.866	0	98643	N.D.	119.156 #
7)	L1 AR-1016-5	0.000	5.077	0	70765	N.D.	65.967 #
9)	L2 AR-1221-2	0.000	3.861	0	28339	N.D.	75.197 #
10)	L2 AR-1221-3	0.000	3.934	0	71380	N.D.	59.630 #
11)	L3 AR-1232-1	0.000	3.934	0	71380	N.D.	79.456 #
12)	L3 AR-1232-2	0.000	4.651	0	216622	N.D.	222.890 #
13)	L3 AR-1232-3	0.000	4.825	0	119642	N.D.	228.633 #
14)	L3 AR-1232-4	0.000	4.907	0	108803	N.D.	220.836 #
15)	L3 AR-1232-5	0.000	5.077	0	70765	N.D.	125.635 #
16)	L4 AR-1242-1	0.000	4.651	0	216622	N.D.	174.895 #
17)	L4 AR-1242-2	0.000	4.651	0	216622	N.D.	120.451 #
18)	L4 AR-1242-3	0.000	4.825	0	119642	N.D.	121.698 #
19)	L4 AR-1242-4	0.000	4.907	0	108803	N.D.	111.811 #
20)	L4 AR-1242-5	0.000	5.425	0	92566	N.D.	78.295 #
21)	L5 AR-1248-1	0.000	4.651	0	216622	N.D.	231.306 #
22)	L5 AR-1248-2	0.000	4.866	0	98643	N.D.	77.644 #
23)	L5 AR-1248-3	0.000	4.907	0	108803	N.D.	83.316 #
24)	L5 AR-1248-4	0.000	5.077	0	70765	N.D.	44.685 #
25)	L5 AR-1248-5	0.000	5.425	0	92566	N.D.	55.929 #
26)	L6 AR-1254-1	0.000	5.425	0	92566	N.D.	35.000 #
27)	L6 AR-1254-2	0.000	5.570	0	94846	N.D.	43.996 #
28)	L6 AR-1254-3	0.000	5.984	0	206608	N.D.	56.434 #
29)	L6 AR-1254-4	0.000	6.198	0	21561	N.D.	9.814 #
30)	L6 AR-1254-5	7.534	6.610	494987	368757	131.448	116.318
31)	L7 AR-1260-1	0.000	6.098	0	263255	N.D.	131.602 #
32)	L7 AR-1260-2	7.251	6.286	441186	320216	145.887	129.907
33)	L7 AR-1260-3	0.000	6.437	0	287942	N.D.	128.360 #
34)	L7 AR-1260-4	0.000	6.904	0	203777	N.D.	109.498 #
35)	L7 AR-1260-5	8.140	7.146	494585	488138	103.424	113.196
36)	L8 AR-1262-1	0.000	6.646	0	249760	N.D.	59.836 #
37)	L8 AR-1262-2	8.140	7.146	494585	488138	64.874	71.047
38)	L8 AR-1262-3	0.000	7.424	0	110778	N.D.	37.508 #
39)	L8 AR-1262-4	0.000	7.490	0	333920	N.D.	64.085 #
40)	L8 AR-1262-5	0.000	7.982	0	90414	N.D.	38.936 #
41)	L9 AR-1268-1	0.000	7.424	0	110778	N.D.	14.839 #
42)	L9 AR-1268-2	0.000	7.490	0	333920	N.D.	47.818 #
43)	L9 AR-1268-3	0.000	7.691	0	24565	N.D.	4.139 #

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

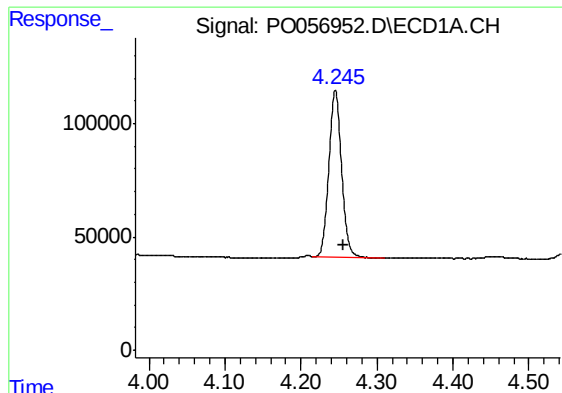
Instrument :
 ECD_O
 ClientSampleId :
 SP-COMP-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 02:37:51 2019
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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
44) L9	AR-1268-4	0.000	7.982	0	90414	N.D.	38.734 #
45) L9	AR-1268-5	0.000	8.257	0	69897	N.D.	4.039 #

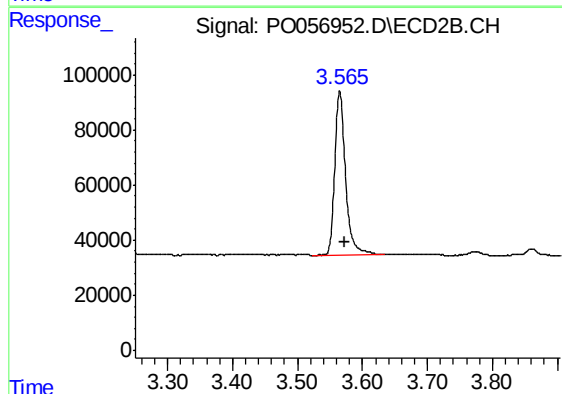
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

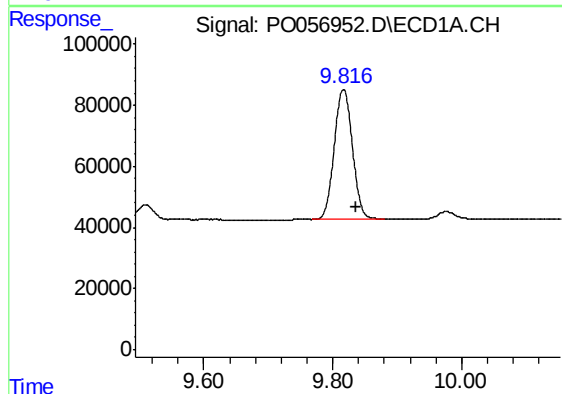
R.T.: 4.246 min
Delta R.T.: -0.010 min
Response: 850675
Conc: 22.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



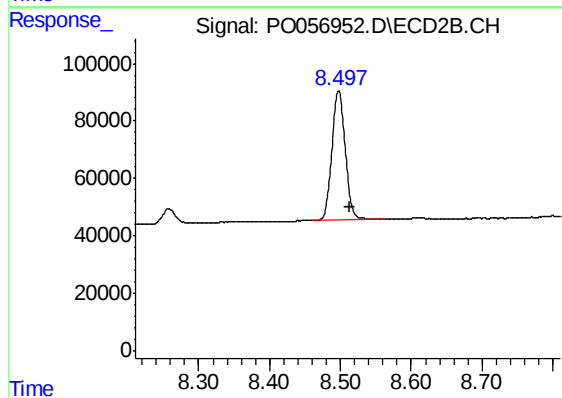
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.008 min
Response: 688672
Conc: 20.88 ng/ml



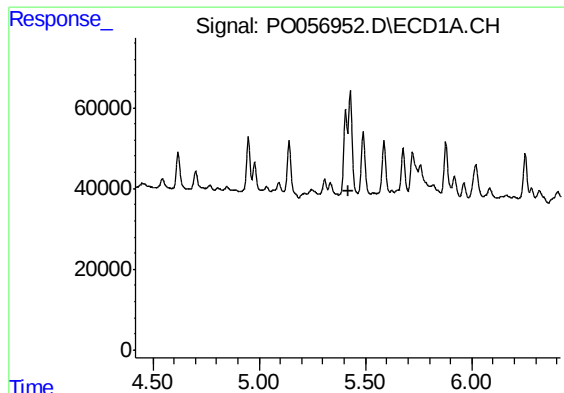
#2 Decachlorobiphenyl

R.T.: 9.817 min
Delta R.T.: -0.020 min
Response: 835414
Conc: 17.02 ng/ml



#2 Decachlorobiphenyl

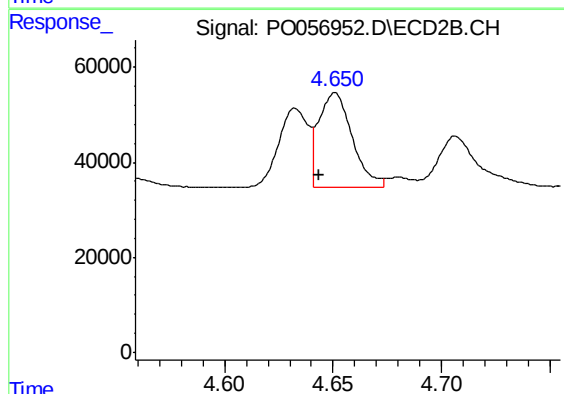
R.T.: 8.498 min
Delta R.T.: -0.016 min
Response: 587243
Conc: 16.47 ng/ml



#3 AR-1016-1

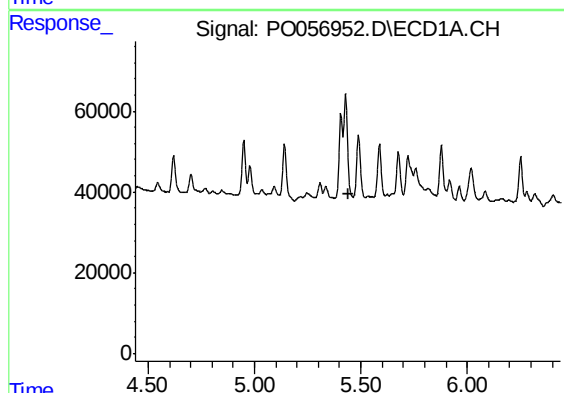
R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



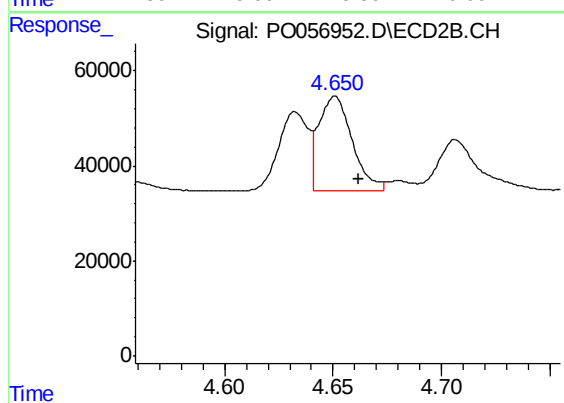
#3 AR-1016-1

R.T.: 4.651 min
Delta R.T.: 0.008 min
Response: 216622
Conc: 172.13 ng/ml



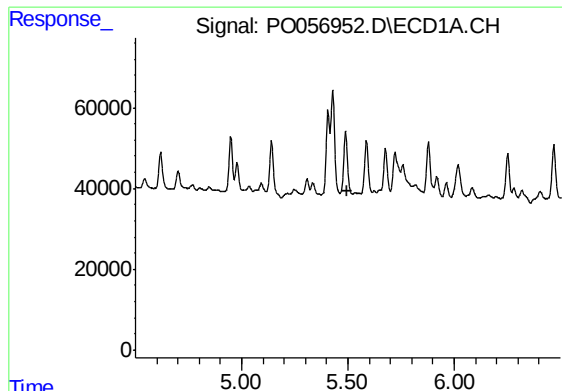
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.440 min
Response: 0
Conc: N.D.



#4 AR-1016-2

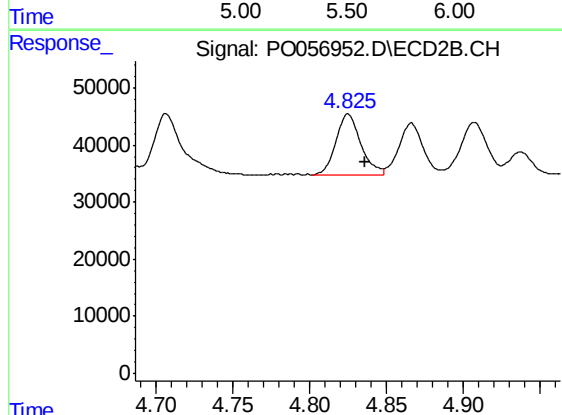
R.T.: 4.651 min
Delta R.T.: -0.011 min
Response: 216622
Conc: 120.24 ng/ml



#5 AR-1016-3

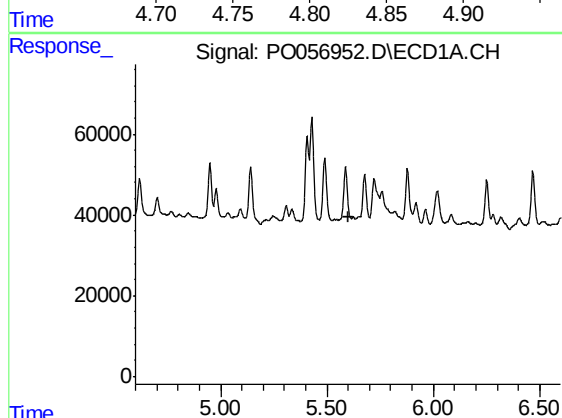
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



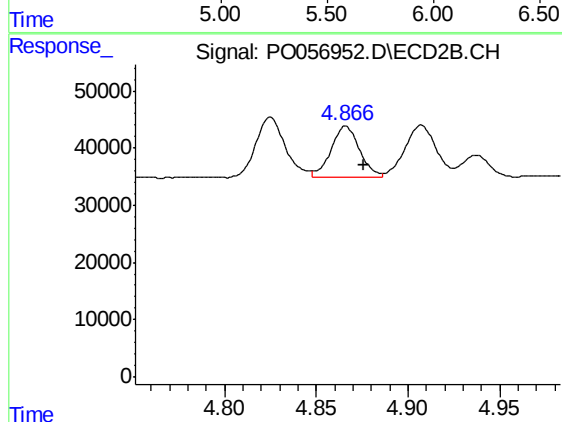
#5 AR-1016-3

R.T.: 4.825 min
Delta R.T.: -0.011 min
Response: 119642
Conc: 121.35 ng/ml



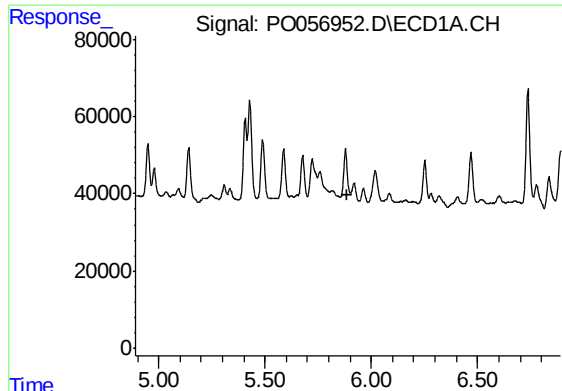
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.



#6 AR-1016-4

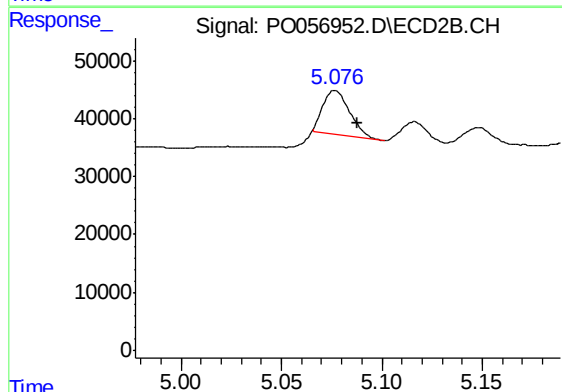
R.T.: 4.866 min
Delta R.T.: -0.010 min
Response: 98643
Conc: 119.16 ng/ml



#7 AR-1016-5

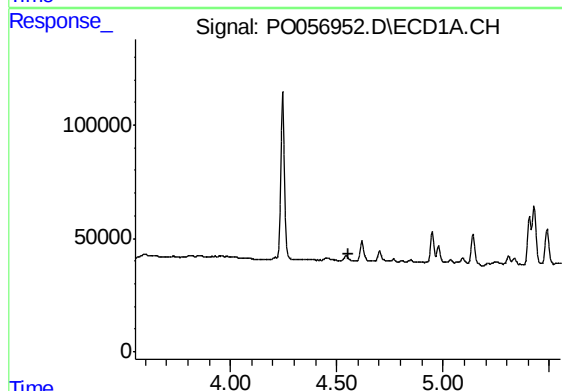
R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



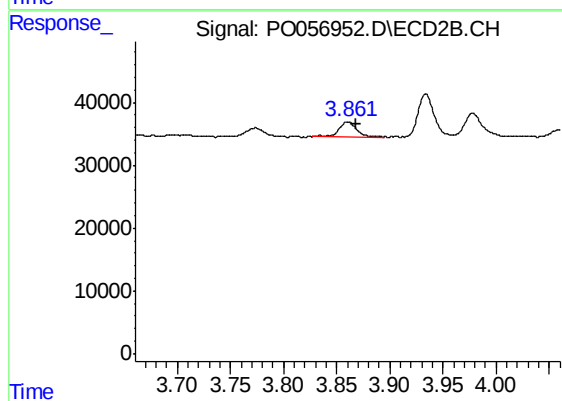
#7 AR-1016-5

R.T.: 5.077 min
Delta R.T.: -0.011 min
Response: 70765
Conc: 65.97 ng/ml



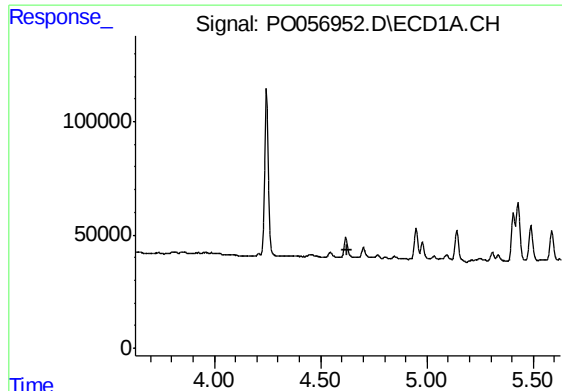
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.553 min
Response: 0
Conc: N.D.



#9 AR-1221-2

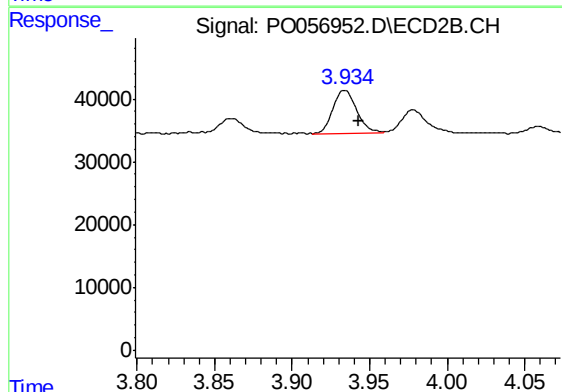
R.T.: 3.861 min
Delta R.T.: -0.007 min
Response: 28339
Conc: 75.20 ng/ml



#10 AR-1221-3

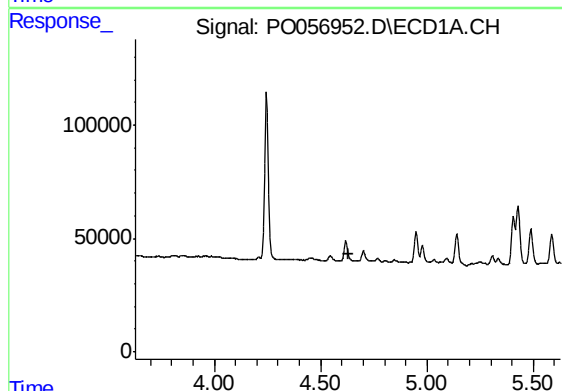
R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



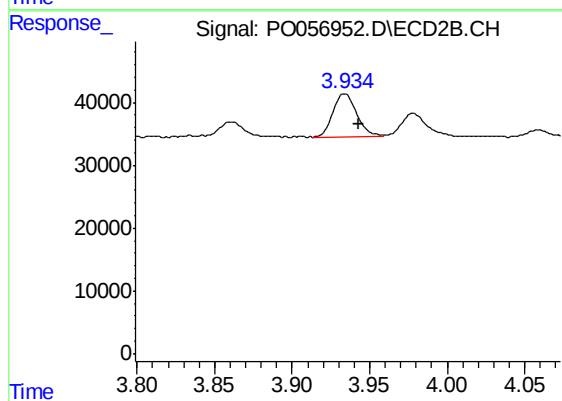
#10 AR-1221-3

R.T.: 3.934 min
Delta R.T.: -0.009 min
Response: 71380
Conc: 59.63 ng/ml



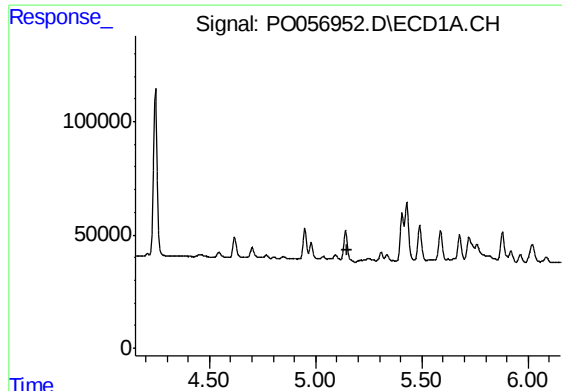
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.629 min
Response: 0
Conc: N.D.



#11 AR-1232-1

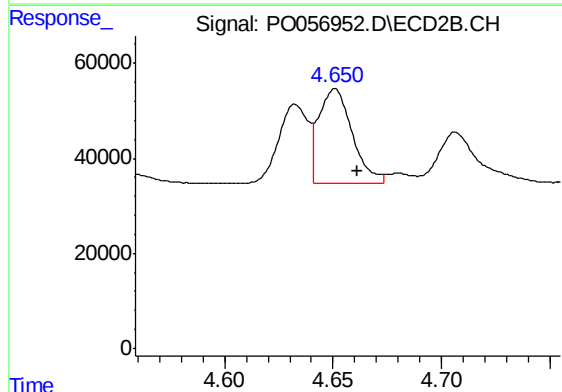
R.T.: 3.934 min
Delta R.T.: -0.009 min
Response: 71380
Conc: 79.46 ng/ml



#12 AR-1232-2

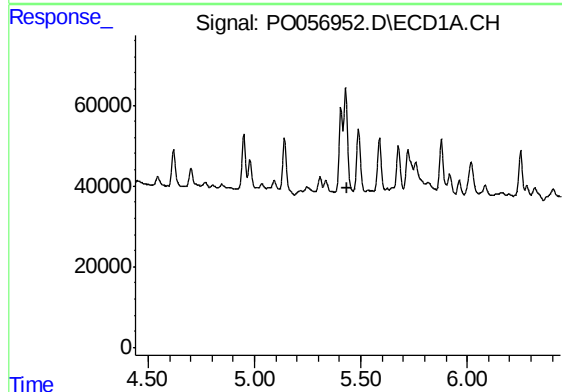
R.T.: 0.000 min
Exp R.T.: 5.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



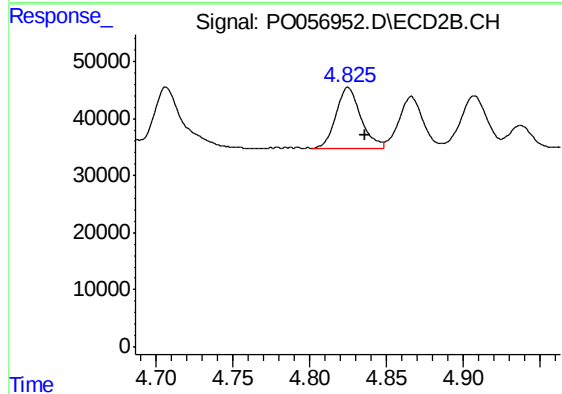
#12 AR-1232-2

R.T.: 4.651 min
Delta R.T.: -0.011 min
Response: 216622
Conc: 222.89 ng/ml



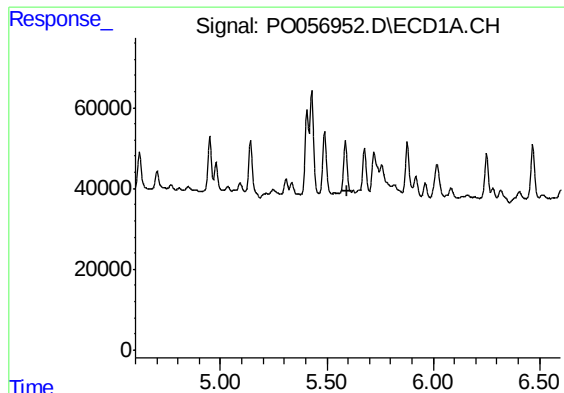
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.



#13 AR-1232-3

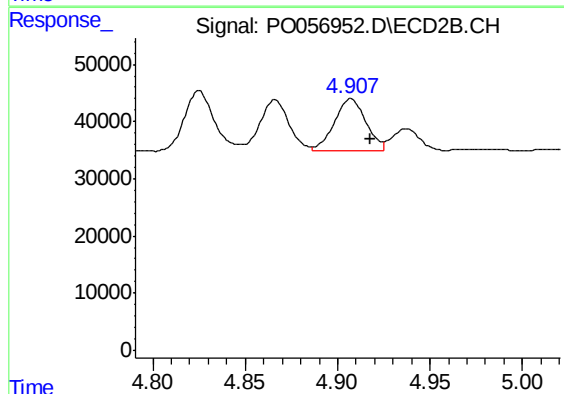
R.T.: 4.825 min
Delta R.T.: -0.011 min
Response: 119642
Conc: 228.63 ng/ml



#14 AR-1232-4

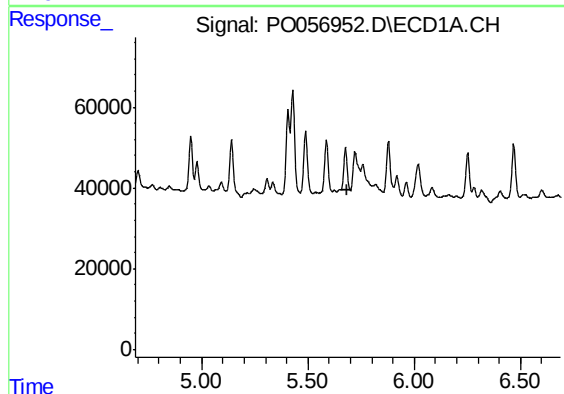
R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



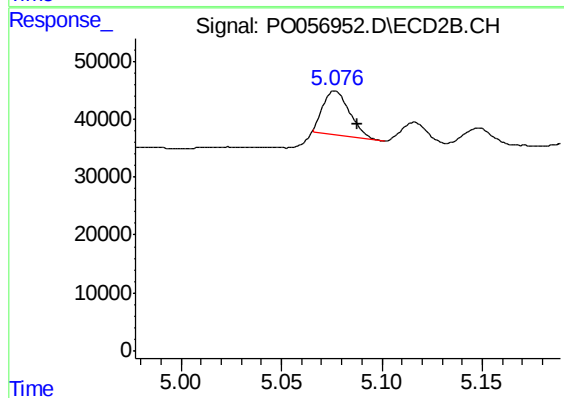
#14 AR-1232-4

R.T.: 4.907 min
Delta R.T.: -0.011 min
Response: 108803
Conc: 220.84 ng/ml



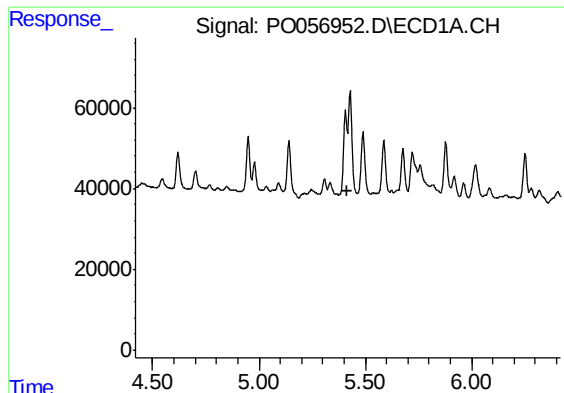
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.688 min
Response: 0
Conc: N.D.



#15 AR-1232-5

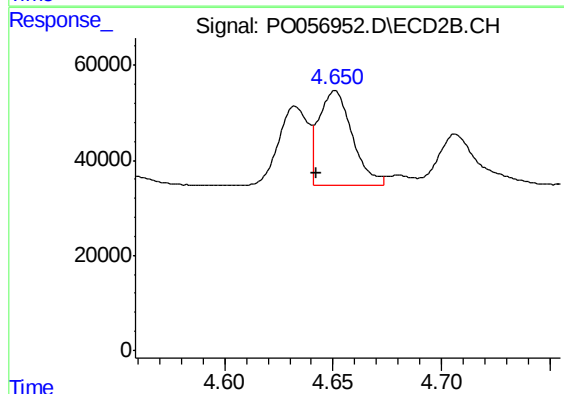
R.T.: 5.077 min
Delta R.T.: -0.011 min
Response: 70765
Conc: 125.64 ng/ml



#16 AR-1242-1

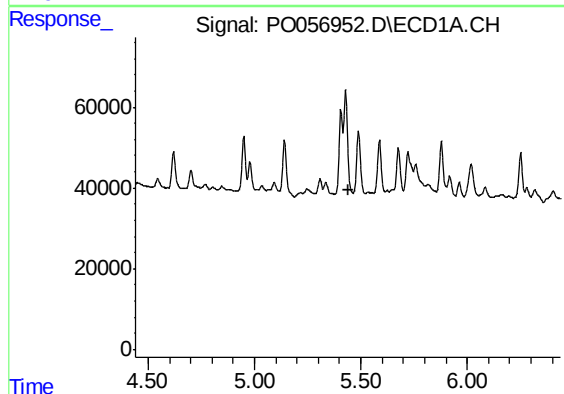
R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
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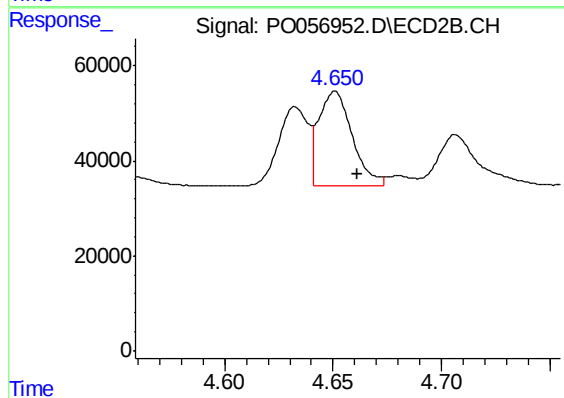
#16 AR-1242-1

R.T.: 4.651 min
Delta R.T.: 0.008 min
Response: 216622
Conc: 174.90 ng/ml



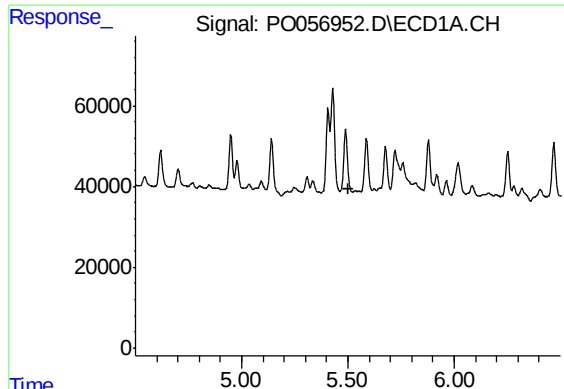
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.440 min
Response: 0
Conc: N.D.



#17 AR-1242-2

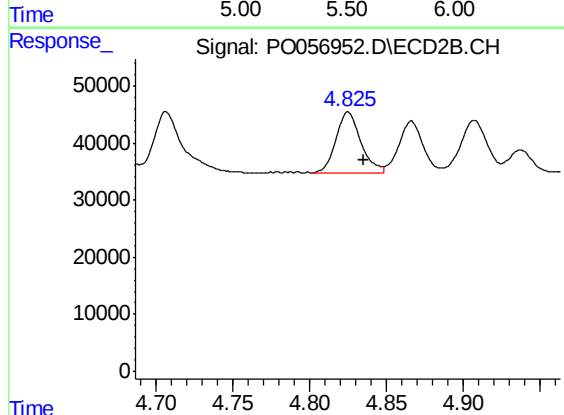
R.T.: 4.651 min
Delta R.T.: -0.010 min
Response: 216622
Conc: 120.45 ng/ml



#18 AR-1242-3

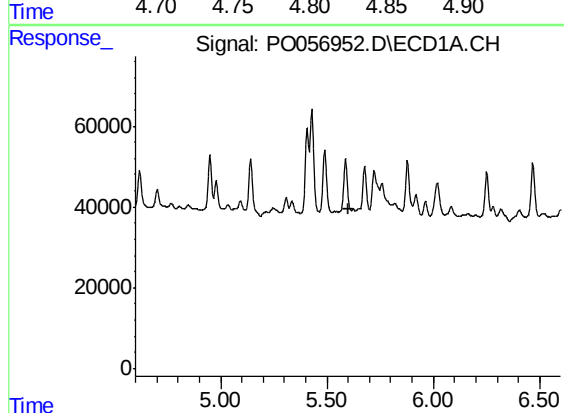
R.T.: 0.000 min
Exp R.T. : 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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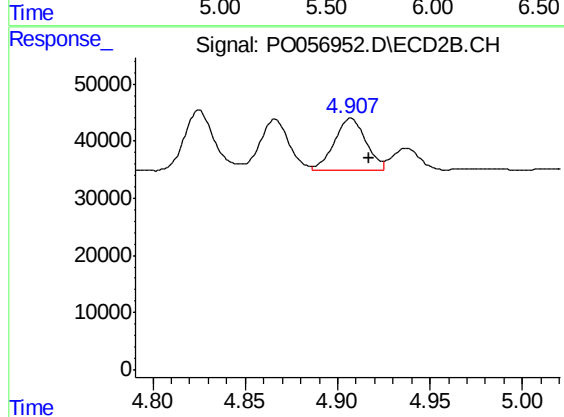
#18 AR-1242-3

R.T.: 4.825 min
Delta R.T.: -0.010 min
Response: 119642
Conc: 121.70 ng/ml



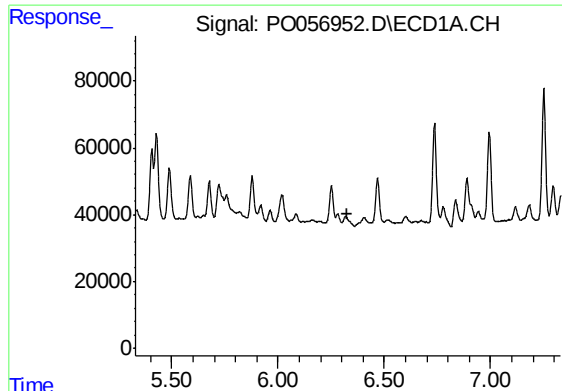
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.599 min
Response: 0
Conc: N.D.



#19 AR-1242-4

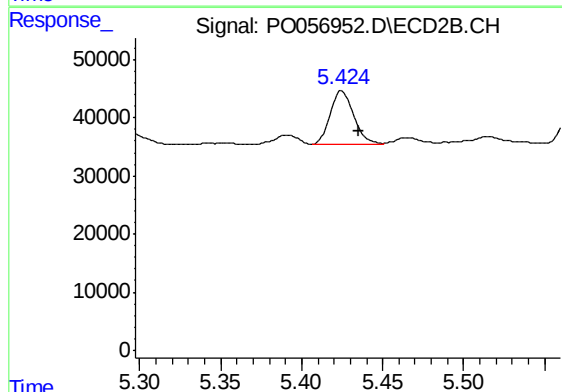
R.T.: 4.907 min
Delta R.T.: -0.010 min
Response: 108803
Conc: 111.81 ng/ml



#20 AR-1242-5

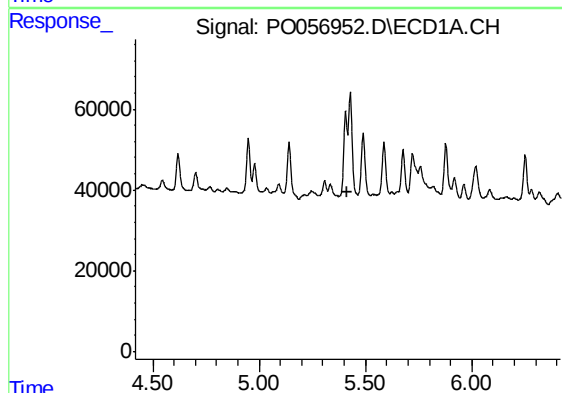
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



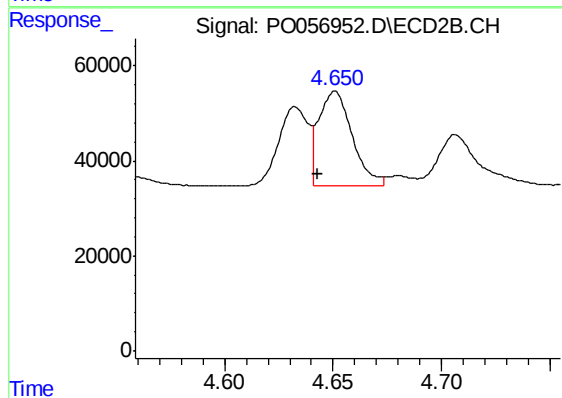
#20 AR-1242-5

R.T.: 5.425 min
Delta R.T.: -0.010 min
Response: 92566
Conc: 78.29 ng/ml



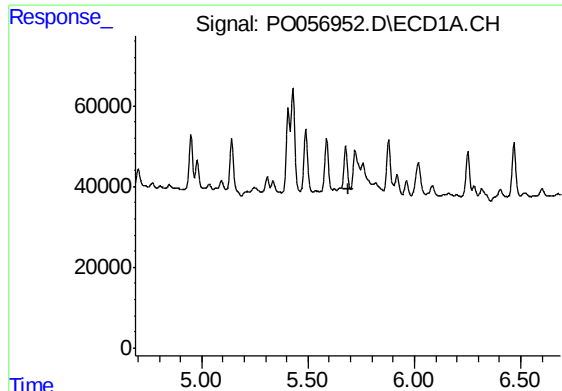
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.



#21 AR-1248-1

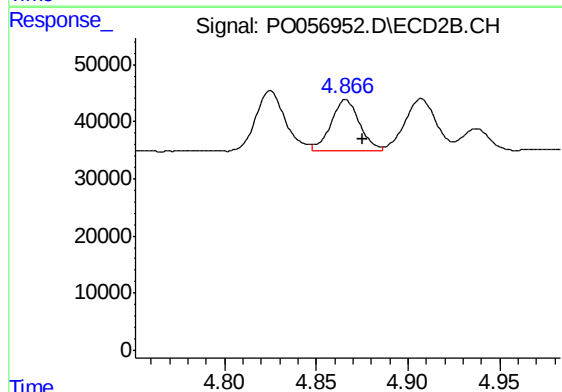
R.T.: 4.651 min
Delta R.T.: 0.008 min
Response: 216622
Conc: 231.31 ng/ml



#22 AR-1248-2

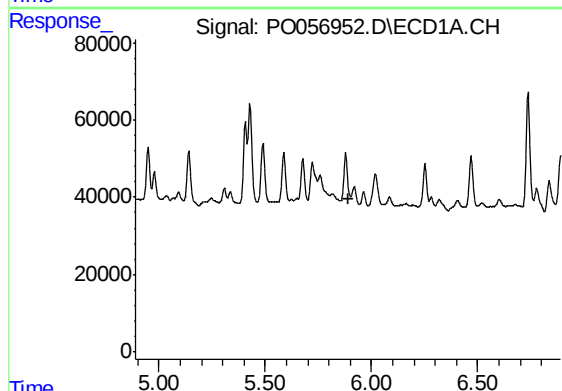
R.T.: 0.000 min
Exp R.T.: 5.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



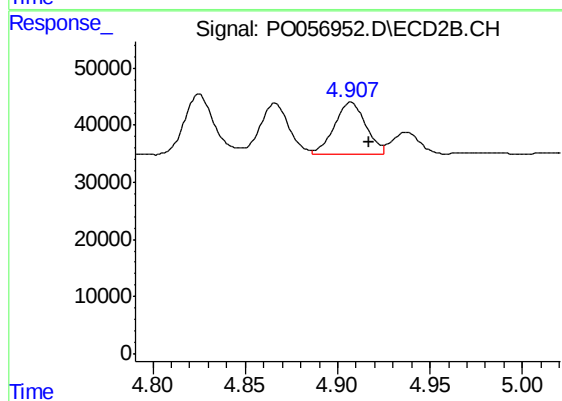
#22 AR-1248-2

R.T.: 4.866 min
Delta R.T.: -0.009 min
Response: 98643
Conc: 77.64 ng/ml



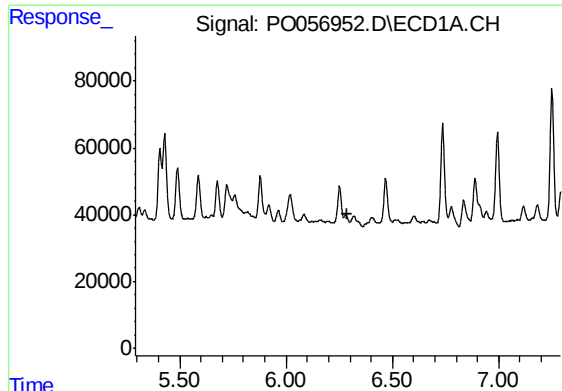
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.



#23 AR-1248-3

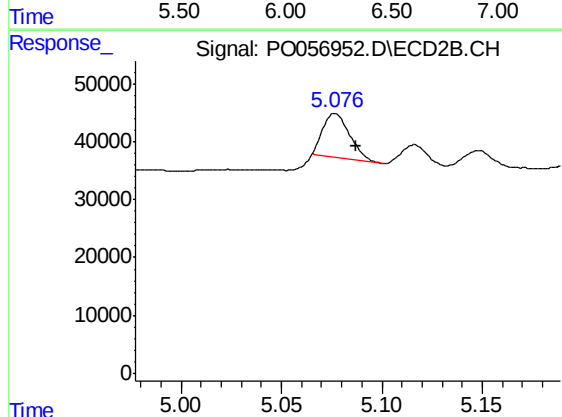
R.T.: 4.907 min
Delta R.T.: -0.010 min
Response: 108803
Conc: 83.32 ng/ml



#24 AR-1248-4

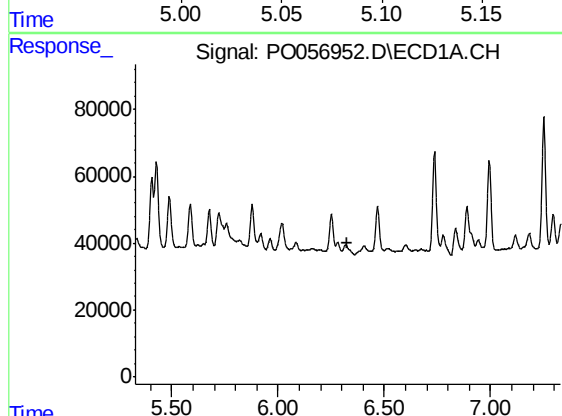
R.T.: 0.000 min
Exp R.T. : 6.291 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



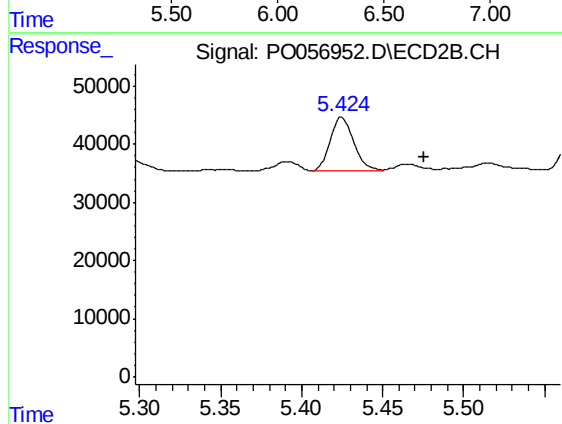
#24 AR-1248-4

R.T.: 5.077 min
Delta R.T.: -0.010 min
Response: 70765
Conc: 44.69 ng/ml



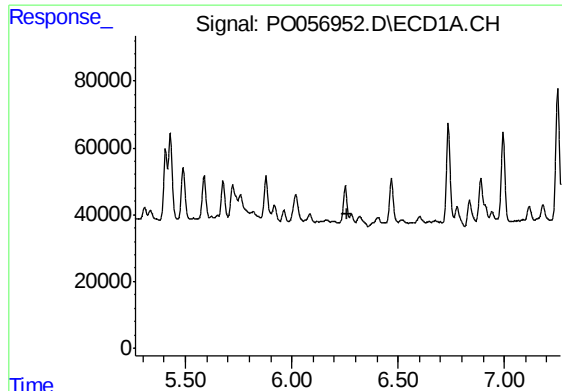
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.329 min
Response: 0
Conc: N.D.



#25 AR-1248-5

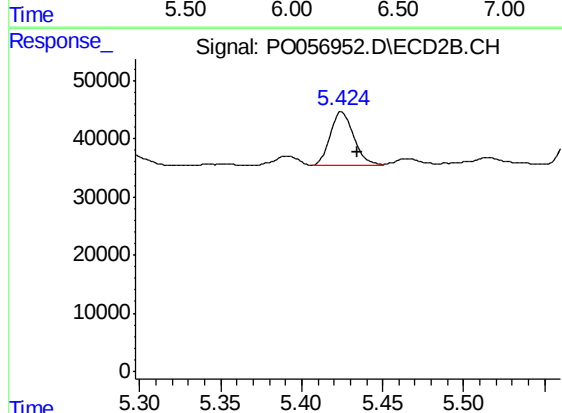
R.T.: 5.425 min
Delta R.T.: -0.051 min
Response: 92566
Conc: 55.93 ng/ml



#26 AR-1254-1

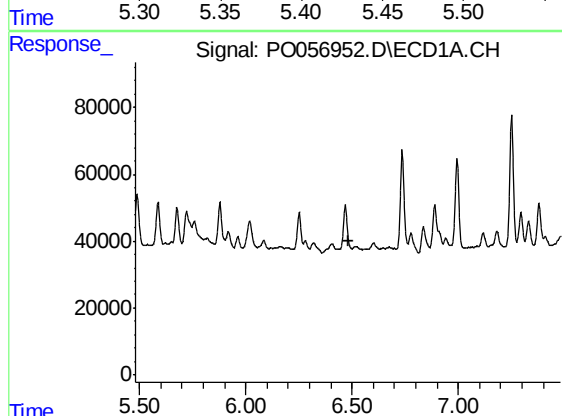
R.T.: 0.000 min
Exp R.T. : 6.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



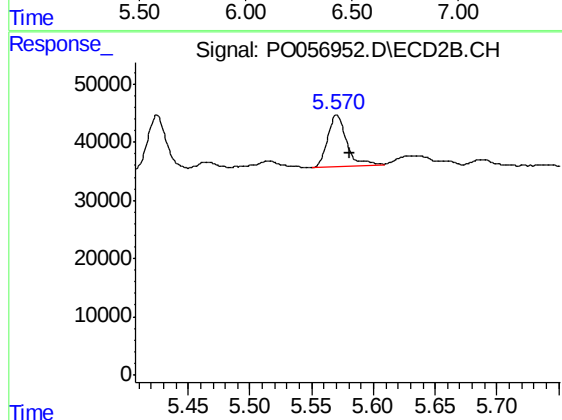
#26 AR-1254-1

R.T.: 5.425 min
Delta R.T.: -0.010 min
Response: 92566
Conc: 35.00 ng/ml



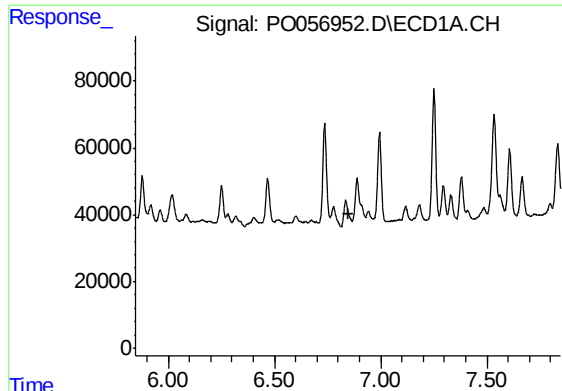
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.481 min
Response: 0
Conc: N.D.



#27 AR-1254-2

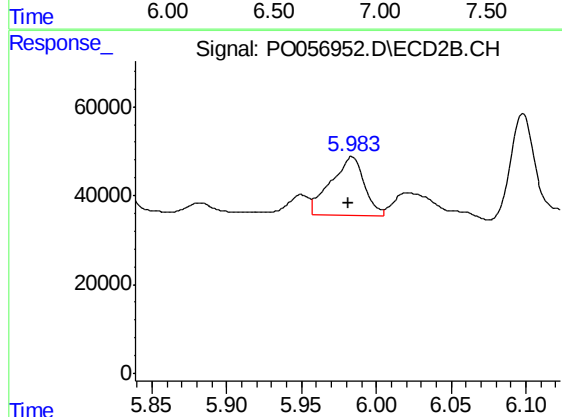
R.T.: 5.570 min
Delta R.T.: -0.010 min
Response: 94846
Conc: 44.00 ng/ml



#28 AR-1254-3

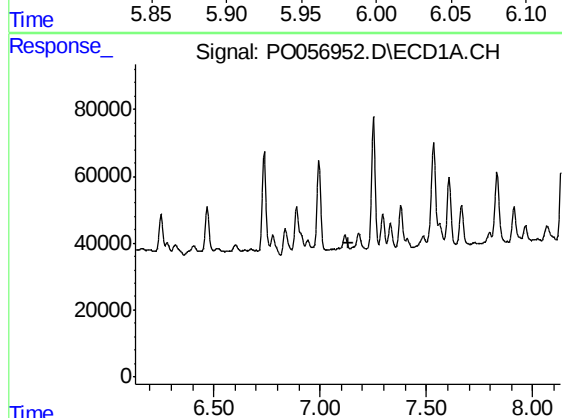
R.T.: 0.000 min
Exp R.T.: 6.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



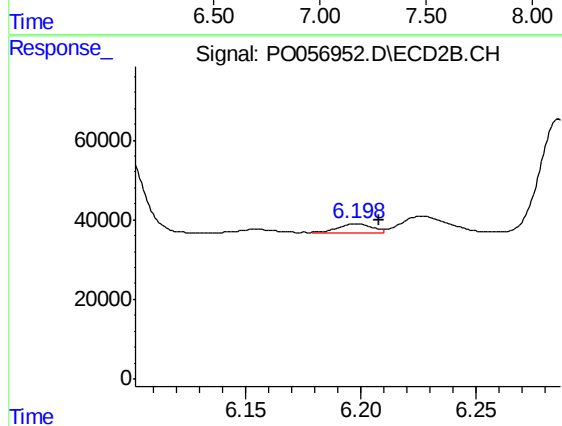
#28 AR-1254-3

R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 206608
Conc: 56.43 ng/ml



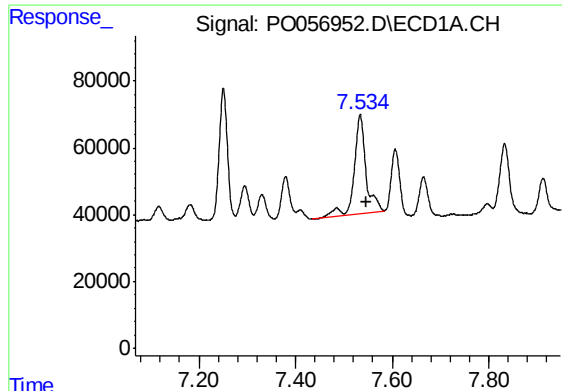
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.



#29 AR-1254-4

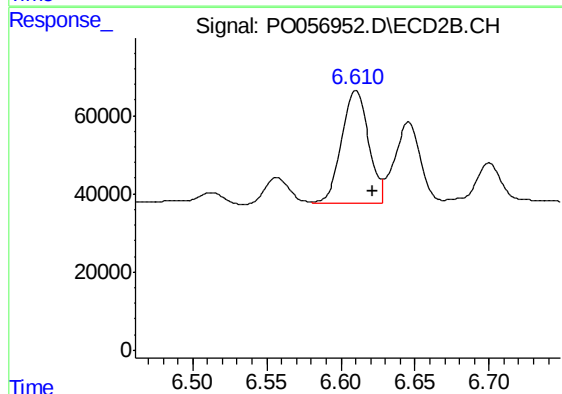
R.T.: 6.198 min
Delta R.T.: -0.010 min
Response: 21561
Conc: 9.81 ng/ml



#30 AR-1254-5

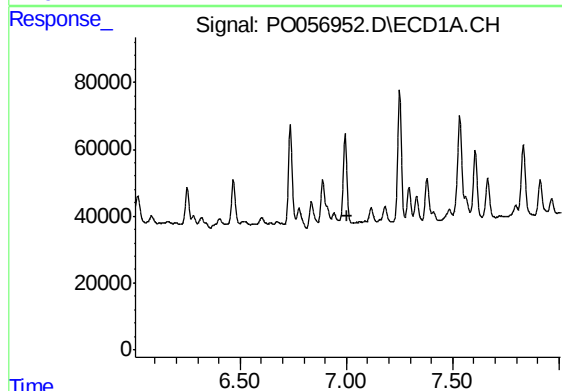
R.T.: 7.534 min
Delta R.T.: -0.013 min
Response: 494987
Conc: 131.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



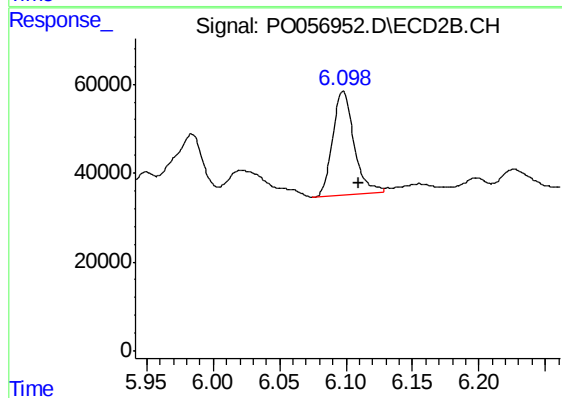
#30 AR-1254-5

R.T.: 6.610 min
Delta R.T.: -0.012 min
Response: 368757
Conc: 116.32 ng/ml



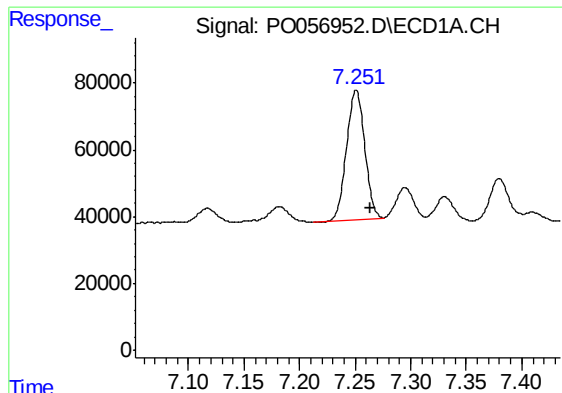
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#31 AR-1260-1

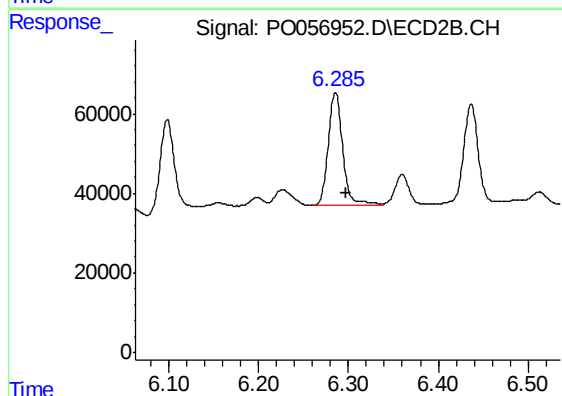
R.T.: 6.098 min
Delta R.T.: -0.012 min
Response: 263255
Conc: 131.60 ng/ml



#32 AR-1260-2

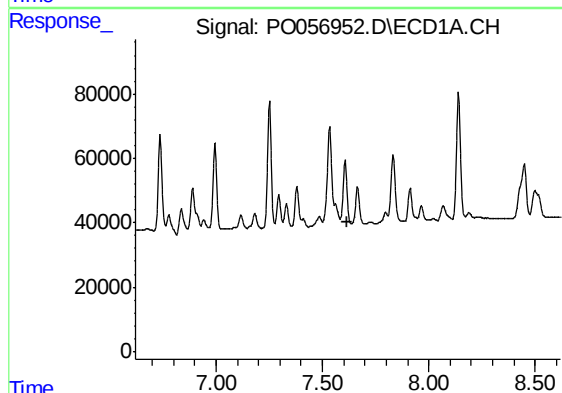
R.T.: 7.251 min
Delta R.T.: -0.013 min
Response: 441186
Conc: 145.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



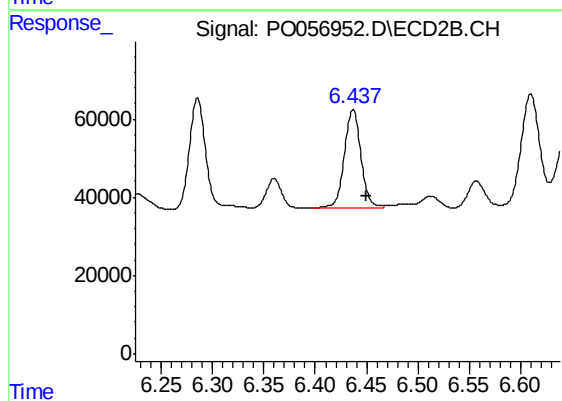
#32 AR-1260-2

R.T.: 6.286 min
Delta R.T.: -0.012 min
Response: 320216
Conc: 129.91 ng/ml



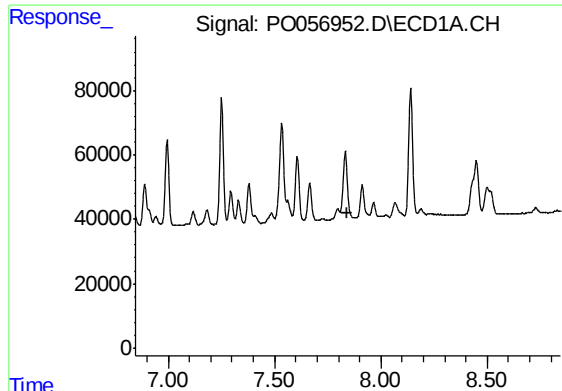
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#33 AR-1260-3

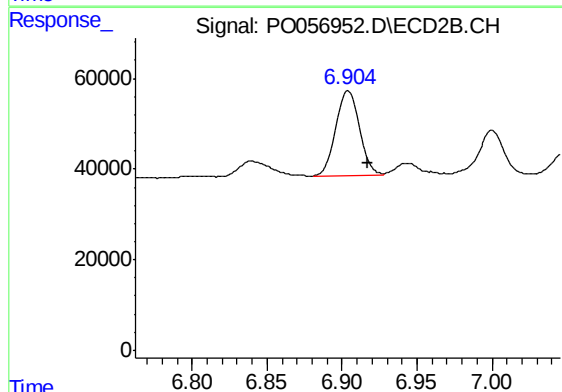
R.T.: 6.437 min
Delta R.T.: -0.013 min
Response: 287942
Conc: 128.36 ng/ml



#34 AR-1260-4

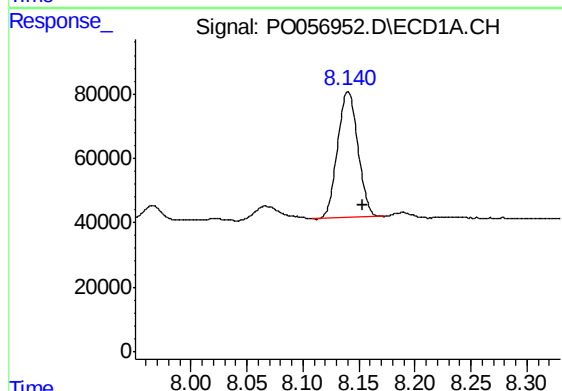
R.T.: 0.000 min
Exp R.T.: 7.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



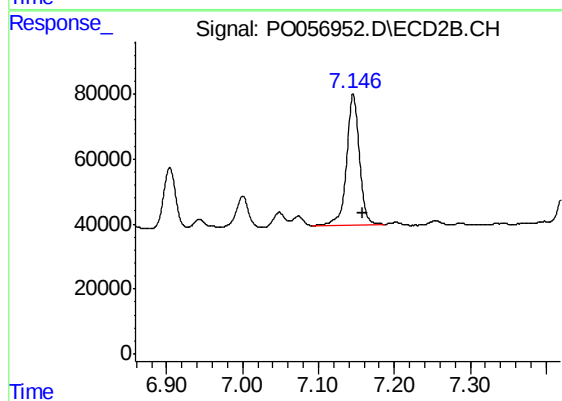
#34 AR-1260-4

R.T.: 6.904 min
Delta R.T.: -0.013 min
Response: 203777
Conc: 109.50 ng/ml



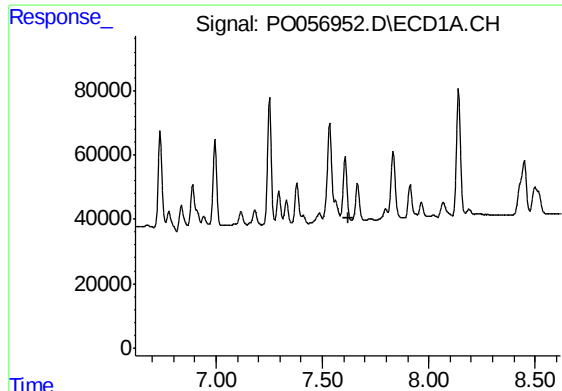
#35 AR-1260-5

R.T.: 8.140 min
Delta R.T.: -0.013 min
Response: 494585
Conc: 103.42 ng/ml



#35 AR-1260-5

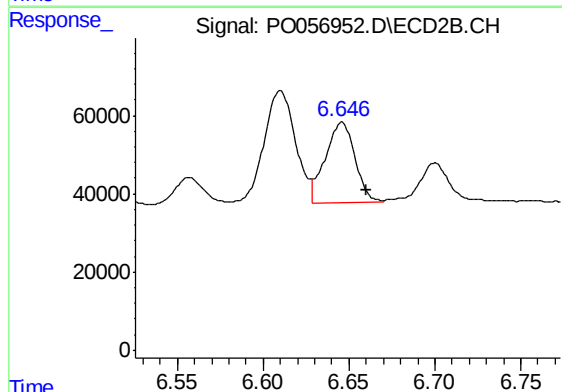
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 488138
Conc: 113.20 ng/ml



#36 AR-1262-1

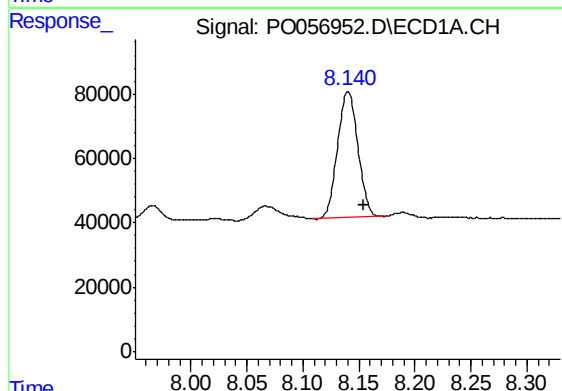
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



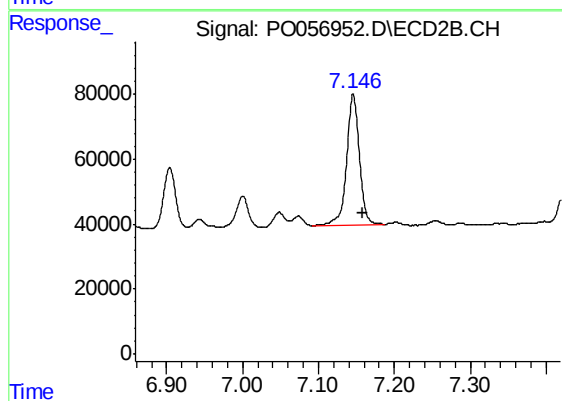
#36 AR-1262-1

R.T.: 6.646 min
Delta R.T.: -0.014 min
Response: 249760
Conc: 59.84 ng/ml



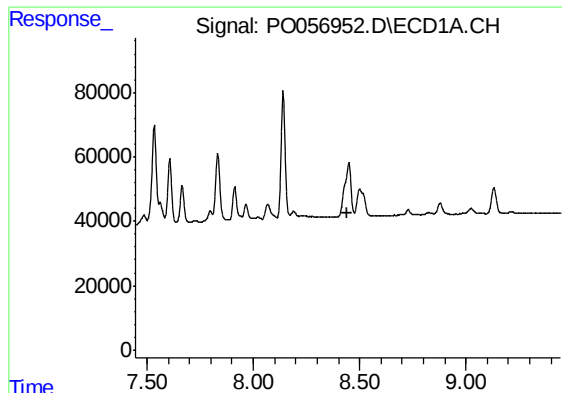
#37 AR-1262-2

R.T.: 8.140 min
Delta R.T.: -0.014 min
Response: 494585
Conc: 64.87 ng/ml



#37 AR-1262-2

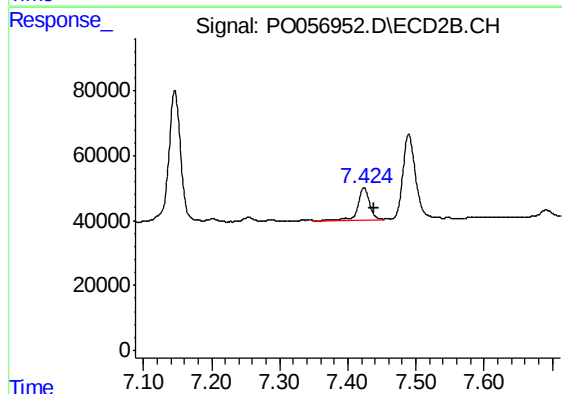
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 488138
Conc: 71.05 ng/ml



#38 AR-1262-3

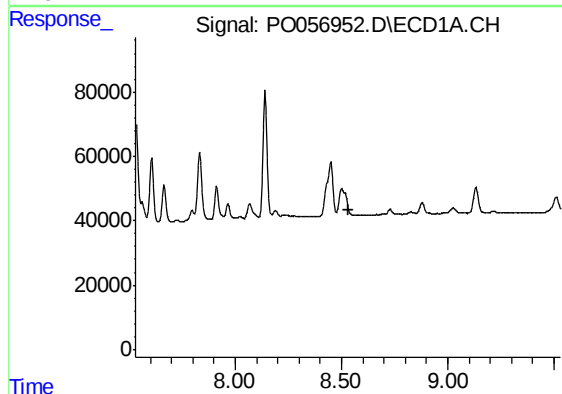
R.T.: 0.000 min
Exp R.T.: 8.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



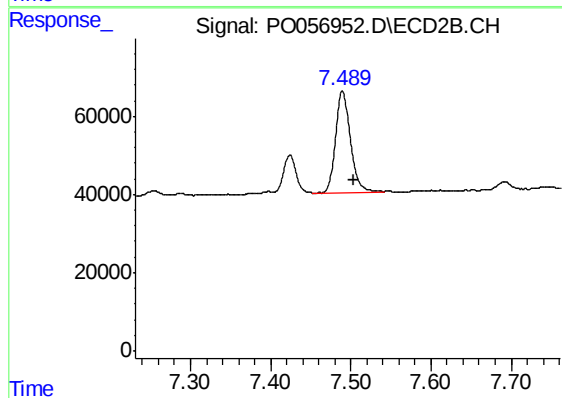
#38 AR-1262-3

R.T.: 7.424 min
Delta R.T.: -0.014 min
Response: 110778
Conc: 37.51 ng/ml



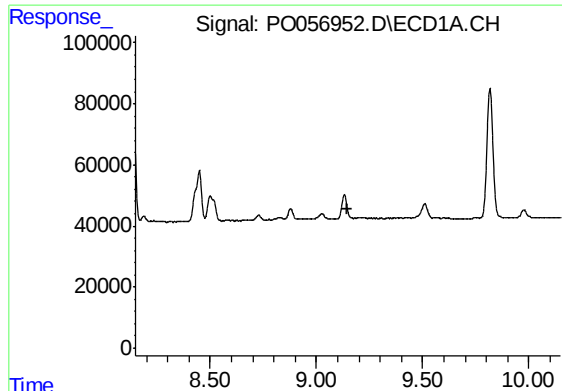
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.



#39 AR-1262-4

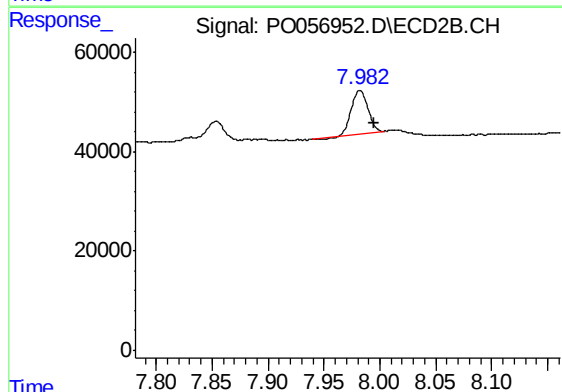
R.T.: 7.490 min
Delta R.T.: -0.013 min
Response: 333920
Conc: 64.08 ng/ml



#40 AR-1262-5

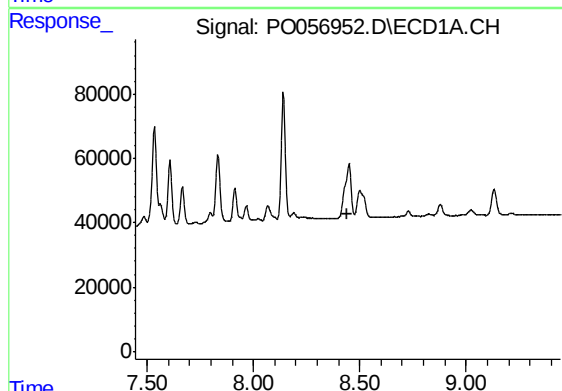
R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



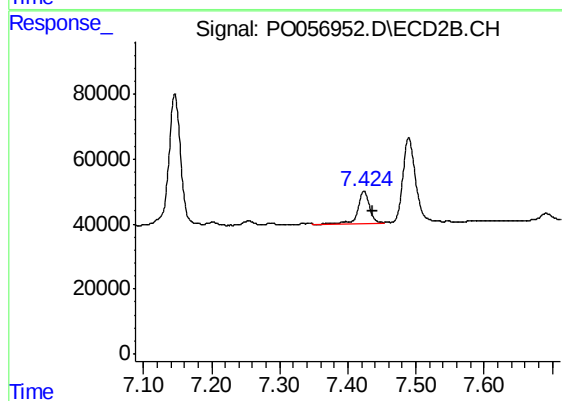
#40 AR-1262-5

R.T.: 7.982 min
Delta R.T.: -0.013 min
Response: 90414
Conc: 38.94 ng/ml



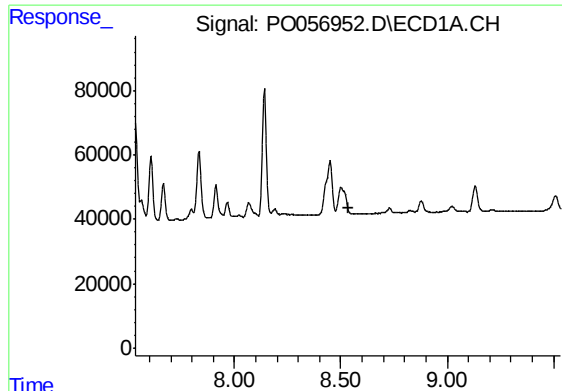
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.444 min
Response: 0
Conc: N.D.



#41 AR-1268-1

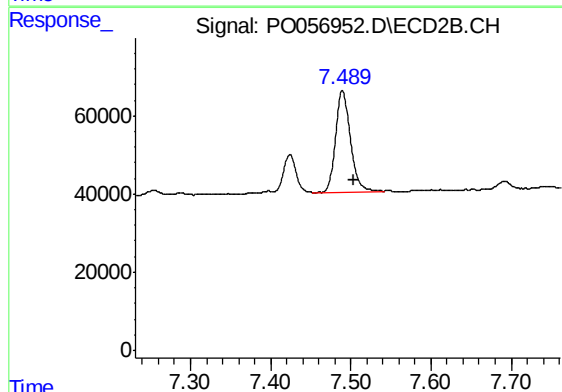
R.T.: 7.424 min
Delta R.T.: -0.013 min
Response: 110778
Conc: 14.84 ng/ml



#42 AR-1268-2

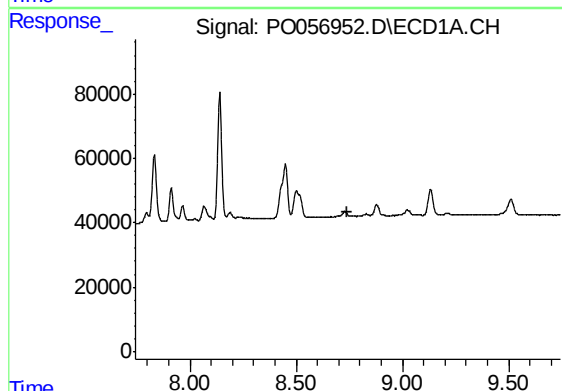
R.T.: 0.000 min
Exp R.T. : 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



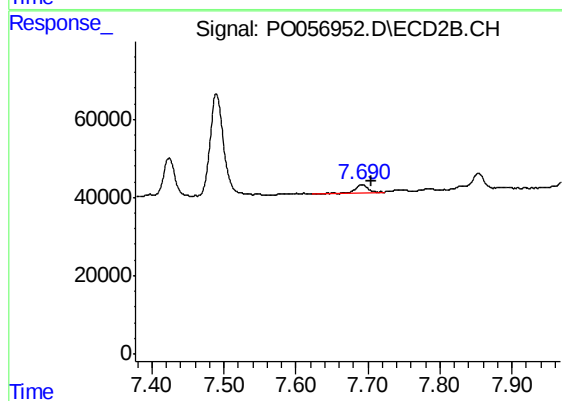
#42 AR-1268-2

R.T.: 7.490 min
Delta R.T.: -0.013 min
Response: 333920
Conc: 47.82 ng/ml



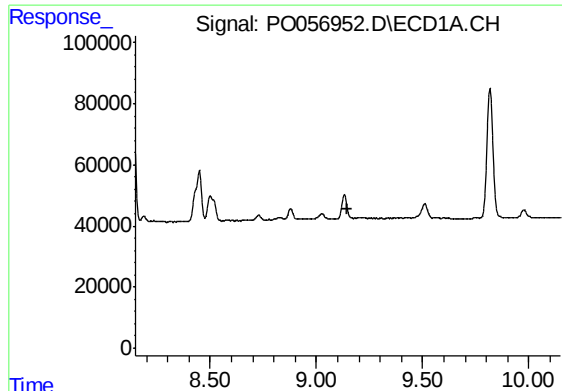
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.743 min
Response: 0
Conc: N.D.



#43 AR-1268-3

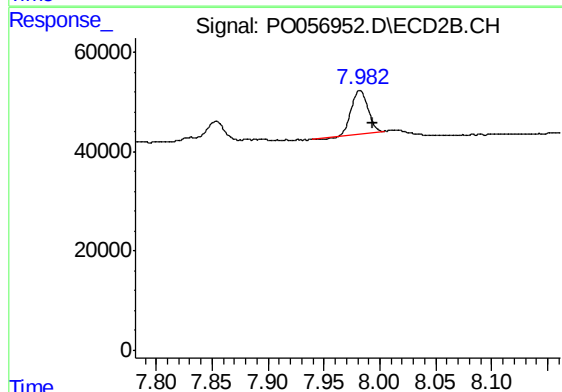
R.T.: 7.691 min
Delta R.T.: -0.014 min
Response: 24565
Conc: 4.14 ng/ml



#44 AR-1268-4

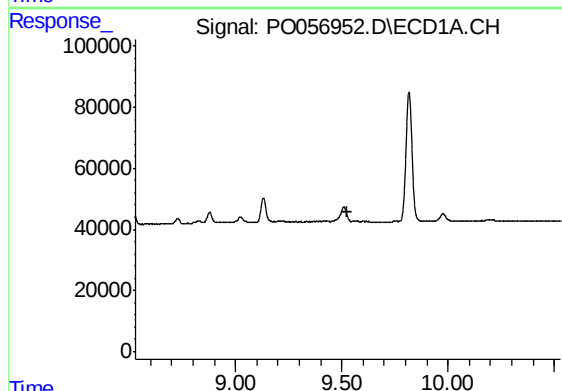
R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-COMP-1MSD



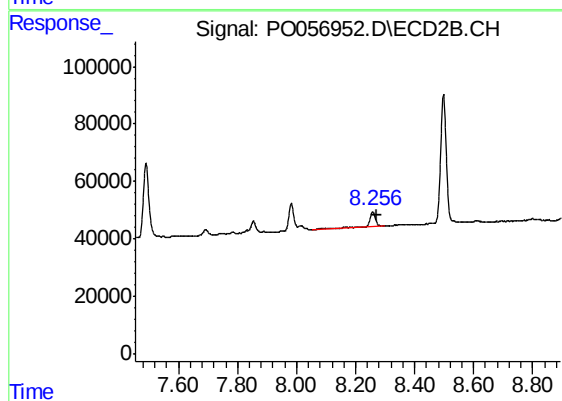
#44 AR-1268-4

R.T.: 7.982 min
Delta R.T.: -0.012 min
Response: 90414
Conc: 38.73 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.529 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.257 min
Delta R.T.: -0.015 min
Response: 69897
Conc: 4.04 ng/ml