

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080219\
 Data File : P0058763.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Aug 2019 19:34
 Operator : SM/AJ
 Sample : K4104-33
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 30079

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:51:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.173	3.528	850445	878025	20.151	21.978
2)	SA Decachlor...	9.643	8.404	1205534	857859	22.261	21.733
Target Compounds							
3)	L1 AR-1016-1	5.391	4.581	232696	46018	124.174	31.563 #
4)	L1 AR-1016-2	5.391	4.619	232696	126864	84.569	59.100 #
5)	L1 AR-1016-3	5.391	4.821	232696	472402	137.046	415.946 #
6)	L1 AR-1016-4	0.000	4.821	0	472402	N.D.	500.796 #
7)	L1 AR-1016-5	0.000	4.956	0	80021	N.D.	64.982 #
8)	L2 AR-1221-1	0.000	3.735	0	43889	N.D.	108.951 #
9)	L2 AR-1221-2	0.000	3.817	0	110856	N.D.	371.423 #
10)	L2 AR-1221-3	0.000	3.862	0	25109	N.D.	26.249 #
11)	L3 AR-1232-1	0.000	3.862	0	25109	N.D.	31.964 #
12)	L3 AR-1232-2	0.000	4.619	0	126864	N.D.	150.050 #
13)	L3 AR-1232-3	5.391	4.725	232696	24746	217.323	56.268 #
14)	L3 AR-1232-4	0.000	4.874	0	244028	N.D.	617.369 #
15)	L3 AR-1232-5	0.000	4.956	0	80021	N.D.	181.762 #
16)	L4 AR-1242-1	5.391	4.581	232696	46018	181.715	45.331 #
17)	L4 AR-1242-2	5.391	4.619	232696	126864	123.011	84.035 #
18)	L4 AR-1242-3	5.391	4.725	232696	24746	198.369	30.386 #
19)	L4 AR-1242-4	0.000	4.874	0	244028	N.D.	301.632 #
20)	L4 AR-1242-5	0.000	5.386	0	95138	N.D.	88.692 #
21)	L5 AR-1248-1	5.391	4.581	232696	46018	230.163	57.549 #
22)	L5 AR-1248-2	0.000	4.821	0	472402	N.D.	426.357 #
23)	L5 AR-1248-3	0.000	4.874	0	244028	N.D.	214.406 #
24)	L5 AR-1248-4	0.000	4.956	0	80021	N.D.	57.281 #
25)	L5 AR-1248-5	0.000	5.386	0	95138	N.D.	68.679 #
26)	L6 AR-1254-1	0.000	5.386	0	95138	N.D.	36.725 #
27)	L6 AR-1254-2	0.000	5.524	0	23565	N.D.	10.293 #
28)	L6 AR-1254-3	6.729	5.898	300147	28167	74.117	7.655 #
29)	L6 AR-1254-4	0.000	6.150	0	122464	N.D.	52.668 #
30)	L6 AR-1254-5	7.465	6.535	816540	311873	225.267	90.410 #
31)	L7 AR-1260-1	0.000	6.000	0	110215	N.D.	46.308 #
32)	L7 AR-1260-2	7.119	6.250	1691515	136257	406.609	44.980 #
33)	L7 AR-1260-3	7.531	6.418	358680	297311	96.317	110.121
34)	L7 AR-1260-4	7.787	6.809	5362882	-1593	1573.718	N.D. #
35)	L7 AR-1260-5	0.000	7.015	0	103079	N.D.	19.141 #
36)	L8 AR-1262-1	7.531	6.576	358680	746390	71.163	208.971 #
37)	L8 AR-1262-2	0.000	7.015	0	103079	N.D.	18.257 #
38)	L8 AR-1262-3	0.000	7.369	0	69724	N.D.	28.250 #
39)	L8 AR-1262-4	0.000	7.415	0	75320	N.D.	17.738 #
41)	L9 AR-1268-1	0.000	7.369	0	69724	N.D.	8.560 #
42)	L9 AR-1268-2	0.000	7.415	0	75320	N.D.	9.940 #
43)	L9 AR-1268-3	0.000	7.610	0	27335	N.D.	4.276 #

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 Operator : SM/AJ
 Sample : K4104-33
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

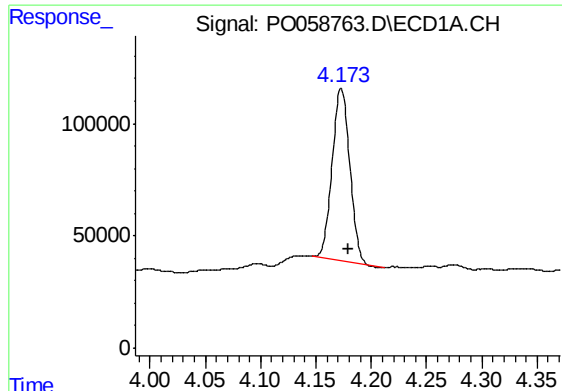
Instrument :
 ECD_O
 ClientSampleId :
 30079

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:51:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.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
45) L9	AR-1268-5	0.000	8.179	0	22189	N.D.	1.295 #

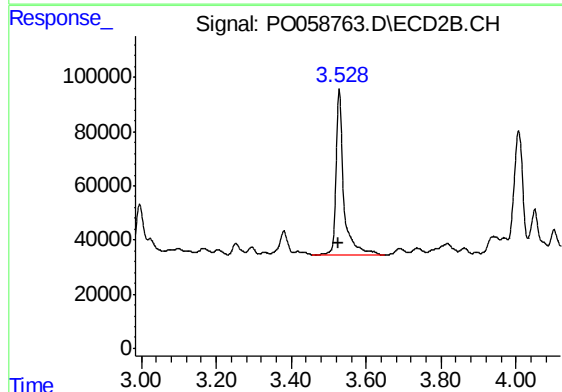
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

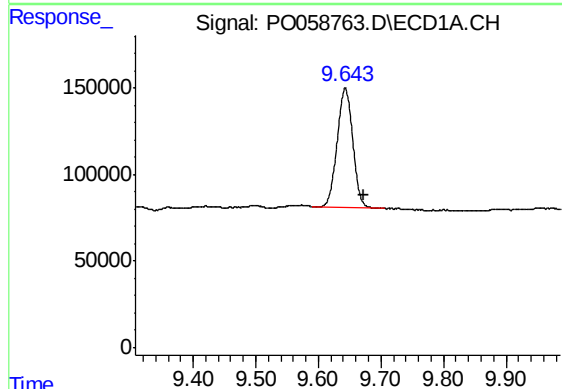
R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 850445
Conc: 20.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



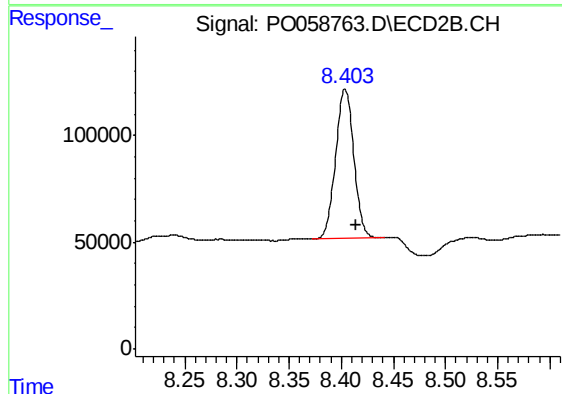
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: 0.003 min
Response: 878025
Conc: 21.98 ng/ml



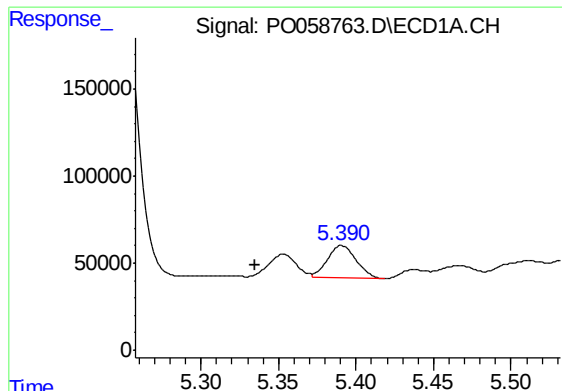
#2 Decachlorobiphenyl

R.T.: 9.643 min
Delta R.T.: -0.029 min
Response: 1205534
Conc: 22.26 ng/ml



#2 Decachlorobiphenyl

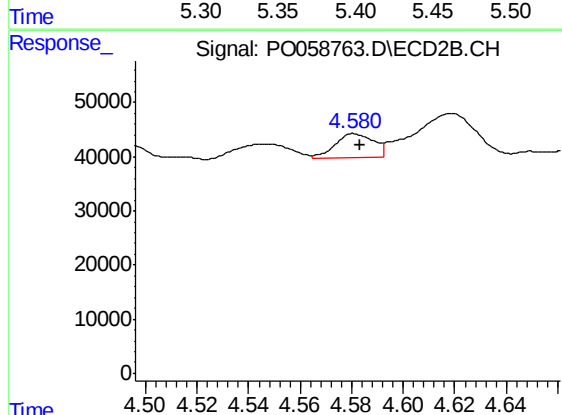
R.T.: 8.404 min
Delta R.T.: -0.010 min
Response: 857859
Conc: 21.73 ng/ml



#3 AR-1016-1

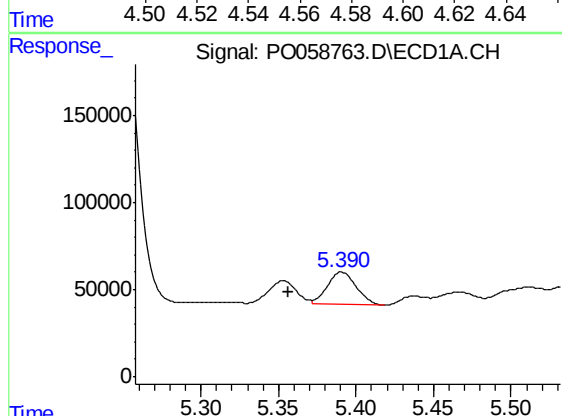
R.T.: 5.391 min
Delta R.T.: 0.056 min
Response: 232696
Conc: 124.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



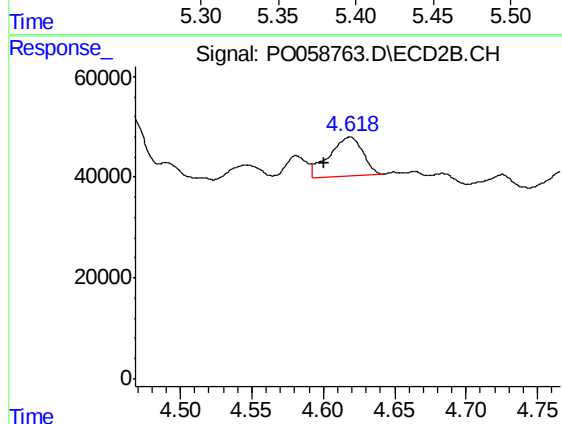
#3 AR-1016-1

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 46018
Conc: 31.56 ng/ml



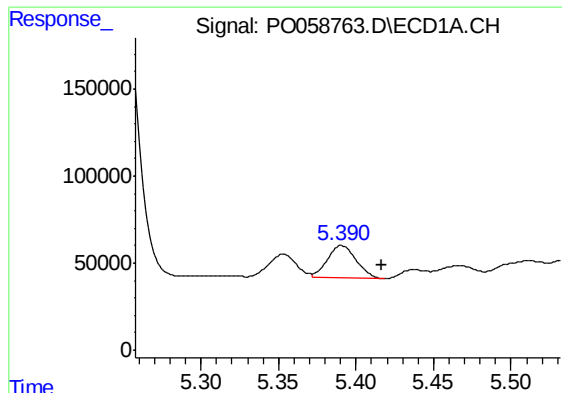
#4 AR-1016-2

R.T.: 5.391 min
Delta R.T.: 0.034 min
Response: 232696
Conc: 84.57 ng/ml



#4 AR-1016-2

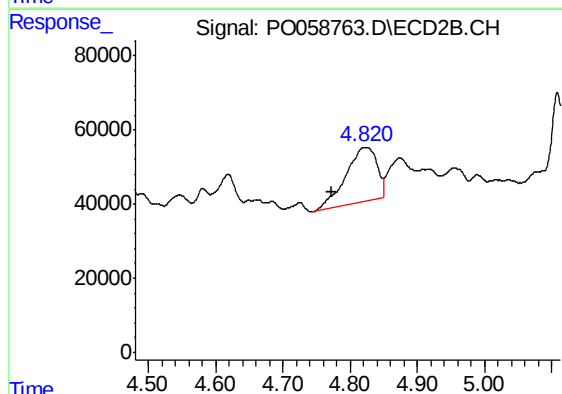
R.T.: 4.619 min
Delta R.T.: 0.018 min
Response: 126864
Conc: 59.10 ng/ml



#5 AR-1016-3

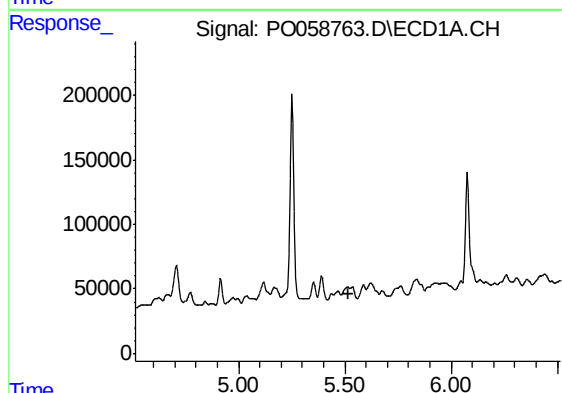
R.T.: 5.391 min
Delta R.T.: -0.026 min
Response: 232696
Conc: 137.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



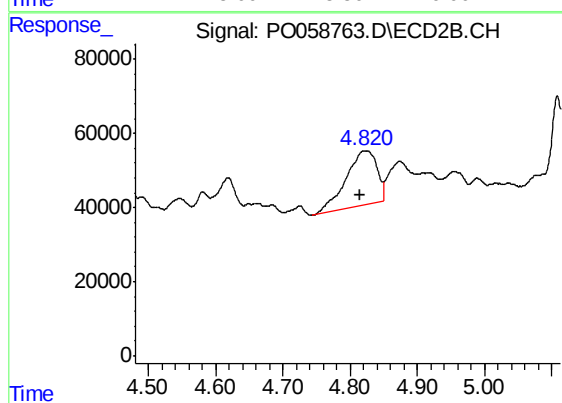
#5 AR-1016-3

R.T.: 4.821 min
Delta R.T.: 0.047 min
Response: 472402
Conc: 415.95 ng/ml



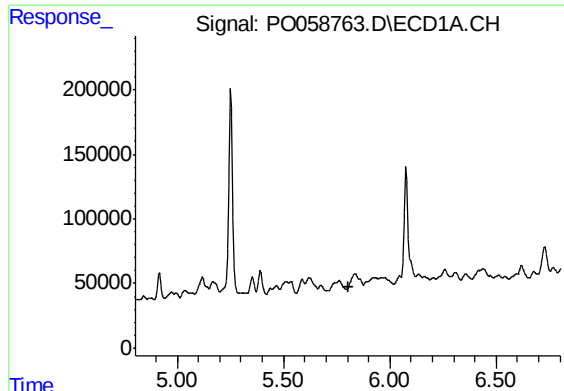
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#6 AR-1016-4

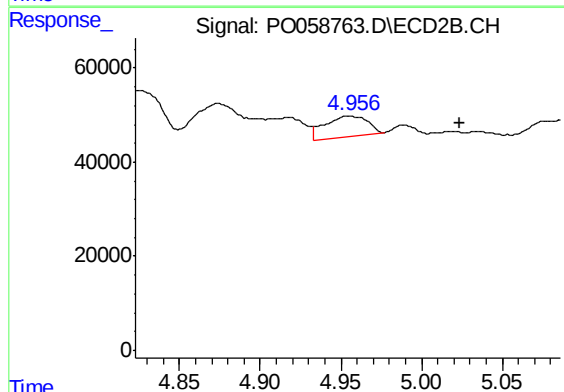
R.T.: 4.821 min
Delta R.T.: 0.006 min
Response: 472402
Conc: 500.80 ng/ml



#7 AR-1016-5

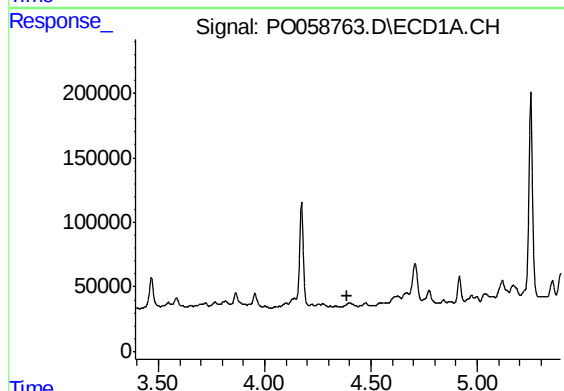
R.T.: 0.000 min
Exp R.T.: 5.803 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



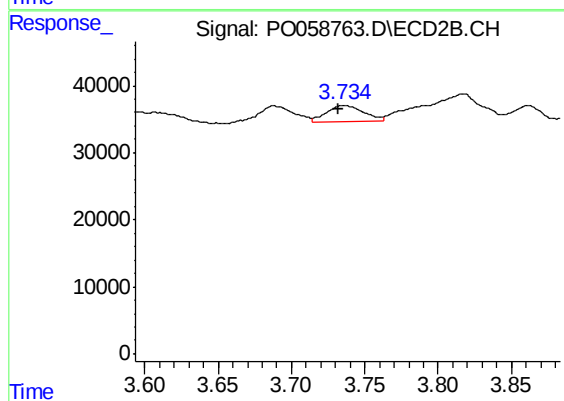
#7 AR-1016-5

R.T.: 4.956 min
Delta R.T.: -0.068 min
Response: 80021
Conc: 64.98 ng/ml



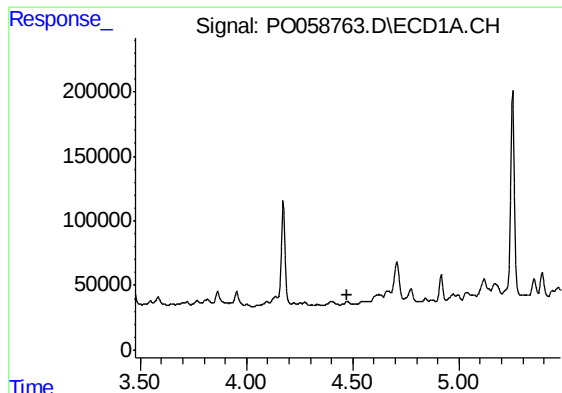
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.391 min
Response: 0
Conc: N.D.



#8 AR-1221-1

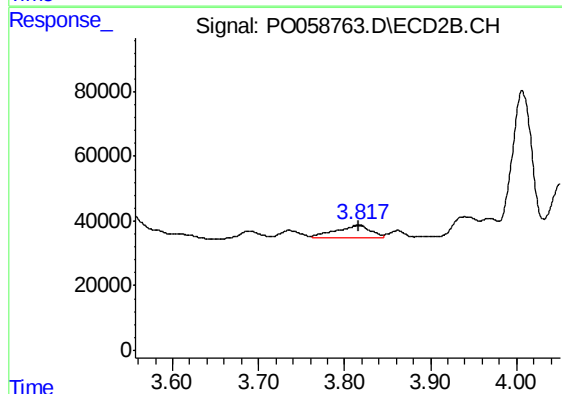
R.T.: 3.735 min
Delta R.T.: 0.004 min
Response: 43889
Conc: 108.95 ng/ml



#9 AR-1221-2

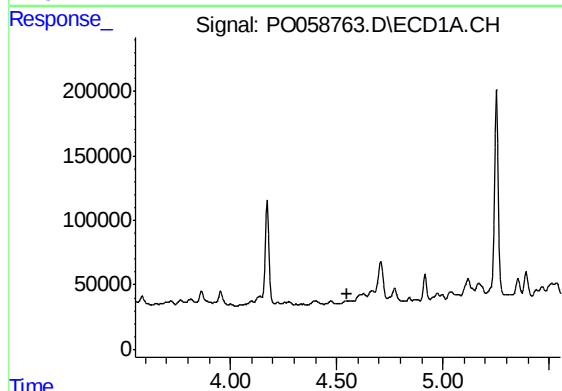
R.T.: 0.000 min
Exp R.T. : 4.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



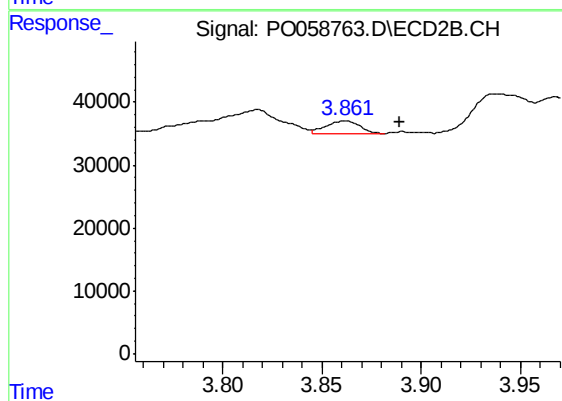
#9 AR-1221-2

R.T.: 3.817 min
Delta R.T.: 0.001 min
Response: 110856
Conc: 371.42 ng/ml



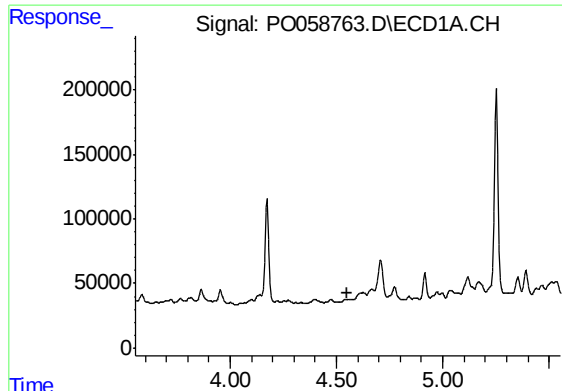
#10 AR-1221-3

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



#10 AR-1221-3

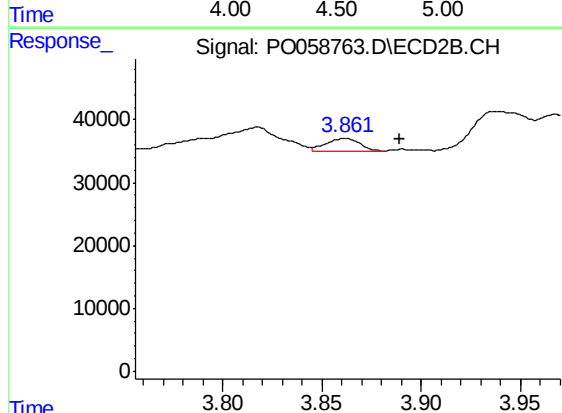
R.T.: 3.862 min
Delta R.T.: -0.028 min
Response: 25109
Conc: 26.25 ng/ml



#11 AR-1232-1

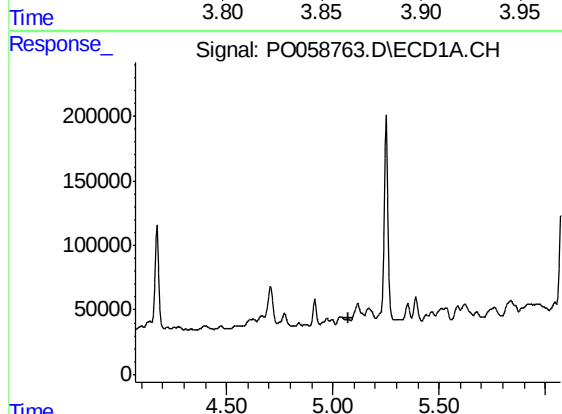
R.T.: 0.000 min
Exp R.T. : 4.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



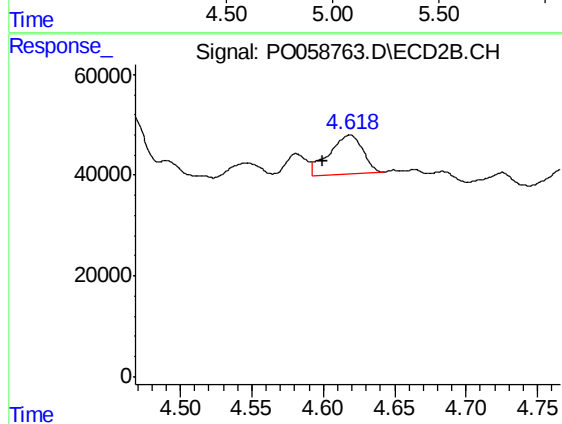
#11 AR-1232-1

R.T.: 3.862 min
Delta R.T.: -0.028 min
Response: 25109
Conc: 31.96 ng/ml



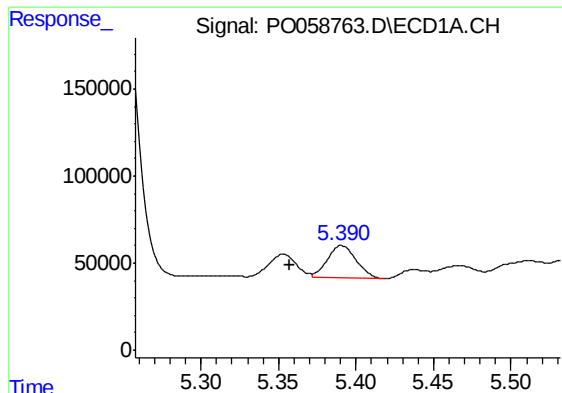
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.072 min
Response: 0
Conc: N.D.



#12 AR-1232-2

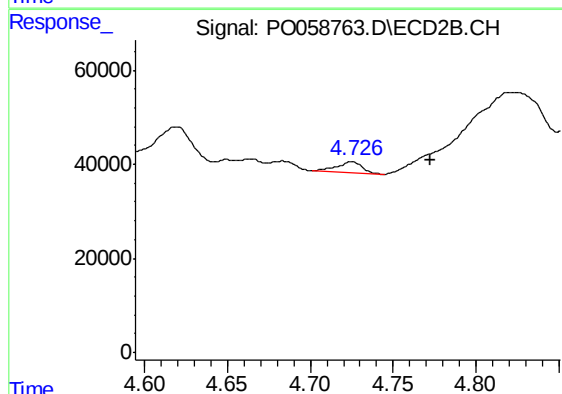
R.T.: 4.619 min
Delta R.T.: 0.019 min
Response: 126864
Conc: 150.05 ng/ml



#13 AR-1232-3

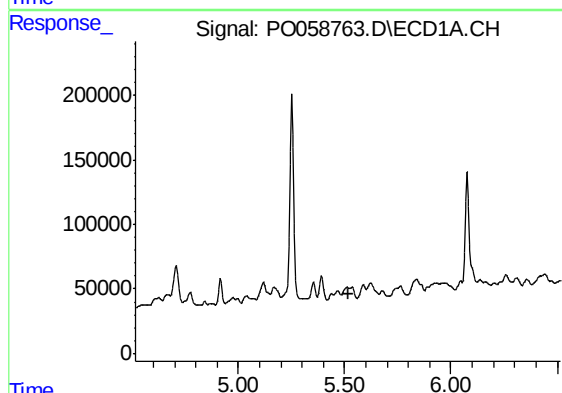
R.T.: 5.391 min
Delta R.T.: 0.034 min
Response: 232696
Conc: 217.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



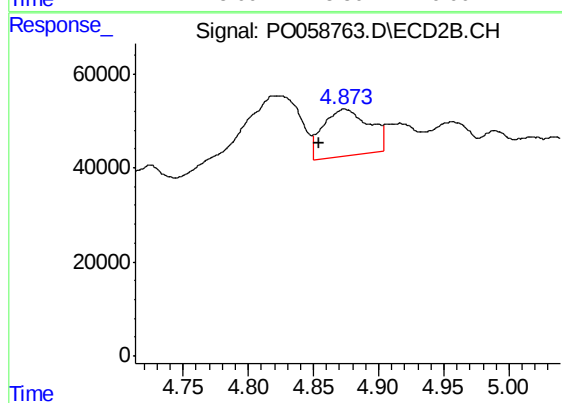
#13 AR-1232-3

R.T.: 4.725 min
Delta R.T.: -0.047 min
Response: 24746
Conc: 56.27 ng/ml



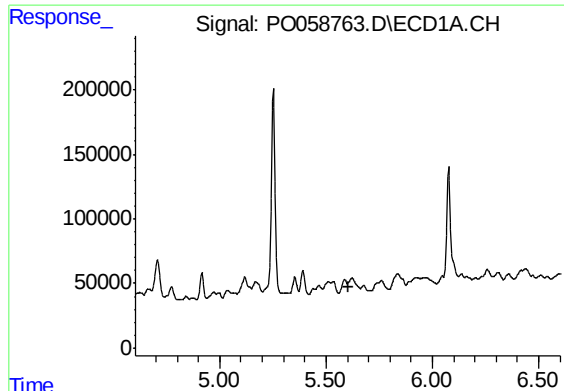
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



#14 AR-1232-4

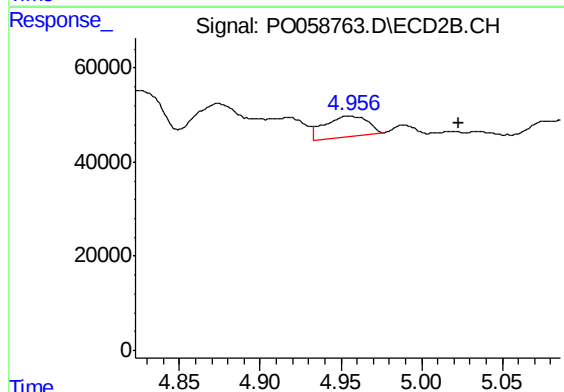
R.T.: 4.874 min
Delta R.T.: 0.020 min
Response: 244028
Conc: 617.37 ng/ml



#15 AR-1232-5

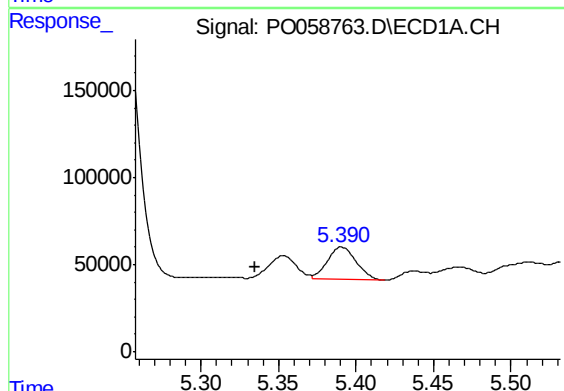
R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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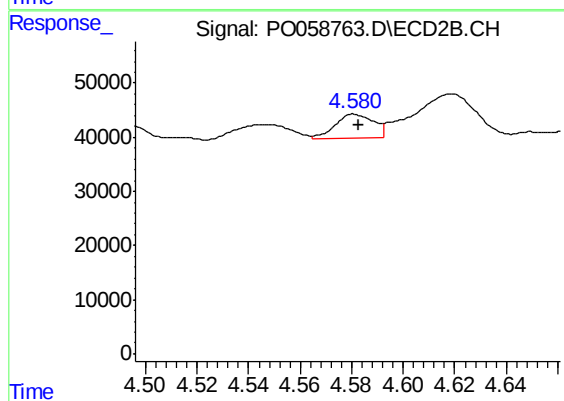
#15 AR-1232-5

R.T.: 4.956 min
Delta R.T.: -0.067 min
Response: 80021
Conc: 181.76 ng/ml



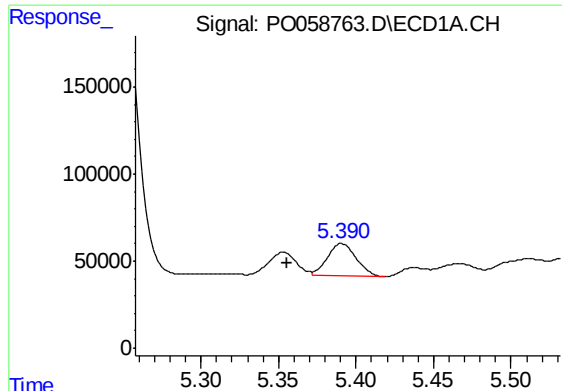
#16 AR-1242-1

R.T.: 5.391 min
Delta R.T.: 0.056 min
Response: 232696
Conc: 181.71 ng/ml



#16 AR-1242-1

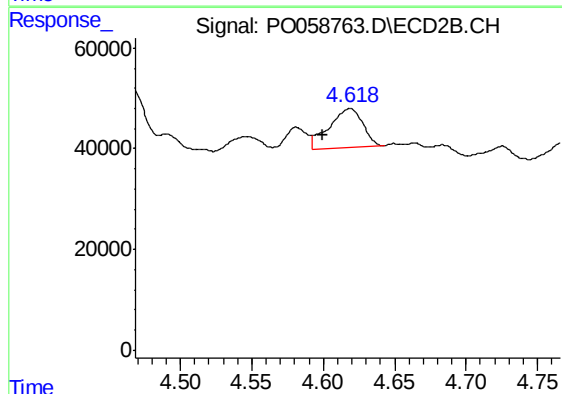
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 46018
Conc: 45.33 ng/ml



#17 AR-1242-2

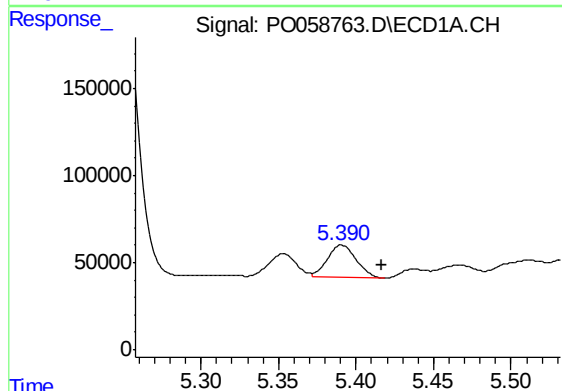
R.T.: 5.391 min
Delta R.T.: 0.035 min
Response: 232696
Conc: 123.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



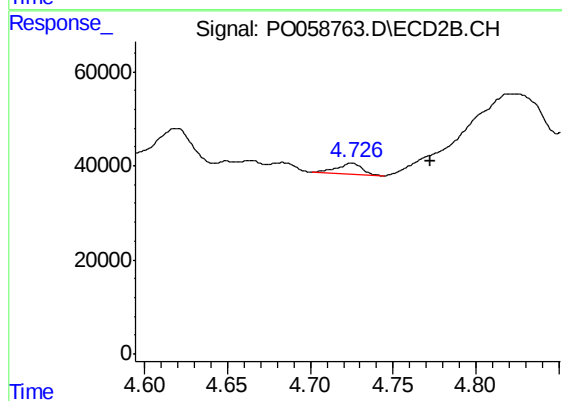
#17 AR-1242-2

R.T.: 4.619 min
Delta R.T.: 0.019 min
Response: 126864
Conc: 84.03 ng/ml



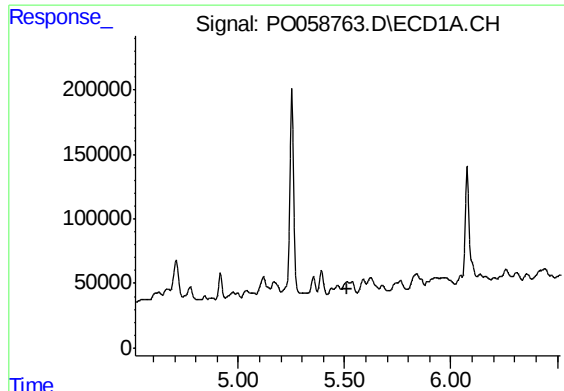
#18 AR-1242-3

R.T.: 5.391 min
Delta R.T.: -0.026 min
Response: 232696
Conc: 198.37 ng/ml



#18 AR-1242-3

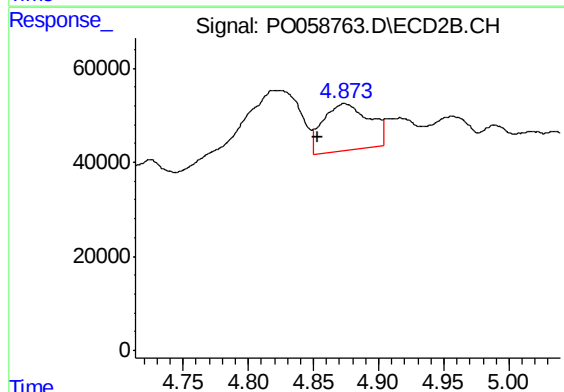
R.T.: 4.725 min
Delta R.T.: -0.047 min
Response: 24746
Conc: 30.39 ng/ml



#19 AR-1242-4

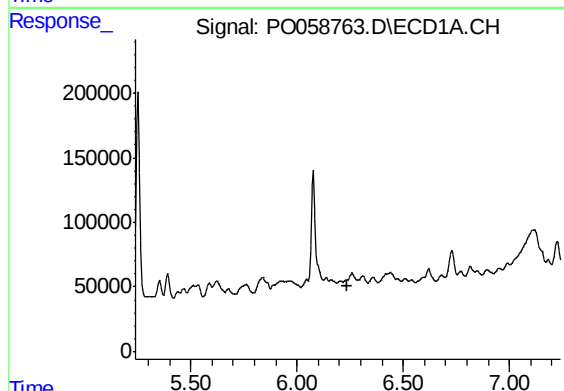
R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



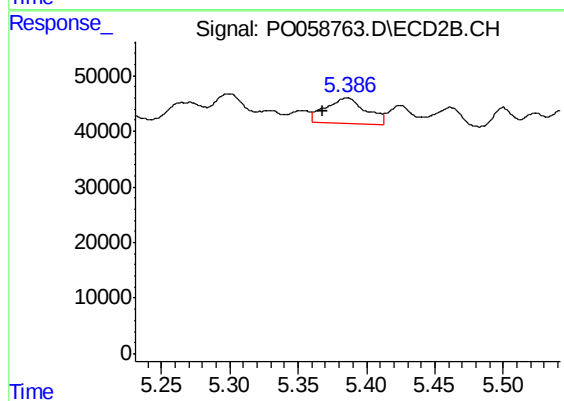
#19 AR-1242-4

R.T.: 4.874 min
Delta R.T.: 0.020 min
Response: 244028
Conc: 301.63 ng/ml



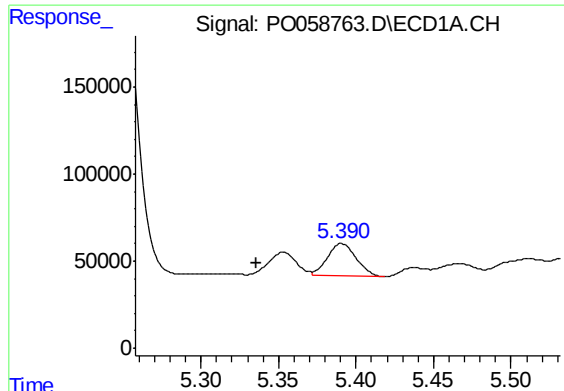
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.239 min
Response: 0
Conc: N.D.



#20 AR-1242-5

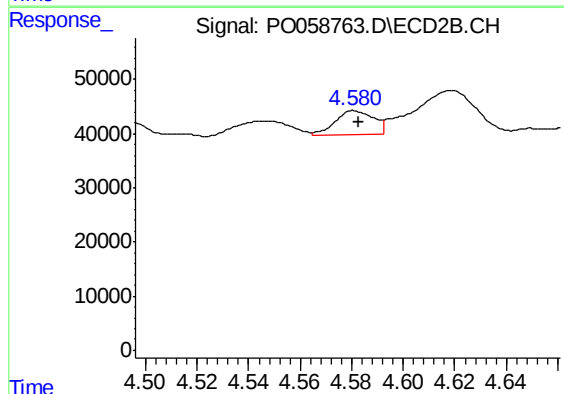
R.T.: 5.386 min
Delta R.T.: 0.018 min
Response: 95138
Conc: 88.69 ng/ml



#21 AR-1248-1

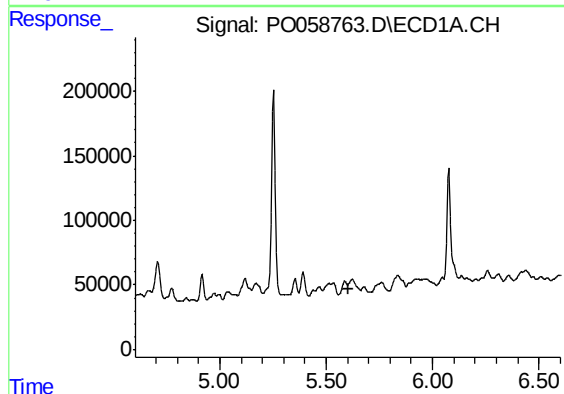
R.T.: 5.391 min
Delta R.T.: 0.055 min
Response: 232696
Conc: 230.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



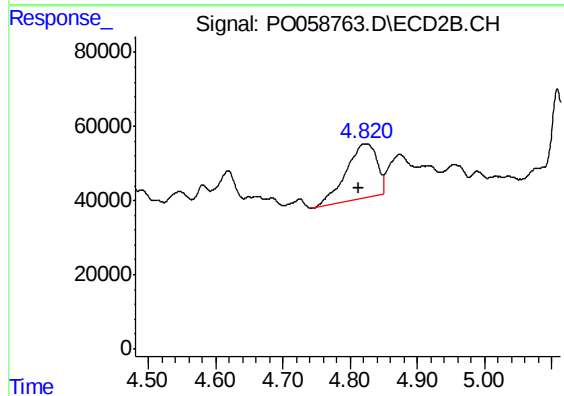
#21 AR-1248-1

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 46018
Conc: 57.55 ng/ml



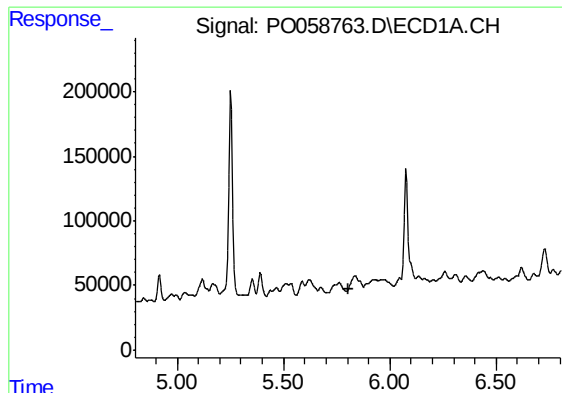
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.602 min
Response: 0
Conc: N.D.



#22 AR-1248-2

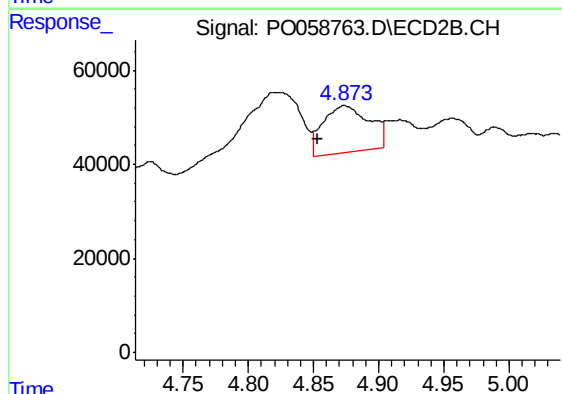
R.T.: 4.821 min
Delta R.T.: 0.007 min
Response: 472402
Conc: 426.36 ng/ml



#23 AR-1248-3

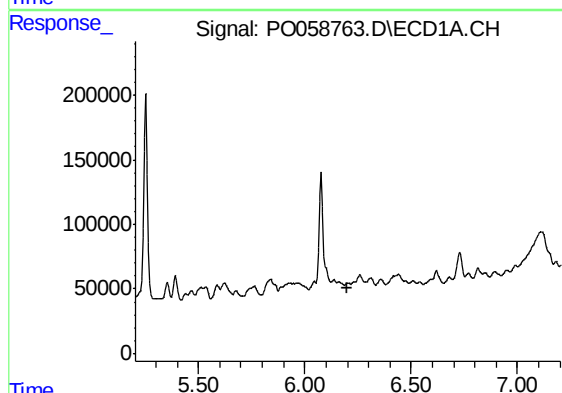
R.T.: 0.000 min
Exp R.T.: 5.803 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



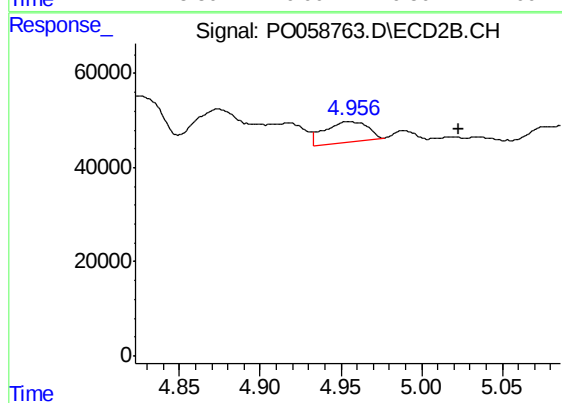
#23 AR-1248-3

R.T.: 4.874 min
Delta R.T.: 0.020 min
Response: 244028
Conc: 214.41 ng/ml



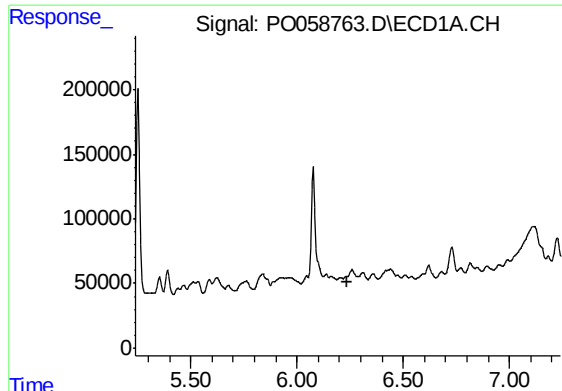
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.203 min
Response: 0
Conc: N.D.



#24 AR-1248-4

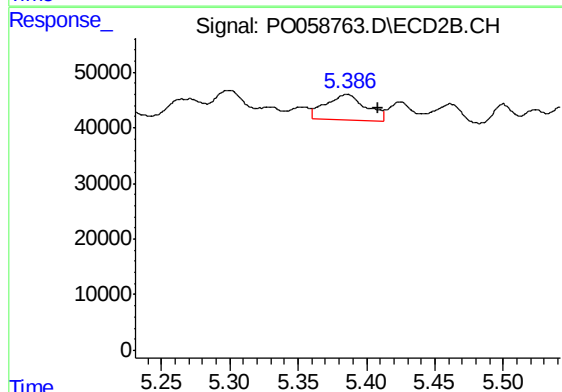
R.T.: 4.956 min
Delta R.T.: -0.067 min
Response: 80021
Conc: 57.28 ng/ml



#25 AR-1248-5

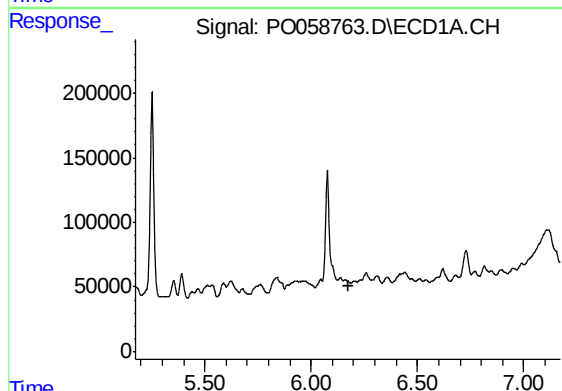
R.T.: 0.000 min
Exp R.T. : 6.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



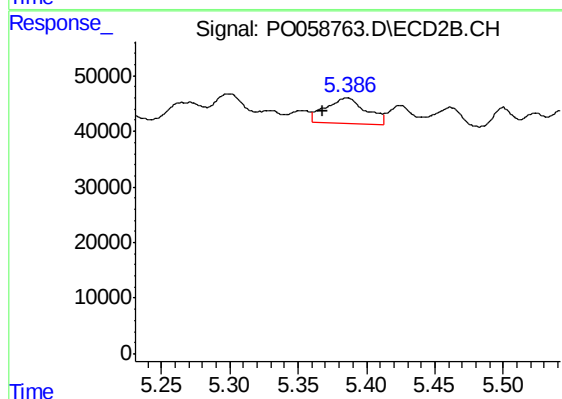
#25 AR-1248-5

R.T.: 5.386 min
Delta R.T.: -0.022 min
Response: 95138
Conc: 68.68 ng/ml



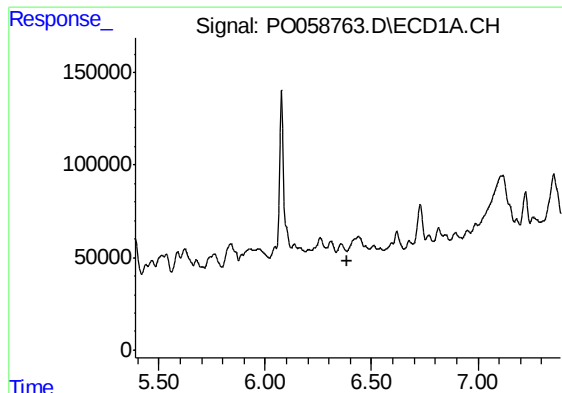
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.173 min
Response: 0
Conc: N.D.



#26 AR-1254-1

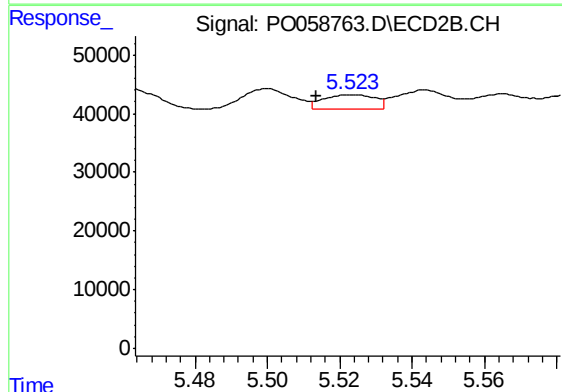
R.T.: 5.386 min
Delta R.T.: 0.018 min
Response: 95138
Conc: 36.73 ng/ml



#27 AR-1254-2

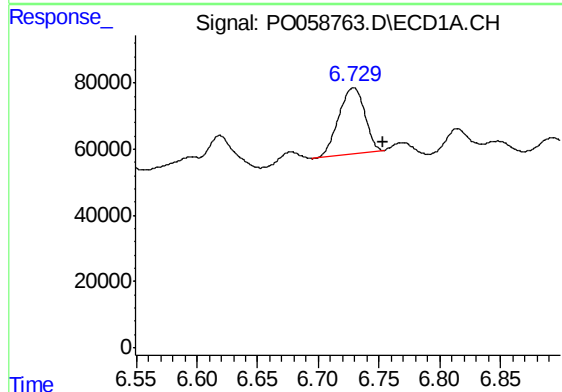
R.T.: 0.000 min
Exp R.T.: 6.389 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



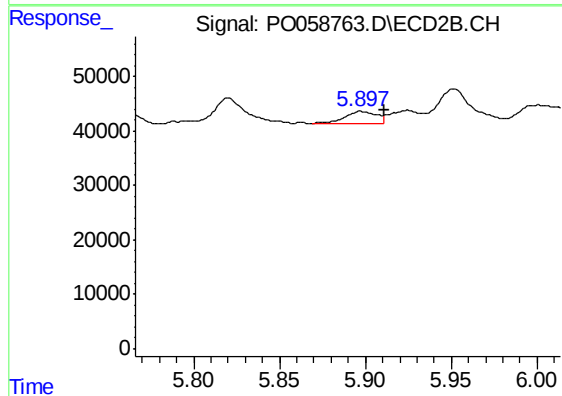
#27 AR-1254-2

R.T.: 5.524 min
Delta R.T.: 0.010 min
Response: 23565
Conc: 10.29 ng/ml



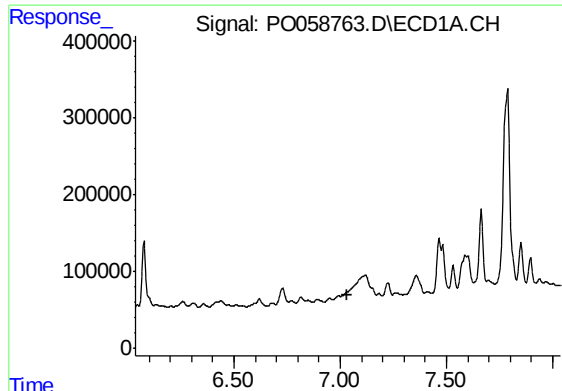
#28 AR-1254-3

R.T.: 6.729 min
Delta R.T.: -0.025 min
Response: 300147
Conc: 74.12 ng/ml



#28 AR-1254-3

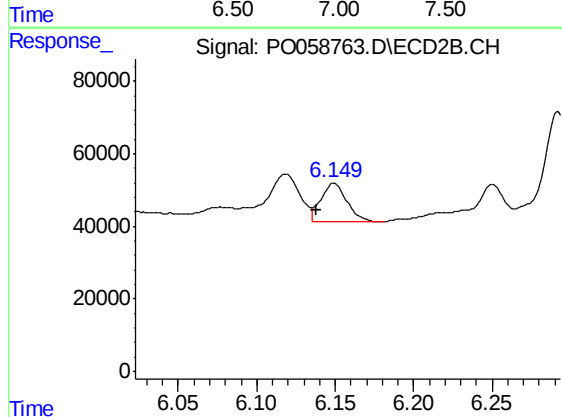
R.T.: 5.898 min
Delta R.T.: -0.013 min
Response: 28167
Conc: 7.66 ng/ml



#29 AR-1254-4

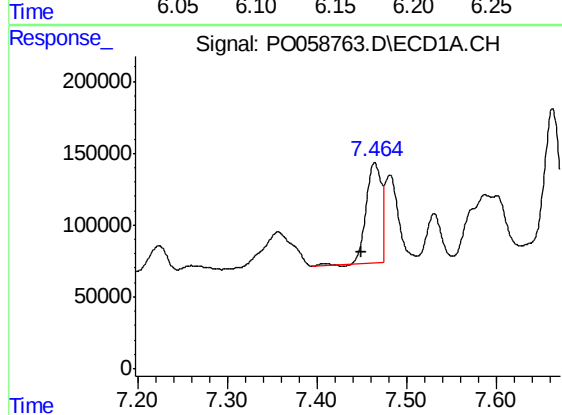
R.T.: 0.000 min
Exp R.T.: 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



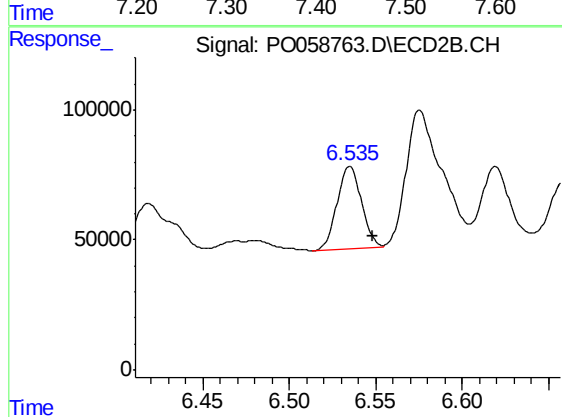
#29 AR-1254-4

R.T.: 6.150 min
Delta R.T.: 0.012 min
Response: 122464
Conc: 52.67 ng/ml



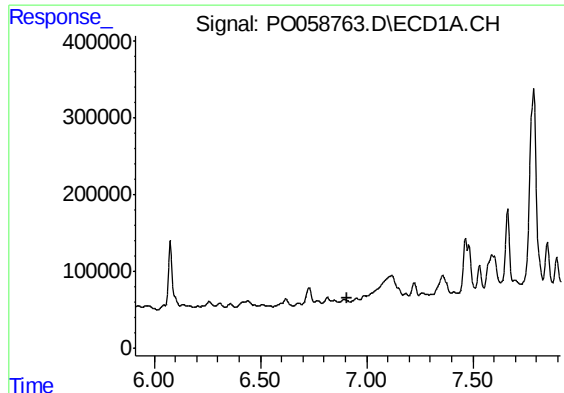
#30 AR-1254-5

R.T.: 7.465 min
Delta R.T.: 0.014 min
Response: 816540
Conc: 225.27 ng/ml



#30 AR-1254-5

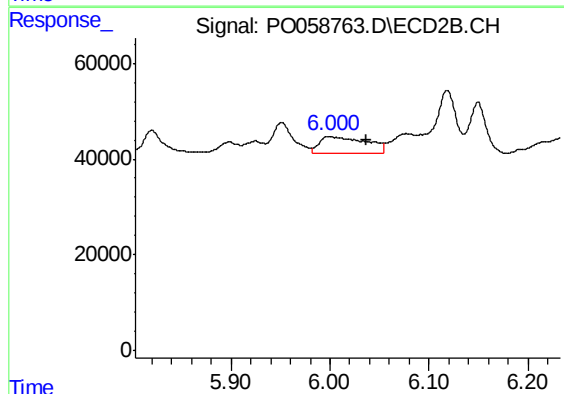
R.T.: 6.535 min
Delta R.T.: -0.013 min
Response: 311873
Conc: 90.41 ng/ml



#31 AR-1260-1

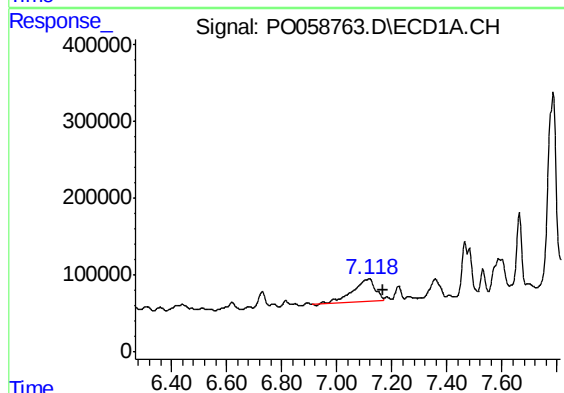
R.T.: 0.000 min
Exp R.T.: 6.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



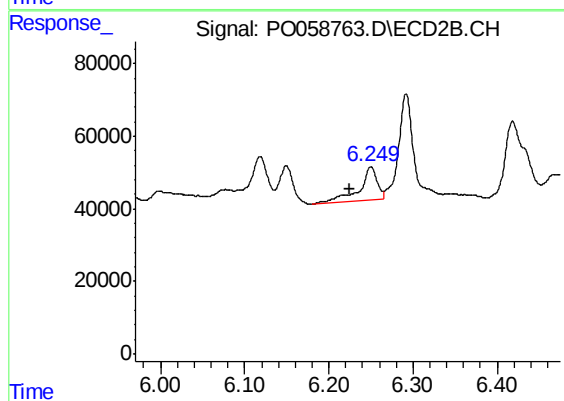
#31 AR-1260-1

R.T.: 6.000 min
Delta R.T.: -0.037 min
Response: 110215
Conc: 46.31 ng/ml



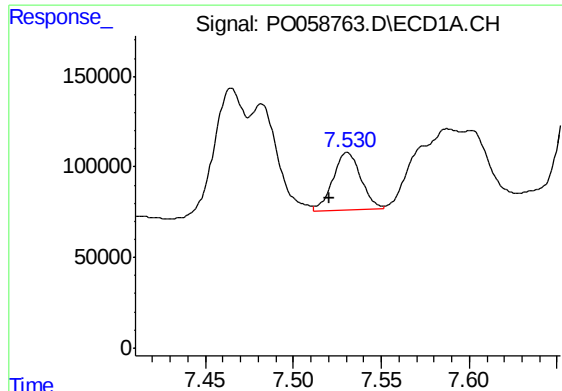
#32 AR-1260-2

R.T.: 7.119 min
Delta R.T.: -0.049 min
Response: 1691515
Conc: 406.61 ng/ml



#32 AR-1260-2

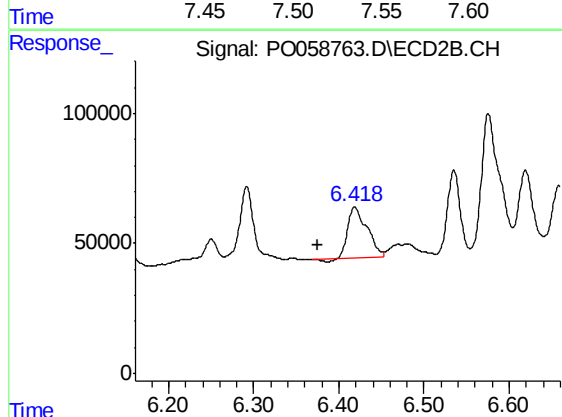
R.T.: 6.250 min
Delta R.T.: 0.026 min
Response: 136257
Conc: 44.98 ng/ml



#33 AR-1260-3

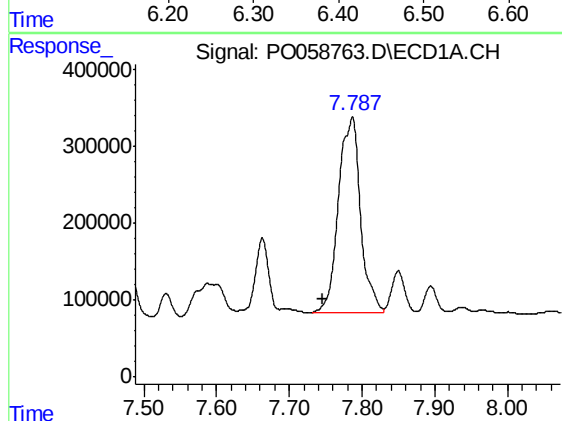
R.T.: 7.531 min
Delta R.T.: 0.010 min
Response: 358680
Conc: 96.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
30079



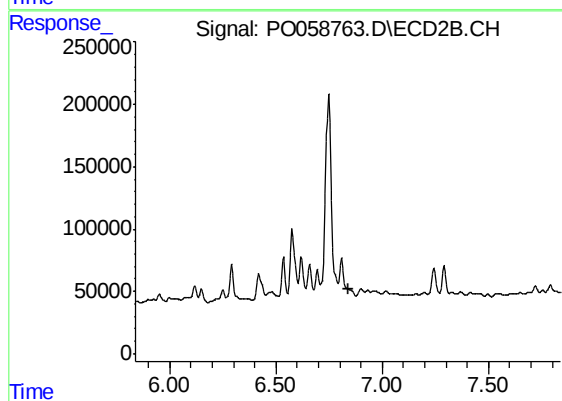
#33 AR-1260-3

R.T.: 6.418 min
Delta R.T.: 0.044 min
Response: 297311
Conc: 110.12 ng/ml



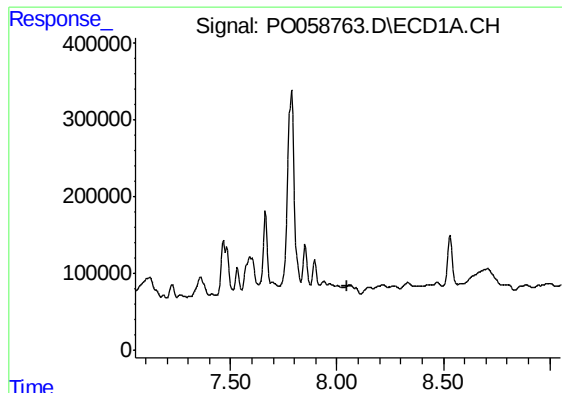
#34 AR-1260-4

R.T.: 7.787 min
Delta R.T.: 0.041 min
Response: 5362882
Conc: 1573.72 ng/ml



#34 AR-1260-4

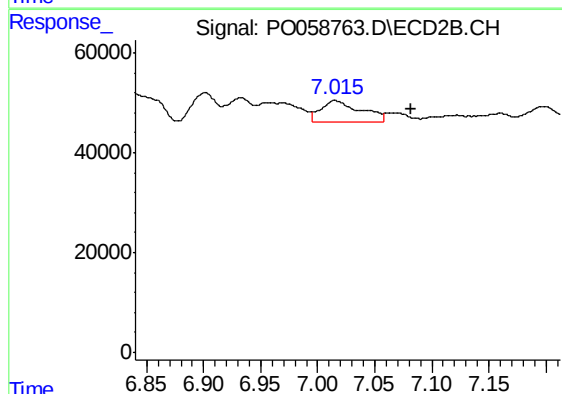
R.T.: 6.809 min
Delta R.T.: -0.030 min
Response: -1593
Conc: N.D.



#35 AR-1260-5

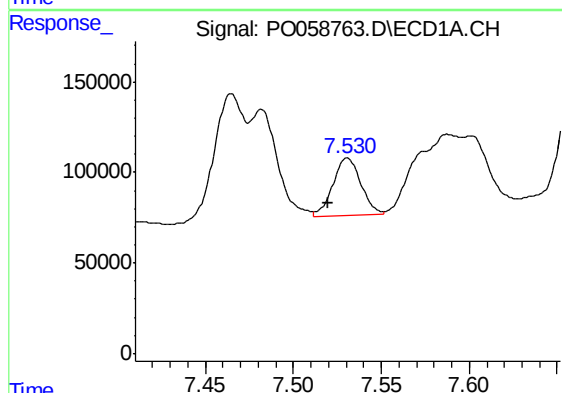
R.T.: 0.000 min
Exp R.T.: 8.051 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



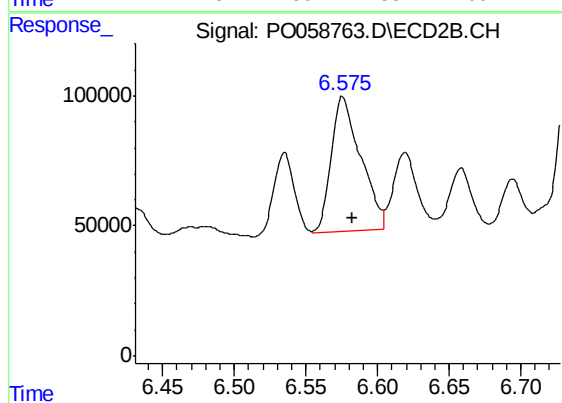
#35 AR-1260-5

R.T.: 7.015 min
Delta R.T.: -0.067 min
Response: 103079
Conc: 19.14 ng/ml



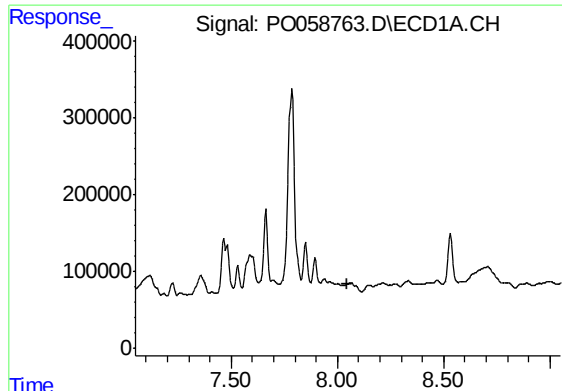
#36 AR-1262-1

R.T.: 7.531 min
Delta R.T.: 0.011 min
Response: 358680
Conc: 71.16 ng/ml



#36 AR-1262-1

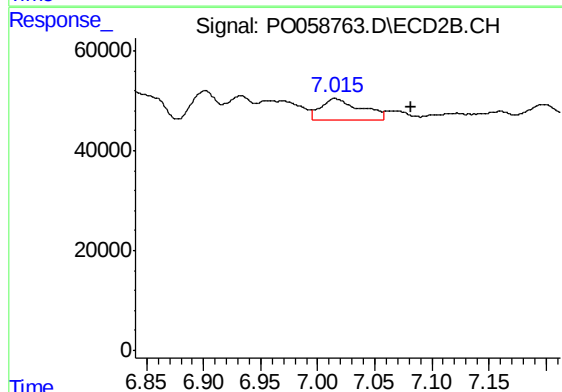
R.T.: 6.576 min
Delta R.T.: -0.007 min
Response: 746390
Conc: 208.97 ng/ml



#37 AR-1262-2

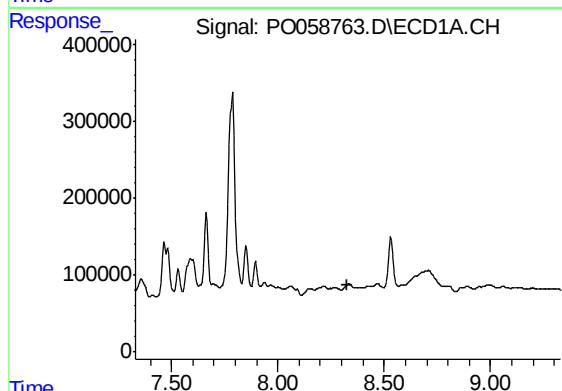
R.T.: 0.000 min
Exp R.T. : 8.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



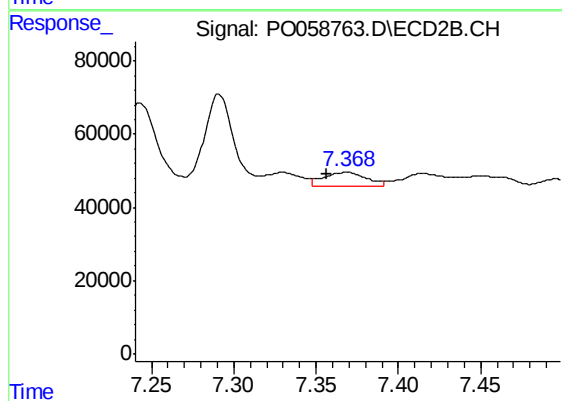
#37 AR-1262-2

R.T.: 7.015 min
Delta R.T.: -0.067 min
Response: 103079
Conc: 18.26 ng/ml



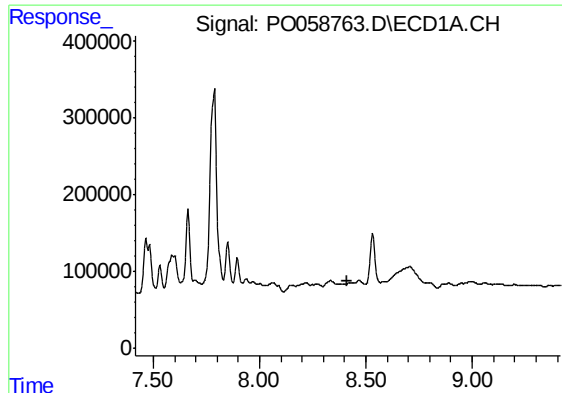
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.330 min
Response: 0
Conc: N.D.



#38 AR-1262-3

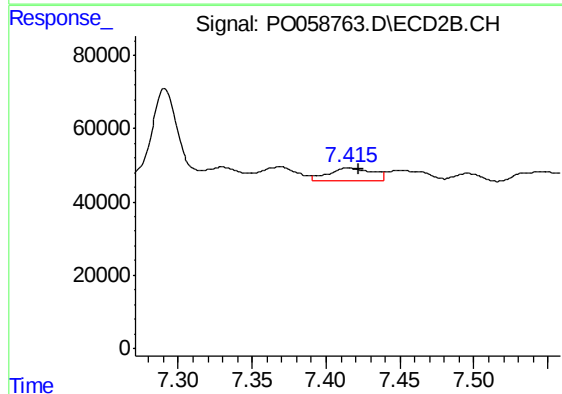
R.T.: 7.369 min
Delta R.T.: 0.012 min
Response: 69724
Conc: 28.25 ng/ml



#39 AR-1262-4

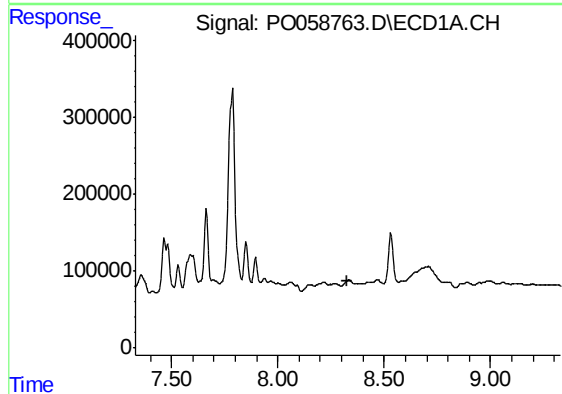
R.T.: 0.000 min
Exp R.T.: 8.415 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



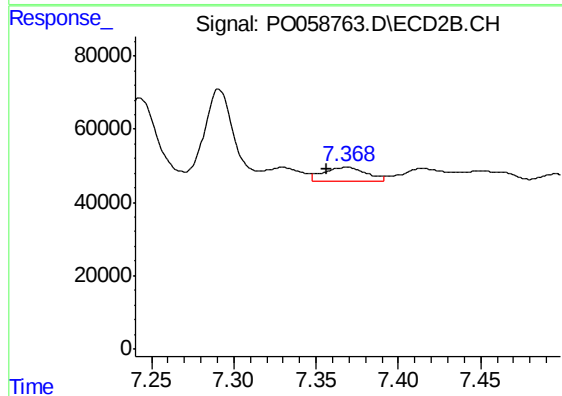
#39 AR-1262-4

R.T.: 7.415 min
Delta R.T.: -0.007 min
Response: 75320
Conc: 17.74 ng/ml



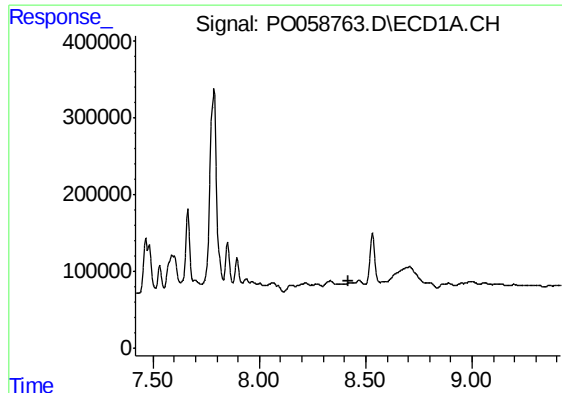
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.330 min
Response: 0
Conc: N.D.



#41 AR-1268-1

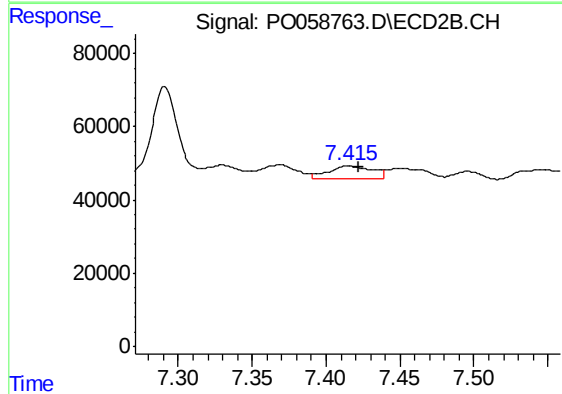
R.T.: 7.369 min
Delta R.T.: 0.012 min
Response: 69724
Conc: 8.56 ng/ml



#42 AR-1268-2

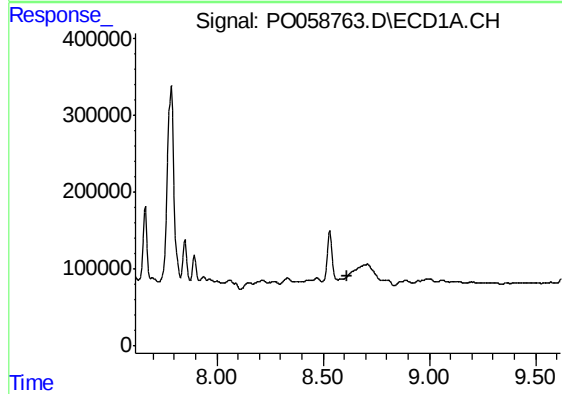
R.T.: 0.000 min
Exp R.T. : 8.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



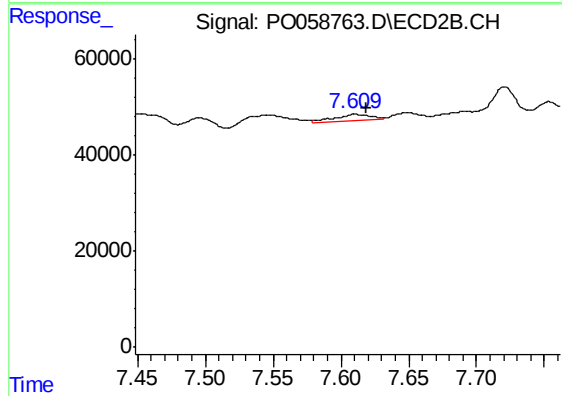
#42 AR-1268-2

R.T.: 7.415 min
Delta R.T.: -0.007 min
Response: 75320
Conc: 9.94 ng/ml



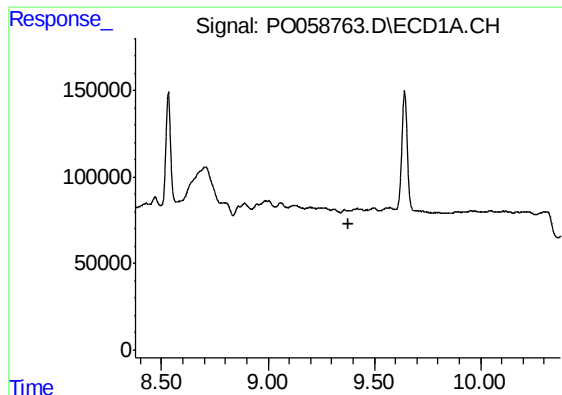
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.617 min
Response: 0
Conc: N.D.



#43 AR-1268-3

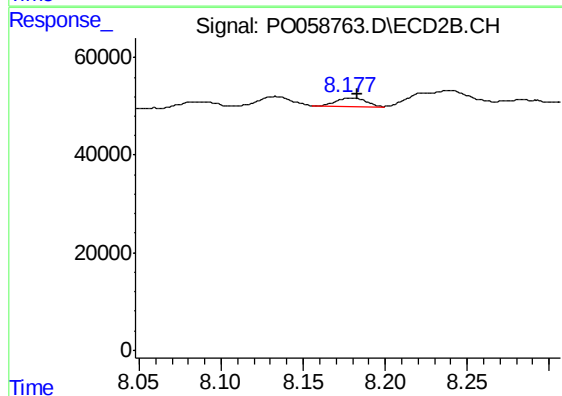
R.T.: 7.610 min
Delta R.T.: -0.009 min
Response: 27335
Conc: 4.28 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30079



#45 AR-1268-5

R.T.: 8.179 min
Delta R.T.: -0.004 min
Response: 22189
Conc: 1.29 ng/ml