

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040819\
 Data File : P0055037.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Apr 2019 13:49
 Operator : SM/SJ
 Sample : K1560-07
 Misc : AR1248 LOD 40PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 06:53:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 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...	4.298	3.610	1334918	1228235	38.465	38.488
2)	SA Decachlor...	9.917	8.581	1493635	1050273	30.298	32.977
Target Compounds							
3)	L1 AR-1016-1	5.460	4.707	87989	78817	48.899	49.840
4)	L1 AR-1016-2	5.483	4.707	103020	78817	41.479	36.783
5)	L1 AR-1016-3	5.544	4.883	58919	50399	37.451	41.713
6)	L1 AR-1016-4	5.641	4.922	61014	101897	46.823	100.834 #
7)	L1 AR-1016-5	5.935	5.134	142726	105139	106.970	80.665
9)	L2 AR-1221-2	4.602	3.909	21256	22218	62.680	74.111
10)	L2 AR-1221-3	4.670	3.984	11464	10407	11.036	11.290
11)	L3 AR-1232-1	4.670	3.984	11464	10407	13.315	13.878
12)	L3 AR-1232-2	5.194	4.707	38641	78817	78.998	91.530
13)	L3 AR-1232-3	5.483	4.883	103020	50399	105.412	104.009
14)	L3 AR-1232-4	5.641	4.963	61014	104677	119.201	238.226 #
15)	L3 AR-1232-5	5.731	5.134	132048	105139	317.426	216.175 #
16)	L4 AR-1242-1	5.460	4.707	87989	78817	63.334	64.198
17)	L4 AR-1242-2	5.483	4.707	103020	78817	53.839	47.560
18)	L4 AR-1242-3	5.544	4.883	58919	50399	47.536	53.201
19)	L4 AR-1242-4	5.641	4.963	61014	104677	59.844	109.523 #
20)	L4 AR-1242-5	6.374	5.513	171623	291271	142.170	236.826 #
21)	L5 AR-1248-1	5.460	4.707	87989	78817	88.018	89.791
22)	L5 AR-1248-2	5.731	4.922	132048	101897	90.923	84.313
23)	L5 AR-1248-3	5.935	4.963	142726	104677	89.362	83.890
24)	L5 AR-1248-4	6.336	5.134	178710	105139	95.132	69.035 #
25)	L5 AR-1248-5	6.374	5.513	171623	291271	95.729	195.369 #
26)	L6 AR-1254-1	6.311	5.513	339752	291271	187.379	133.276 #
27)	L6 AR-1254-2	6.531	5.630	160989	129469	56.394	66.772
28)	L6 AR-1254-3	6.896	6.032	192892	82717	61.338	25.803 #
29)	L6 AR-1254-4	7.177	6.259	96216	53491	39.330	27.320 #
30)	L6 AR-1254-5	7.595	6.674	12632	11961	4.713	4.161
31)	L7 AR-1260-1	7.095	6.177	31813	40651	12.661	17.689 #
32)	L7 AR-1260-2	7.311	6.337	31146	84024	10.036	30.524 #
33)	L7 AR-1260-3	0.000	6.501	0	24144	N.D.	9.366 #
36)	L8 AR-1262-1	0.000	6.674	0	11961	N.D.	4.021 #
38)	L8 AR-1262-3	0.000	7.531	0	798391	N.D.	388.804 #
39)	L8 AR-1262-4	0.000	7.531	0	798391	N.D.	220.421 #
40)	L8 AR-1262-5	0.000	8.045	0	7849	N.D.	4.863 #
41)	L9 AR-1268-1	0.000	7.531	0	798391	N.D.	141.204 #
42)	L9 AR-1268-2	0.000	7.531	0	798391	N.D.	154.380 #
43)	L9 AR-1268-3	8.799	7.763	18007	6755	3.306	1.570 #
44)	L9 AR-1268-4	0.000	8.045	0	7849	N.D.	4.234 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040819\
Data File : P0055037.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Apr 2019 13:49
Operator : SM/SJ
Sample : K1560-07
Misc : AR1248 LOD 40PPB
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 06:53:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 17:22:26 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
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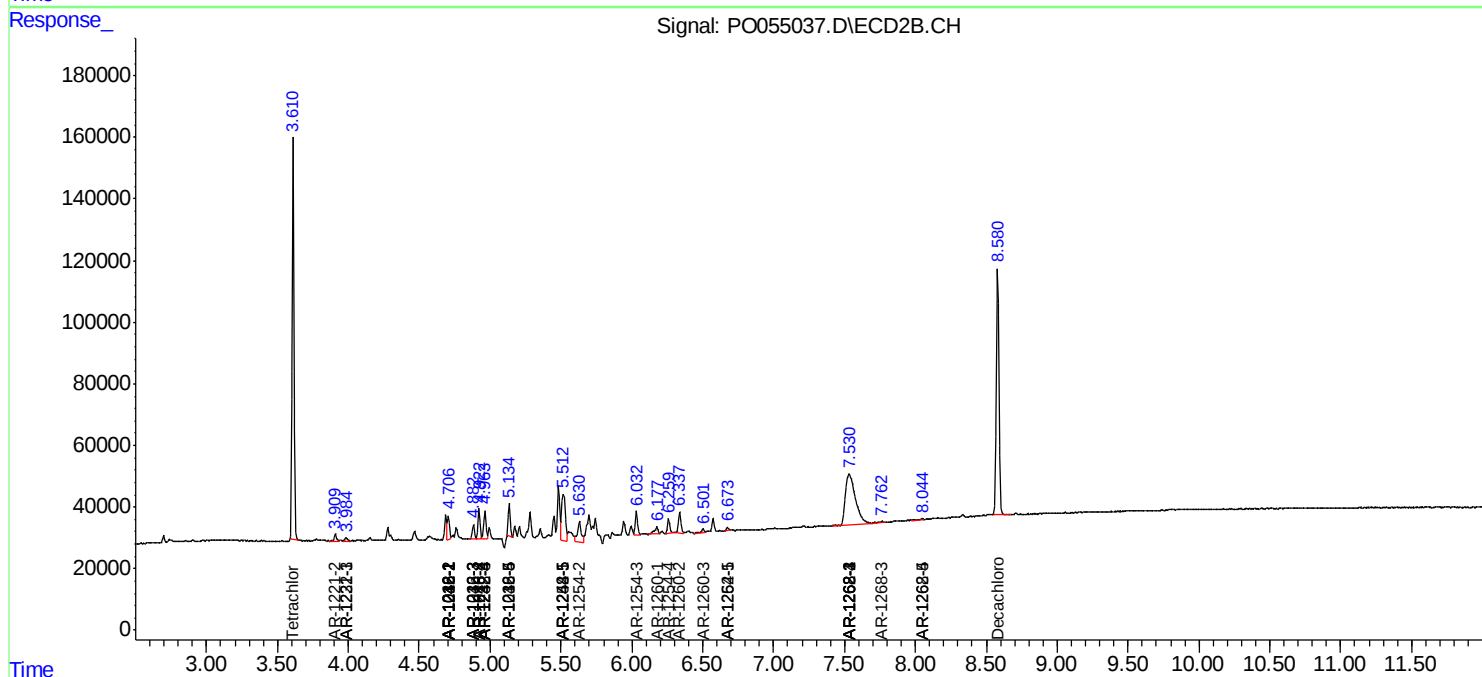
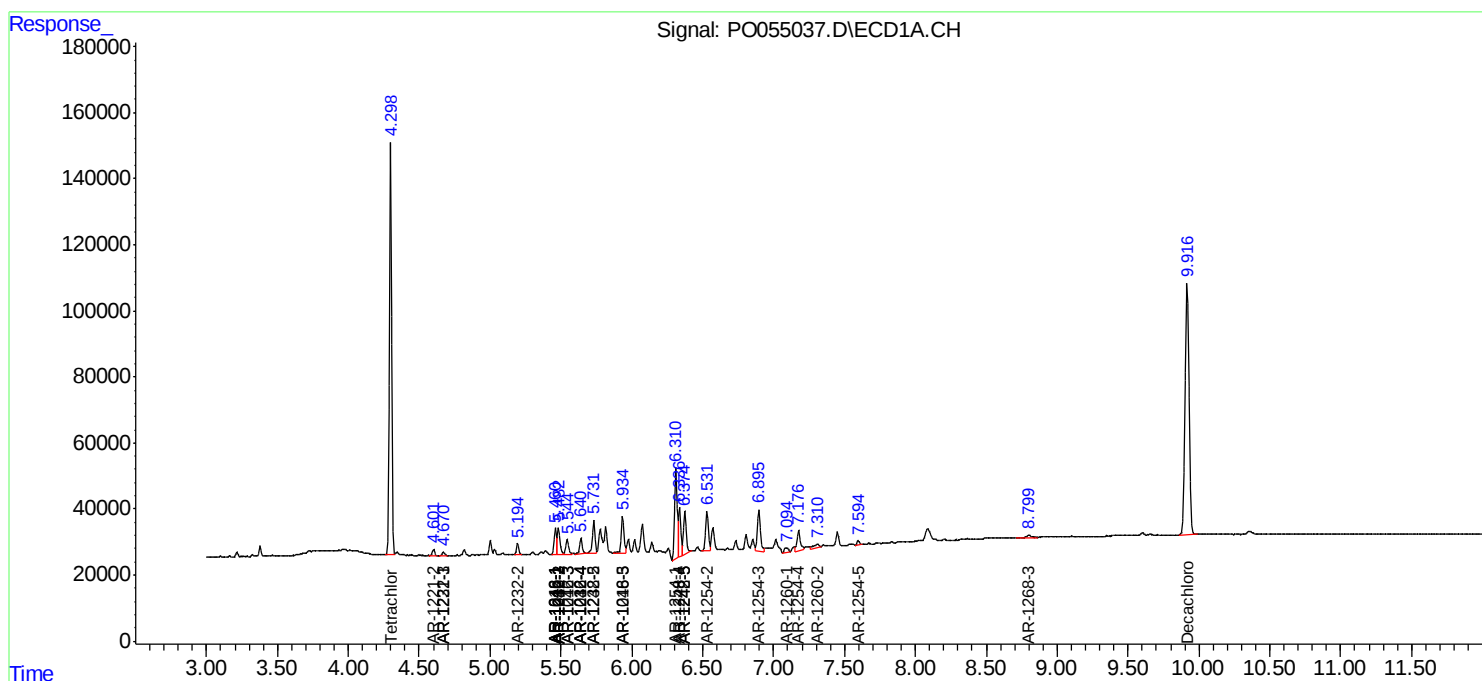
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

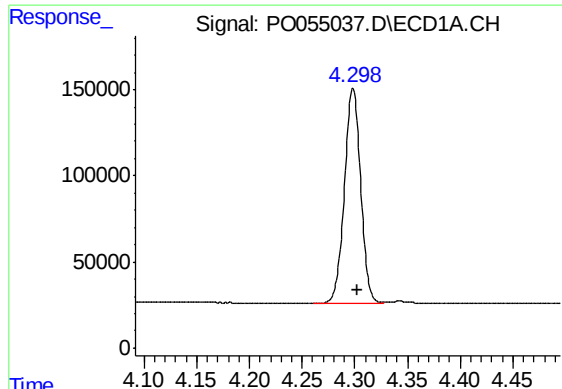
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO040819\
Data File : PO055037.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Apr 2019 13:49
Operator : SM/SJ
Sample : K1560-07
Misc : AR1248 LOD 40PPB
ALS Vial : 17 Sample Multiplier: 1

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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

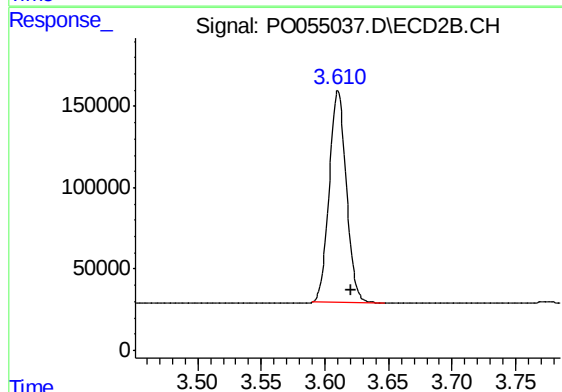




#1 Tetrachloro-m-xylene

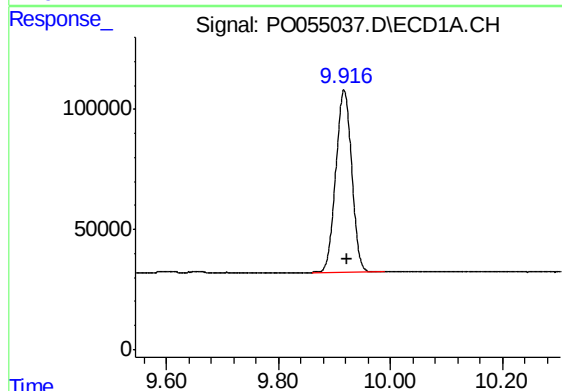
R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 1334918
Conc: 38.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



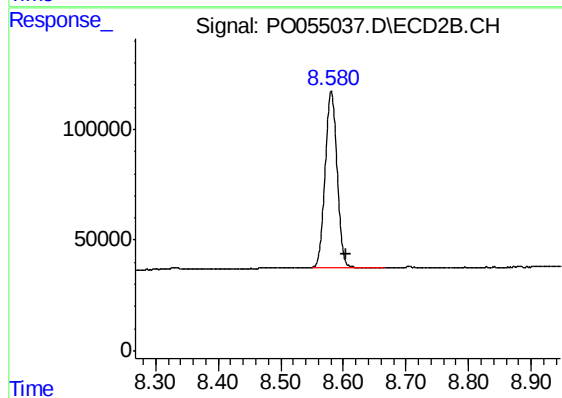
#1 Tetrachloro-m-xylene

R.T.: 3.610 min
Delta R.T.: -0.011 min
Response: 1228235
Conc: 38.49 ng/ml



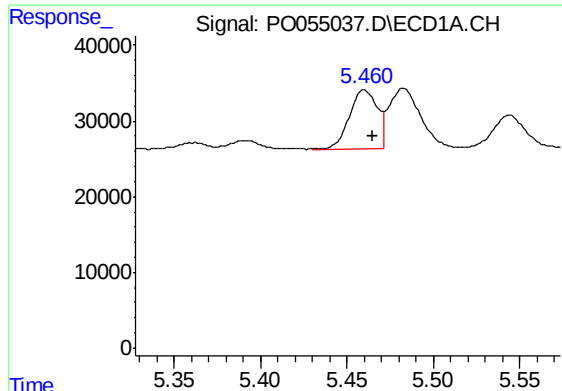
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.006 min
Response: 1493635
Conc: 30.30 ng/ml



#2 Decachlorobiphenyl

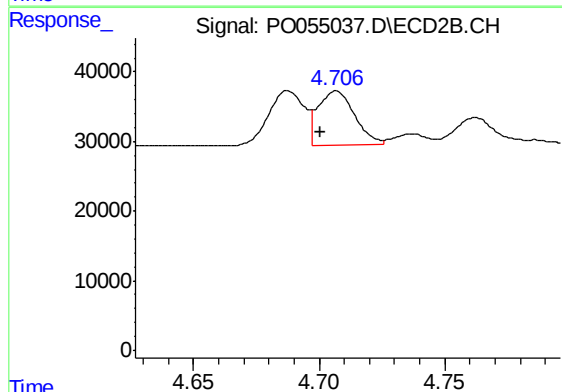
R.T.: 8.581 min
Delta R.T.: -0.023 min
Response: 1050273
Conc: 32.98 ng/ml



#3 AR-1016-1

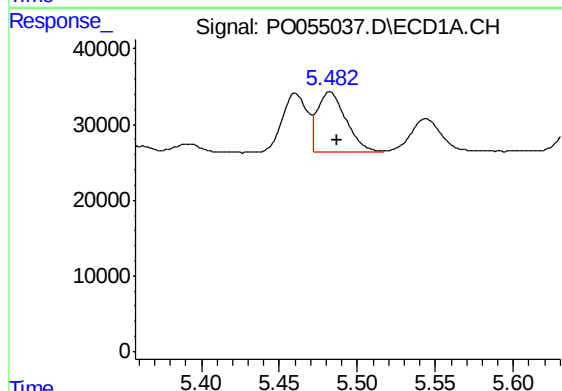
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 87989
Conc: 48.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



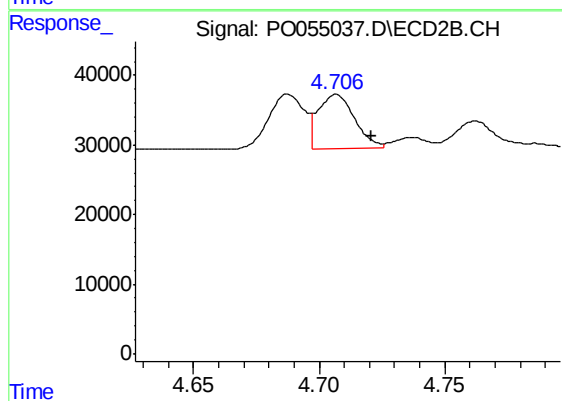
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: 0.006 min
Response: 78817
Conc: 49.84 ng/ml



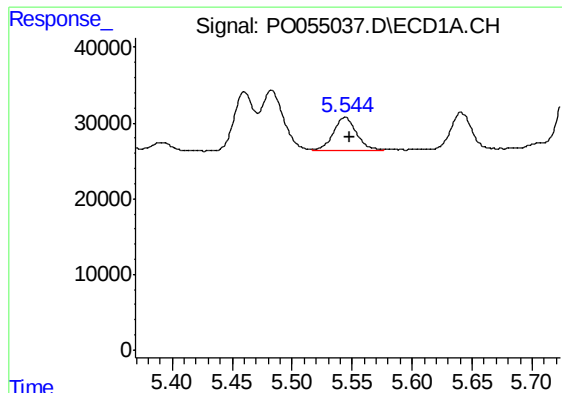
#4 AR-1016-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 103020
Conc: 41.48 ng/ml



#4 AR-1016-2

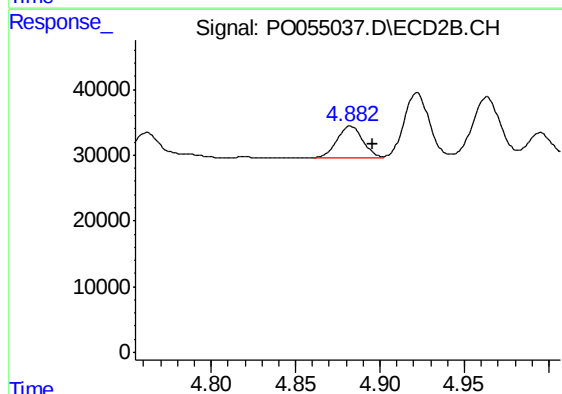
R.T.: 4.707 min
Delta R.T.: -0.014 min
Response: 78817
Conc: 36.78 ng/ml



#5 AR-1016-3

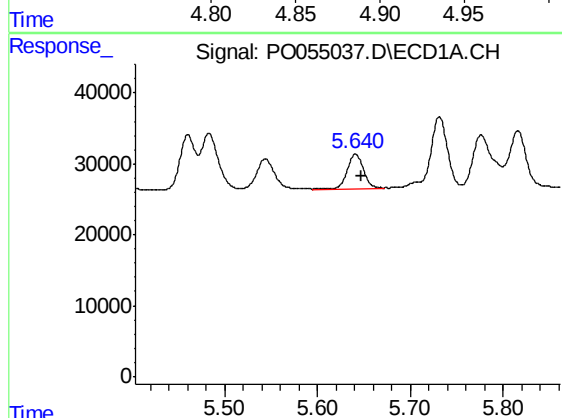
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 58919
Conc: 37.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



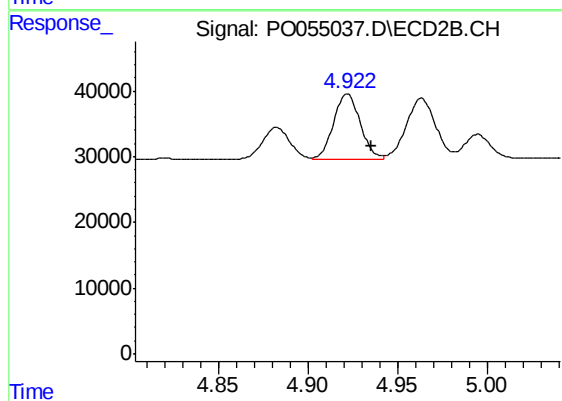
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 50399
Conc: 41.71 ng/ml



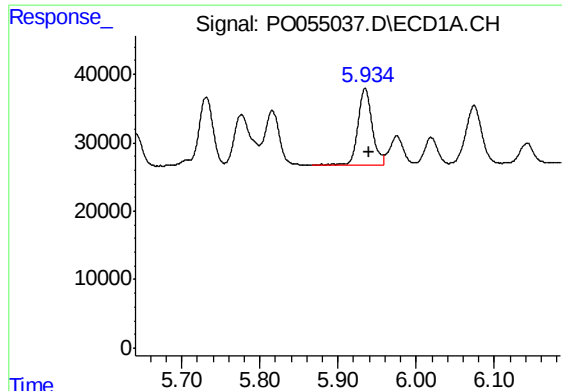
#6 AR-1016-4

R.T.: 5.641 min
Delta R.T.: -0.006 min
Response: 61014
Conc: 46.82 ng/ml



#6 AR-1016-4

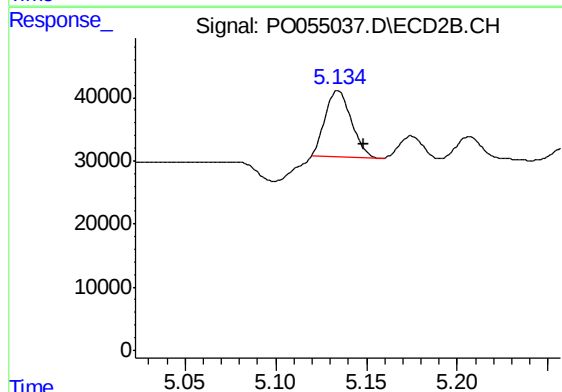
R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: 101897
Conc: 100.83 ng/ml



#7 AR-1016-5

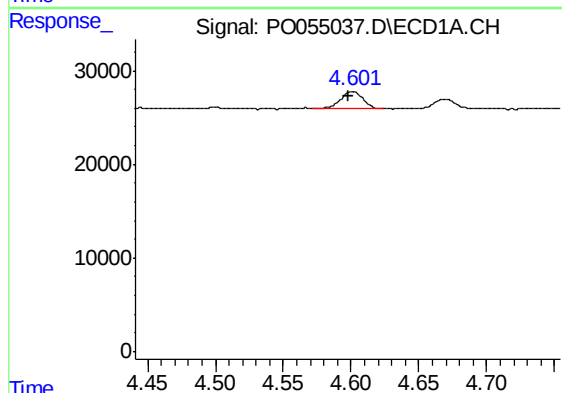
R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 142726
Conc: 106.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



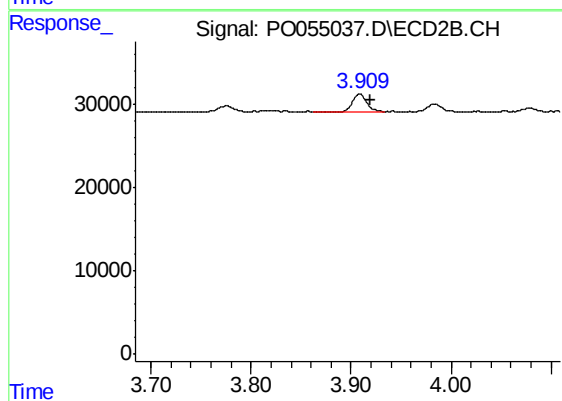
#7 AR-1016-5

R.T.: 5.134 min
Delta R.T.: -0.014 min
Response: 105139
Conc: 80.67 ng/ml



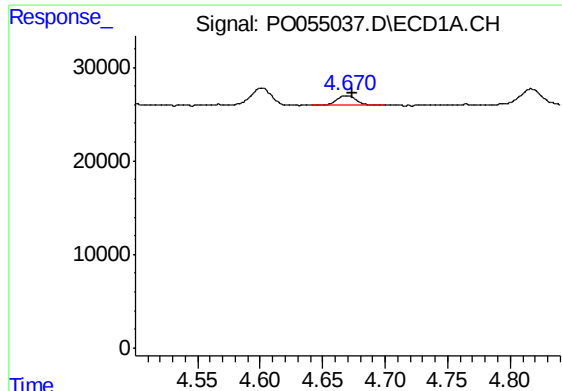
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: 0.004 min
Response: 21256
Conc: 62.68 ng/ml



#9 AR-1221-2

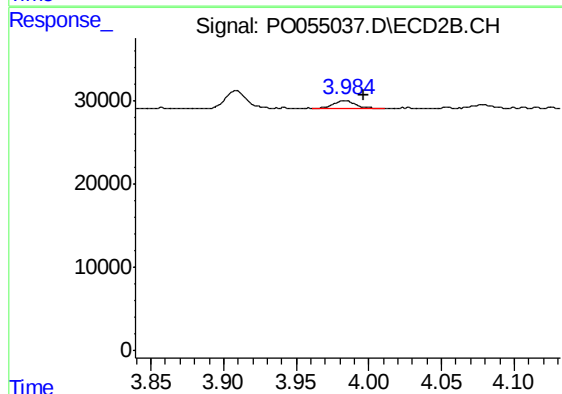
R.T.: 3.909 min
Delta R.T.: -0.011 min
Response: 22218
Conc: 74.11 ng/ml



#10 AR-1221-3

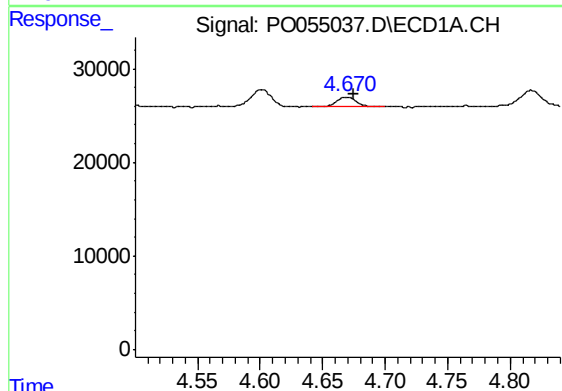
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 11464
Conc: 11.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



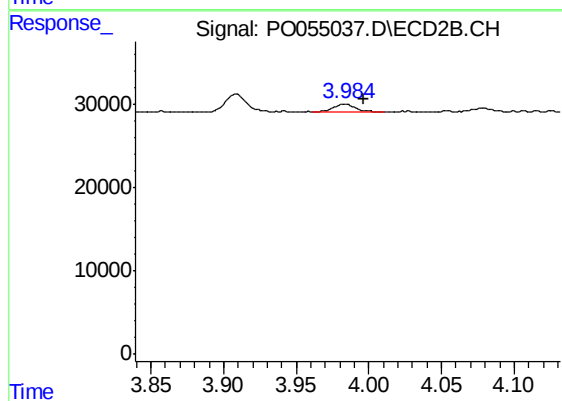
#10 AR-1221-3

R.T.: 3.984 min
Delta R.T.: -0.012 min
Response: 10407
Conc: 11.29 ng/ml



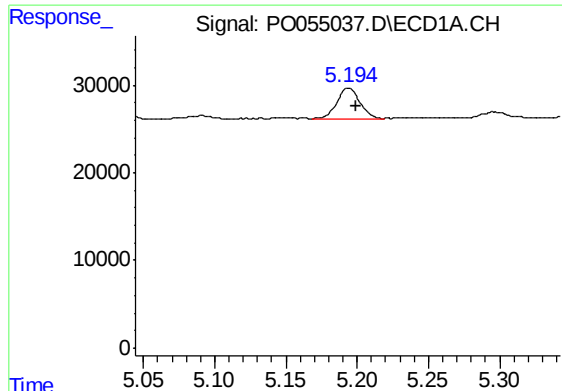
#11 AR-1232-1

R.T.: 4.670 min
Delta R.T.: -0.005 min
Response: 11464
Conc: 13.31 ng/ml



#11 AR-1232-1

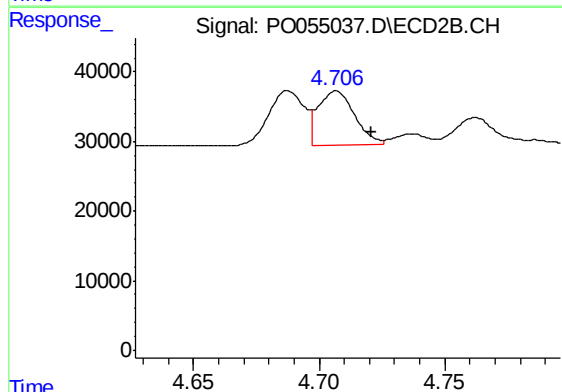
R.T.: 3.984 min
Delta R.T.: -0.013 min
Response: 10407
Conc: 13.88 ng/ml



#12 AR-1232-2

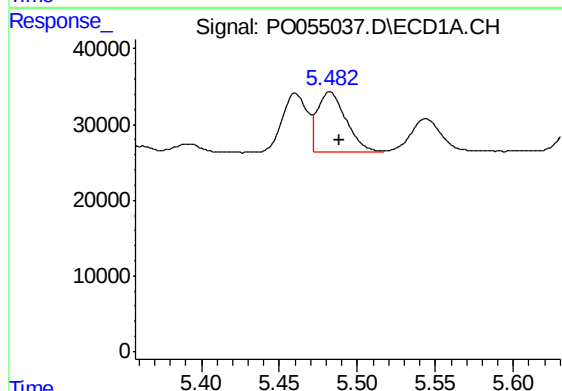
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 38641
Conc: 79.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



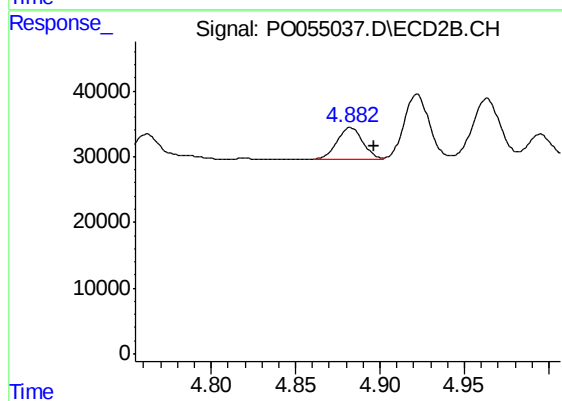
#12 AR-1232-2

R.T.: 4.707 min
Delta R.T.: -0.014 min
Response: 78817
Conc: 91.53 ng/ml



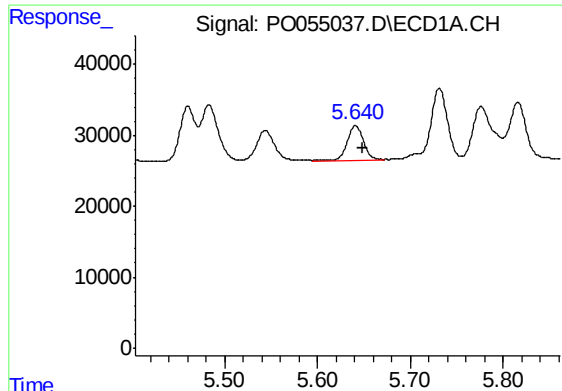
#13 AR-1232-3

R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 103020
Conc: 105.41 ng/ml



#13 AR-1232-3

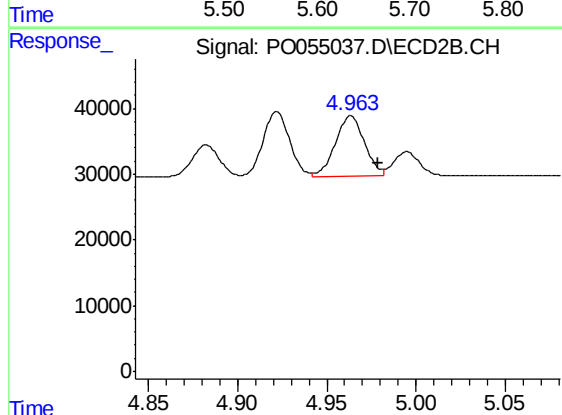
R.T.: 4.883 min
Delta R.T.: -0.014 min
Response: 50399
Conc: 104.01 ng/ml



#14 AR-1232-4

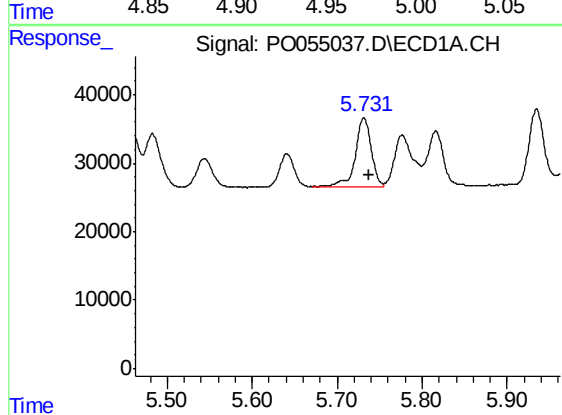
R.T.: 5.641 min
Delta R.T.: -0.008 min
Response: 61014
Conc: 119.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



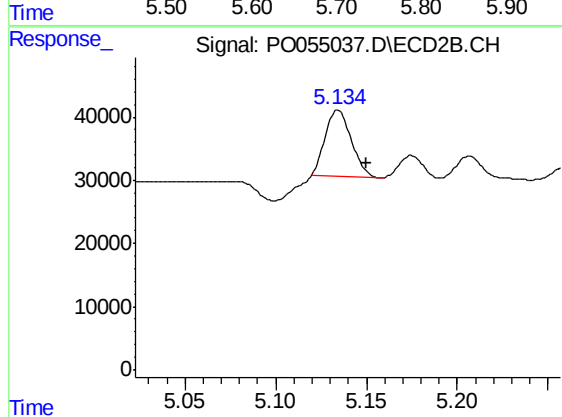
#14 AR-1232-4

R.T.: 4.963 min
Delta R.T.: -0.016 min
Response: 104677
Conc: 238.23 ng/ml



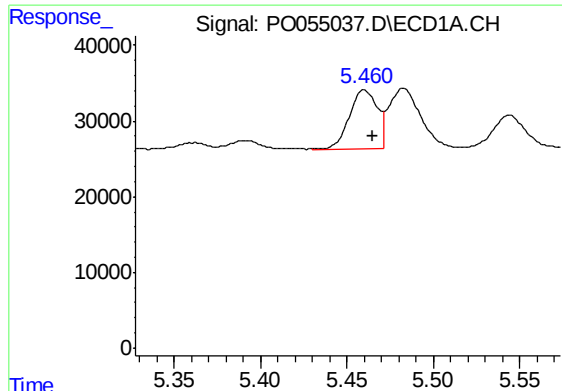
#15 AR-1232-5

R.T.: 5.731 min
Delta R.T.: -0.007 min
Response: 132048
Conc: 317.43 ng/ml



#15 AR-1232-5

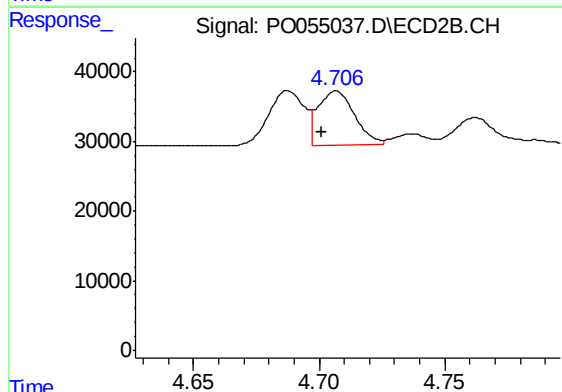
R.T.: 5.134 min
Delta R.T.: -0.016 min
Response: 105139
Conc: 216.18 ng/ml



#16 AR-1242-1

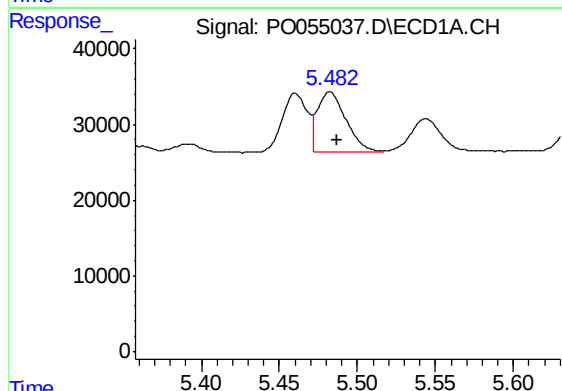
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 87989
Conc: 63.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



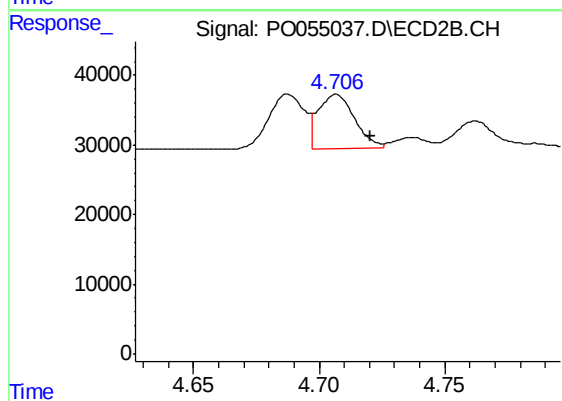
#16 AR-1242-1

R.T.: 4.707 min
Delta R.T.: 0.006 min
Response: 78817
Conc: 64.20 ng/ml



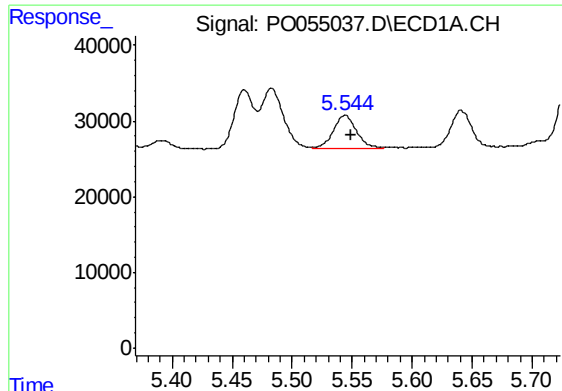
#17 AR-1242-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 103020
Conc: 53.84 ng/ml



#17 AR-1242-2

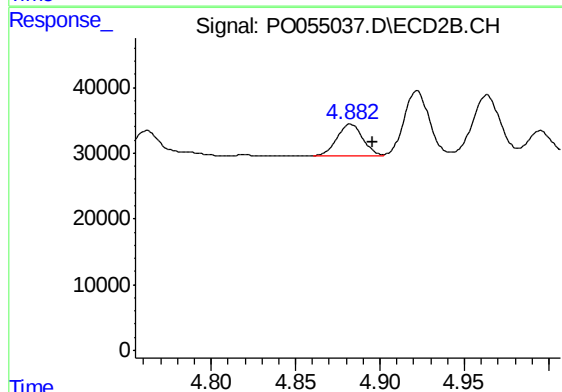
R.T.: 4.707 min
Delta R.T.: -0.013 min
Response: 78817
Conc: 47.56 ng/ml



#18 AR-1242-3

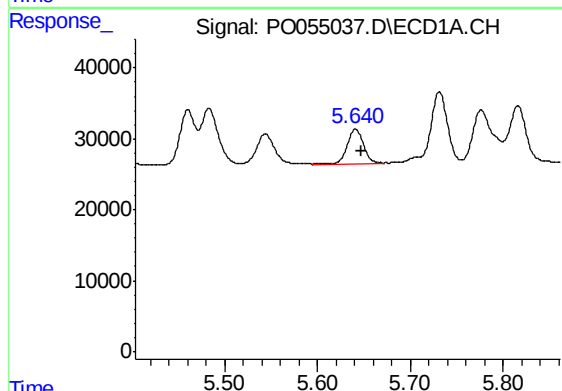
R.T.: 5.544 min
Delta R.T.: -0.005 min
Response: 58919
Conc: 47.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



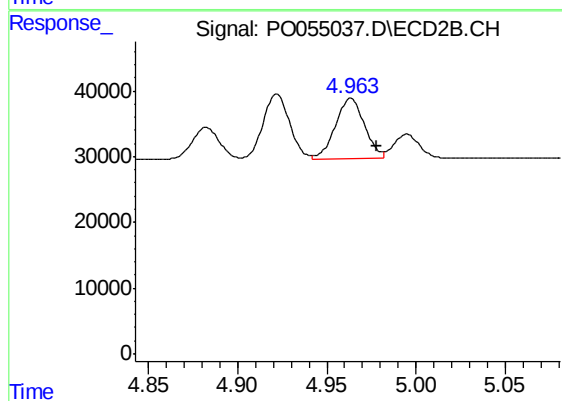
#18 AR-1242-3

R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 50399
Conc: 53.20 ng/ml



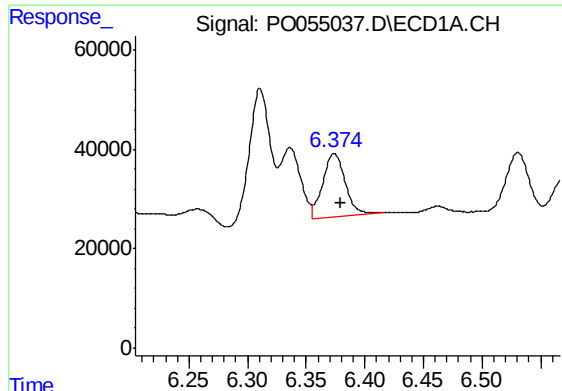
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.006 min
Response: 61014
Conc: 59.84 ng/ml



#19 AR-1242-4

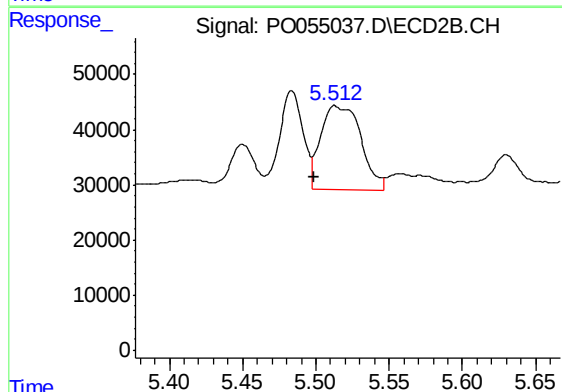
R.T.: 4.963 min
Delta R.T.: -0.014 min
Response: 104677
Conc: 109.52 ng/ml



#20 AR-1242-5

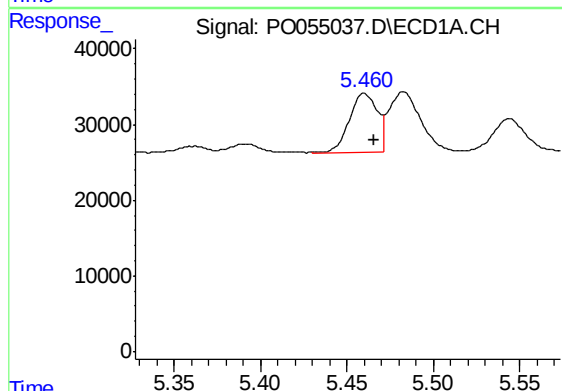
R.T.: 6.374 min
Delta R.T.: -0.005 min
Response: 171623
Conc: 142.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



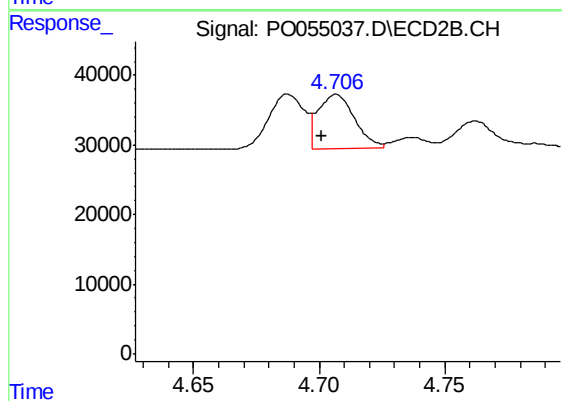
#20 AR-1242-5

R.T.: 5.513 min
Delta R.T.: 0.015 min
Response: 291271
Conc: 236.83 ng/ml



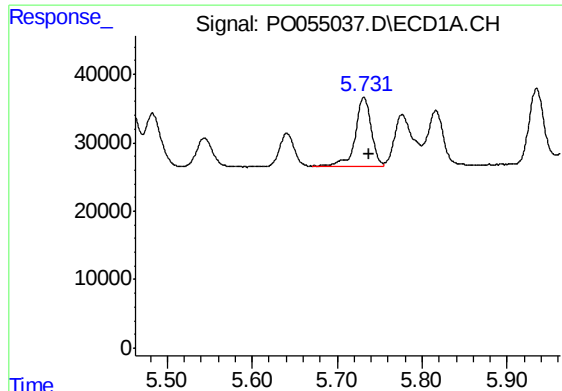
#21 AR-1248-1

R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 87989
Conc: 88.02 ng/ml



#21 AR-1248-1

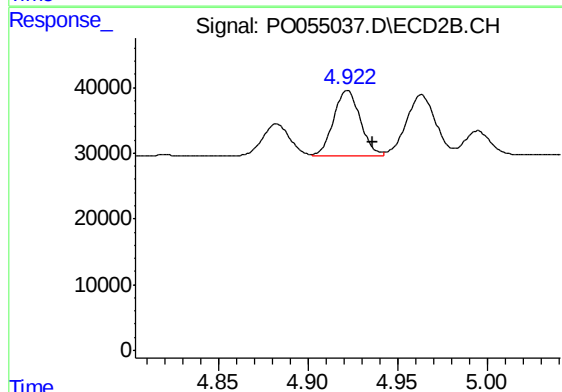
R.T.: 4.707 min
Delta R.T.: 0.006 min
Response: 78817
Conc: 89.79 ng/ml



#22 AR-1248-2

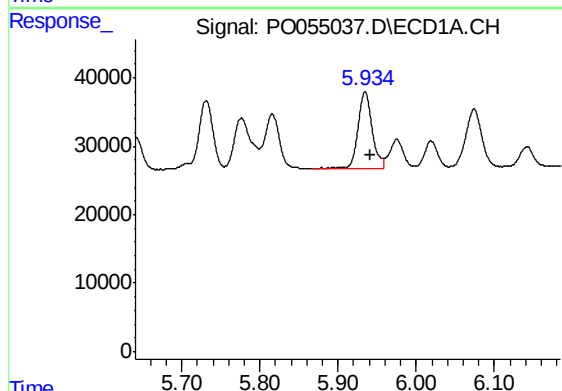
R.T.: 5.731 min
Delta R.T.: -0.006 min
Response: 132048
Conc: 90.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



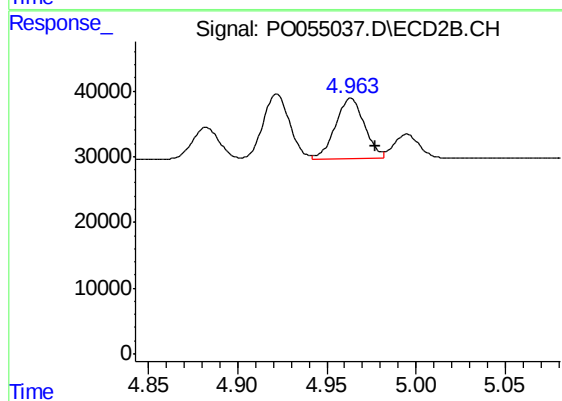
#22 AR-1248-2

R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: 101897
Conc: 84.31 ng/ml



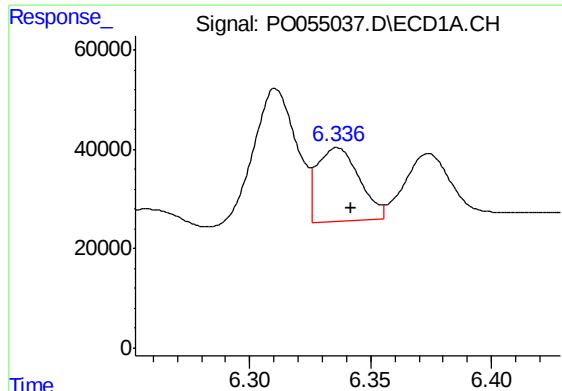
#23 AR-1248-3

R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 142726
Conc: 89.36 ng/ml



#23 AR-1248-3

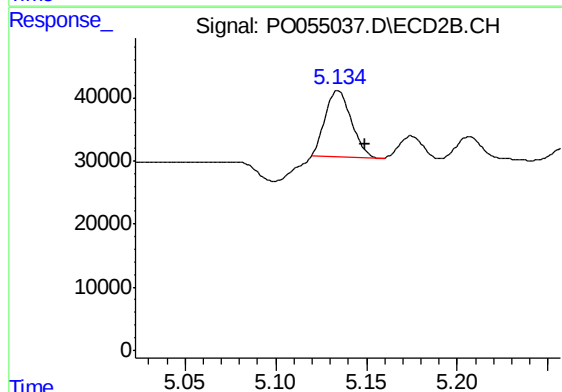
R.T.: 4.963 min
Delta R.T.: -0.014 min
Response: 104677
Conc: 83.89 ng/ml



#24 AR-1248-4

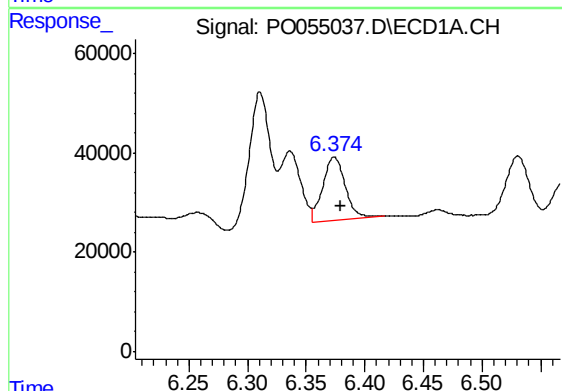
R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 178710
Conc: 95.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



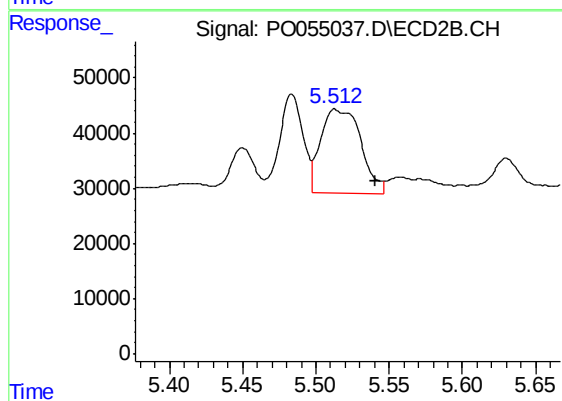
#24 AR-1248-4

R.T.: 5.134 min
Delta R.T.: -0.015 min
Response: 105139
Conc: 69.04 ng/ml



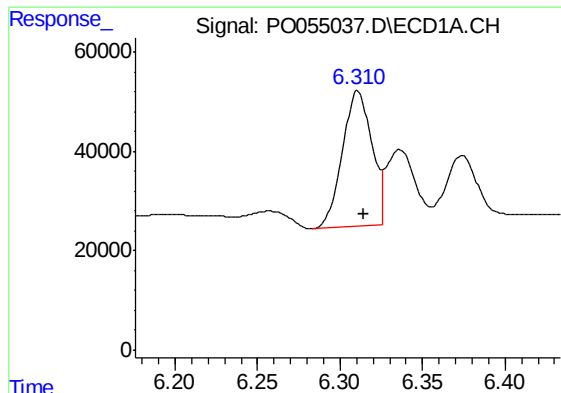
#25 AR-1248-5

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 171623
Conc: 95.73 ng/ml



#25 AR-1248-5

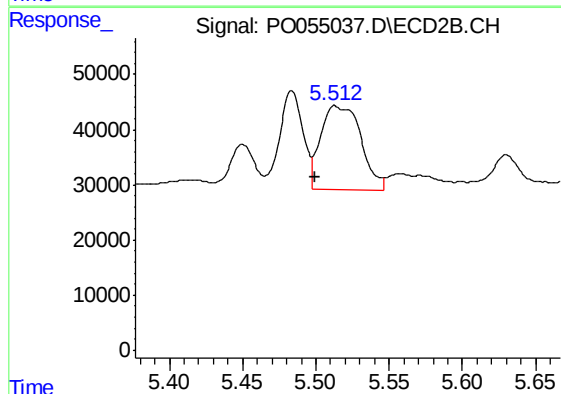
R.T.: 5.513 min
Delta R.T.: -0.028 min
Response: 291271
Conc: 195.37 ng/ml



#26 AR-1254-1

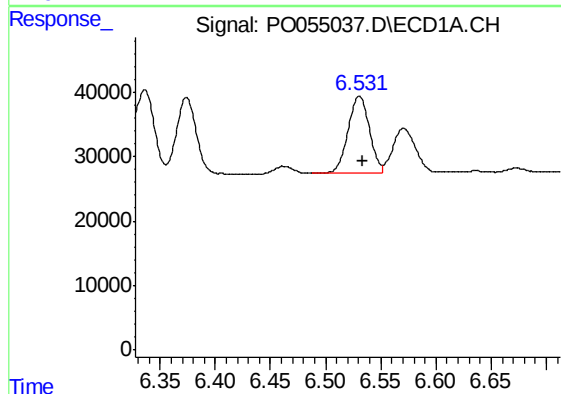
R.T.: 6.311 min
Delta R.T.: -0.004 min
Response: 339752
Conc: 187.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



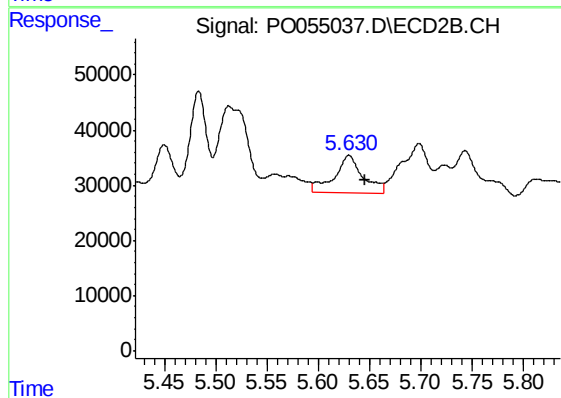
#26 AR-1254-1

R.T.: 5.513 min
Delta R.T.: 0.013 min
Response: 291271
Conc: 133.28 ng/ml



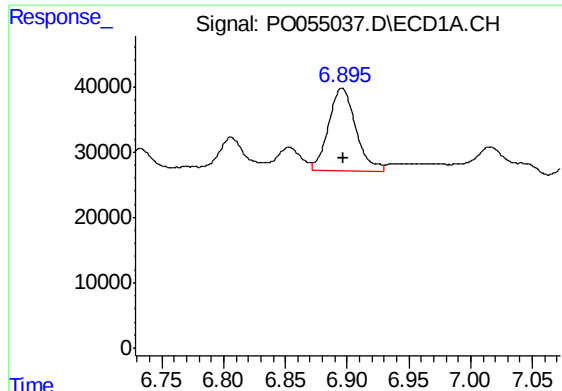
#27 AR-1254-2

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 160989
Conc: 56.39 ng/ml



#27 AR-1254-2

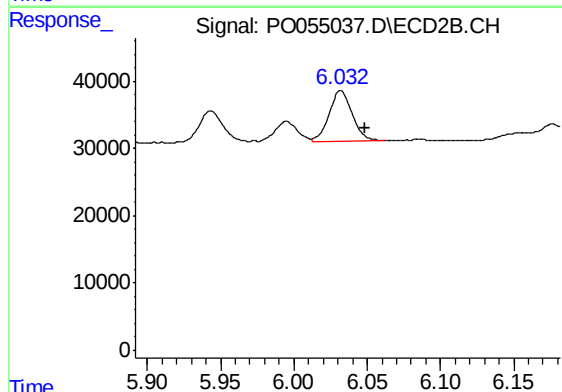
R.T.: 5.630 min
Delta R.T.: -0.016 min
Response: 129469
Conc: 66.77 ng/ml



#28 AR-1254-3

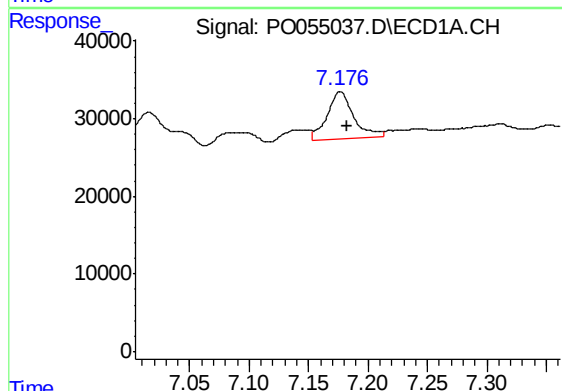
R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 192892
Conc: 61.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



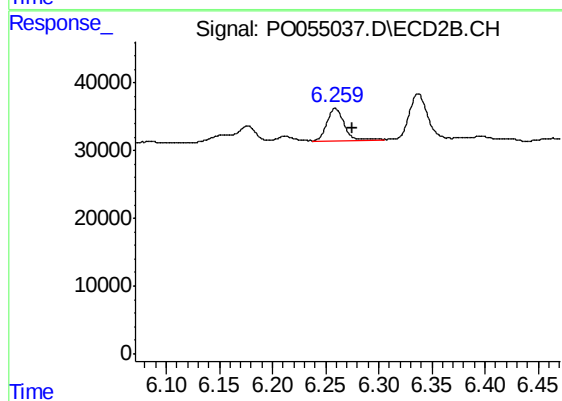
#28 AR-1254-3

R.T.: 6.032 min
Delta R.T.: -0.017 min
Response: 82717
Conc: 25.80 ng/ml



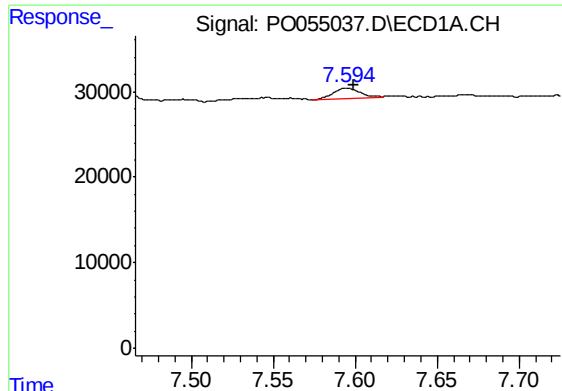
#29 AR-1254-4

R.T.: 7.177 min
Delta R.T.: -0.005 min
Response: 96216
Conc: 39.33 ng/ml



#29 AR-1254-4

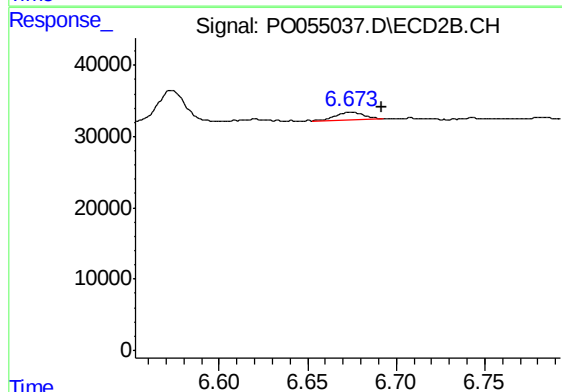
R.T.: 6.259 min
Delta R.T.: -0.017 min
Response: 53491
Conc: 27.32 ng/ml



#30 AR-1254-5

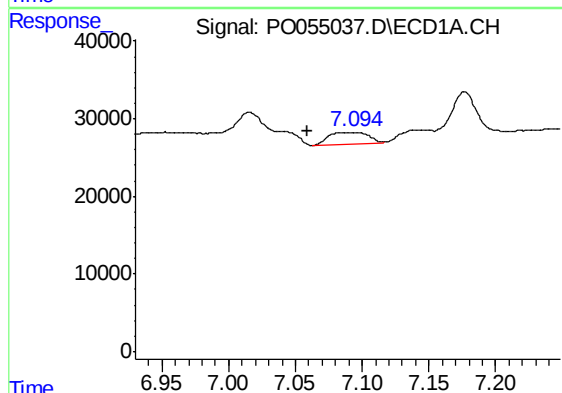
R.T.: 7.595 min
Delta R.T.: -0.005 min
Response: 12632
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



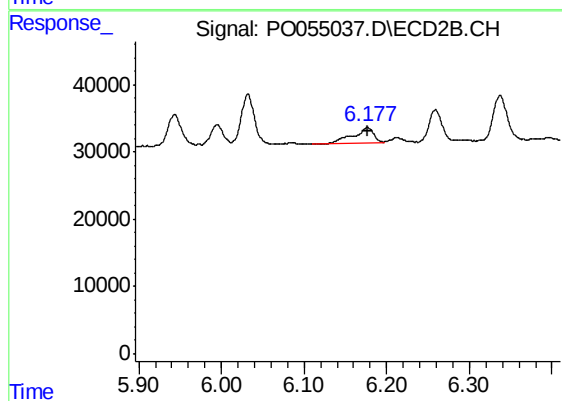
#30 AR-1254-5

R.T.: 6.674 min
Delta R.T.: -0.018 min
Response: 11961
Conc: 4.16 ng/ml



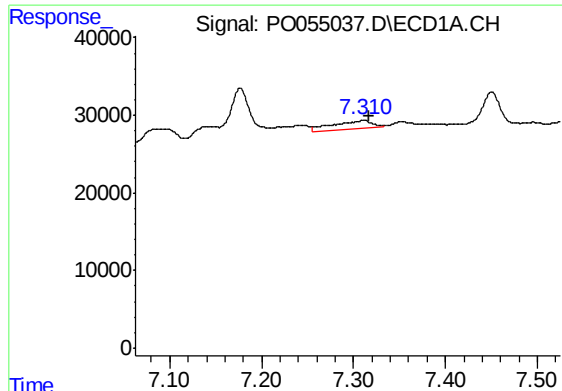
#31 AR-1260-1

R.T.: 7.095 min
Delta R.T.: 0.035 min
Response: 31813
Conc: 12.66 ng/ml



#31 AR-1260-1

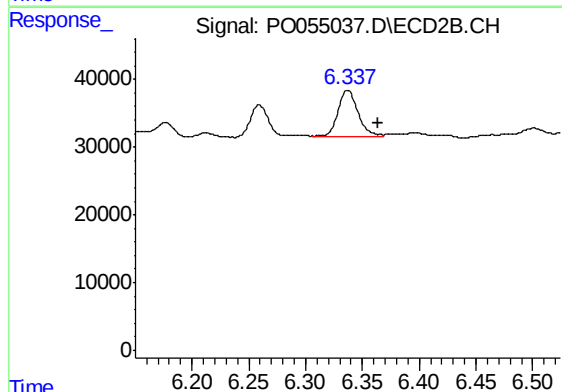
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 40651
Conc: 17.69 ng/ml



#32 AR-1260-2

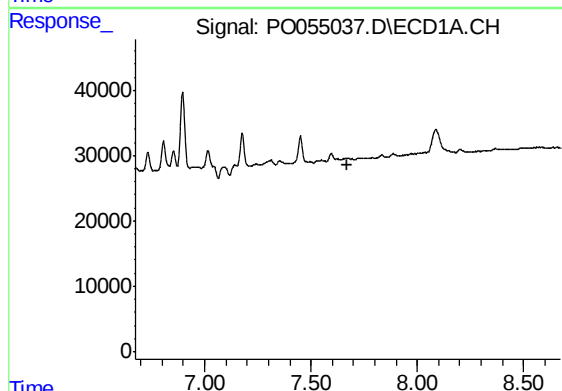
R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 31146
Conc: 10.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



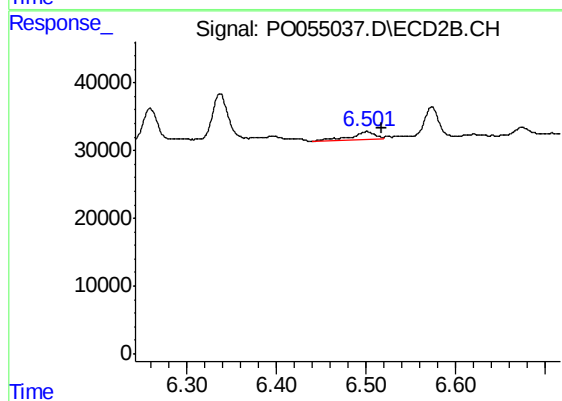
#32 AR-1260-2

R.T.: 6.337 min
Delta R.T.: -0.026 min
Response: 84024
Conc: 30.52 ng/ml



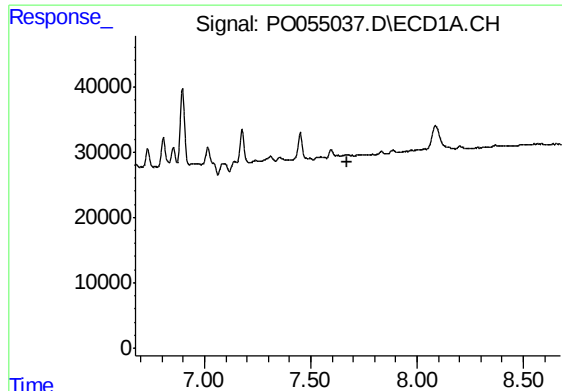
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.674 min
Response: 0
Conc: N.D.



#33 AR-1260-3

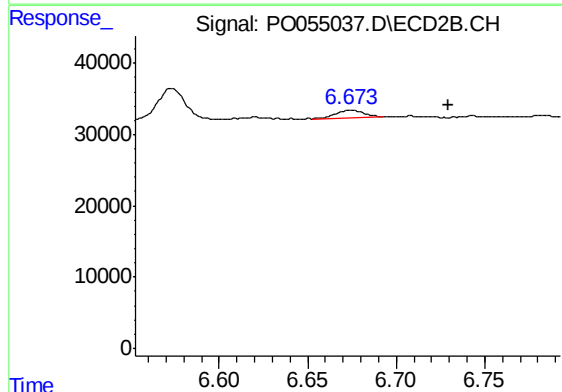
R.T.: 6.501 min
Delta R.T.: -0.017 min
Response: 24144
Conc: 9.37 ng/ml



#36 AR-1262-1

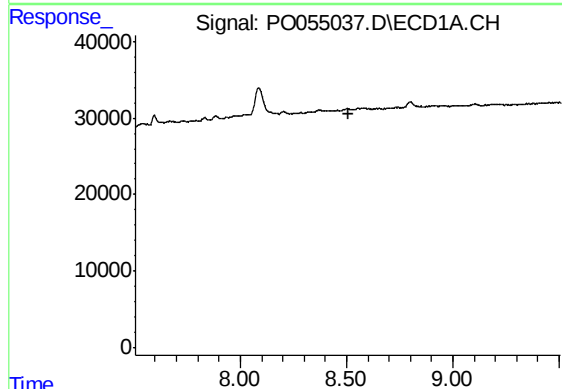
R.T.: 0.000 min
Exp R.T. : 7.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



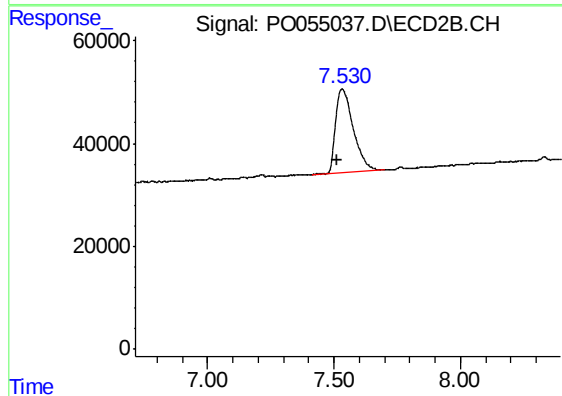
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: -0.056 min
Response: 11961
Conc: 4.02 ng/ml



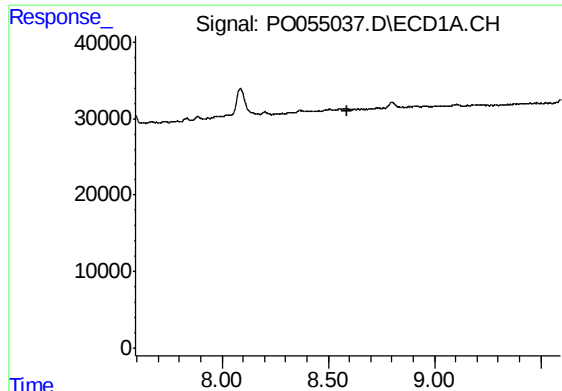
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.507 min
Response: 0
Conc: N.D.



#38 AR-1262-3

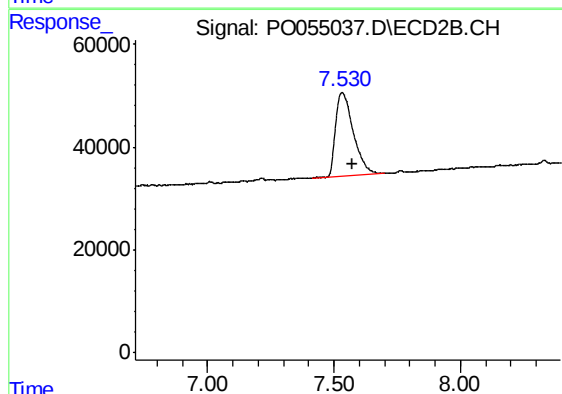
R.T.: 7.531 min
Delta R.T.: 0.020 min
Response: 798391
Conc: 388.80 ng/ml



#39 AR-1262-4

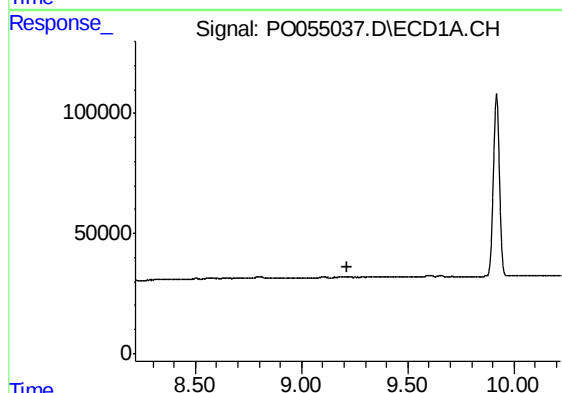
R.T.: 0.000 min
Exp R.T. : 8.593 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



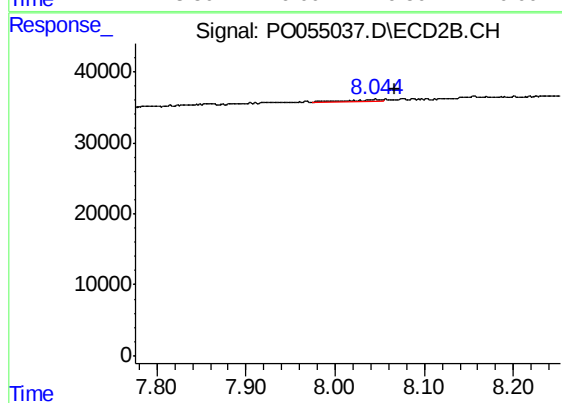
#39 AR-1262-4

R.T.: 7.531 min
Delta R.T.: -0.044 min
Response: 798391
Conc: 220.42 ng/ml



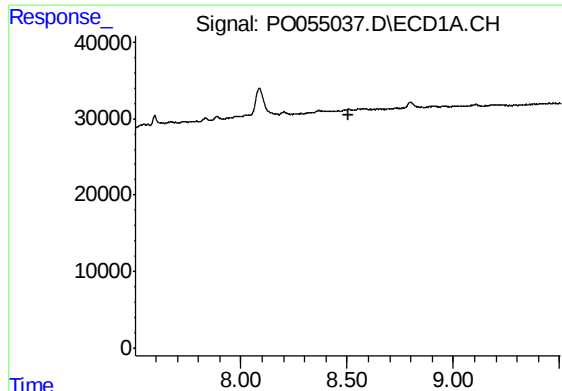
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.218 min
Response: 0
Conc: N.D.



#40 AR-1262-5

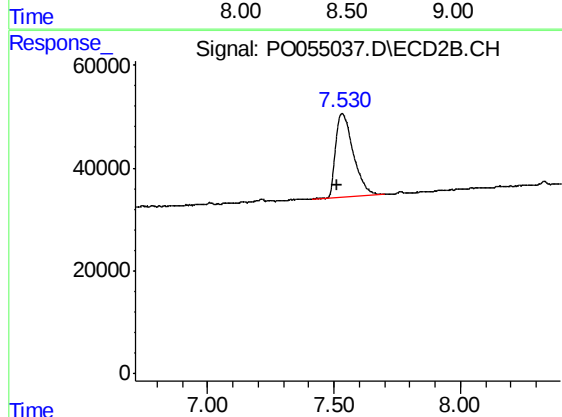
R.T.: 8.045 min
Delta R.T.: -0.021 min
Response: 7849
Conc: 4.86 ng/ml



#41 AR-1268-1

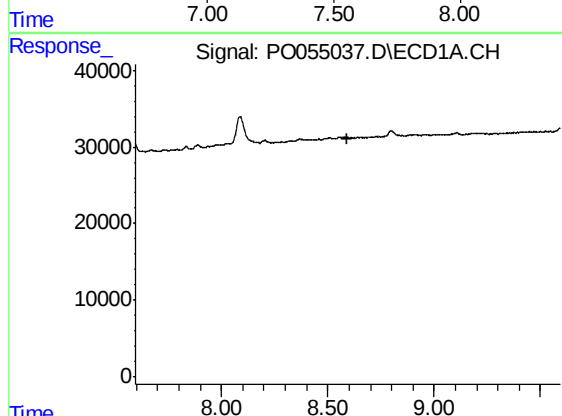
R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



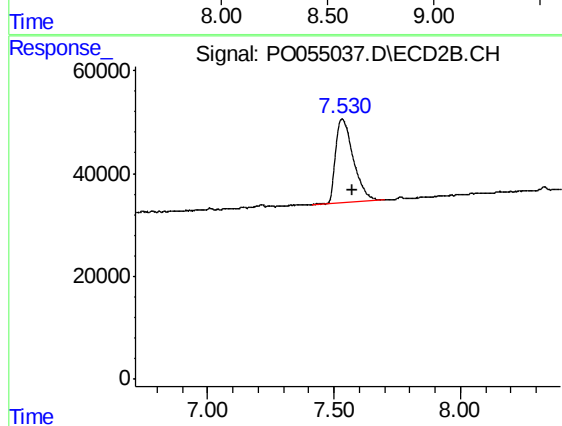
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: 0.020 min
Response: 798391
Conc: 141.20 ng/ml



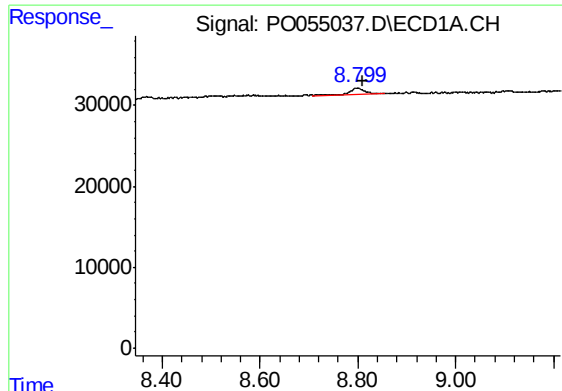
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.594 min
Response: 0
Conc: N.D.



#42 AR-1268-2

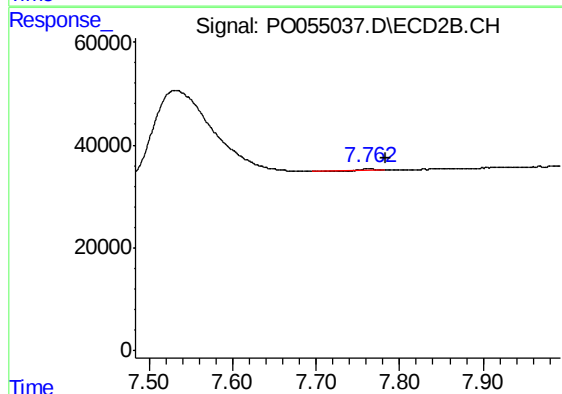
R.T.: 7.531 min
Delta R.T.: -0.044 min
Response: 798391
Conc: 154.38 ng/ml



#43 AR-1268-3

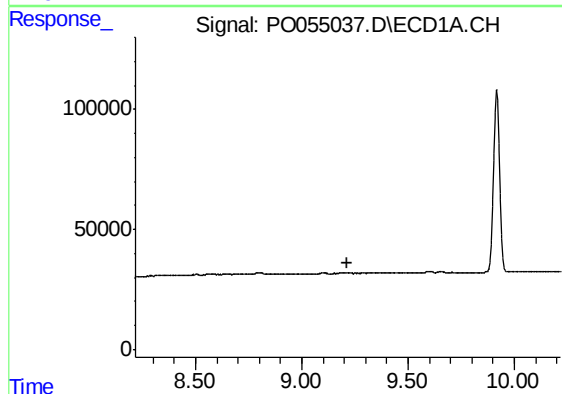
R.T.: 8.799 min
Delta R.T.: -0.011 min
Response: 18007
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



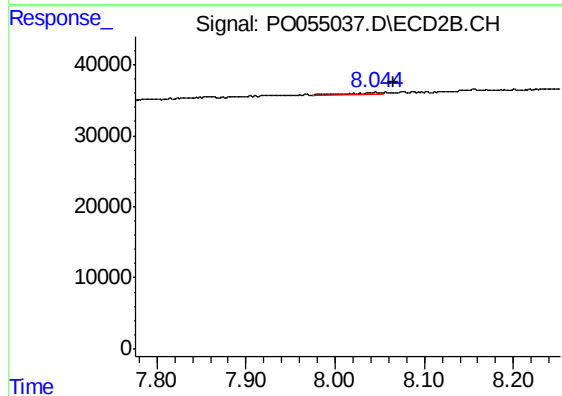
#43 AR-1268-3

R.T.: 7.763 min
Delta R.T.: -0.020 min
Response: 6755
Conc: 1.57 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.217 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 8.045 min
Delta R.T.: -0.020 min
Response: 7849
Conc: 4.23 ng/ml