

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040221\
 Data File : PR049744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2021 23:58
 Operator : DD\AJ
 Sample : M1458-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:47:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 03 08:12:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.636	3.821	51235212	104.4E6	13.122	15.743
2)	SA Decachlor...	10.514	8.863	74126387	118.2E6	16.683	15.526
Target Compounds							
3)	L1 AR-1016-1	5.819	4.911	3103257	5499529	20.187	22.903
4)	L1 AR-1016-2	5.841	4.930	4051358	7546647	18.963	21.876
5)	L1 AR-1016-3	5.903	5.106	2532164	4098282	19.721	22.510
6)	L1 AR-1016-4	6.004	5.147	2026538	3267328	19.045	23.501
7)	L1 AR-1016-5	6.298	5.361	2257512	4522673	21.071	24.071
8)	L2 AR-1221-1	4.864	4.033	2202487	518475	53.283	8.136 #
9)	L2 AR-1221-2	4.946	4.122	1156458	2041874	37.066	41.546
10)	L2 AR-1221-3	5.016	4.197	1696641	2786498	17.876	17.705
11)	L3 AR-1232-1	5.016	4.197	1696641	2786498	21.957	22.102
12)	L3 AR-1232-2	5.550	4.930	2145122	7546647	50.614	56.815
13)	L3 AR-1232-3	5.841	5.106	4051358	4098282	47.553	58.944
14)	L3 AR-1232-4	6.004	5.190	2026538	3958586	47.550	67.337 #
15)	L3 AR-1232-5	6.091	5.361	1874002	4522673	56.667	68.507
16)	L4 AR-1242-1	5.819	4.911	3103257	5499529	27.678	31.337
17)	L4 AR-1242-2	5.841	4.930	4051358	7546647	25.648	30.060
18)	L4 AR-1242-3	5.903	5.106	2532164	4098282	26.441	30.720
19)	L4 AR-1242-4	6.004	5.190	2026538	3958586	25.291	31.941 #
20)	L4 AR-1242-5	6.742	5.711	2373314	5407078	26.050	31.686
21)	L5 AR-1248-1	5.819	4.911	3103257	5499529	36.218	40.753
22)	L5 AR-1248-2	6.091	5.147	1874002	3267328	15.589	18.436
23)	L5 AR-1248-3	6.298	5.190	2257512	3958586	16.669	21.007 #
24)	L5 AR-1248-4	6.703	5.361	2369603	4522673	14.788	19.440 #
25)	L5 AR-1248-5	6.742	5.754	2373314	4486620	15.430	18.216
26)	L6 AR-1254-1	6.676	5.711	1717322	5407078	10.795	14.383 #
27)	L6 AR-1254-2	6.901	5.859	2144753	1325576	8.515	4.111 #
28)	L6 AR-1254-3	7.264	6.262	1164367	1904738	4.215	3.341
29)	L6 AR-1254-4	7.551	6.490	848209	1394837	4.031	3.901
30)	L6 AR-1254-5	0.000	6.908	0	352070	N.D.	0.707 #
31)	L7 AR-1260-1	0.000	6.408	0	814084	N.D.	2.270 #
33)	L7 AR-1260-3	0.000	6.737	0	307782	N.D.	0.732 #
36)	L8 AR-1262-1	0.000	6.908	0	352070	N.D.	1.372 #
39)	L8 AR-1262-4	0.000	7.769f	0	228300	N.D.	0.319 #
40)	L8 AR-1262-5	0.000	8.312f	0	544989	N.D.	1.696 #
42)	L9 AR-1268-2	0.000	7.769f	0	228300	N.D.	0.216 #
43)	L9 AR-1268-3	0.000	7.991f	0	866209	N.D.	0.989 #
44)	L9 AR-1268-4	0.000	8.312f	0	544989	N.D.	1.497 #
45)	L9 AR-1268-5	10.167	8.595	394805	842184	0.241	0.277

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

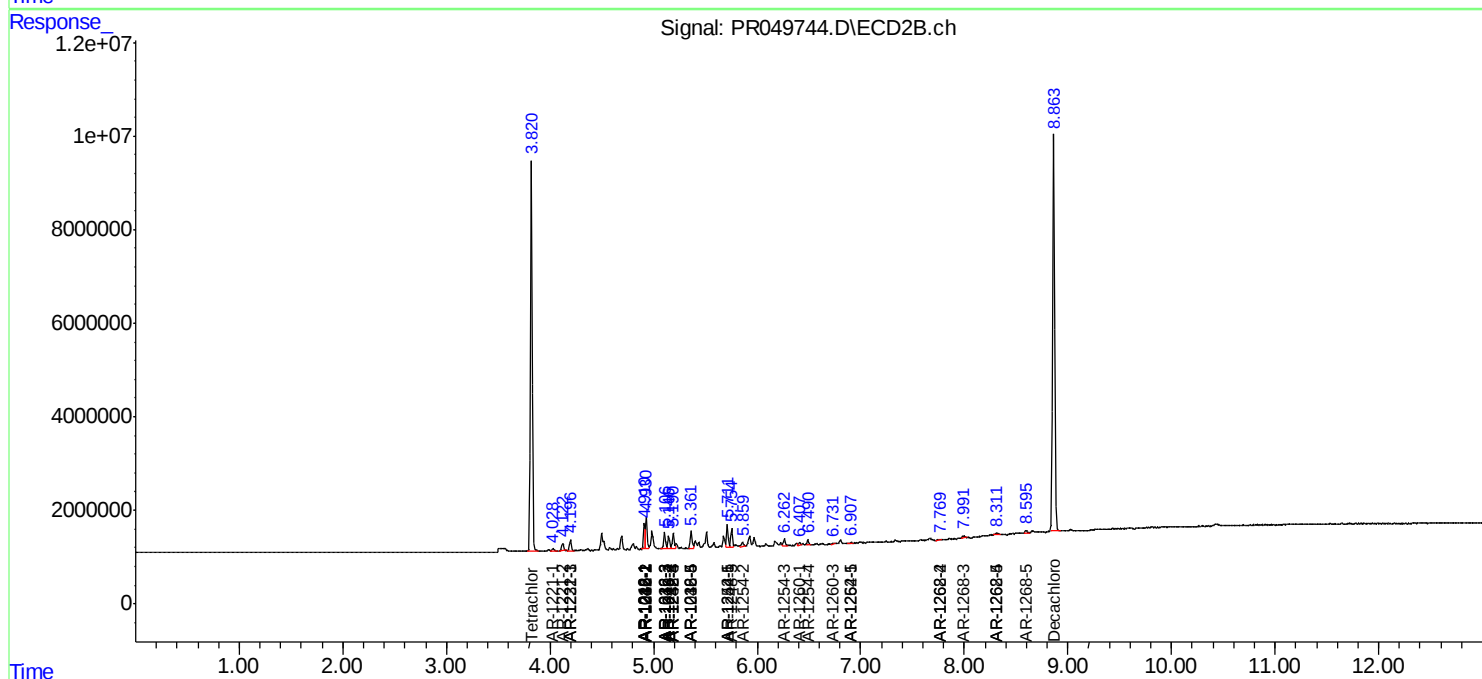
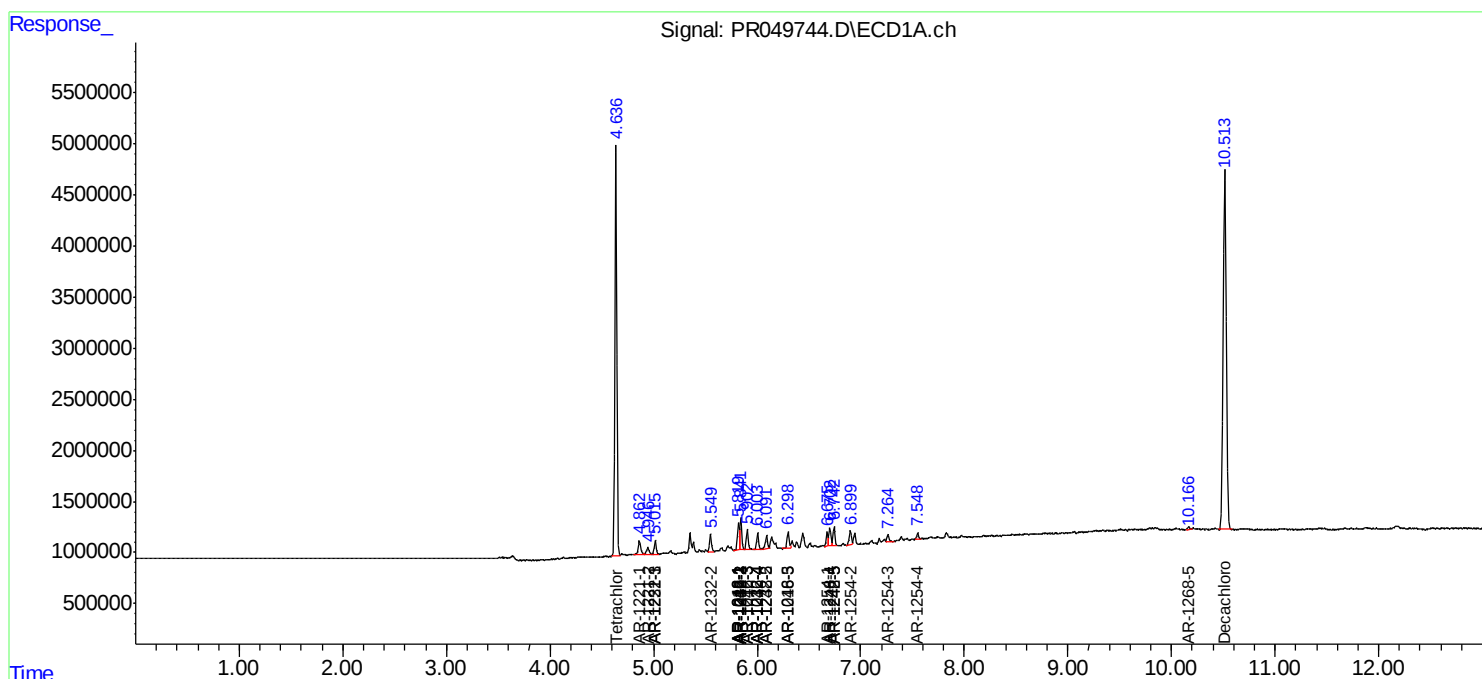
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

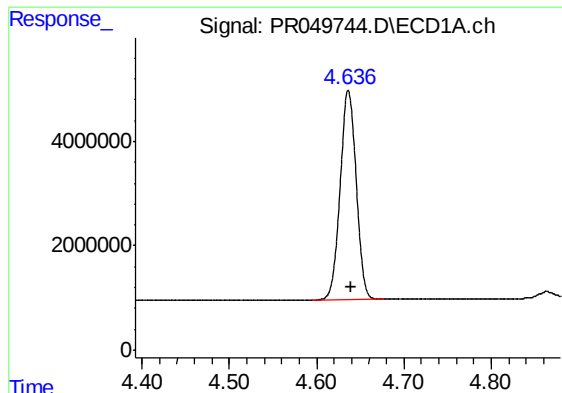
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040221\
Data File : PR049744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Apr 2021 23:58
Operator : DD\AJ
Sample : M1458-01
Misc : AR1242 LOD 40 PPB
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 01:47:54 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040221.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Apr 03 08:12:17 2021
Response via : Initial Calibration
Integrator: ChemStation

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

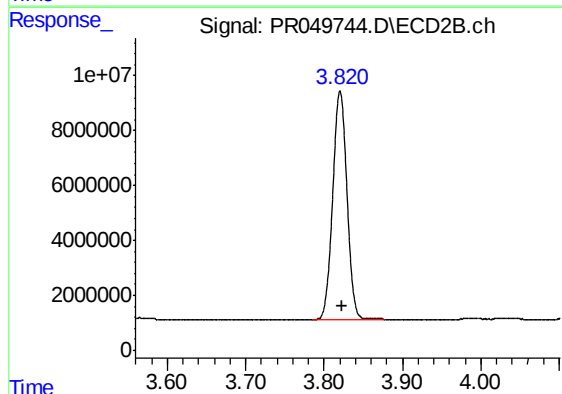




#1 Tetrachloro-m-xylene

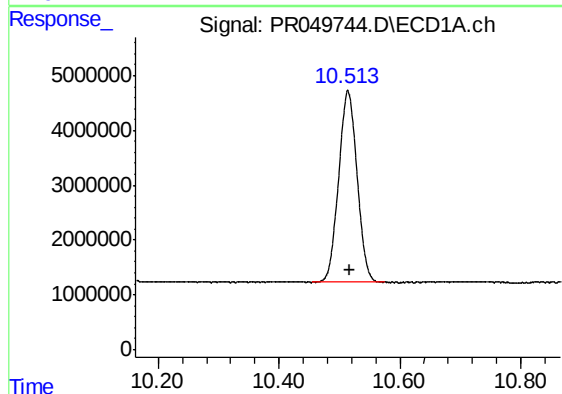
R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 51235212
Conc: 13.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



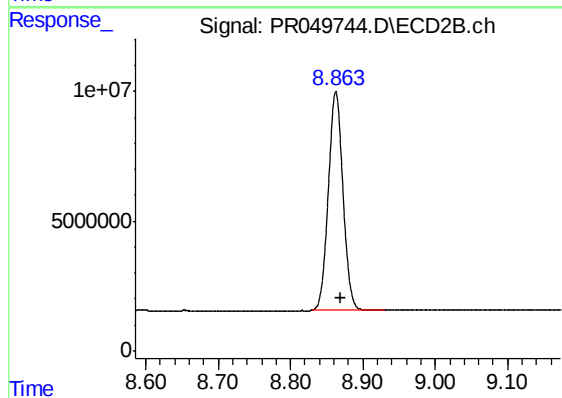
#1 Tetrachloro-m-xylene

R.T.: 3.821 min
Delta R.T.: -0.002 min
Response: 104405119
Conc: 15.74 ng/ml



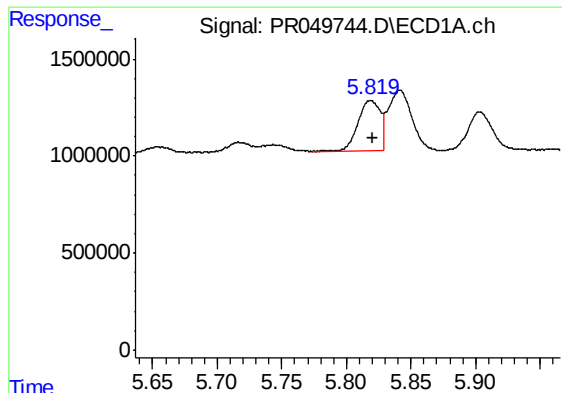
#2 Decachlorobiphenyl

R.T.: 10.514 min
Delta R.T.: -0.003 min
Response: 74126387
Conc: 16.68 ng/ml



#2 Decachlorobiphenyl

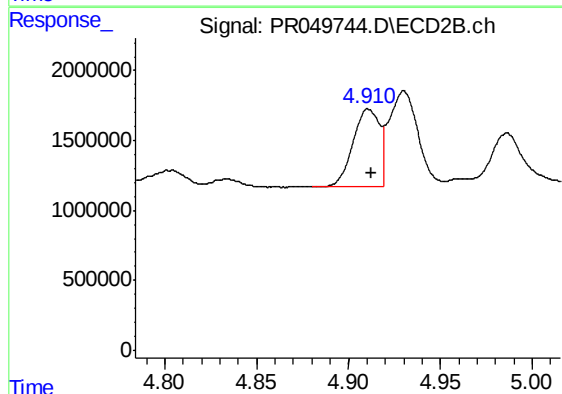
R.T.: 8.863 min
Delta R.T.: -0.006 min
Response: 118203118
Conc: 15.53 ng/ml



#3 AR-1016-1

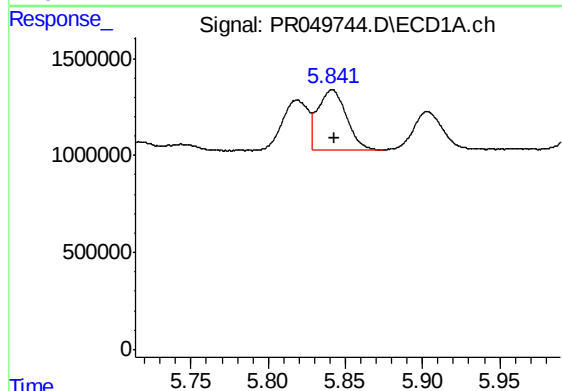
R.T.: 5.819 min
Delta R.T.: -0.001 min
Response: 3103257
Conc: 20.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



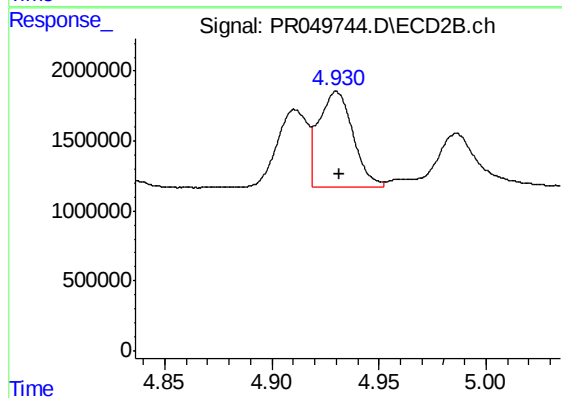
#3 AR-1016-1

R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 5499529
Conc: 22.90 ng/ml



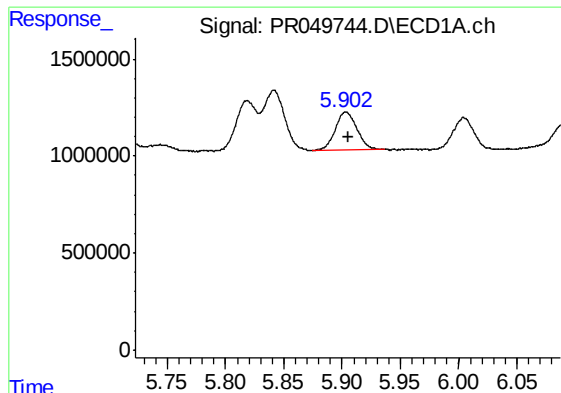
#4 AR-1016-2

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 4051358
Conc: 18.96 ng/ml



#4 AR-1016-2

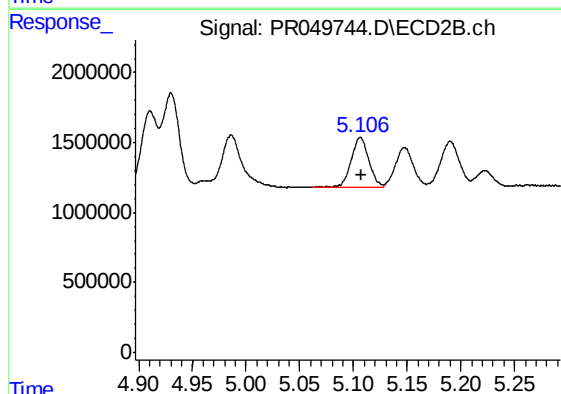
R.T.: 4.930 min
Delta R.T.: -0.002 min
Response: 7546647
Conc: 21.88 ng/ml



#5 AR-1016-3

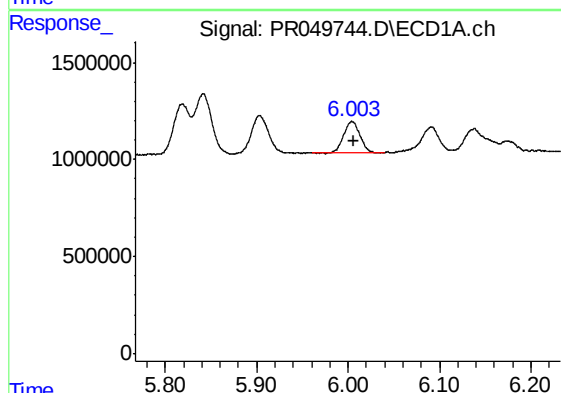
R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 2532164
Conc: 19.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



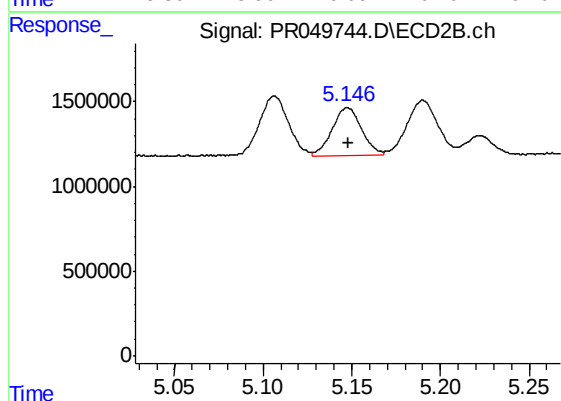
#5 AR-1016-3

R.T.: 5.106 min
Delta R.T.: -0.001 min
Response: 4098282
Conc: 22.51 ng/ml



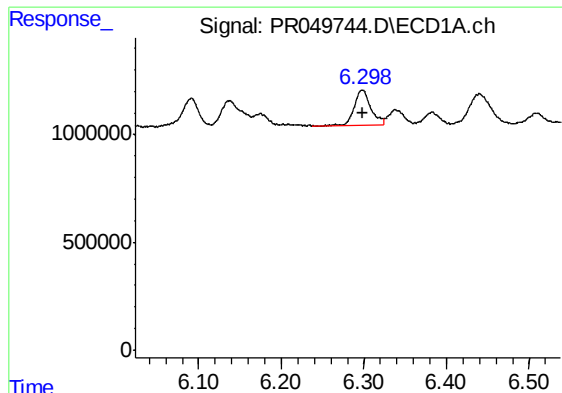
#6 AR-1016-4

R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 2026538
Conc: 19.05 ng/ml



#6 AR-1016-4

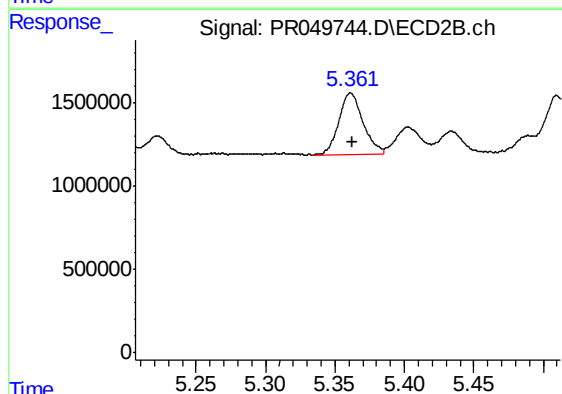
R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 3267328
Conc: 23.50 ng/ml



#7 AR-1016-5

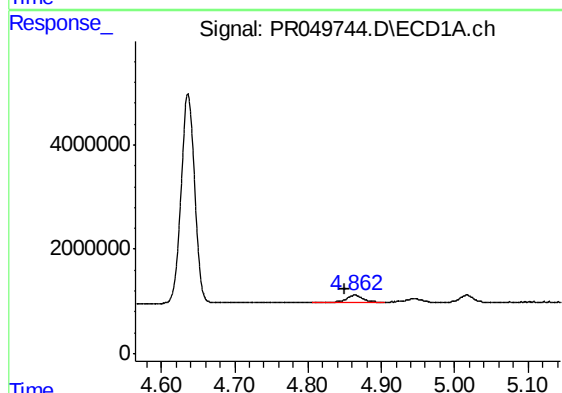
R.T.: 6.298 min
Delta R.T.: -0.001 min
Response: 2257512
Conc: 21.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



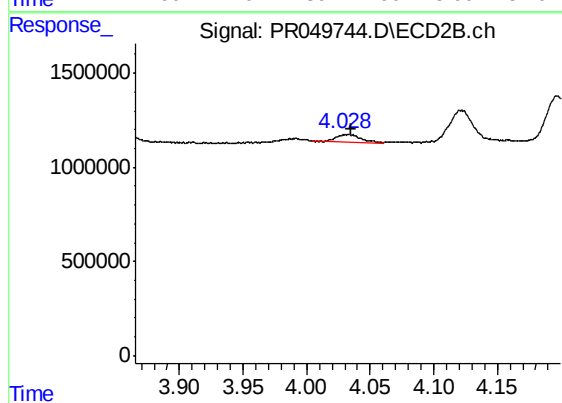
#7 AR-1016-5

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 4522673
Conc: 24.07 ng/ml



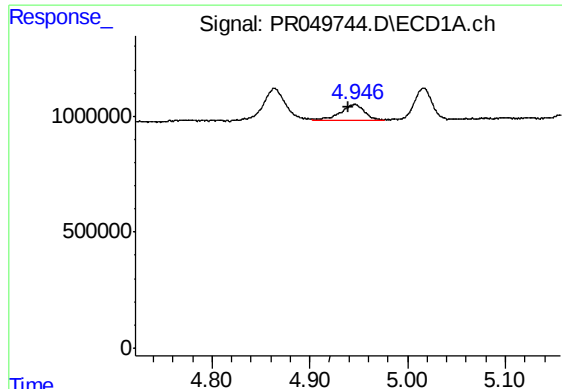
#8 AR-1221-1

R.T.: 4.864 min
Delta R.T.: 0.013 min
Response: 2202487
Conc: 53.28 ng/ml



#8 AR-1221-1

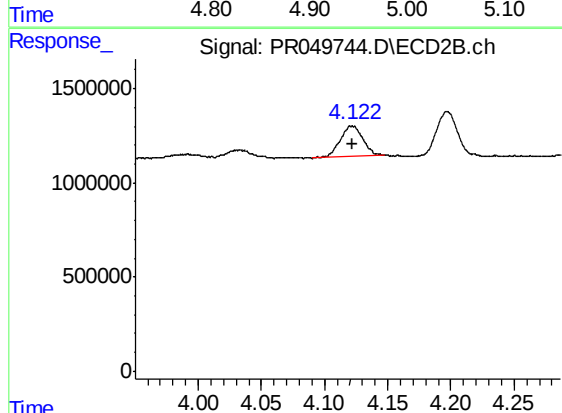
R.T.: 4.033 min
Delta R.T.: -0.002 min
Response: 518475
Conc: 8.14 ng/ml



#9 AR-1221-2

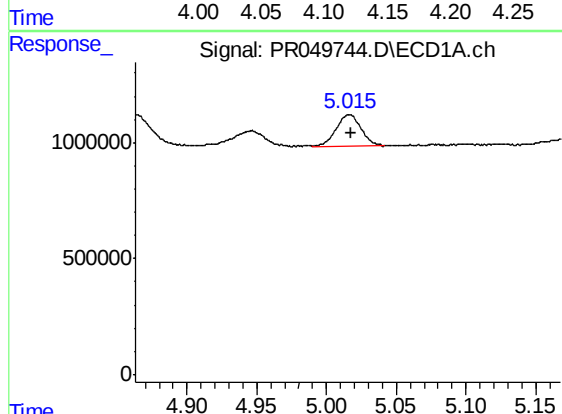
R.T.: 4.946 min
Delta R.T.: 0.007 min
Response: 1156458
Conc: 37.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



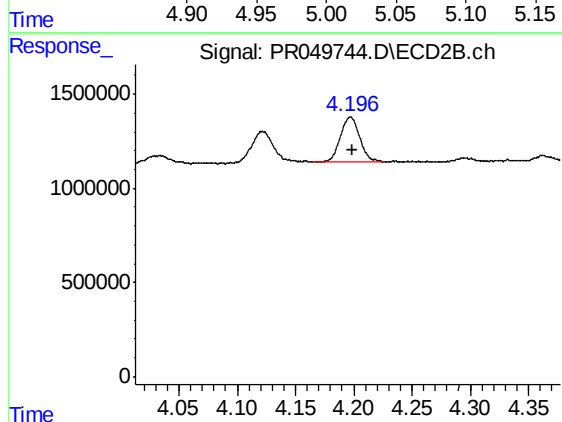
#9 AR-1221-2

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 2041874
Conc: 41.55 ng/ml



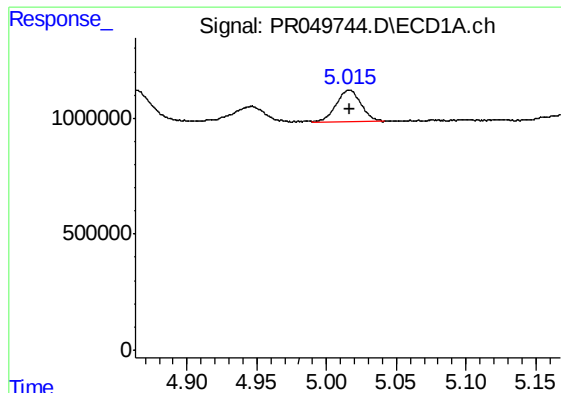
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.001 min
Response: 1696641
Conc: 17.88 ng/ml



#10 AR-1221-3

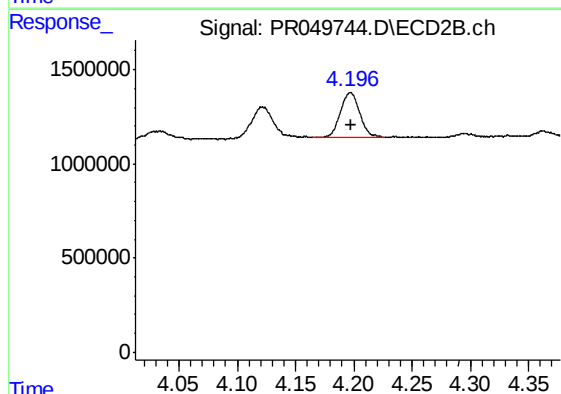
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 2786498
Conc: 17.71 ng/ml



#11 AR-1232-1

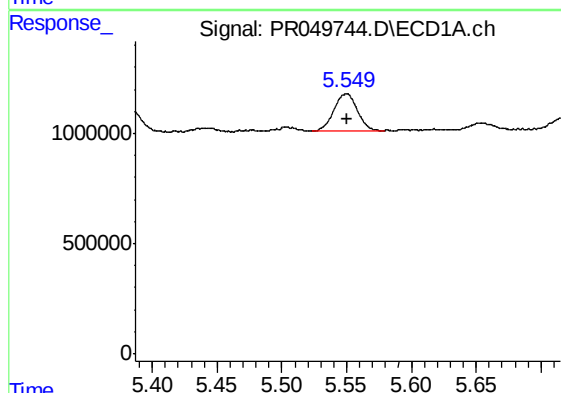
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 1696641
Conc: 21.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



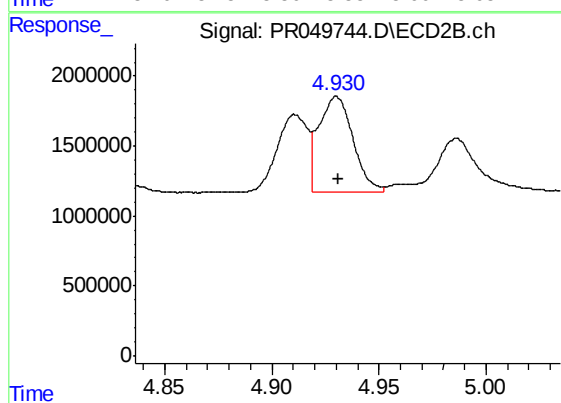
#11 AR-1232-1

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 2786498
Conc: 22.10 ng/ml



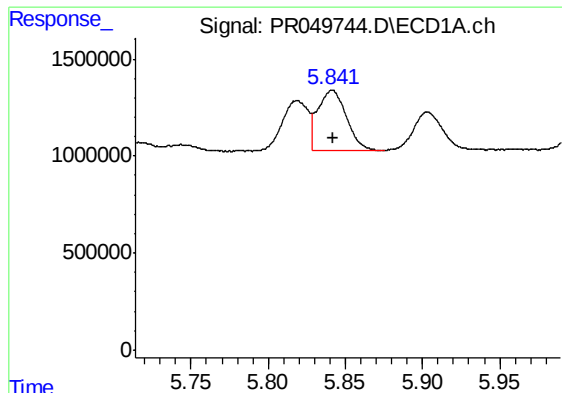
#12 AR-1232-2

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 2145122
Conc: 50.61 ng/ml



#12 AR-1232-2

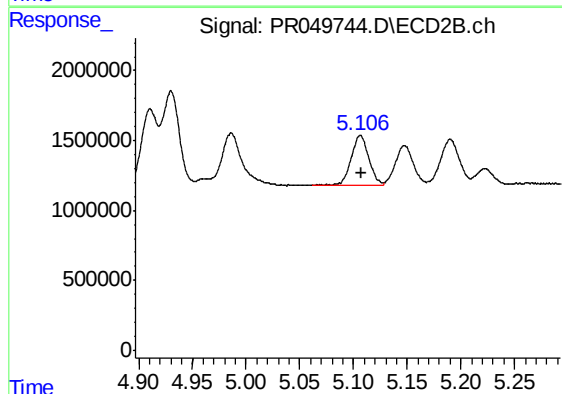
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 7546647
Conc: 56.81 ng/ml



#13 AR-1232-3

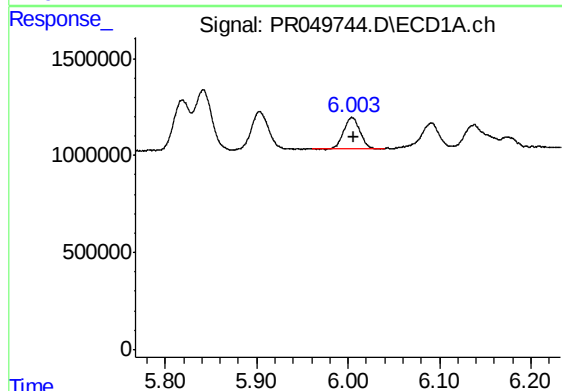
R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 4051358
Conc: 47.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



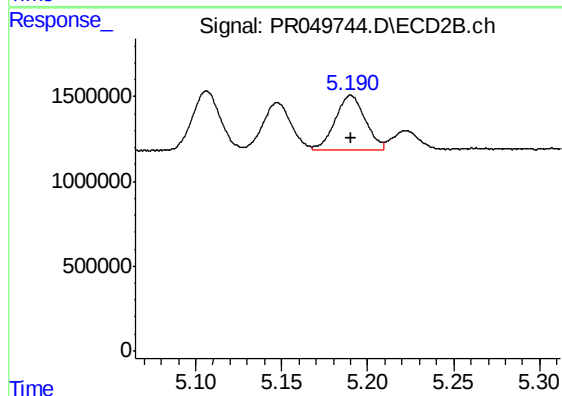
#13 AR-1232-3

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 4098282
Conc: 58.94 ng/ml



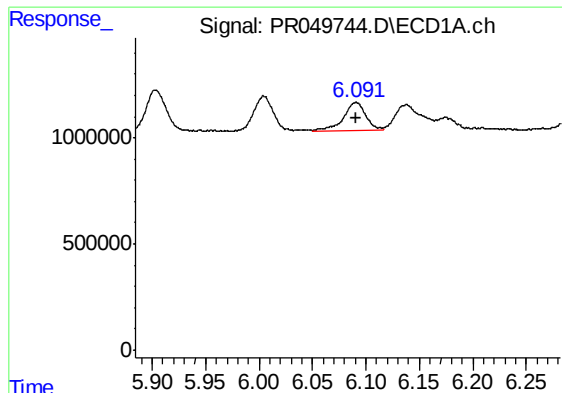
#14 AR-1232-4

R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 2026538
Conc: 47.55 ng/ml



#14 AR-1232-4

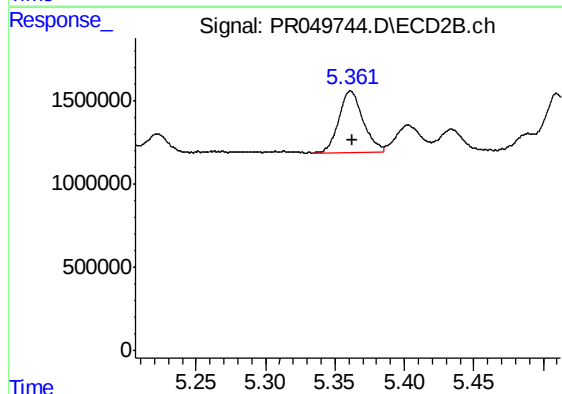
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 3958586
Conc: 67.34 ng/ml



#15 AR-1232-5

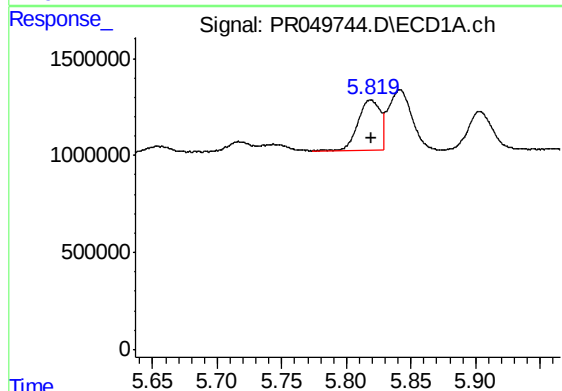
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 1874002
Conc: 56.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



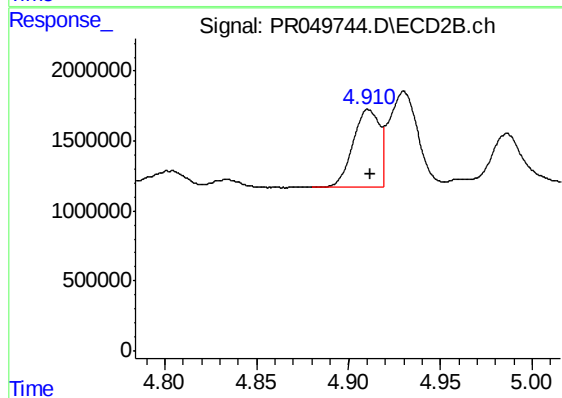
#15 AR-1232-5

R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 4522673
Conc: 68.51 ng/ml



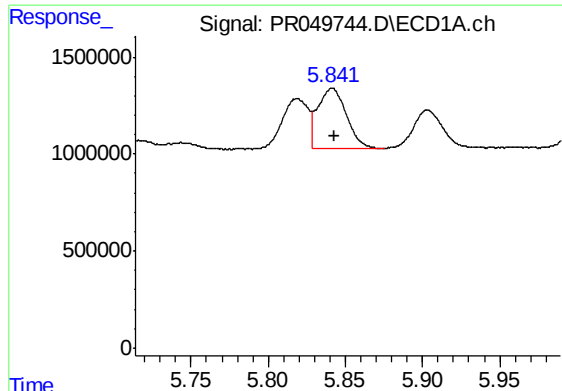
#16 AR-1242-1

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 3103257
Conc: 27.68 ng/ml



#16 AR-1242-1

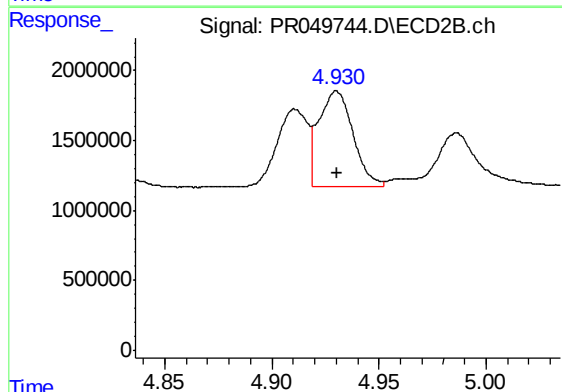
R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 5499529
Conc: 31.34 ng/ml



#17 AR-1242-2

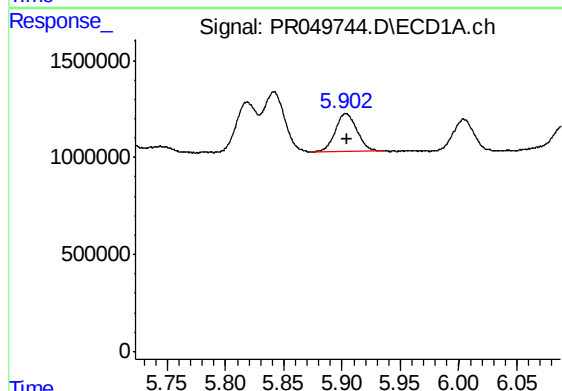
R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 4051358
Conc: 25.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



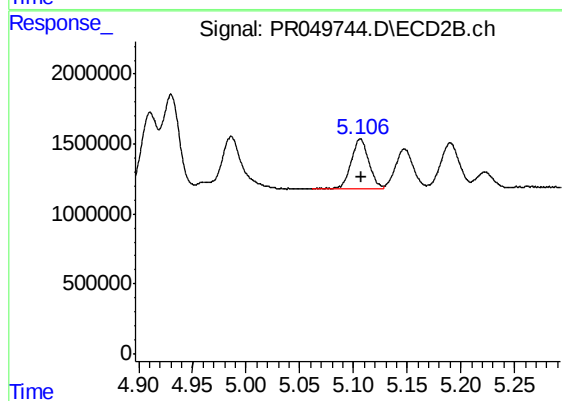
#17 AR-1242-2

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 7546647
Conc: 30.06 ng/ml



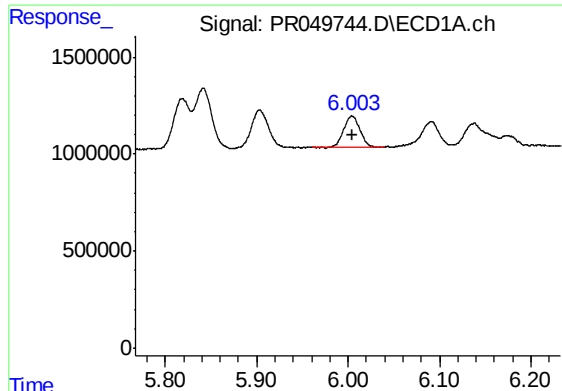
#18 AR-1242-3

R.T.: 5.903 min
Delta R.T.: -0.001 min
Response: 2532164
Conc: 26.44 ng/ml



#18 AR-1242-3

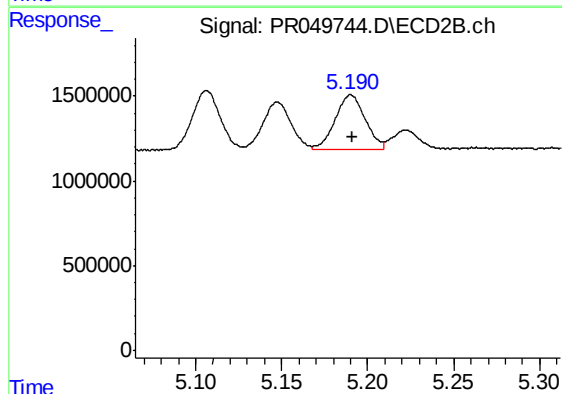
R.T.: 5.106 min
Delta R.T.: -0.001 min
Response: 4098282
Conc: 30.72 ng/ml



#19 AR-1242-4

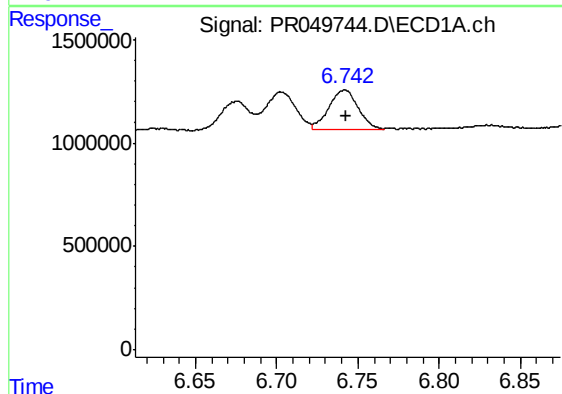
R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 2026538
Conc: 25.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



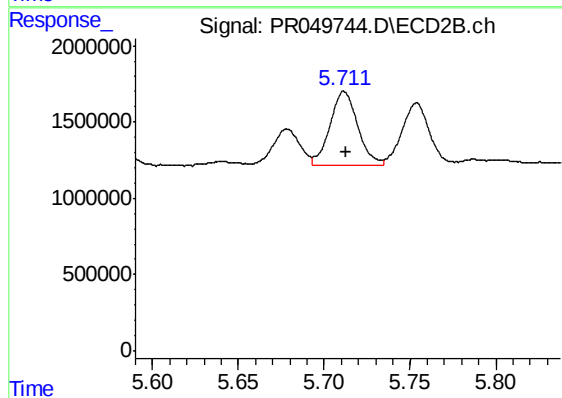
#19 AR-1242-4

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 3958586
Conc: 31.94 ng/ml



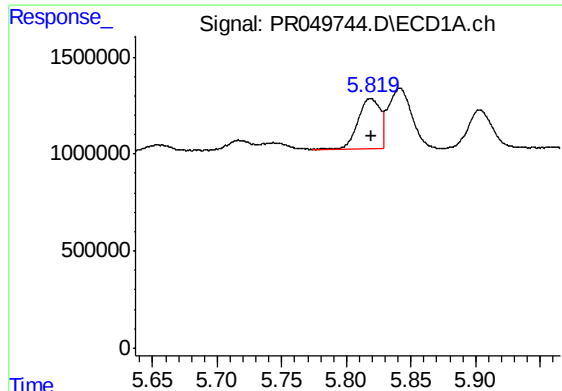
#20 AR-1242-5

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 2373314
Conc: 26.05 ng/ml



#20 AR-1242-5

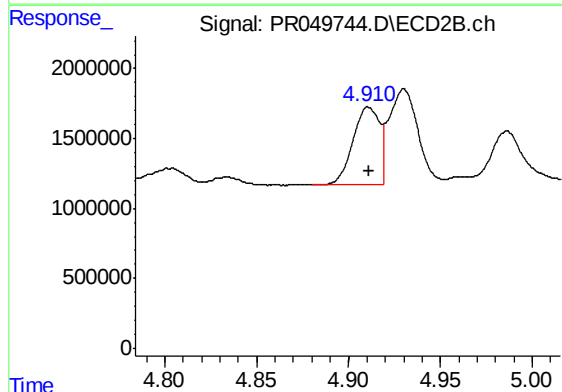
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 5407078
Conc: 31.69 ng/ml



#21 AR-1248-1

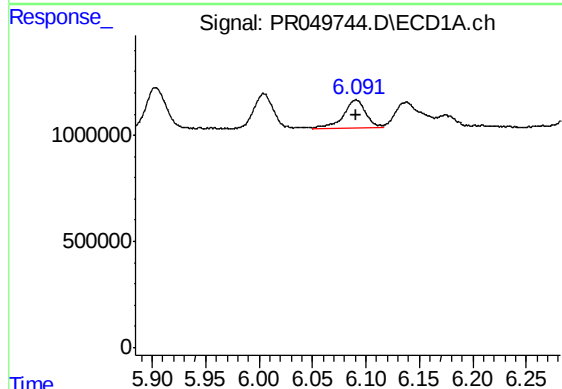
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 3103257
Conc: 36.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



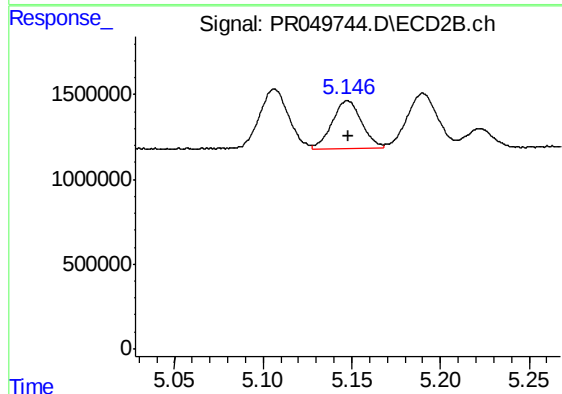
#21 AR-1248-1

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 5499529
Conc: 40.75 ng/ml



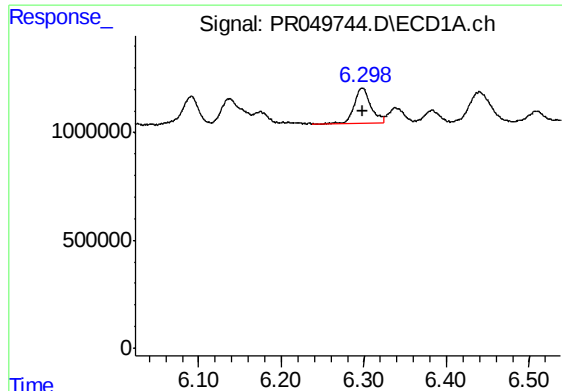
#22 AR-1248-2

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 1874002
Conc: 15.59 ng/ml



#22 AR-1248-2

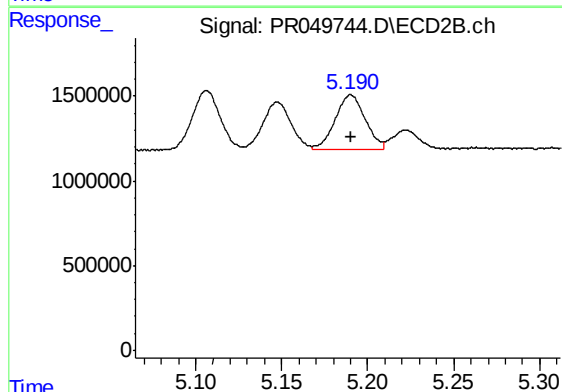
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 3267328
Conc: 18.44 ng/ml



#23 AR-1248-3

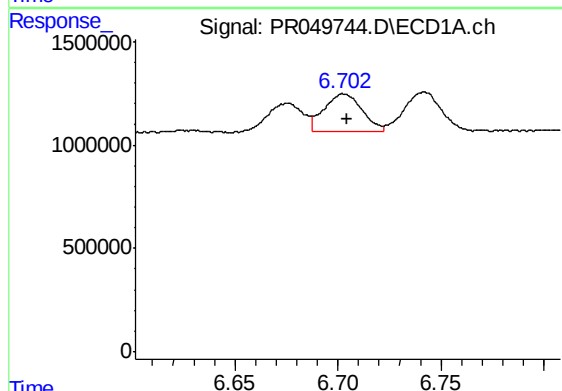
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 2257512
Conc: 16.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



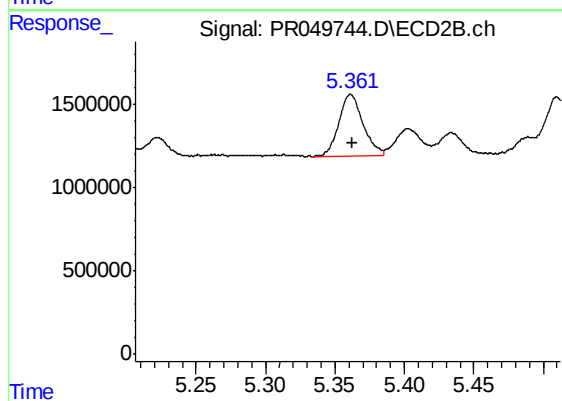
#23 AR-1248-3

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 3958586
Conc: 21.01 ng/ml



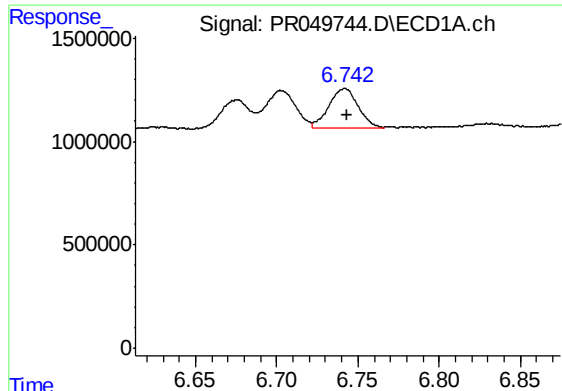
#24 AR-1248-4

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 2369603
Conc: 14.79 ng/ml



#24 AR-1248-4

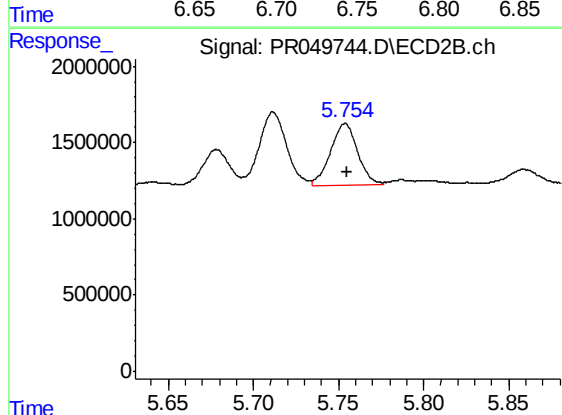
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 4522673
Conc: 19.44 ng/ml



#25 AR-1248-5

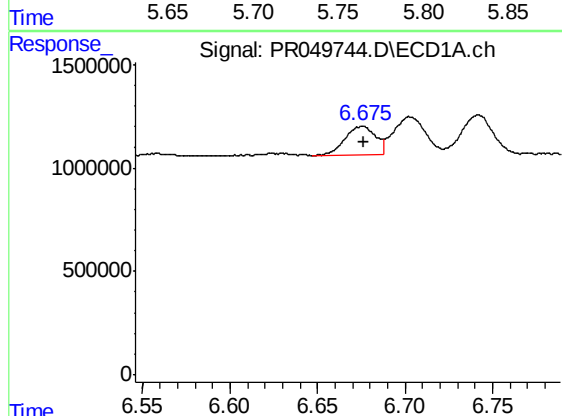
R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 2373314
Conc: 15.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



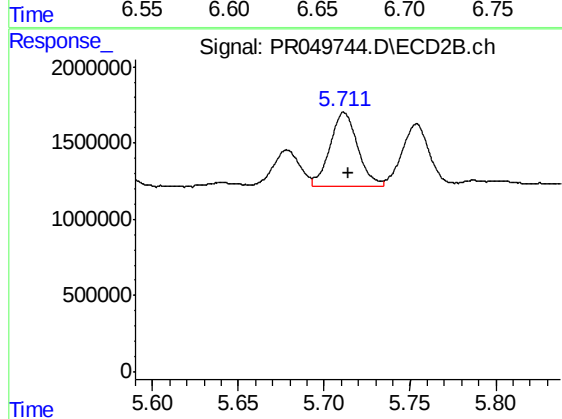
#25 AR-1248-5

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 4486620
Conc: 18.22 ng/ml



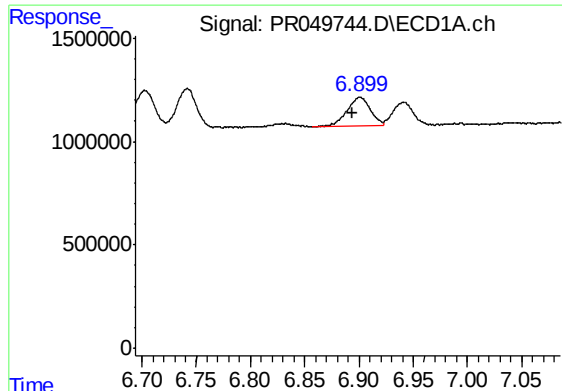
#26 AR-1254-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 1717322
Conc: 10.80 ng/ml



#26 AR-1254-1

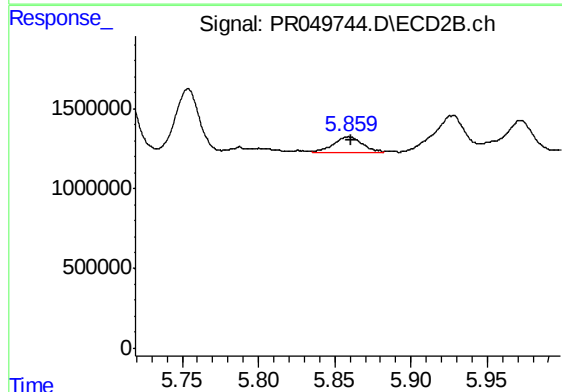
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 5407078
Conc: 14.38 ng/ml



#27 AR-1254-2

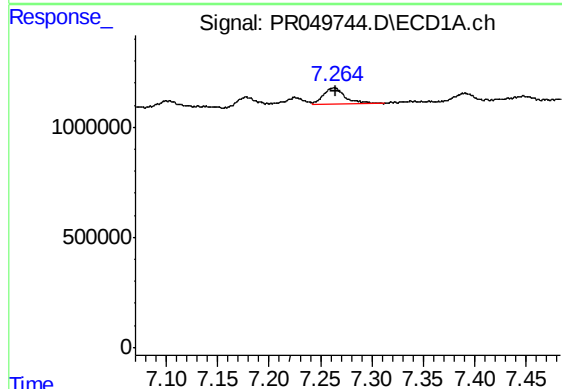
R.T.: 6.901 min
Delta R.T.: 0.007 min
Response: 2144753
Conc: 8.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



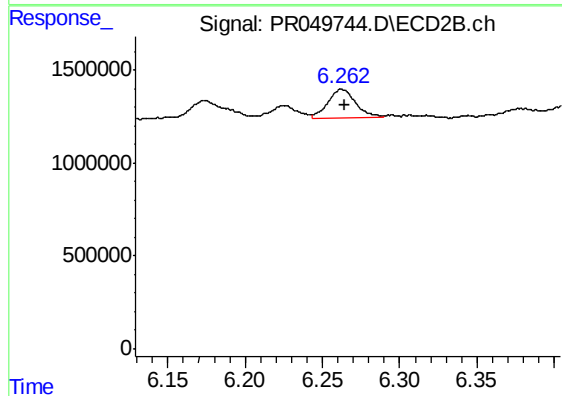
#27 AR-1254-2

R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 1325576
Conc: 4.11 ng/ml



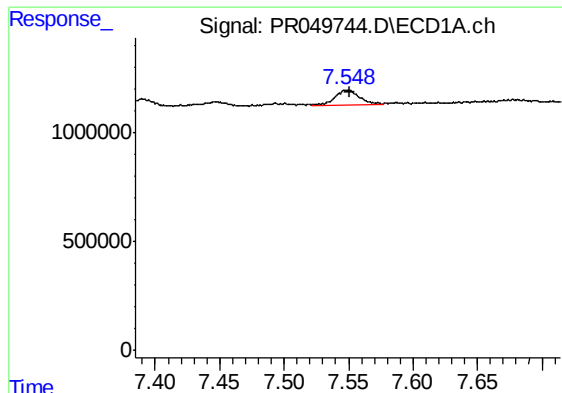
#28 AR-1254-3

R.T.: 7.264 min
Delta R.T.: -0.001 min
Response: 1164367
Conc: 4.21 ng/ml



#28 AR-1254-3

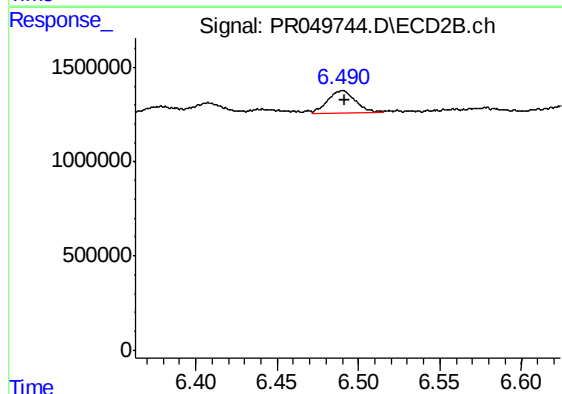
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 1904738
Conc: 3.34 ng/ml



#29 AR-1254-4

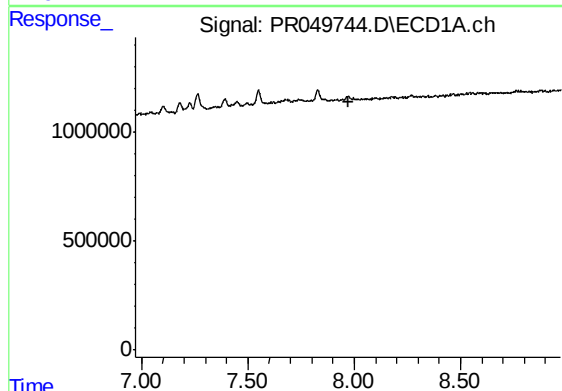
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 848209
Conc: 4.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



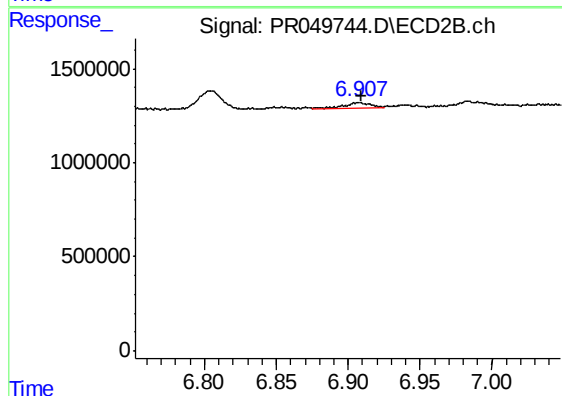
#29 AR-1254-4

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 1394837
Conc: 3.90 ng/ml



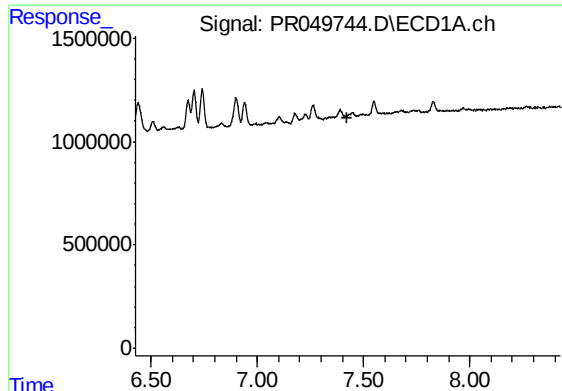
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.971 min
Response: 0
Conc: N.D.



#30 AR-1254-5

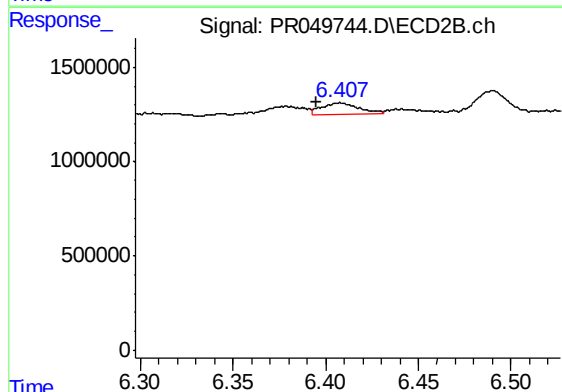
R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 352070
Conc: 0.71 ng/ml



#31 AR-1260-1

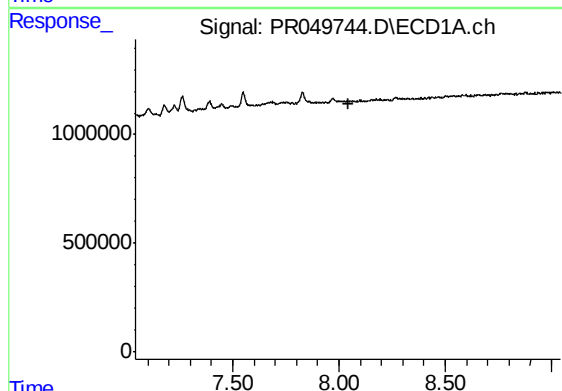
R.T.: 0.000 min
Exp R.T.: 7.427 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



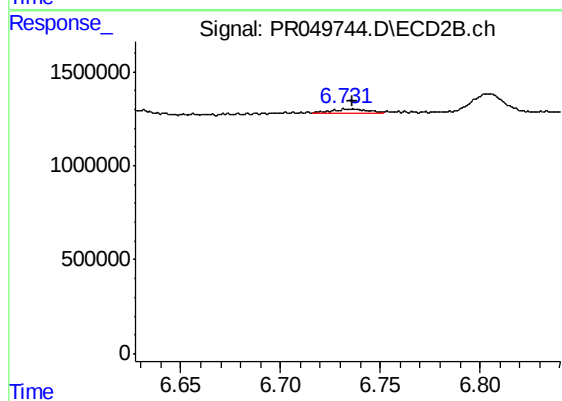
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: 0.012 min
Response: 814084
Conc: 2.27 ng/ml



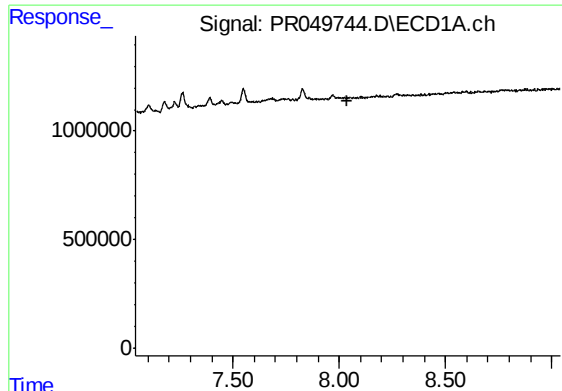
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 8.042 min
Response: 0
Conc: N.D.



#33 AR-1260-3

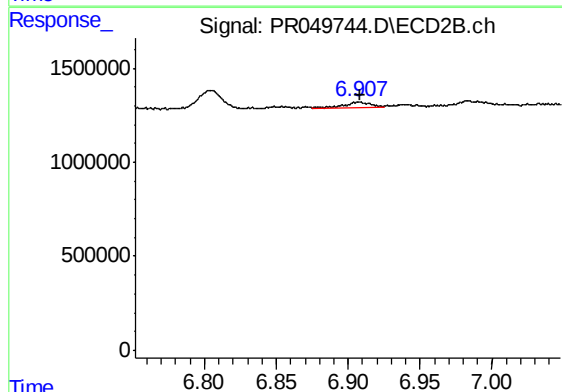
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 307782
Conc: 0.73 ng/ml



#36 AR-1262-1

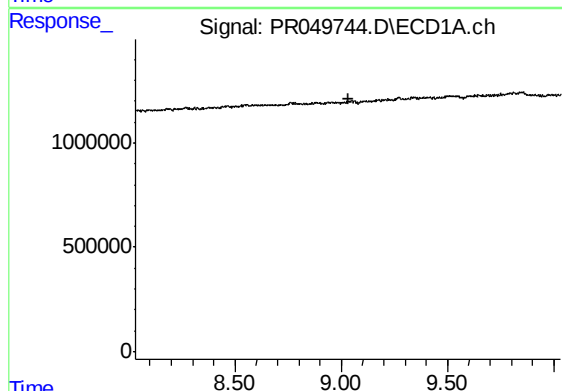
R.T.: 0.000 min
Exp R.T. : 8.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



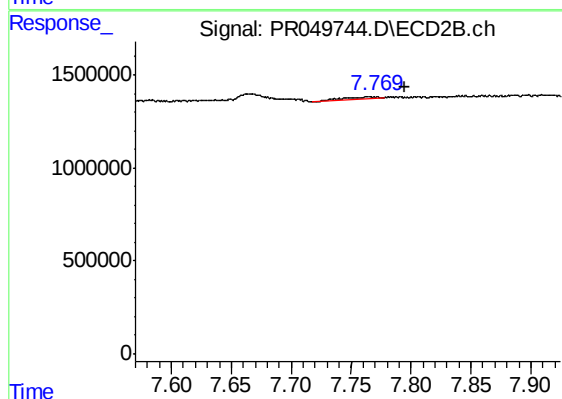
#36 AR-1262-1

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 352070
Conc: 1.37 ng/ml



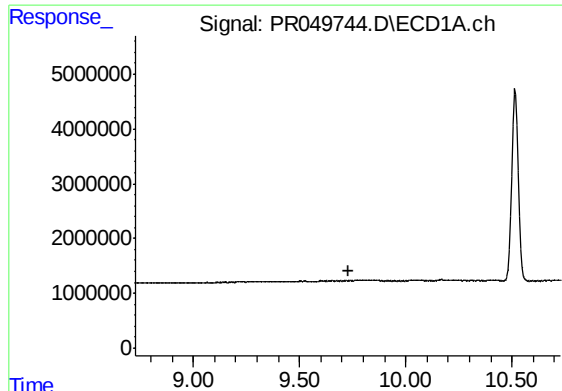
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.031 min
Response: 0
Conc: N.D.



#39 AR-1262-4

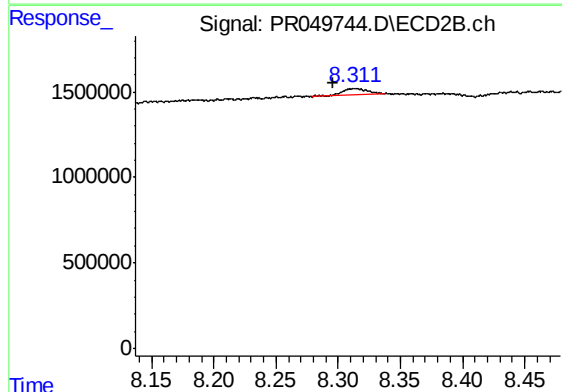
R.T.: 7.769 min
Delta R.T.: -0.025 min
Response: 228300
Conc: 0.32 ng/ml



#40 AR-1262-5

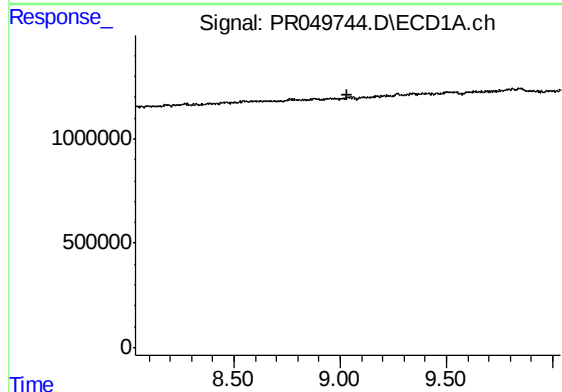
R.T.: 0.000 min
Exp R.T. : 9.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



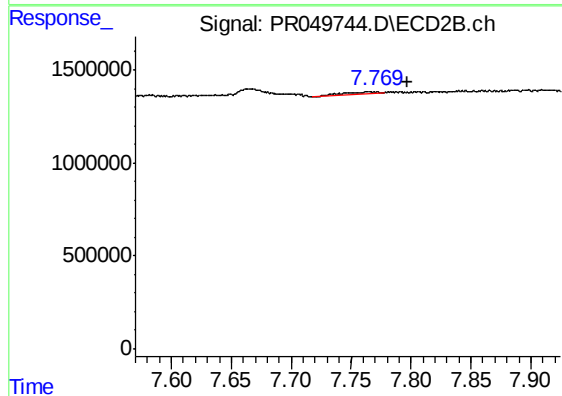
#40 AR-1262-5

R.T.: 8.312 min
Delta R.T.: 0.016 min
Response: 544989
Conc: 1.70 ng/ml



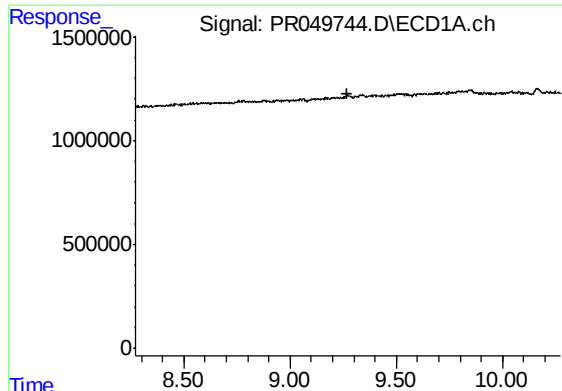
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.036 min
Response: 0
Conc: N.D.



#42 AR-1268-2

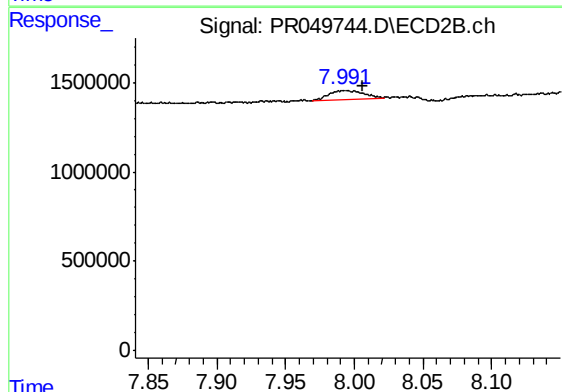
R.T.: 7.769 min
Delta R.T.: -0.027 min
Response: 228300
Conc: 0.22 ng/ml



#43 AR-1268-3

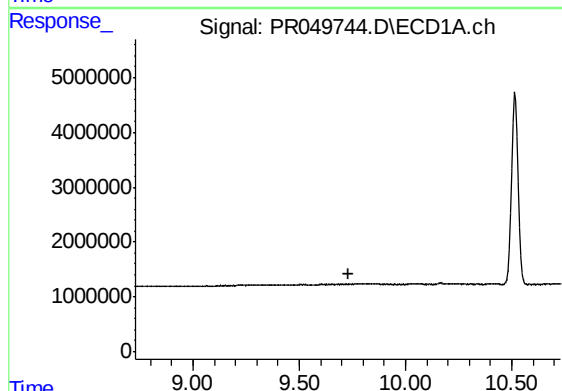
R.T.: 0.000 min
Exp R.T. : 9.272 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



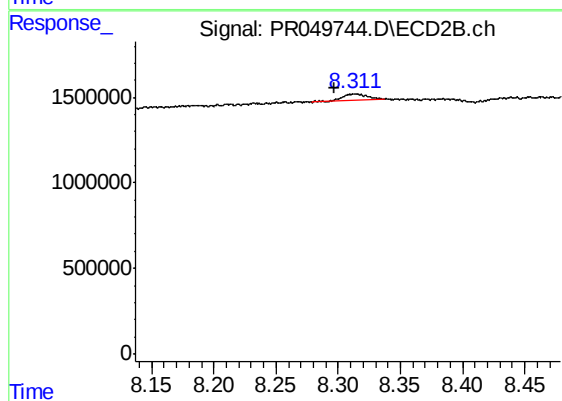
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.015 min
Response: 866209
Conc: 0.99 ng/ml



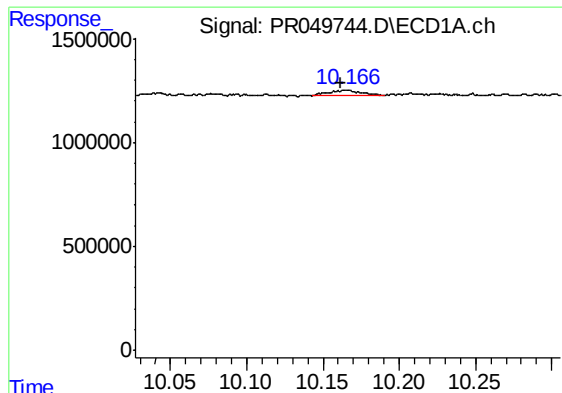
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.729 min
Response: 0
Conc: N.D.



#44 AR-1268-4

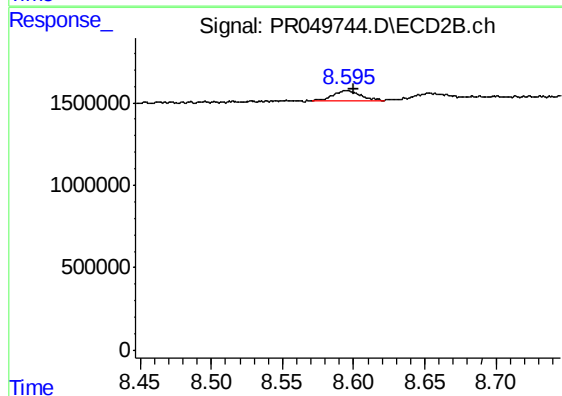
R.T.: 8.312 min
Delta R.T.: 0.016 min
Response: 544989
Conc: 1.50 ng/ml



#45 AR-1268-5

R.T.: 10.167 min
Delta R.T.: 0.005 min
Response: 394805
Conc: 0.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



#45 AR-1268-5

R.T.: 8.595 min
Delta R.T.: -0.005 min
Response: 842184
Conc: 0.28 ng/ml