

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081519\
 Data File : PR040366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 16:55
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1660 LOD SOIL 25PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:08:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

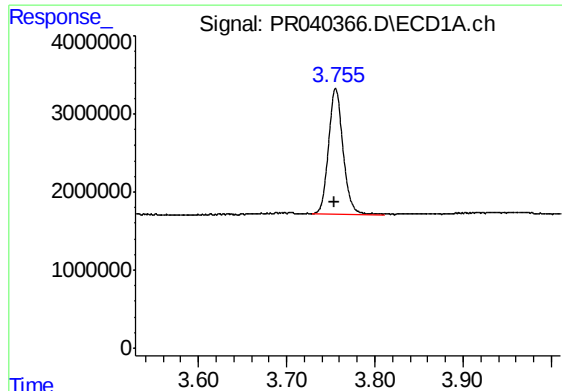
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.756	4.599	18386819	89637606	14.963	14.533
2)	SA Decachlor...	8.681	10.318	55188089	218.5E6	19.157	18.828
Target Compounds							
3)	L1 AR-1016-1	4.822	5.775	1305280	7890449	24.249	31.621 #
4)	L1 AR-1016-2	4.838	5.775	1753417	7890449	19.390	20.228
5)	L1 AR-1016-3	5.010	5.775	929899	7890449	20.875	32.214 #
6)	L1 AR-1016-4	5.051	0.000	796051	0	22.274	N.D. #
7)	L1 AR-1016-5	5.259	0.000	978686	0	19.491	N.D. #
12)	L3 AR-1232-2	4.838	0.000	1753417	0	28.283	N.D. #
13)	L3 AR-1232-3	5.010	5.775	929899	7890449	31.855	30.943
14)	L3 AR-1232-4	5.091	0.000	734982	0	28.245	N.D. #
15)	L3 AR-1232-5	5.259	0.000	978686	0	32.383	N.D. #
16)	L4 AR-1242-1	4.822	5.775	1305280	7890449	25.816	32.639 #
17)	L4 AR-1242-2	4.838	5.775	1753417	7890449	20.573	21.283
18)	L4 AR-1242-3	5.010	5.775	929899	7890449	21.877	34.710 #
19)	L4 AR-1242-4	5.091	0.000	734982	0	17.776	N.D. #
20)	L4 AR-1242-5	5.605	0.000	674600	0	10.986	N.D. #
21)	L5 AR-1248-1	4.822	5.775	1305280	7890449	34.710	47.135 #
22)	L5 AR-1248-2	5.051	0.000	796051	0	14.779	N.D. #
23)	L5 AR-1248-3	5.091	0.000	734982	0	13.139	N.D. #
24)	L5 AR-1248-4	5.259	0.000	978686	0	13.769	N.D. #
25)	L5 AR-1248-5	5.605	0.000	674600	0	8.728	N.D. #
26)	L6 AR-1254-1	5.605	0.000	674600	0	4.969	N.D. #
27)	L6 AR-1254-2	5.749	0.000	820605	0	6.879	N.D. #
28)	L6 AR-1254-3	6.157	0.000	1766288	0	8.297	N.D. #
30)	L6 AR-1254-5	6.780	7.867	3776288	12844568	18.882	21.523
31)	L7 AR-1260-1	6.272	7.330	2875961	8790587	25.497	21.356
32)	L7 AR-1260-2	6.456	7.584	4005297	10433514	27.557	20.529 #
33)	L7 AR-1260-3	6.607	7.939	3214588	8476322	23.948	20.708
34)	L7 AR-1260-4	7.072	8.167	2694915	9220370	21.674	19.336
35)	L7 AR-1260-5	7.310	8.492	7077684	23071993	22.445	22.243
36)	L8 AR-1262-1	6.870	7.939	1425884	8476322	20.961	14.178 #
37)	L8 AR-1262-2	7.310	8.492	7077684	23071993	20.115	19.392
38)	L8 AR-1262-3	7.589	8.829	2477382	14638503	17.705	18.086
39)	L8 AR-1262-4	7.652	0.000	6063993	0	22.847	N.D. #
40)	L8 AR-1262-5	8.143	9.565	2199048	8621174	16.705	18.252
41)	L9 AR-1268-1	7.589	8.829	2477382	14638503	6.733	11.185 #
42)	L9 AR-1268-2	7.652	0.000	6063993	0	17.700	N.D. #
44)	L9 AR-1268-4	8.143	9.565	2199048	8621174	16.246	17.576
45)	L9 AR-1268-5	8.432	0.000	907650	0	0.880	N.D. #

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

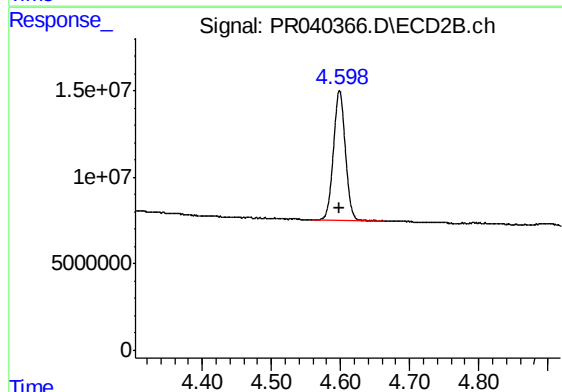
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



#1 Tetrachloro-m-xylene

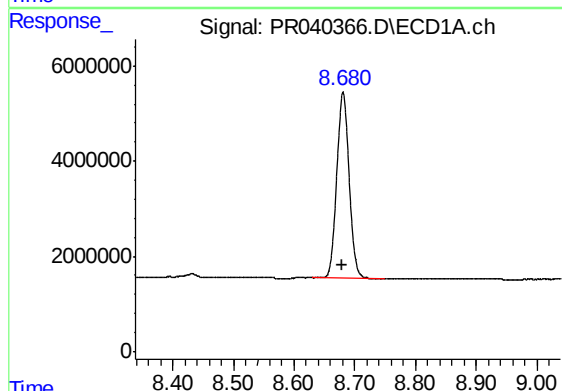
R.T.: 3.756 min
Delta R.T.: 0.002 min
Response: 18386819
Conc: 14.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



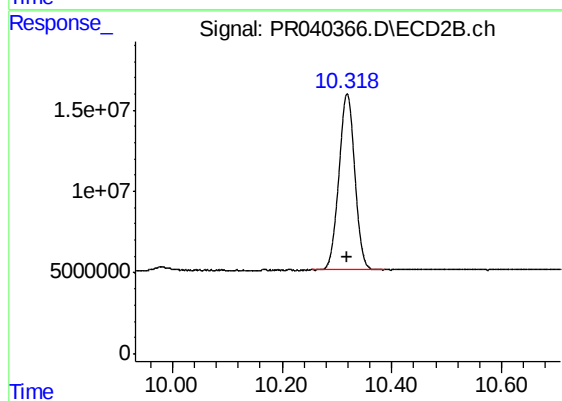
#1 Tetrachloro-m-xylene

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 89637606
Conc: 14.53 ng/ml



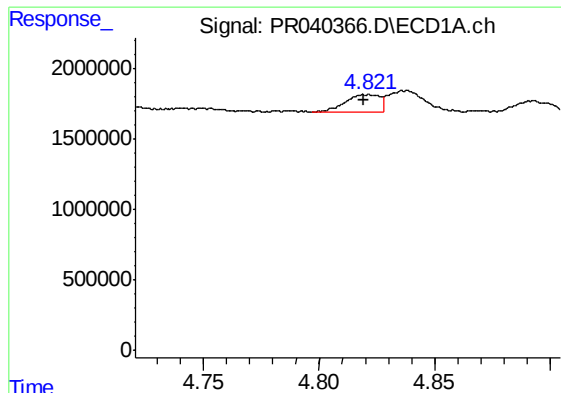
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 55188089
Conc: 19.16 ng/ml



#2 Decachlorobiphenyl

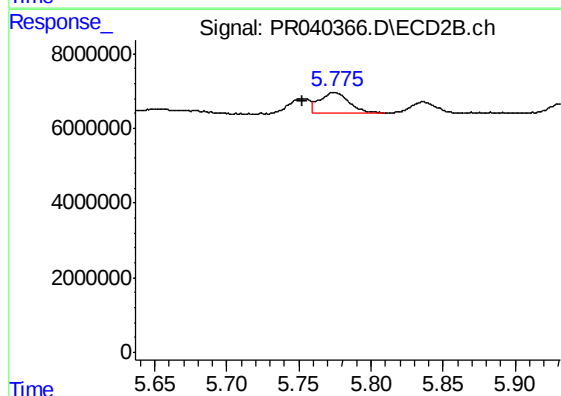
R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 218531366
Conc: 18.83 ng/ml



#3 AR-1016-1

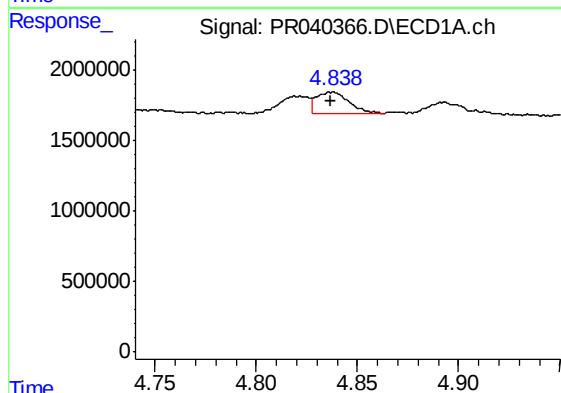
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 1305280
Conc: 24.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



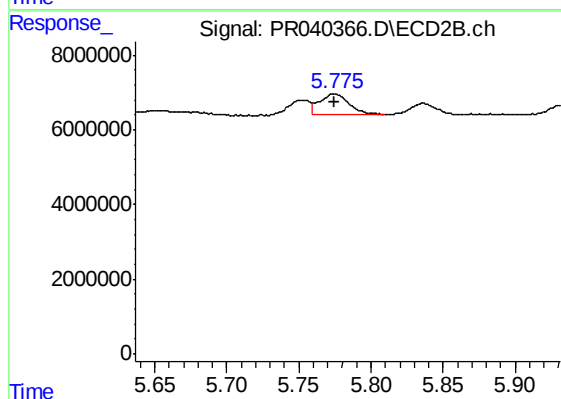
#3 AR-1016-1

R.T.: 5.775 min
Delta R.T.: 0.022 min
Response: 7890449
Conc: 31.62 ng/ml



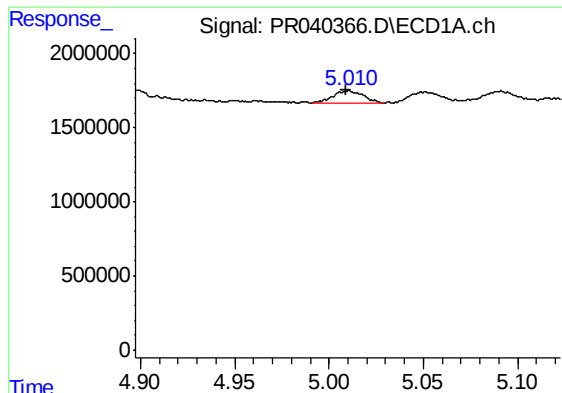
#4 AR-1016-2

R.T.: 4.838 min
Delta R.T.: 0.002 min
Response: 1753417
Conc: 19.39 ng/ml



#4 AR-1016-2

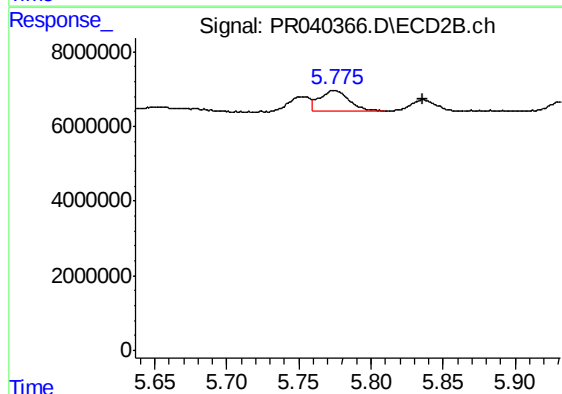
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 7890449
Conc: 20.23 ng/ml



#5 AR-1016-3

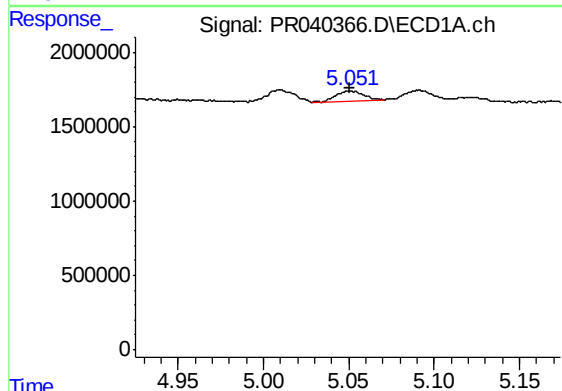
R.T.: 5.010 min
Delta R.T.: 0.001 min
Response: 929899
Conc: 20.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



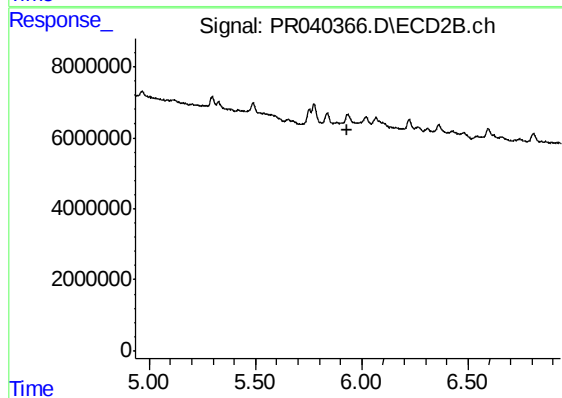
#5 AR-1016-3

R.T.: 5.775 min
Delta R.T.: -0.061 min
Response: 7890449
Conc: 32.21 ng/ml



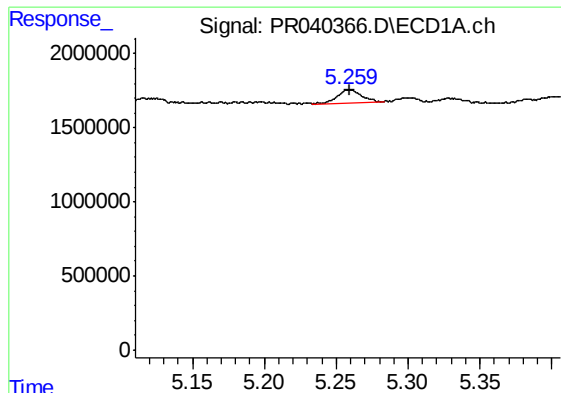
#6 AR-1016-4

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 796051
Conc: 22.27 ng/ml



#6 AR-1016-4

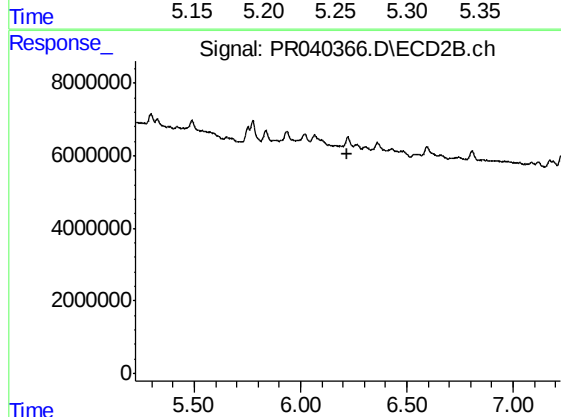
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#7 AR-1016-5

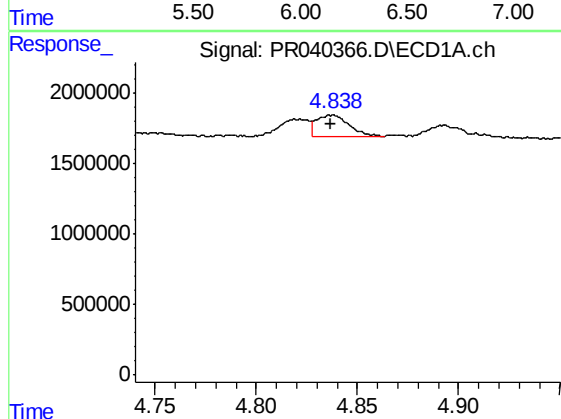
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 978686
Conc: 19.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



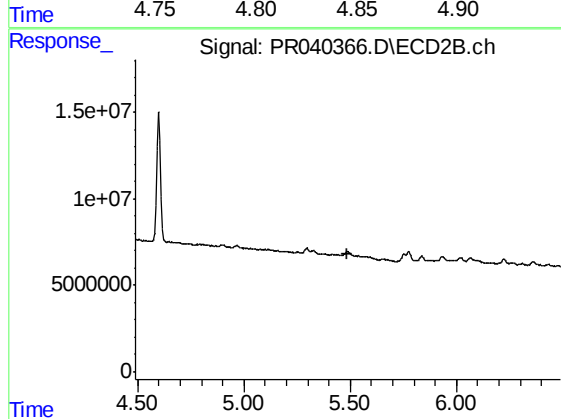
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



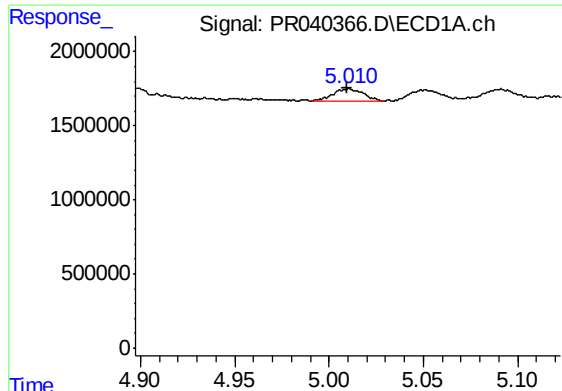
#12 AR-1232-2

R.T.: 4.838 min
Delta R.T.: 0.001 min
Response: 1753417
Conc: 28.28 ng/ml



#12 AR-1232-2

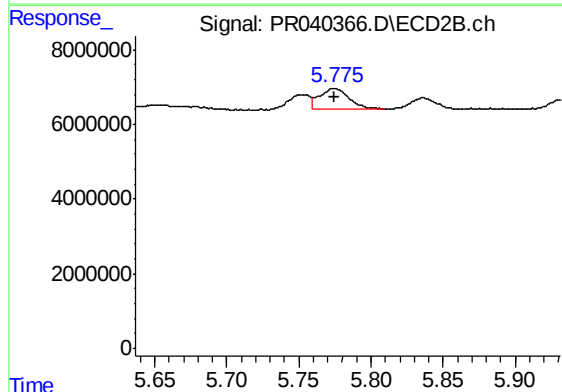
R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.



#13 AR-1232-3

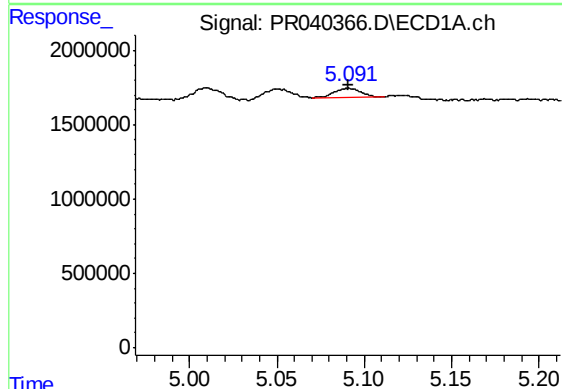
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 929899
Conc: 31.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



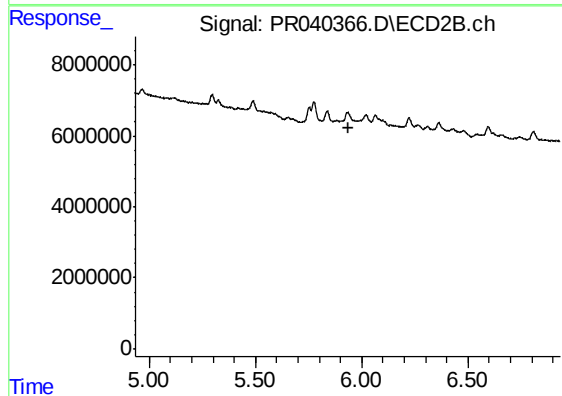
#13 AR-1232-3

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 7890449
Conc: 30.94 ng/ml



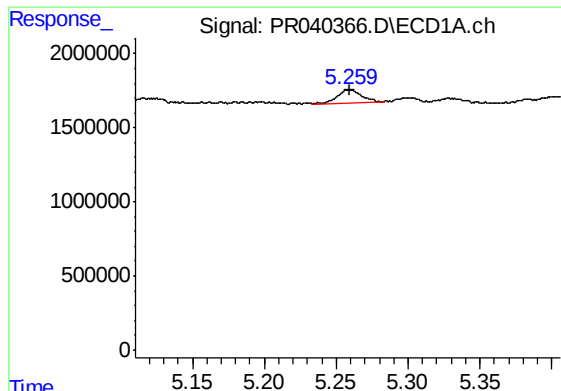
#14 AR-1232-4

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 734982
Conc: 28.24 ng/ml



#14 AR-1232-4

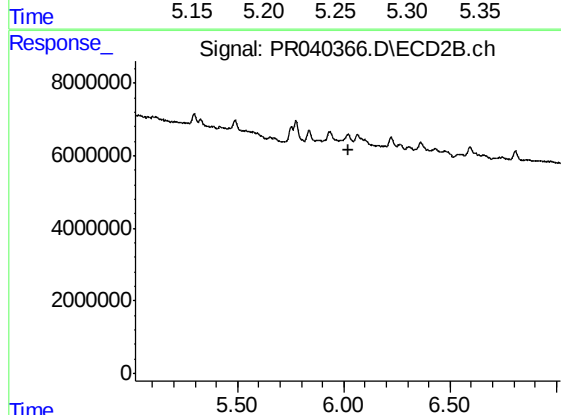
R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



#15 AR-1232-5

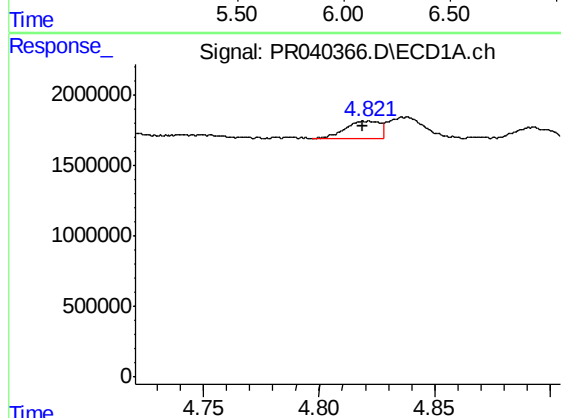
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 978686
Conc: 32.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



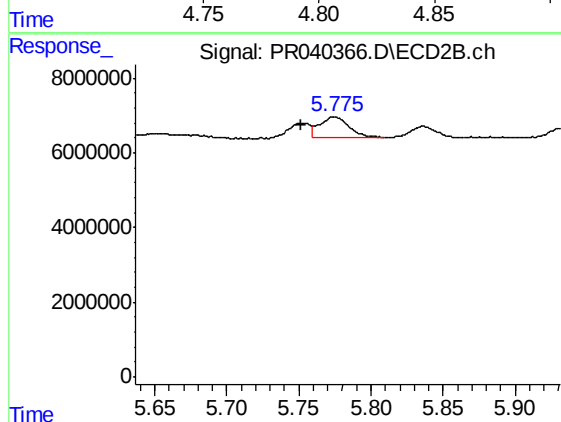
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



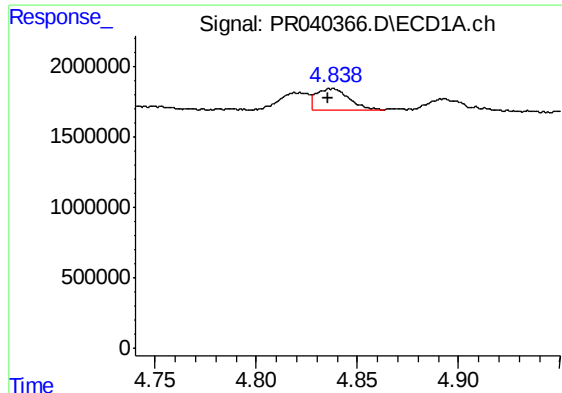
#16 AR-1242-1

R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 1305280
Conc: 25.82 ng/ml



#16 AR-1242-1

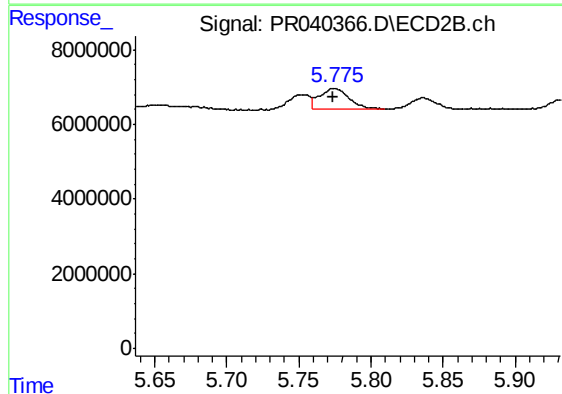
R.T.: 5.775 min
Delta R.T.: 0.023 min
Response: 7890449
Conc: 32.64 ng/ml



#17 AR-1242-2

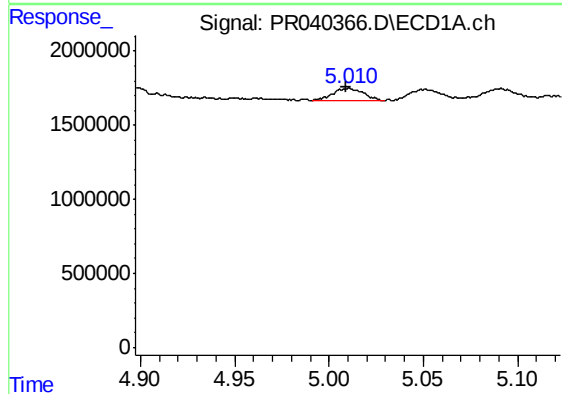
R.T.: 4.838 min
Delta R.T.: 0.003 min
Response: 1753417
Conc: 20.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



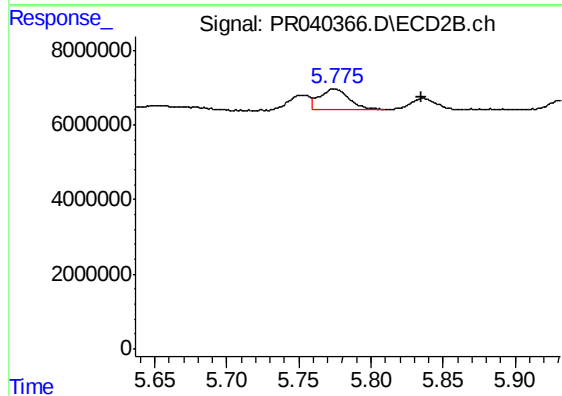
#17 AR-1242-2

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 7890449
Conc: 21.28 ng/ml



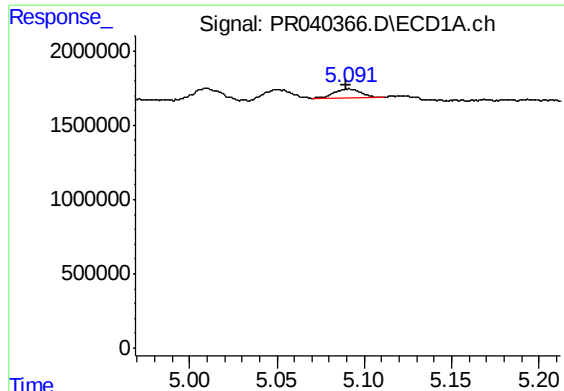
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: 0.002 min
Response: 929899
Conc: 21.88 ng/ml



#18 AR-1242-3

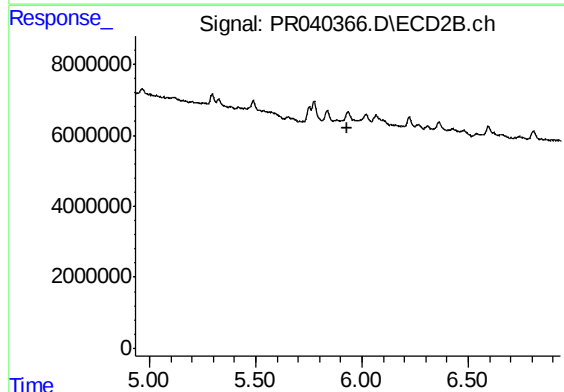
R.T.: 5.775 min
Delta R.T.: -0.060 min
Response: 7890449
Conc: 34.71 ng/ml



#19 AR-1242-4

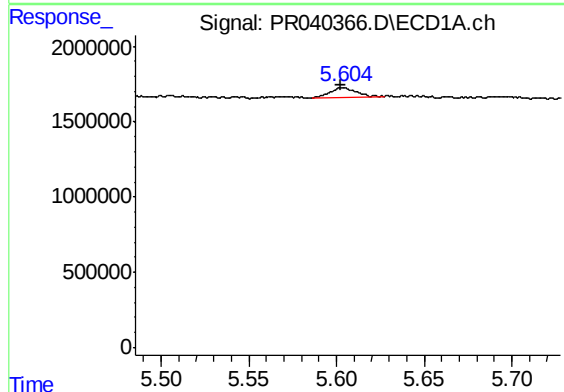
R.T.: 5.091 min
Delta R.T.: 0.002 min
Response: 734982
Conc: 17.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



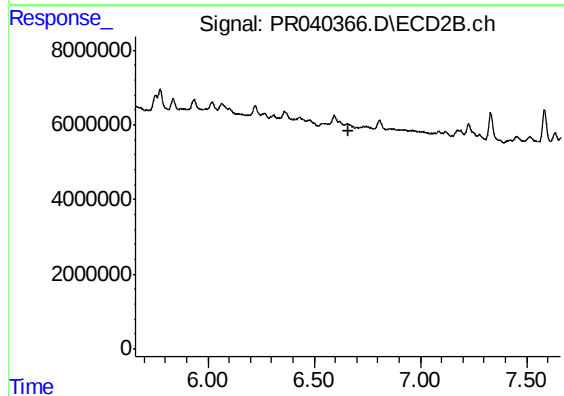
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



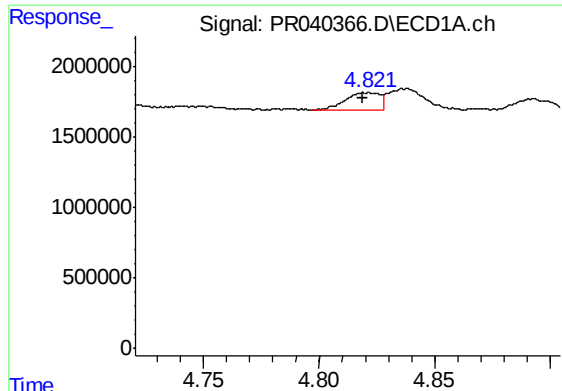
#20 AR-1242-5

R.T.: 5.605 min
Delta R.T.: 0.002 min
Response: 674600
Conc: 10.99 ng/ml



#20 AR-1242-5

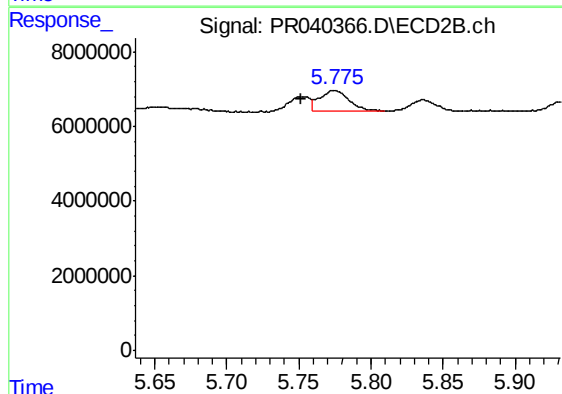
R.T.: 0.000 min
Exp R.T. : 6.659 min
Response: 0
Conc: N.D.



#21 AR-1248-1

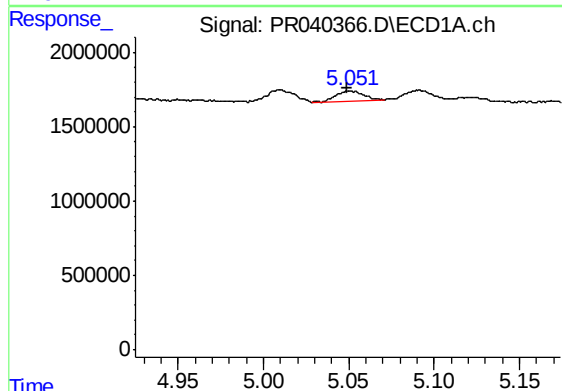
R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 1305280
Conc: 34.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



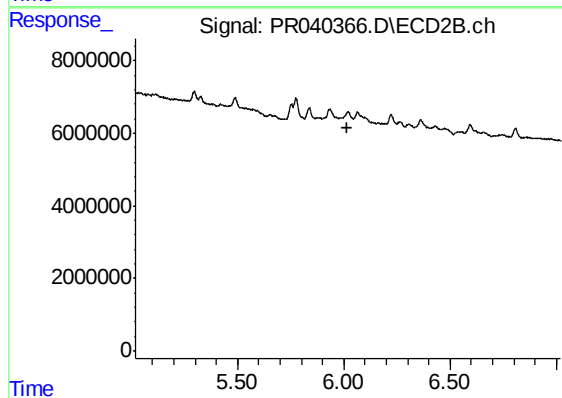
#21 AR-1248-1

R.T.: 5.775 min
Delta R.T.: 0.023 min
Response: 7890449
Conc: 47.14 ng/ml



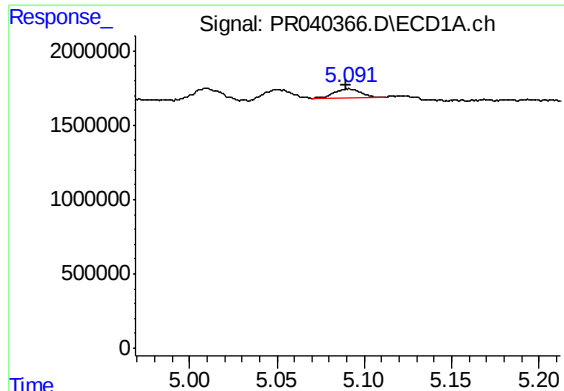
#22 AR-1248-2

R.T.: 5.051 min
Delta R.T.: 0.002 min
Response: 796051
Conc: 14.78 ng/ml



#22 AR-1248-2

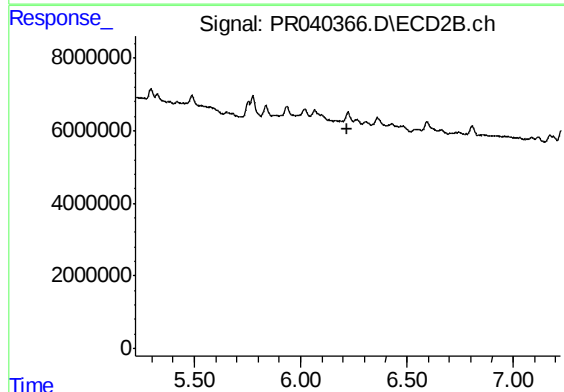
R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

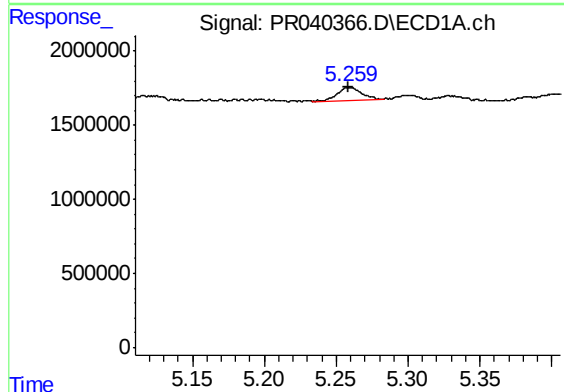
R.T.: 5.091 min
Delta R.T.: 0.001 min
Response: 734982
Conc: 13.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



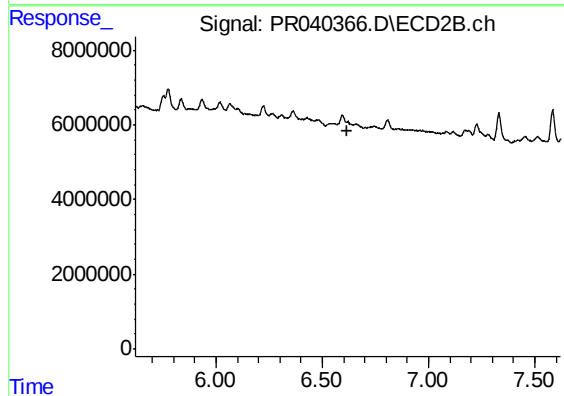
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.



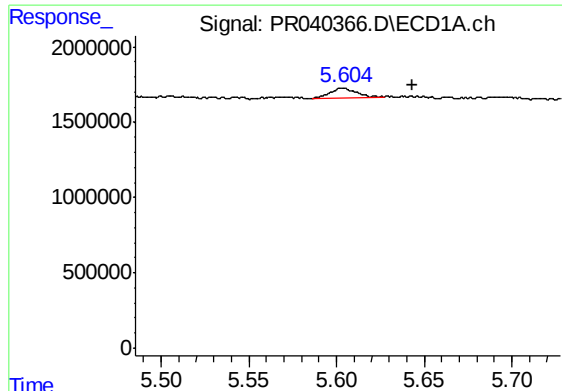
#24 AR-1248-4

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 978686
Conc: 13.77 ng/ml



#24 AR-1248-4

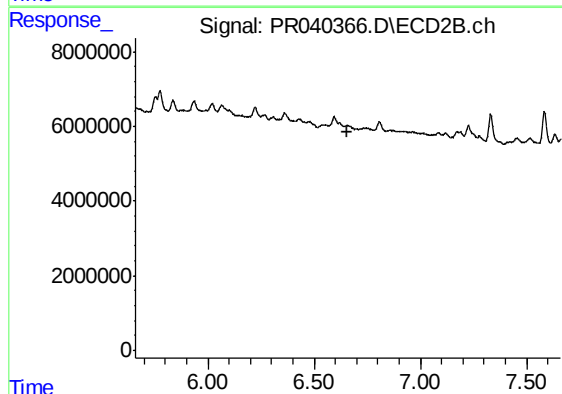
R.T.: 0.000 min
Exp R.T. : 6.621 min
Response: 0
Conc: N.D.



#25 AR-1248-5

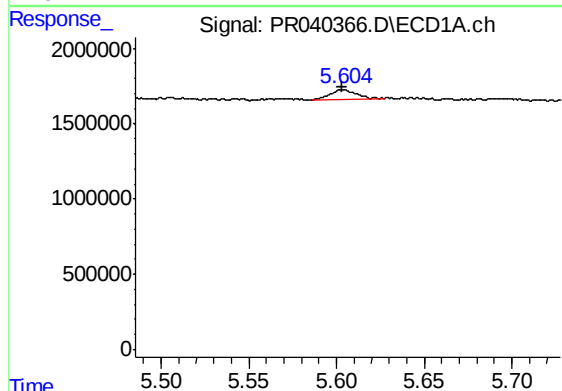
R.T.: 5.605 min
Delta R.T.: -0.039 min
Response: 674600
Conc: 8.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



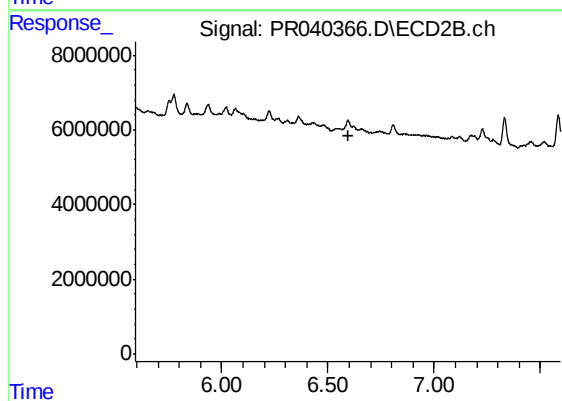
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.659 min
Response: 0
Conc: N.D.



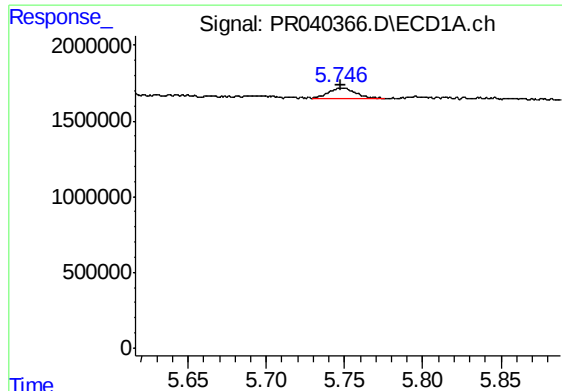
#26 AR-1254-1

R.T.: 5.605 min
Delta R.T.: 0.001 min
Response: 674600
Conc: 4.97 ng/ml



#26 AR-1254-1

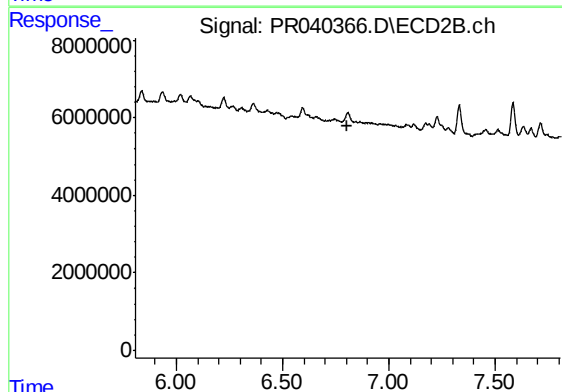
R.T.: 0.000 min
Exp R.T. : 6.594 min
Response: 0
Conc: N.D.



#27 AR-1254-2

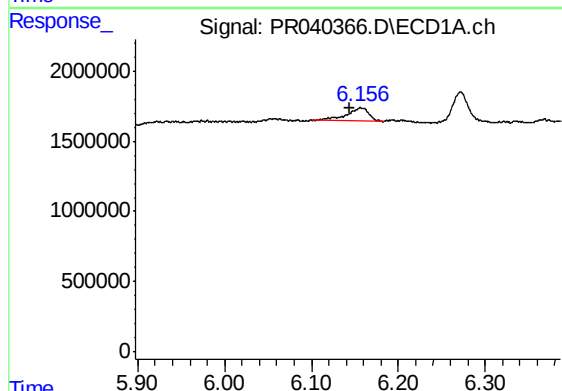
R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 820605
Conc: 6.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



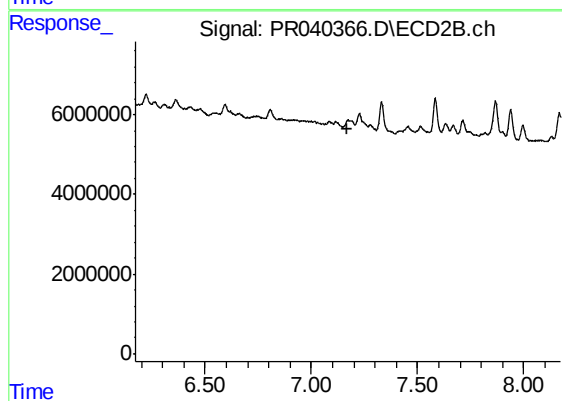
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.807 min
Response: 0
Conc: N.D.



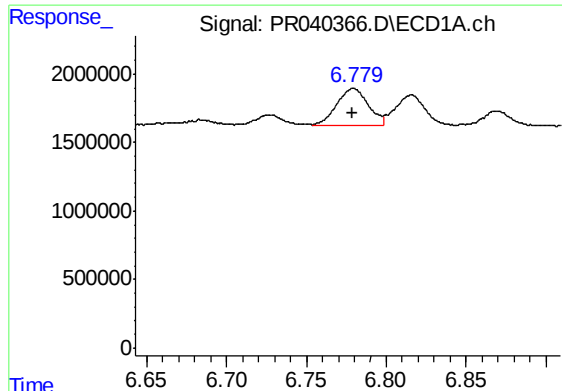
#28 AR-1254-3

R.T.: 6.157 min
Delta R.T.: 0.012 min
Response: 1766288
Conc: 8.30 ng/ml



#28 AR-1254-3

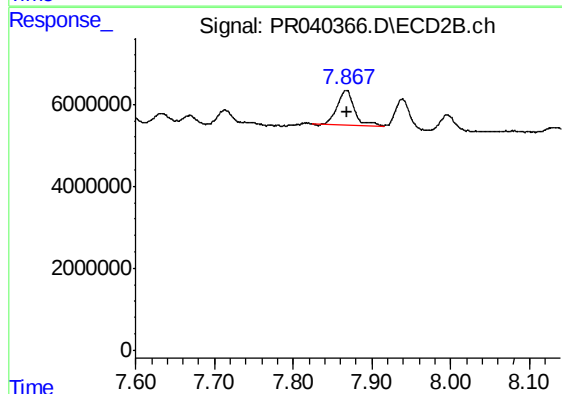
R.T.: 0.000 min
Exp R.T. : 7.173 min
Response: 0
Conc: N.D.



#30 AR-1254-5

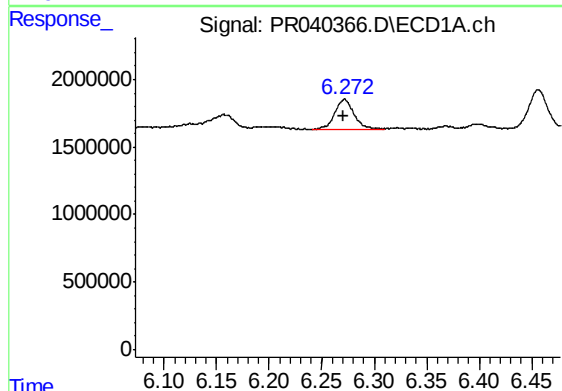
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 3776288
Conc: 18.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



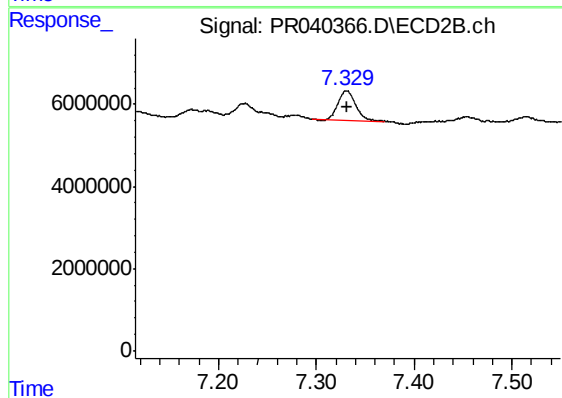
#30 AR-1254-5

R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 12844568
Conc: 21.52 ng/ml



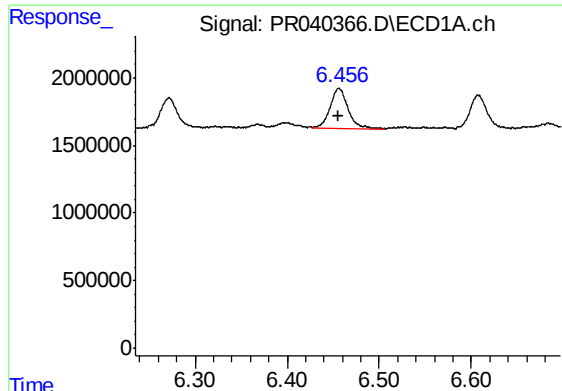
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.001 min
Response: 2875961
Conc: 25.50 ng/ml



#31 AR-1260-1

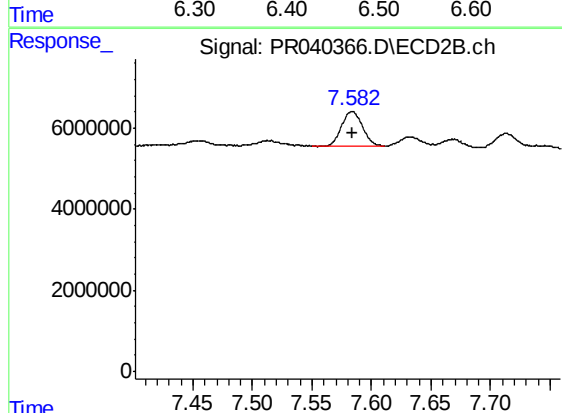
R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 8790587
Conc: 21.36 ng/ml



#32 AR-1260-2

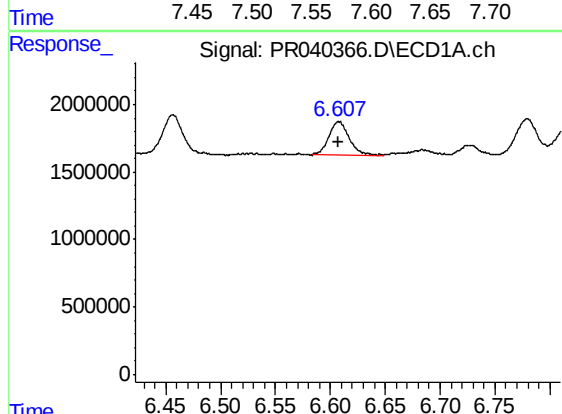
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 4005297
Conc: 27.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



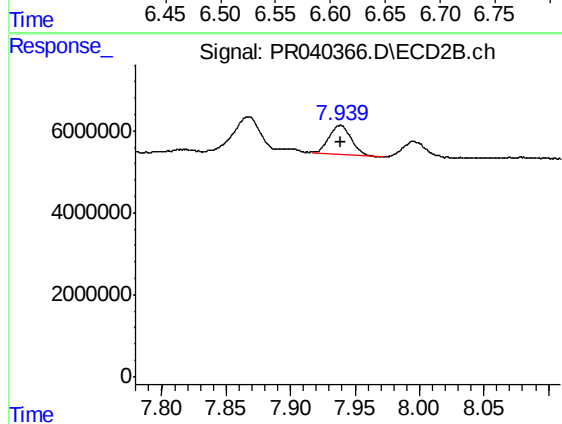
#32 AR-1260-2

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 10433514
Conc: 20.53 ng/ml



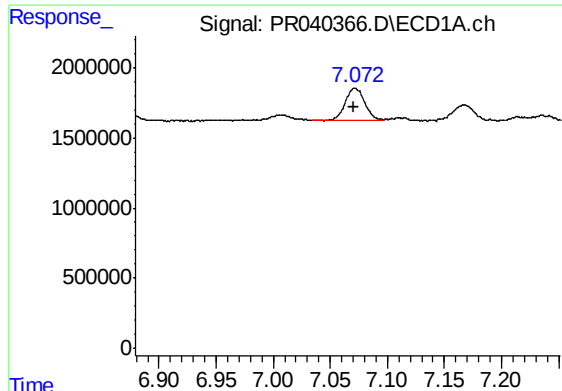
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 3214588
Conc: 23.95 ng/ml



#33 AR-1260-3

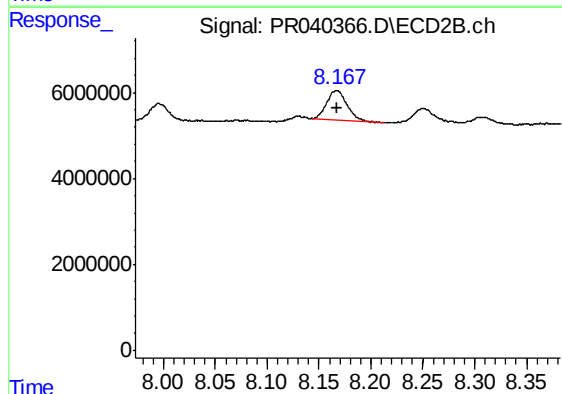
R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 8476322
Conc: 20.71 ng/ml



#34 AR-1260-4

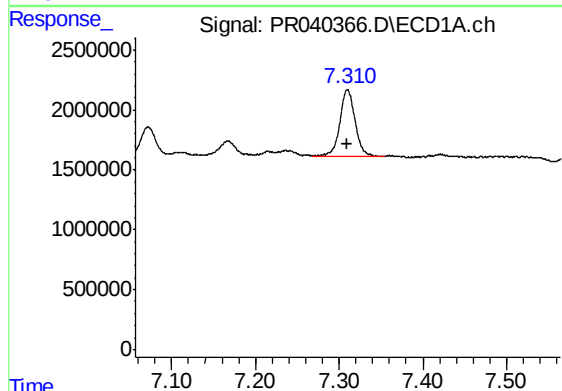
R.T.: 7.072 min
Delta R.T.: 0.001 min
Response: 2694915
Conc: 21.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



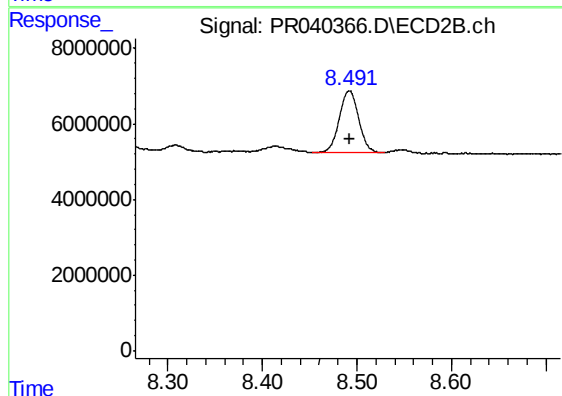
#34 AR-1260-4

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 9220370
Conc: 19.34 ng/ml



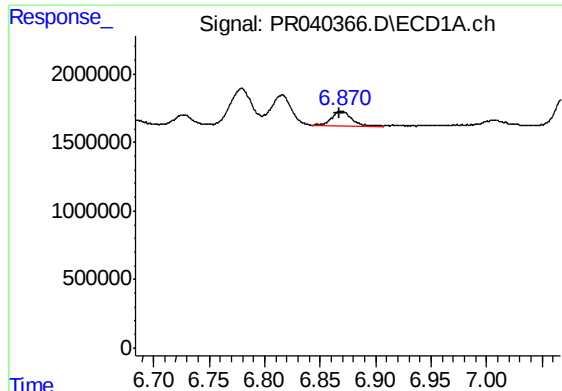
#35 AR-1260-5

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 7077684
Conc: 22.45 ng/ml



#35 AR-1260-5

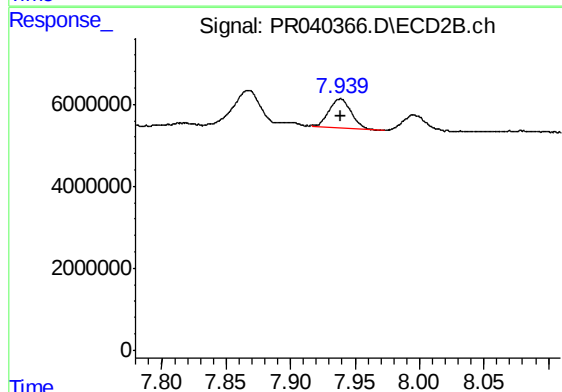
R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 23071993
Conc: 22.24 ng/ml



#36 AR-1262-1

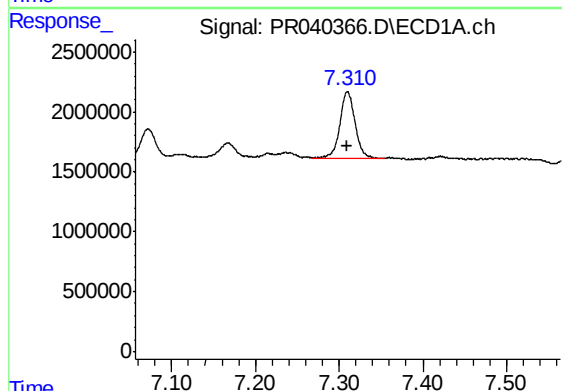
R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 1425884
Conc: 20.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



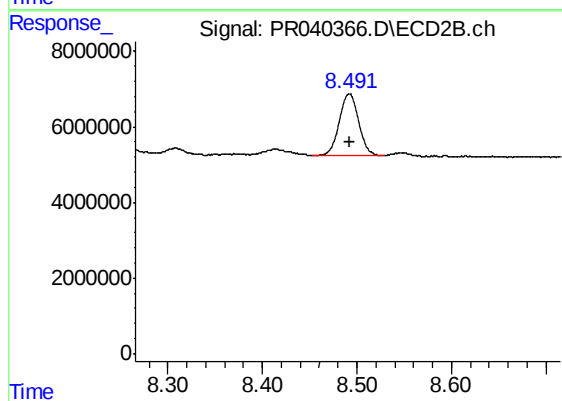
#36 AR-1262-1

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 8476322
Conc: 14.18 ng/ml



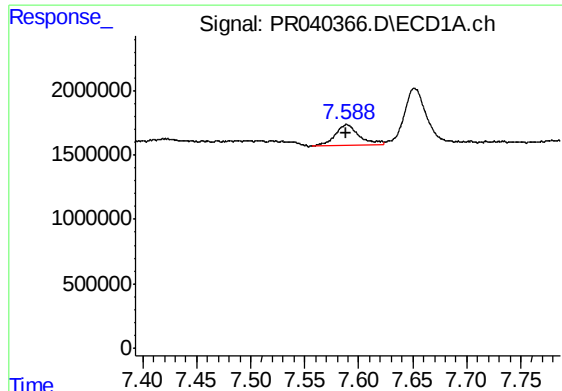
#37 AR-1262-2

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 7077684
Conc: 20.12 ng/ml



#37 AR-1262-2

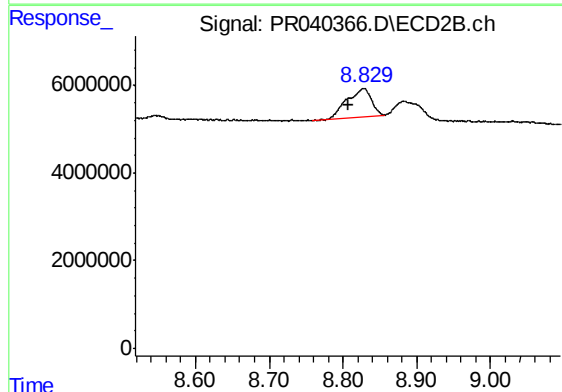
R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 23071993
Conc: 19.39 ng/ml



#38 AR-1262-3

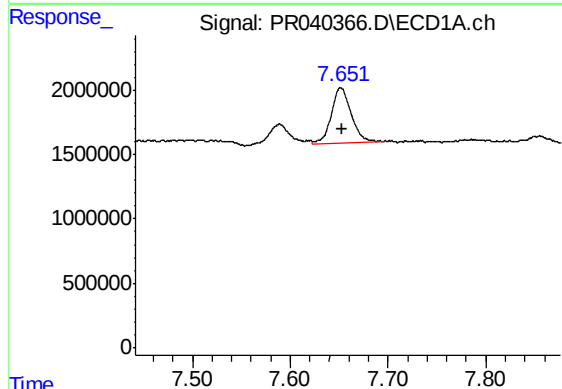
R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 2477382
Conc: 17.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



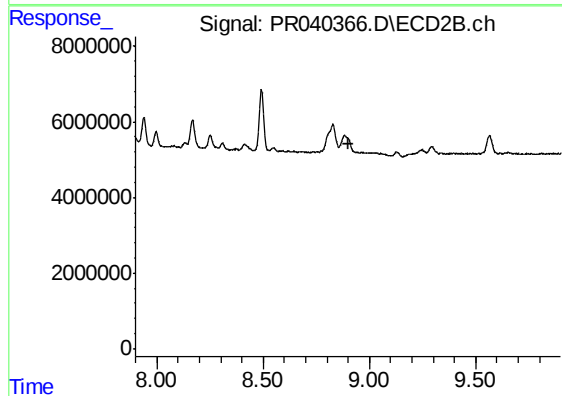
#38 AR-1262-3

R.T.: 8.829 min
Delta R.T.: 0.022 min
Response: 14638503
Conc: 18.09 ng/ml



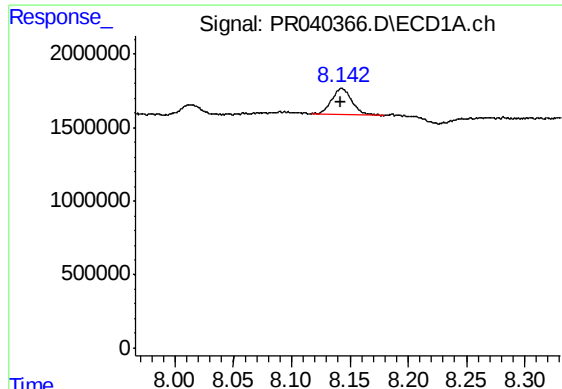
#39 AR-1262-4

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 6063993
Conc: 22.85 ng/ml



#39 AR-1262-4

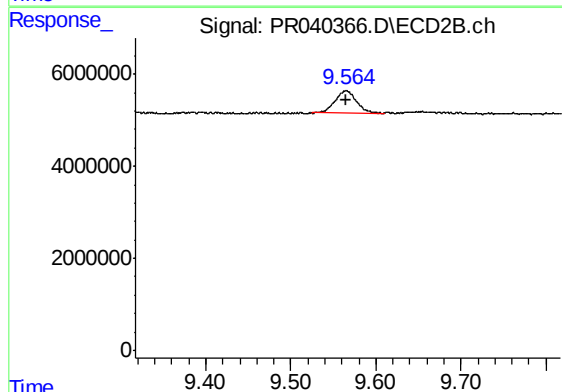
R.T.: 0.000 min
Exp R.T. : 8.899 min
Response: 0
Conc: N.D.



#40 AR-1262-5

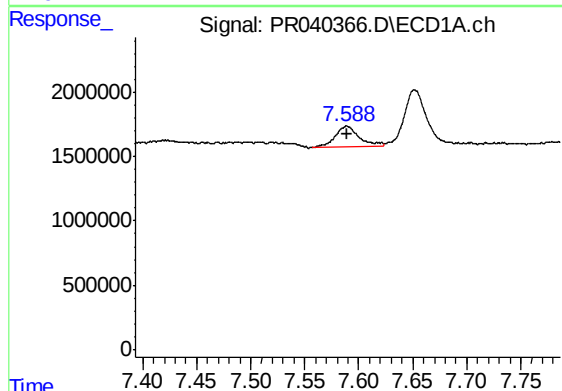
R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 2199048
Conc: 16.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



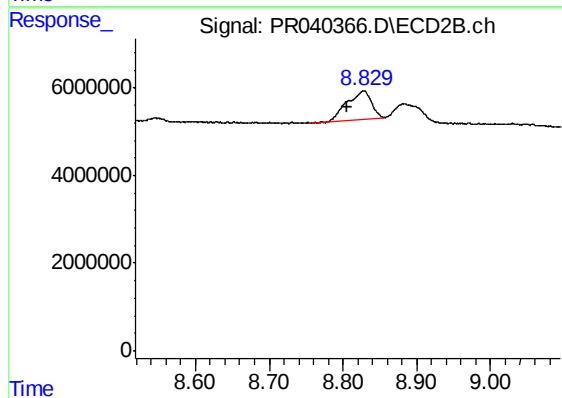
#40 AR-1262-5

R.T.: 9.565 min
Delta R.T.: 0.000 min
Response: 8621174
Conc: 18.25 ng/ml



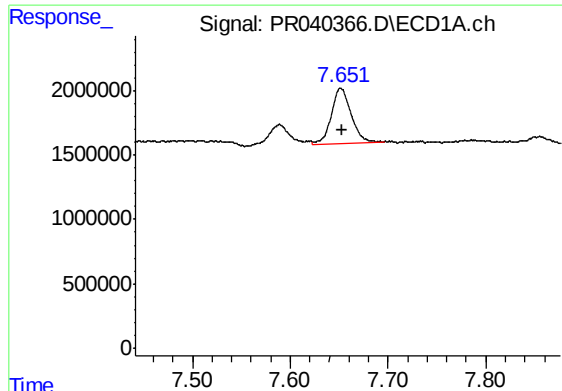
#41 AR-1268-1

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 2477382
Conc: 6.73 ng/ml



#41 AR-1268-1

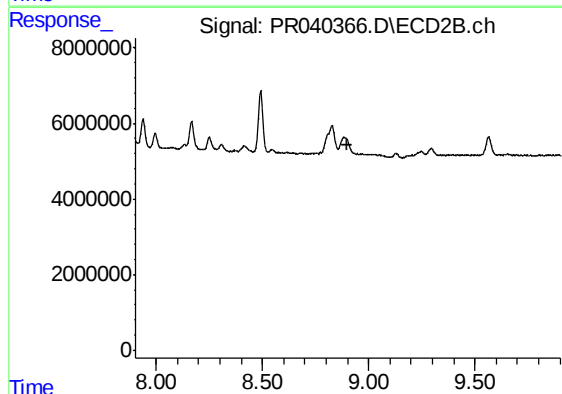
R.T.: 8.829 min
Delta R.T.: 0.022 min
Response: 14638503
Conc: 11.19 ng/ml



#42 AR-1268-2

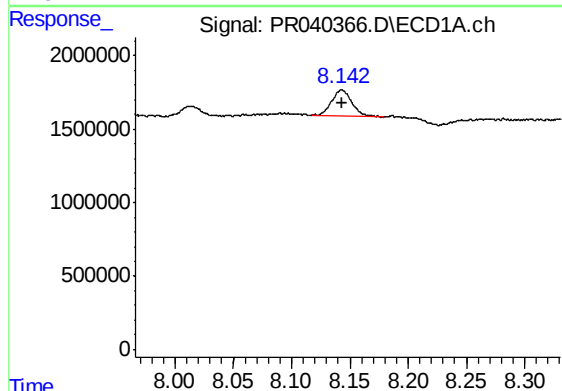
R.T.: 7.652 min
Delta R.T.: -0.002 min
Response: 6063993
Conc: 17.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



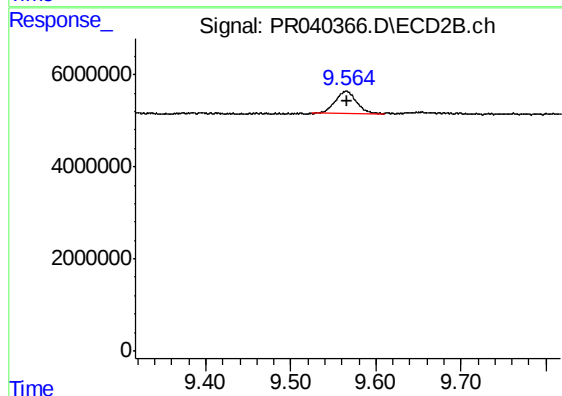
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.903 min
Response: 0
Conc: N.D.



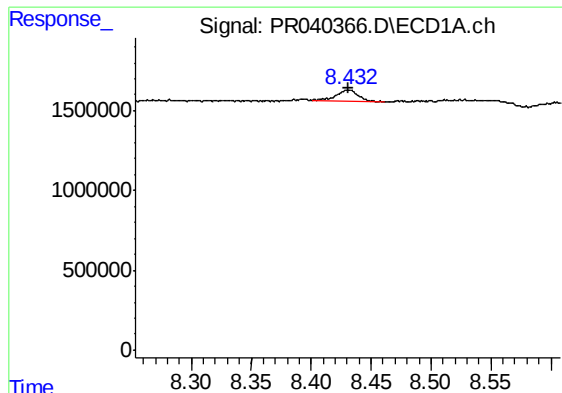
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 2199048
Conc: 16.25 ng/ml



#44 AR-1268-4

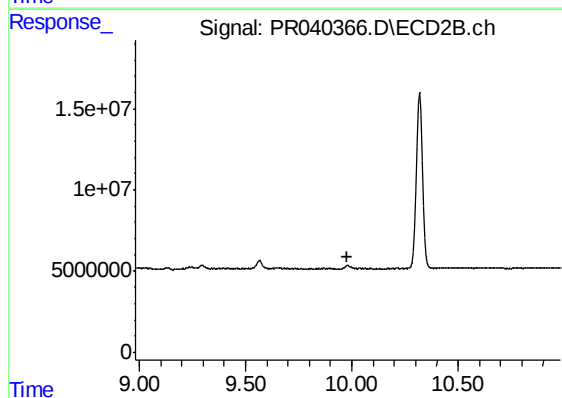
R.T.: 9.565 min
Delta R.T.: -0.001 min
Response: 8621174
Conc: 17.58 ng/ml



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: 0.000 min
Response: 907650
Conc: 0.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.981 min
Response: 0
Conc: N.D.