

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081519\
 Data File : PR040371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 18:08
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1254 LOD SOIL 25PPB
 ALS Vial : 10 Sample Multiplier: 1

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

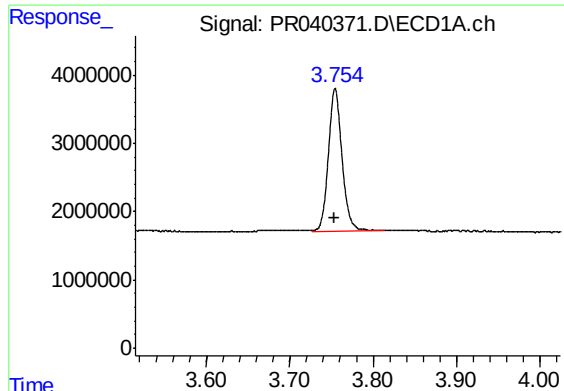
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:11:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.755	4.598	23678637	114.5E6	19.270	18.567
2)	SA Decachlor...	8.678	10.316	60059154	238.9E6	20.848	20.587
Target Compounds							
5)	L1 AR-1016-3	5.049	0.000	1037207	0	23.284	N.D. #
6)	L1 AR-1016-4	5.049	0.000	1037207	0	29.022	N.D. #
7)	L1 AR-1016-5	5.260	0.000	917164	0	18.266	N.D. #
13)	L3 AR-1232-3	5.049	0.000	1037207	0	35.531	N.D. #
14)	L3 AR-1232-4	5.049	0.000	1037207	0	39.859	N.D. #
15)	L3 AR-1232-5	5.260	0.000	917164	0	30.347	N.D. #
18)	L4 AR-1242-3	5.049	0.000	1037207	0	24.402	N.D. #
19)	L4 AR-1242-4	5.049	0.000	1037207	0	25.085	N.D. #
20)	L4 AR-1242-5	5.604	6.593	2949766	5255048	48.038	22.835 #
22)	L5 AR-1248-2	5.049	0.000	1037207	0	19.256	N.D. #
23)	L5 AR-1248-3	5.049	0.000	1037207	0	18.541	N.D. #
24)	L5 AR-1248-4	5.260	6.593	917164	5255048	12.904	14.641
25)	L5 AR-1248-5	5.604	6.593	2949766	5255048	38.166	15.182 #
26)	L6 AR-1254-1	5.604	6.593	2949766	5255048	21.728	13.311 #
27)	L6 AR-1254-2	5.747	6.808	2691421	13098532	22.561	20.718
28)	L6 AR-1254-3	6.144	7.173	4612050	15125157	21.665	20.936
29)	L6 AR-1254-4	6.368	7.454	3395284	12685044	20.597	23.099
30)	L6 AR-1254-5	6.779	7.867	4790884	13818174	23.956	23.154
31)	L7 AR-1260-1	6.270	0.000	2194669	0	19.457	N.D. #
32)	L7 AR-1260-2	6.454	7.583	2207696	6476626	15.189	12.744
33)	L7 AR-1260-3	6.605	0.000	2202265	0	16.406	N.D. #
34)	L7 AR-1260-4	7.110	0.000	1205842	0	9.698	N.D. #
35)	L7 AR-1260-5	7.291	0.000	298045	0	0.945	N.D. #
37)	L8 AR-1262-2	7.291	0.000	298045	0	0.847	N.D. #
38)	L8 AR-1262-3	7.649	0.000	985528	0	7.043	N.D. #
39)	L8 AR-1262-4	7.649	0.000	985528	0	3.713	N.D. #
41)	L9 AR-1268-1	7.649	0.000	985528	0	2.678	N.D. #
42)	L9 AR-1268-2	7.649	0.000	985528	0	2.877	N.D. #

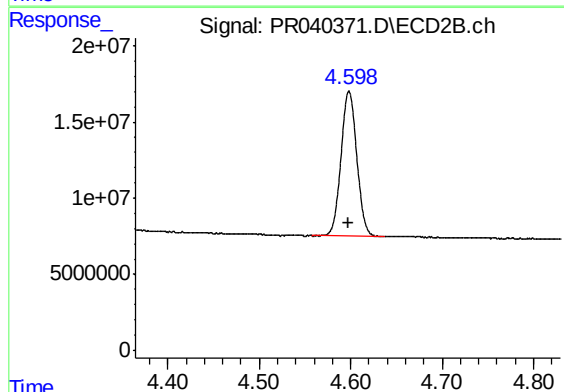
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

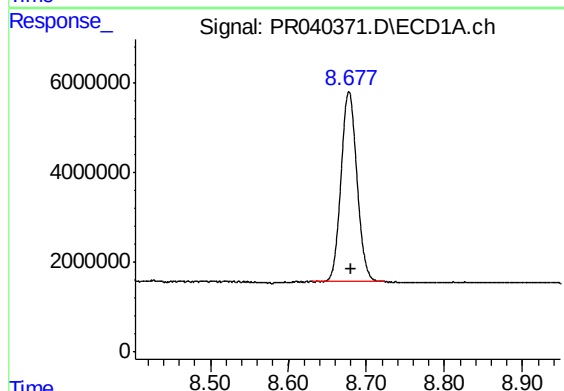
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 23678637
Conc: 19.27 ng/ml

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



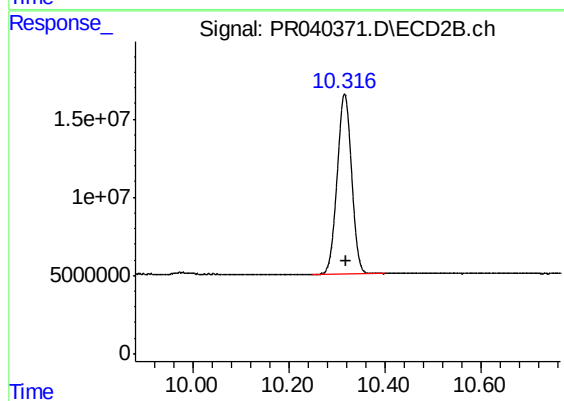
#1 Tetrachloro-m-xylene

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 114514829
Conc: 18.57 ng/ml



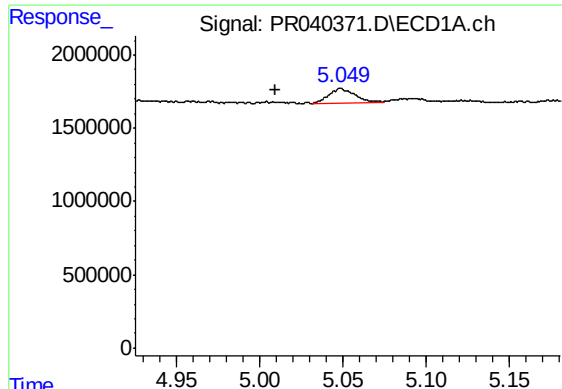
#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 60059154
Conc: 20.85 ng/ml



#2 Decachlorobiphenyl

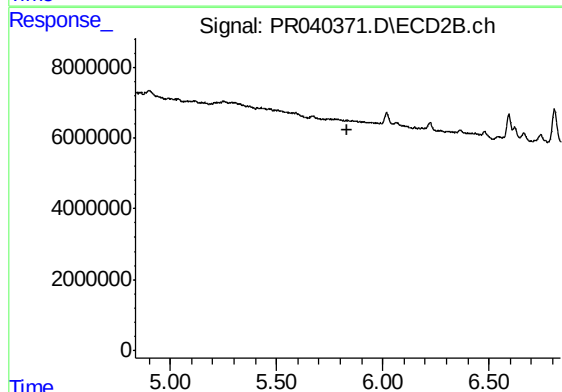
R.T.: 10.316 min
Delta R.T.: -0.003 min
Response: 238943115
Conc: 20.59 ng/ml



#5 AR-1016-3

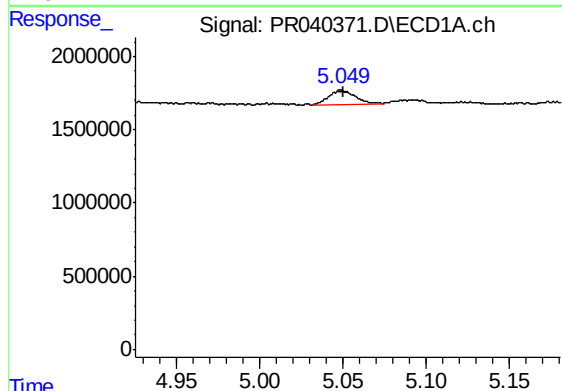
R.T.: 5.049 min
Delta R.T.: 0.040 min
Response: 1037207
Conc: 23.28 ng/ml

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



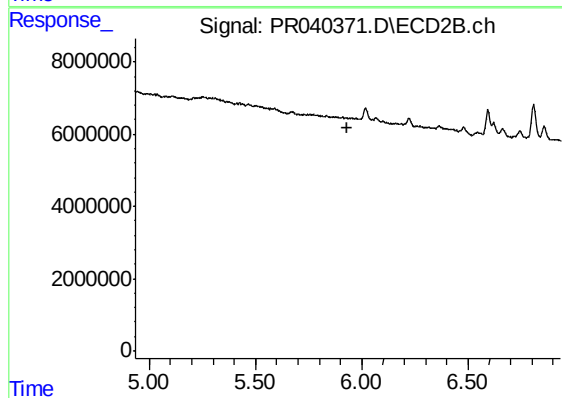
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.836 min
Response: 0
Conc: N.D.



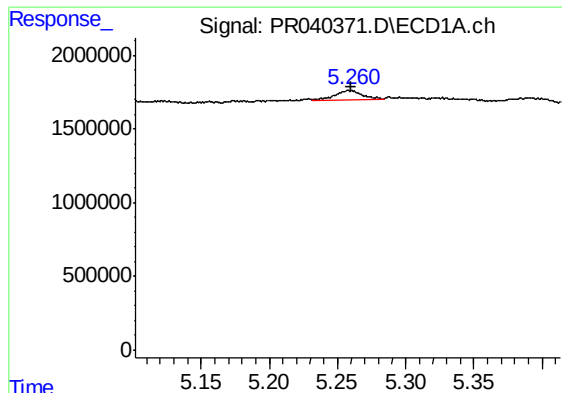
#6 AR-1016-4

R.T.: 5.049 min
Delta R.T.: -0.001 min
Response: 1037207
Conc: 29.02 ng/ml



#6 AR-1016-4

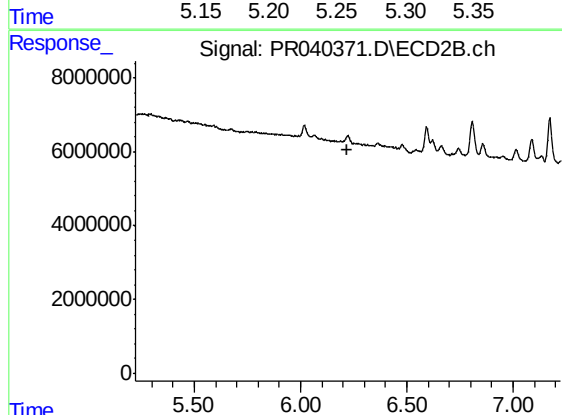
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#7 AR-1016-5

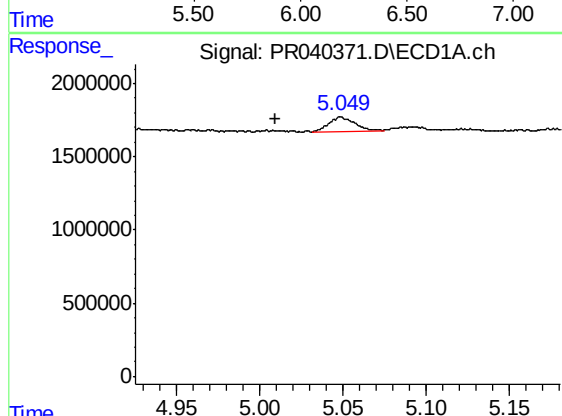
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 917164
Conc: 18.27 ng/ml

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



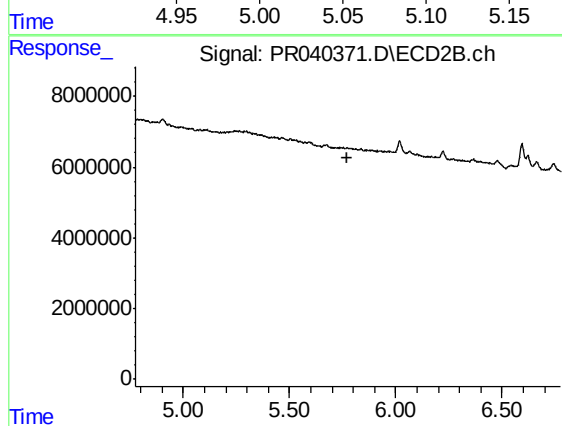
#7 AR-1016-5

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



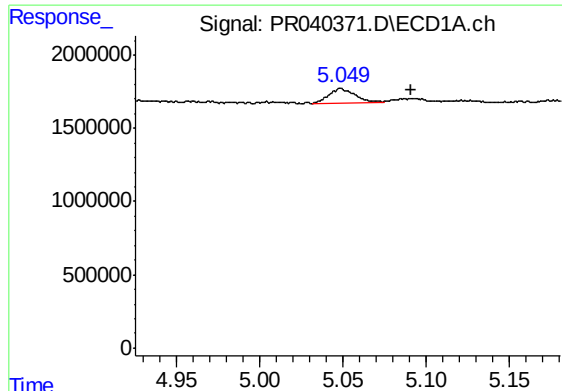
#13 AR-1232-3

R.T.: 5.049 min
Delta R.T.: 0.039 min
Response: 1037207
Conc: 35.53 ng/ml



#13 AR-1232-3

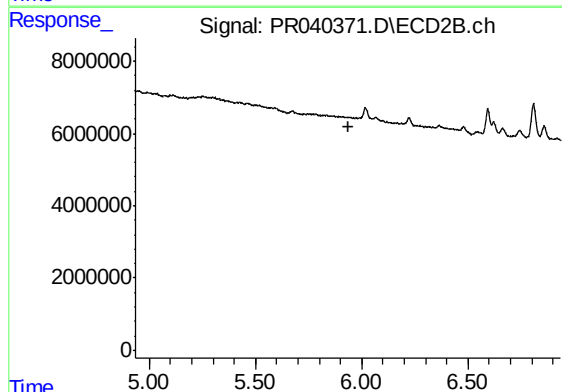
R.T.: 0.000 min
Exp R.T. : 5.775 min
Response: 0
Conc: N.D.



#14 AR-1232-4

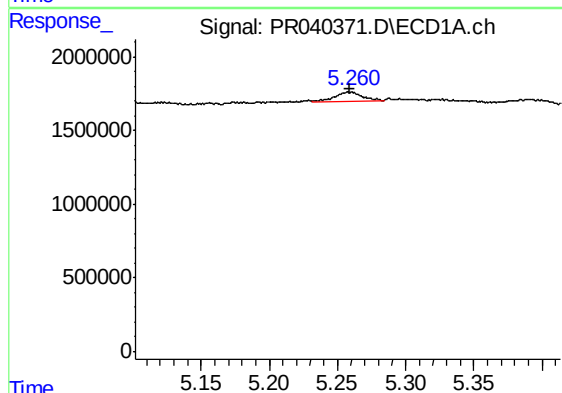
R.T.: 5.049 min
Delta R.T.: -0.042 min
Response: 1037207
Conc: 39.86 ng/ml

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



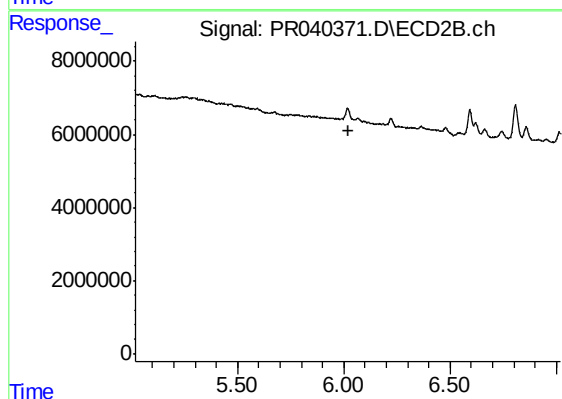
#14 AR-1232-4

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



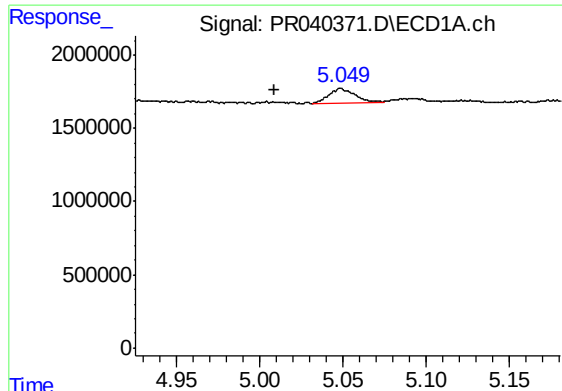
#15 AR-1232-5

R.T.: 5.260 min
Delta R.T.: 0.001 min
Response: 917164
Conc: 30.35 ng/ml



#15 AR-1232-5

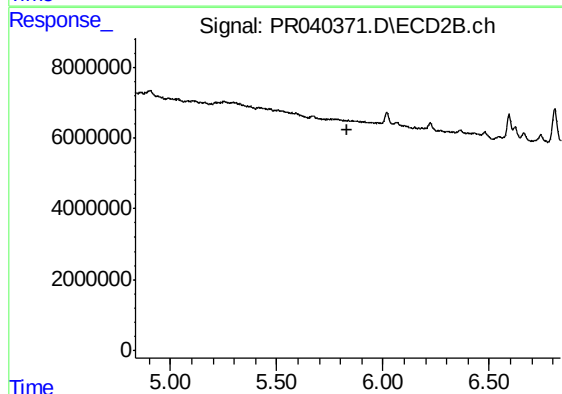
R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#18 AR-1242-3

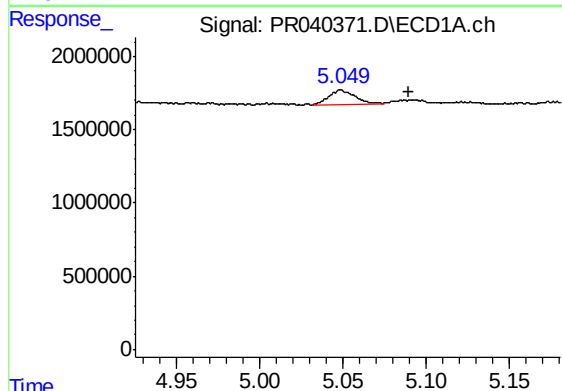
R.T.: 5.049 min
Delta R.T.: 0.040 min
Response: 1037207
Conc: 24.40 ng/ml

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



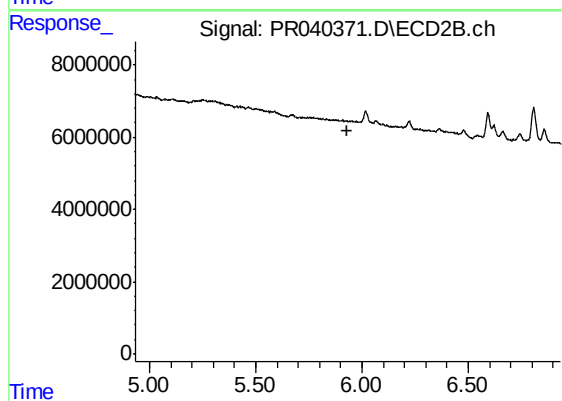
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.835 min
Response: 0
Conc: N.D.



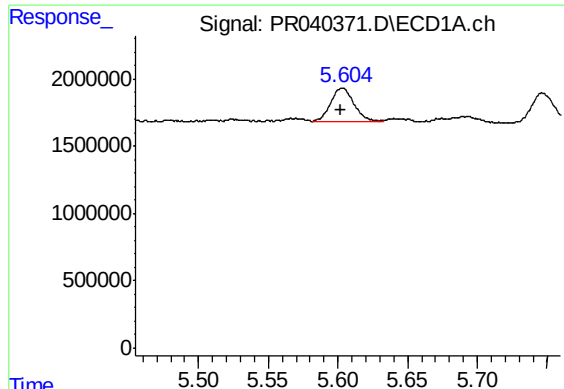
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.041 min
Response: 1037207
Conc: 25.09 ng/ml



#19 AR-1242-4

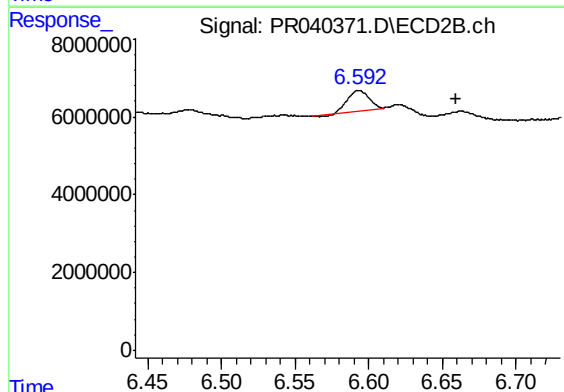
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#20 AR-1242-5

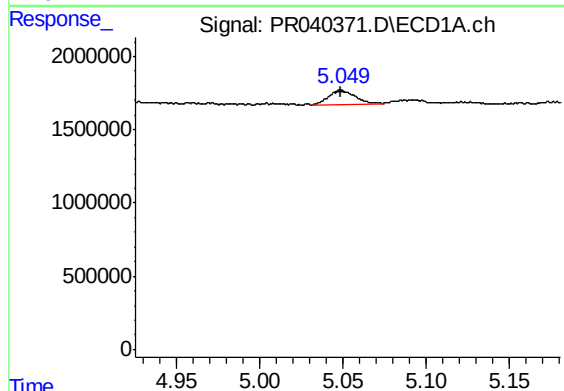
R.T.: 5.604 min
Delta R.T.: 0.001 min
Response: 2949766
Conc: 48.04 ng/ml

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



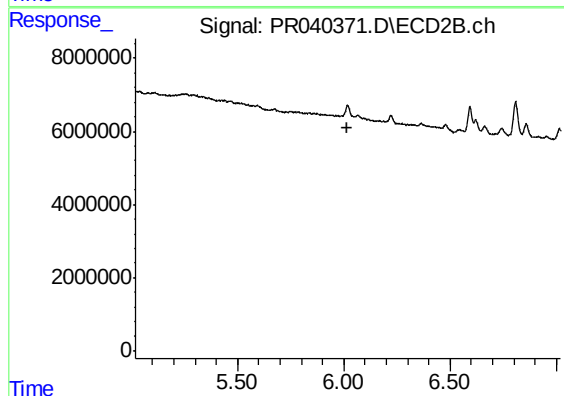
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.066 min
Response: 5255048
Conc: 22.83 ng/ml



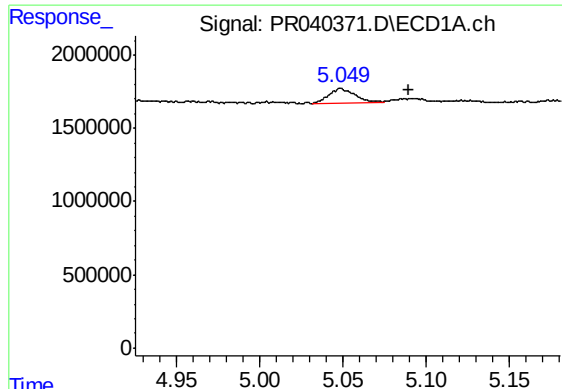
#22 AR-1248-2

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 1037207
Conc: 19.26 ng/ml



#22 AR-1248-2

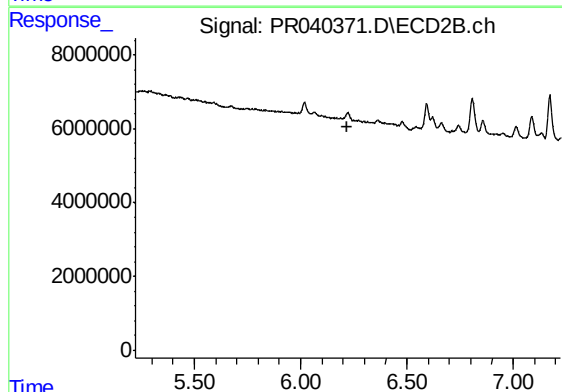
R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

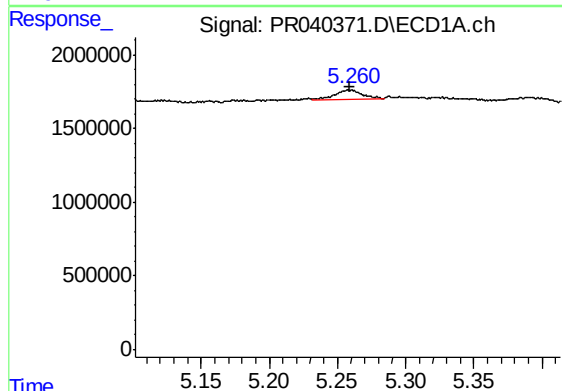
R.T.: 5.049 min
Delta R.T.: -0.041 min
Response: 1037207
Conc: 18.54 ng/ml

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



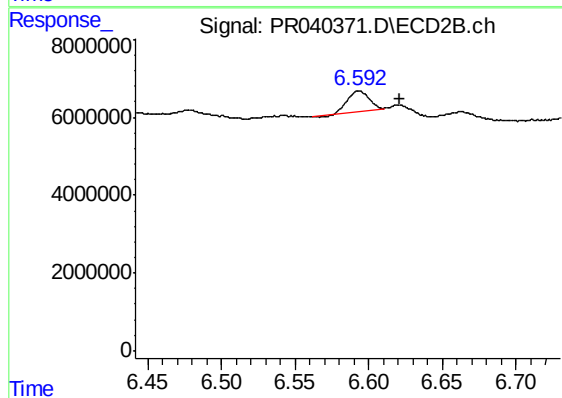
#23 AR-1248-3

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



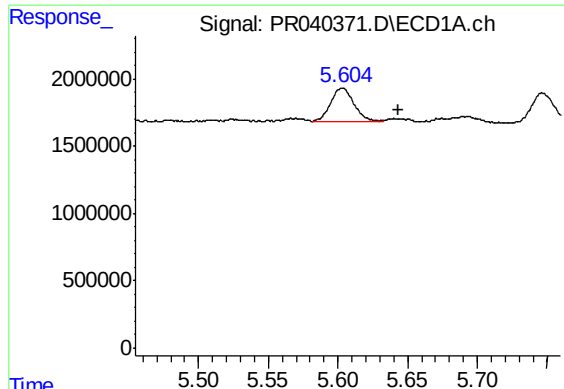
#24 AR-1248-4

R.T.: 5.260 min
Delta R.T.: 0.002 min
Response: 917164
Conc: 12.90 ng/ml



#24 AR-1248-4

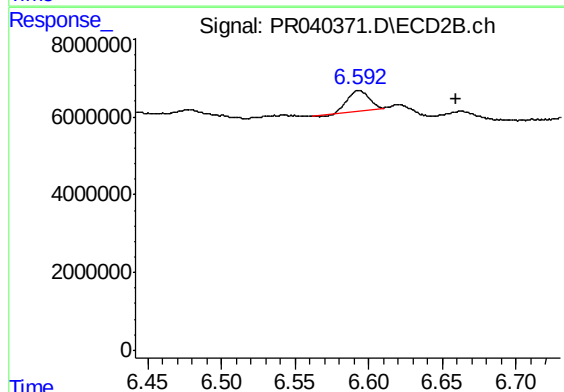
R.T.: 6.593 min
Delta R.T.: -0.028 min
Response: 5255048
Conc: 14.64 ng/ml



#25 AR-1248-5

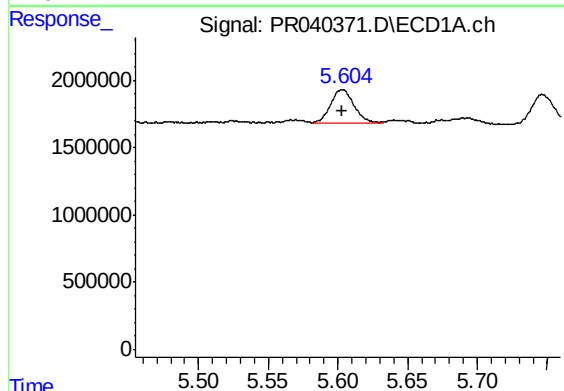
R.T.: 5.604 min
Delta R.T.: -0.039 min
Response: 2949766
Conc: 38.17 ng/ml

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



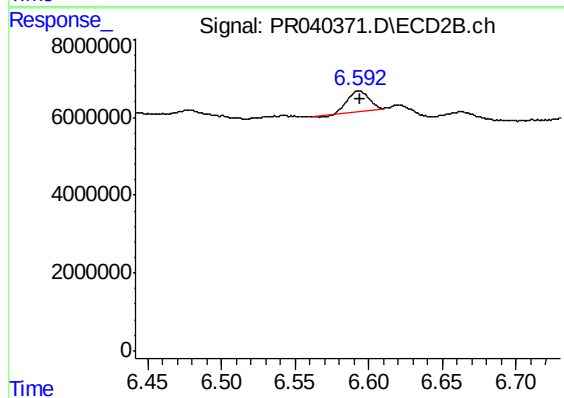
#25 AR-1248-5

R.T.: 6.593 min
Delta R.T.: -0.066 min
Response: 5255048
Conc: 15.18 ng/ml



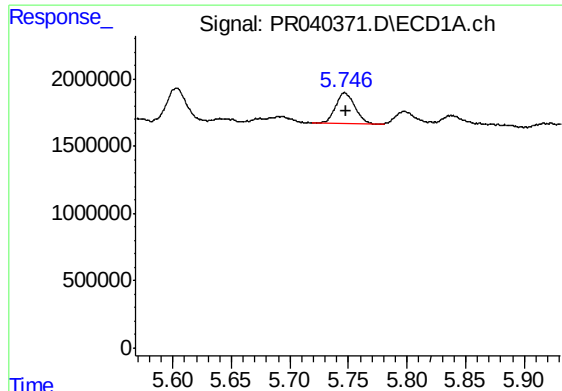
#26 AR-1254-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 2949766
Conc: 21.73 ng/ml



#26 AR-1254-1

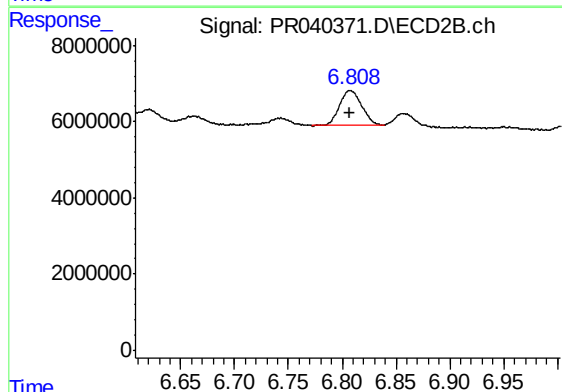
R.T.: 6.593 min
Delta R.T.: -0.001 min
Response: 5255048
Conc: 13.31 ng/ml



#27 AR-1254-2

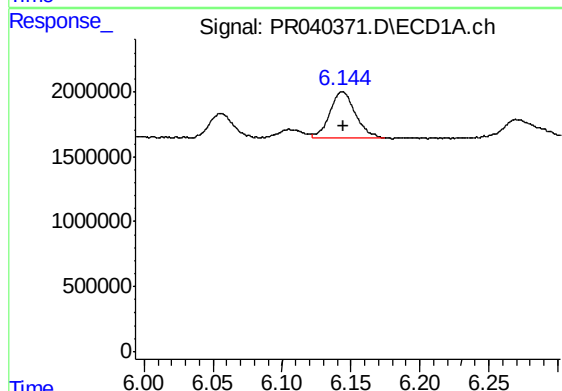
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 2691421
Conc: 22.56 ng/ml

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



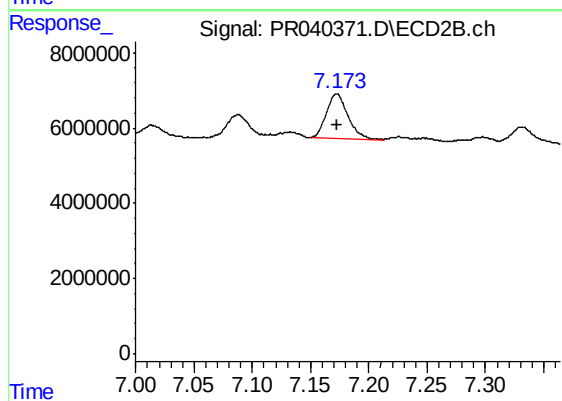
#27 AR-1254-2

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 13098532
Conc: 20.72 ng/ml



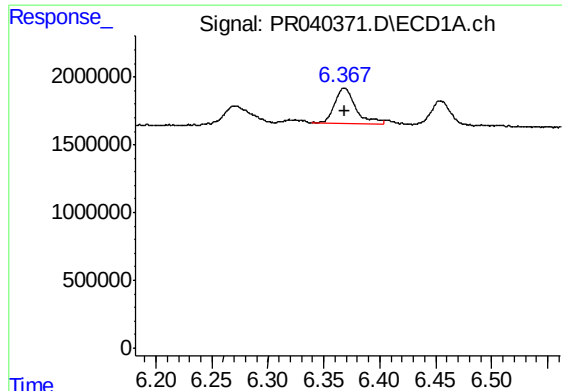
#28 AR-1254-3

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 4612050
Conc: 21.66 ng/ml



#28 AR-1254-3

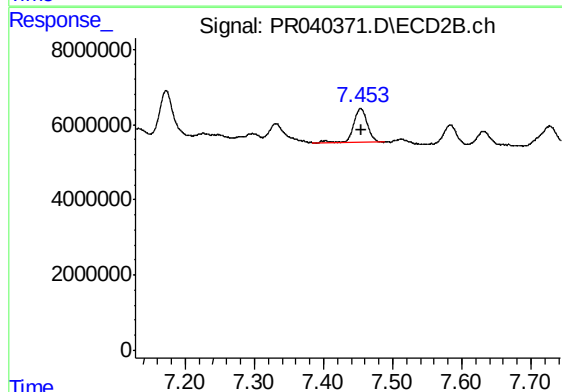
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 15125157
Conc: 20.94 ng/ml



#29 AR-1254-4

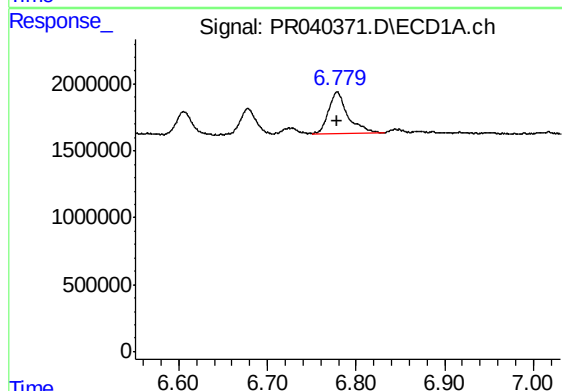
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 3395284
Conc: 20.60 ng/ml

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



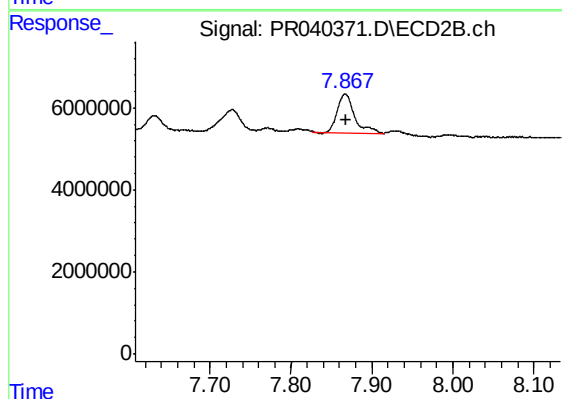
#29 AR-1254-4

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 12685044
Conc: 23.10 ng/ml



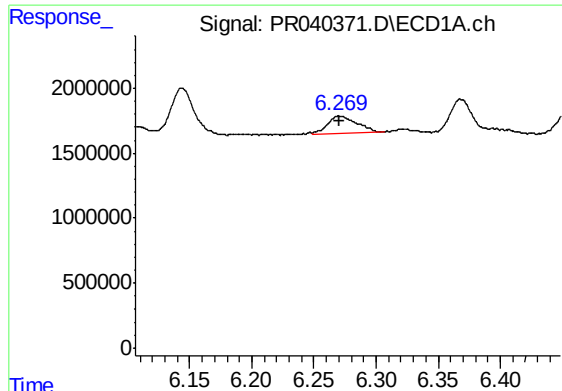
#30 AR-1254-5

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 4790884
Conc: 23.96 ng/ml



#30 AR-1254-5

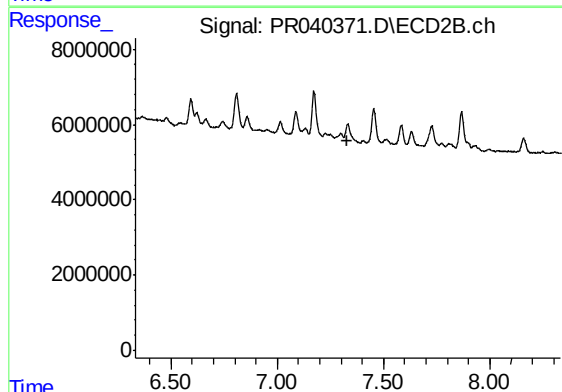
R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 13818174
Conc: 23.15 ng/ml



#31 AR-1260-1

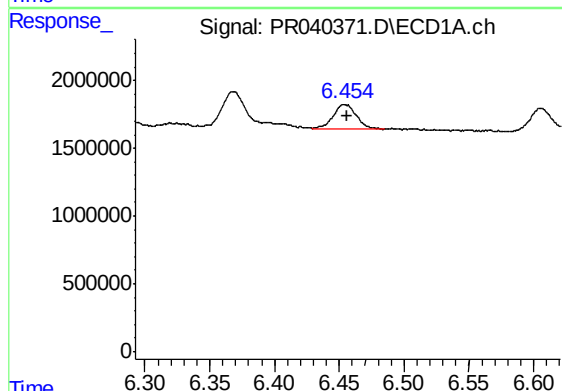
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 2194669
Conc: 19.46 ng/ml

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



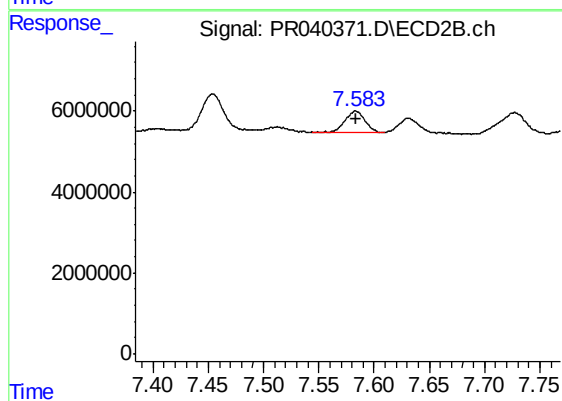
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.332 min
Response: 0
Conc: N.D.



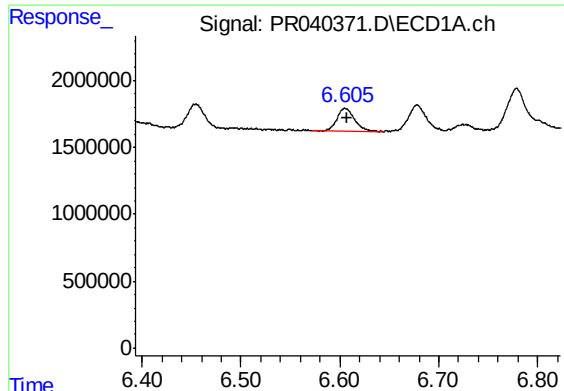
#32 AR-1260-2

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 2207696
Conc: 15.19 ng/ml



#32 AR-1260-2

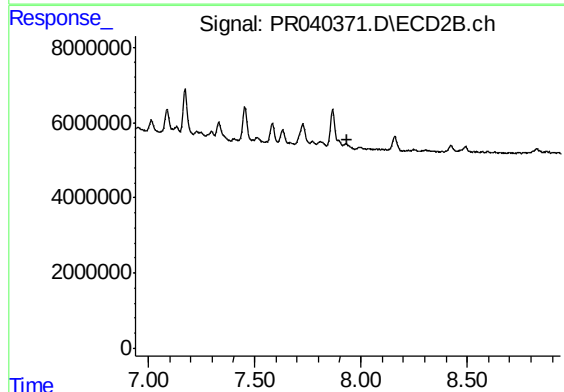
R.T.: 7.583 min
Delta R.T.: -0.001 min
Response: 6476626
Conc: 12.74 ng/ml



#33 AR-1260-3

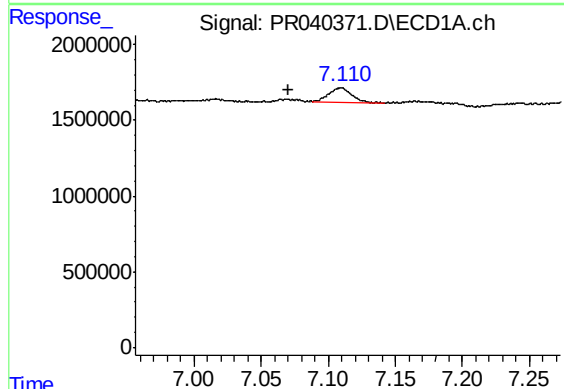
R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 2202265
Conc: 16.41 ng/ml

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



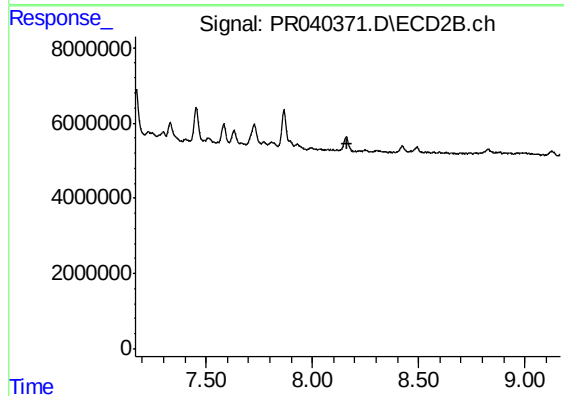
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.939 min
Response: 0
Conc: N.D.



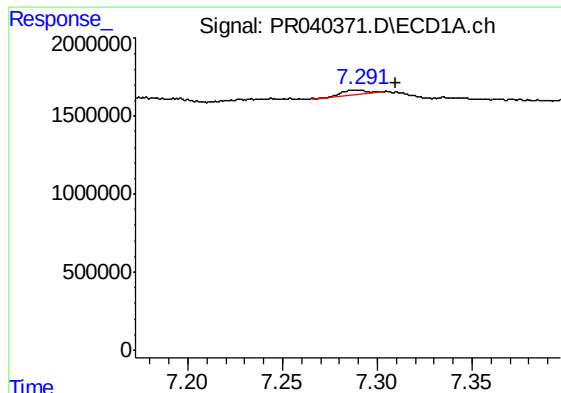
#34 AR-1260-4

R.T.: 7.110 min
Delta R.T.: 0.040 min
Response: 1205842
Conc: 9.70 ng/ml



#34 AR-1260-4

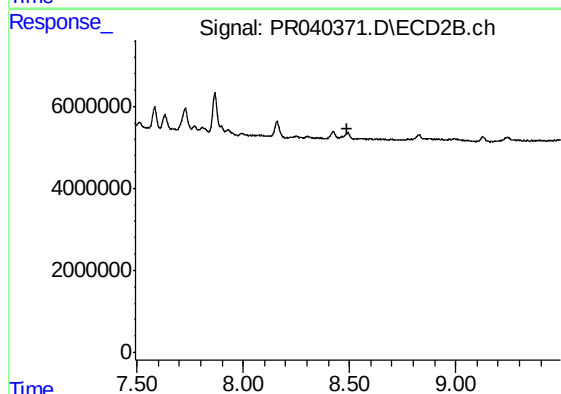
R.T.: 0.000 min
Exp R.T. : 8.168 min
Response: 0
Conc: N.D.



#35 AR-1260-5

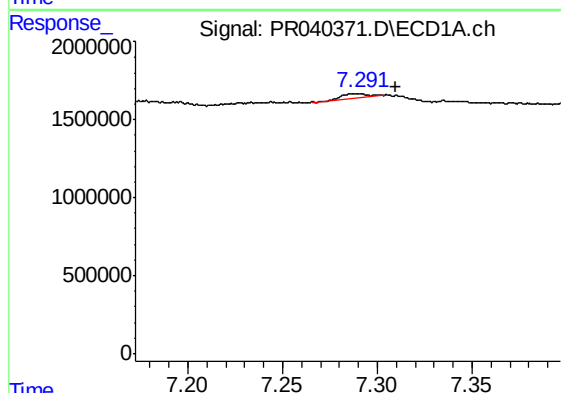
R.T.: 7.291 min
Delta R.T.: -0.019 min
Response: 298045
Conc: 0.95 ng/ml

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



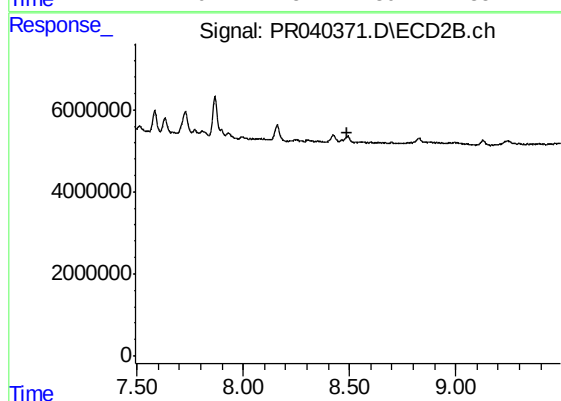
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.493 min
Response: 0
Conc: N.D.



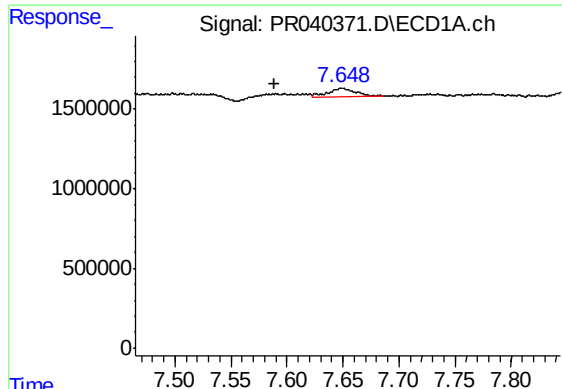
#37 AR-1262-2

R.T.: 7.291 min
Delta R.T.: -0.019 min
Response: 298045
Conc: 0.85 ng/ml



#37 AR-1262-2

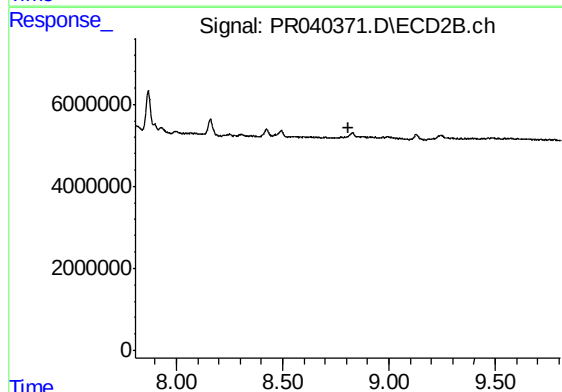
R.T.: 0.000 min
Exp R.T. : 8.492 min
Response: 0
Conc: N.D.



#38 AR-1262-3

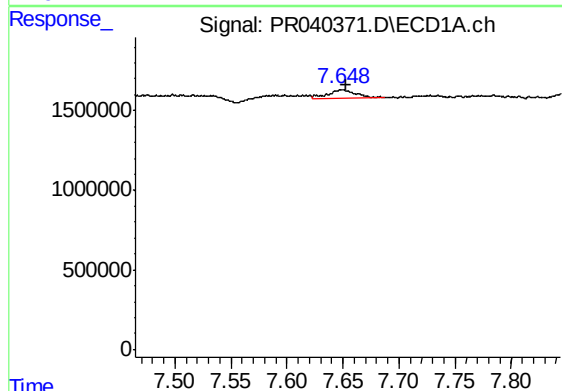
R.T.: 7.649 min
Delta R.T.: 0.061 min
Response: 985528
Conc: 7.04 ng/ml

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



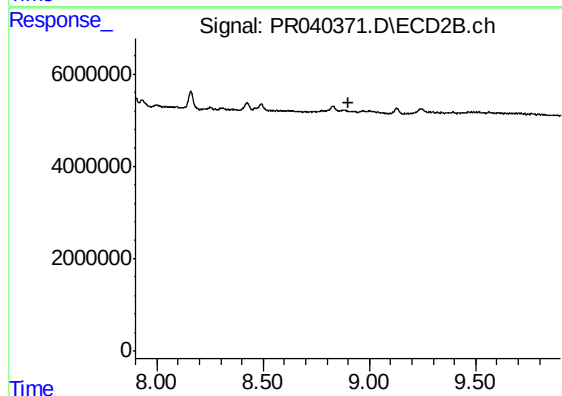
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.807 min
Response: 0
Conc: N.D.



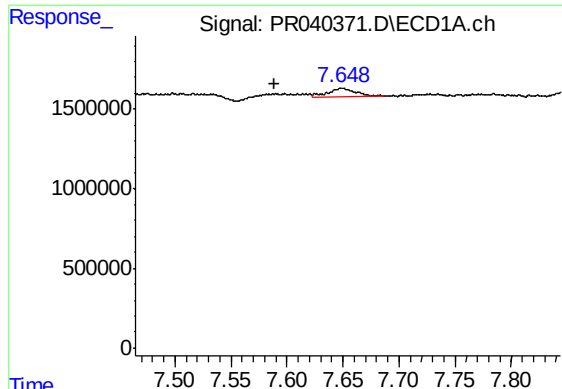
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 985528
Conc: 3.71 ng/ml



#39 AR-1262-4

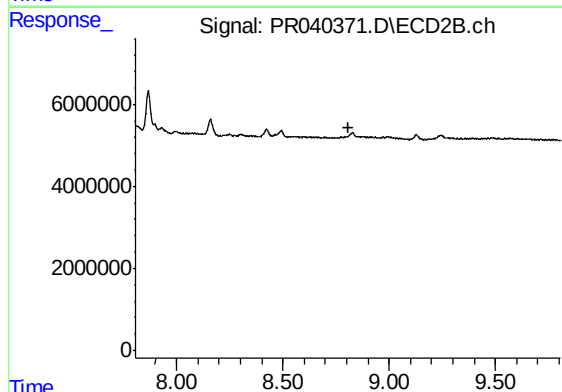
R.T.: 0.000 min
Exp R.T. : 8.899 min
Response: 0
Conc: N.D.



#41 AR-1268-1

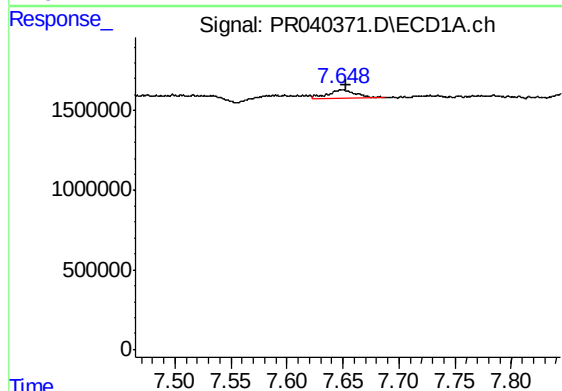
R.T.: 7.649 min
Delta R.T.: 0.060 min
Response: 985528
Conc: 2.68 ng/ml

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



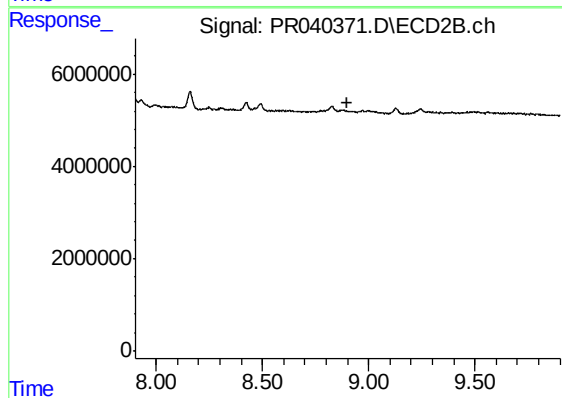
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.807 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 985528
Conc: 2.88 ng/ml



#42 AR-1268-2

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