

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081519\
 Data File : PR040387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 22:28
 Operator : SM\AJ
 Sample : K3591-02
 Misc : AR1660 LOQ SOIL 50PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:18:54 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	13400542	64275592	10.905	10.421
2)	SA Decachlor...	8.678	10.317	57769177	228.1E6	20.053	19.657
Target Compounds							
3)	L1 AR-1016-1	4.820	5.753	1882482	7828543	34.972	31.373
4)	L1 AR-1016-2	4.837	5.774	2720692	12896953	30.087	33.063
5)	L1 AR-1016-3	5.009	5.836	1427649	7640353	32.049	31.193
6)	L1 AR-1016-4	5.051	5.935	1199910	6323460	33.575	31.912
7)	L1 AR-1016-5	5.258	6.223	2004774	5324980	39.927	27.397 #
10)	L2 AR-1221-3	4.126	0.000	892238	0	21.098	N.D. #
11)	L3 AR-1232-1	4.126	0.000	892238	0	19.522	N.D. #
12)	L3 AR-1232-2	4.837	0.000	2720692	0	43.886	N.D. #
13)	L3 AR-1232-3	5.009	5.774	1427649	12896953	48.907	50.576
14)	L3 AR-1232-4	5.089	5.935	1301265	6323460	50.006	49.083
15)	L3 AR-1232-5	5.258	0.000	2004774	0	66.335	N.D. #
16)	L4 AR-1242-1	4.820	5.753	1882482	7828543	37.232	32.383
17)	L4 AR-1242-2	4.837	5.774	2720692	12896953	31.922	34.787
18)	L4 AR-1242-3	5.009	5.836	1427649	7640353	33.588	33.610
19)	L4 AR-1242-4	5.089	5.935	1301265	6323460	31.471	33.454
20)	L4 AR-1242-5	5.604	0.000	1300029	0	21.172	N.D. #
21)	L5 AR-1248-1	4.820	5.753	1882482	7828543	50.059	46.766
22)	L5 AR-1248-2	5.051	0.000	1199910	0	22.277	N.D. #
23)	L5 AR-1248-3	5.089	6.223	1301265	5324980	23.261	18.535
24)	L5 AR-1248-4	5.258	0.000	2004774	0	28.205	N.D. #
25)	L5 AR-1248-5	5.604	0.000	1300029	0	16.821	N.D. #
26)	L6 AR-1254-1	5.604	0.000	1300029	0	9.576	N.D. #
27)	L6 AR-1254-2	5.747	0.000	1481314	0	12.417	N.D. #
28)	L6 AR-1254-3	6.157	7.225	2916114	9060618	13.698	12.542
29)	L6 AR-1254-4	6.395	0.000	1121552	0	6.804	N.D. #
30)	L6 AR-1254-5	6.778	7.866	7451231	25378673	37.258	42.525
31)	L7 AR-1260-1	6.271	7.331	4999608	16862920	44.324	40.966
32)	L7 AR-1260-2	6.455	7.583	6906650	20777180	47.519	40.882
33)	L7 AR-1260-3	6.606	7.938	6053056	17908925	45.093	43.752
34)	L7 AR-1260-4	7.070	8.166	5732050	21842146	46.100	45.805
35)	L7 AR-1260-5	7.309	8.491	14048269	46383191	44.551	44.717
36)	L8 AR-1262-1	6.868	7.938	2744652	17908925	40.347	29.956 #
37)	L8 AR-1262-2	7.309	8.491	14048269	46383191	39.926	38.985
38)	L8 AR-1262-3	7.587	8.826	4301078	31822205	30.739	39.316 #
39)	L8 AR-1262-4	7.650	8.880	11918660	20618400	44.905	33.214 #
40)	L8 AR-1262-5	8.142	9.563	4541014	17068519	34.497	36.136
41)	L9 AR-1268-1	7.587	8.826	4301078	31822205	11.690	24.316 #
42)	L9 AR-1268-2	7.650	8.880	11918660	20618400	34.789	16.560 #
44)	L9 AR-1268-4	8.142	9.563	4541014	17068519	33.548	34.797
45)	L9 AR-1268-5	8.429	0.000	1604736	0	1.556	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081519\
Data File : PR040387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2019 22:28
Operator : SM\AJ
Sample : K3591-02
Misc : AR1660 LOQ SOIL 50PPB
ALS Vial : 22 Sample Multiplier: 1

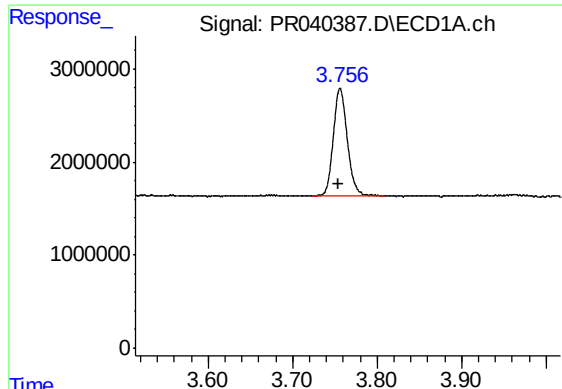
Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 05:18:54 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

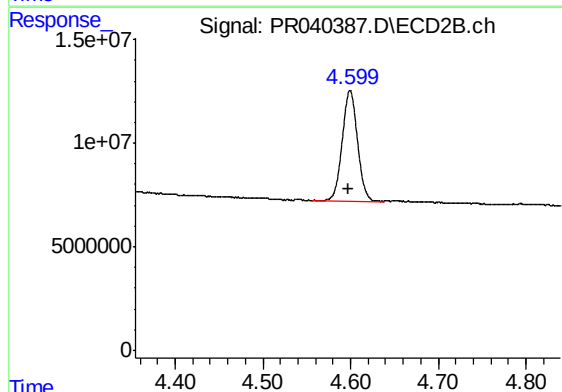
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

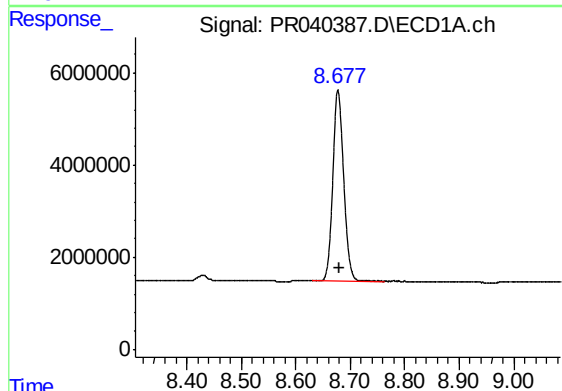
R.T.: 3.756 min
Delta R.T.: 0.002 min
Response: 13400542
Conc: 10.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



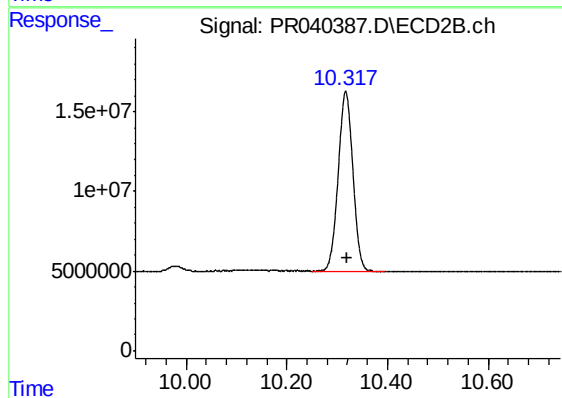
#1 Tetrachloro-m-xylene

R.T.: 4.599 min
Delta R.T.: 0.001 min
Response: 64275592
Conc: 10.42 ng/ml



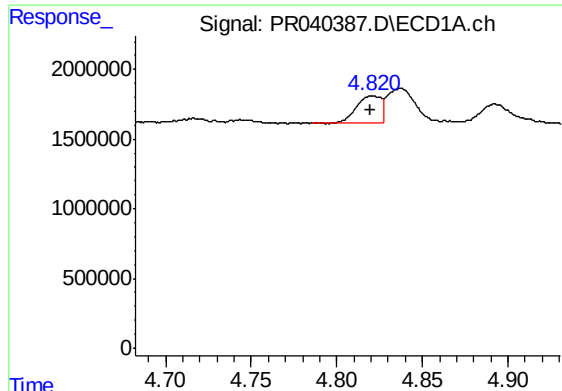
#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 57769177
Conc: 20.05 ng/ml



#2 Decachlorobiphenyl

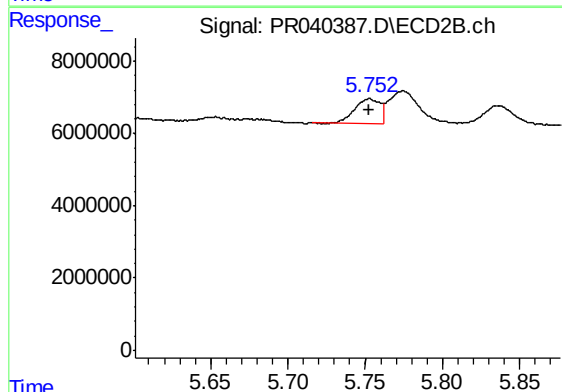
R.T.: 10.317 min
Delta R.T.: -0.002 min
Response: 228144814
Conc: 19.66 ng/ml



#3 AR-1016-1

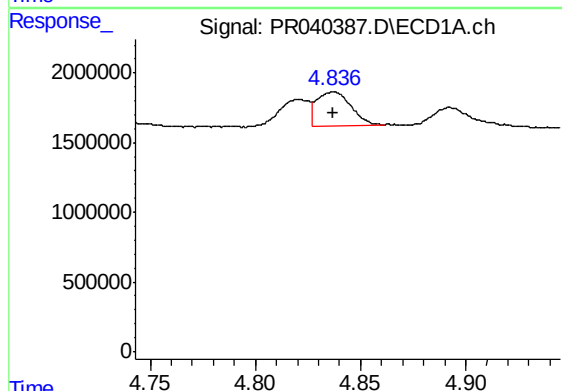
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 1882482
Conc: 34.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



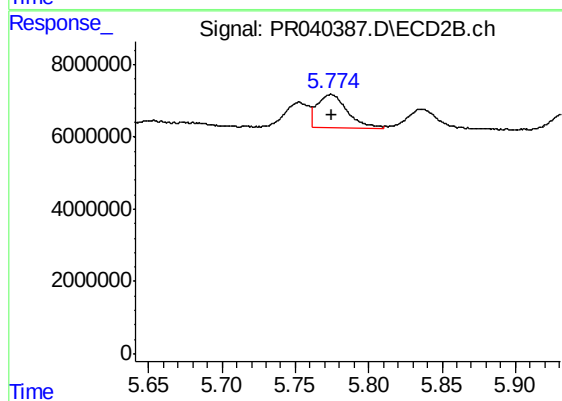
#3 AR-1016-1

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 7828543
Conc: 31.37 ng/ml



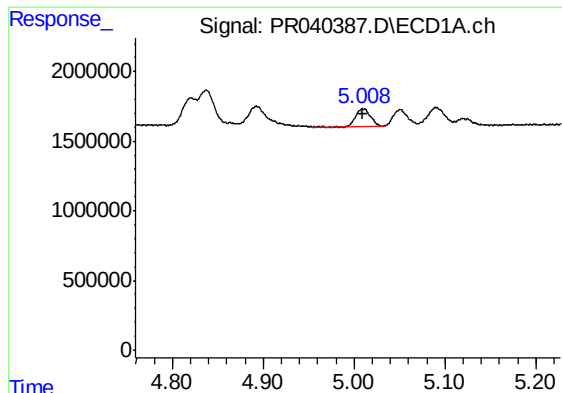
#4 AR-1016-2

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 2720692
Conc: 30.09 ng/ml



#4 AR-1016-2

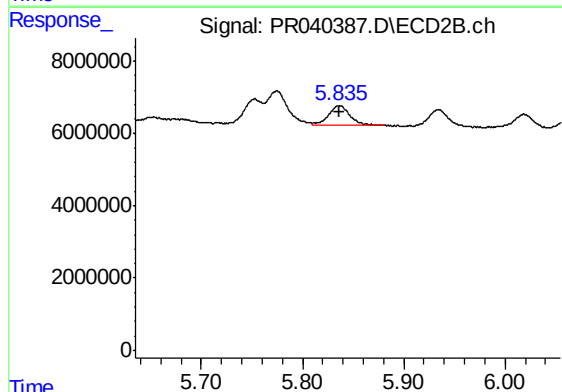
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 12896953
Conc: 33.06 ng/ml



#5 AR-1016-3

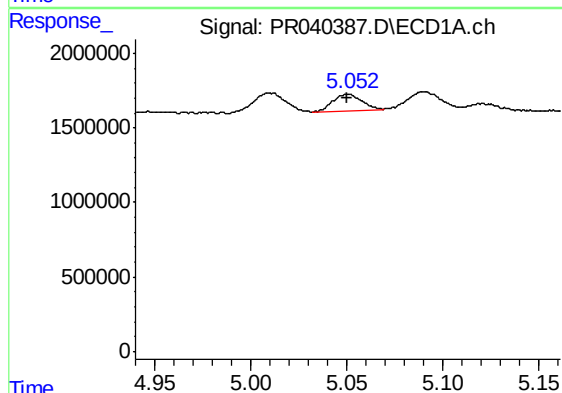
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1427649
Conc: 32.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



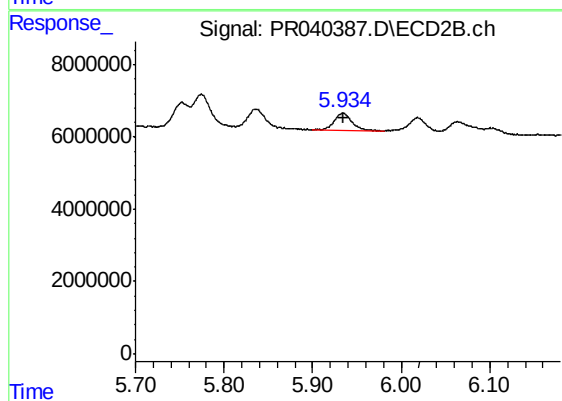
#5 AR-1016-3

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 7640353
Conc: 31.19 ng/ml



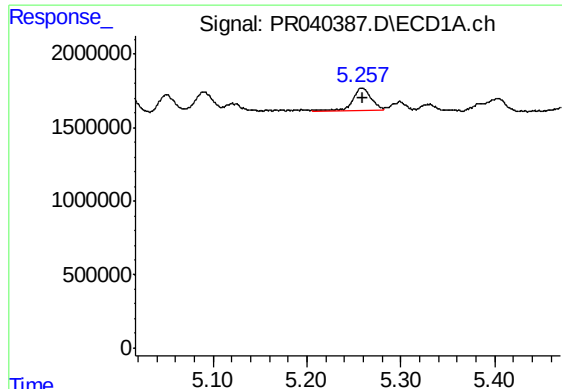
#6 AR-1016-4

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 1199910
Conc: 33.57 ng/ml



#6 AR-1016-4

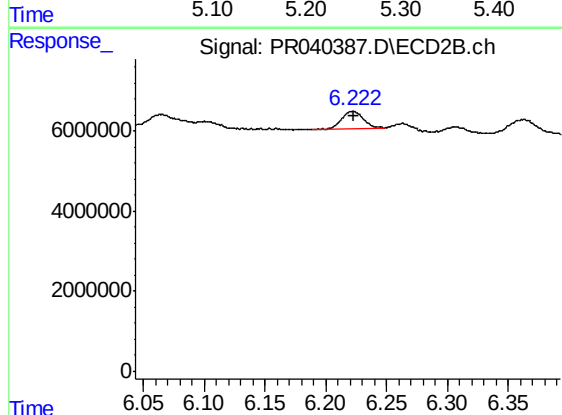
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 6323460
Conc: 31.91 ng/ml



#7 AR-1016-5

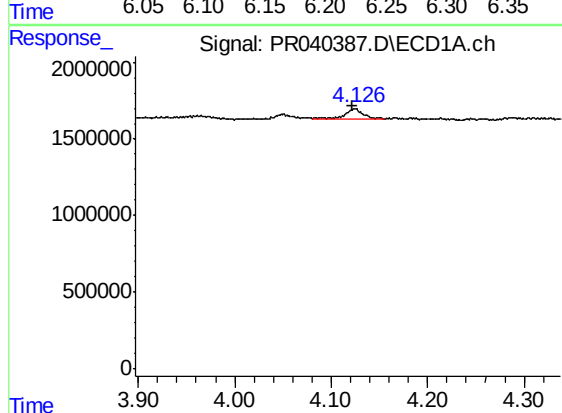
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 2004774
Conc: 39.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



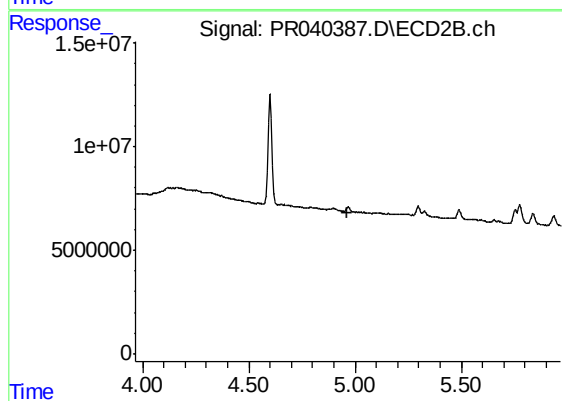
#7 AR-1016-5

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 5324980
Conc: 27.40 ng/ml



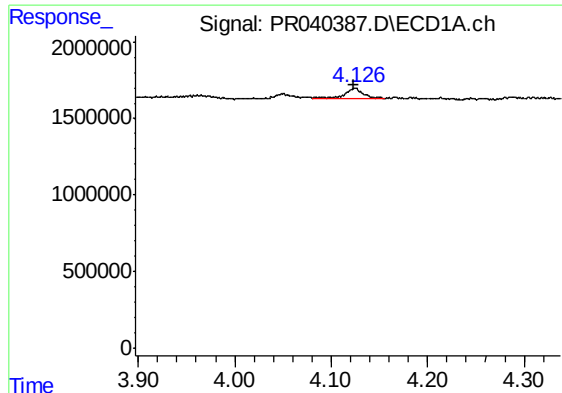
#10 AR-1221-3

R.T.: 4.126 min
Delta R.T.: 0.003 min
Response: 892238
Conc: 21.10 ng/ml



#10 AR-1221-3

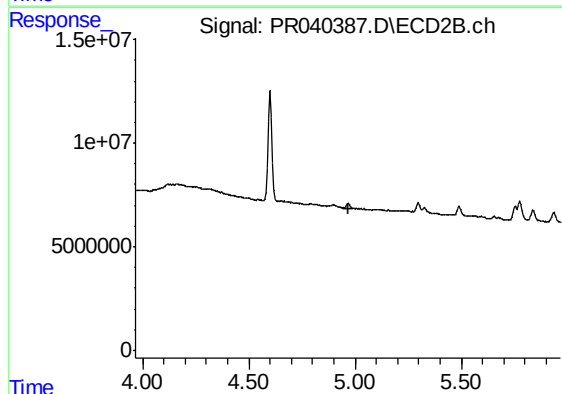
R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



#11 AR-1232-1

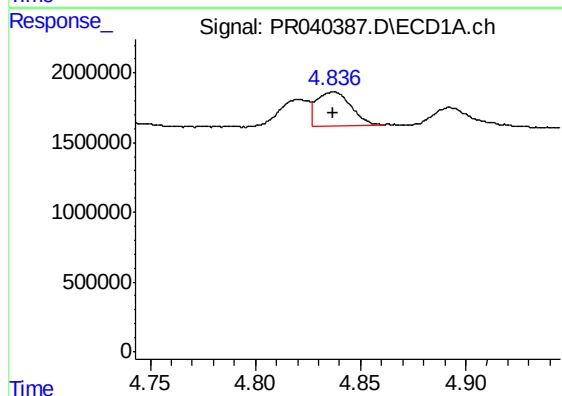
R.T.: 4.126 min
Delta R.T.: 0.003 min
Response: 892238
Conc: 19.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



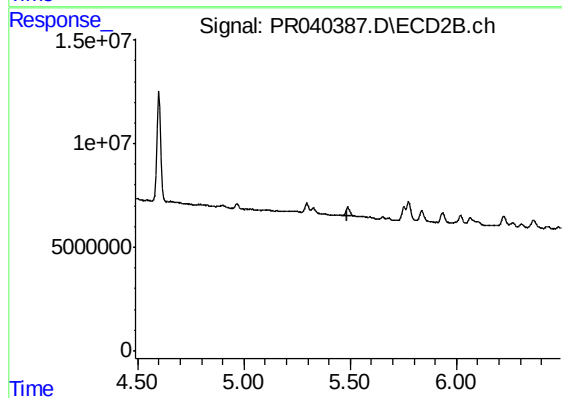
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



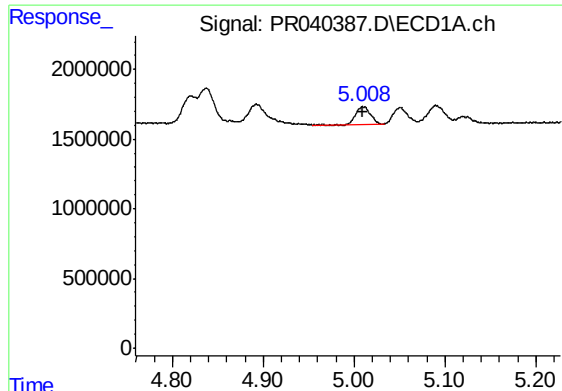
#12 AR-1232-2

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 2720692
Conc: 43.89 ng/ml



#12 AR-1232-2

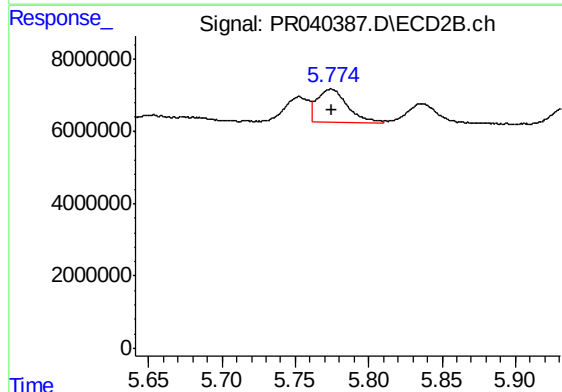
R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.



#13 AR-1232-3

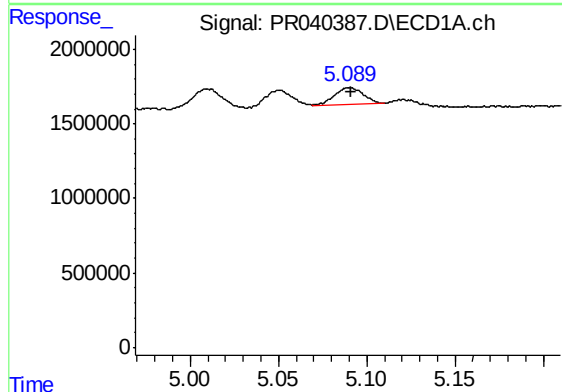
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1427649
Conc: 48.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



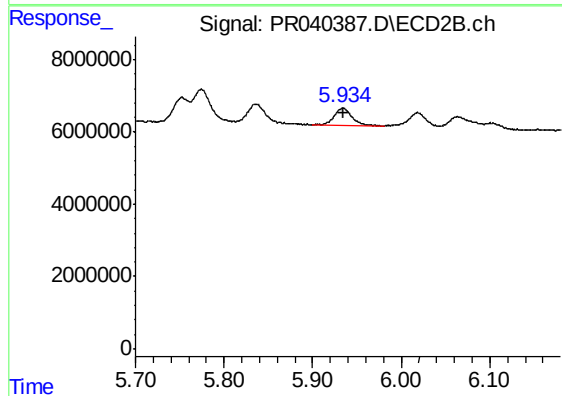
#13 AR-1232-3

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 12896953
Conc: 50.58 ng/ml



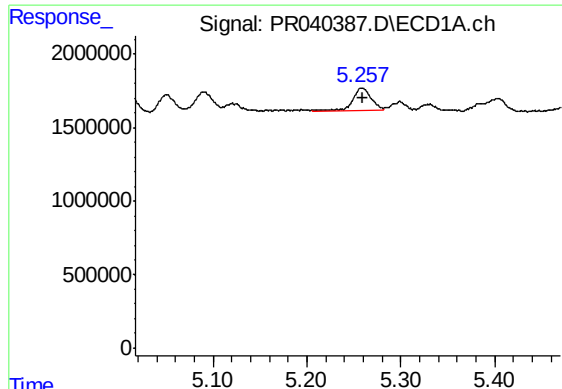
#14 AR-1232-4

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 1301265
Conc: 50.01 ng/ml



#14 AR-1232-4

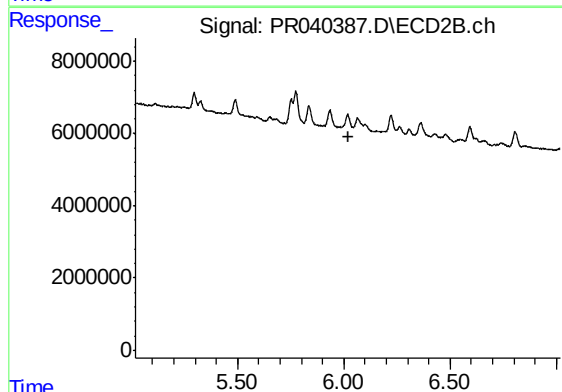
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 6323460
Conc: 49.08 ng/ml



#15 AR-1232-5

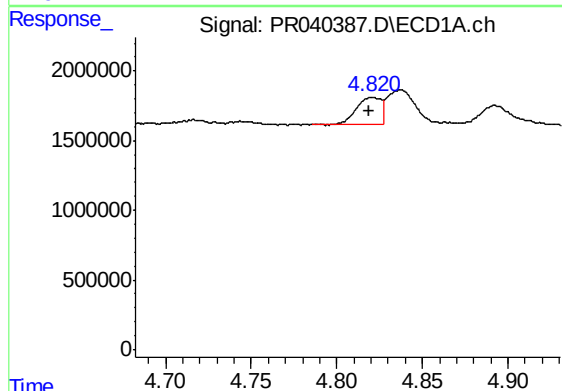
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 2004774
Conc: 66.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



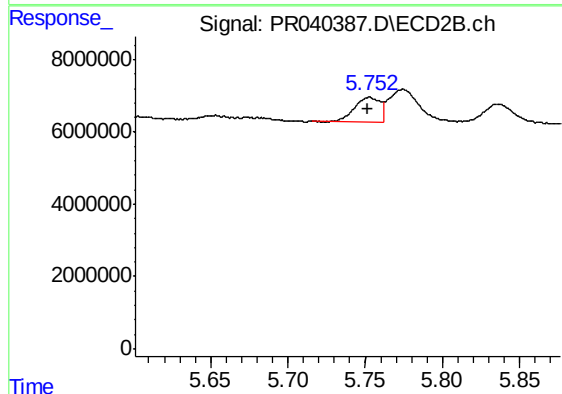
#15 AR-1232-5

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



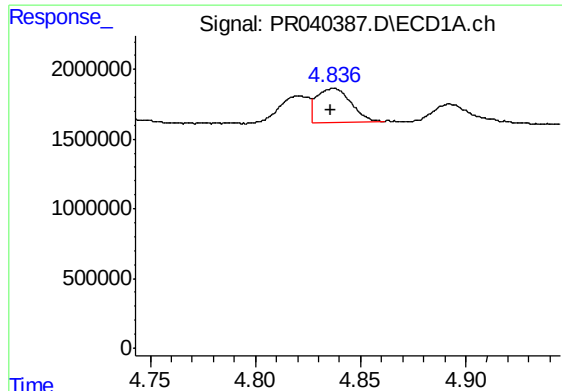
#16 AR-1242-1

R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 1882482
Conc: 37.23 ng/ml



#16 AR-1242-1

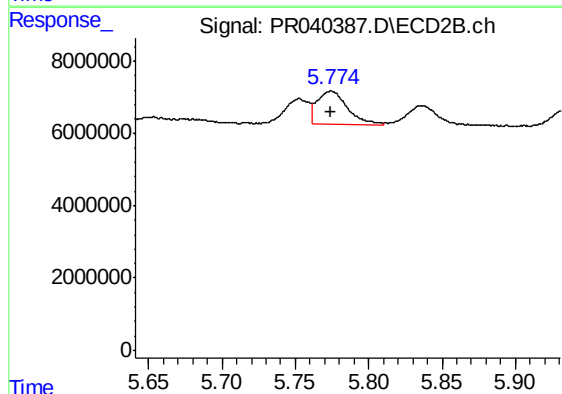
R.T.: 5.753 min
Delta R.T.: 0.001 min
Response: 7828543
Conc: 32.38 ng/ml



#17 AR-1242-2

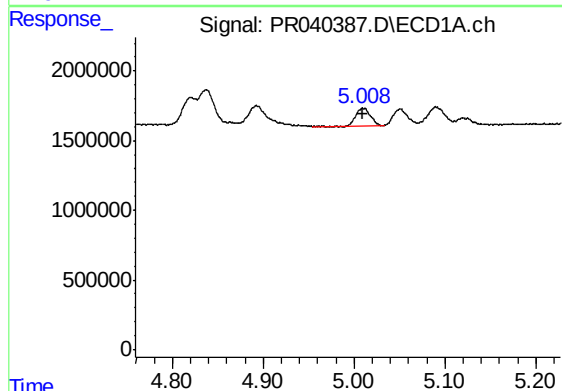
R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 2720692
Conc: 31.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



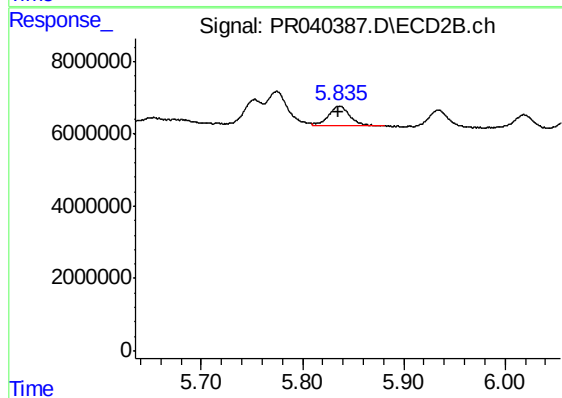
#17 AR-1242-2

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 12896953
Conc: 34.79 ng/ml



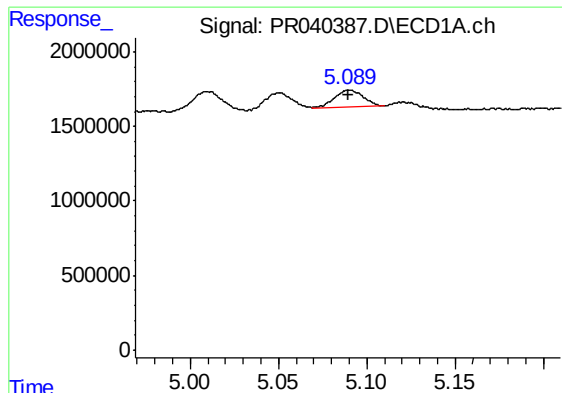
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1427649
Conc: 33.59 ng/ml



#18 AR-1242-3

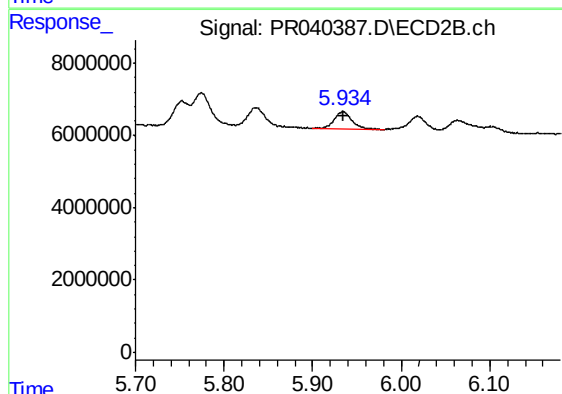
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 7640353
Conc: 33.61 ng/ml



#19 AR-1242-4

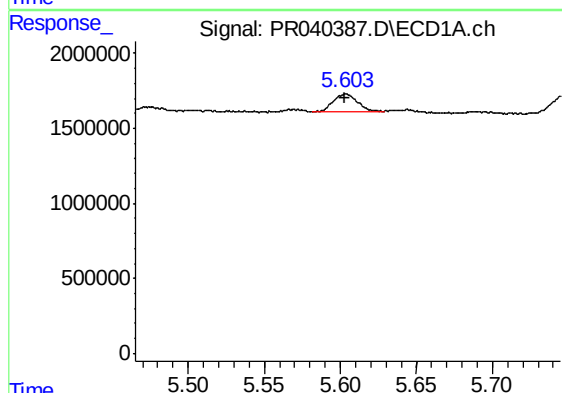
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 1301265
Conc: 31.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



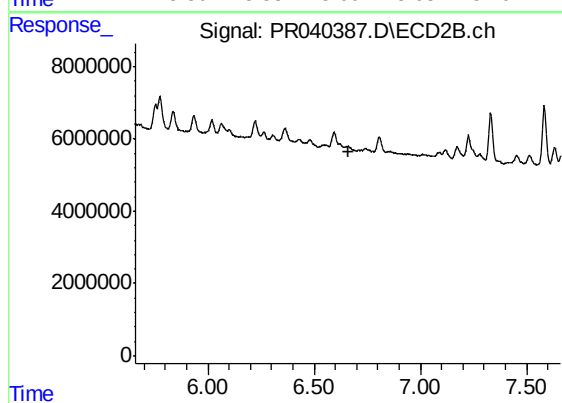
#19 AR-1242-4

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 6323460
Conc: 33.45 ng/ml



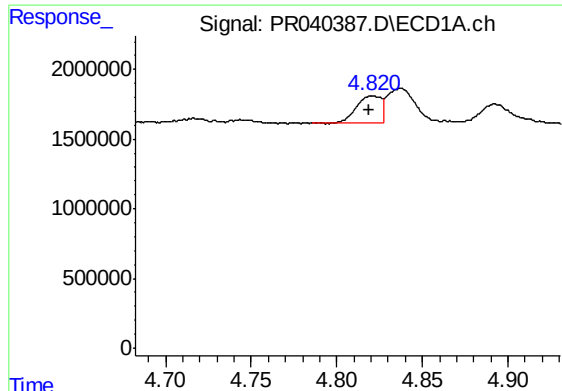
#20 AR-1242-5

R.T.: 5.604 min
Delta R.T.: 0.001 min
Response: 1300029
Conc: 21.17 ng/ml



#20 AR-1242-5

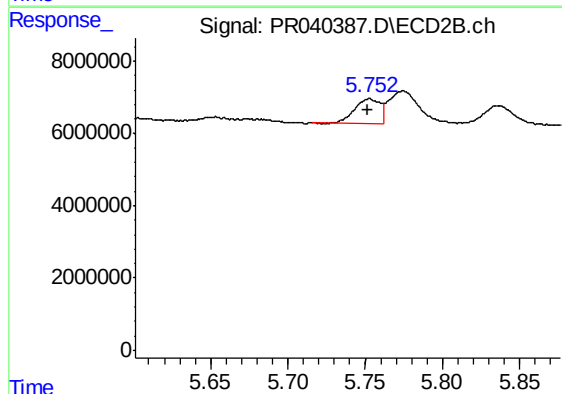
R.T.: 0.000 min
Exp R.T. : 6.659 min
Response: 0
Conc: N.D.



#21 AR-1248-1

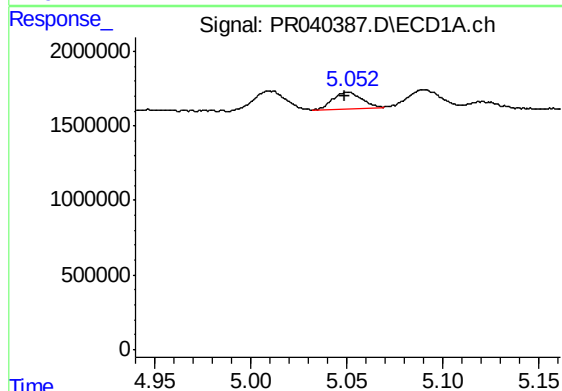
R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 1882482
Conc: 50.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



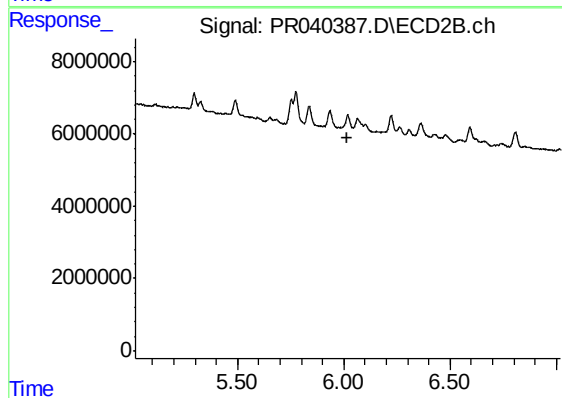
#21 AR-1248-1

R.T.: 5.753 min
Delta R.T.: 0.001 min
Response: 7828543
Conc: 46.77 ng/ml



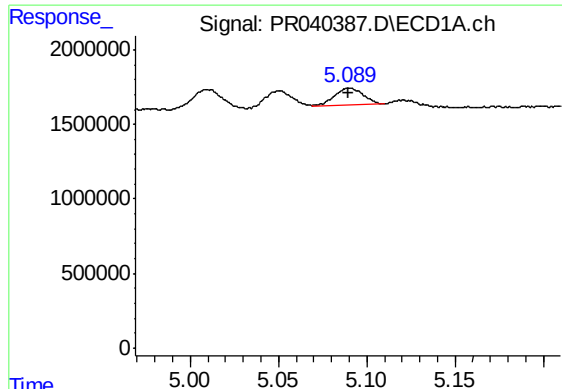
#22 AR-1248-2

R.T.: 5.051 min
Delta R.T.: 0.002 min
Response: 1199910
Conc: 22.28 ng/ml



#22 AR-1248-2

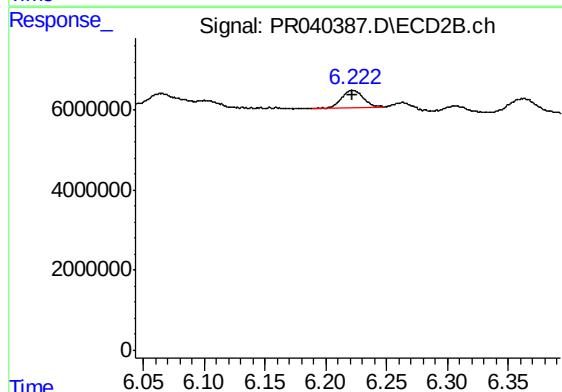
R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

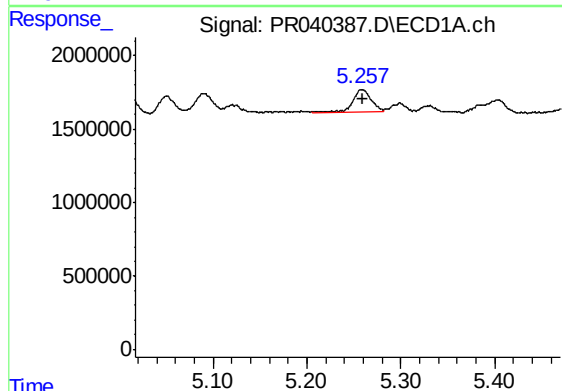
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 1301265
Conc: 23.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



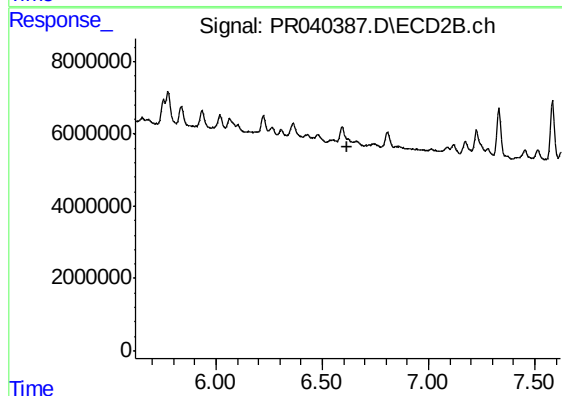
#23 AR-1248-3

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 5324980
Conc: 18.53 ng/ml



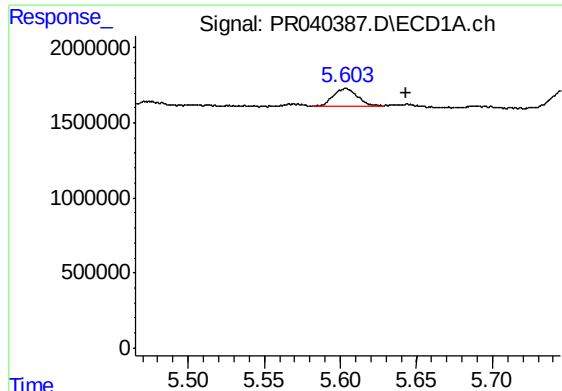
#24 AR-1248-4

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 2004774
Conc: 28.21 ng/ml



#24 AR-1248-4

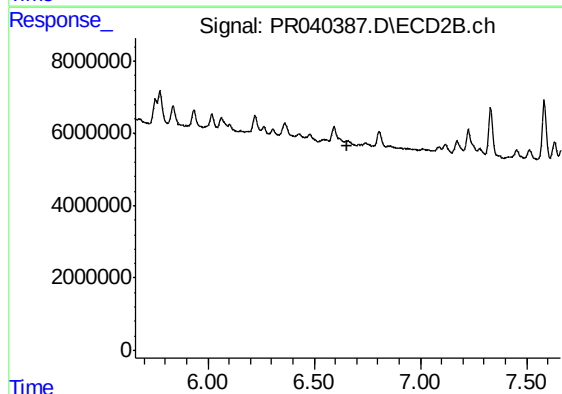
R.T.: 0.000 min
Exp R.T. : 6.621 min
Response: 0
Conc: N.D.



#25 AR-1248-5

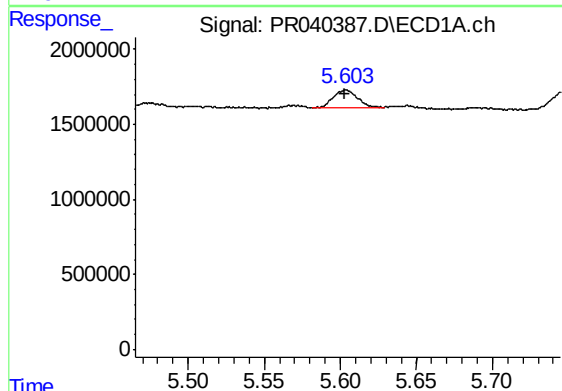
R.T.: 5.604 min
Delta R.T.: -0.039 min
Response: 1300029
Conc: 16.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



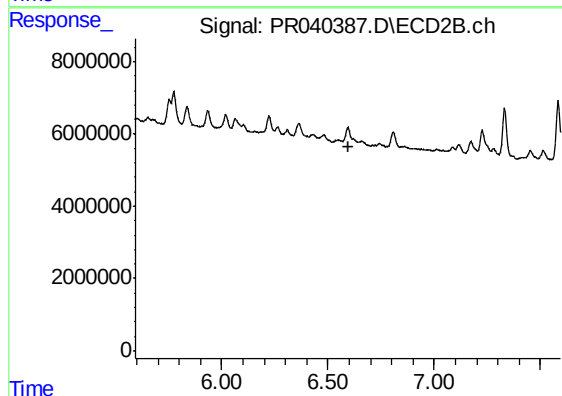
#25 AR-1248-5

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



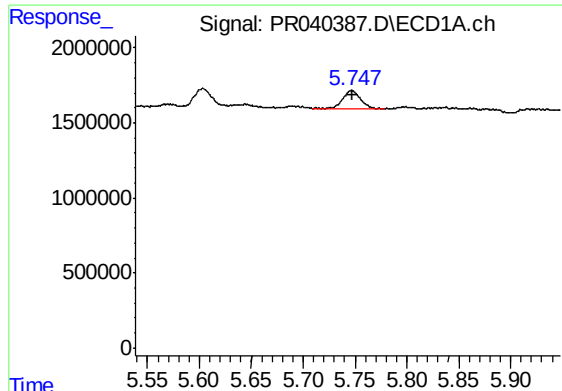
#26 AR-1254-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 1300029
Conc: 9.58 ng/ml



#26 AR-1254-1

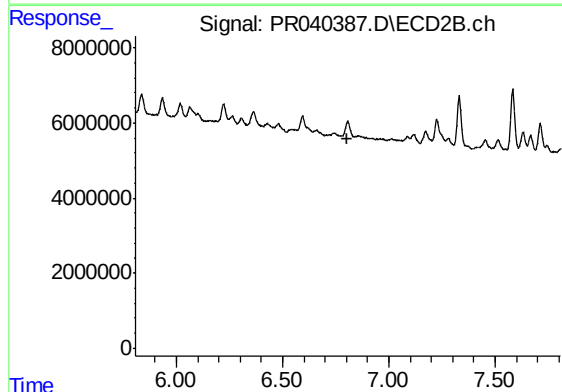
R.T.: 0.000 min
Exp R.T. : 6.594 min
Response: 0
Conc: N.D.



#27 AR-1254-2

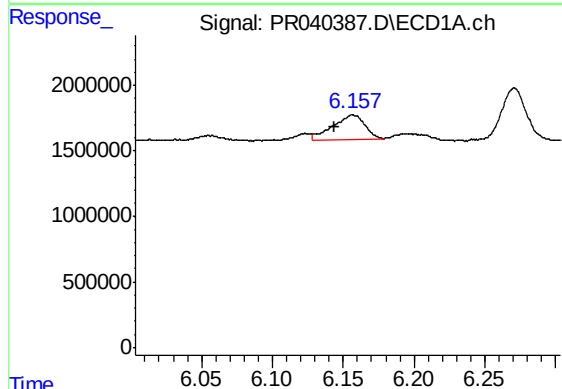
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 1481314
Conc: 12.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



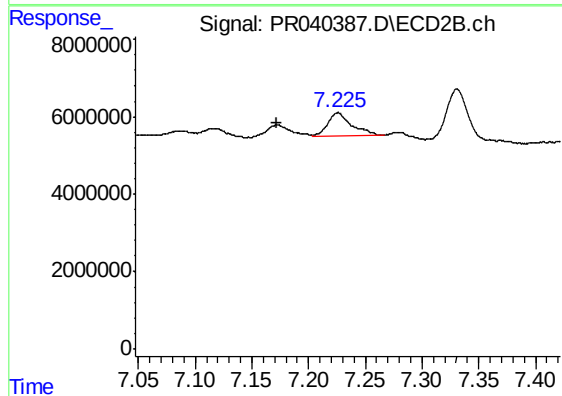
#27 AR-1254-2

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



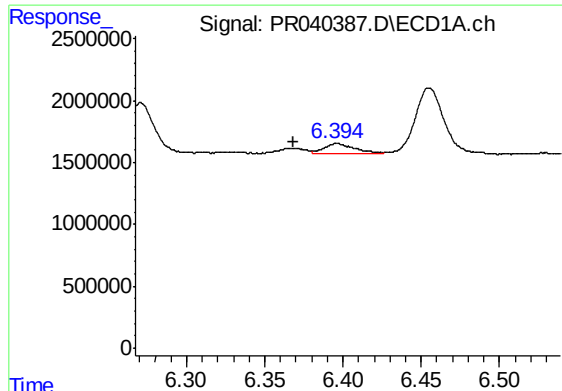
#28 AR-1254-3

R.T.: 6.157 min
Delta R.T.: 0.012 min
Response: 2916114
Conc: 13.70 ng/ml



#28 AR-1254-3

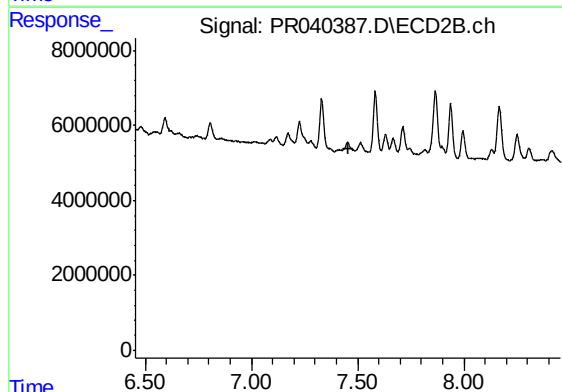
R.T.: 7.225 min
Delta R.T.: 0.053 min
Response: 9060618
Conc: 12.54 ng/ml



#29 AR-1254-4

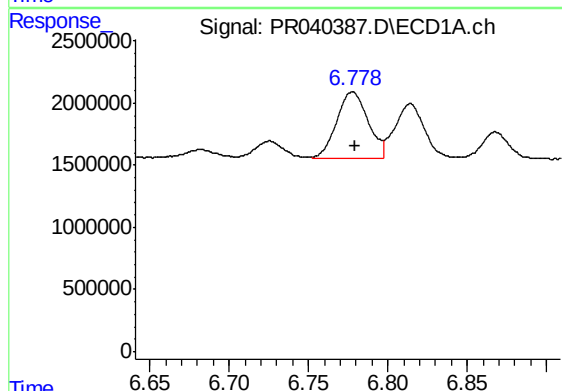
R.T.: 6.395 min
Delta R.T.: 0.027 min
Response: 1121552
Conc: 6.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



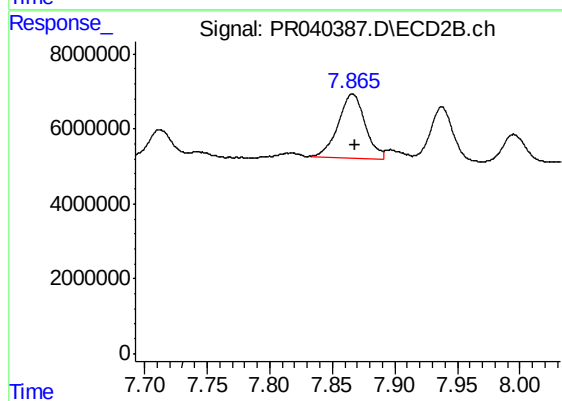
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.454 min
Response: 0
Conc: N.D.



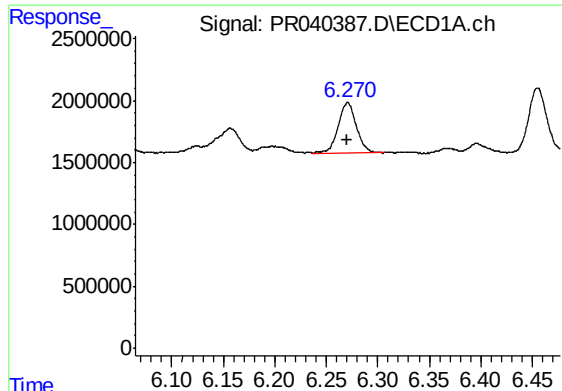
#30 AR-1254-5

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 7451231
Conc: 37.26 ng/ml



#30 AR-1254-5

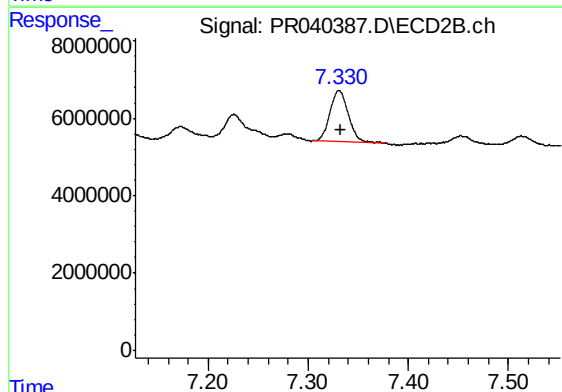
R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 25378673
Conc: 42.52 ng/ml



#31 AR-1260-1

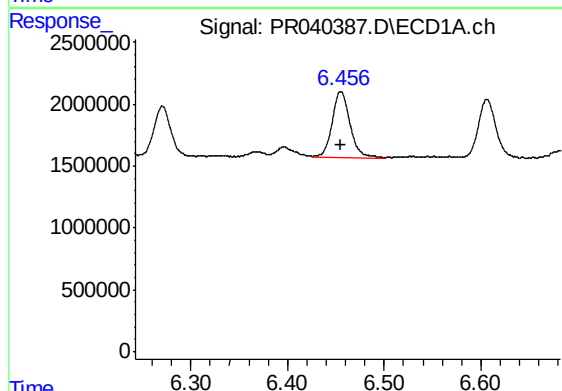
R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 4999608
Conc: 44.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



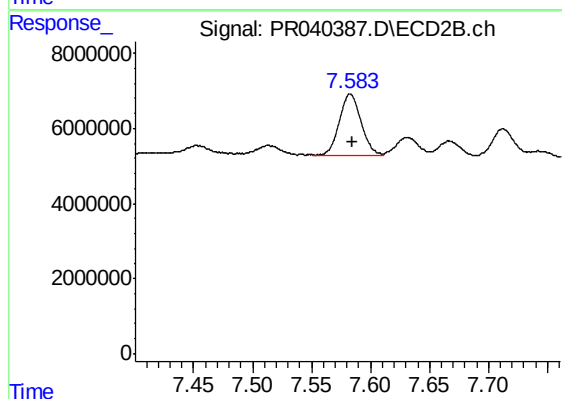
#31 AR-1260-1

R.T.: 7.331 min
Delta R.T.: -0.001 min
Response: 16862920
Conc: 40.97 ng/ml



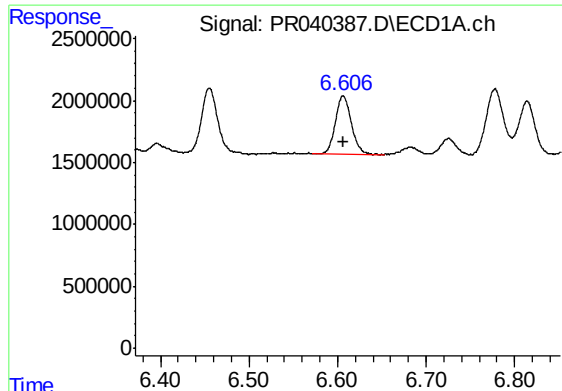
#32 AR-1260-2

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 6906650
Conc: 47.52 ng/ml



#32 AR-1260-2

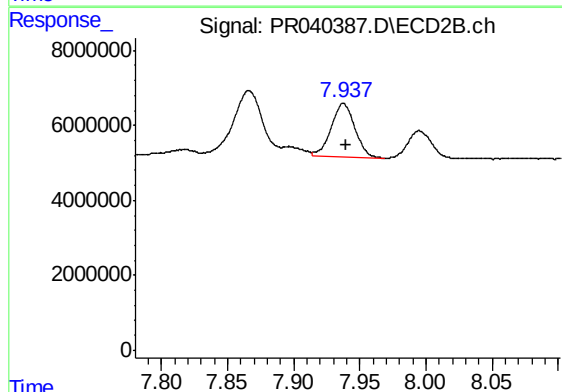
R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 20777180
Conc: 40.88 ng/ml



#33 AR-1260-3

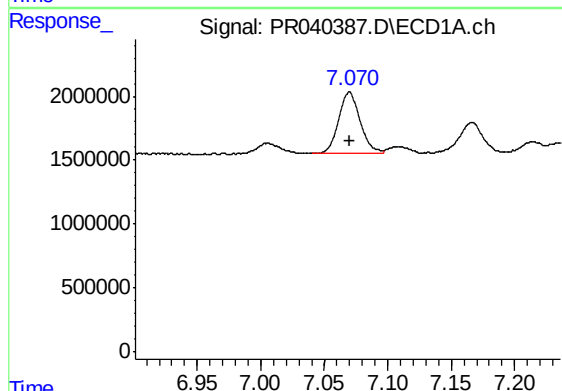
R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 6053056
Conc: 45.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



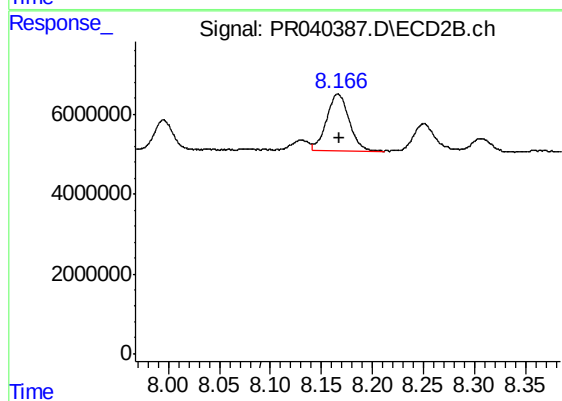
#33 AR-1260-3

R.T.: 7.938 min
Delta R.T.: -0.001 min
Response: 17908925
Conc: 43.75 ng/ml



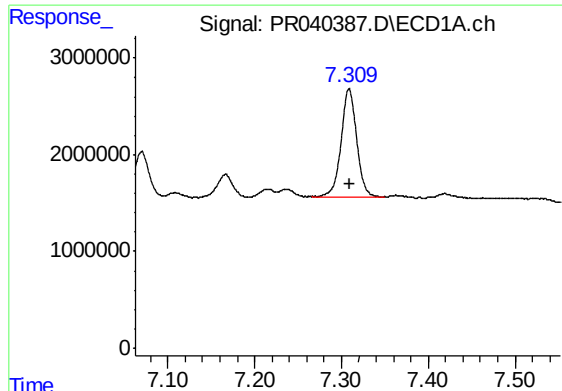
#34 AR-1260-4

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 5732050
Conc: 46.10 ng/ml



#34 AR-1260-4

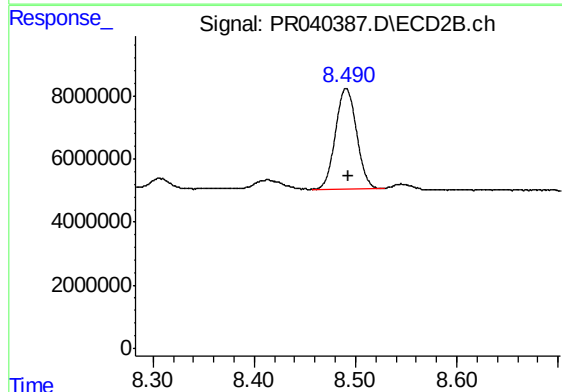
R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 21842146
Conc: 45.80 ng/ml



#35 AR-1260-5

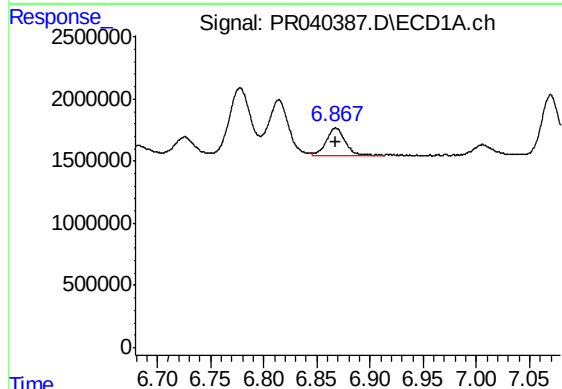
R.T.: 7.309 min
Delta R.T.: -0.001 min
Response: 14048269
Conc: 44.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



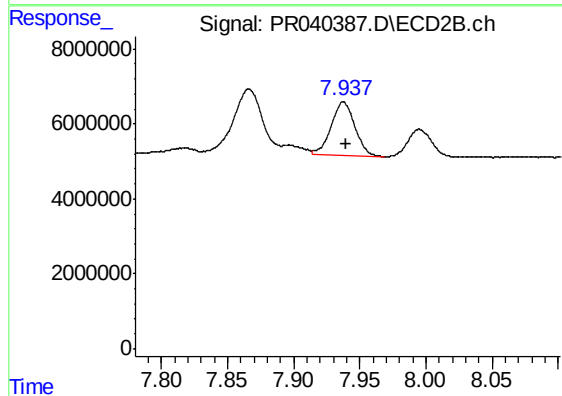
#35 AR-1260-5

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 46383191
Conc: 44.72 ng/ml



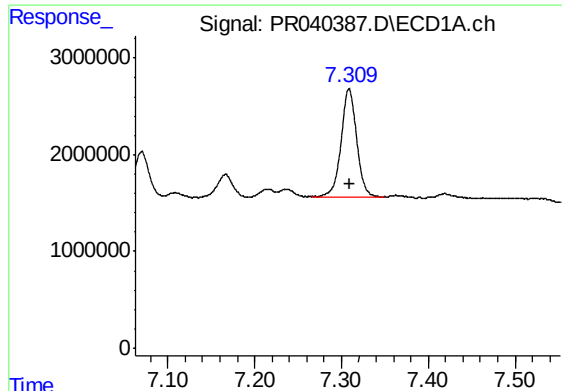
#36 AR-1262-1

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 2744652
Conc: 40.35 ng/ml



#36 AR-1262-1

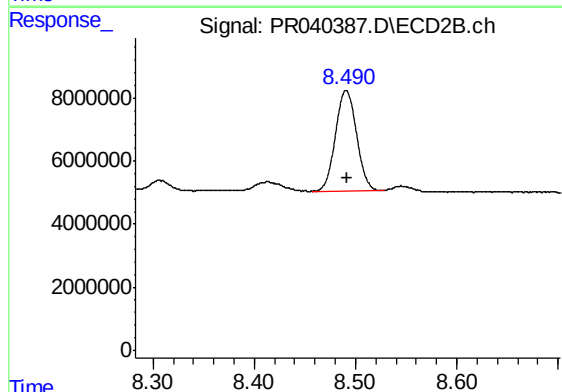
R.T.: 7.938 min
Delta R.T.: -0.002 min
Response: 17908925
Conc: 29.96 ng/ml



#37 AR-1262-2

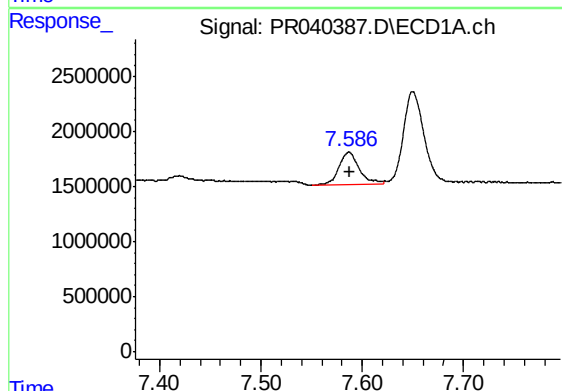
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 14048269
Conc: 39.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



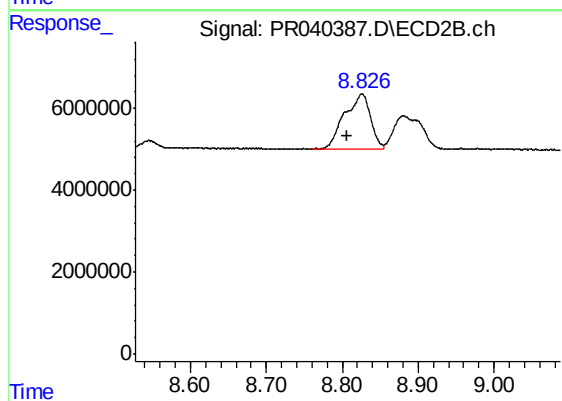
#37 AR-1262-2

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 46383191
Conc: 38.98 ng/ml



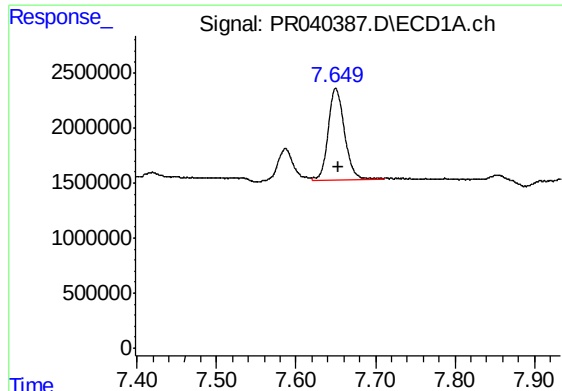
#38 AR-1262-3

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 4301078
Conc: 30.74 ng/ml



#38 AR-1262-3

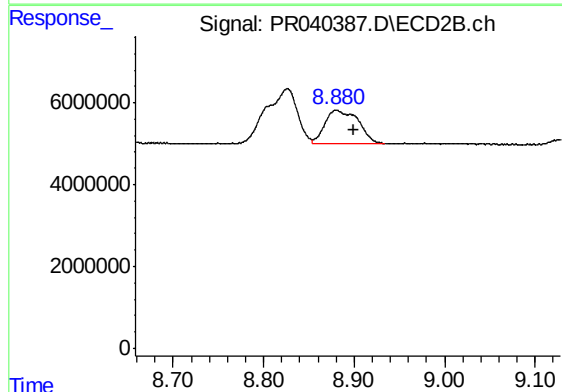
R.T.: 8.826 min
Delta R.T.: 0.019 min
Response: 31822205
Conc: 39.32 ng/ml



#39 AR-1262-4

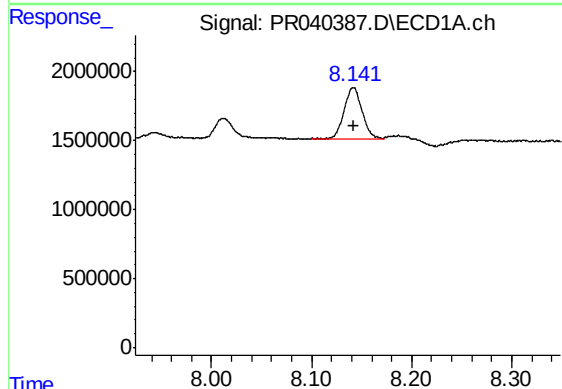
R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 11918660
Conc: 44.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



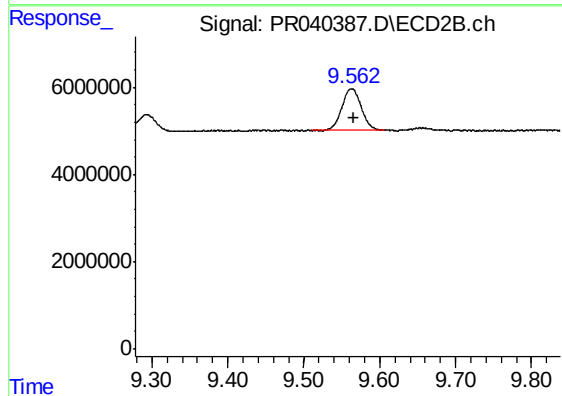
#39 AR-1262-4

R.T.: 8.880 min
Delta R.T.: -0.019 min
Response: 20618400
Conc: 33.21 ng/ml



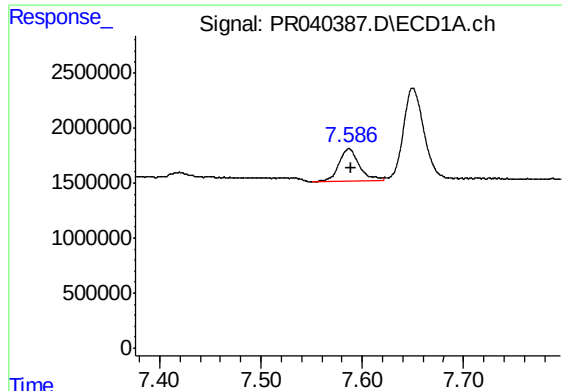
#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 4541014
Conc: 34.50 ng/ml



#40 AR-1262-5

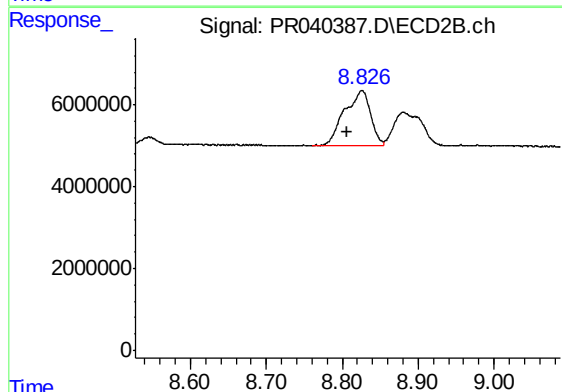
R.T.: 9.563 min
Delta R.T.: -0.002 min
Response: 17068519
Conc: 36.14 ng/ml



#41 AR-1268-1

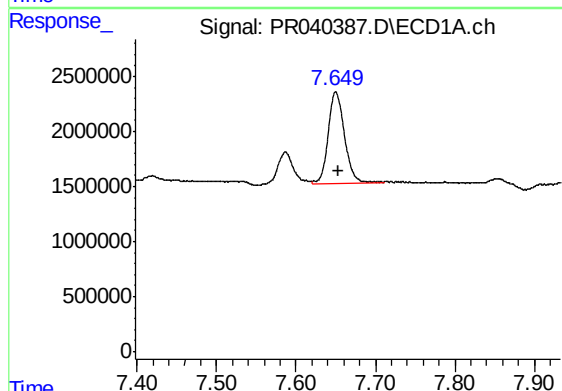
R.T.: 7.587 min
Delta R.T.: -0.003 min
Response: 4301078
Conc: 11.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



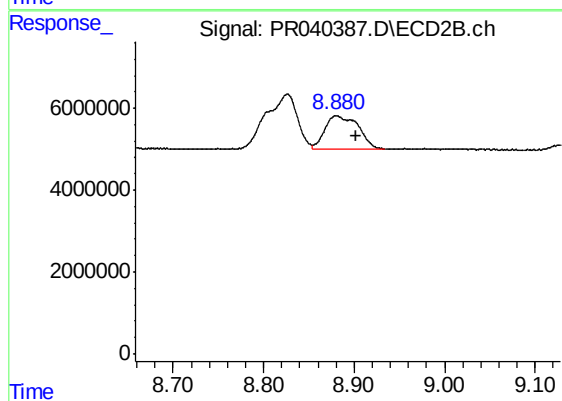
#41 AR-1268-1

R.T.: 8.826 min
Delta R.T.: 0.020 min
Response: 31822205
Conc: 24.32 ng/ml



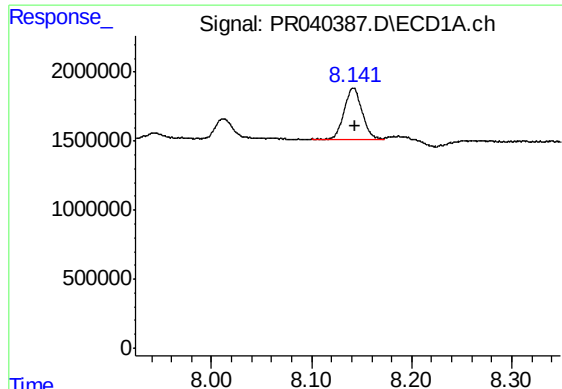
#42 AR-1268-2

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 11918660
Conc: 34.79 ng/ml



#42 AR-1268-2

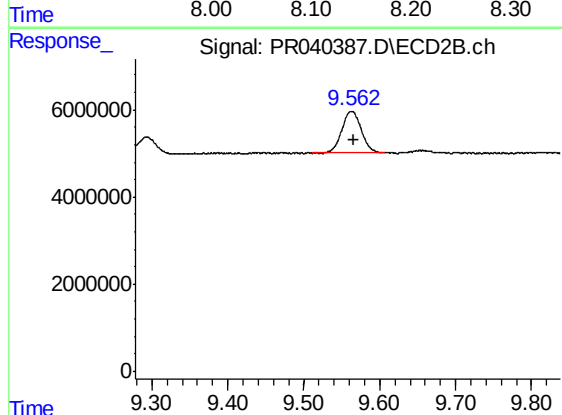
R.T.: 8.880 min
Delta R.T.: -0.023 min
Response: 20618400
Conc: 16.56 ng/ml



#44 AR-1268-4

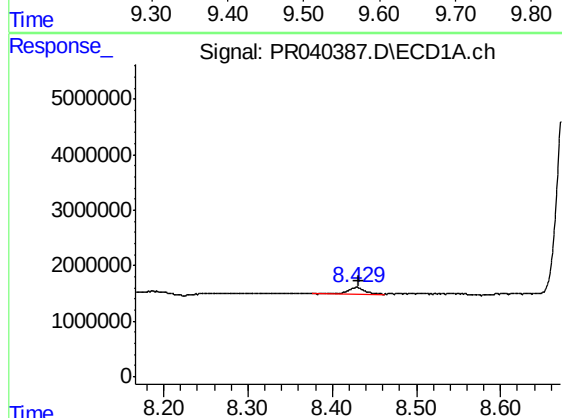
R.T.: 8.142 min
Delta R.T.: -0.002 min
Response: 4541014
Conc: 33.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2019



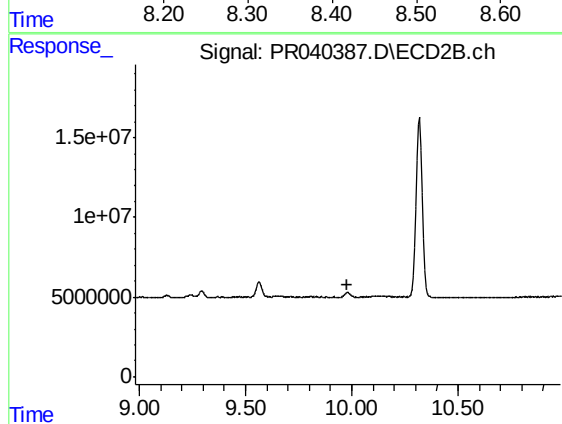
#44 AR-1268-4

R.T.: 9.563 min
Delta R.T.: -0.003 min
Response: 17068519
Conc: 34.80 ng/ml



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 1604736
Conc: 1.56 ng/ml



#45 AR-1268-5

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