Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101819\
Data File : PR042358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2019 17:02
Operator : SM\AJ
Sample : K5111-01
Misc : AR1232 LOD 40 PPB
ALS Vial : 27 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId : LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 00:13:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 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...	4.723	3.984	69429463	267.2E6	14.579	15.693	
2)	SA Decachlor...	10.647	9.095	55409310	166.1E6	15.848	16.361	
	Target Compounds							
3)	L1 AR-1016-1	5.901	5.082	4154026	14656069	26.576	27.481	
4)	L1 AR-1016-2	5.925	5.102	5421903	19600592	24.359	26.668	
5)	L1 AR-1016-3	5.988	5.281	3340326	8456523	25.285	26.052	
6)	L1 AR-1016-4	0.000	5.320	0	5646072	N.D.	21.618	#
7)	L1 AR-1016-5	0.000	5.537	0	3266043	N.D.	11.020	#
8)	L2 AR-1221-1	0.000	4.196	0	7587278	N.D.	44.664	#
9)	L2 AR-1221-2	0.000	4.286	0	7914849	N.D.	62.607	#
10)	L2 AR-1221-3	5.098	4.362	5110636	20662485	47.652	51.335	
11)	L3 AR-1232-1	5.098	4.362	5110636	20662485	32.806	35.580	
12)	L3 AR-1232-2	0.000	5.102	0	19600592	N.D.	34.821	#
13)	L3 AR-1232-3	5.925	5.281	5421903	8456523	32.359	33.435	
14)	L3 AR-1232-4	0.000	5.364	0	6239155	N.D.	29.609	#
15)	L3 AR-1232-5	0.000	5.537	0	3266043	N.D.	15.571	#
16)	L4 AR-1242-1	5.901	5.082	4154026	14656069	35.425	35.587	
17)	L4 AR-1242-2	5.925	5.102	5421903	19600592	32.135	35.202	
18)	L4 AR-1242-3	5.988	5.281	3340326	8456523	33.232	32.004	
19)	L4 AR-1242-4	0.000	5.364	0	6239155	N.D.	25.866	#
20)	L4 AR-1242-5	6.826	5.891	3119701	8256129	32.557	31.039	
21)	L5 AR-1248-1	5.901	5.082	4154026	14656069	44.882	44.506	
22)	L5 AR-1248-2	0.000	5.320	0	5646072	N.D.	16.104	#
23)	L5 AR-1248-3	0.000	5.364	0	6239155	N.D.	17.772	#
24)	L5 AR-1248-4	6.786	5.537	3195470	3266043	18.782	8.594	#
25)	L5 AR-1248-5	6.826	5.933	3119701	8541262	19.428	22.944	
26)	L6 AR-1254-1	6.759	5.891	3032728	8256129	16.883	14.363	
31)	L7 AR-1260-1	0.000	6.566	0	27005838	N.D.	46.690	#

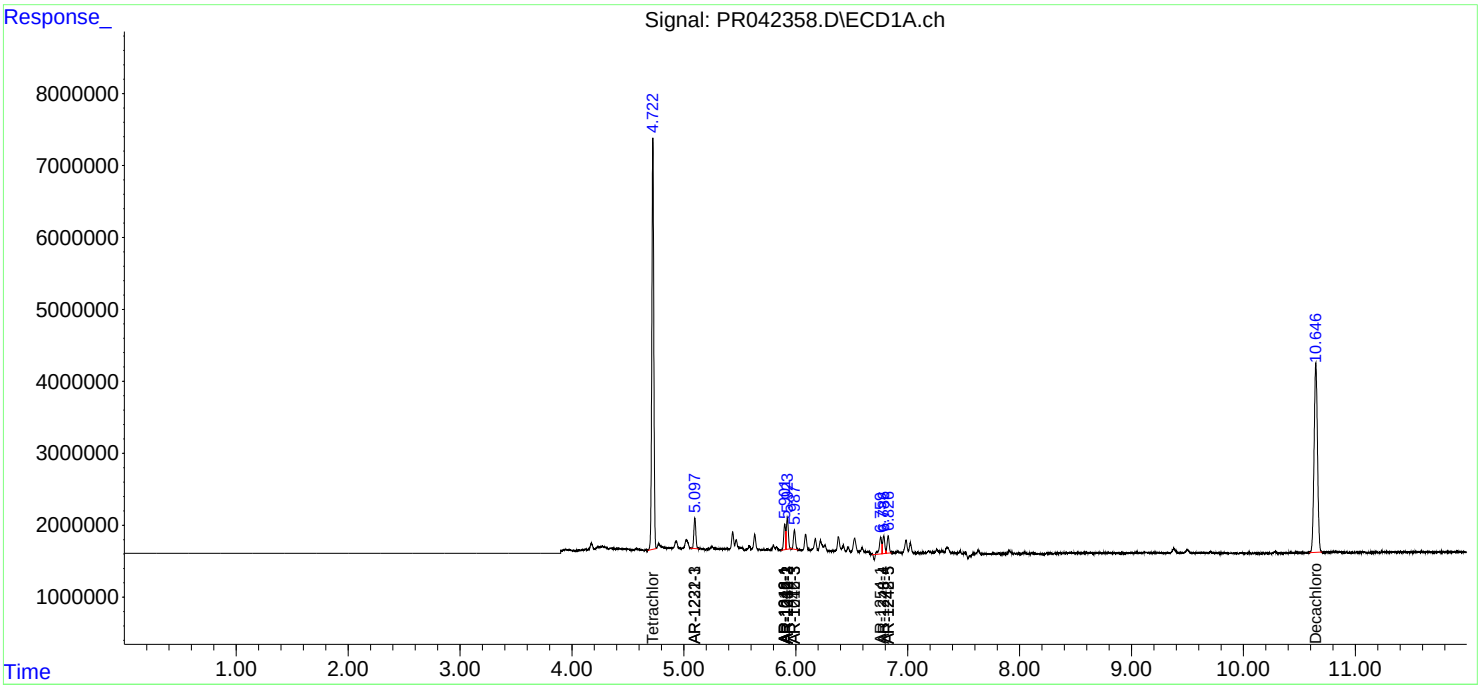
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

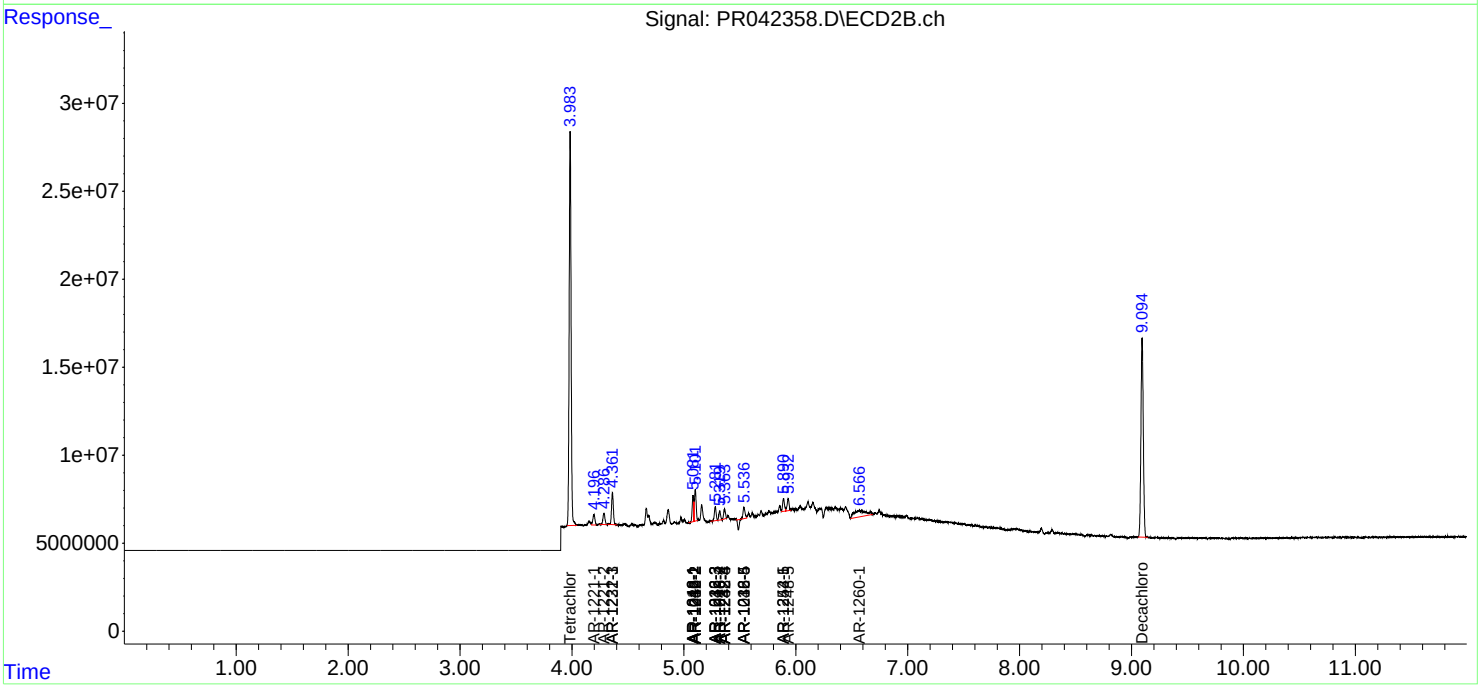
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101819\
Data File : PR042358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2019 17:02
Operator : SM\AJ
Sample : K5111-01
Misc : AR1232 LOD 40 PPB
ALS Vial : 27 Sample Multiplier: 1

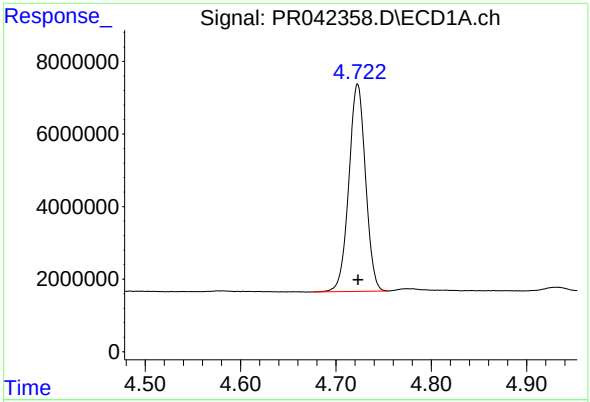
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 00:13:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 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



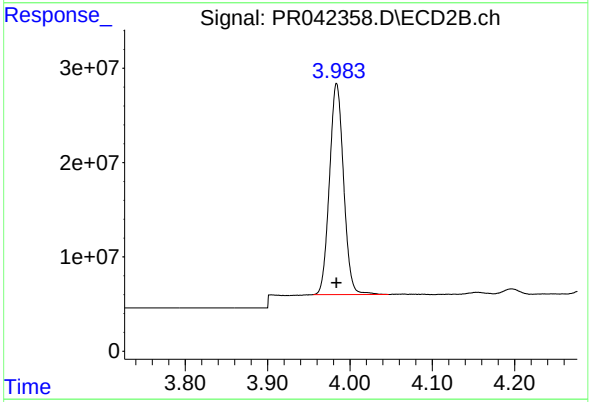




#1 Tetrachloro-m-xylene

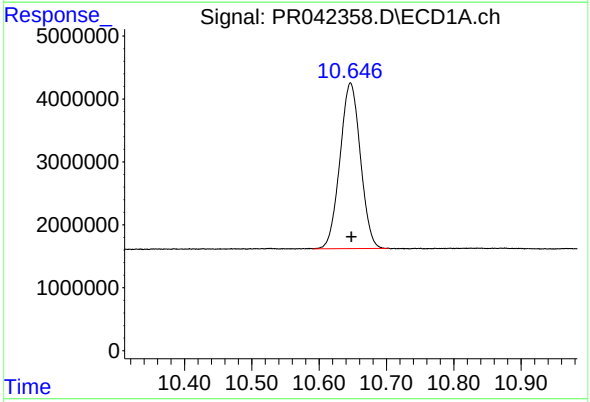
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 69429463
Conc: 14.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



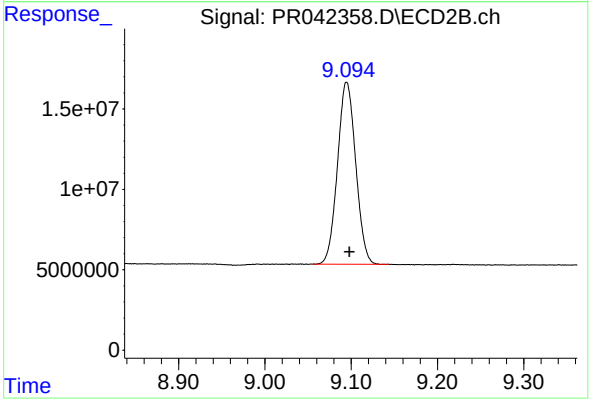
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 267184028
Conc: 15.69 ng/ml



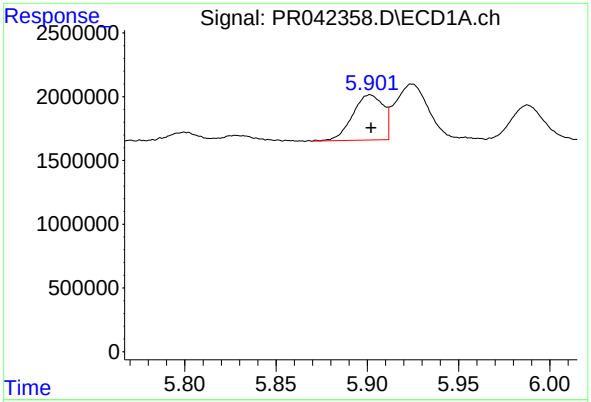
#2 Decachlorobiphenyl

R.T.: 10.647 min
Delta R.T.: -0.001 min
Response: 55409310
Conc: 15.85 ng/ml



#2 Decachlorobiphenyl

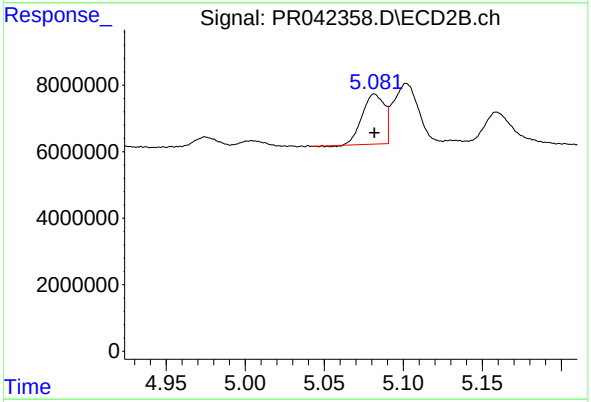
R.T.: 9.095 min
Delta R.T.: -0.003 min
Response: 166079143
Conc: 16.36 ng/ml



#3 AR-1016-1

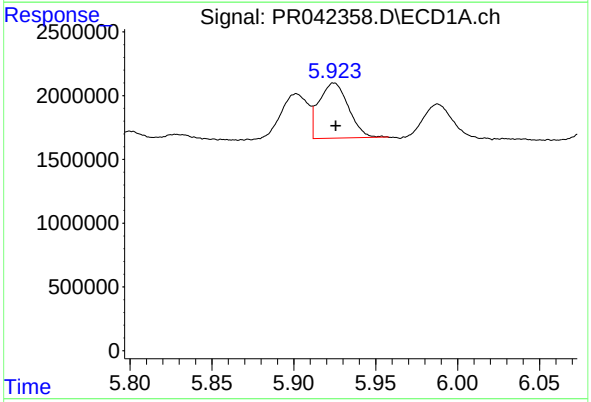
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 4154026
Conc: 26.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



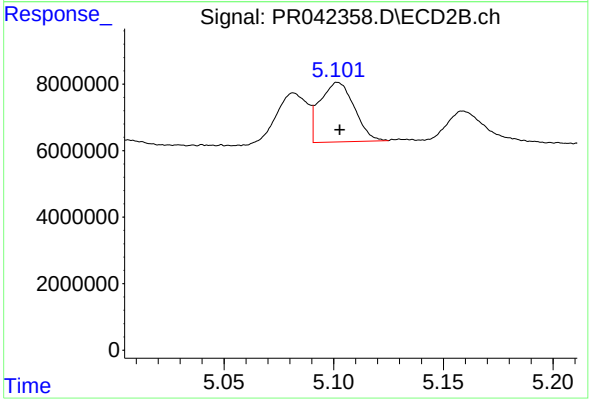
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 14656069
Conc: 27.48 ng/ml



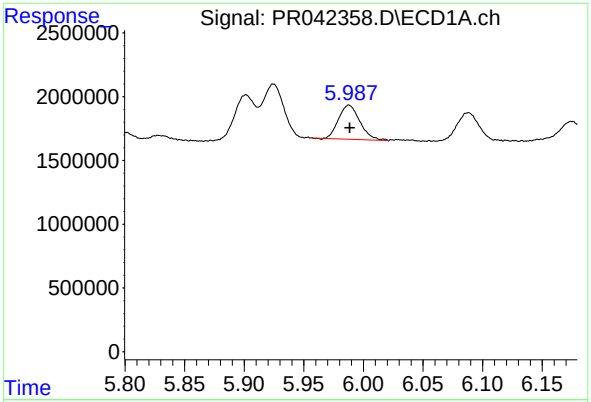
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 5421903
Conc: 24.36 ng/ml



#4 AR-1016-2

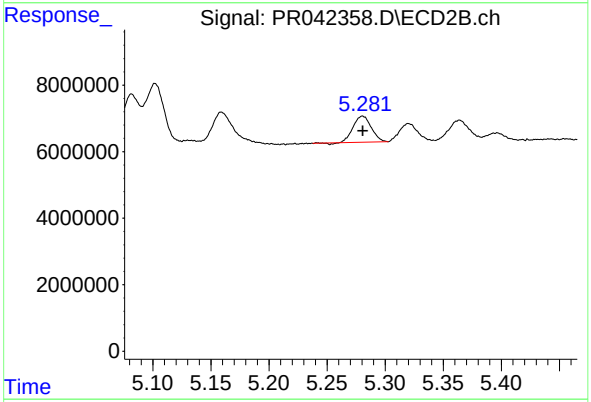
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 19600592
Conc: 26.67 ng/ml



#5 AR-1016-3

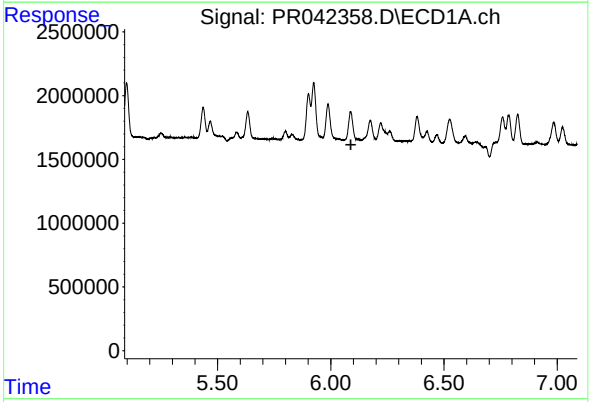
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 3340326
Conc: 25.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



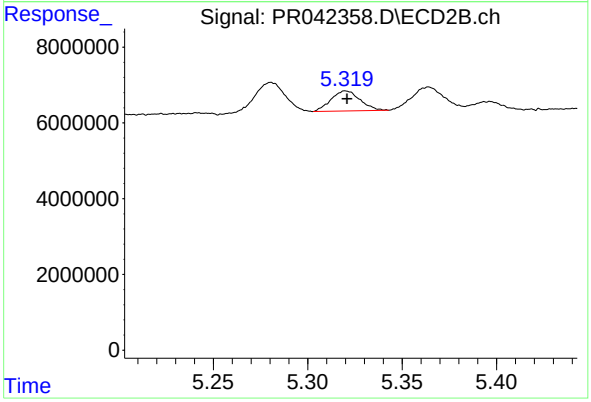
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 8456523
Conc: 26.05 ng/ml



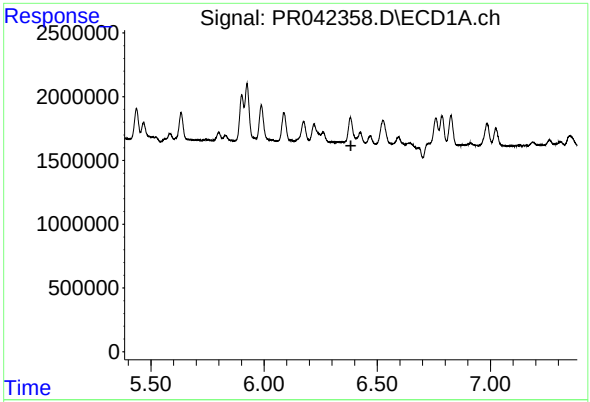
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.



#6 AR-1016-4

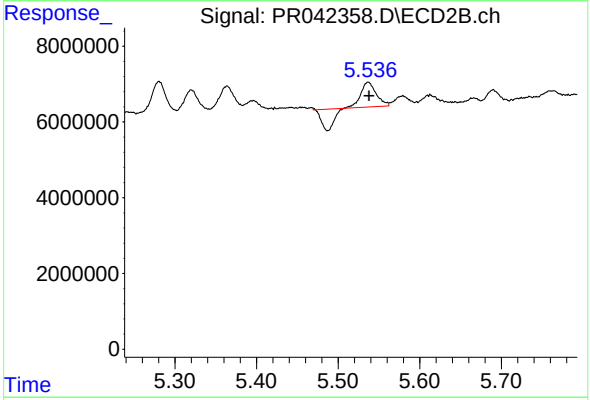
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 5646072
Conc: 21.62 ng/ml



#7 AR-1016-5

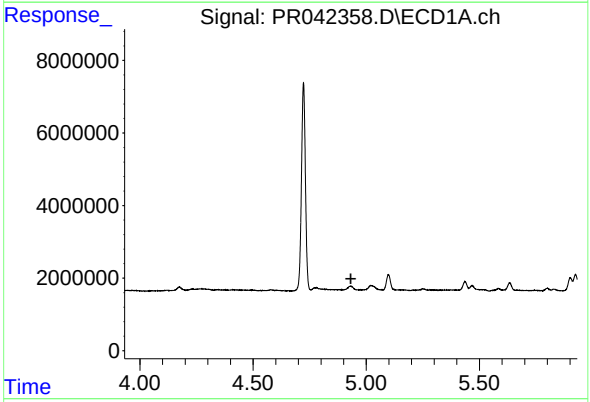
R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



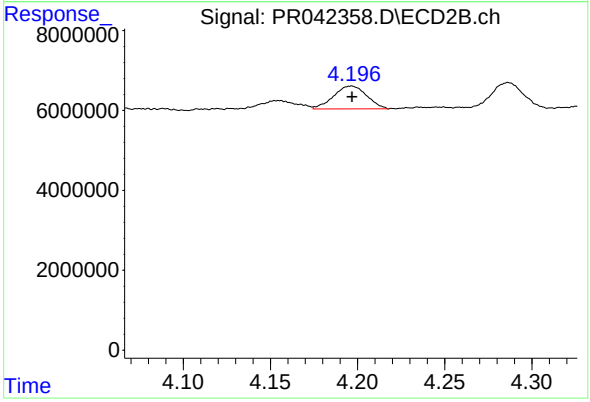
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 3266043
Conc: 11.02 ng/ml



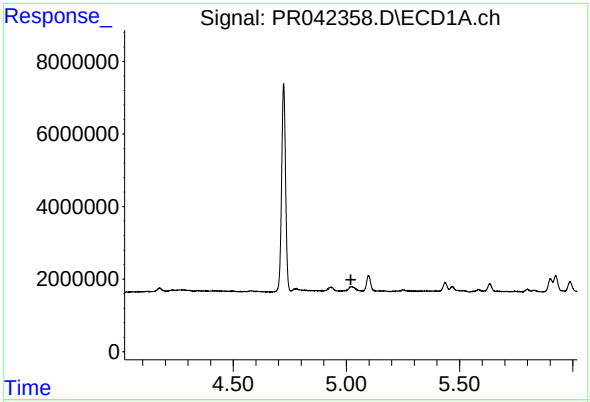
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.932 min
Response: 0
Conc: N.D.



#8 AR-1221-1

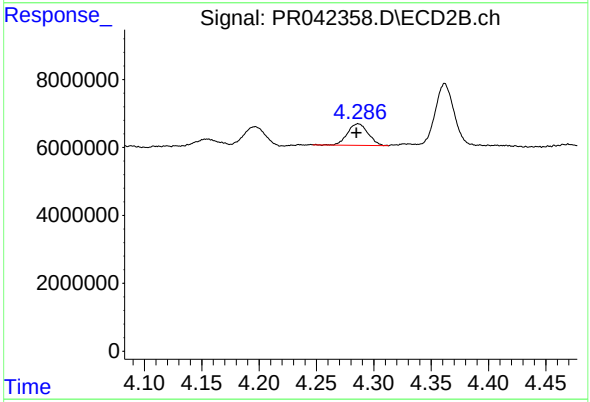
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 7587278
Conc: 44.66 ng/ml



#9 AR-1221-2

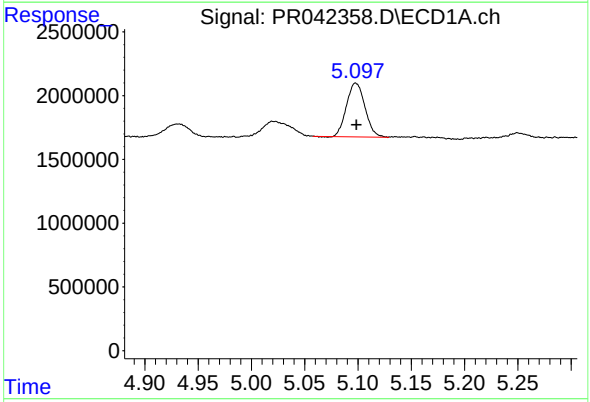
R.T.: 0.000 min
Exp R.T. : 5.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



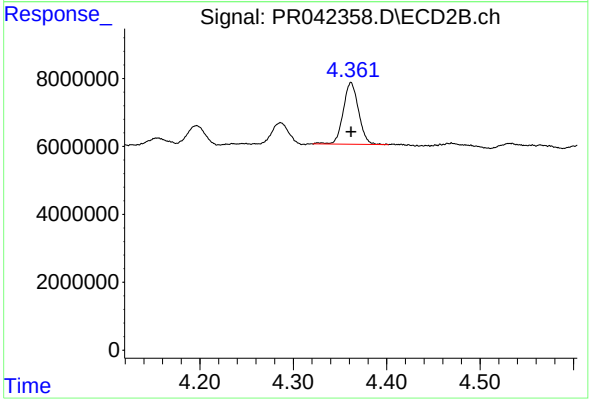
#9 AR-1221-2

R.T.: 4.286 min
Delta R.T.: 0.002 min
Response: 7914849
Conc: 62.61 ng/ml



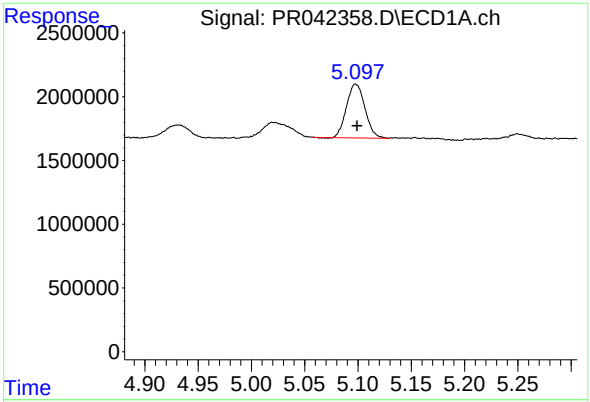
#10 AR-1221-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 5110636
Conc: 47.65 ng/ml



#10 AR-1221-3

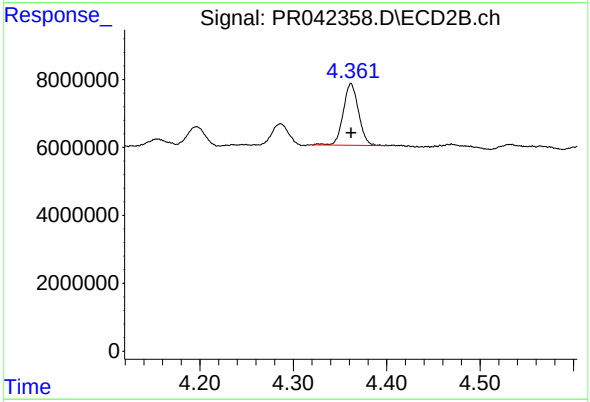
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 20662485
Conc: 51.34 ng/ml



#11 AR-1232-1

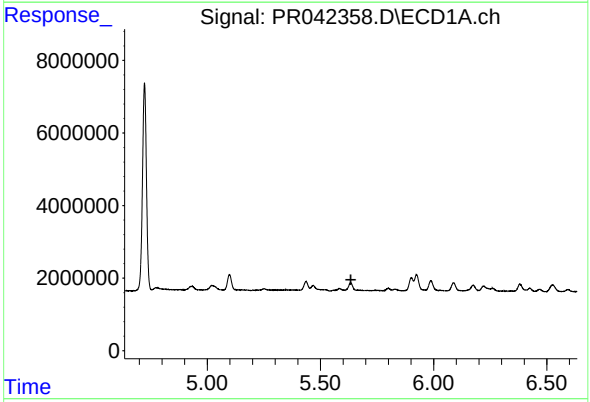
R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 5110636
Conc: 32.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



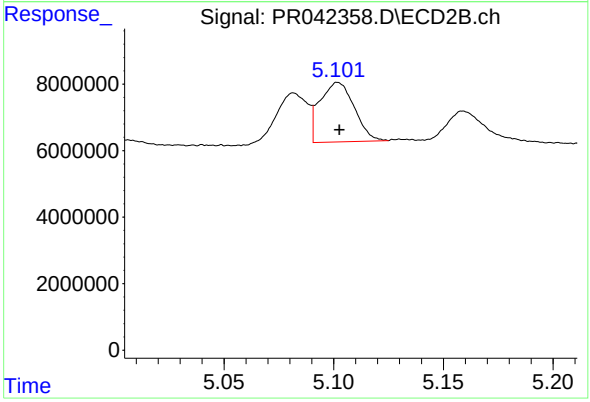
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 20662485
Conc: 35.58 ng/ml



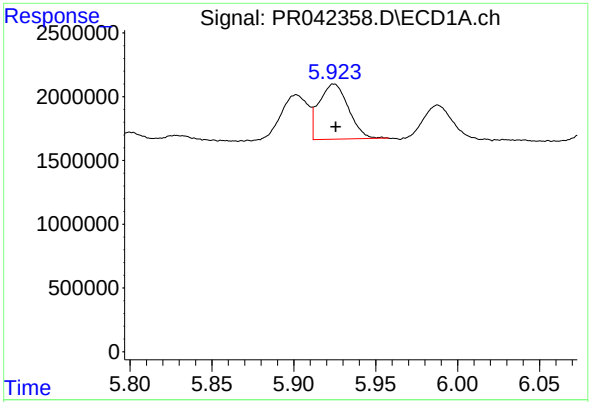
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.634 min
Response: 0
Conc: N.D.



#12 AR-1232-2

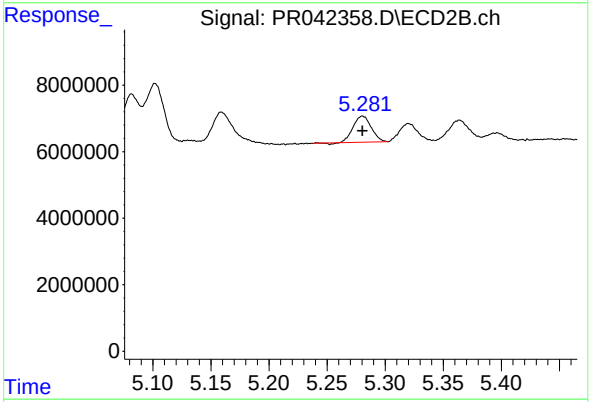
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 19600592
Conc: 34.82 ng/ml



#13 AR-1232-3

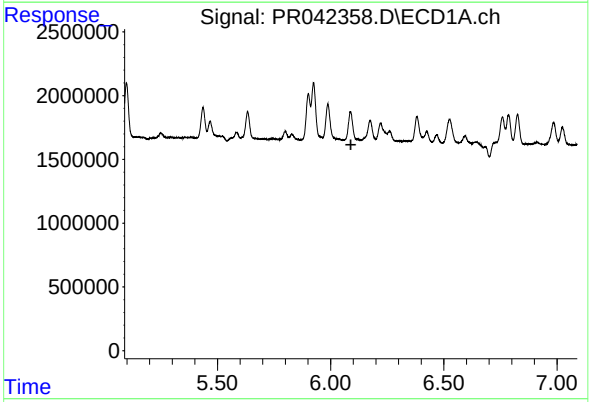
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 5421903
Conc: 32.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



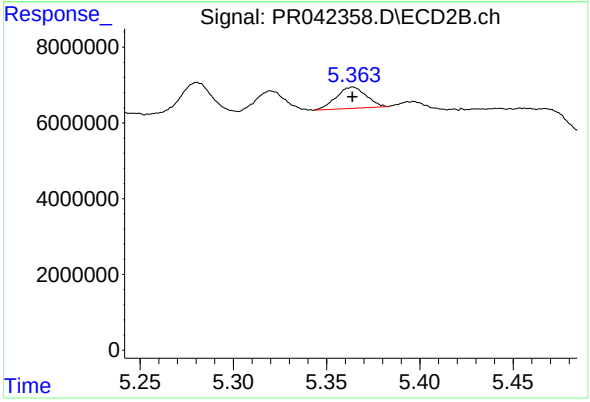
#13 AR-1232-3

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 8456523
Conc: 33.43 ng/ml



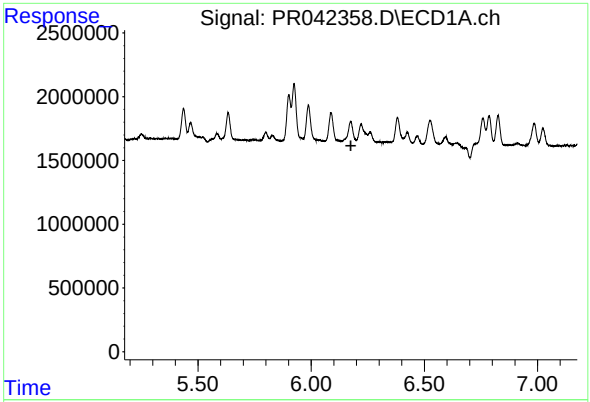
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.



#14 AR-1232-4

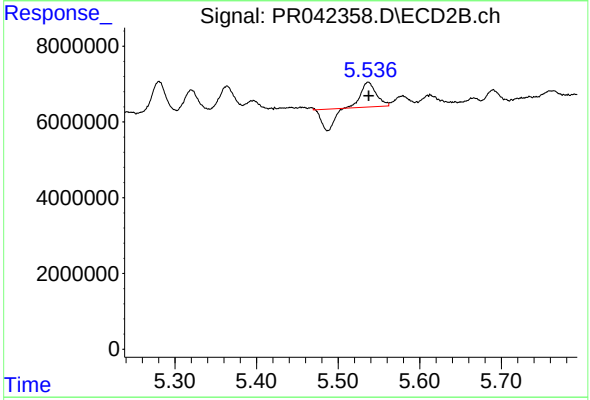
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 6239155
Conc: 29.61 ng/ml



#15 AR-1232-5

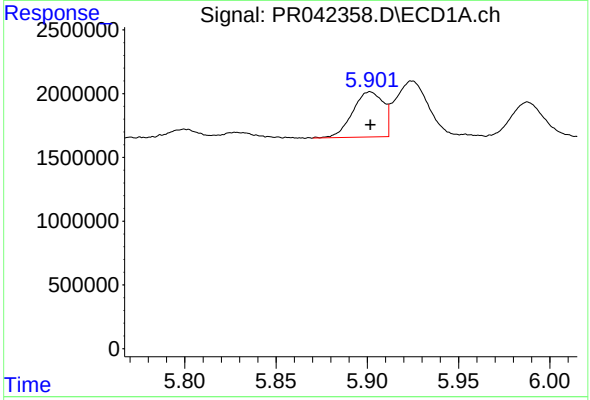
R.T.: 0.000 min
Exp R.T. : 6.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



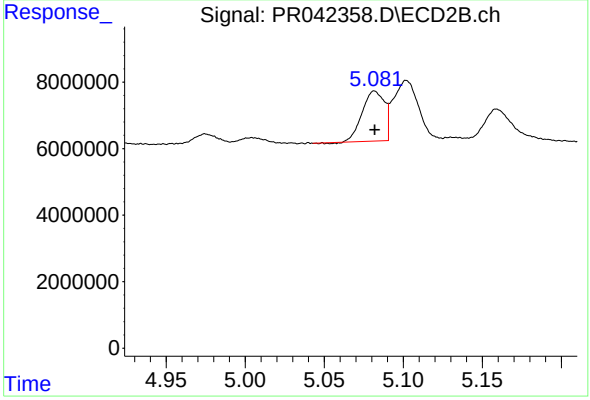
#15 AR-1232-5

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 3266043
Conc: 15.57 ng/ml



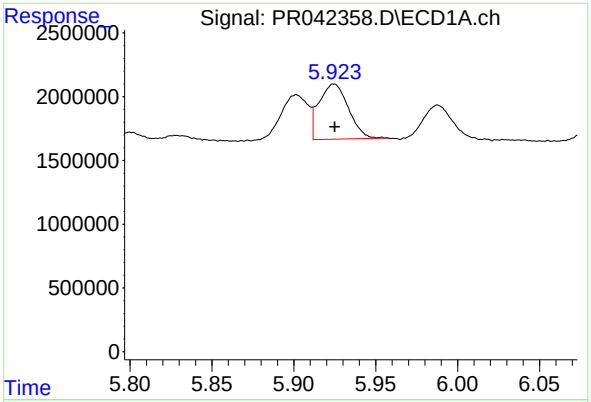
#16 AR-1242-1

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 4154026
Conc: 35.43 ng/ml



#16 AR-1242-1

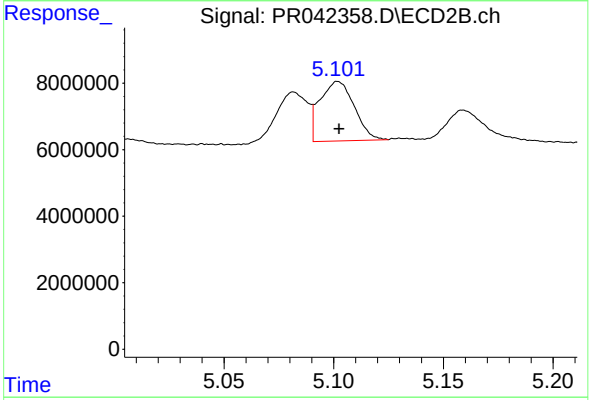
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 14656069
Conc: 35.59 ng/ml



#17 AR-1242-2

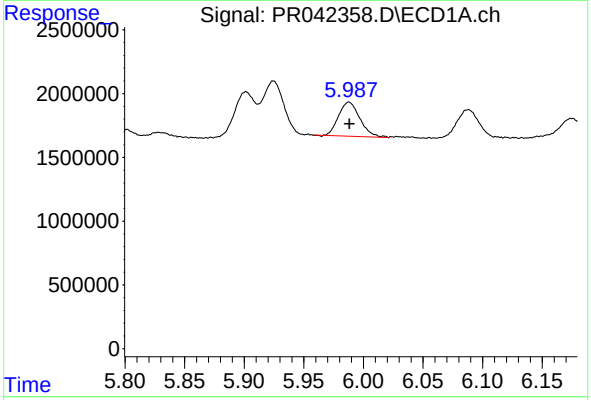
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 5421903
Conc: 32.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



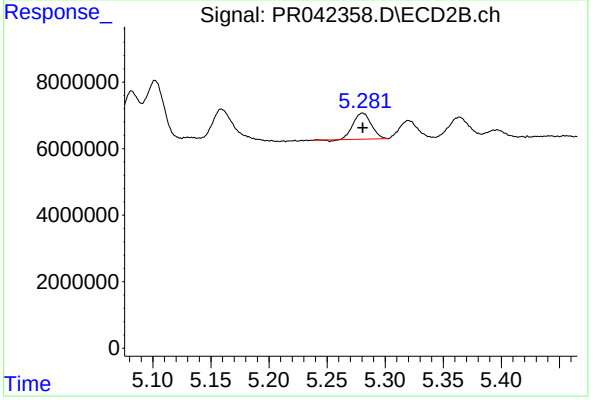
#17 AR-1242-2

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 19600592
Conc: 35.20 ng/ml



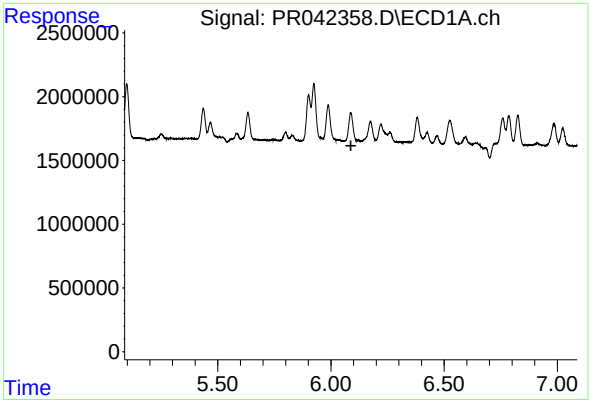
#18 AR-1242-3

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 3340326
Conc: 33.23 ng/ml



#18 AR-1242-3

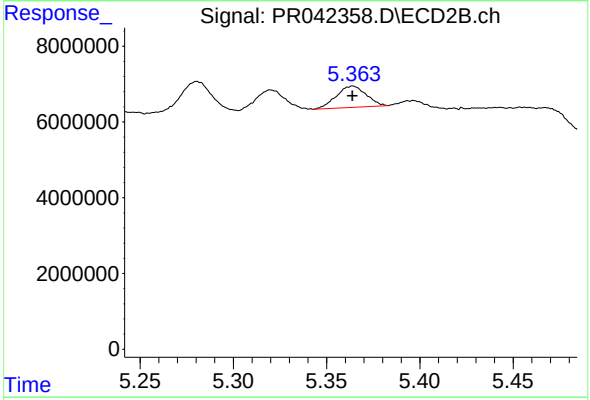
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 8456523
Conc: 32.00 ng/ml



#19 AR-1242-4

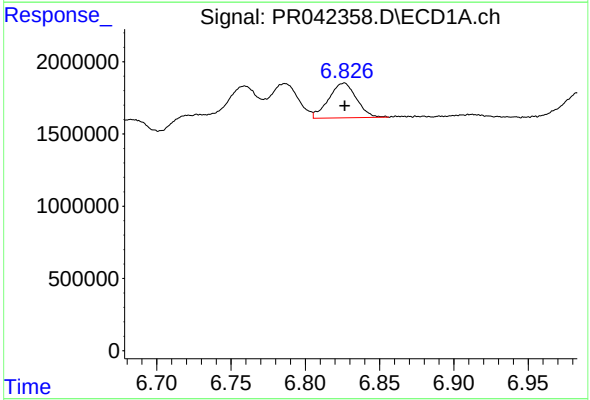
R.T.: 0.000 min
Exp R.T. : 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



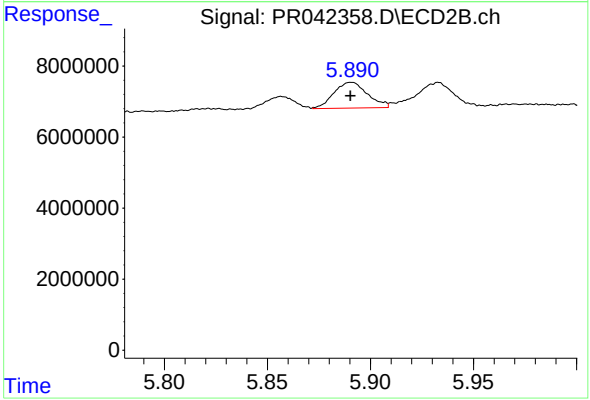
#19 AR-1242-4

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 6239155
Conc: 25.87 ng/ml



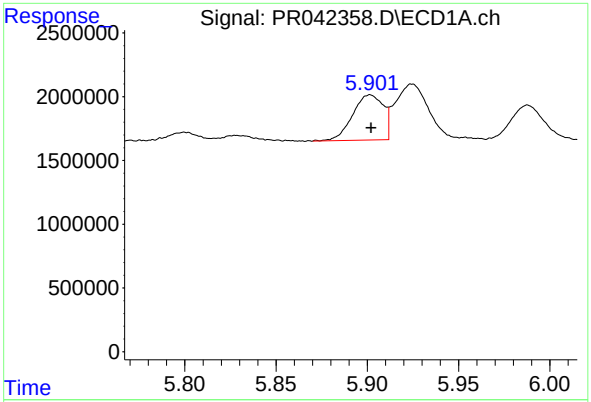
#20 AR-1242-5

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3119701
Conc: 32.56 ng/ml



#20 AR-1242-5

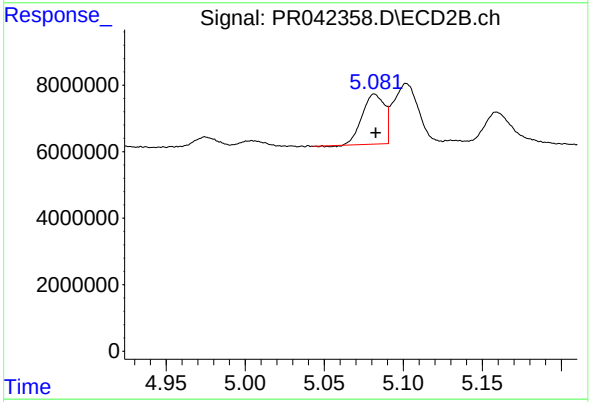
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 8256129
Conc: 31.04 ng/ml



#21 AR-1248-1

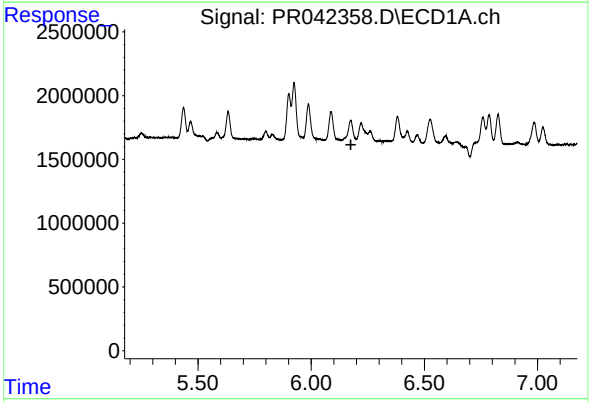
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 4154026
Conc: 44.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



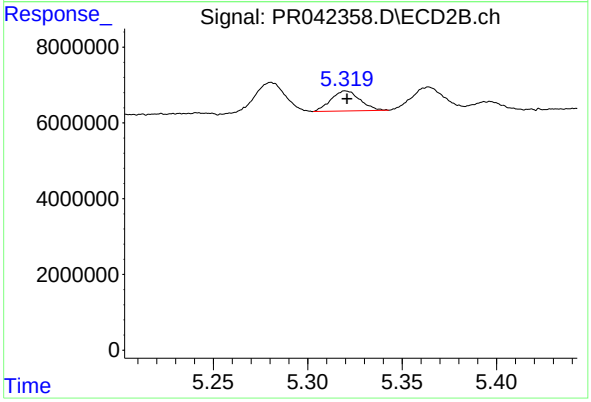
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 14656069
Conc: 44.51 ng/ml



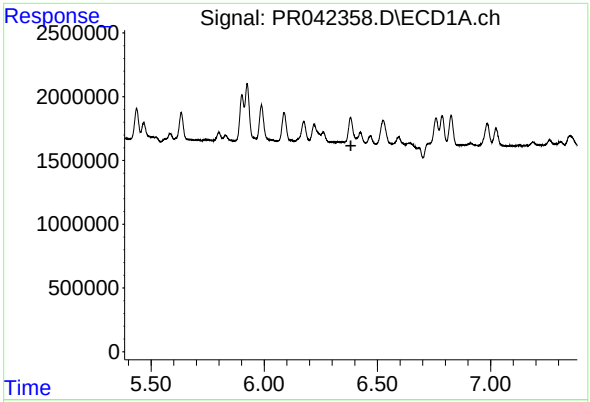
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.



#22 AR-1248-2

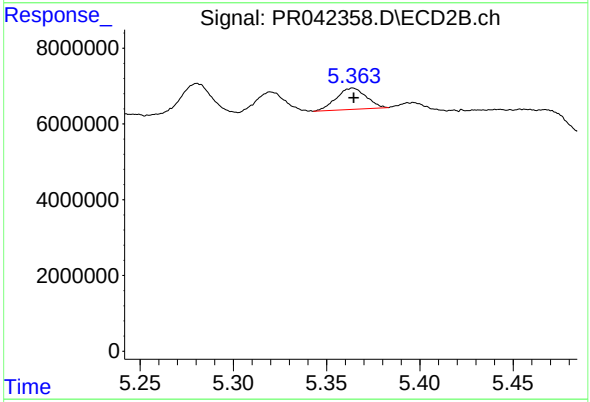
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 5646072
Conc: 16.10 ng/ml



#23 AR-1248-3

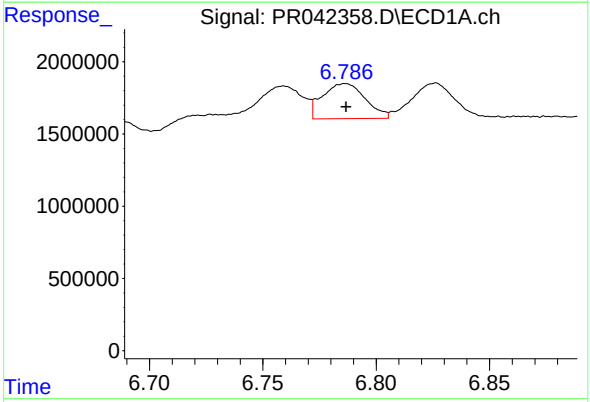
R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



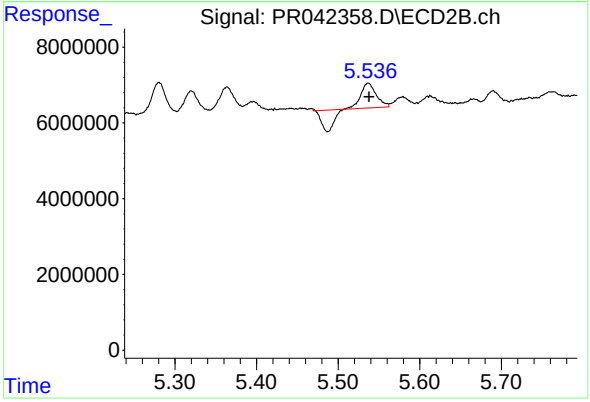
#23 AR-1248-3

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 6239155
Conc: 17.77 ng/ml



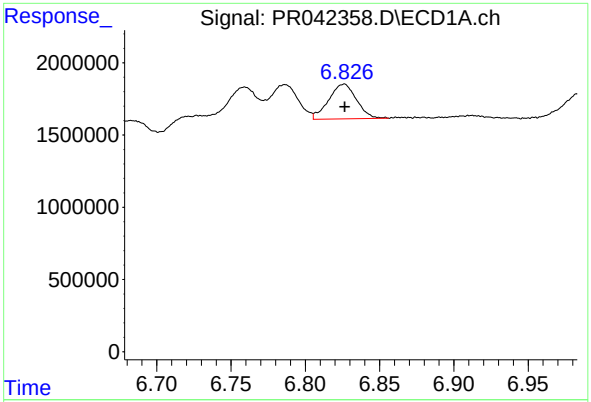
#24 AR-1248-4

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 3195470
Conc: 18.78 ng/ml



#24 AR-1248-4

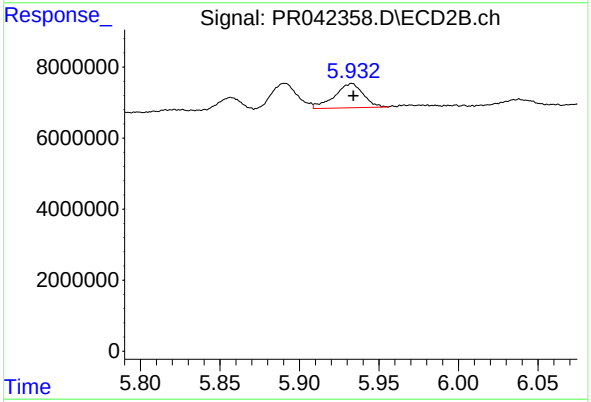
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 3266043
Conc: 8.59 ng/ml



#25 AR-1248-5

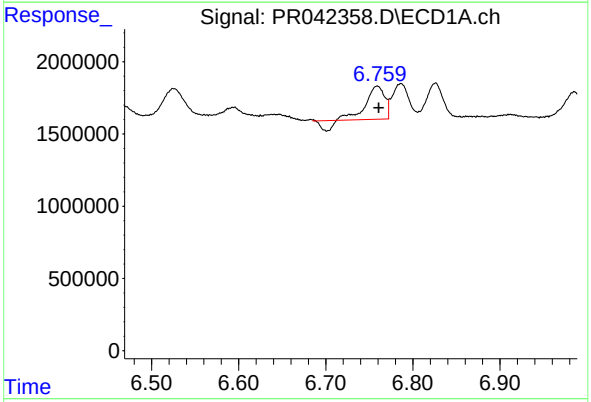
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3119701
Conc: 19.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



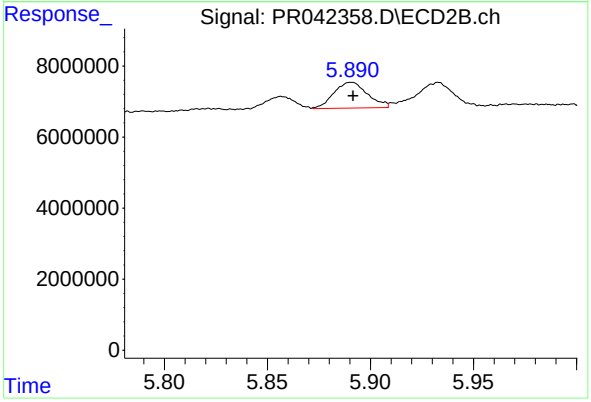
#25 AR-1248-5

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 8541262
Conc: 22.94 ng/ml



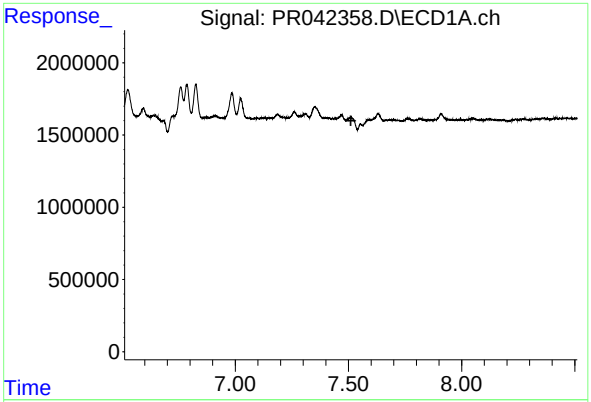
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 3032728
Conc: 16.88 ng/ml



#26 AR-1254-1

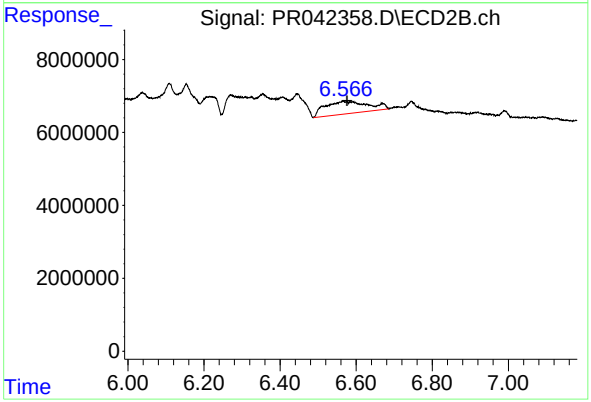
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 8256129
Conc: 14.36 ng/ml



#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



#31 AR-1260-1

R.T.: 6.566 min
Delta R.T.: -0.010 min
Response: 27005838
Conc: 46.69 ng/ml