Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR043019\
Data File : PR037493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2019 13:28
Operator : SM\SJ
Sample : K2241-01
Misc : AR1660 LOD 25PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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5/2/2019 4:09:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:08:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Apr 22 17:27:39 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...	4.369	3.405	24049723	92235205	19.224	19.234m
2)	SA Decachlor...	10.003	8.251	29051846	131.2E6	21.966	22.523
	Target Compounds						
3)	L1 AR-1016-1	5.531	4.451	1519968	5551804	35.275	30.491
4)	L1 AR-1016-2	5.553	4.468	2083892	8531380	30.093	30.240
5)	L1 AR-1016-3	5.615	4.638	1357935	4328116	33.672	30.102
6)	L1 AR-1016-4	5.712	4.681	964172	3523943	29.360	31.852
7)	L1 AR-1016-5	6.004	4.885	1360180	4882981	39.667	32.123
31)	L7 AR-1260-1	7.119	5.891	2711411	10029739	41.091	34.316
32)	L7 AR-1260-2	7.374	6.078	3366603	19965904	42.239	43.349
33)	L7 AR-1260-3	7.731	6.226	2403207	13125053	38.405	36.817
34)	L7 AR-1260-4	7.957	6.689	2886629	10865626	38.797	35.653
35)	L7 AR-1260-5	8.270	6.932	4790251	26402432	33.123	30.444

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

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Data File : PR037493.D
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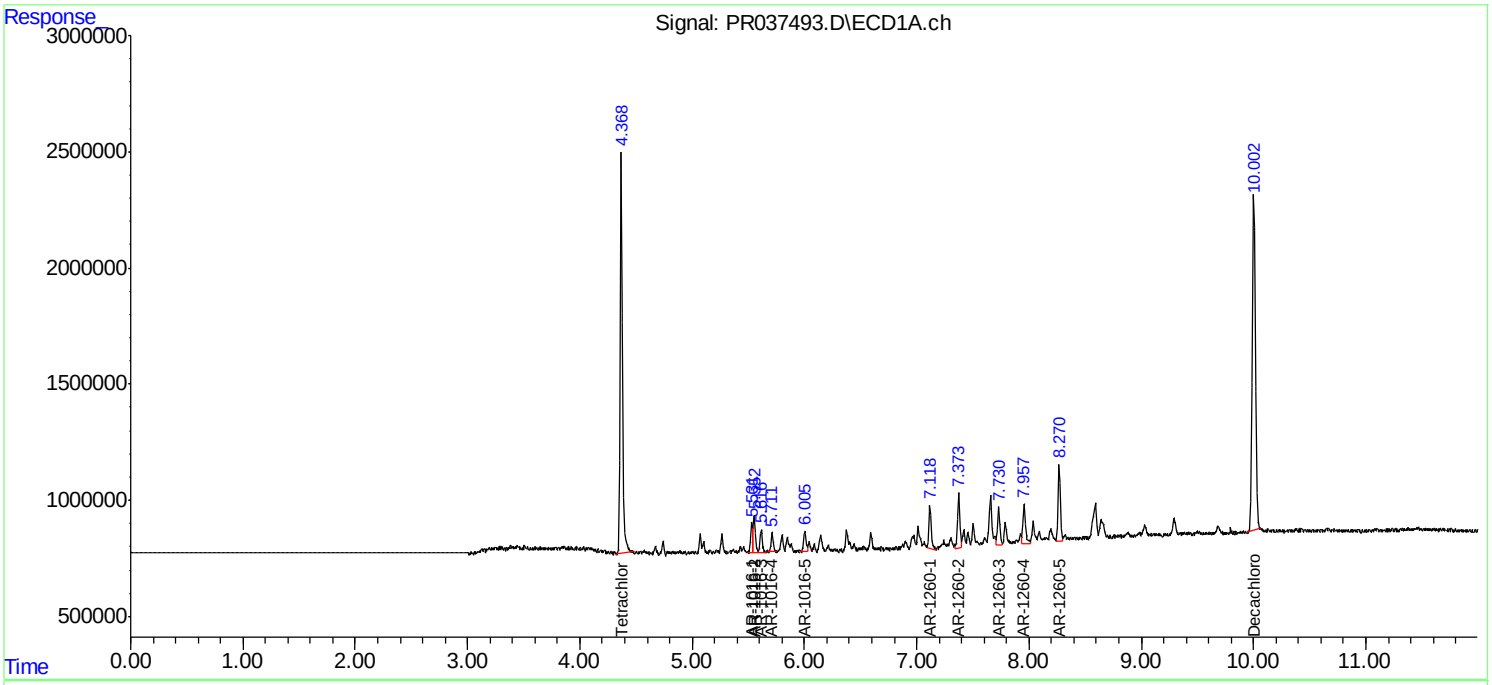

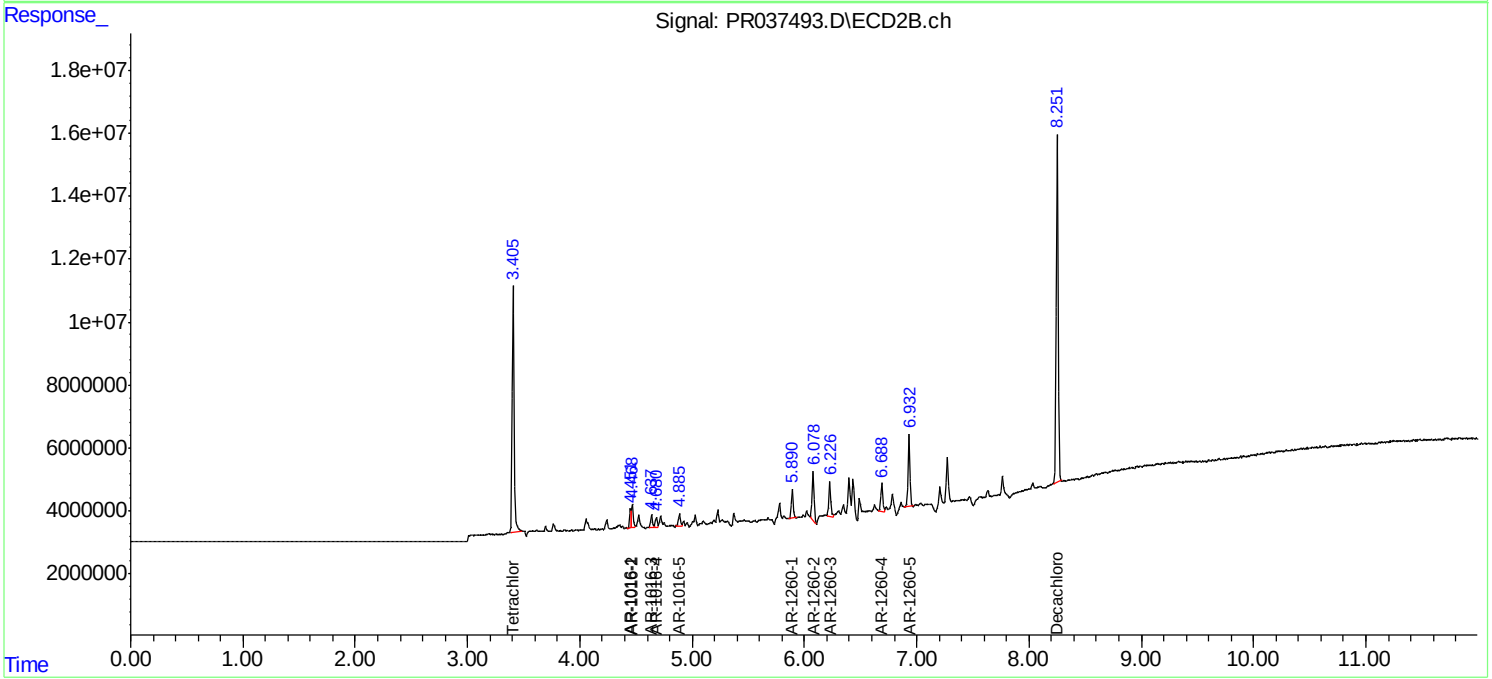

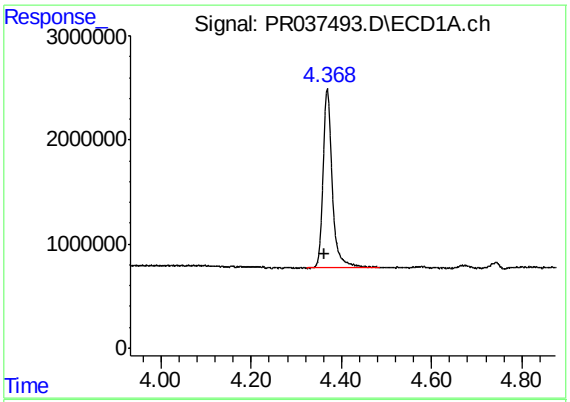

#1 Tetrachloro-m-xylene

R.T.: 4.369 min
Delta R.T.: 0.007 min
Response: 24049723
Conc: 19.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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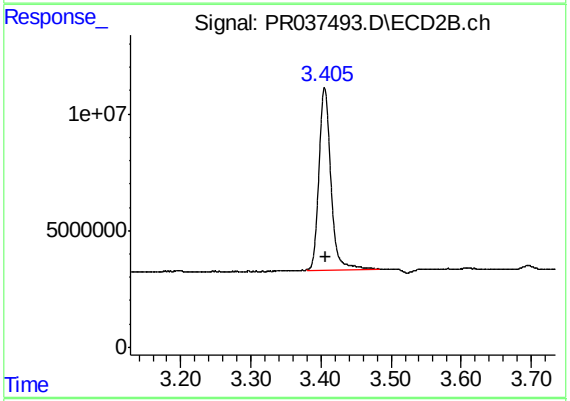
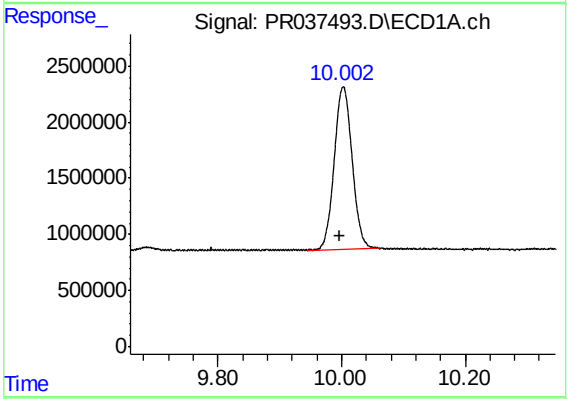


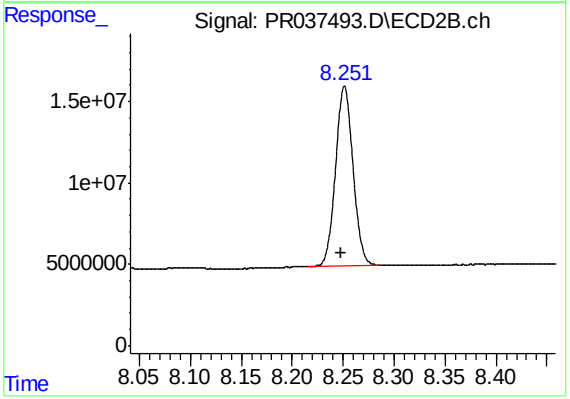
#1 Tetrachloro-m-xylene

R.T.: 3.405 min
Delta R.T.: -0.002 min
Response: 92235205
Conc: 19.23 ng/ml m



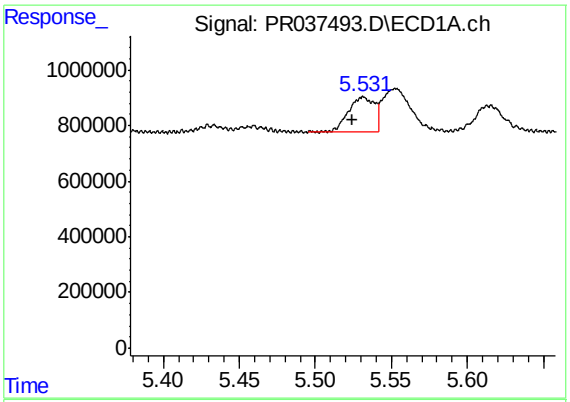
#2 Decachlorobiphenyl

R.T.: 10.003 min
Delta R.T.: 0.006 min
Response: 29051846
Conc: 21.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.251 min
Delta R.T.: 0.004 min
Response: 131179863
Conc: 22.52 ng/ml



#3 AR-1016-1

R.T.: 5.531 min
Delta R.T.: 0.007 min
Response: 1519968
Conc: 35.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
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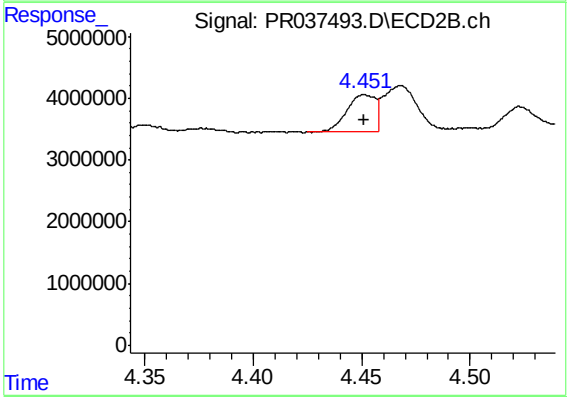
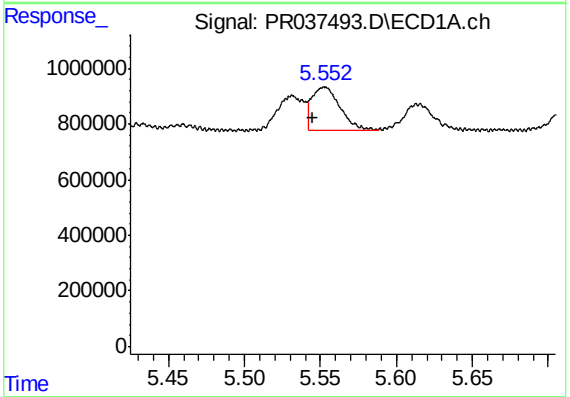


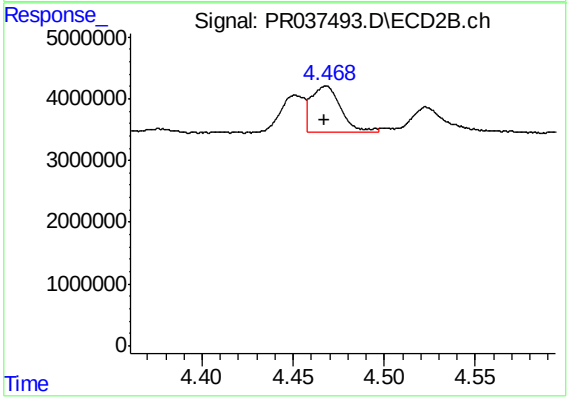
#3 AR-1016-1

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 5551804
Conc: 30.49 ng/ml



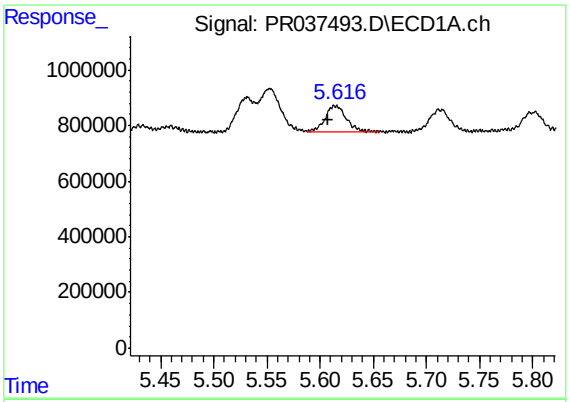
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: 0.008 min
Response: 2083892
Conc: 30.09 ng/ml



#4 AR-1016-2

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 8531380
Conc: 30.24 ng/ml



#5 AR-1016-3

R.T.: 5.615 min
Delta R.T.: 0.007 min
Response: 1357935
Conc: 33.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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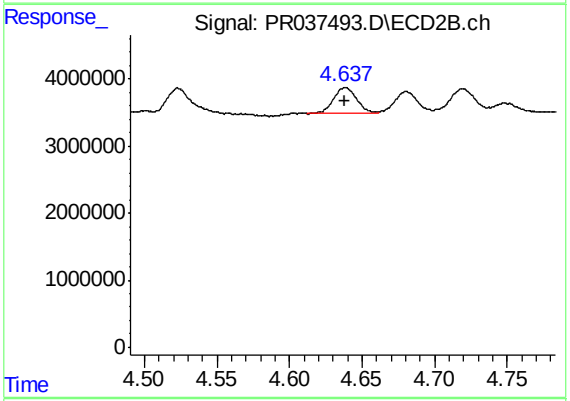
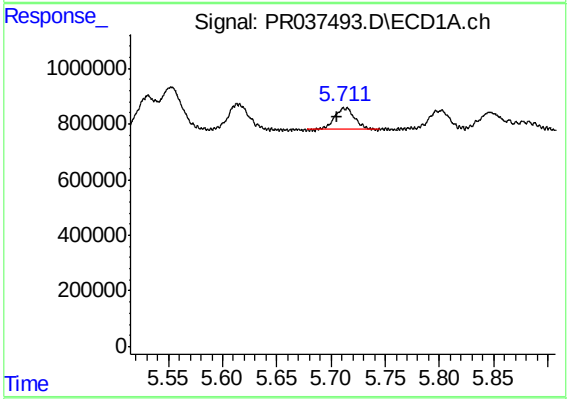


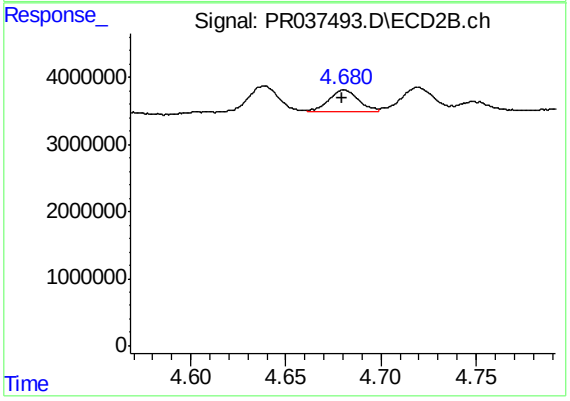
#5 AR-1016-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 4328116
Conc: 30.10 ng/ml



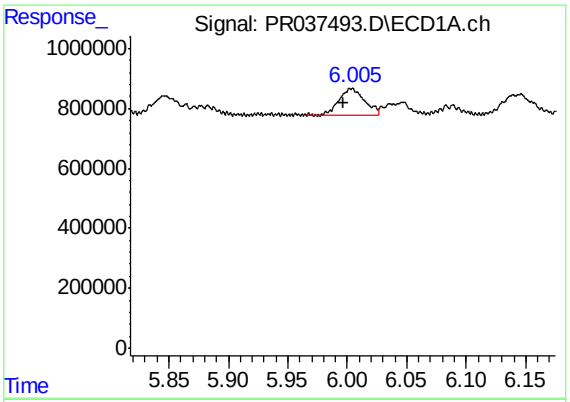
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: 0.006 min
Response: 964172
Conc: 29.36 ng/ml



#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 3523943
Conc: 31.85 ng/ml



#7 AR-1016-5

R.T.: 6.004 min
Delta R.T.: 0.006 min
Response: 1360180
Conc: 39.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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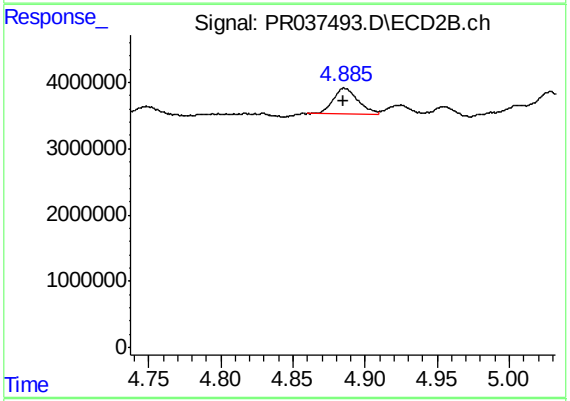
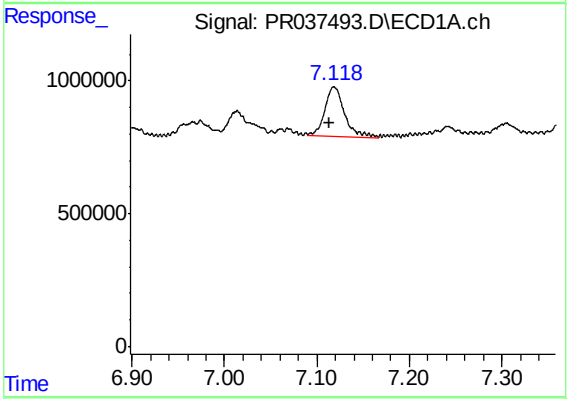


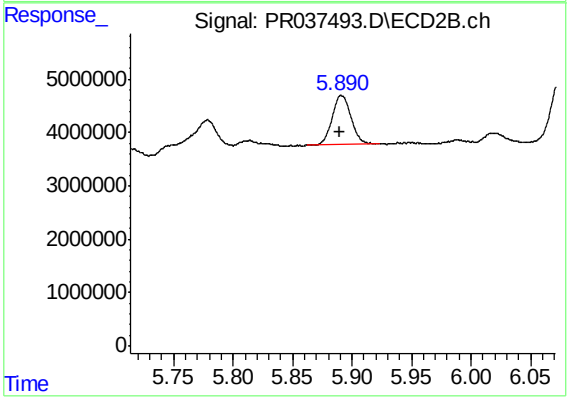
#7 AR-1016-5

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 4882981
Conc: 32.12 ng/ml



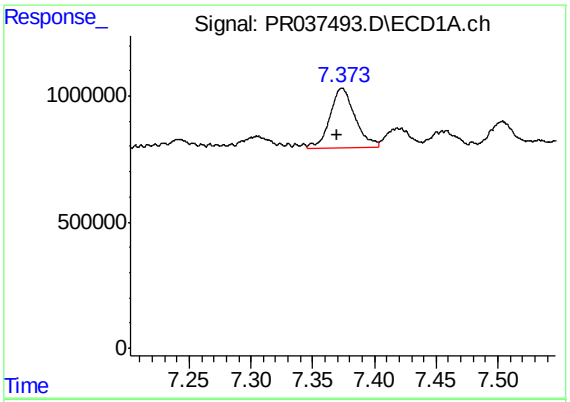
#31 AR-1260-1

R.T.: 7.119 min
Delta R.T.: 0.005 min
Response: 2711411
Conc: 41.09 ng/ml



#31 AR-1260-1

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 10029739
Conc: 34.32 ng/ml



#32 AR-1260-2

R.T.: 7.374 min
Delta R.T.: 0.004 min
Response: 3366603
Conc: 42.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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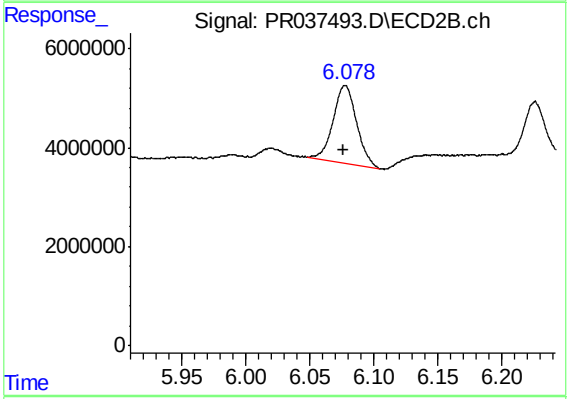
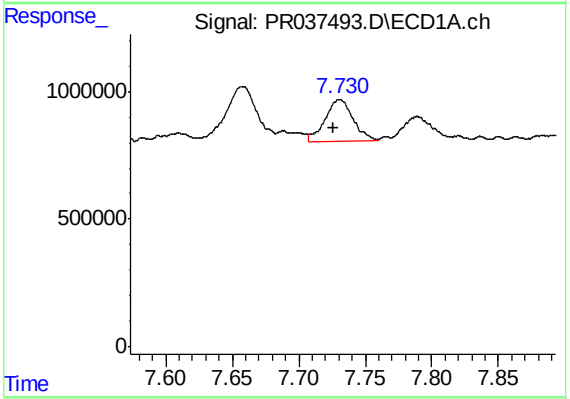


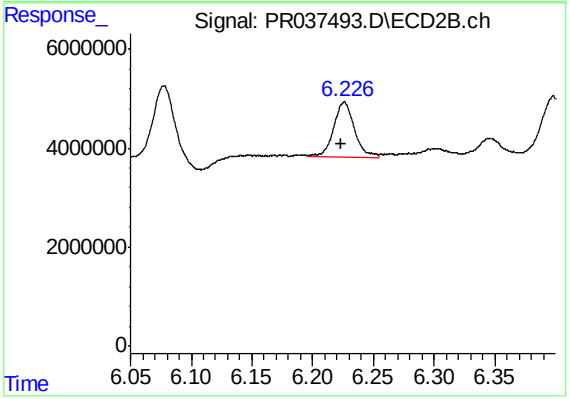
#32 AR-1260-2

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 19965904
Conc: 43.35 ng/ml



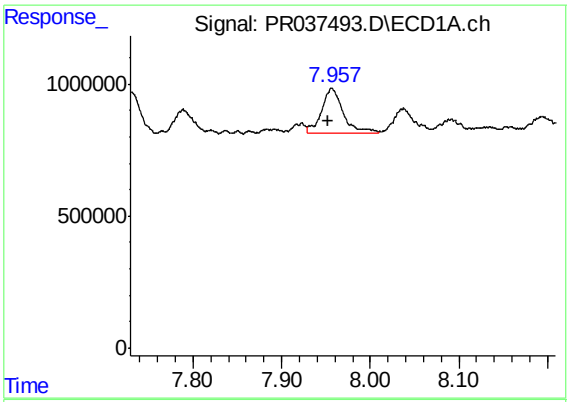
#33 AR-1260-3

R.T.: 7.731 min
Delta R.T.: 0.004 min
Response: 2403207
Conc: 38.40 ng/ml



#33 AR-1260-3

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 13125053
Conc: 36.82 ng/ml



#34 AR-1260-4

R.T.: 7.957 min
Delta R.T.: 0.004 min
Response: 2886629
Conc: 38.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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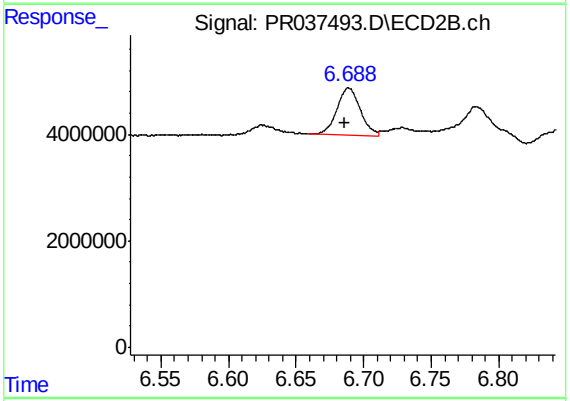
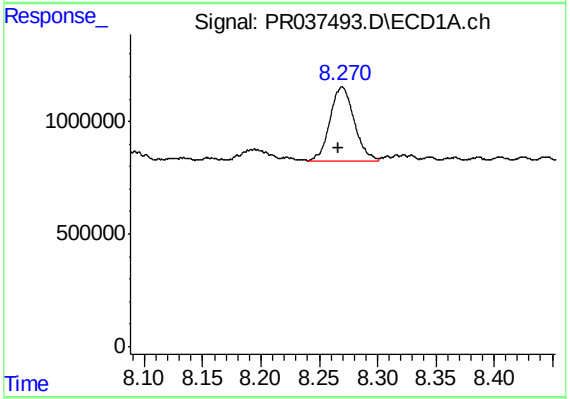


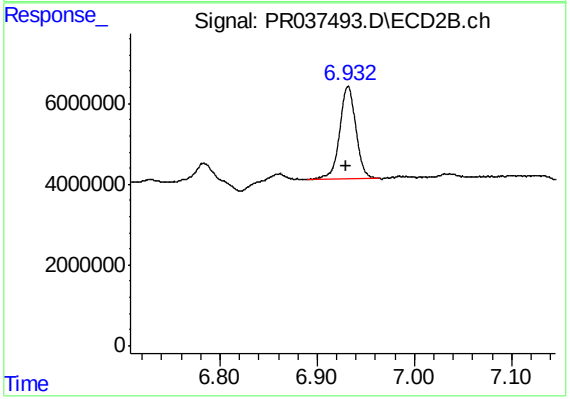
#34 AR-1260-4

R.T.: 6.689 min
Delta R.T.: 0.003 min
Response: 10865626
Conc: 35.65 ng/ml



#35 AR-1260-5

R.T.: 8.270 min
Delta R.T.: 0.004 min
Response: 4790251
Conc: 33.12 ng/ml



#35 AR-1260-5

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 26402432
Conc: 30.44 ng/ml