

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102219\
 Data File : PL053566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2019 10:27
 Operator : SG\AJ
 Sample : K5111-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 02:14:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	4.045	206.0E6	49271696	19.008	19.690
28)	SA Decachlor...	8.332	9.123	183.8E6	54329208	18.729	19.293
Target Compounds							
2)	A alpha-BHC	3.987	4.435	18400341	2877207	1.055	0.832
3)	MA gamma-BHC...	4.274	4.721	12007231	2474571	0.771	0.768
4)	MA Heptachlor	4.581	5.231	14021086	2970554	0.888	0.922
5)	MB Aldrin	4.832	5.537	11054521	2680344	0.773m	0.899
6)	B beta-BHC	4.524	4.892	6591498	1510926	1.000	0.978
7)	B delta-BHC	4.732	5.108	9670270	1823718	0.635	0.604
8)	B Heptachlo...	5.278	5.921	11396275	4305371	0.844m	1.476m#
9)	A Endosulfan I	5.619	6.280	12457975	2481835	1.013m	0.915
10)	B gamma-Chl...	5.506	6.157	10855161	2347887	0.796m	0.805
11)	B alpha-Chl...	5.565	6.230	10875893	2990185	0.818m	1.024 #
12)	B 4,4'-DDE	5.728	6.385	7935637	2836562	0.668m	1.007 #
13)	MA Dieldrin	5.865	6.537	11860112	2308334	0.910	0.809
14)	MA Endrin	6.123	6.753	8603054	2509916	0.742m	1.034 #
15)	B Endosulfa...	6.397	6.962	10402582	2782968	0.930	1.089m
16)	A 4,4'-DDD	6.245	6.875	6844009	3325627	0.769m	1.596 #
17)	MA 4,4'-DDT	6.489	7.173	6258758	1965534	0.632	0.850m#
18)	B Endrin al...	6.565	7.086	7095499	2198540	0.774	1.001m#
19)	B Endosulfa...	6.779	7.310	9084167	2399507	0.893	0.978
20)	A Methoxychlor	7.034	7.629	4182833	1131075	0.848m	0.871m
21)	B Endrin ke...	7.274	7.781	7444253	2659964	0.692	1.032 #
22)	Mirex	7.467	8.237	8394139	1759110	0.981	0.870

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102219\
Data File : PL053566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 10:27
Operator : SG\AJ
Sample : K5111-03
Misc : PEST MDL 1 PPB
ALS Vial : 7 Sample Multiplier: 1

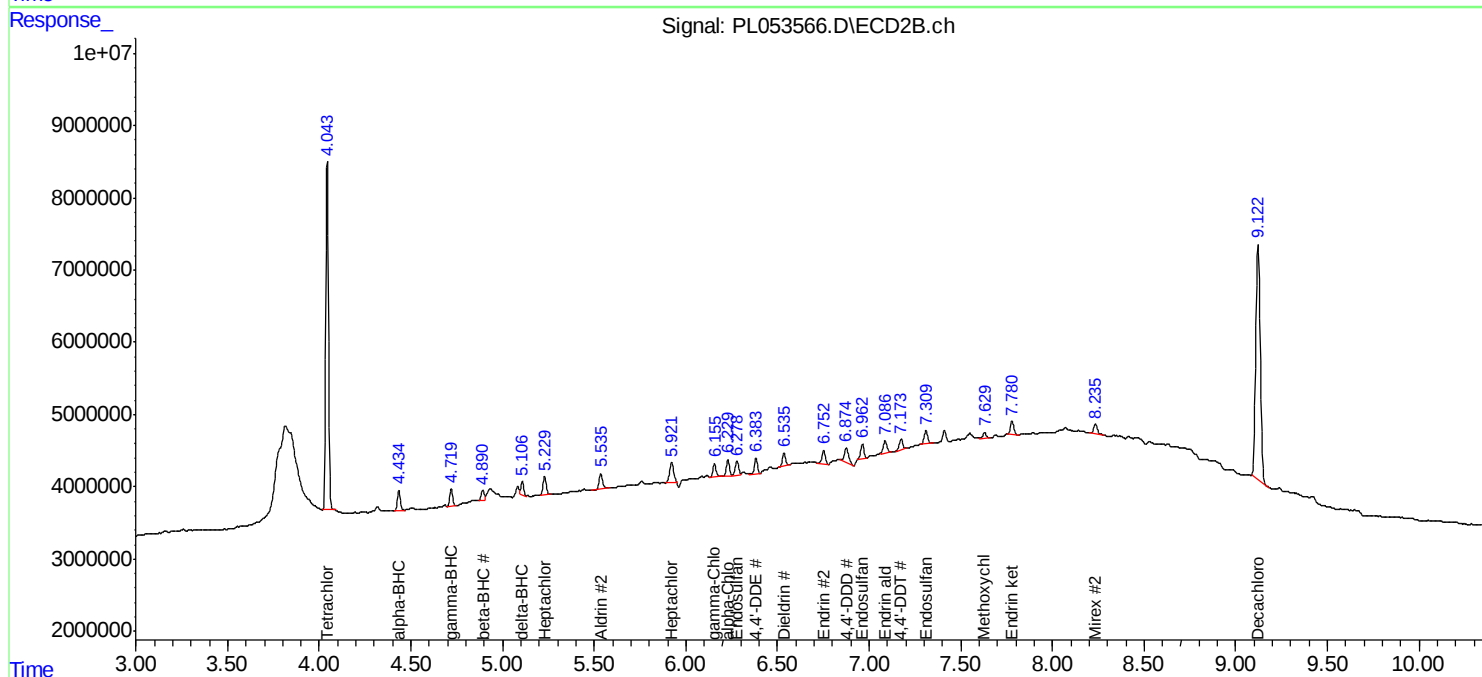
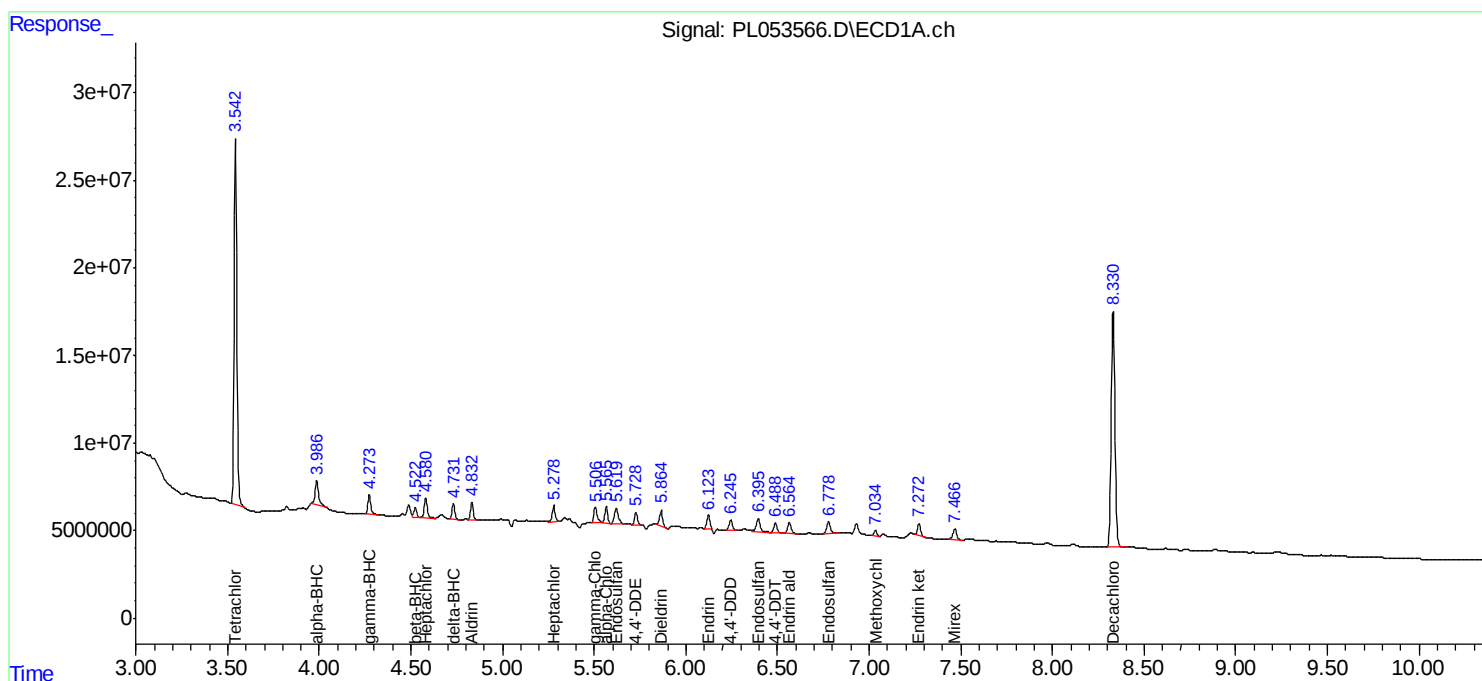
Instrument :
ECD_L
ClientSampled :
MDL-MDL-SOIL-03-QT4-2019

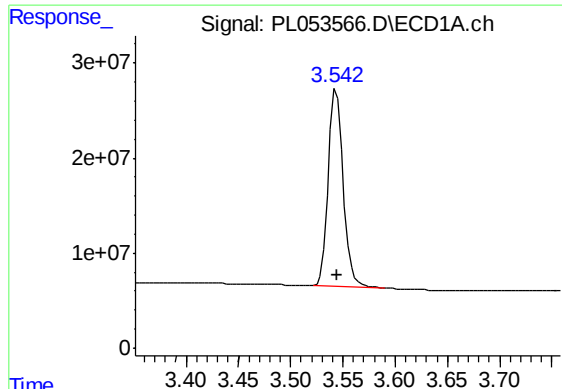
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 02:14:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





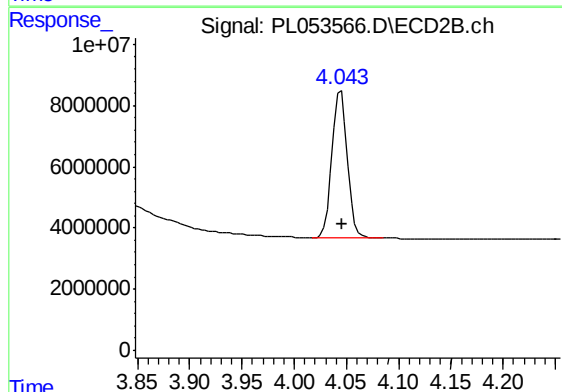
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 206039691
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

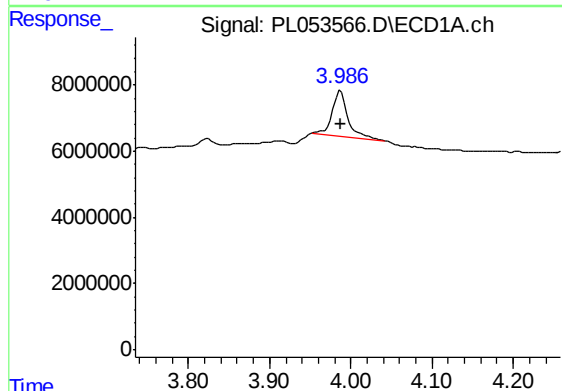
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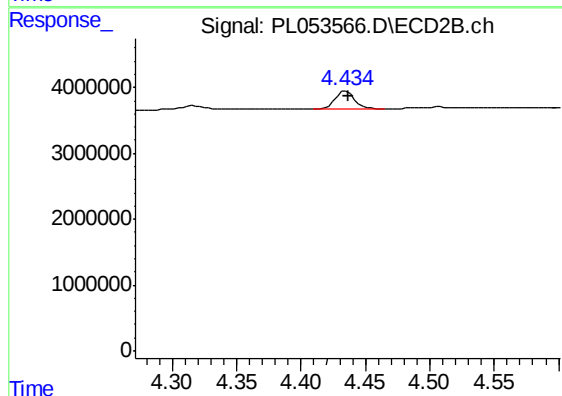
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 49271696
Conc: 19.69 ng/ml



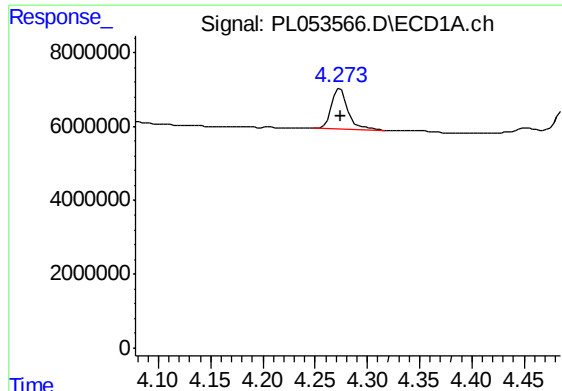
#2 alpha-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 18400341
Conc: 1.06 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 2877207
Conc: 0.83 ng/ml



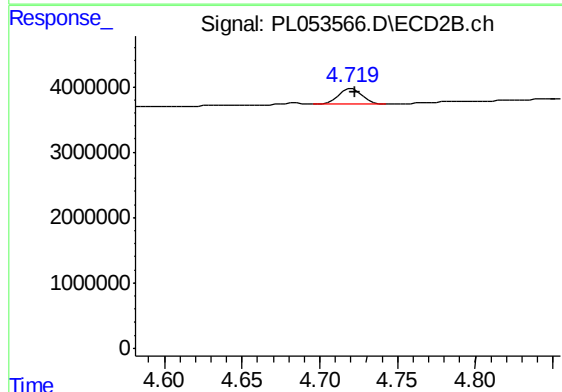
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 12007231
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

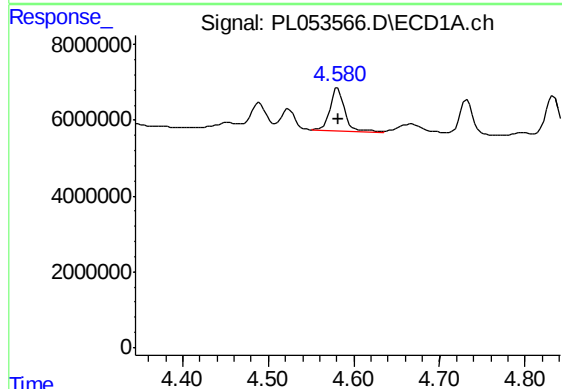
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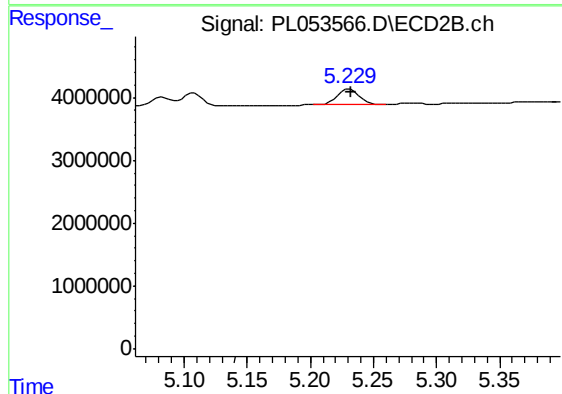
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 2474571
Conc: 0.77 ng/ml



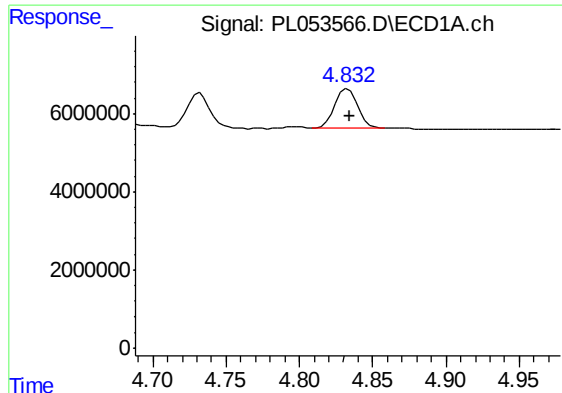
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 14021086
Conc: 0.89 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 2970554
Conc: 0.92 ng/ml



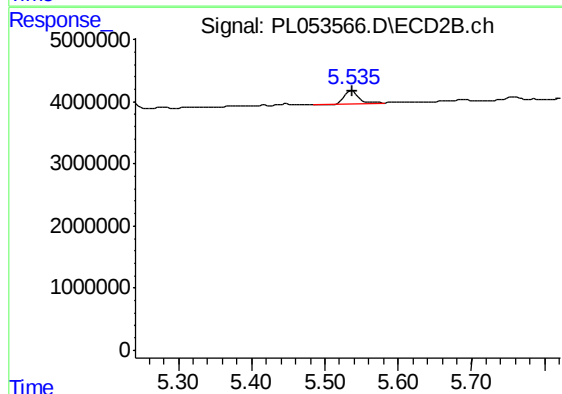
#5 Aldrin

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 11054521
Conc: 0.77 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

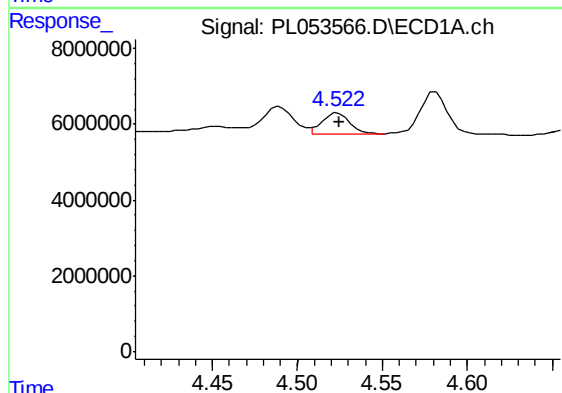
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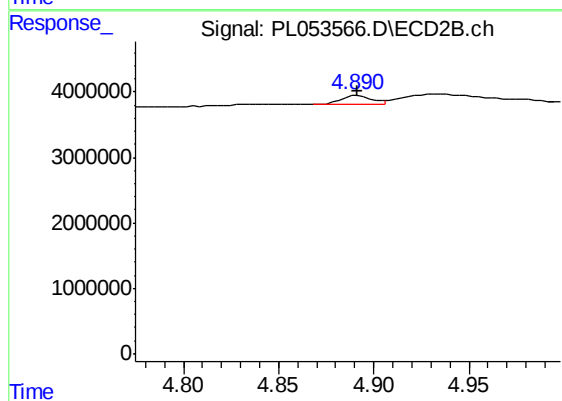
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 2680344
Conc: 0.90 ng/ml



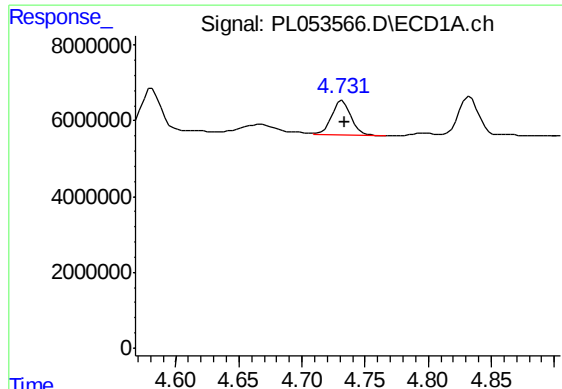
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 6591498
Conc: 1.00 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 1510926
Conc: 0.98 ng/ml



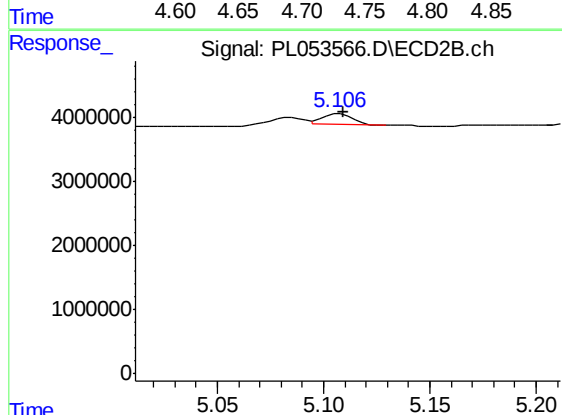
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 9670270
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

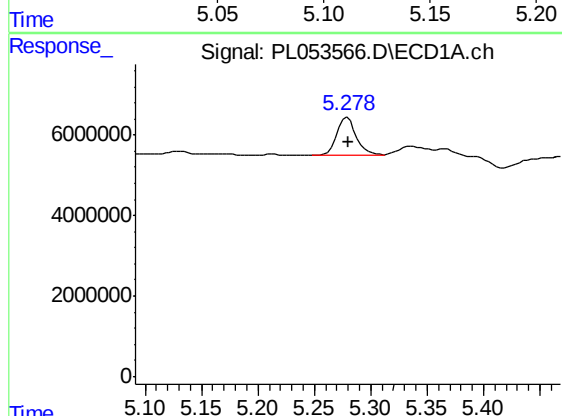
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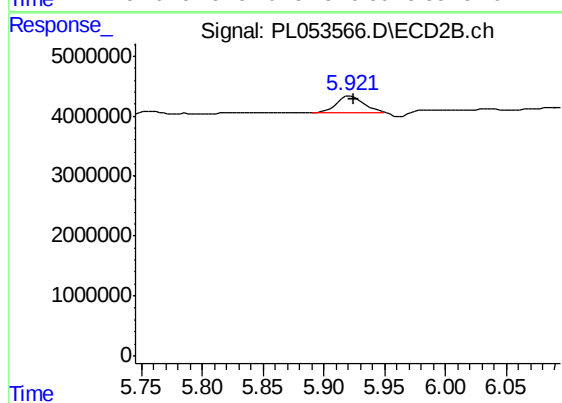
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 1823718
Conc: 0.60 ng/ml



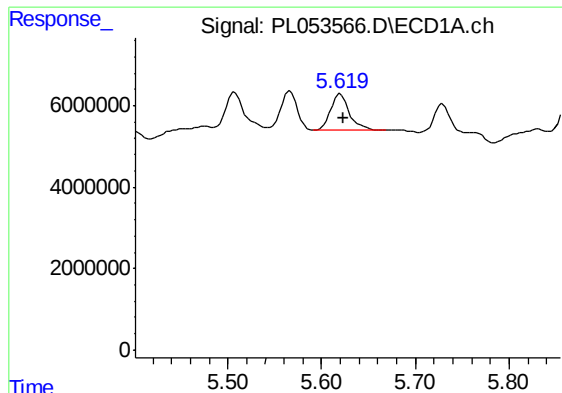
#8 Heptachlor epoxide

R.T.: 5.278 min
Delta R.T.: -0.003 min
Response: 11396275
Conc: 0.84 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 4305371
Conc: 1.48 ng/ml m



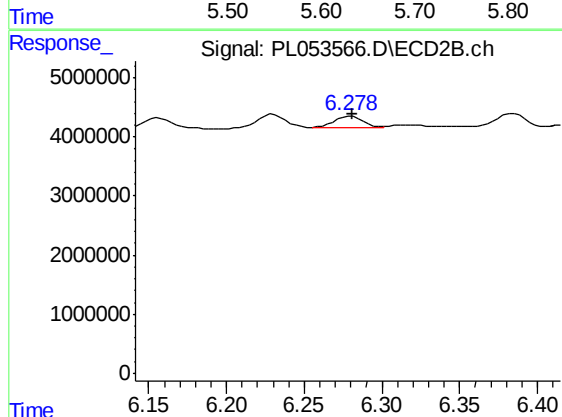
#9 Endosulfan I

R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 12457975
Conc: 1.01 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

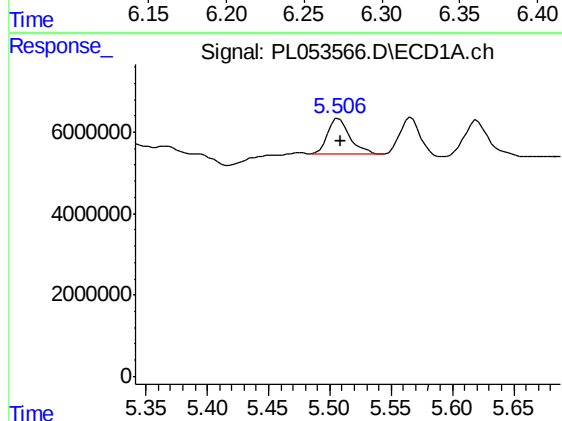
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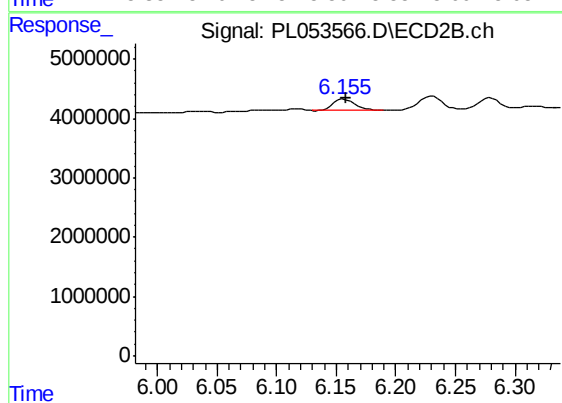
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 2481835
Conc: 0.92 ng/ml



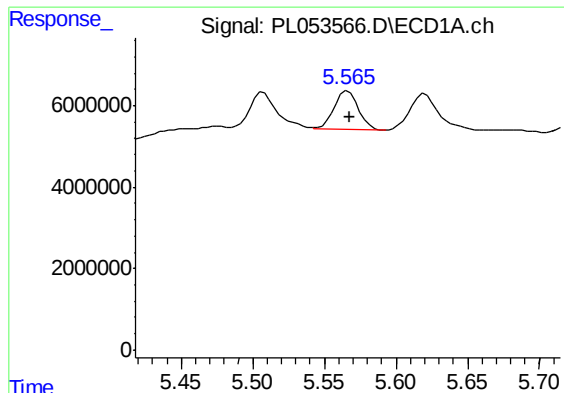
#10 gamma-Chlordane

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 10855161
Conc: 0.80 ng/ml m



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 2347887
Conc: 0.80 ng/ml



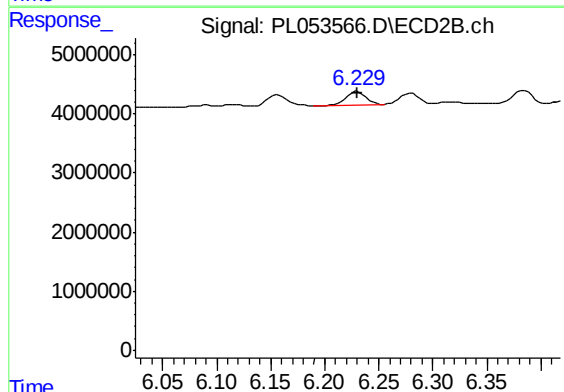
#11 alpha-Chlordane

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 10875893
Conc: 0.82 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

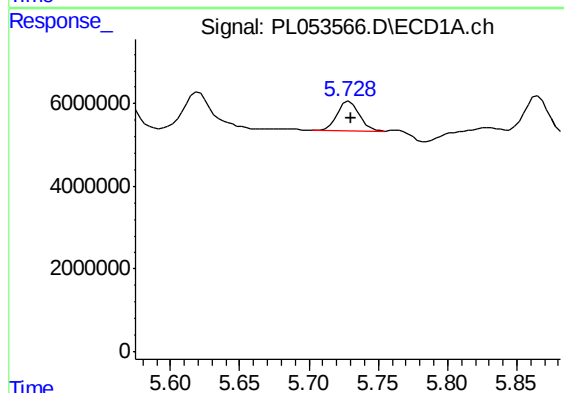
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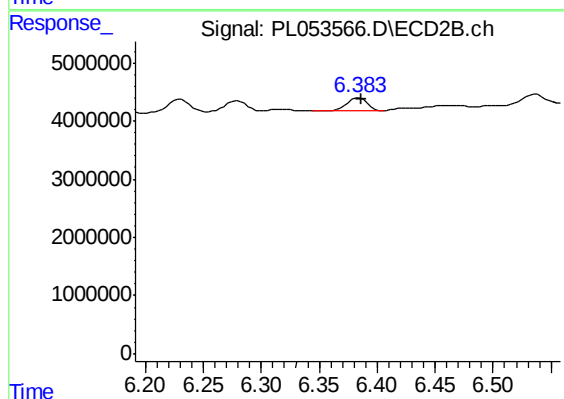
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 2990185
Conc: 1.02 ng/ml



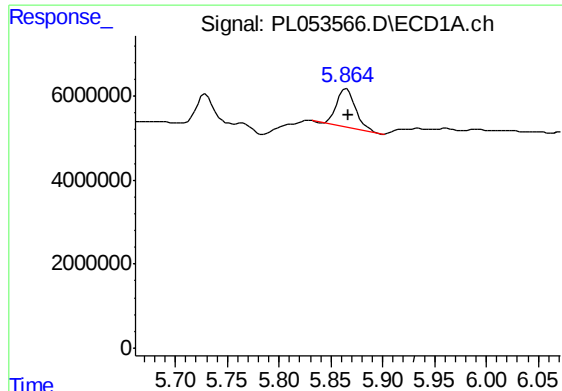
#12 4,4'-DDE

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 7935637
Conc: 0.67 ng/ml m



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 2836562
Conc: 1.01 ng/ml



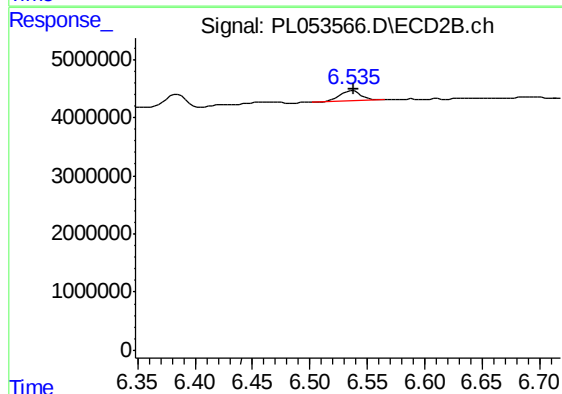
#13 Dieldrin

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 11860112
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

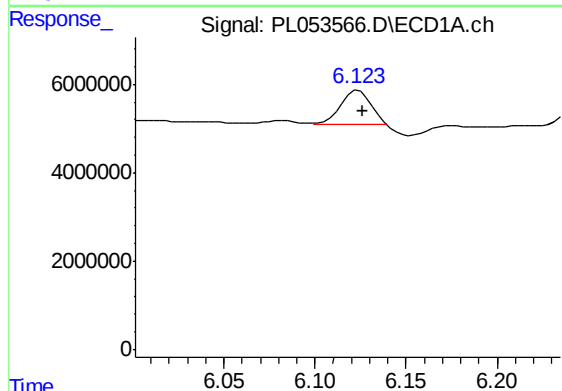
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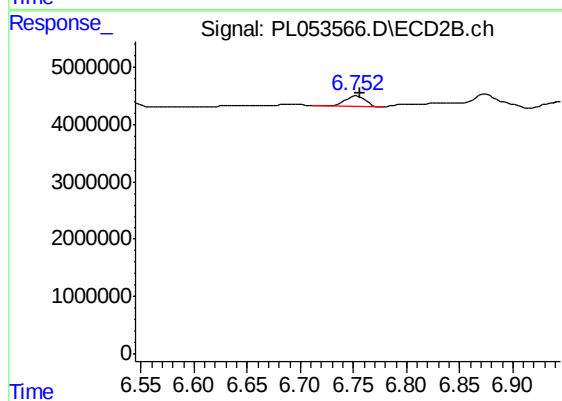
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 2308334
Conc: 0.81 ng/ml



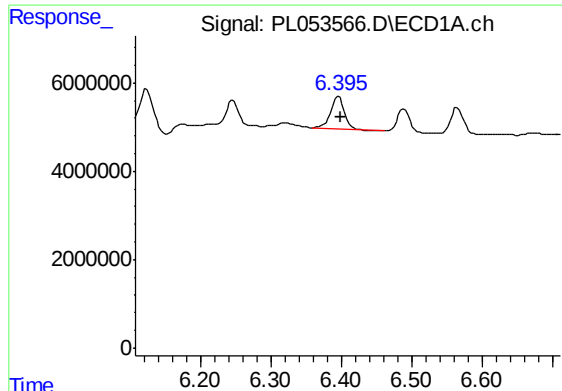
#14 Endrin

R.T.: 6.123 min
Delta R.T.: -0.004 min
Response: 8603054
Conc: 0.74 ng/ml m



#14 Endrin

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 2509916
Conc: 1.03 ng/ml



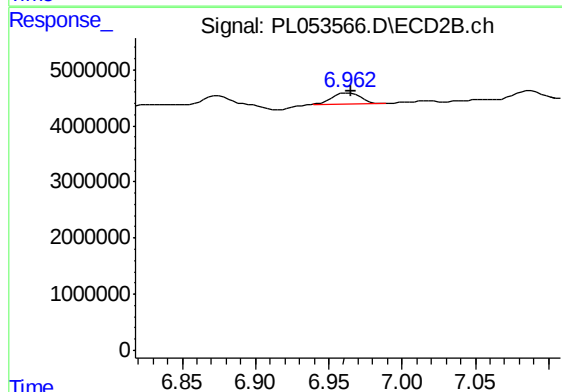
#15 Endosulfan II

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 10402582
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

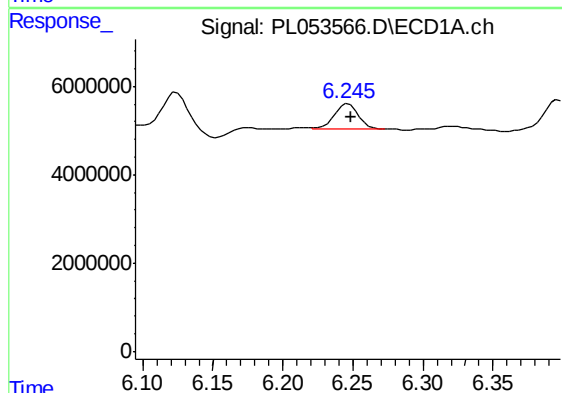
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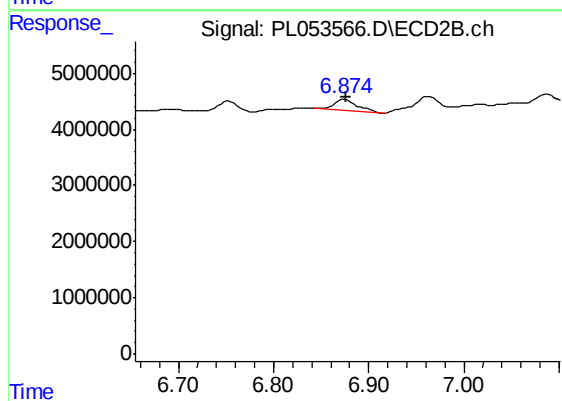
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 2782968
Conc: 1.09 ng/ml m



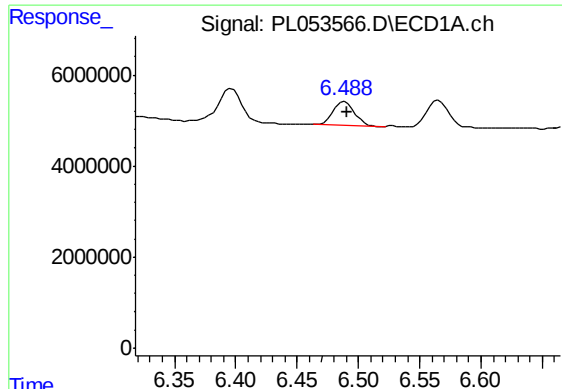
#16 4,4'-DDD

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 6844009
Conc: 0.77 ng/ml m



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 3325627
Conc: 1.60 ng/ml



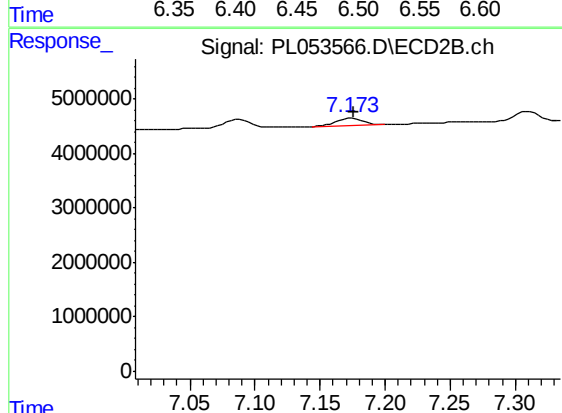
#17 4,4'-DDT

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 6258758
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

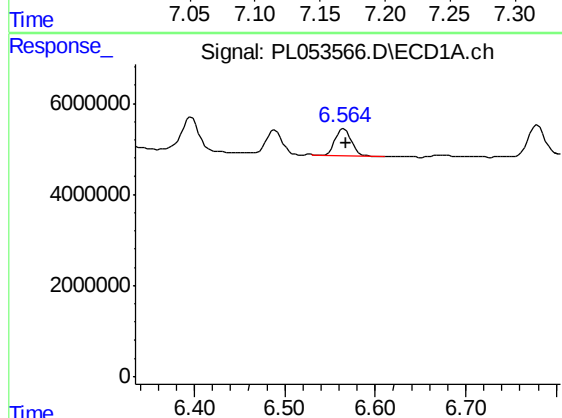
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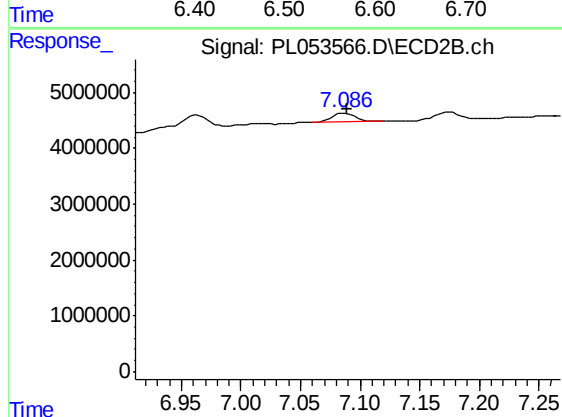
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 1965534
Conc: 0.85 ng/ml m



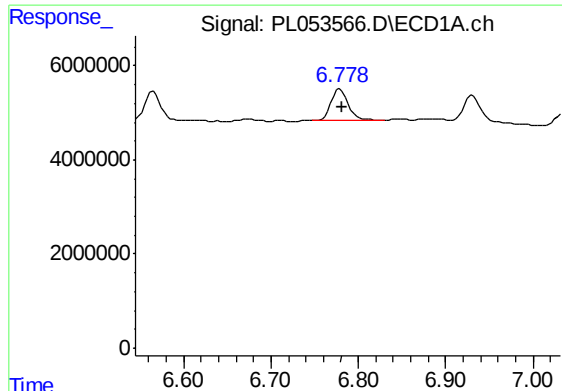
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 7095499
Conc: 0.77 ng/ml



#18 Endrin aldehyde

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 2198540
Conc: 1.00 ng/ml m



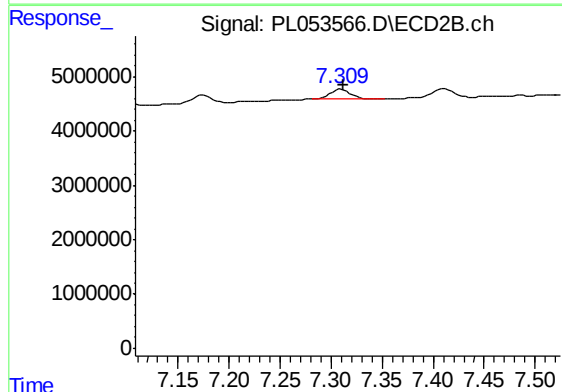
#19 Endosulfan Sulfate

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 9084167
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

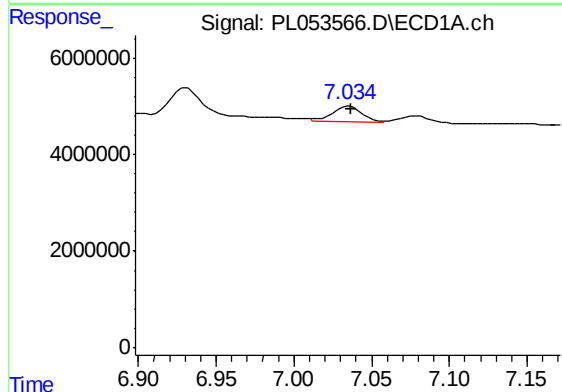
Manual Integrations
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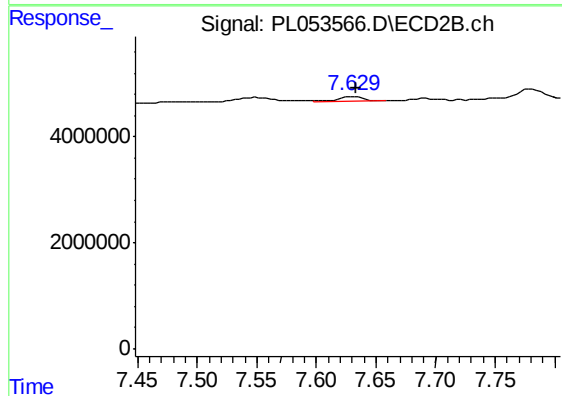
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 2399507
Conc: 0.98 ng/ml



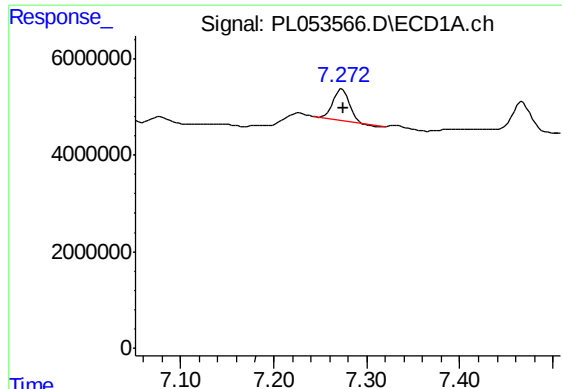
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 4182833
Conc: 0.85 ng/ml m



#20 Methoxychlor

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 1131075
Conc: 0.87 ng/ml m



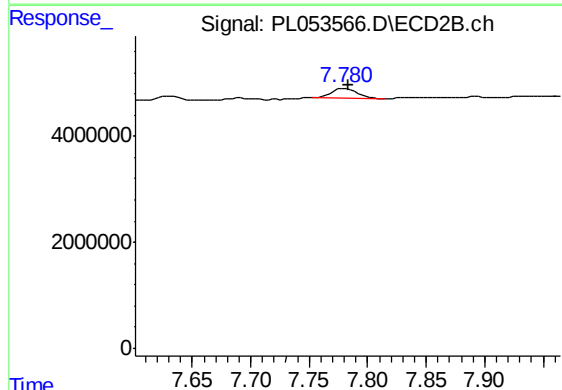
#21 Endrin ketone

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 7444253
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

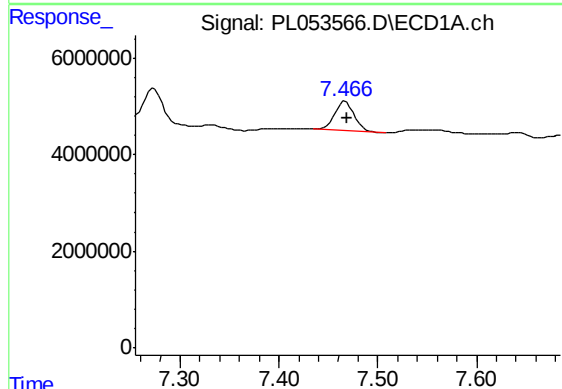
Manual Integrations
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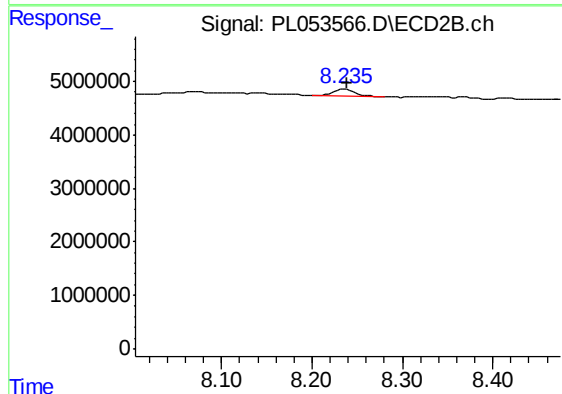
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 2659964
Conc: 1.03 ng/ml



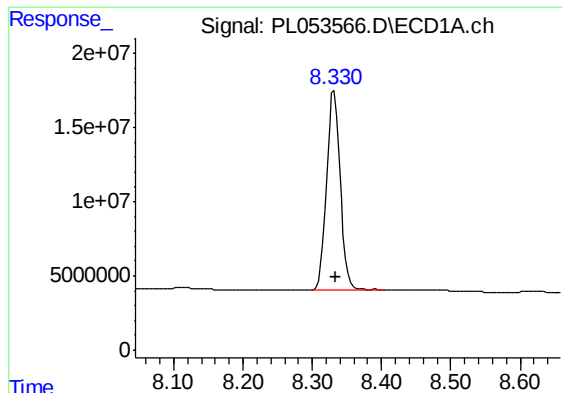
#22 Mirex

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 8394139
Conc: 0.98 ng/ml



#22 Mirex

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 1759110
Conc: 0.87 ng/ml



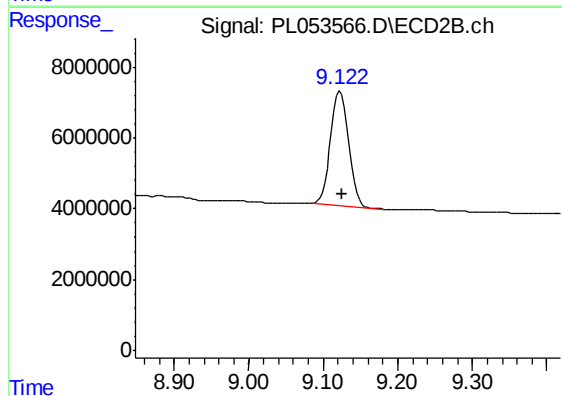
#28 Decachlorobiphenyl

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 183756873
Conc: 18.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

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#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 54329208
Conc: 19.29 ng/ml