

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 11:24
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 7 Sample Multiplier: 1

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

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 00:58:29 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	183.9E6	44945897	16.966	17.961
28)	SA Decachlor...	8.331	9.123	174.9E6	51529016	17.828	18.299
Target Compounds							
2)	A alpha-BHC	3.986	4.435	36763609	6763798	2.108	1.956
3)	MA gamma-BHC...	4.273	4.719	26238882	7048107	1.685	2.189m#
4)	MA Heptachlor	4.581	5.231	29508523	7320264	1.870	2.272
5)	MB Aldrin	4.832	5.535	25421877	6552204	1.778	2.198m
6)	B beta-BHC	4.524	4.891	13792825	3832039	2.093	2.481
7)	B delta-BHC	4.732	5.108	20902932	5710879	1.373	1.891 #
8)	B Heptachlo...	5.278	5.923	25831445	6693895	1.914	2.295
9)	A Endosulfan I	5.620	6.280	23234528	5814448	1.890	2.145
10)	B gamma-Chl...	5.507	6.156	25560094	6187285	1.873	2.121
11)	B alpha-Chl...	5.566	6.230	25421362	6307262	1.911	2.161
12)	B 4,4'-DDE	5.729	6.385	21994645	5828716	1.851	2.070
13)	MA Dieldrin	5.865	6.537	22880954	5880949	1.756	2.061
14)	MA Endrin	6.124	6.755	19702232	4580488	1.700	1.887
15)	B Endosulfa...	6.397	6.964	21124782	5605179	1.889	2.194
16)	A 4,4'-DDD	6.246	6.875	15989591	4284362	1.797	2.056
17)	MA 4,4'-DDT	6.489	7.174	15871925	4367491	1.602	1.889
18)	B Endrin al...	6.565	7.087	18648844	4529238	2.034	2.062
19)	B Endosulfa...	6.779	7.310	20900356	5346880	2.055	2.179
20)	A Methoxychlor	7.034	7.632	10017771	2890502	2.032m	2.225
21)	B Endrin ke...	7.272	7.781	21669254	5915996	2.013	2.294
22)	Mirex	7.467	8.236	20073413	4583749	2.347	2.266

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
Data File : PL053507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 11:24
Operator : SG\AJ
Sample : K5111-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 7 Sample Multiplier: 1

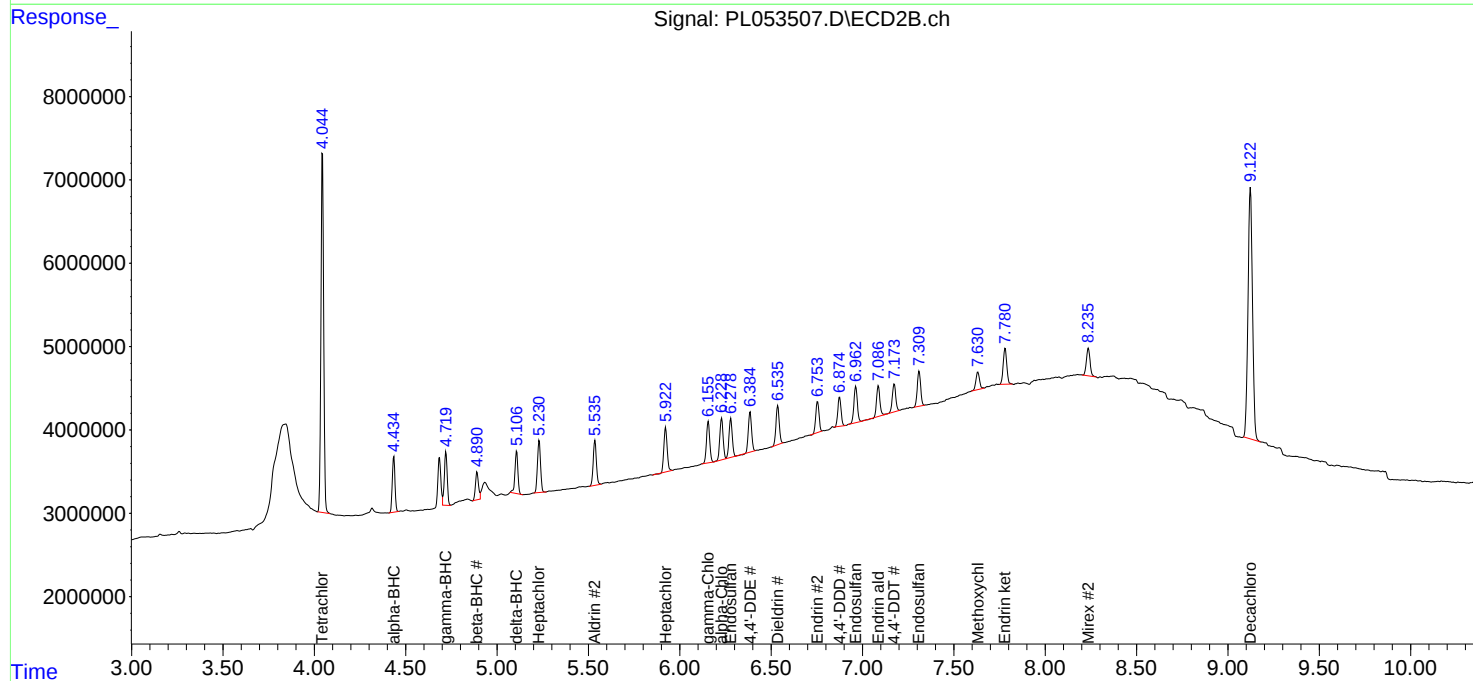
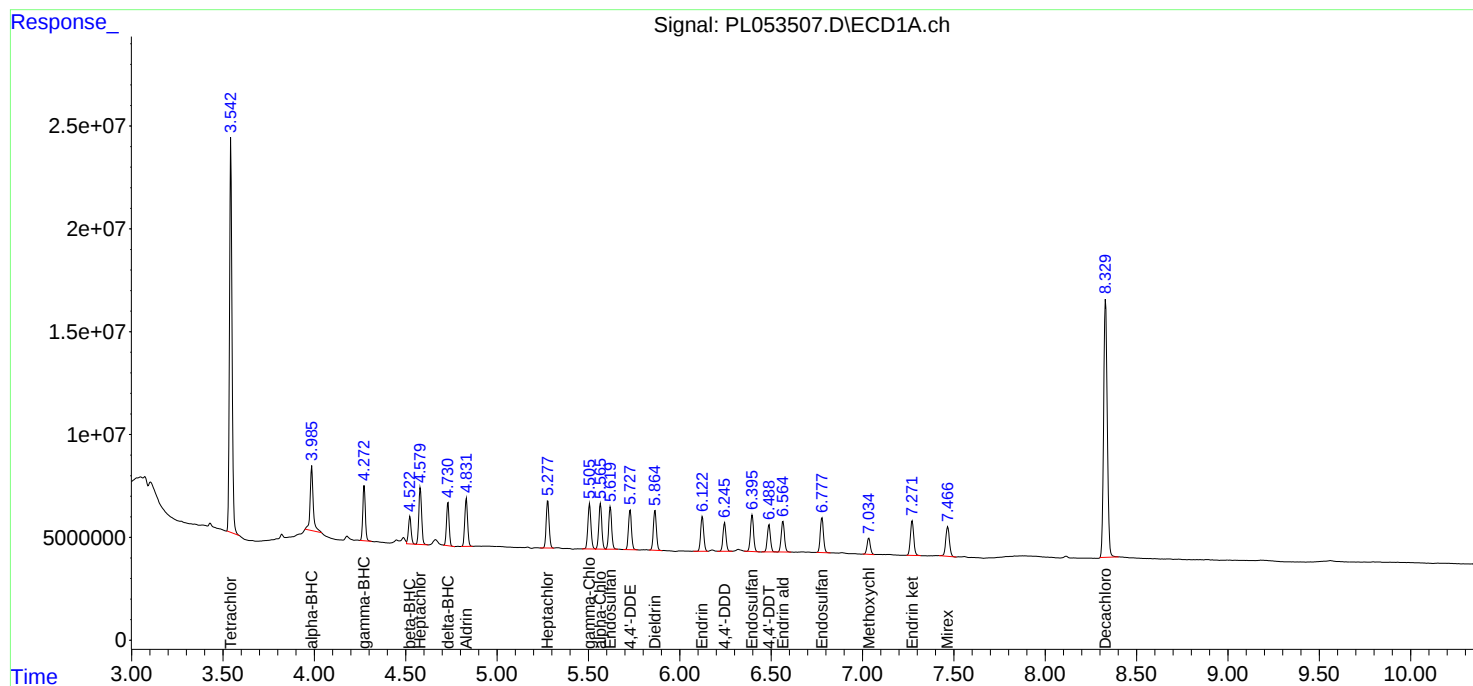
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

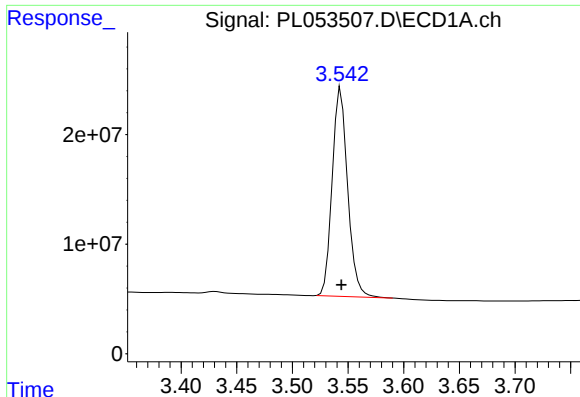
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 00:58:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response 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





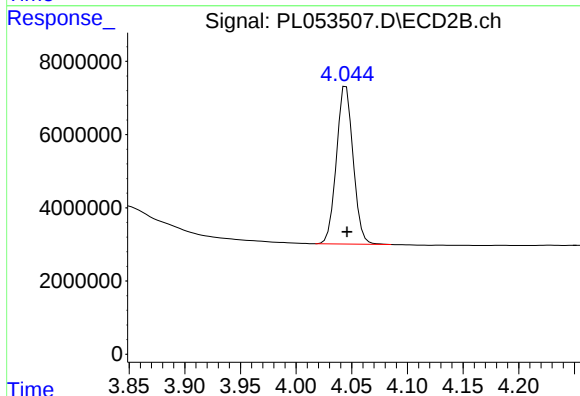
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 183902727
Conc: 16.97 ng/ml

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

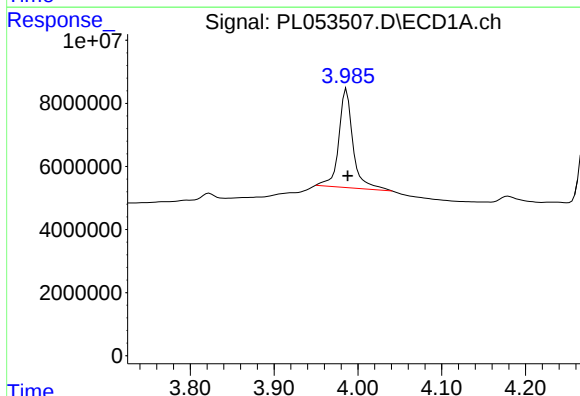
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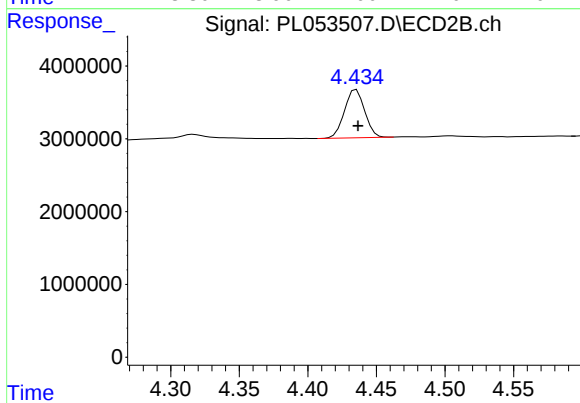
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 44945897
Conc: 17.96 ng/ml



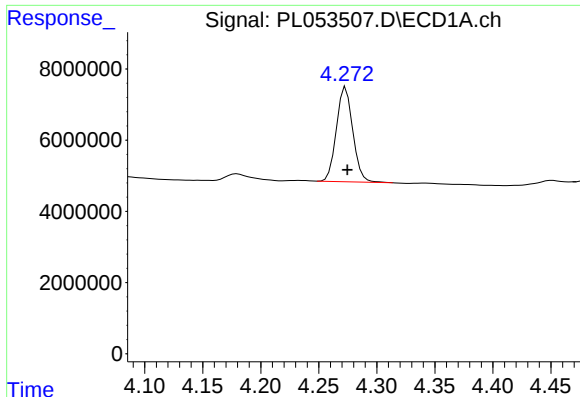
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 36763609
Conc: 2.11 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 6763798
Conc: 1.96 ng/ml



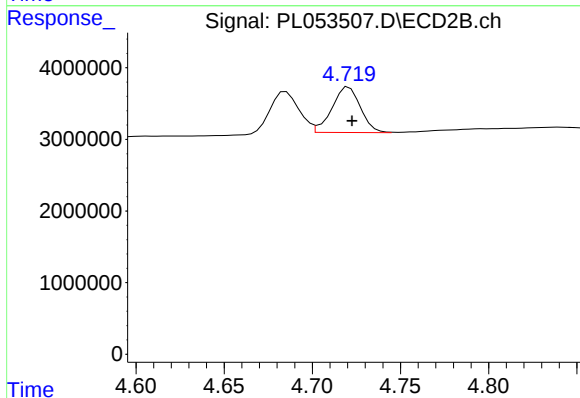
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: -0.001 min
Response: 26238882
Conc: 1.68 ng/ml

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

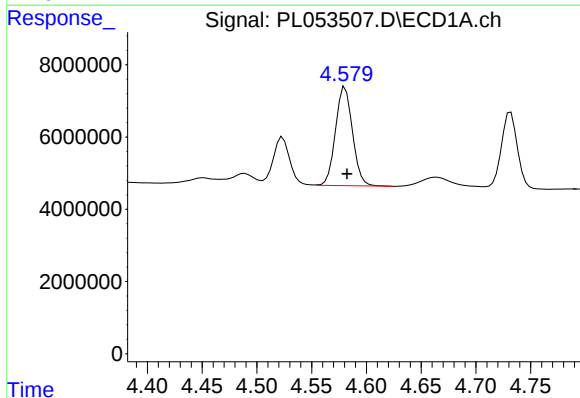
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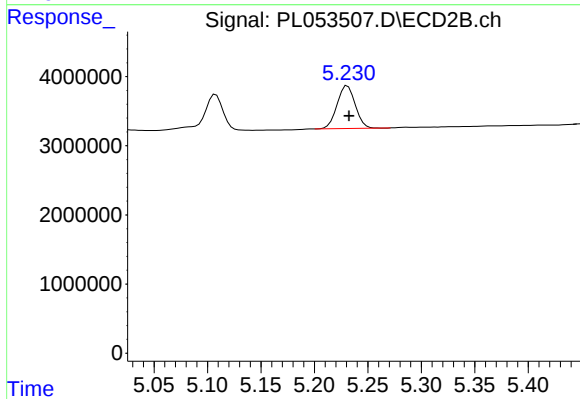
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.003 min
Response: 7048107
Conc: 2.19 ng/ml m



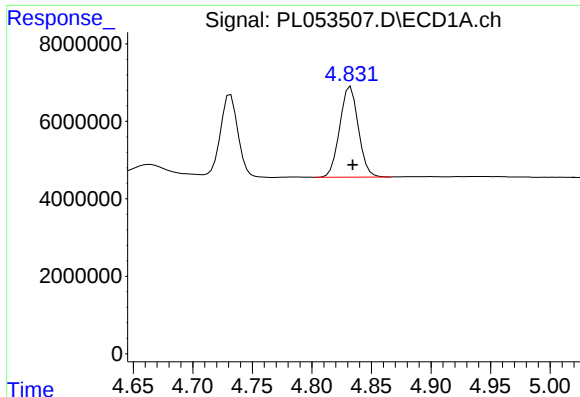
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 29508523
Conc: 1.87 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 7320264
Conc: 2.27 ng/ml



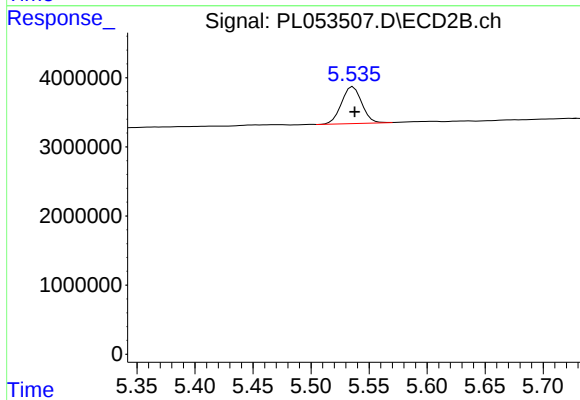
#5 Aldrin

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 25421877
Conc: 1.78 ng/ml

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

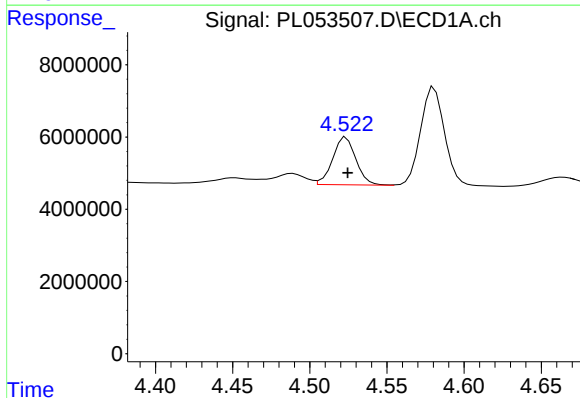
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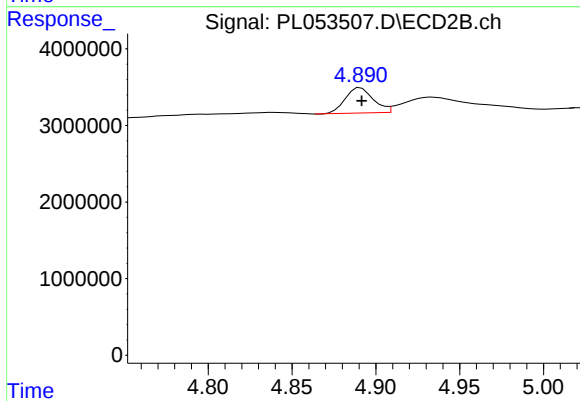
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 6552204
Conc: 2.20 ng/ml m



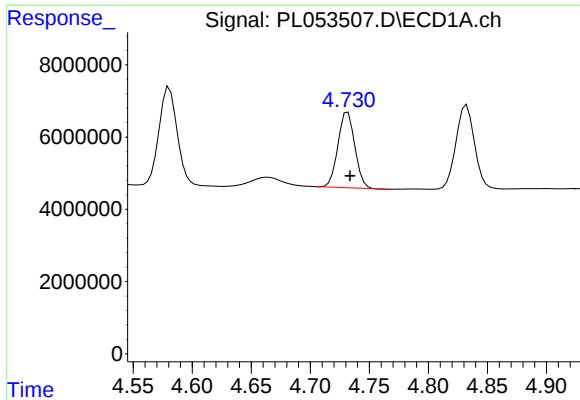
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 13792825
Conc: 2.09 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 3832039
Conc: 2.48 ng/ml



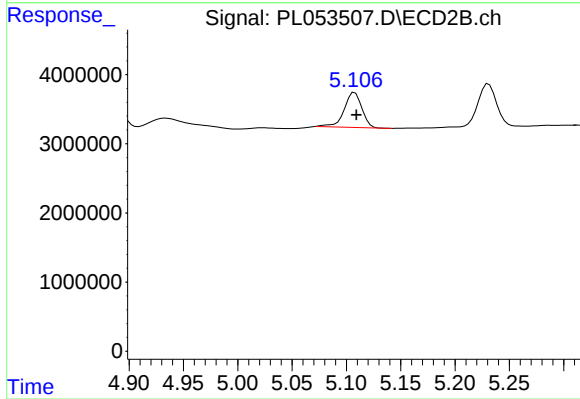
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 20902932
Conc: 1.37 ng/ml

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

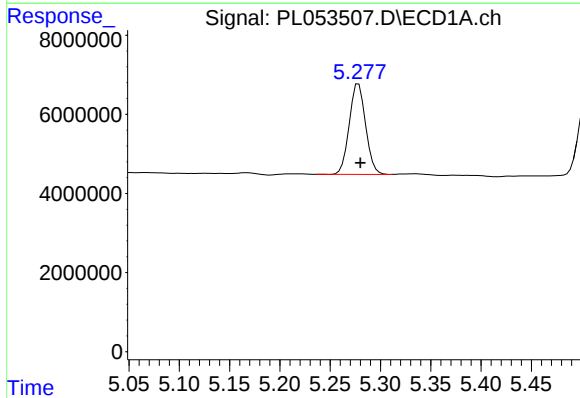
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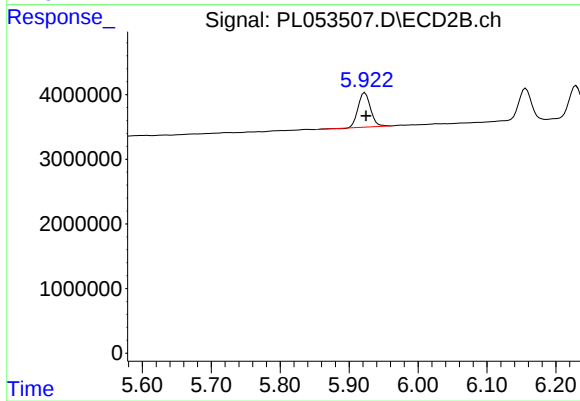
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 5710879
Conc: 1.89 ng/ml



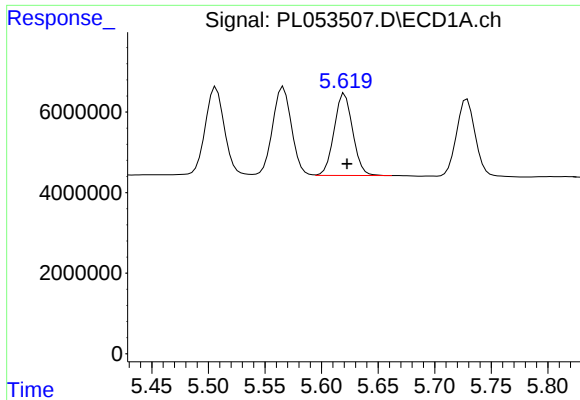
#8 Heptachlor epoxide

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 25831445
Conc: 1.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 6693895
Conc: 2.30 ng/ml



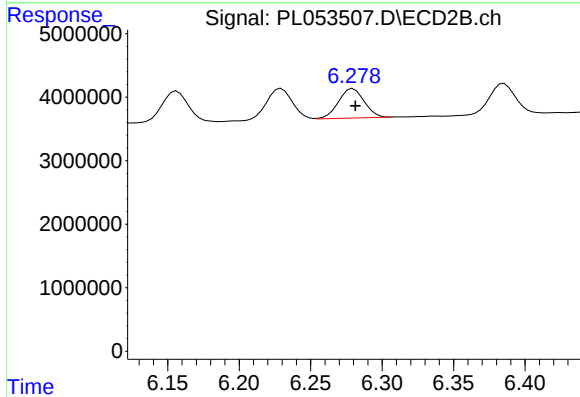
#9 Endosulfan I

R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 23234528
Conc: 1.89 ng/ml

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

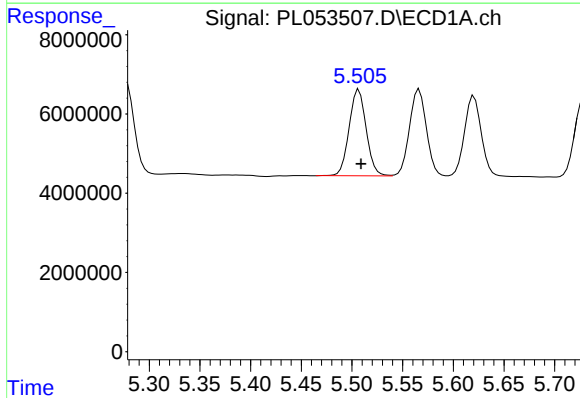
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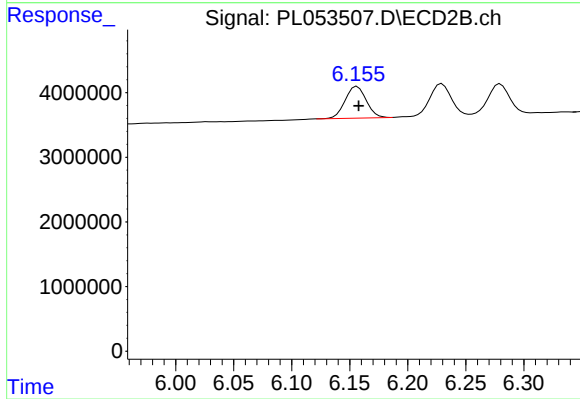
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 5814448
Conc: 2.14 ng/ml



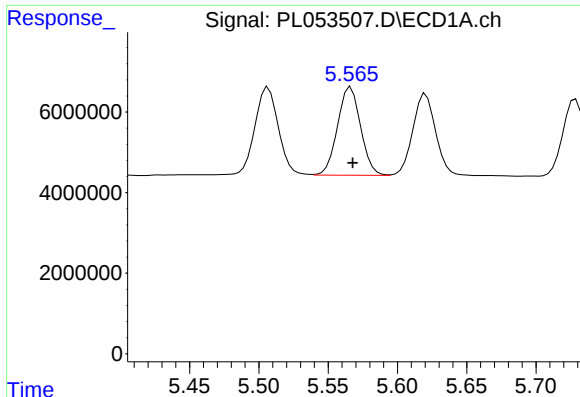
#10 gamma-Chlordane

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 25560094
Conc: 1.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 6187285
Conc: 2.12 ng/ml



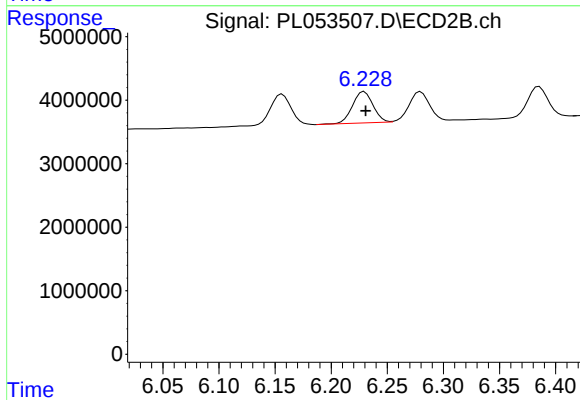
#11 alpha-Chlordane

R.T.: 5.566 min
Delta R.T.: -0.001 min
Response: 25421362
Conc: 1.91 ng/ml

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

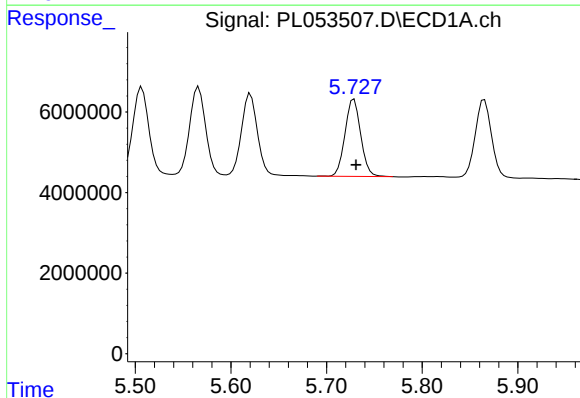
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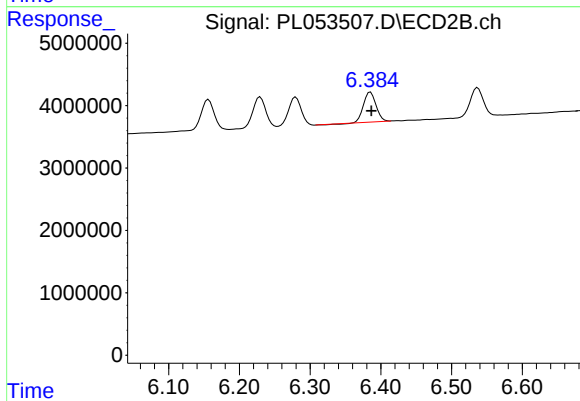
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 6307262
Conc: 2.16 ng/ml



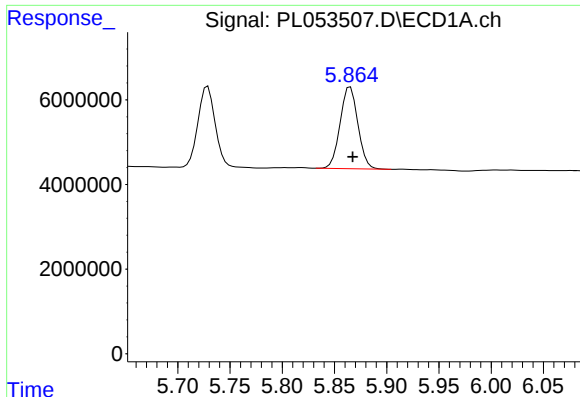
#12 4,4'-DDE

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 21994645
Conc: 1.85 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 5828716
Conc: 2.07 ng/ml



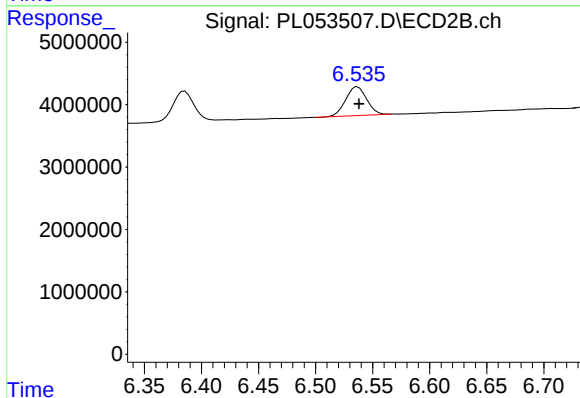
#13 Dieldrin

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 22880954
Conc: 1.76 ng/ml

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

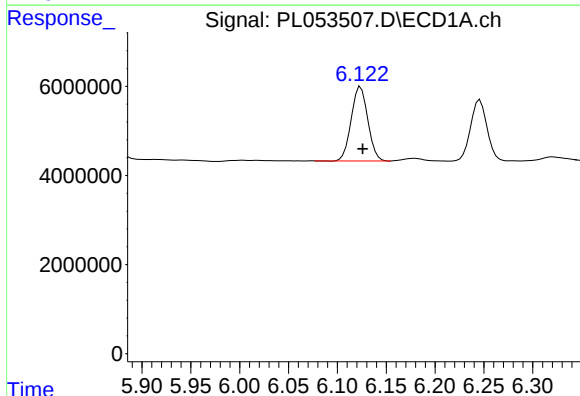
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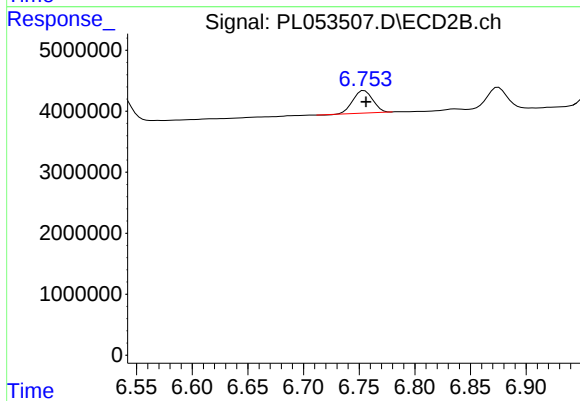
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 5880949
Conc: 2.06 ng/ml



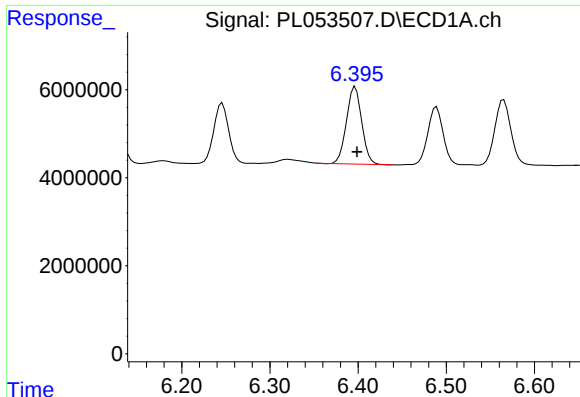
#14 Endrin

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 19702232
Conc: 1.70 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 4580488
Conc: 1.89 ng/ml



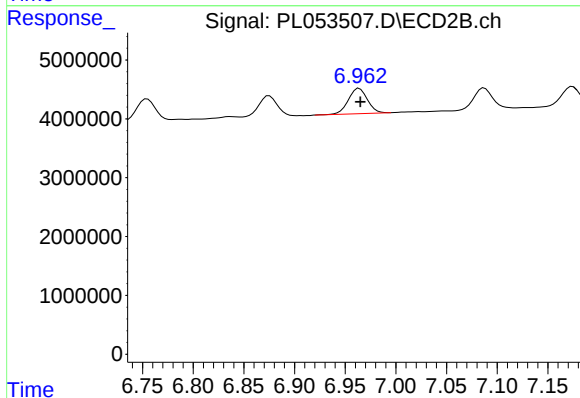
#15 Endosulfan II

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 21124782
Conc: 1.89 ng/ml

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

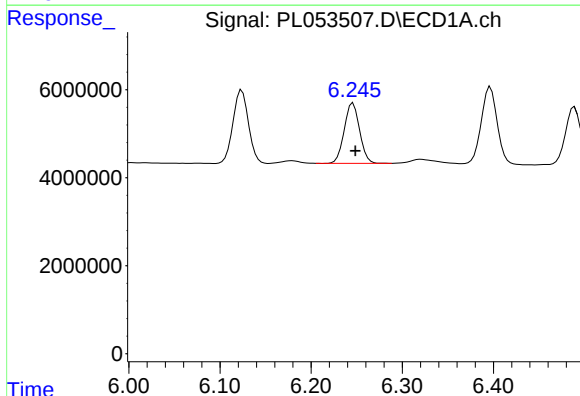
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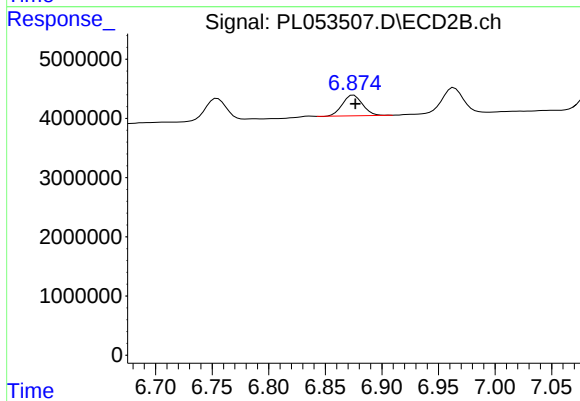
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 5605179
Conc: 2.19 ng/ml



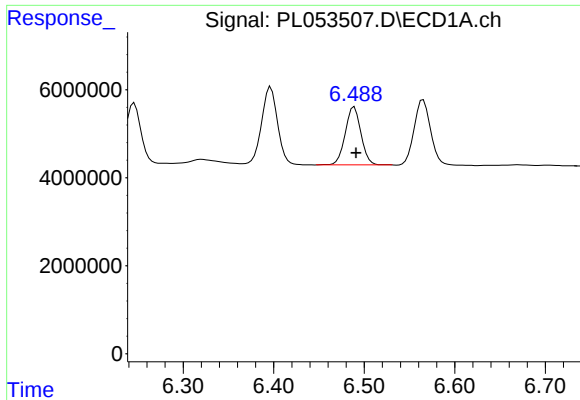
#16 4,4'-DDD

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 15989591
Conc: 1.80 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 4284362
Conc: 2.06 ng/ml



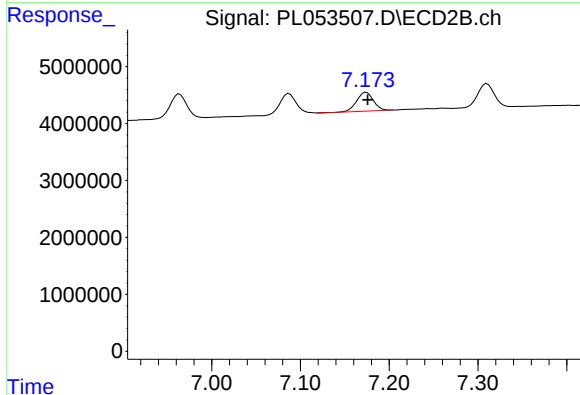
#17 4,4'-DDT

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 15871925
Conc: 1.60 ng/ml

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

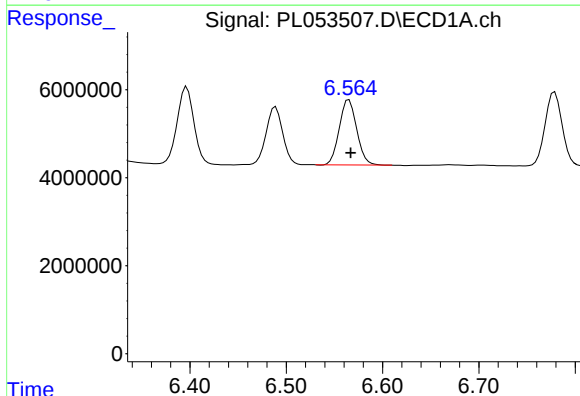
Manual Integrations
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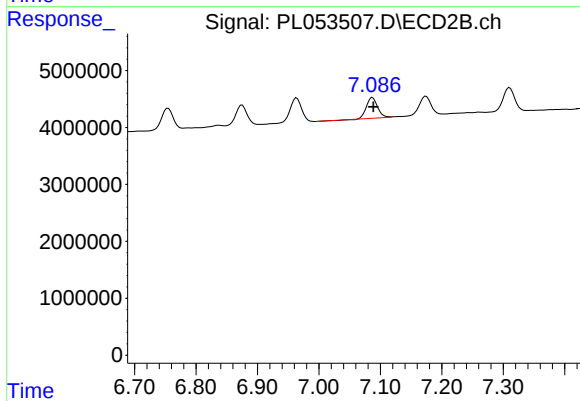
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 4367491
Conc: 1.89 ng/ml



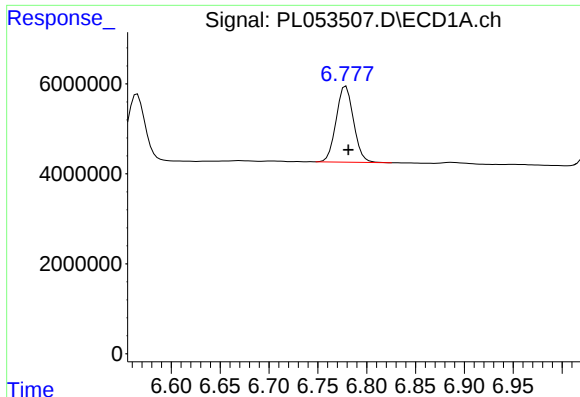
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 18648844
Conc: 2.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 4529238
Conc: 2.06 ng/ml



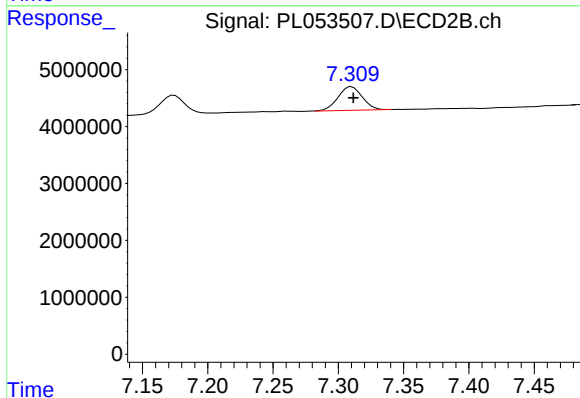
#19 Endosulfan Sulfate

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 20900356
Conc: 2.05 ng/ml

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

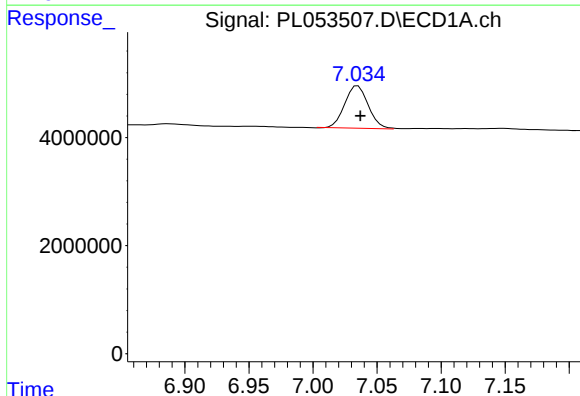
Manual Integrations
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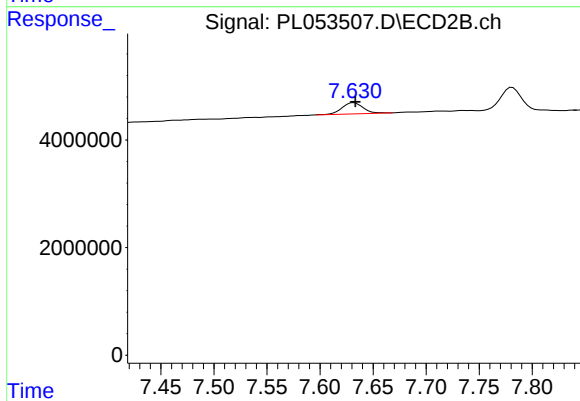
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 5346880
Conc: 2.18 ng/ml



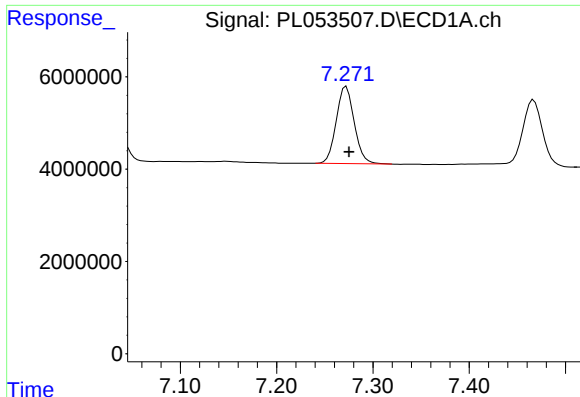
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 10017771
Conc: 2.03 ng/ml m



#20 Methoxychlor

R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 2890502
Conc: 2.23 ng/ml



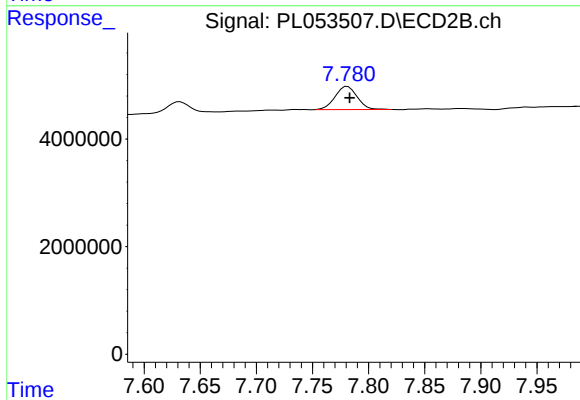
#21 Endrin ketone

R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 21669254
Conc: 2.01 ng/ml

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

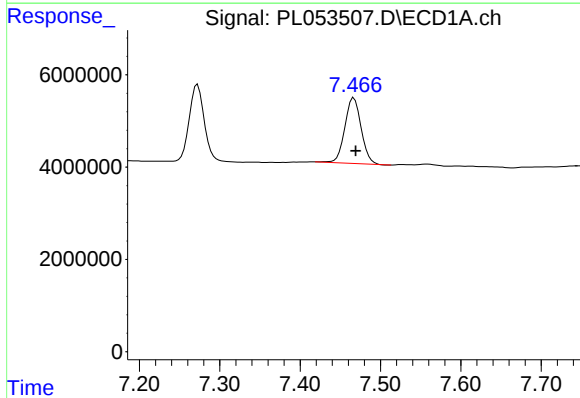
Manual Integrations
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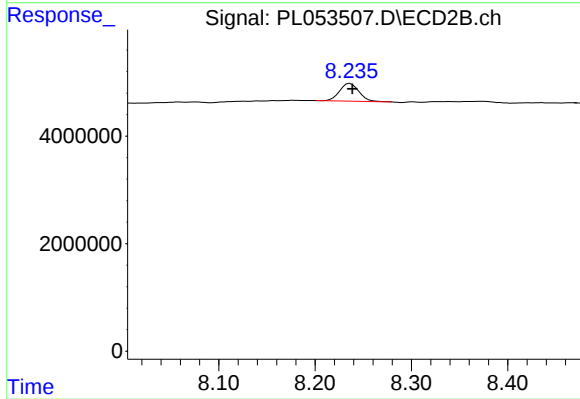
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 5915996
Conc: 2.29 ng/ml



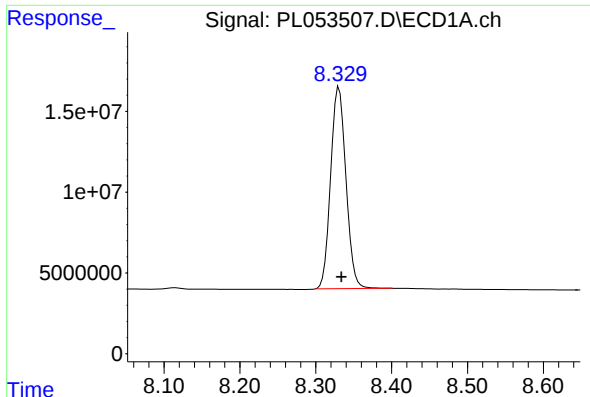
#22 Mirex

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 20073413
Conc: 2.35 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 4583749
Conc: 2.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.331 min

Delta R.T.: -0.003 min

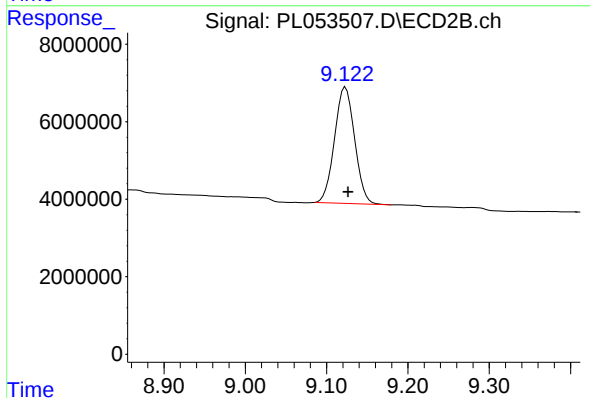
Response: 174918921

Conc: 17.83 ng/ml

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

Manual Integrations
APPROVED

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10/22/2019 12:23:45 PM



#28 Decachlorobiphenyl

R.T.: 9.123 min

Delta R.T.: -0.003 min

Response: 51529016

Conc: 18.30 ng/ml