

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071020\
 Data File : PL059808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2020 19:09
 Operator : DD\AJ
 Sample : L3216-01
 Misc : LOD 1 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 04:38:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 2020
 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...	3.466	4.013	42541343	59209070	21.994	22.341
2)	SA Decachlor...	8.232	9.105	38563789	49801002	23.442	23.812
Target Compounds							
2)	A alpha-BHC	3.903	4.402	4383839	3656741	1.525	0.947 #
3)	MA gamma-BHC...	4.186	4.687	2509019	3537789	1.016m	0.975
4)	MA Heptachlor	4.490	5.199	2439320	4323176	1.088	1.285
5)	MB Aldrin	4.739	5.506	2116495	3559502	1.073	1.143
6)	B beta-BHC	4.438	4.857	1454387	1241358	1.424	0.821m#
7)	B delta-BHC	4.643	5.075	2118930	896034	0.953	0.288m#
8)	B Heptachlo...	5.183	5.891	2081298	2864155	1.134	1.063
9)	A Endosulfan I	5.523	6.250	1869071	3637337	1.111	1.364m
10)	B gamma-Chl...	5.410	6.127	2049635	3254625	1.130m	1.137m
11)	B alpha-Chl...	5.469	6.200	2082524	3542257	1.155	1.239m
12)	B 4,4'-DDE	5.636	6.357	1664762	3001475	1.000	1.121m
13)	MA Dieldrin	5.766	6.510	1820196	3178577	1.032	1.149
14)	MA Endrin	6.023	6.728	2191135	2652353	1.505	1.246
15)	B Endosulfa...	6.296	6.938	2128007	3268855	1.274	1.301
16)	A 4,4'-DDD	6.151	6.850	1589817	3136396	1.041	1.366 #
17)	MA 4,4'-DDT	6.393	7.151	980753	1813126	0.754	0.921
18)	B Endrin al...	6.465	7.062	1670793	2654124	1.171	1.222
19)	B Endosulfa...	6.677	7.286	1941623	2958360	1.181m	1.265
20)	A Methoxychlor	6.940	7.608	706310	1245591	0.944m	1.097m
21)	B Endrin ke...	7.169	7.757	2012741	2964481	1.072	1.148
22)	Mirex	7.360	8.214	2384255	2322638	1.676	1.257 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071020\
Data File : PL059808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2020 19:09
Operator : DD\AJ
Sample : L3216-01
Misc : LOD 1 PPB
ALS Vial : 24 Sample Multiplier: 1

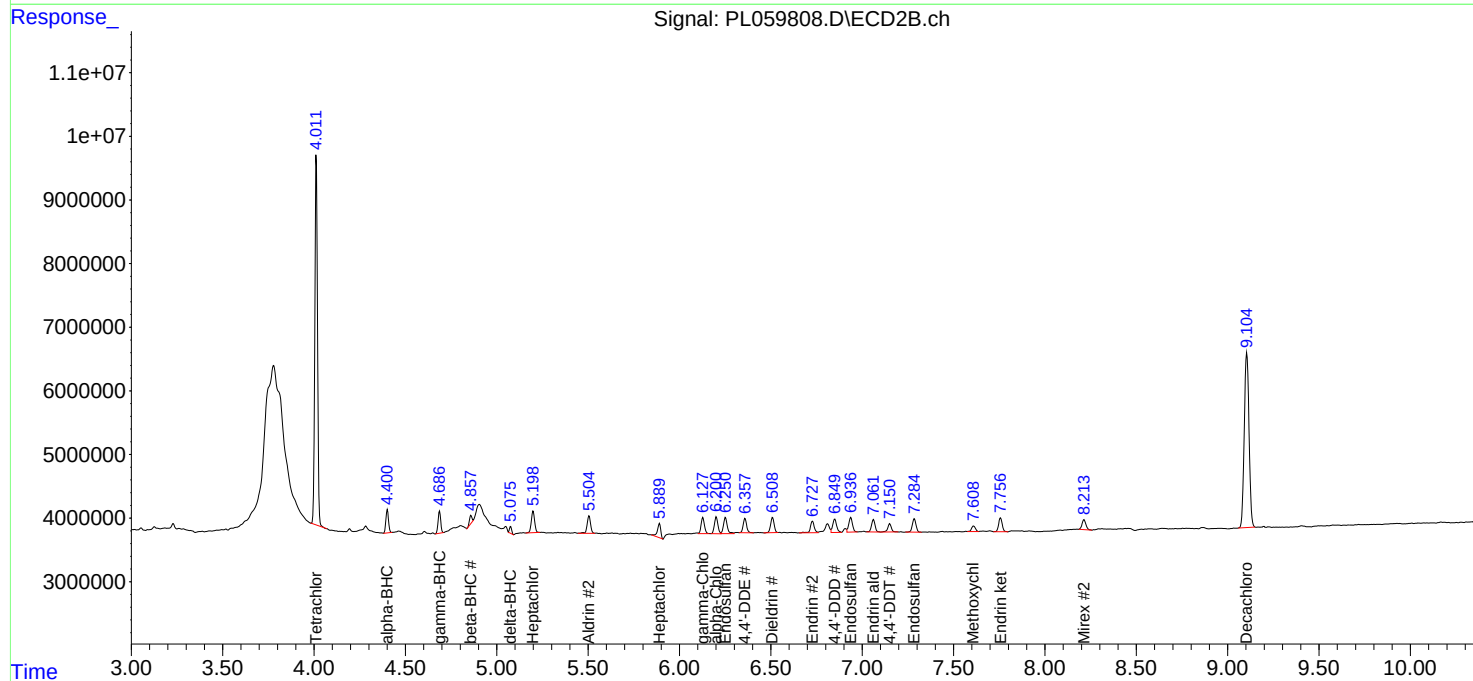
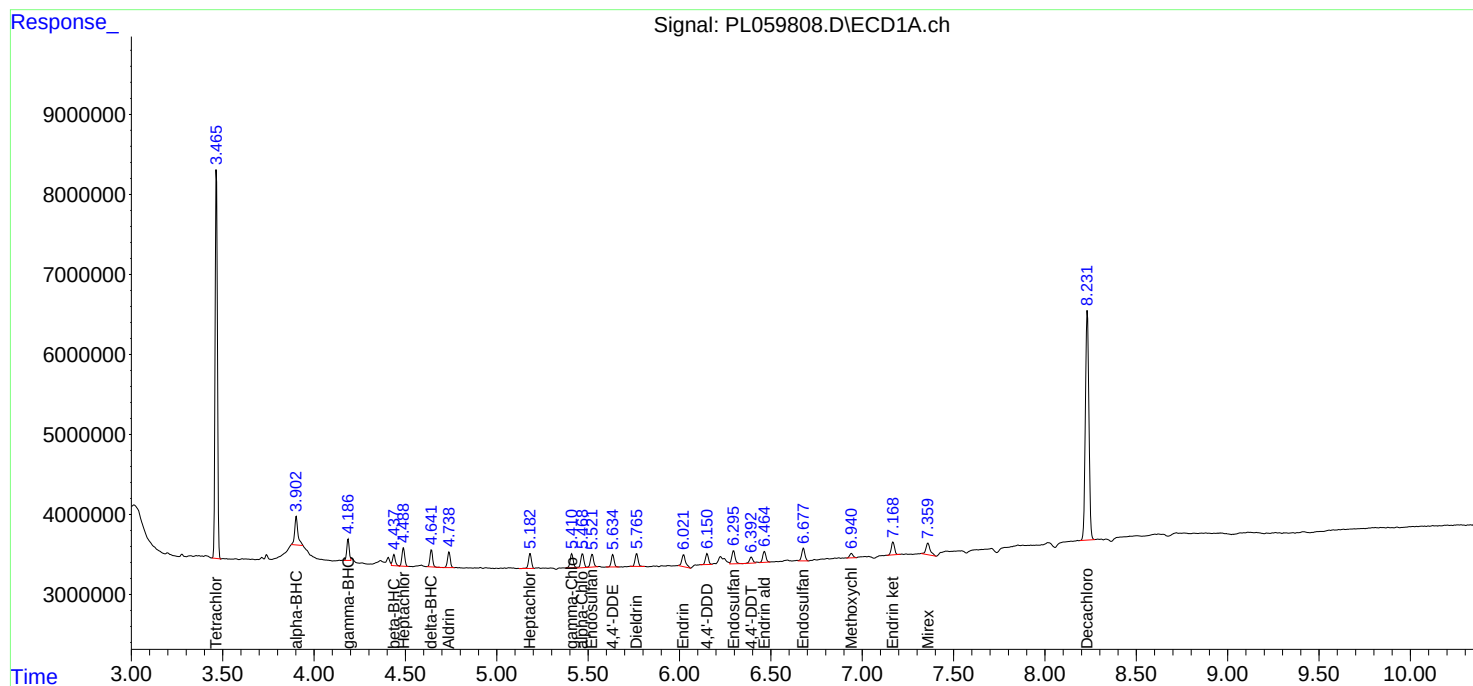
Instrument :
ECD_L
ClientSampled :
LOD-MDL-SOIL-01-QT3-2020

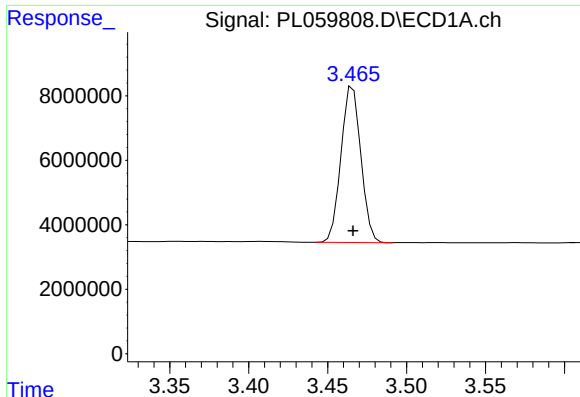
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 04:38:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
Quant Title : GC Extractables
QLast Update : Fri Jul 10 18:52:06 2020
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





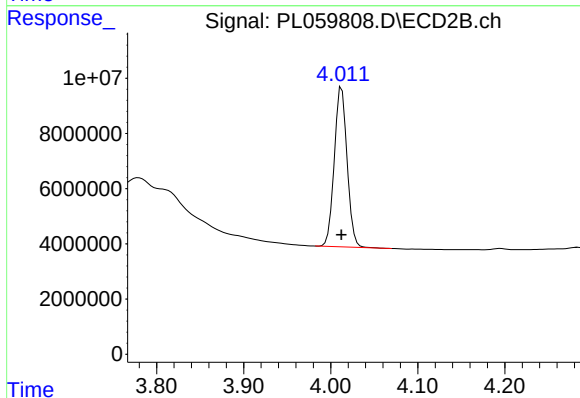
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: 0.000 min
Response: 42541343
Conc: 21.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

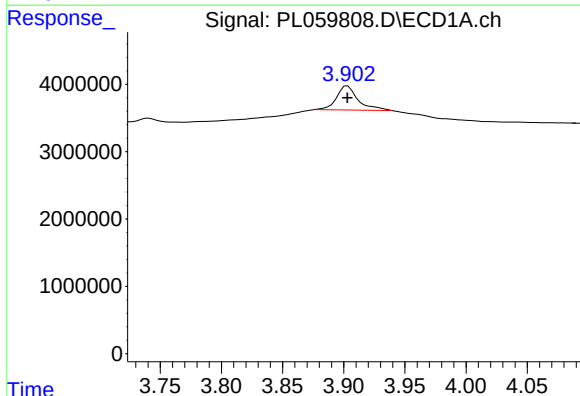
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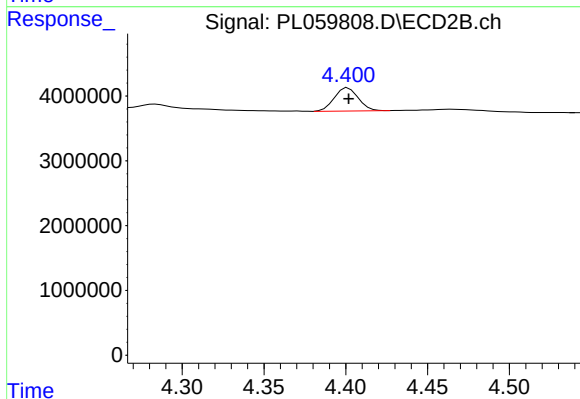
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 59209070
Conc: 22.34 ng/ml



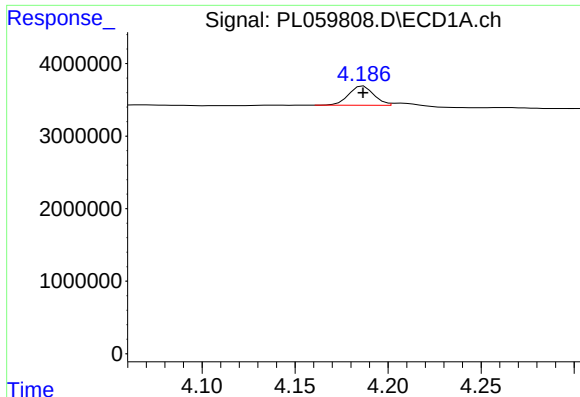
#2 alpha-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 4383839
Conc: 1.53 ng/ml



#2 alpha-BHC

R.T.: 4.402 min
Delta R.T.: 0.000 min
Response: 3656741
Conc: 0.95 ng/ml



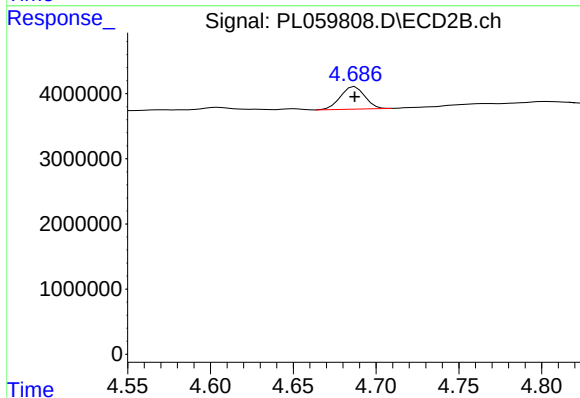
#3 gamma-BHC (Lindane)

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 2509019
Conc: 1.02 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

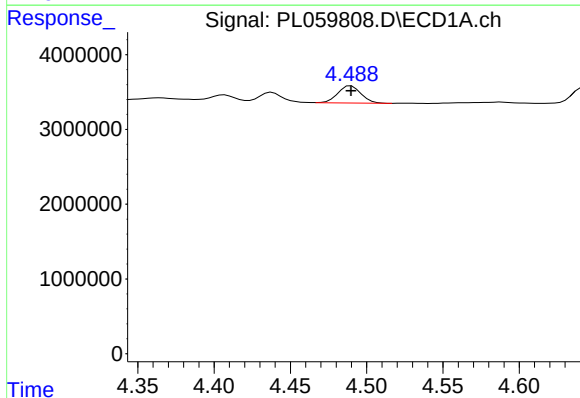
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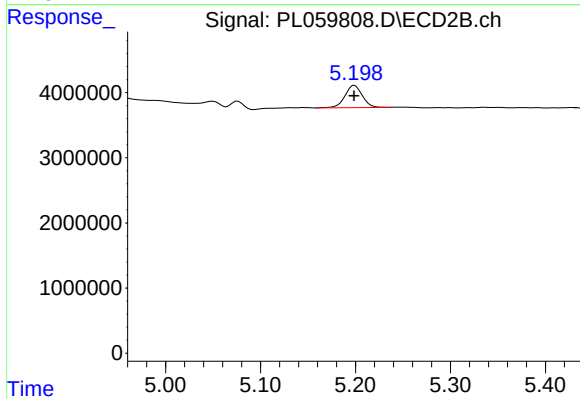
#3 gamma-BHC (Lindane)

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 3537789
Conc: 0.98 ng/ml



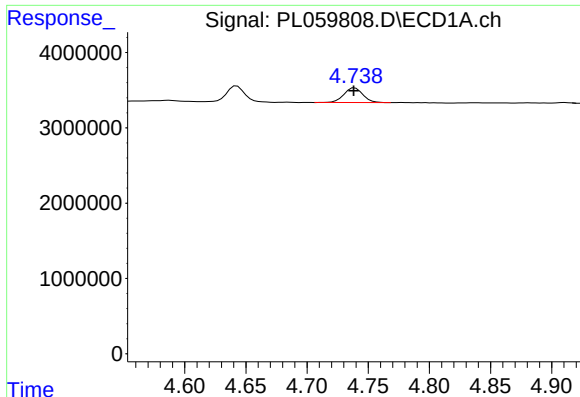
#4 Heptachlor

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 2439320
Conc: 1.09 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 4323176
Conc: 1.29 ng/ml



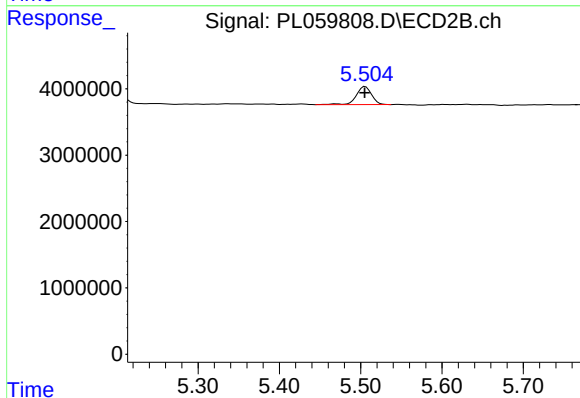
#5 Aldrin

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 2116495
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

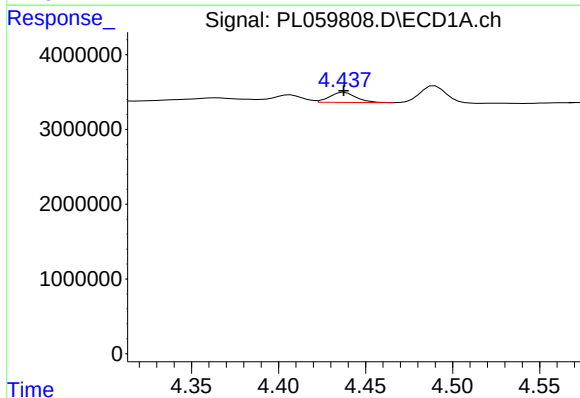
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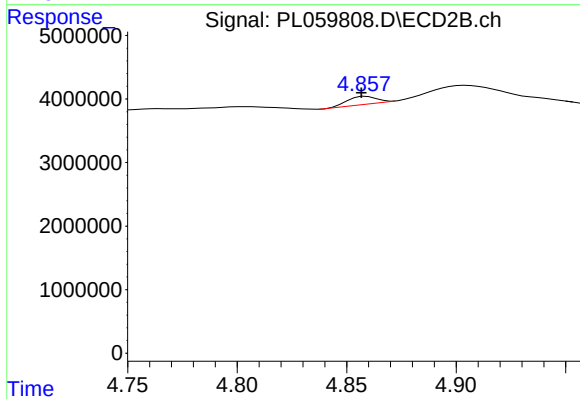
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 3559502
Conc: 1.14 ng/ml



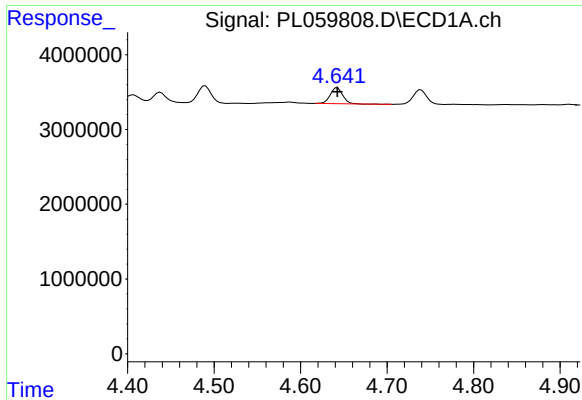
#6 beta-BHC

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 1454387
Conc: 1.42 ng/ml



#6 beta-BHC

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 1241358
Conc: 0.82 ng/ml m



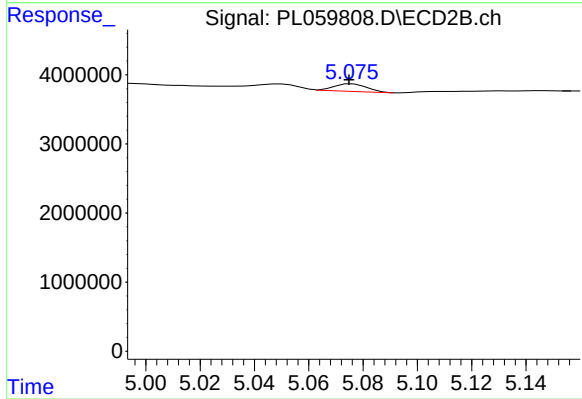
#7 delta-BHC

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 2118930
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

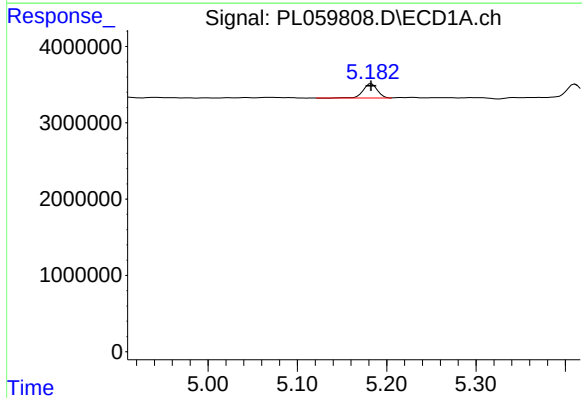
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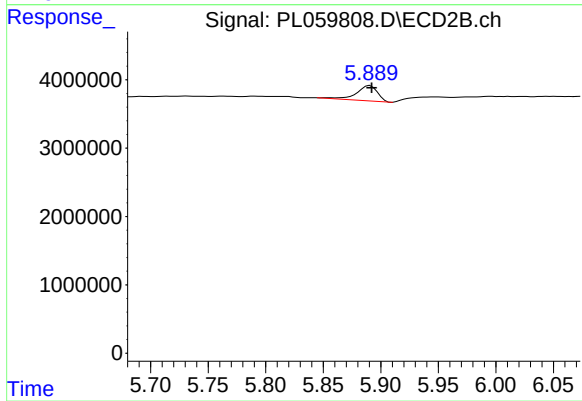
#7 delta-BHC

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 896034
Conc: 0.29 ng/ml m



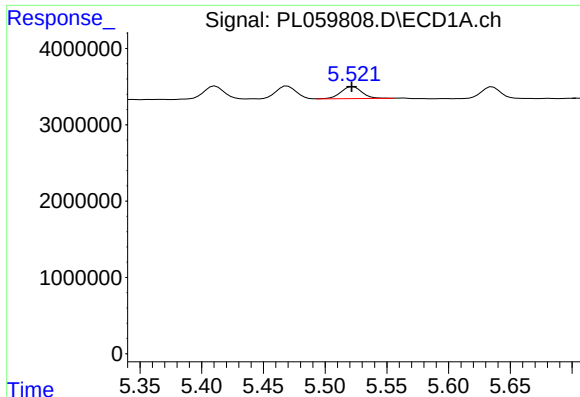
#8 Heptachlor epoxide

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 2081298
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 2864155
Conc: 1.06 ng/ml



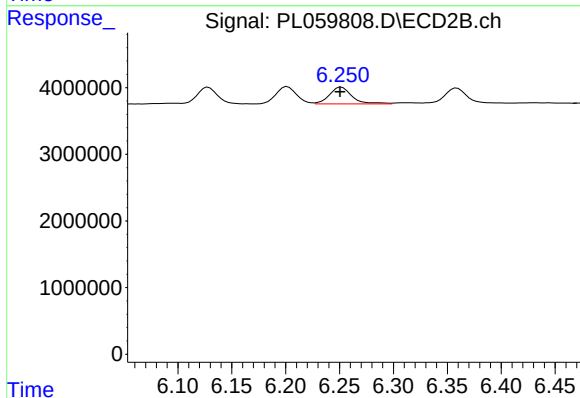
#9 Endosulfan I

R.T.: 5.523 min
Delta R.T.: 0.001 min
Response: 1869071
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

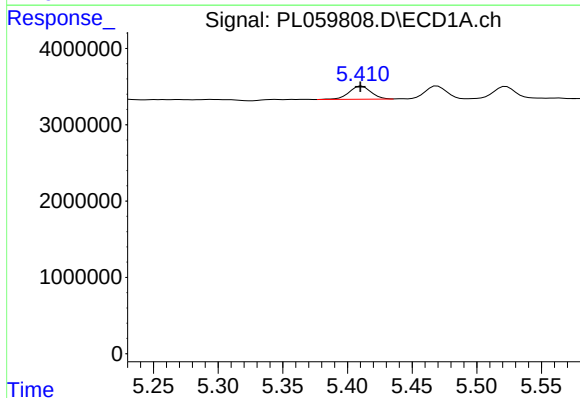
Manual Integrations
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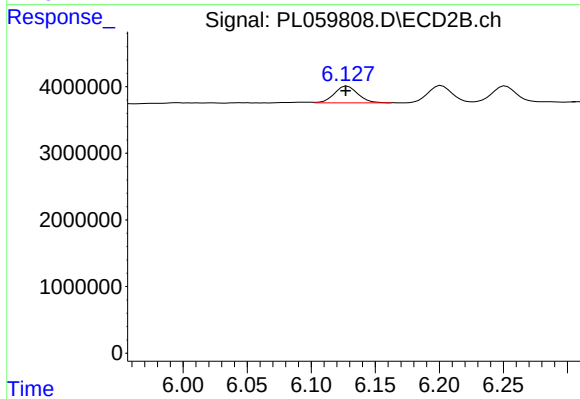
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 3637337
Conc: 1.36 ng/ml m



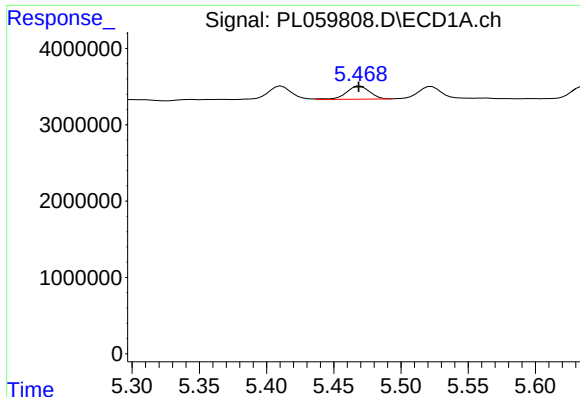
#10 gamma-Chlordane

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 2049635
Conc: 1.13 ng/ml m



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 3254625
Conc: 1.14 ng/ml m



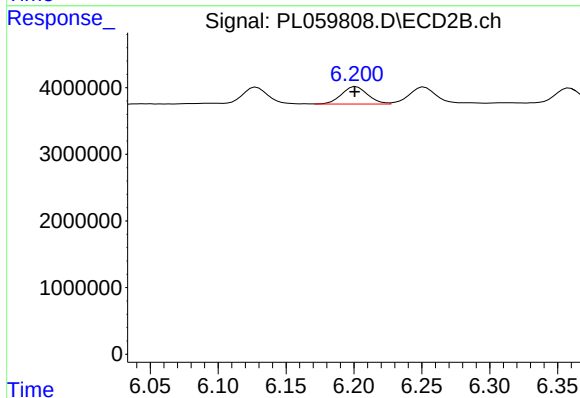
#11 alpha-Chlordane

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 2082524
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

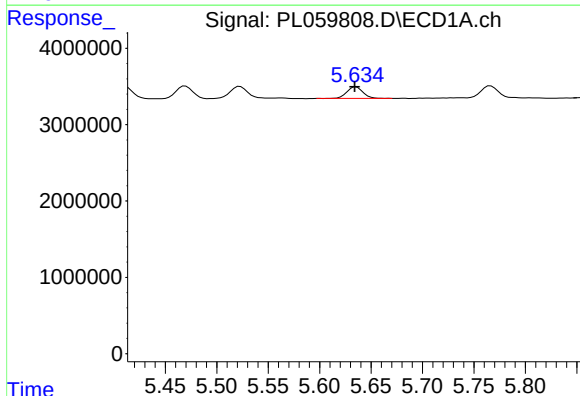
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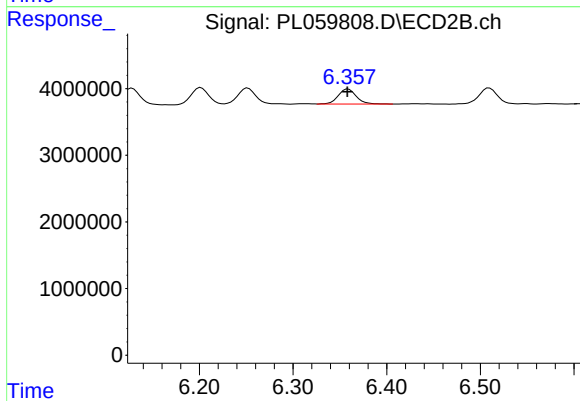
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 3542257
Conc: 1.24 ng/ml m



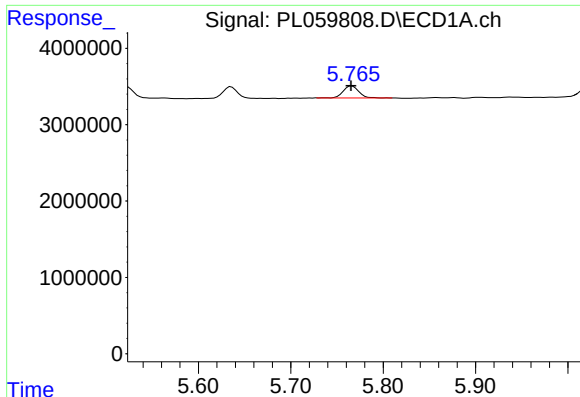
#12 4,4'-DDE

R.T.: 5.636 min
Delta R.T.: 0.001 min
Response: 1664762
Conc: 1.00 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 3001475
Conc: 1.12 ng/ml m



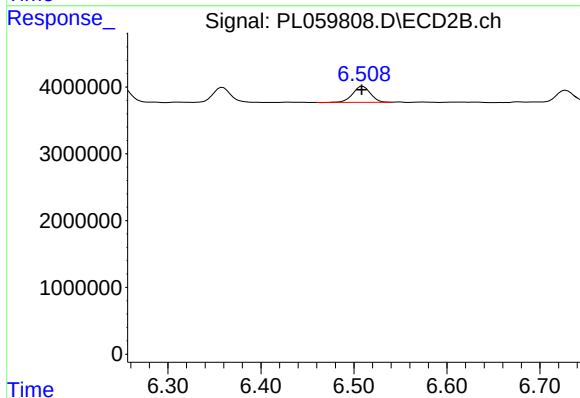
#13 Dieldrin

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 1820196
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

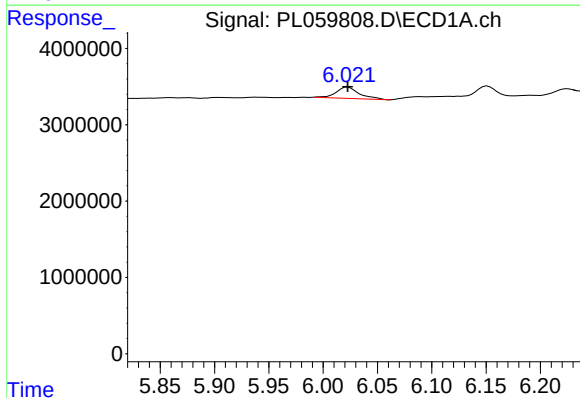
Manual Integrations
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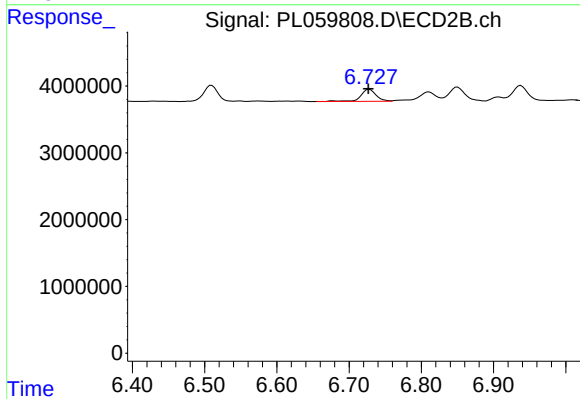
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.001 min
Response: 3178577
Conc: 1.15 ng/ml



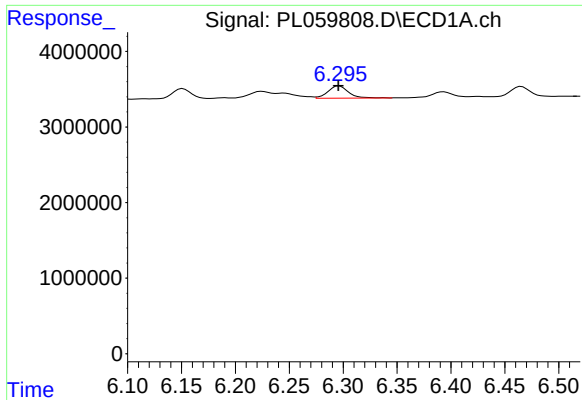
#14 Endrin

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 2191135
Conc: 1.51 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 2652353
Conc: 1.25 ng/ml



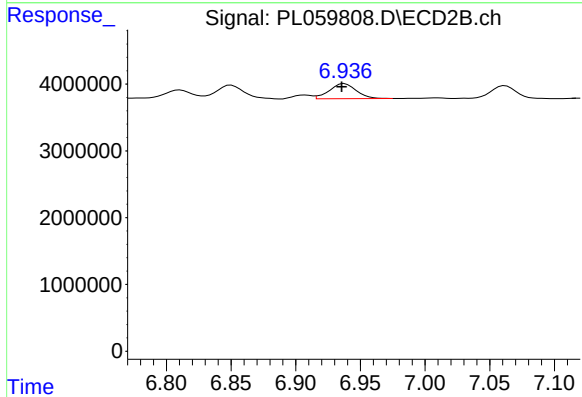
#15 Endosulfan II

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 2128007
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

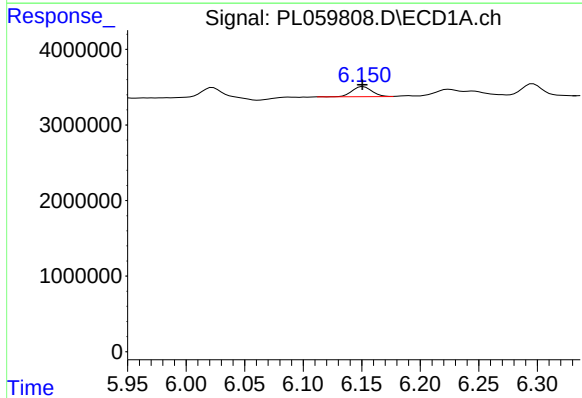
Manual Integrations
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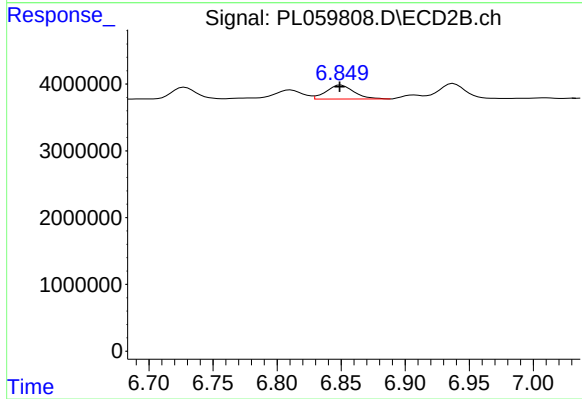
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: 0.002 min
Response: 3268855
Conc: 1.30 ng/ml



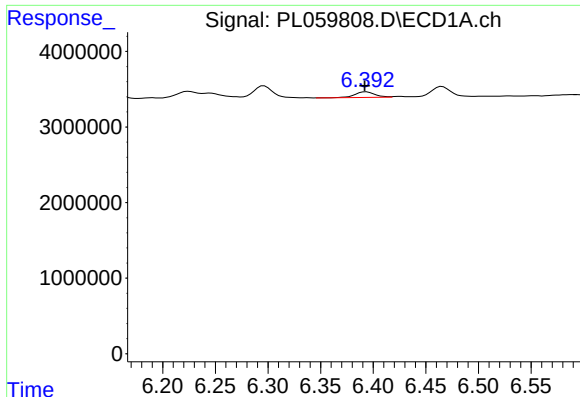
#16 4,4'-DDD

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 1589817
Conc: 1.04 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.001 min
Response: 3136396
Conc: 1.37 ng/ml



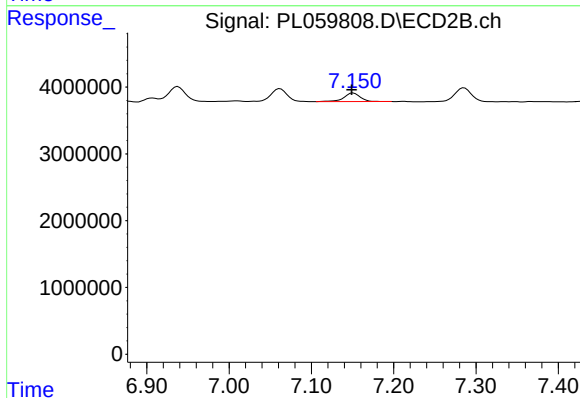
#17 4,4'-DDT

R.T.: 6.393 min
Delta R.T.: 0.001 min
Response: 980753
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

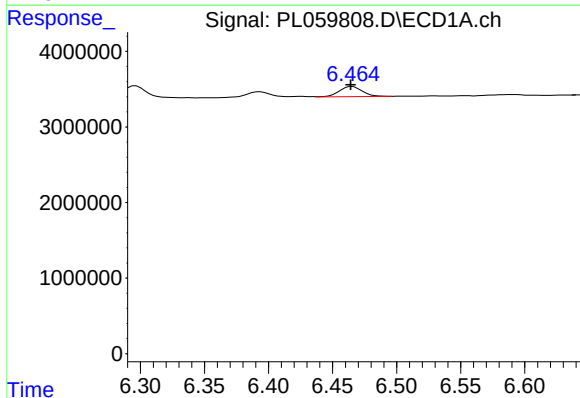
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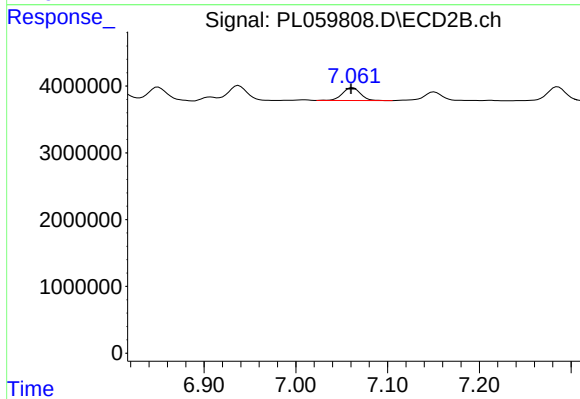
#17 4,4'-DDT

R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 1813126
Conc: 0.92 ng/ml



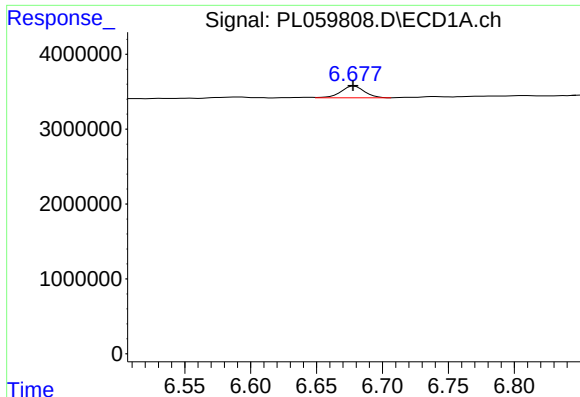
#18 Endrin aldehyde

R.T.: 6.465 min
Delta R.T.: 0.001 min
Response: 1670793
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 2654124
Conc: 1.22 ng/ml



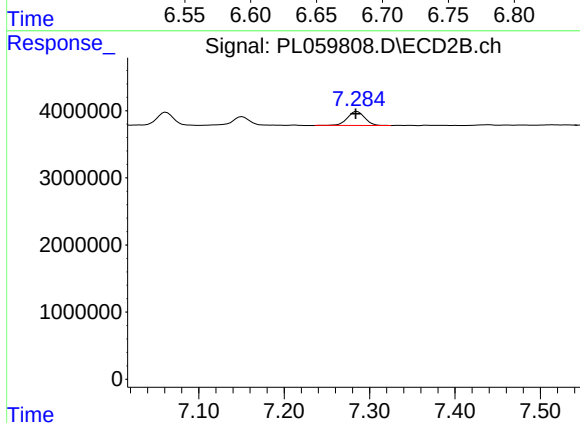
#19 Endosulfan Sulfate

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 1941623
Conc: 1.18 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

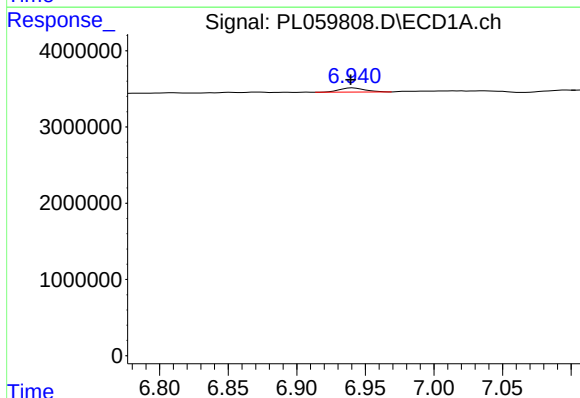
Manual Integrations
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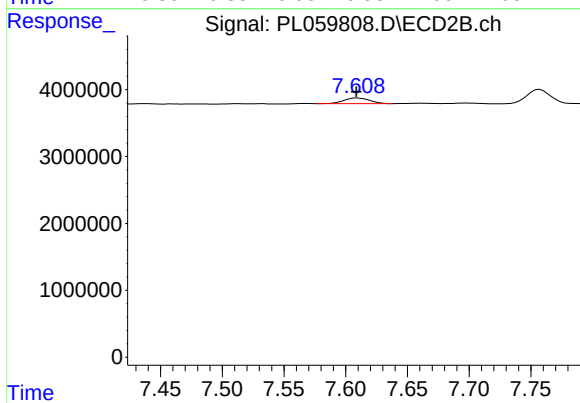
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: 0.002 min
Response: 2958360
Conc: 1.26 ng/ml



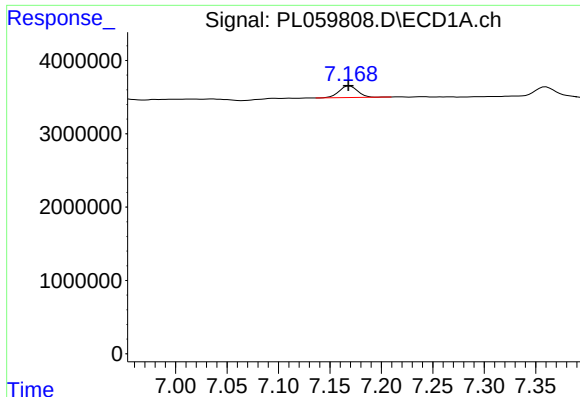
#20 Methoxychlor

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 706310
Conc: 0.94 ng/ml m



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 1245591
Conc: 1.10 ng/ml m



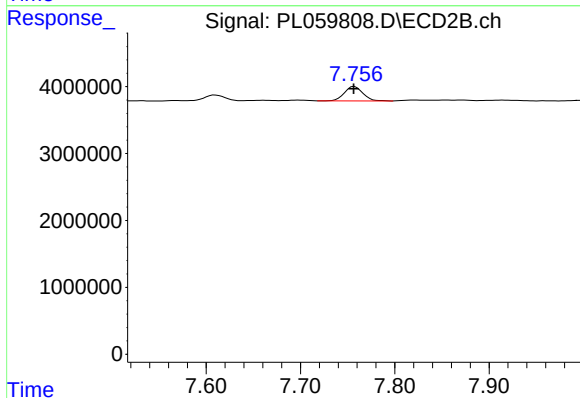
#21 Endrin ketone

R.T.: 7.169 min
Delta R.T.: 0.001 min
Response: 2012741
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

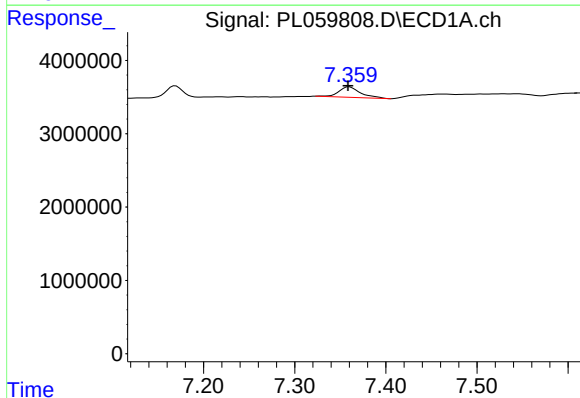
Manual Integrations
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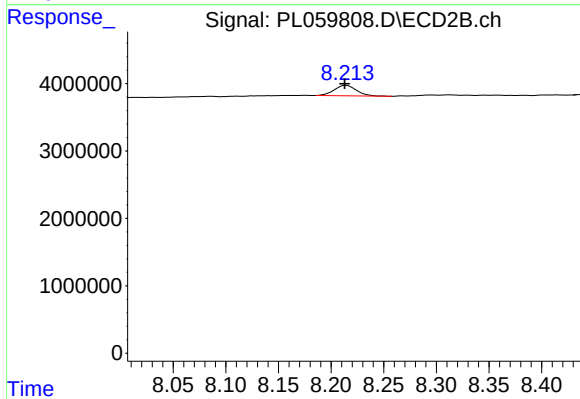
#21 Endrin ketone

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 2964481
Conc: 1.15 ng/ml



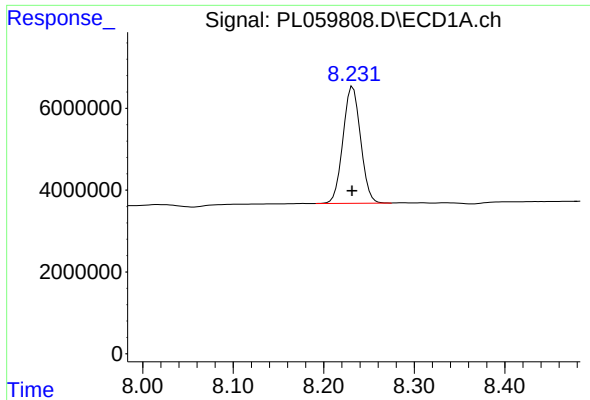
#22 Mirex

R.T.: 7.360 min
Delta R.T.: 0.001 min
Response: 2384255
Conc: 1.68 ng/ml



#22 Mirex

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 2322638
Conc: 1.26 ng/ml



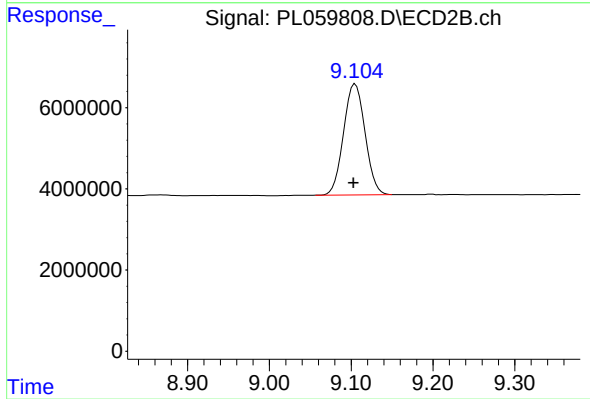
#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 38563789
Conc: 23.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations
APPROVED

Ankita
7/13/2020 3:24:32 PM



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.002 min
Response: 49801002
Conc: 23.81 ng/ml