

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 10:04
 Operator : DD\AJ
 Sample : L4214-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:33:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.508	4.024	30101010	50482085	20.272	20.568
28)	SA Decachlor...	8.306	9.108	34234317	40990648	22.142	22.635
Target Compounds							
2)	A alpha-BHC	3.949	4.415	6096276	10063211	2.522	2.627
3)	MA gamma-BHC...	4.235	4.700	6267022	8365953	2.751	2.384
4)	MA Heptachlor	4.543	5.212	6113083	10097609	2.576	2.961
5)	MB Aldrin	4.795	5.517	5683746	8411655	2.547	2.677m
6)	B beta-BHC	4.486	4.868	2936320	3935747	3.123	2.687
7)	B delta-BHC	4.694	5.085	5595755	6795950	2.533	2.380m
8)	B Heptachlo...	5.241	5.905	5445217	7463945	2.654	2.719
9)	A Endosulfan I	5.584	6.263	5133215	7161380	2.710	2.683
10)	B gamma-Chl...	5.471	6.140	7235817	7509817	3.508	2.569 #
11)	B alpha-Chl...	5.530	6.213	5901565	7736250	2.883	2.662
12)	B 4,4'-DDE	5.694	6.368	5253050	6906330	2.592	2.518
13)	MA Dieldrin	5.829	6.520	5253315	7627137	2.557	2.657
14)	MA Endrin	6.088	6.738	4990087	6412876	2.715	2.592
15)	B Endosulfa...	6.363	6.945	5081006	7122791	2.688	2.745m
16)	A 4,4'-DDD	6.214	6.857	4443344	7030246	2.660	3.038
17)	MA 4,4'-DDT	6.457	7.158	4541519	6172222	2.531	2.606
18)	B Endrin al...	6.532	7.070	4229396	6250542	2.911	3.024
19)	B Endosulfa...	6.746	7.294	4776771	6399606	2.955	2.782
20)	A Methoxychlor	7.007	7.614	2237696	3543127	2.362	2.783
21)	B Endrin ke...	7.241	7.766	5402498	7343439	2.882	2.955
22)	Mirex	7.435	8.223	5200570	5117017	3.630	3.131

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
Data File : PD059837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 10:04
Operator : DD\AJ
Sample : L4214-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 9 Sample Multiplier: 1

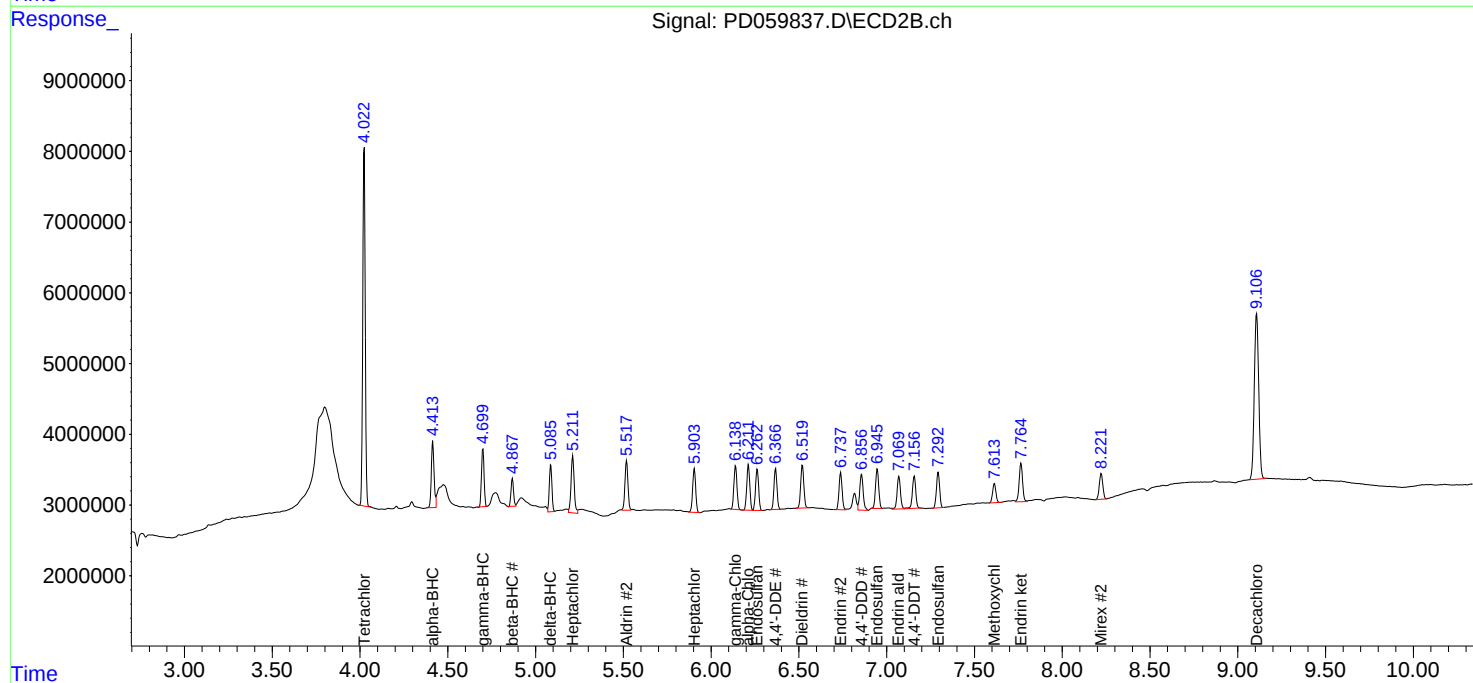
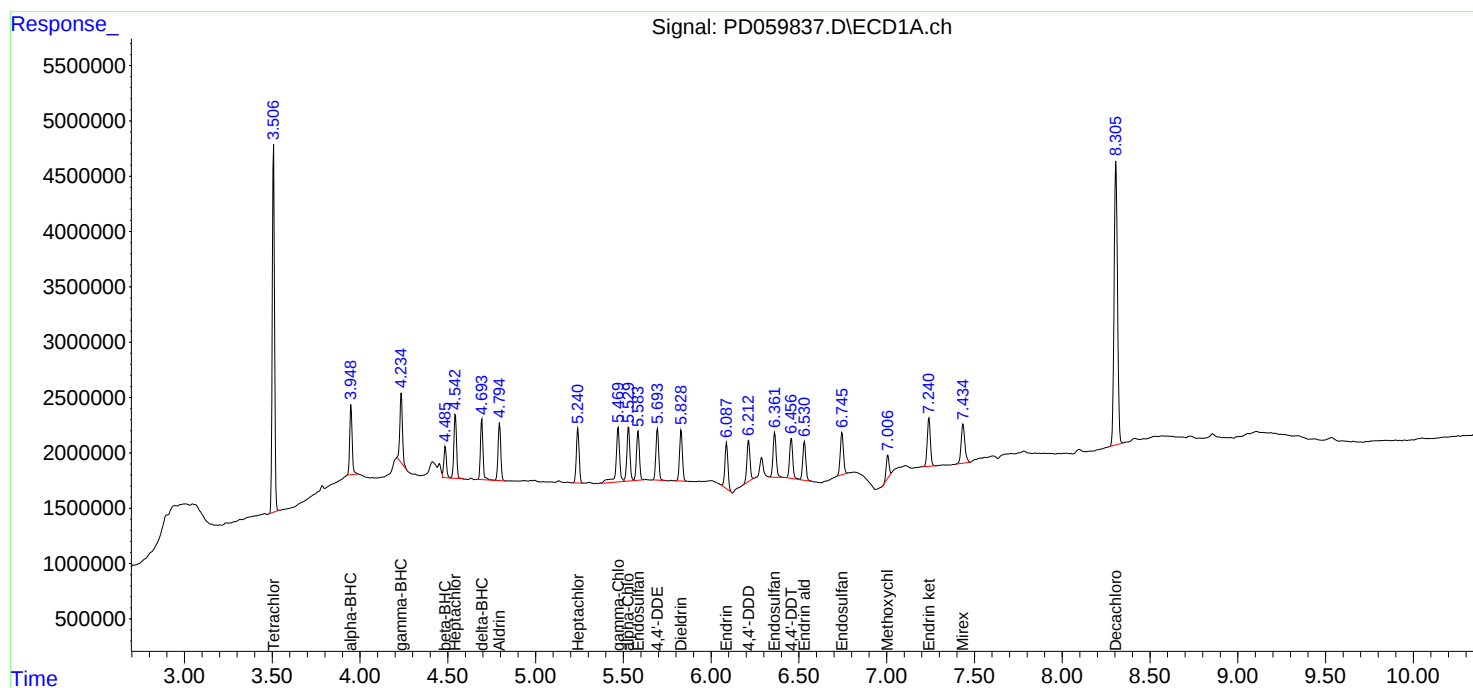
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

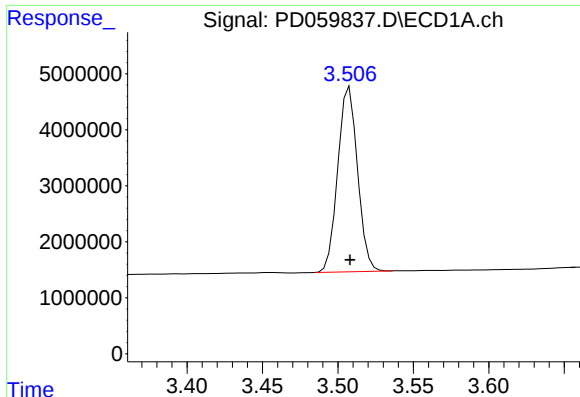
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:33:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





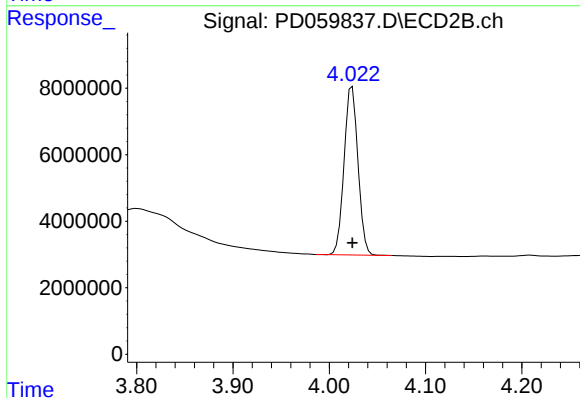
#1 Tetrachloro-m-xylene

R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 30101010
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

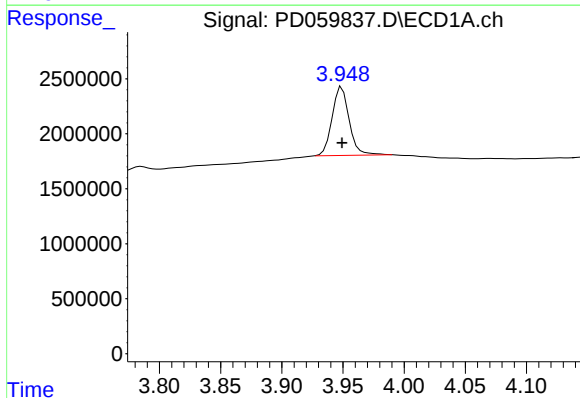
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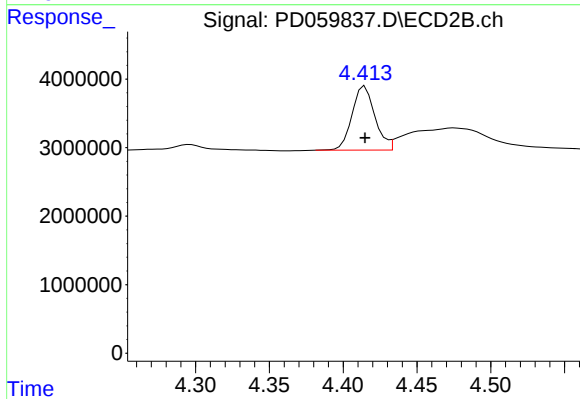
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 50482085
Conc: 20.57 ng/ml



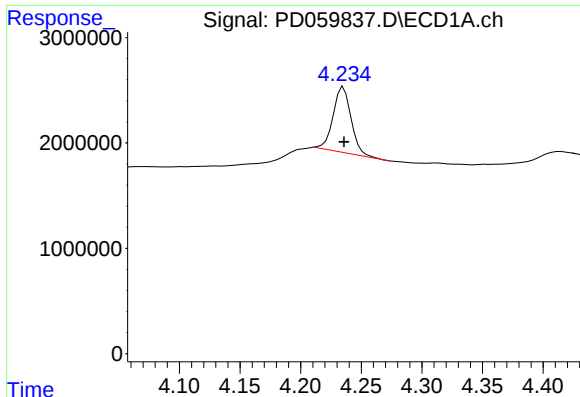
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 6096276
Conc: 2.52 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 10063211
Conc: 2.63 ng/ml



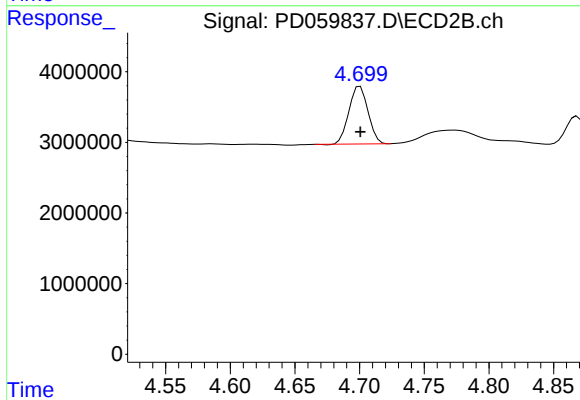
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 6267022
Conc: 2.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

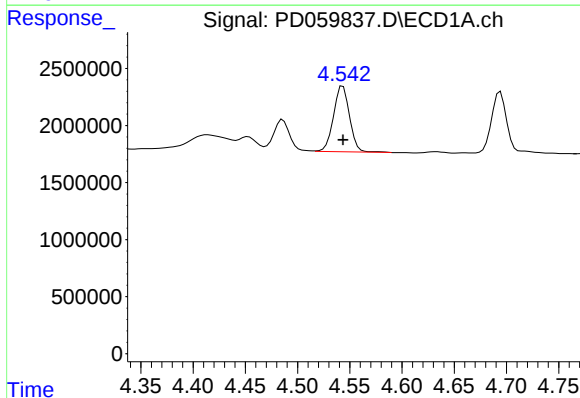
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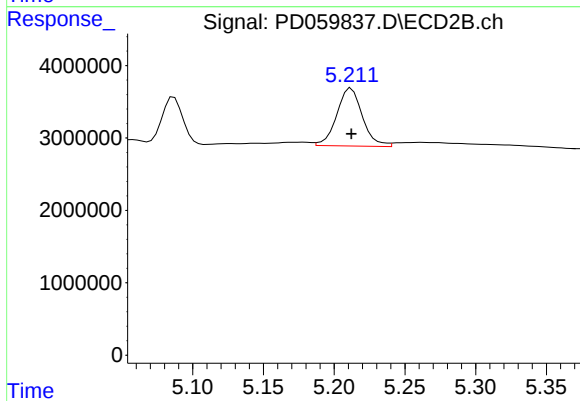
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 8365953
Conc: 2.38 ng/ml



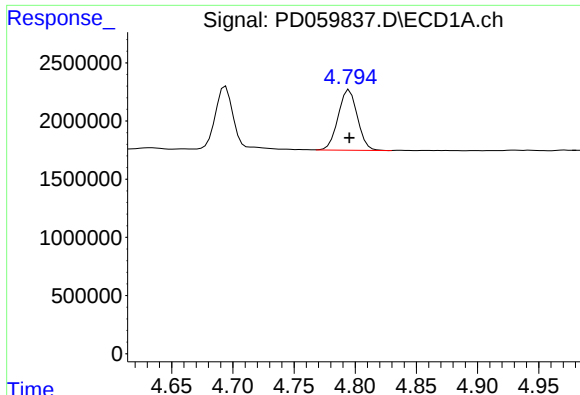
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 6113083
Conc: 2.58 ng/ml



#4 Heptachlor

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 10097609
Conc: 2.96 ng/ml



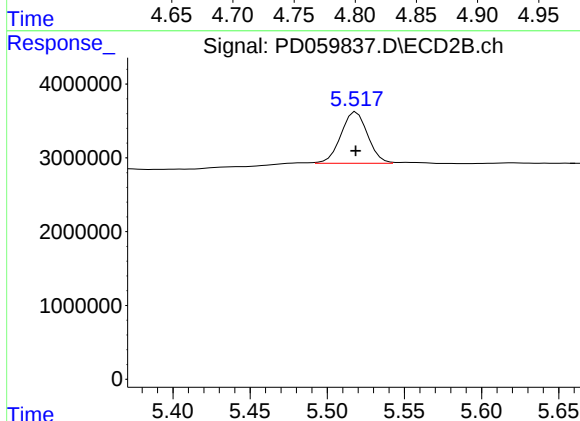
#5 Aldrin

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 5683746
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

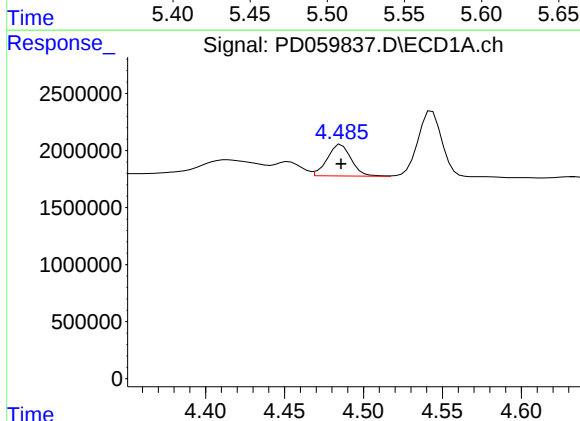
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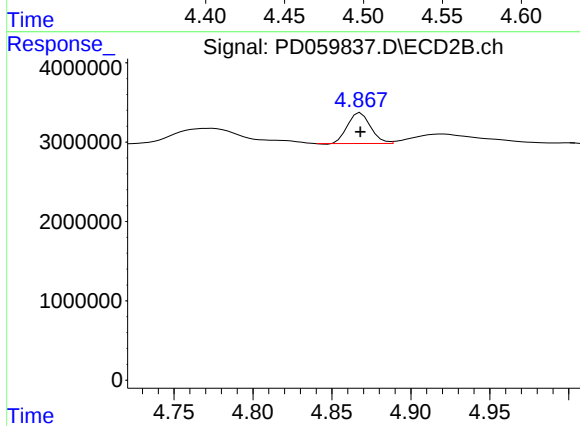
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 8411655
Conc: 2.68 ng/ml m



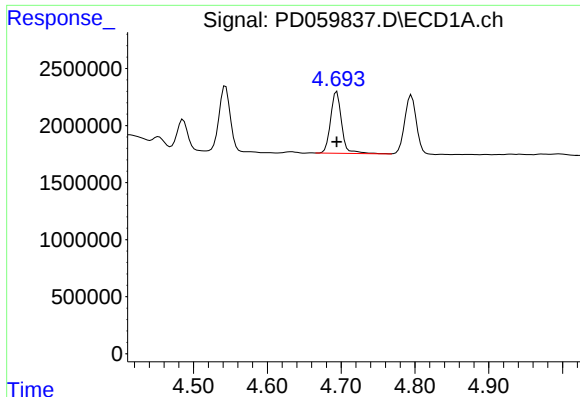
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 2936320
Conc: 3.12 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 3935747
Conc: 2.69 ng/ml



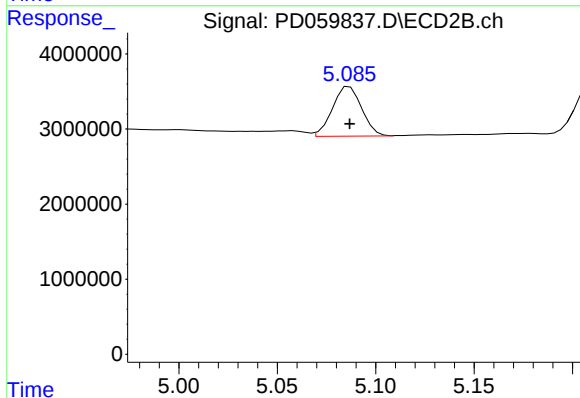
#7 delta-BHC

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 5595755
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

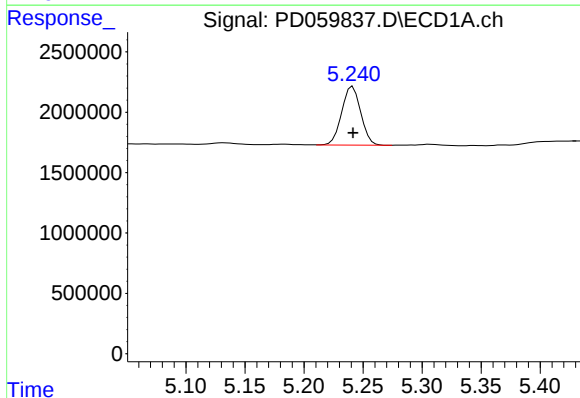
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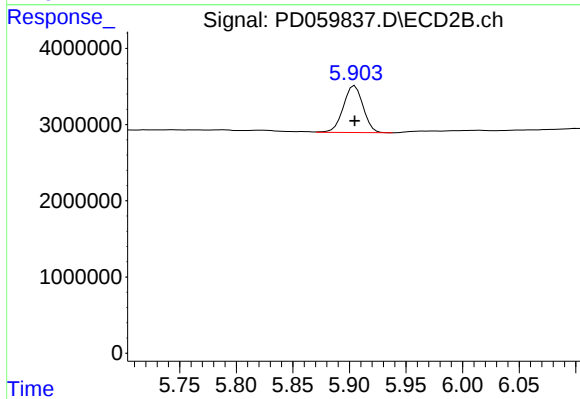
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 6795950
Conc: 2.38 ng/ml m



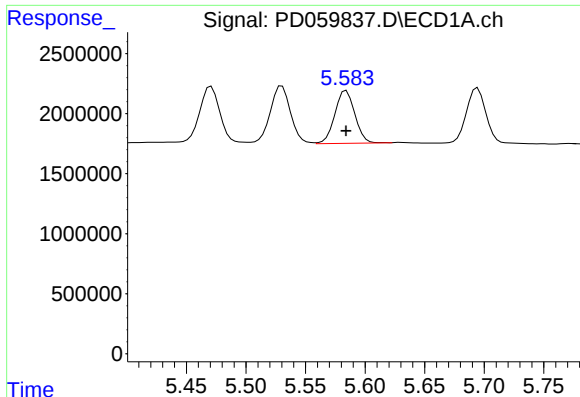
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 5445217
Conc: 2.65 ng/ml



#8 Heptachlor epoxide

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 7463945
Conc: 2.72 ng/ml



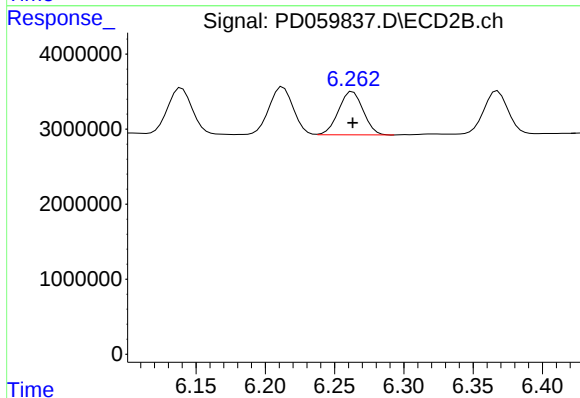
#9 Endosulfan I

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 5133215
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

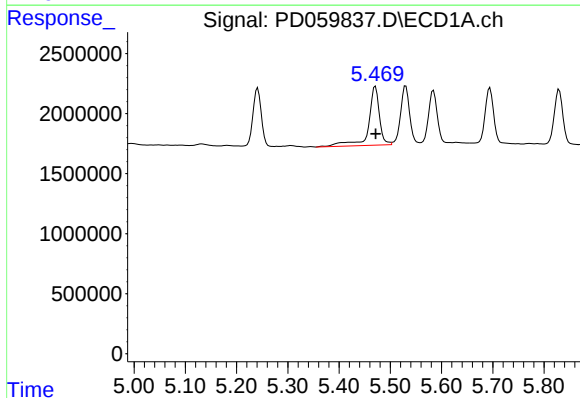
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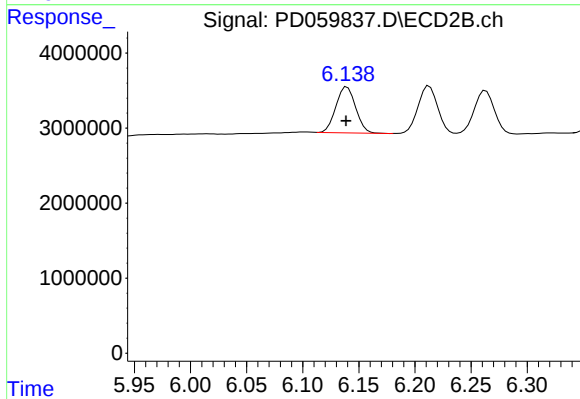
#9 Endosulfan I

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 7161380
Conc: 2.68 ng/ml



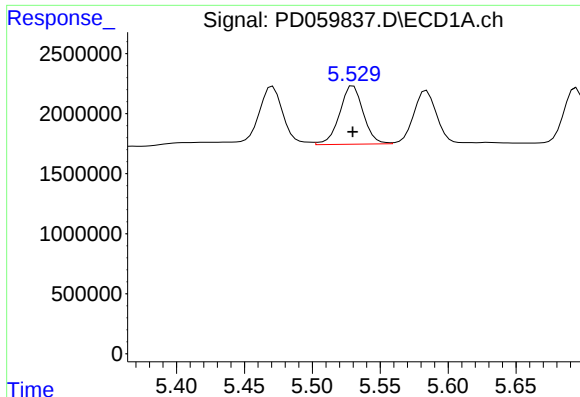
#10 gamma-Chlordane

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 7235817
Conc: 3.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 7509817
Conc: 2.57 ng/ml



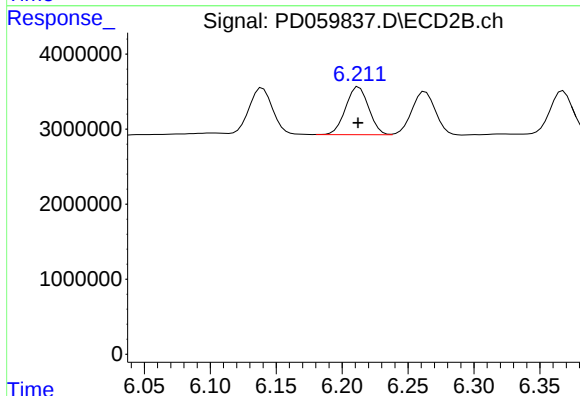
#11 alpha-Chlordane

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 5901565
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

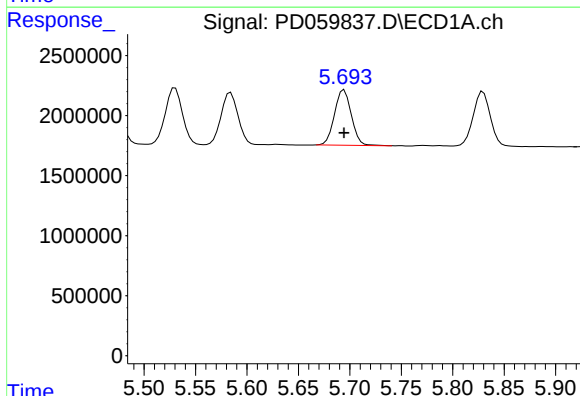
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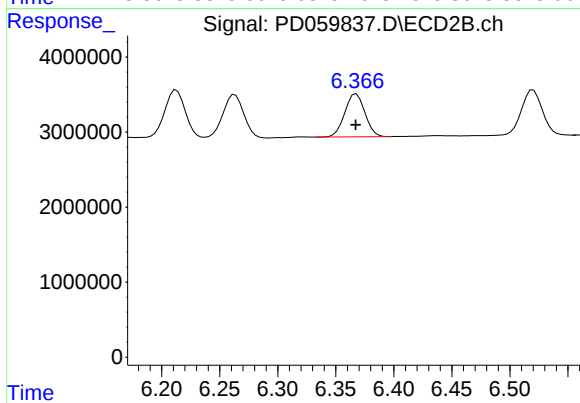
#11 alpha-Chlordane

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 7736250
Conc: 2.66 ng/ml



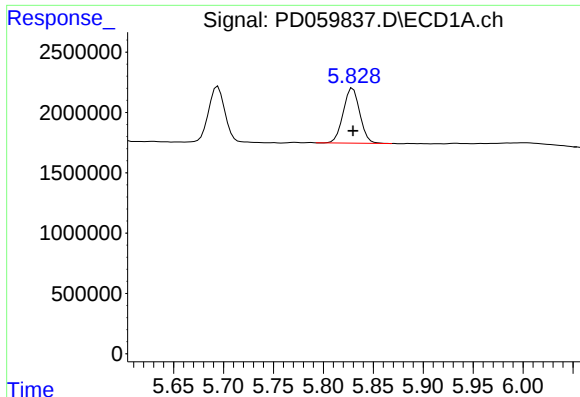
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 5253050
Conc: 2.59 ng/ml



#12 4,4'-DDE

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 6906330
Conc: 2.52 ng/ml



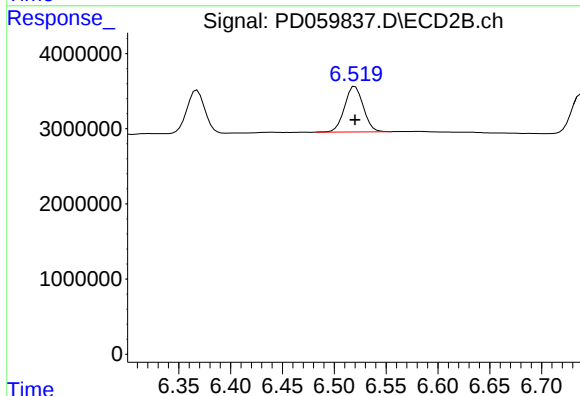
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 5253315
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

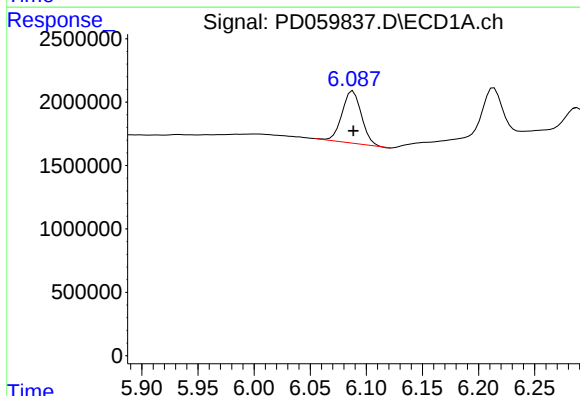
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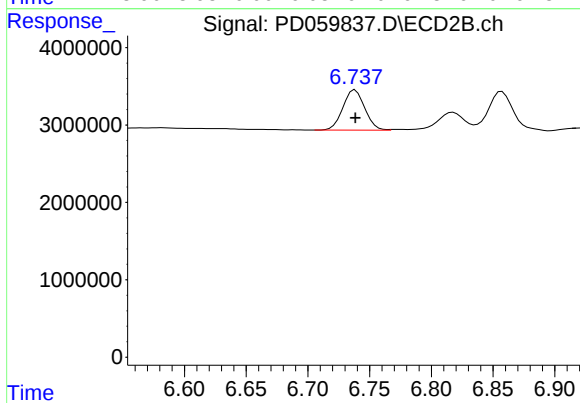
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 7627137
Conc: 2.66 ng/ml



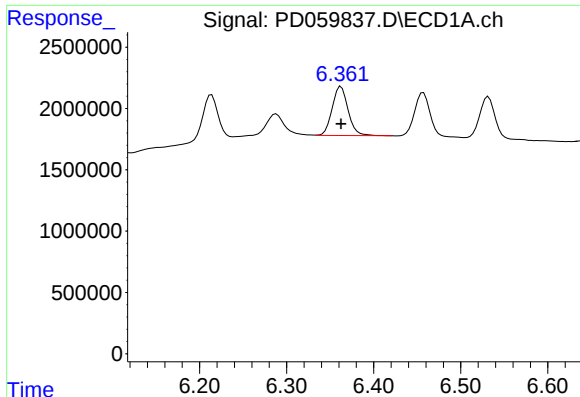
#14 Endrin

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 4990087
Conc: 2.72 ng/ml



#14 Endrin

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 6412876
Conc: 2.59 ng/ml



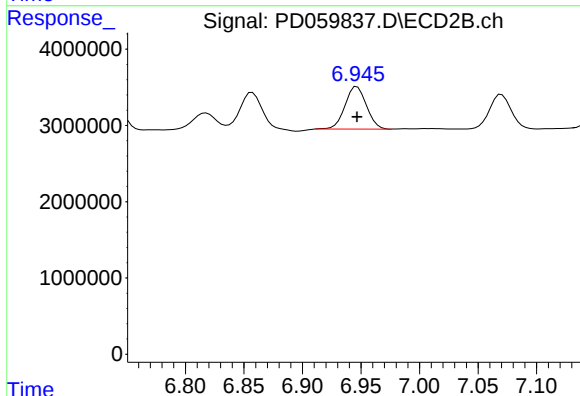
#15 Endosulfan II

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 5081006
Conc: 2.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

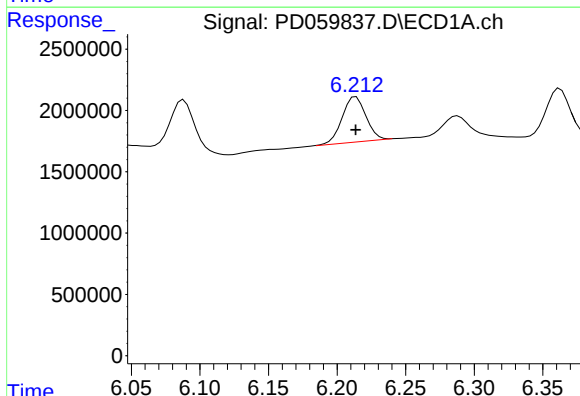
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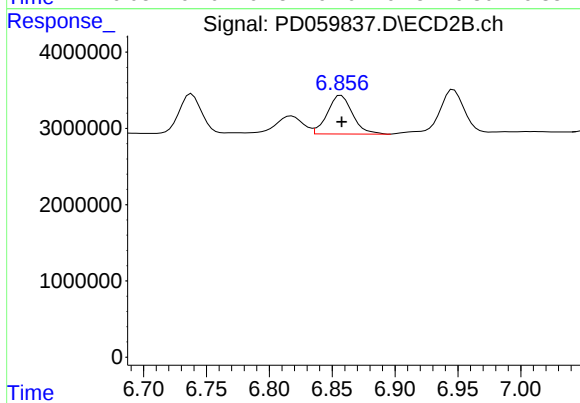
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 7122791
Conc: 2.75 ng/ml m



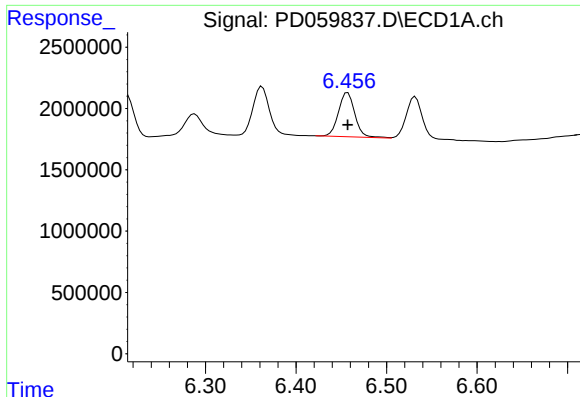
#16 4,4'-DDD

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 4443344
Conc: 2.66 ng/ml



#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 7030246
Conc: 3.04 ng/ml



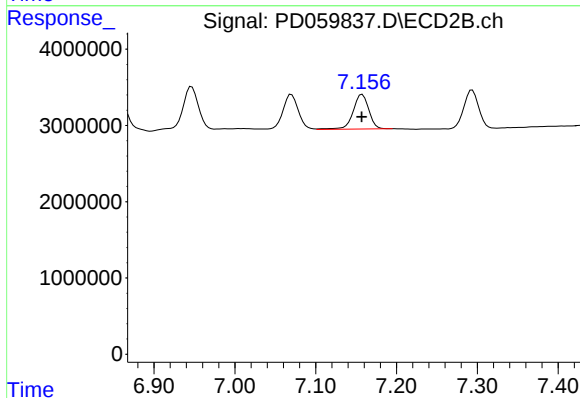
#17 4,4'-DDT

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 4541519
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

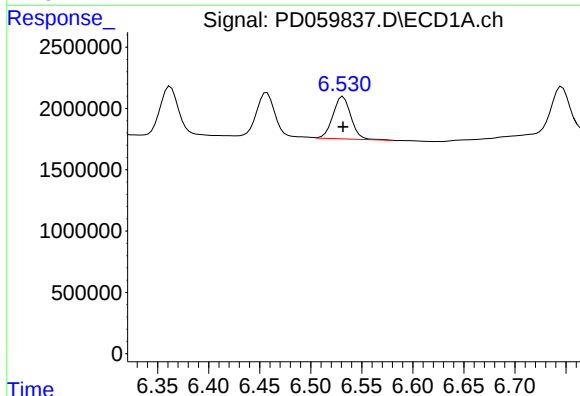
Manual Integrations
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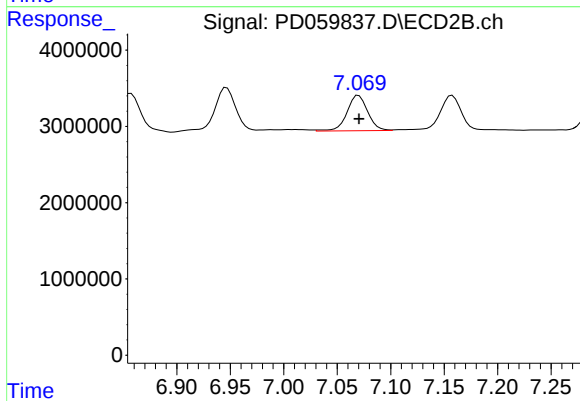
#17 4,4'-DDT

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 6172222
Conc: 2.61 ng/ml



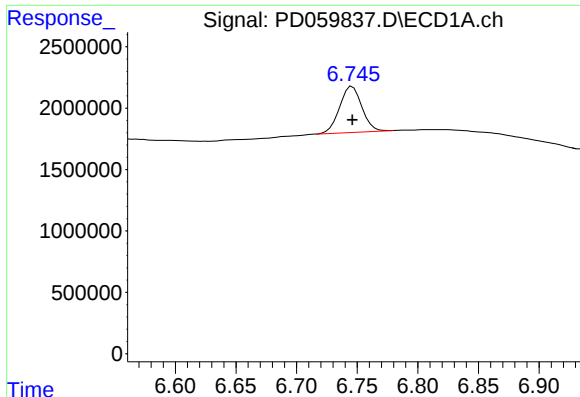
#18 Endrin aldehyde

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 4229396
Conc: 2.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 6250542
Conc: 3.02 ng/ml



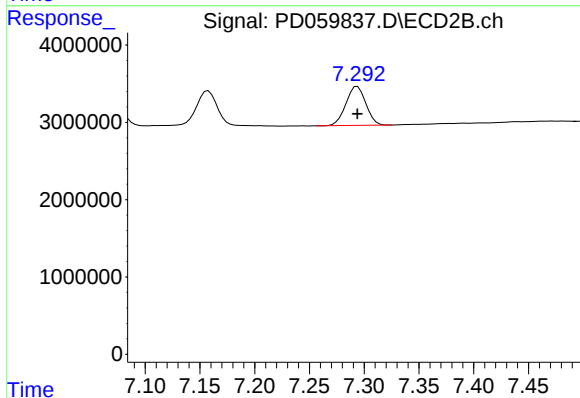
#19 Endosulfan Sulfate

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 4776771
Conc: 2.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

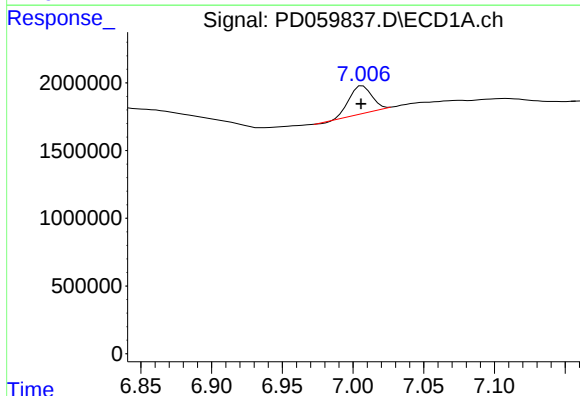
Manual Integrations
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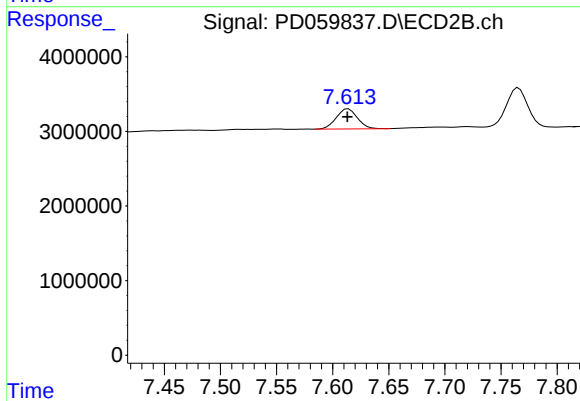
#19 Endosulfan Sulfate

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 6399606
Conc: 2.78 ng/ml



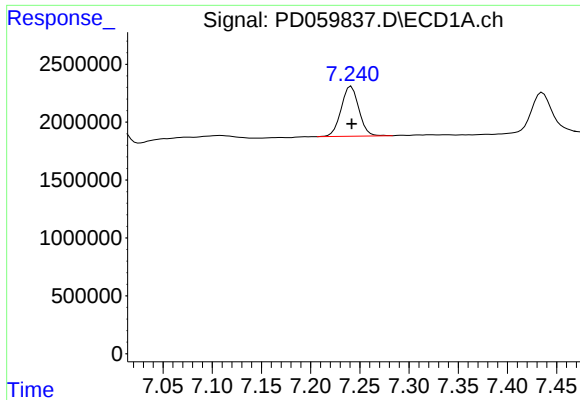
#20 Methoxychlor

R.T.: 7.007 min
Delta R.T.: 0.001 min
Response: 2237696
Conc: 2.36 ng/ml



#20 Methoxychlor

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 3543127
Conc: 2.78 ng/ml



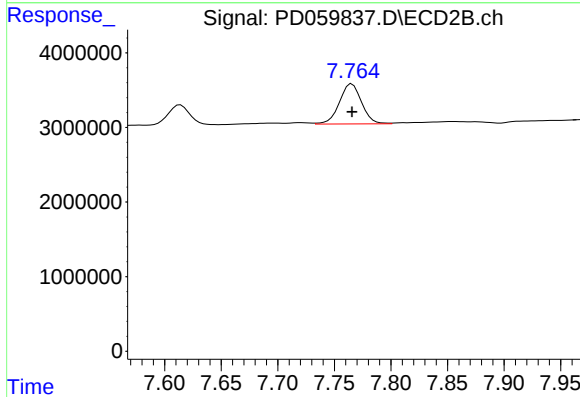
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 5402498
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

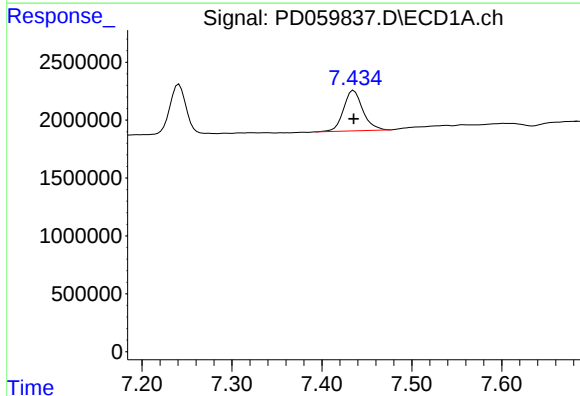
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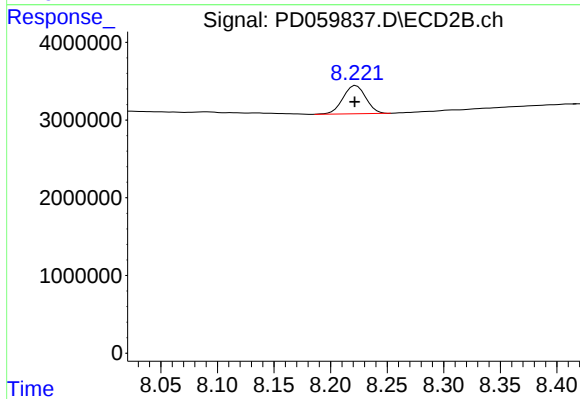
#21 Endrin ketone

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 7343439
Conc: 2.96 ng/ml



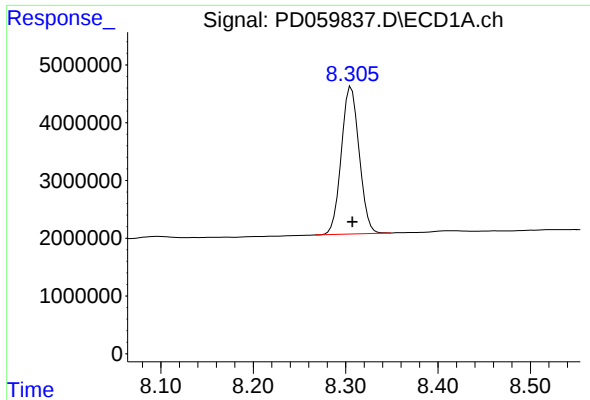
#22 Mirex

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 5200570
Conc: 3.63 ng/ml



#22 Mirex

R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 5117017
Conc: 3.13 ng/ml



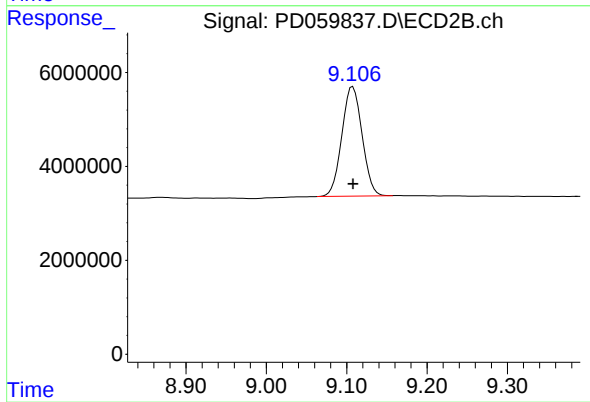
#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 34234317
Conc: 22.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 40990648
Conc: 22.64 ng/ml