

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 10:18
 Operator : DD\AJ
 Sample : L4214-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:34:08 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	30554217	51465253	20.577	20.968
28)	SA Decachlor...	8.307	9.107	34968183	41736108	22.617	23.047
Target Compounds							
2)	A alpha-BHC	3.949	4.415	12031735	19722561	4.978	5.148
3)	MA gamma-BHC...	4.235	4.700	11973661	17523598	5.256	4.994
4)	MA Heptachlor	4.543	5.212	12300513	19433285	5.184	5.699
5)	MB Aldrin	4.795	5.517	11542360	16527625	5.173	5.261m
6)	B beta-BHC	4.486	4.868	5507570	8204960	5.858	5.602
7)	B delta-BHC	4.694	5.086	11083683	15250290	5.017	5.341m
8)	B Heptachlo...	5.241	5.905	11240676	16274368	5.479	5.929
9)	A Endosulfan I	5.584	6.263	10345572	14673053	5.462	5.496
10)	B gamma-Chl...	5.471	6.139	12214271	15588328	5.921	5.333
11)	B alpha-Chl...	5.529	6.213	11445503	15984699	5.592	5.499
12)	B 4,4'-DDE	5.694	6.367	10688745	14464131	5.274	5.274
13)	MA Dieldrin	5.829	6.520	10848821	15610372	5.280	5.438
14)	MA Endrin	6.089	6.739	9980040	13279643	5.430	5.367
15)	B Endosulfa...	6.363	6.946	10126833	14914461	5.357	5.748
16)	A 4,4'-DDD	6.214	6.857	9067387	13330553	5.428	5.760
17)	MA 4,4'-DDT	6.457	7.157	9252703	12473855	5.156	5.266
18)	B Endrin al...	6.532	7.070	8432115	12329186	5.804	5.964
19)	B Endosulfa...	6.746	7.293	9337704	13174381	5.776	5.728
20)	A Methoxychlor	7.006	7.614	5105809	7241722	5.390	5.689
21)	B Endrin ke...	7.241	7.766	10738263	14677624	5.727	5.907
22)	Mirex	7.436	8.223	9558279	10514585	6.672	6.434

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
Data File : PD059838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 10:18
Operator : DD\AJ
Sample : L4214-02
Misc : PEST LOQ 5 PPB
ALS Vial : 10 Sample Multiplier: 1

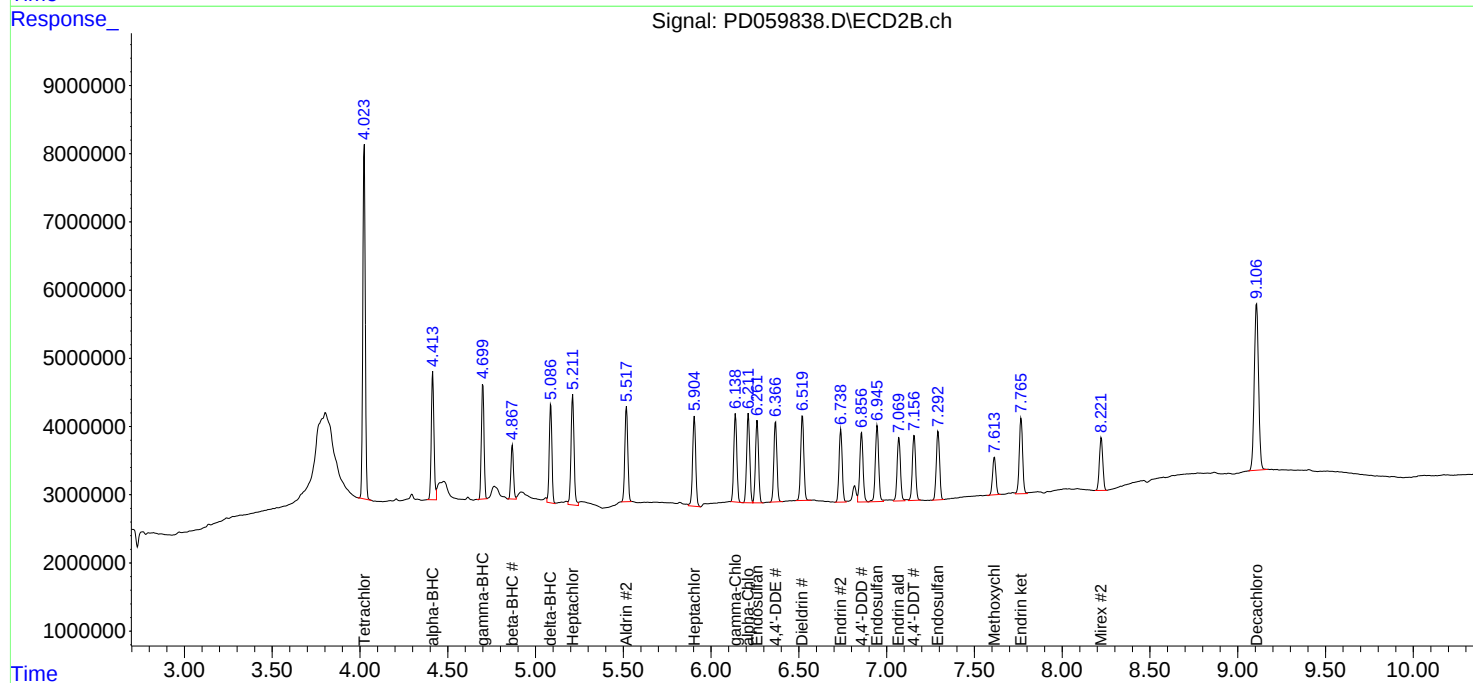
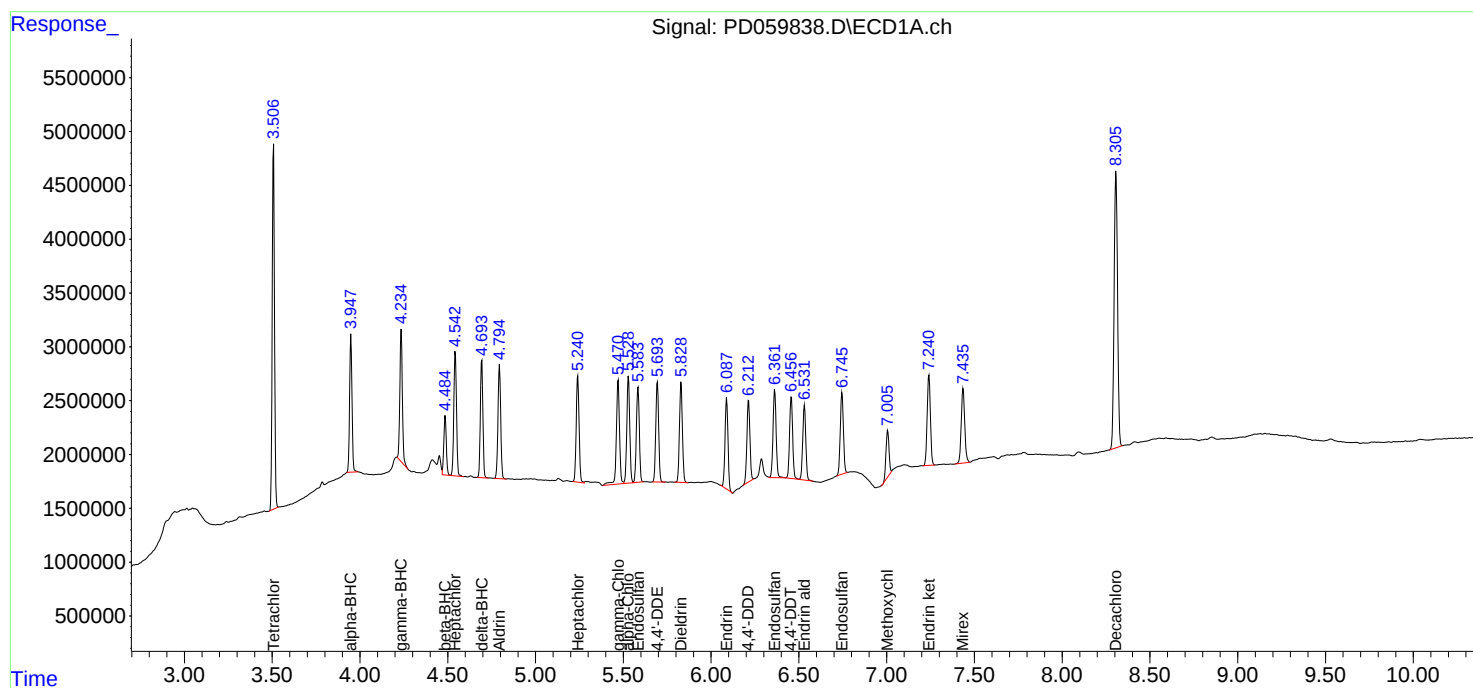
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

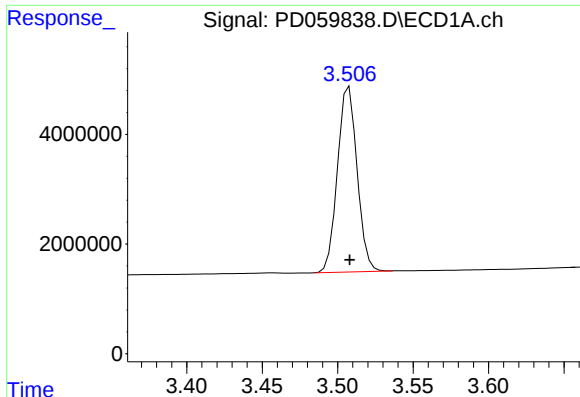
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:34:08 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response 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





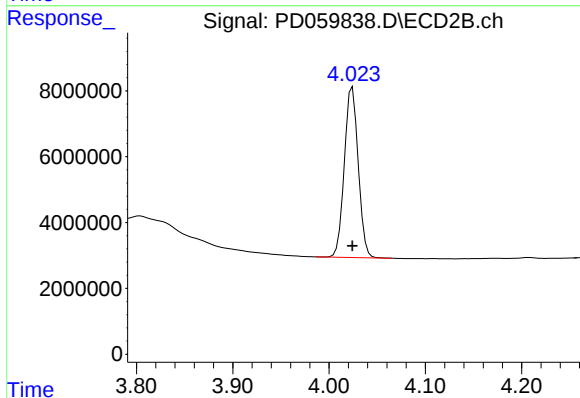
#1 Tetrachloro-m-xylene

R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 30554217
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

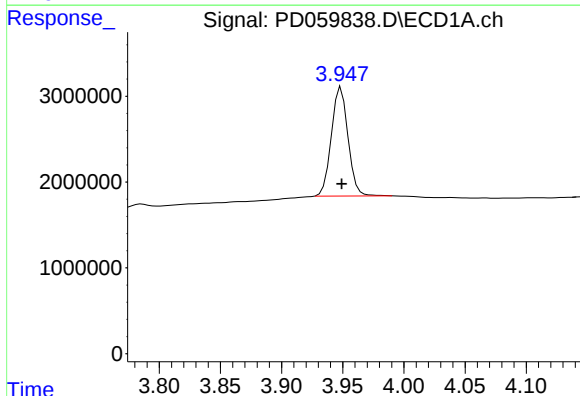
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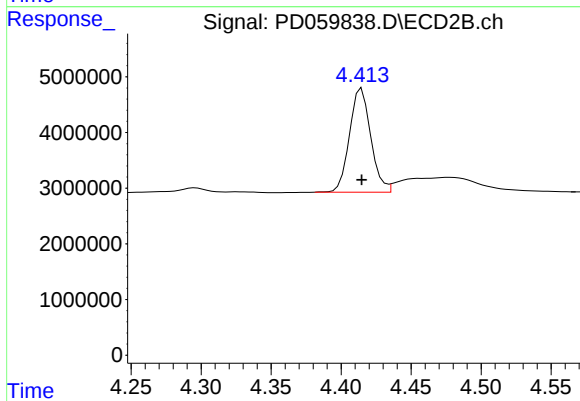
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 51465253
Conc: 20.97 ng/ml



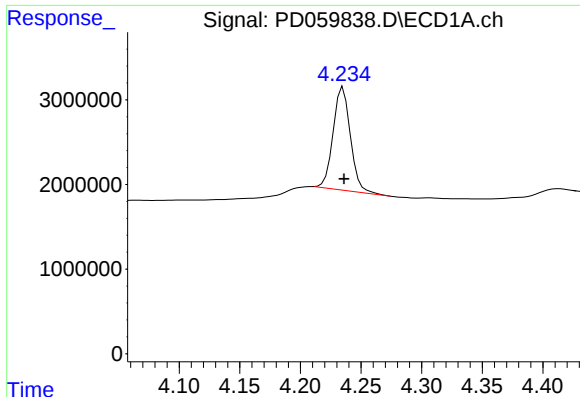
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 12031735
Conc: 4.98 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 19722561
Conc: 5.15 ng/ml



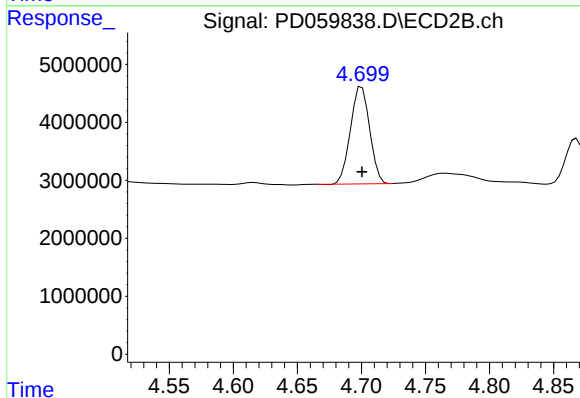
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 11973661
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

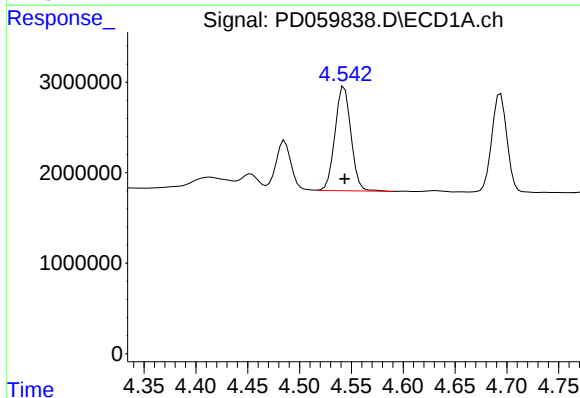
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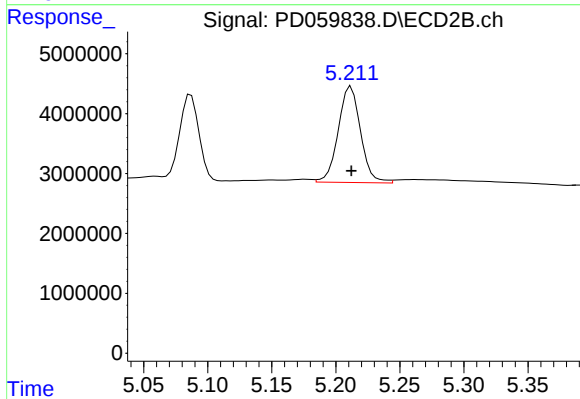
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 17523598
Conc: 4.99 ng/ml



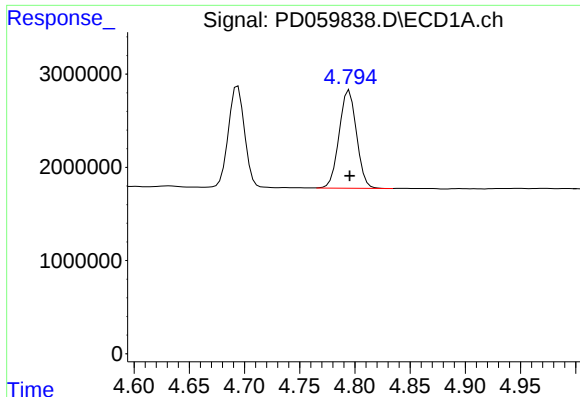
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 12300513
Conc: 5.18 ng/ml



#4 Heptachlor

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 19433285
Conc: 5.70 ng/ml



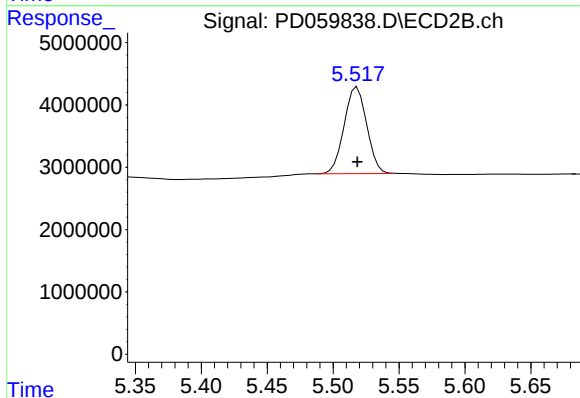
#5 Aldrin

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 11542360
Conc: 5.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

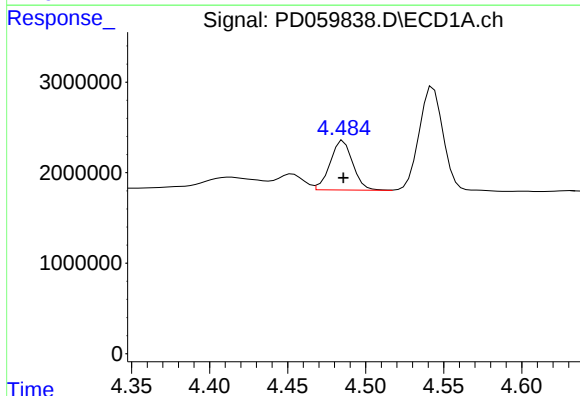
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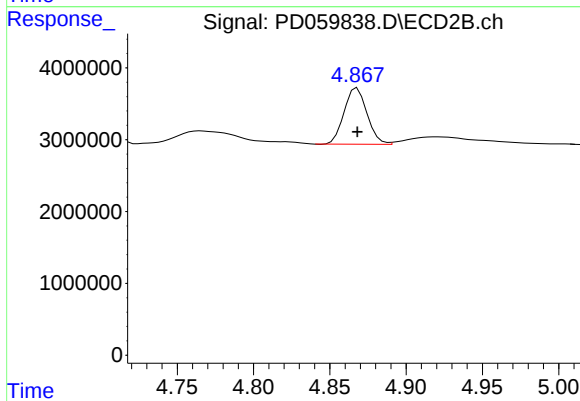
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 16527625
Conc: 5.26 ng/ml m



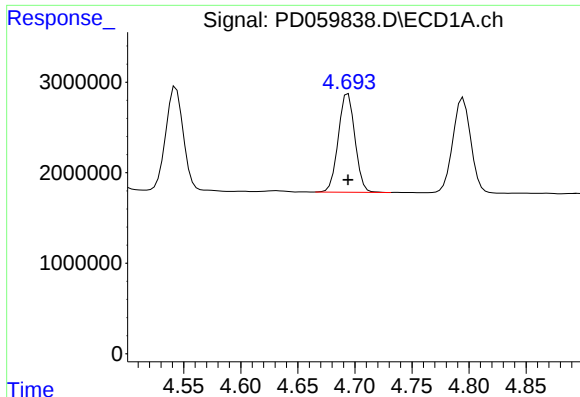
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 5507570
Conc: 5.86 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 8204960
Conc: 5.60 ng/ml



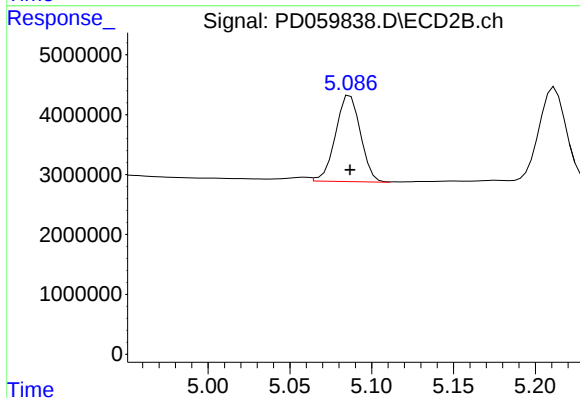
#7 delta-BHC

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 11083683
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

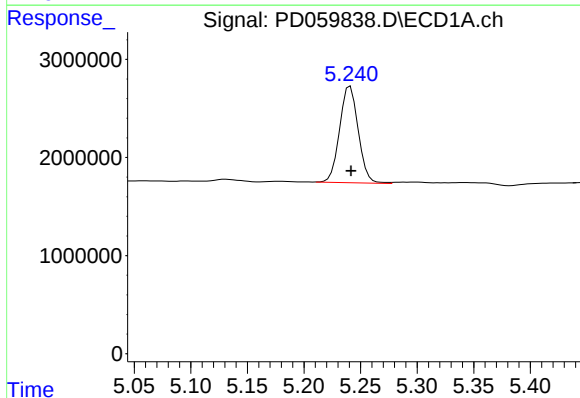
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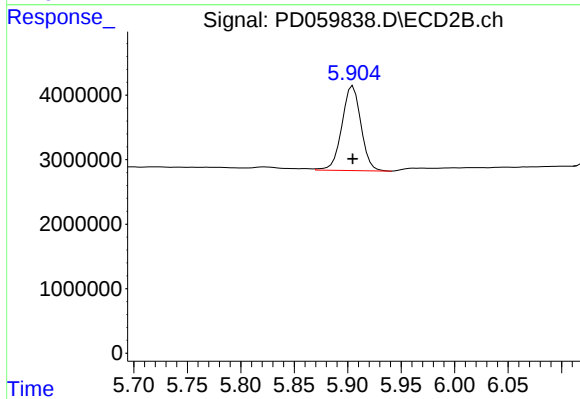
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 15250290
Conc: 5.34 ng/ml m



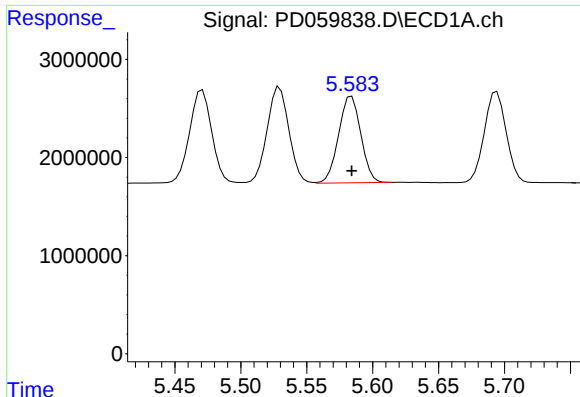
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 11240676
Conc: 5.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 16274368
Conc: 5.93 ng/ml



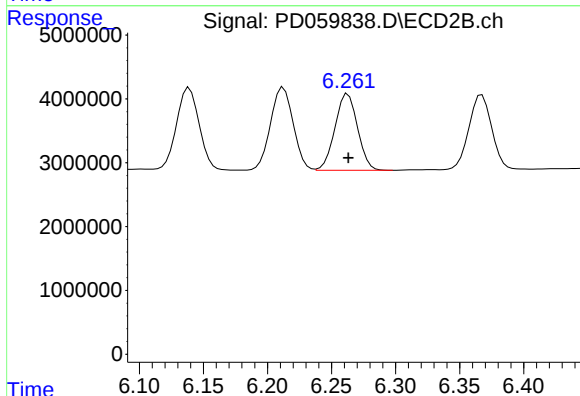
#9 Endosulfan I

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 10345572
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

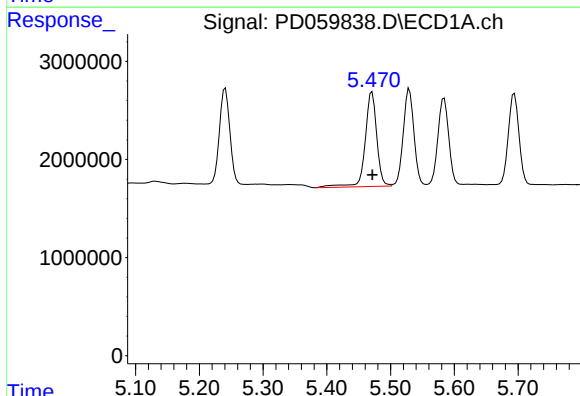
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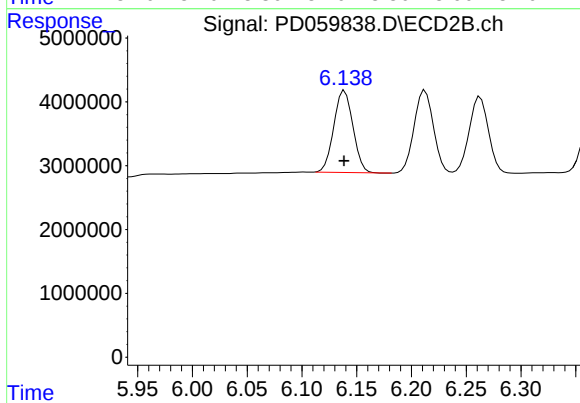
#9 Endosulfan I

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 14673053
Conc: 5.50 ng/ml



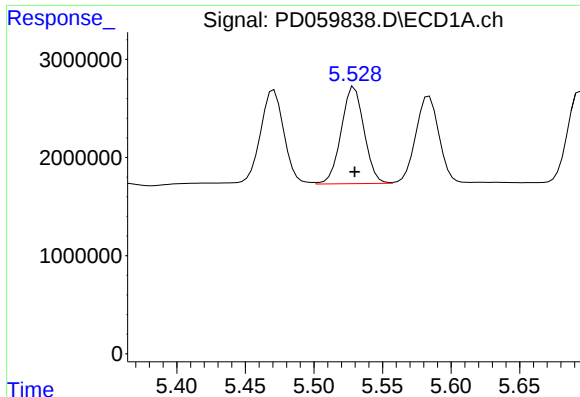
#10 gamma-Chlordane

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 12214271
Conc: 5.92 ng/ml



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 15588328
Conc: 5.33 ng/ml



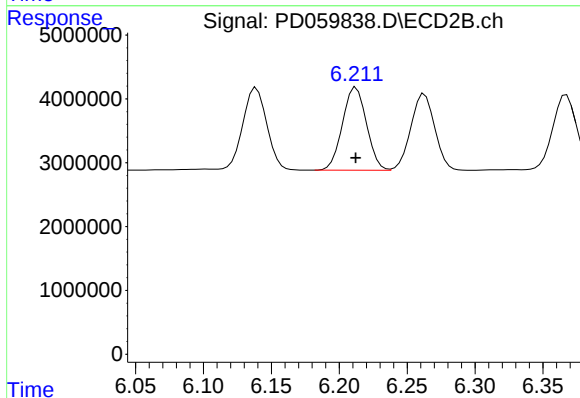
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 11445503
Conc: 5.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

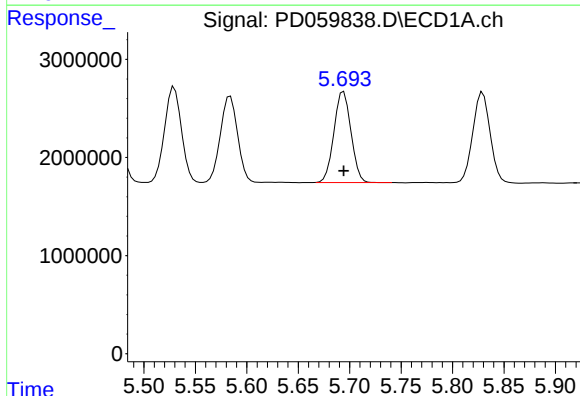
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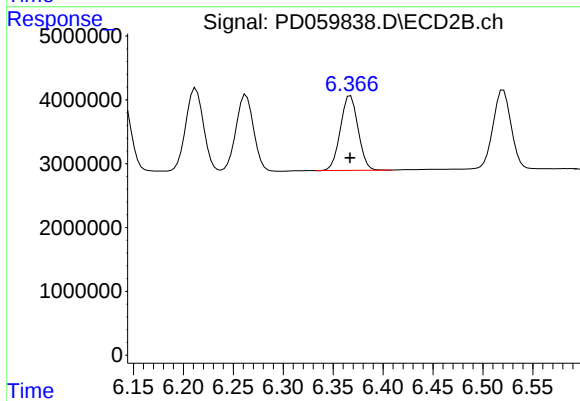
#11 alpha-Chlordane

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 15984699
Conc: 5.50 ng/ml



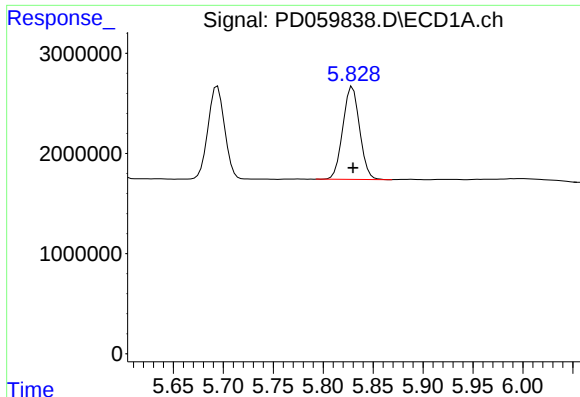
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 10688745
Conc: 5.27 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 14464131
Conc: 5.27 ng/ml



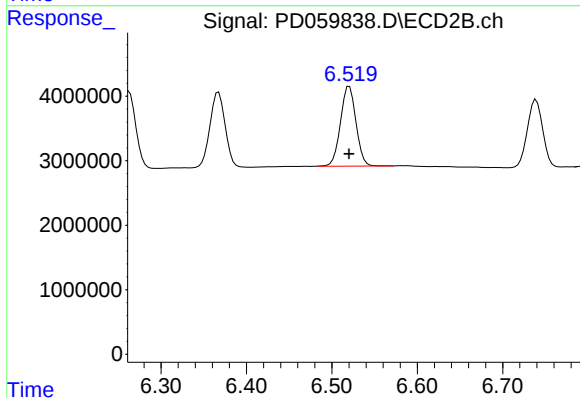
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 10848821
Conc: 5.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

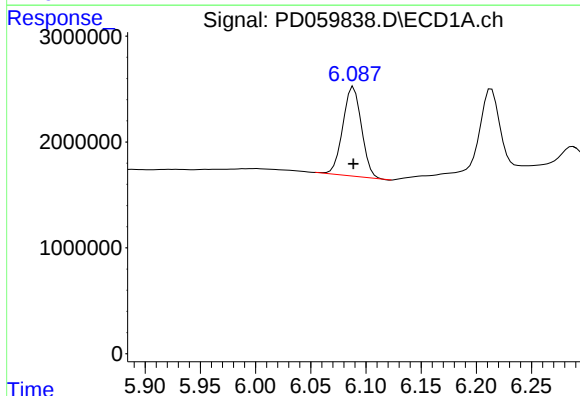
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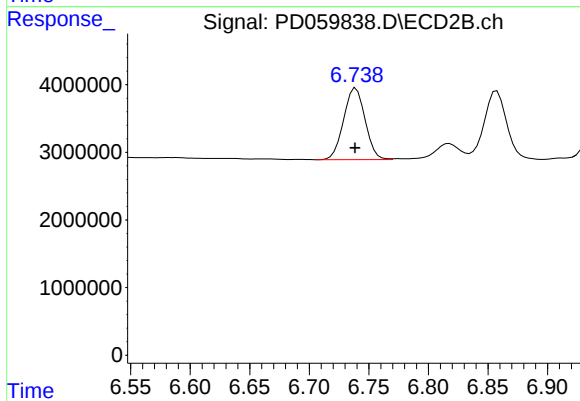
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 15610372
Conc: 5.44 ng/ml



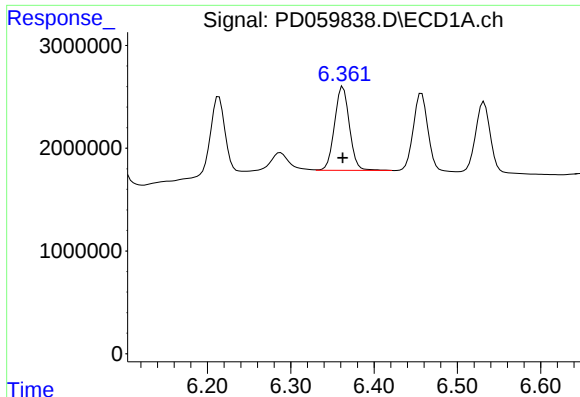
#14 Endrin

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 9980040
Conc: 5.43 ng/ml



#14 Endrin

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 13279643
Conc: 5.37 ng/ml



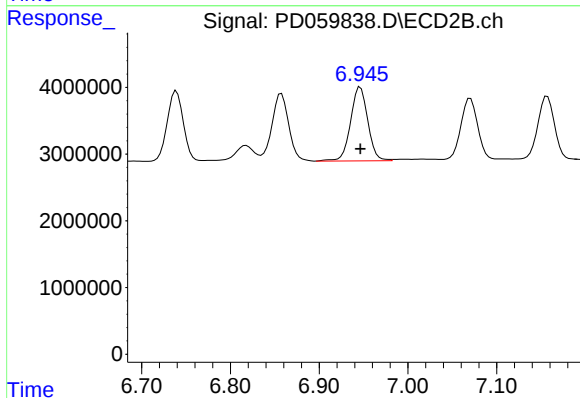
#15 Endosulfan II

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 10126833
Conc: 5.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

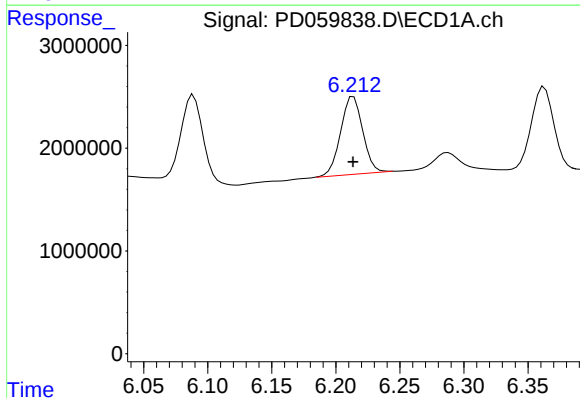
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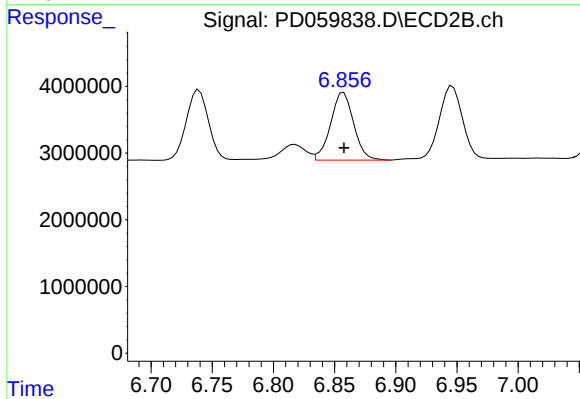
#15 Endosulfan II

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 14914461
Conc: 5.75 ng/ml



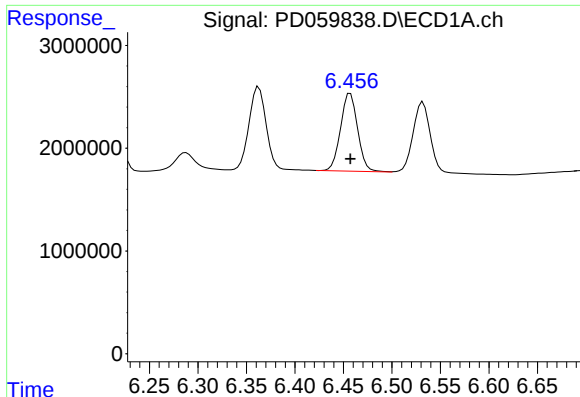
#16 4,4'-DDD

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 9067387
Conc: 5.43 ng/ml



#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 13330553
Conc: 5.76 ng/ml



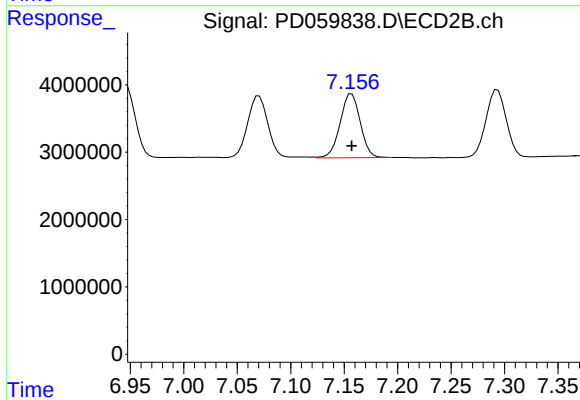
#17 4,4'-DDT

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 9252703
Conc: 5.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

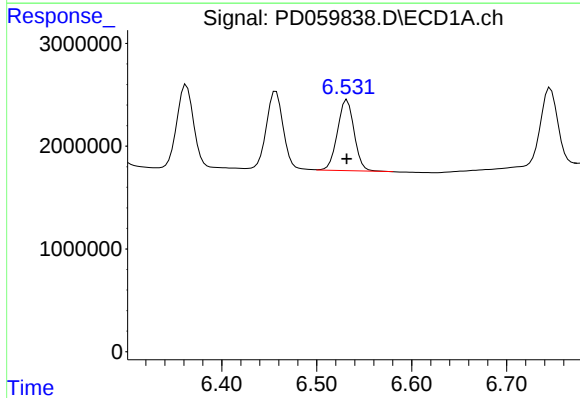
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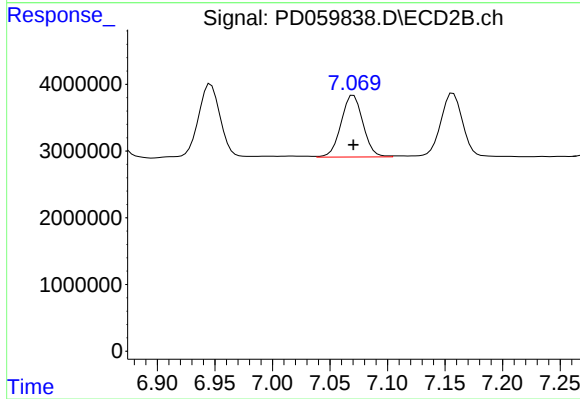
#17 4,4'-DDT

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 12473855
Conc: 5.27 ng/ml



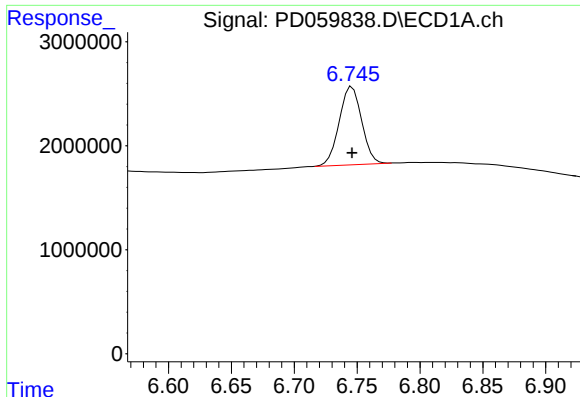
#18 Endrin aldehyde

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 8432115
Conc: 5.80 ng/ml



#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 12329186
Conc: 5.96 ng/ml



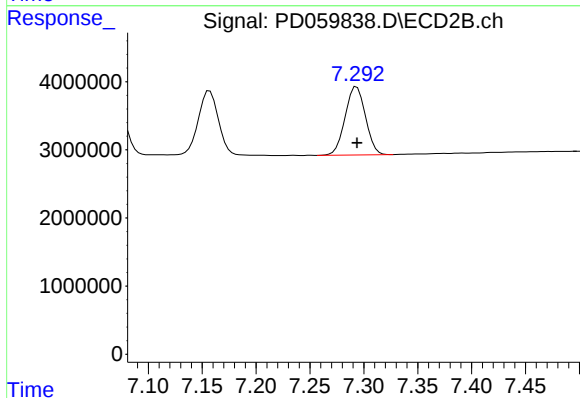
#19 Endosulfan Sulfate

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 9337704
Conc: 5.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

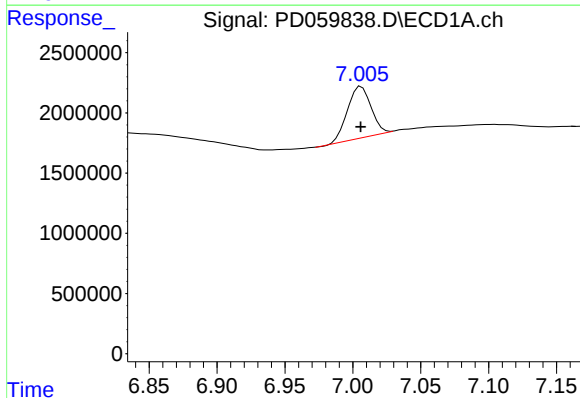
Manual Integrations
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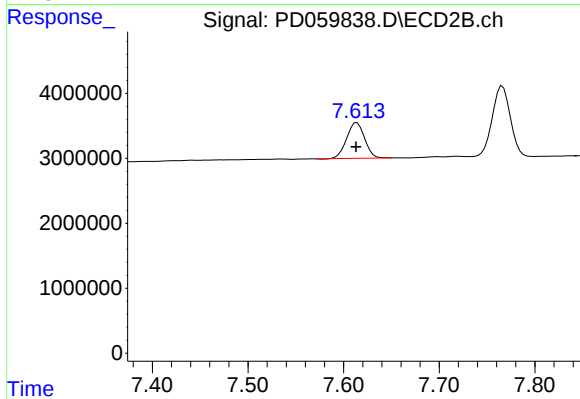
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 13174381
Conc: 5.73 ng/ml



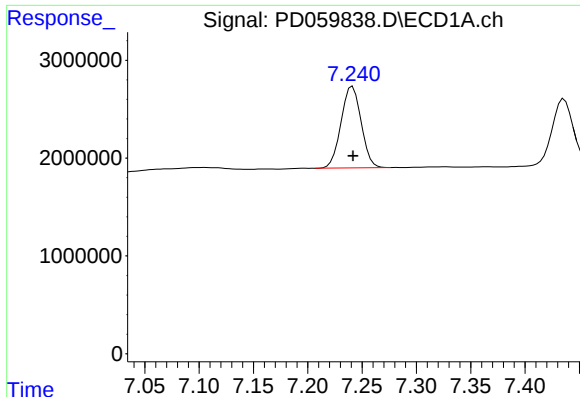
#20 Methoxychlor

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 5105809
Conc: 5.39 ng/ml



#20 Methoxychlor

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 7241722
Conc: 5.69 ng/ml



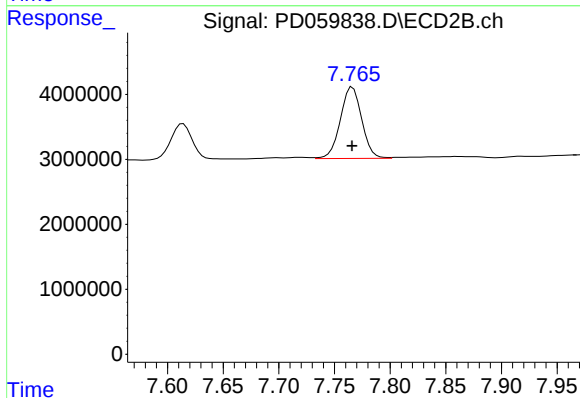
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 10738263
Conc: 5.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

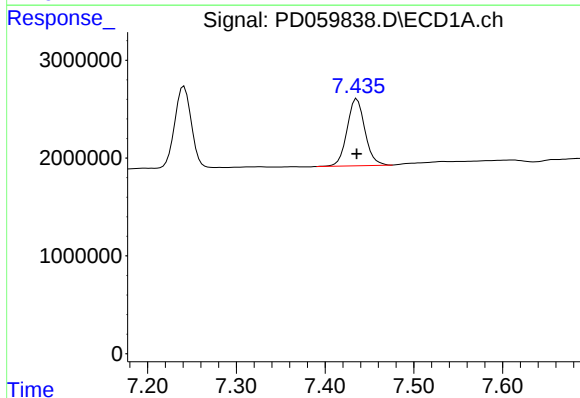
Manual Integrations
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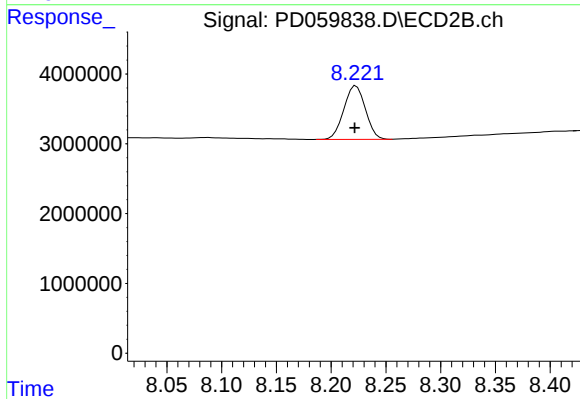
#21 Endrin ketone

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 14677624
Conc: 5.91 ng/ml



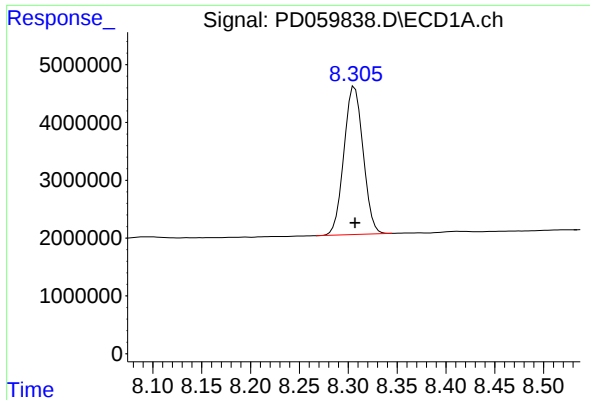
#22 Mirex

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 9558279
Conc: 6.67 ng/ml



#22 Mirex

R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 10514585
Conc: 6.43 ng/ml



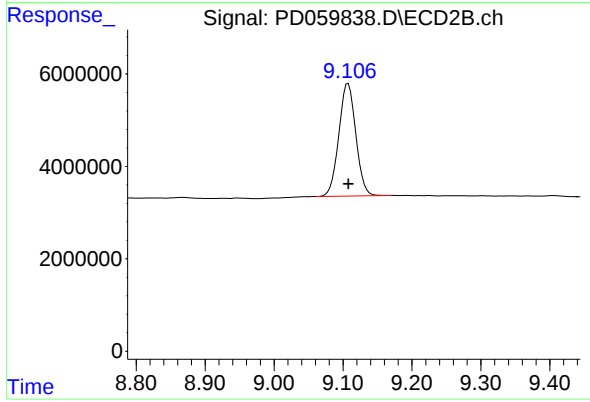
#28 Decachlorobiphenyl

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 34968183
Conc: 22.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:03:16 PM



#28 Decachlorobiphenyl

R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 41736108
Conc: 23.05 ng/ml