

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 10:03
 Operator : AJ\MA
 Sample : L1161-02
 Misc : LOQ 5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:08:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 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...	3.286	3.960	20936486	40984031	25.352	25.046
28)	SA Decachlor...	7.955	8.994	24509656	40426068	25.289	24.254
Target Compounds							
2)	A alpha-BHC	3.712	4.346	6827752	12910136	5.227	5.102
3)	MA gamma-BHC...	3.986	4.629	8235104	12454822	6.175m	5.098
4)	MA Heptachlor	4.270	5.134	6488847	13394162	5.562m	5.599
5)	MB Aldrin	4.511	5.437	6602307	12815803	5.680	5.653
6)	B beta-BHC	4.235	4.798	2999862	6140066	5.807m	5.836
7)	B delta-BHC	4.432	5.012	6270462	9333024	5.033	4.172m
8)	B Heptachlo...	4.947	5.821	6442714	12059633	6.000	5.554
9)	A Endosulfan I	5.277	6.177	6001814	11907248	6.107	5.870
10)	B gamma-Chl...	5.169	6.053	6519658	12438888	6.002	5.587m
11)	B alpha-Chl...	5.226	6.128	6427427	13556127	5.938	6.089
12)	B 4,4'-DDE	5.394	6.284	6069855	10798779	6.427	5.406
13)	MA Dieldrin	5.517	6.432	6136768	11792930	5.762	5.506
14)	MA Endrin	5.770	6.649	5505543	9770758	6.193	5.677
15)	B Endosulfa...	6.044	6.858	6330864	11156837	6.529	5.847
16)	A 4,4'-DDD	5.903	6.772	4633143	9463297	5.526m	5.625
17)	MA 4,4'-DDT	6.140	7.070	3119503	7653202	4.333	4.970
18)	B Endrin al...	6.211	6.982	5834096	9414161	6.899m	5.707
19)	B Endosulfa...	6.423	7.204	5383430	10592324	5.874	5.784
20)	A Methoxychlor	6.688	7.527	2396768	4706403	6.109	5.334
21)	B Endrin ke...	6.907	7.673	6034390	11975439	5.491	5.827
22)	Mirex	7.079	8.126	5705306	9061173	6.789m	6.186

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 10:03
Operator : AJ\MA
Sample : L1161-02
Misc : LOQ 5 PPB
ALS Vial : 9 Sample Multiplier: 1

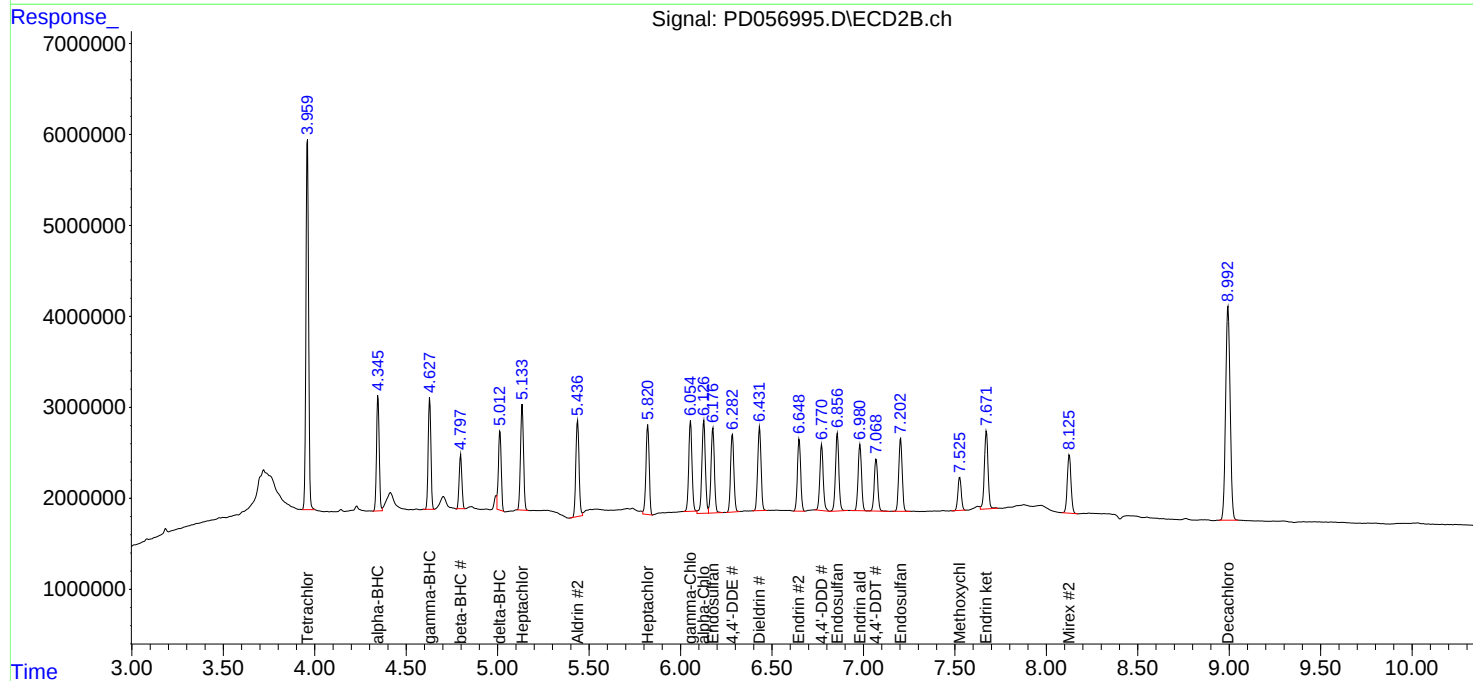
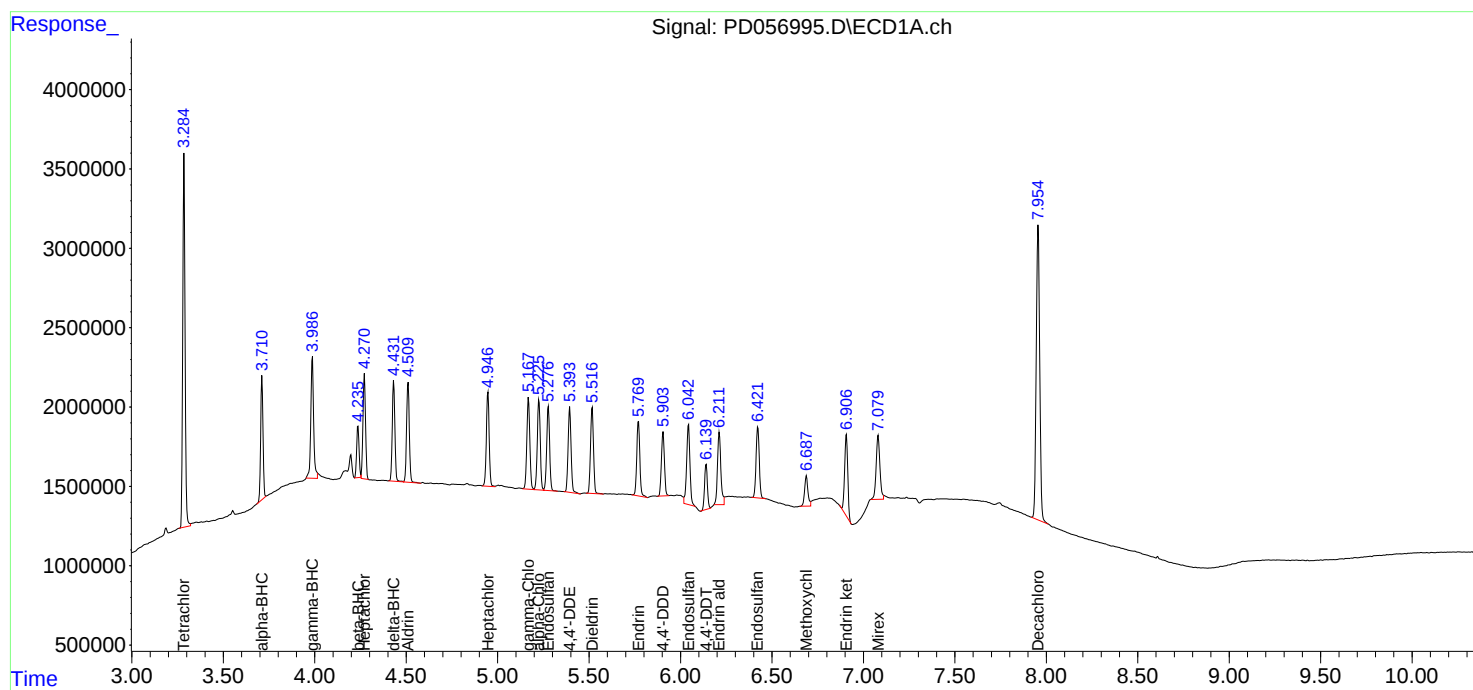
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

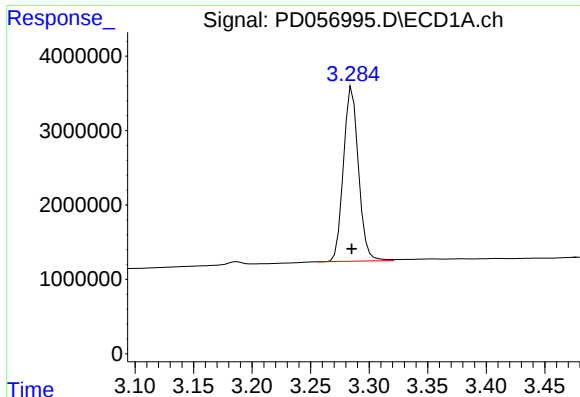
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:08:51 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
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Volume Inj. : 2 µl
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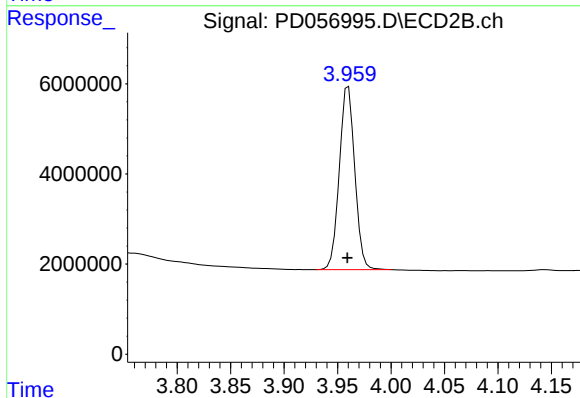
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 20936486
Conc: 25.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

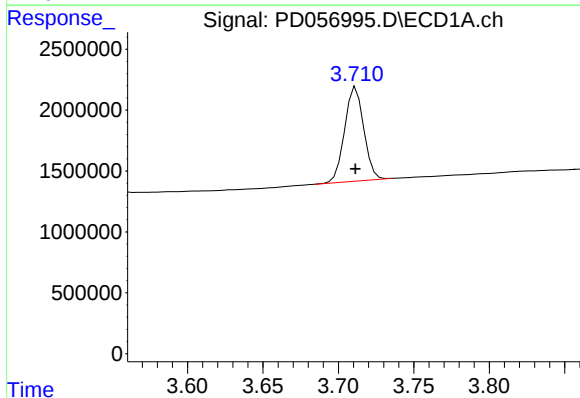
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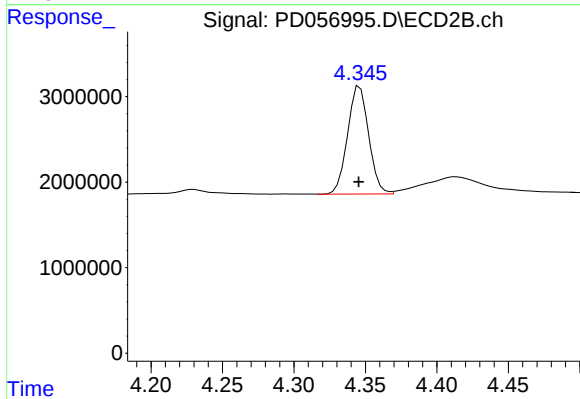
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 40984031
Conc: 25.05 ng/ml



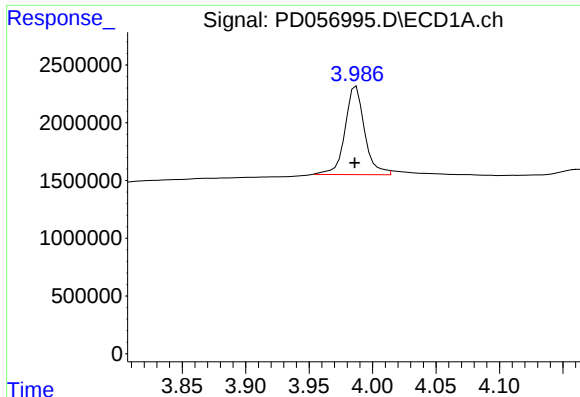
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 6827752
Conc: 5.23 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 12910136
Conc: 5.10 ng/ml



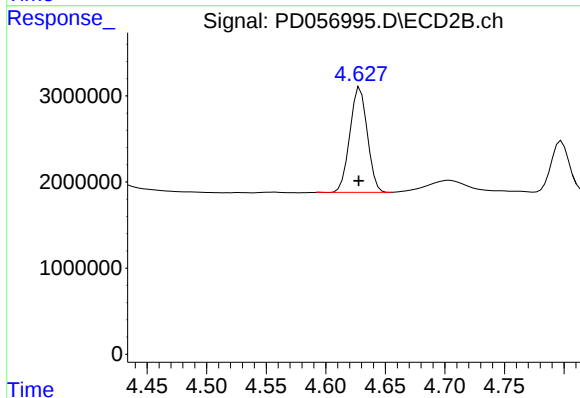
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 8235104
Conc: 6.17 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

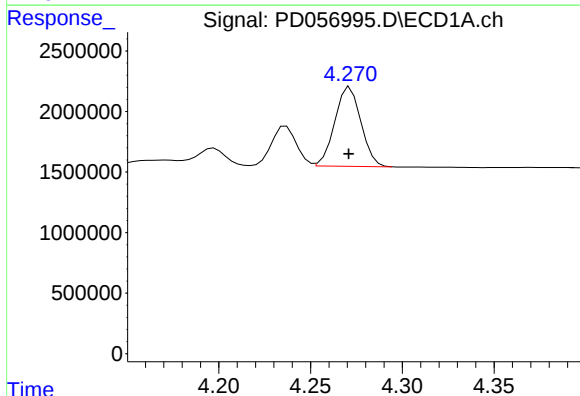
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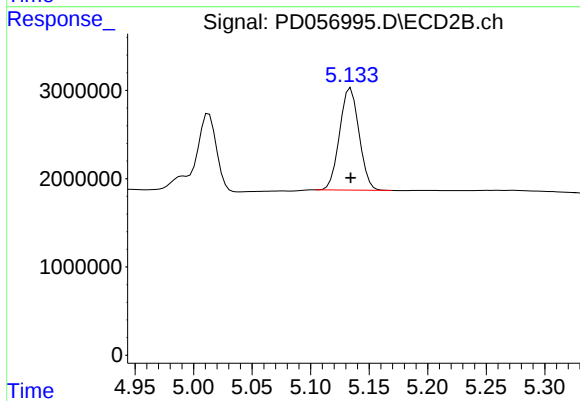
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 12454822
Conc: 5.10 ng/ml



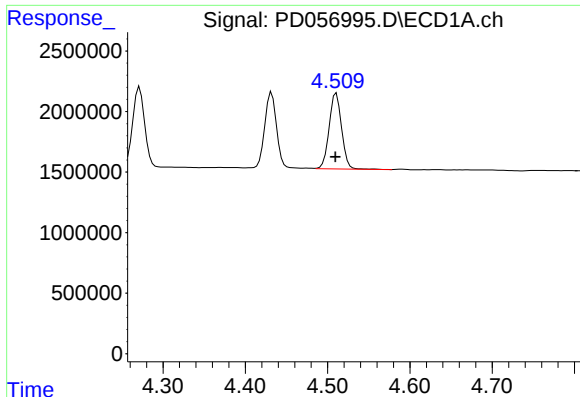
#4 Heptachlor

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 6488847
Conc: 5.56 ng/ml m



#4 Heptachlor

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 13394162
Conc: 5.60 ng/ml



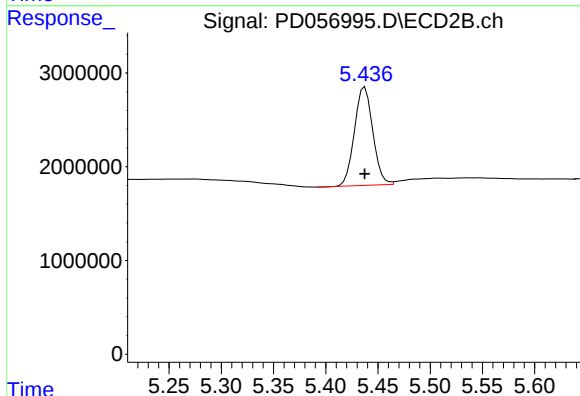
#5 Aldrin

R.T.: 4.511 min
Delta R.T.: 0.001 min
Response: 6602307
Conc: 5.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

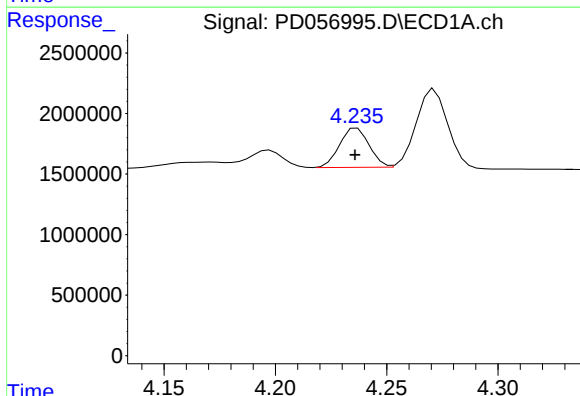
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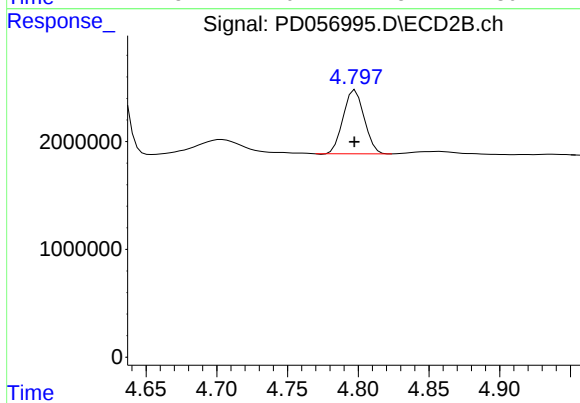
#5 Aldrin

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 12815803
Conc: 5.65 ng/ml



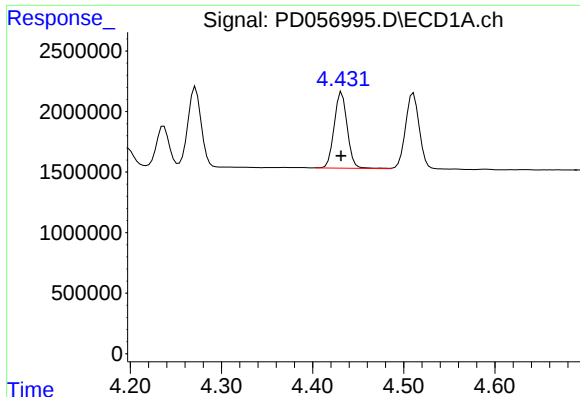
#6 beta-BHC

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 2999862
Conc: 5.81 ng/ml m



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 6140066
Conc: 5.84 ng/ml



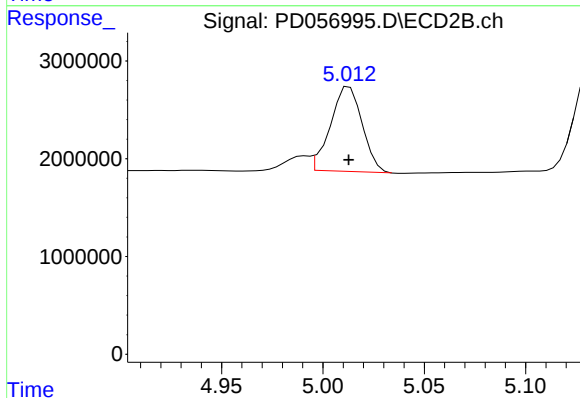
#7 delta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 6270462
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

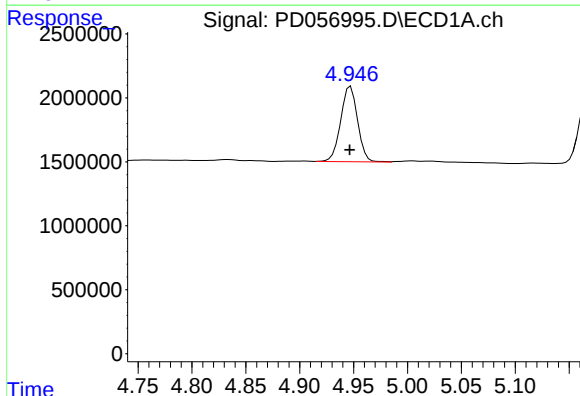
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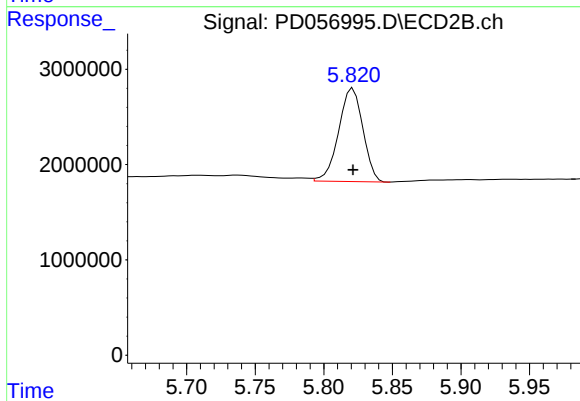
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 9333024
Conc: 4.17 ng/ml m



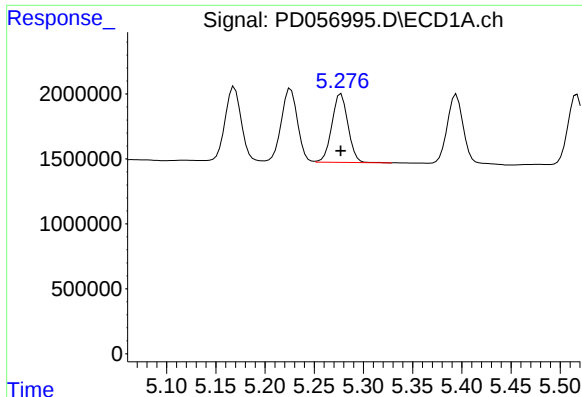
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 6442714
Conc: 6.00 ng/ml



#8 Heptachlor epoxide

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 12059633
Conc: 5.55 ng/ml



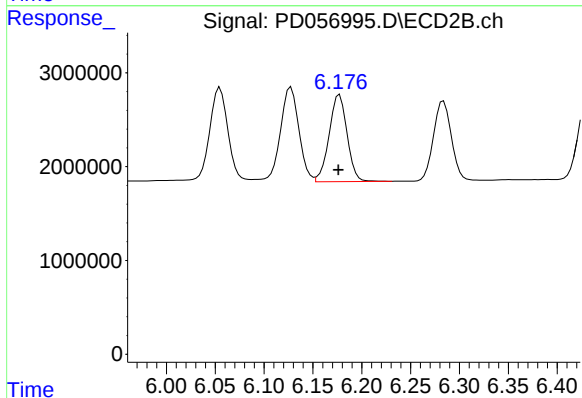
#9 Endosulfan I

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 6001814
Conc: 6.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

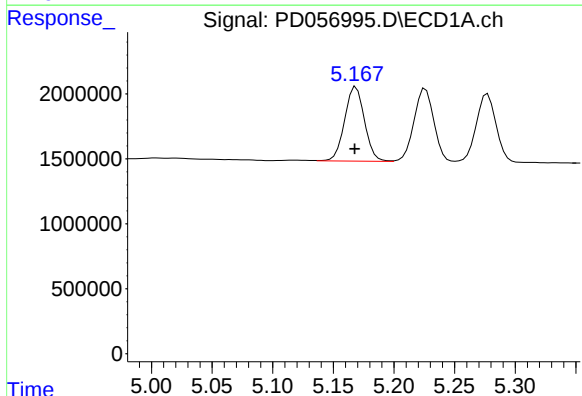
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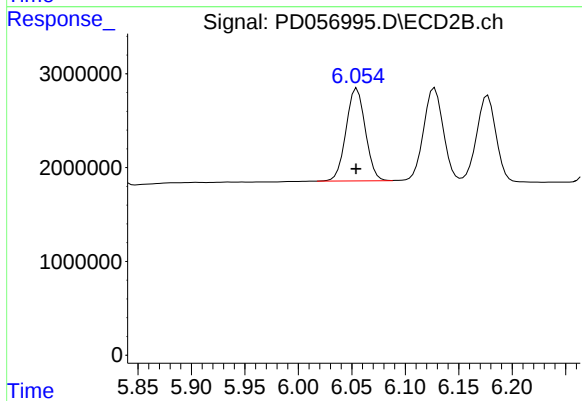
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 11907248
Conc: 5.87 ng/ml



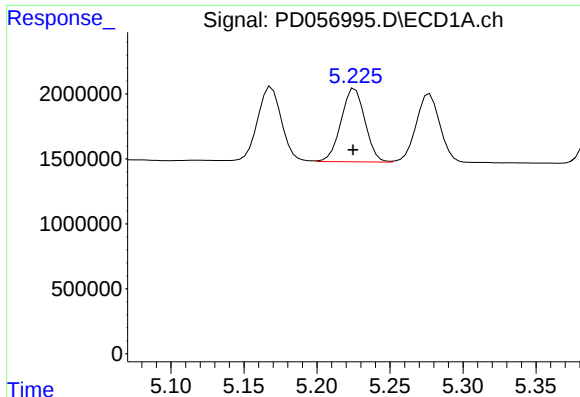
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 6519658
Conc: 6.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 12438888
Conc: 5.59 ng/ml m



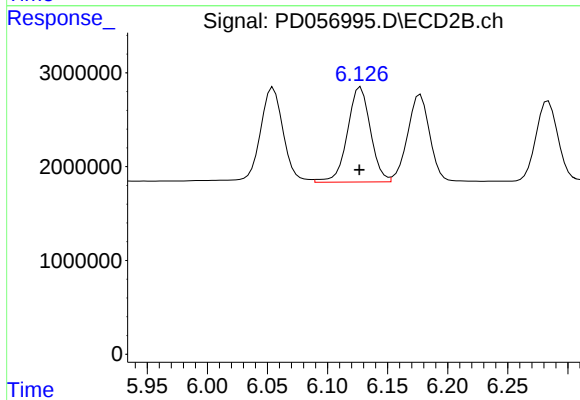
#11 alpha-Chlordane

R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 6427427
Conc: 5.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

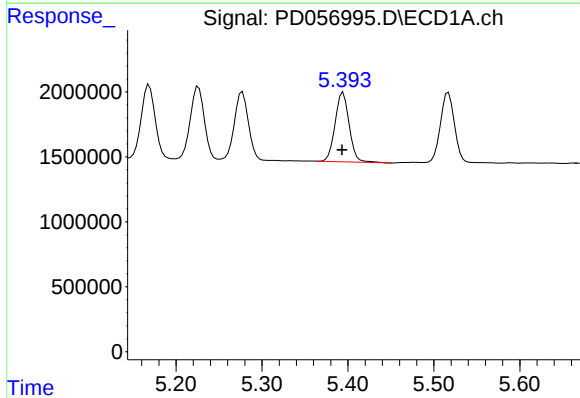
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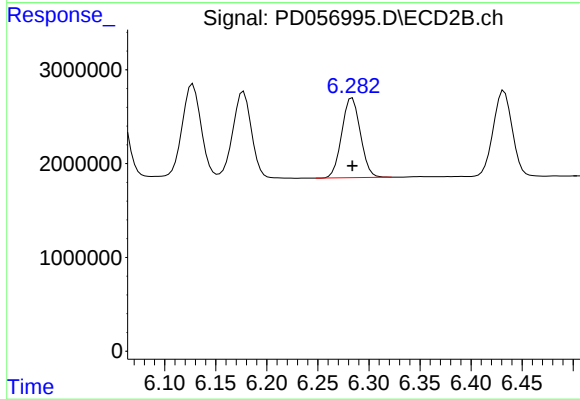
#11 alpha-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.001 min
Response: 13556127
Conc: 6.09 ng/ml



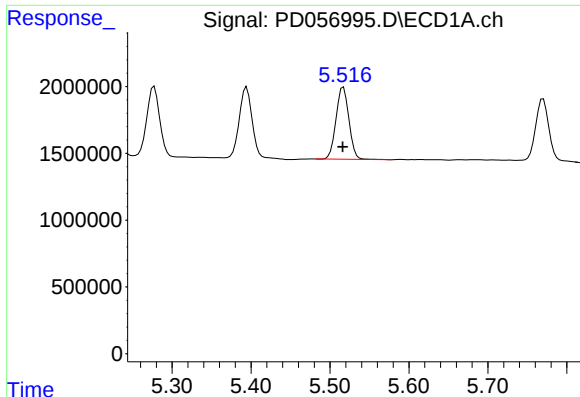
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.001 min
Response: 6069855
Conc: 6.43 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 10798779
Conc: 5.41 ng/ml



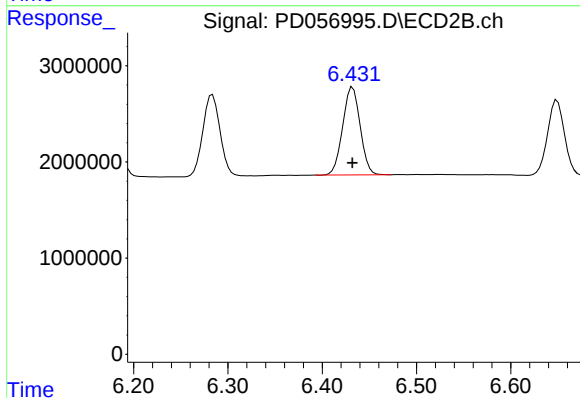
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 6136768
Conc: 5.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

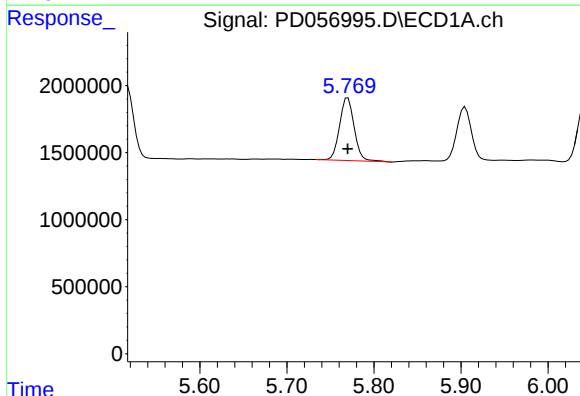
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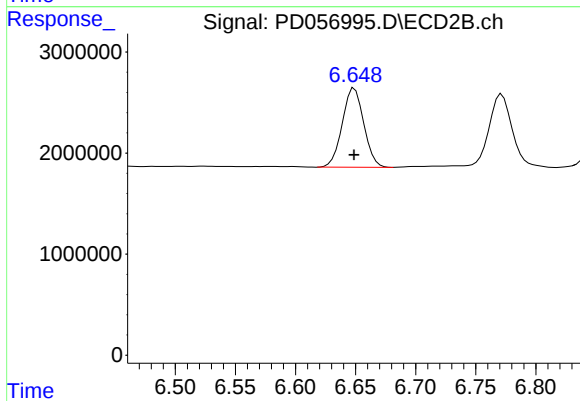
#13 Dieldrin

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 11792930
Conc: 5.51 ng/ml



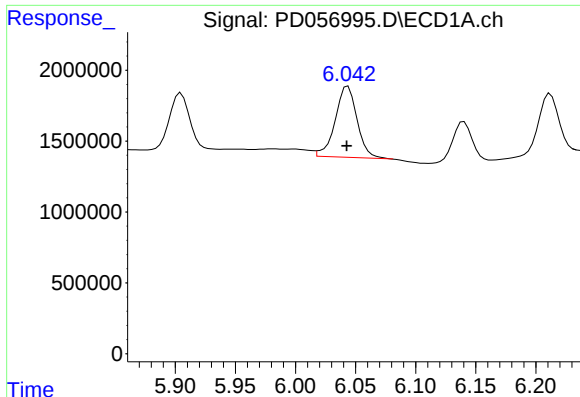
#14 Endrin

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 5505543
Conc: 6.19 ng/ml



#14 Endrin

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 9770758
Conc: 5.68 ng/ml



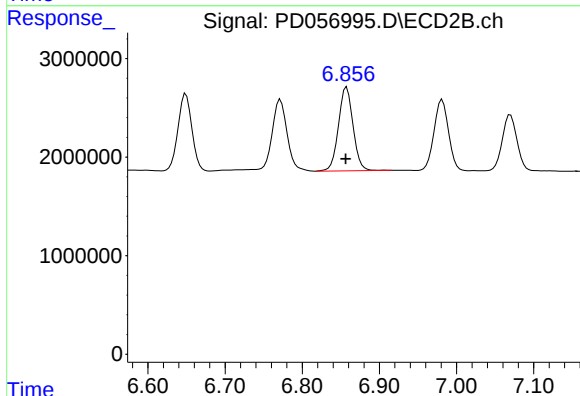
#15 Endosulfan II

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 6330864
Conc: 6.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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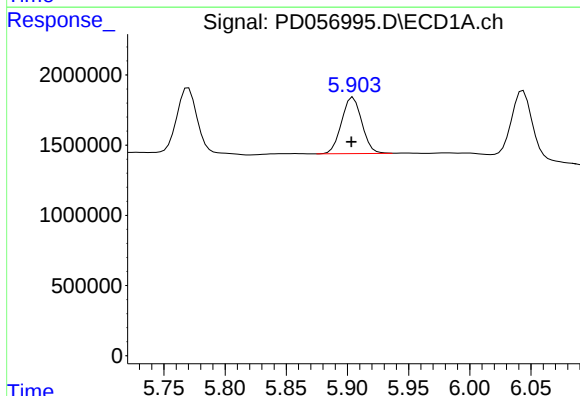
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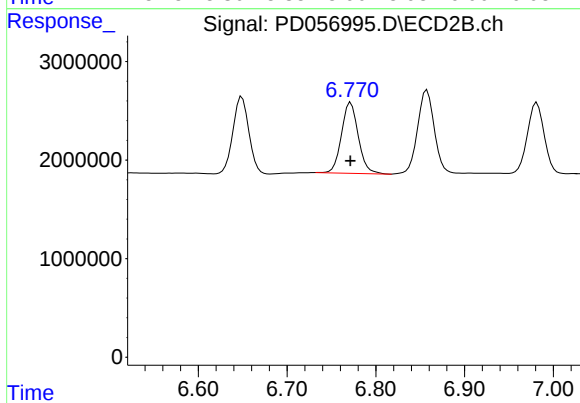
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.001 min
Response: 11156837
Conc: 5.85 ng/ml



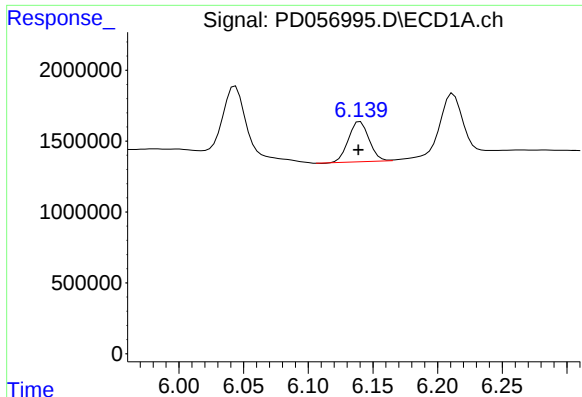
#16 4,4'-DDD

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 4633143
Conc: 5.53 ng/ml m



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 9463297
Conc: 5.63 ng/ml



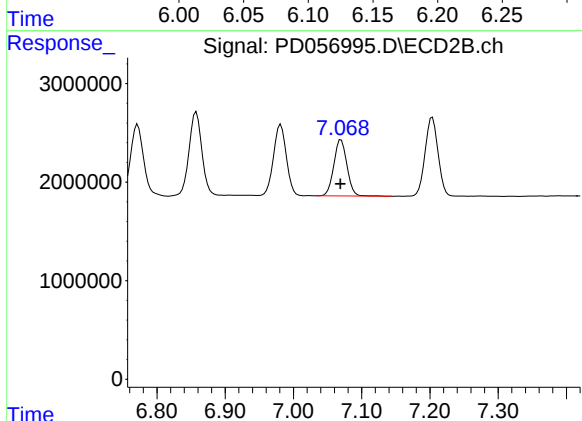
#17 4,4'-DDT

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 3119503
Conc: 4.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

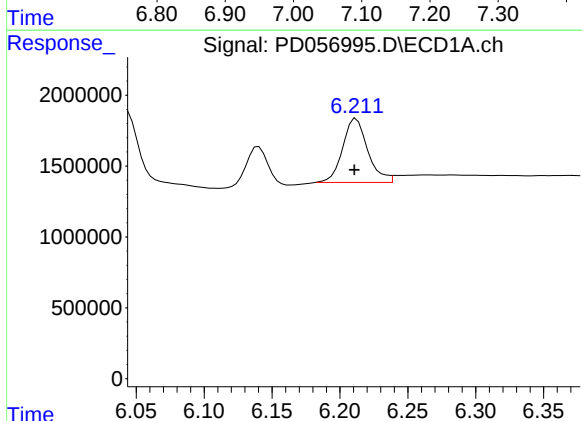
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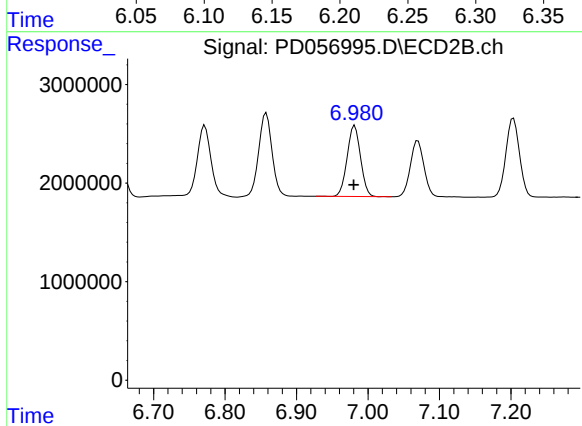
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 7653202
Conc: 4.97 ng/ml



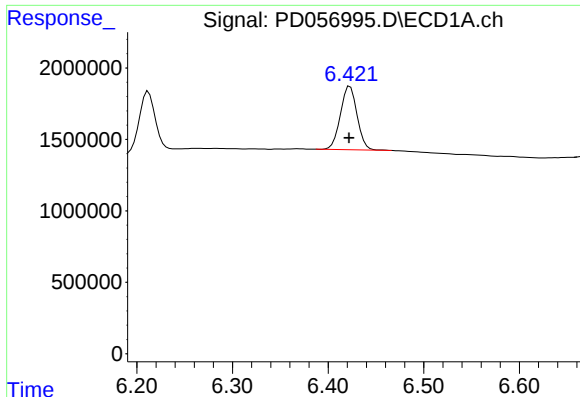
#18 Endrin aldehyde

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 5834096
Conc: 6.90 ng/ml m



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 9414161
Conc: 5.71 ng/ml



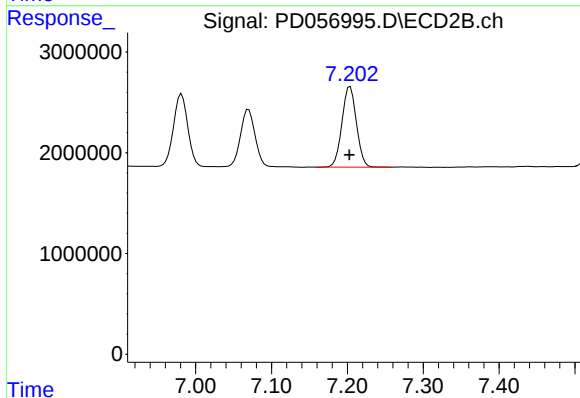
#19 Endosulfan Sulfate

R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 5383430
Conc: 5.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

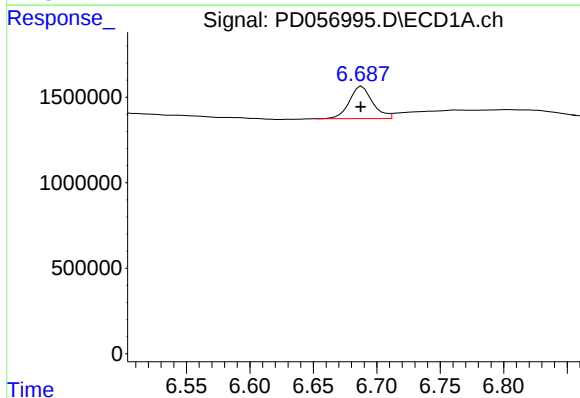
Manual Integrations
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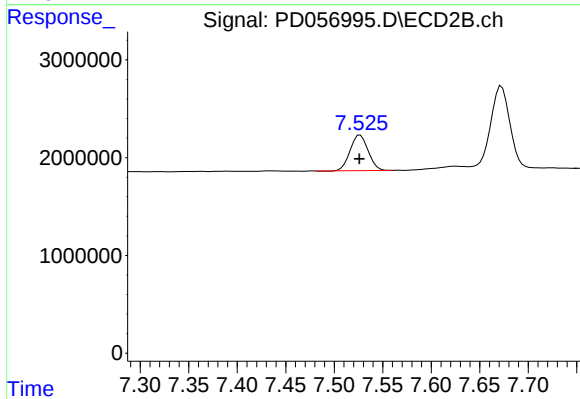
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 10592324
Conc: 5.78 ng/ml



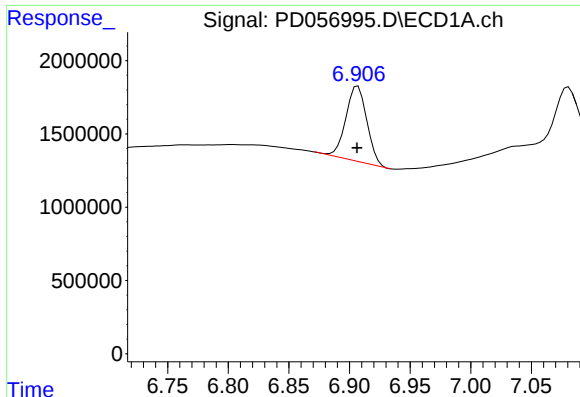
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.001 min
Response: 2396768
Conc: 6.11 ng/ml



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 4706403
Conc: 5.33 ng/ml



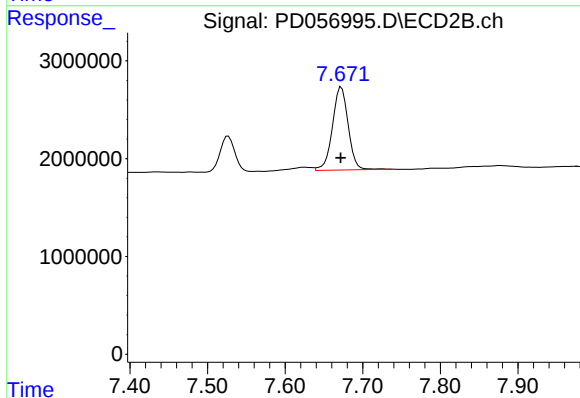
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 6034390
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
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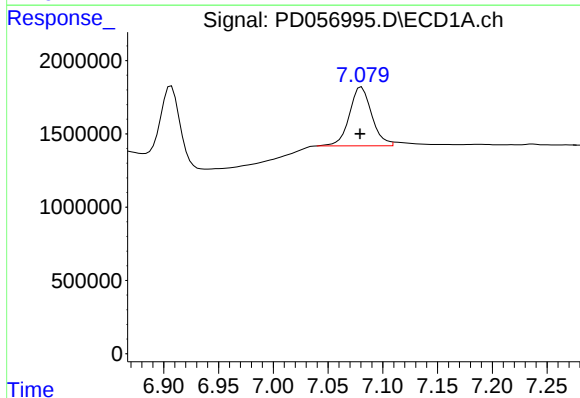
Manual Integrations
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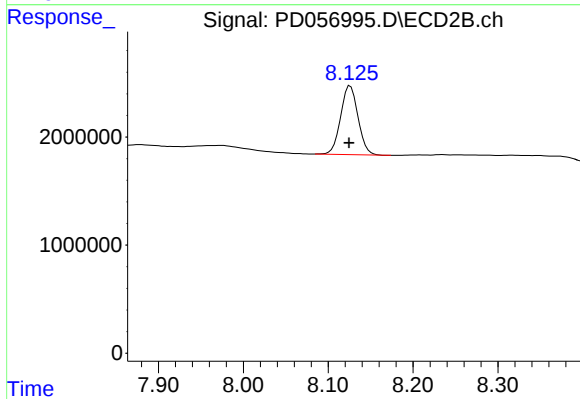
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.001 min
Response: 11975439
Conc: 5.83 ng/ml



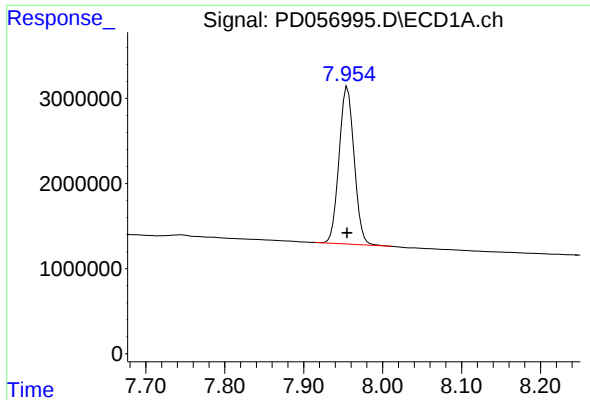
#22 Mirex

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 5705306
Conc: 6.79 ng/ml m



#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 9061173
Conc: 6.19 ng/ml



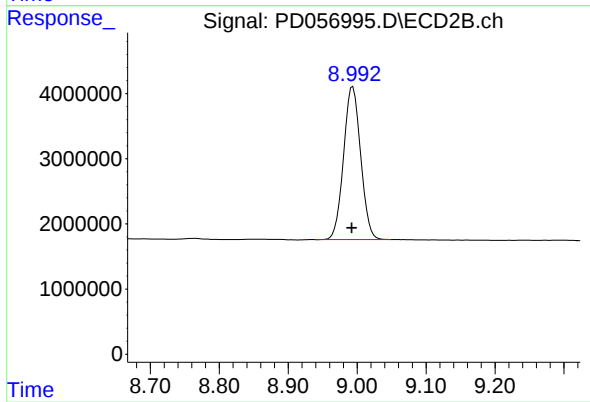
#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 24509656
Conc: 25.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:50 PM



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.002 min
Response: 40426068
Conc: 24.25 ng/ml