

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 09:49
 Operator : AJ\MA
 Sample : L1161-01
 Misc : LOD 2.5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:08:33 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...	3.285	3.959	17885010	35127369	21.657	21.467
28)	SA Decachlor...	7.955	8.994	20843971	34593824	21.507	20.755
Target Compounds							
2)	A alpha-BHC	3.712	4.346	2922091	5559560	2.237	2.197
3)	MA gamma-BHC...	3.985	4.628	4478506	5342940	3.358m	2.187 #
4)	MA Heptachlor	4.271	5.134	2695714	5847179	2.311	2.444
5)	MB Aldrin	4.510	5.438	2870718	5563477	2.470	2.454
6)	B beta-BHC	4.235	4.797	1262441	2677520	2.444m	2.545m
7)	B delta-BHC	4.431	5.012	2638661	3488546	2.118	1.560m#
8)	B Heptachlo...	4.946	5.821	2810817	5392021	2.618	2.483
9)	A Endosulfan I	5.277	6.175	2619962	5155567	2.666	2.541m
10)	B gamma-Chl...	5.168	6.053	2891982	5563961	2.663	2.499m
11)	B alpha-Chl...	5.225	6.126	2828925	5670240	2.613	2.547m
12)	B 4,4'-DDE	5.394	6.284	2511469	4738233	2.659	2.372
13)	MA Dieldrin	5.517	6.432	2659002	5178931	2.496	2.418
14)	MA Endrin	5.770	6.649	2288368	4165290	2.574	2.420
15)	B Endosulfa...	6.042	6.858	2309023	4953569	2.381m	2.596
16)	A 4,4'-DDD	5.903	6.772	1934644	3936969	2.307m	2.340
17)	MA 4,4'-DDT	6.138	7.070	1028906	2974626	1.429m	1.932 #
18)	B Endrin al...	6.210	6.981	2806629	4115490	3.319m	2.495
19)	B Endosulfa...	6.422	7.204	2262247	4548791	2.469	2.484
20)	A Methoxychlor	6.688	7.527	1039324	1965585	2.649	2.228
21)	B Endrin ke...	6.905	7.672	2436487	5024589	2.217	2.445
22)	Mirex	7.079	8.124	2847065	4180572	3.388m	2.854m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 09:49
Operator : AJ\MA
Sample : L1161-01
Misc : LOD 2.5 PPB
ALS Vial : 8 Sample Multiplier: 1

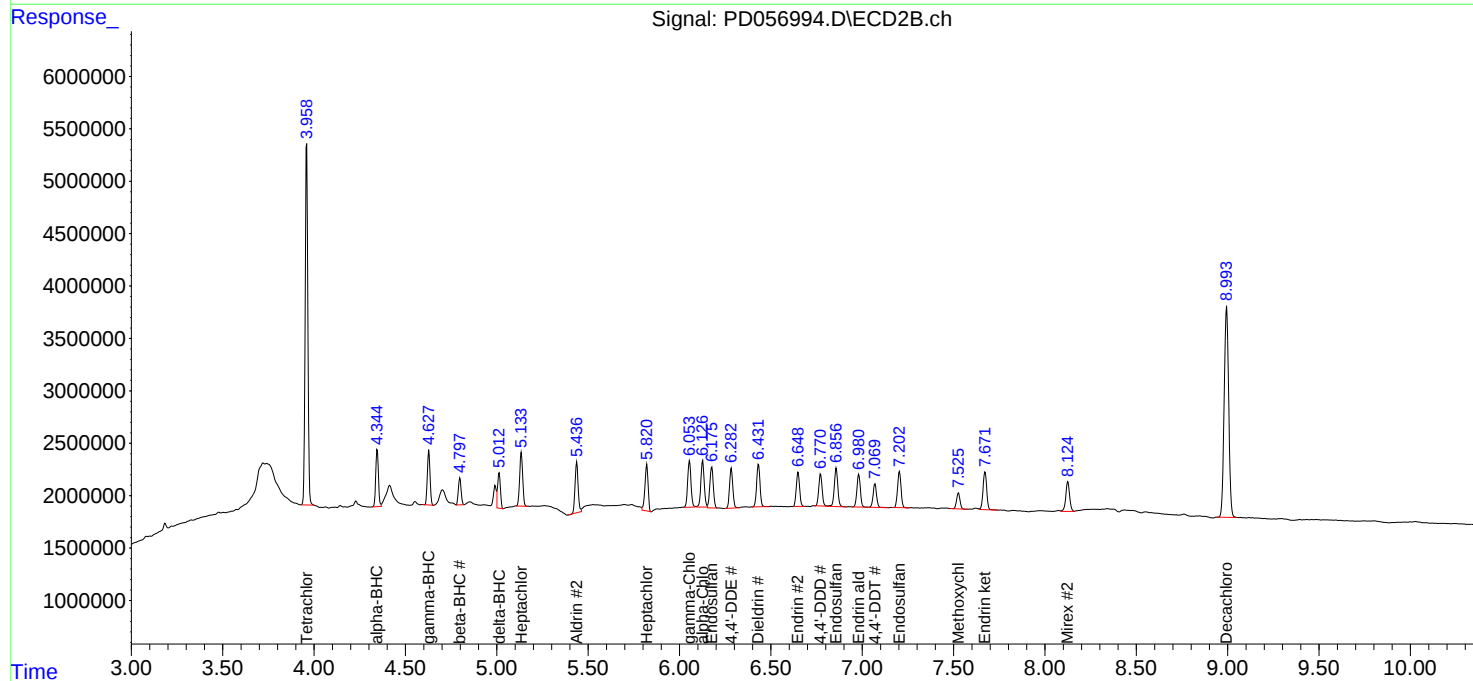
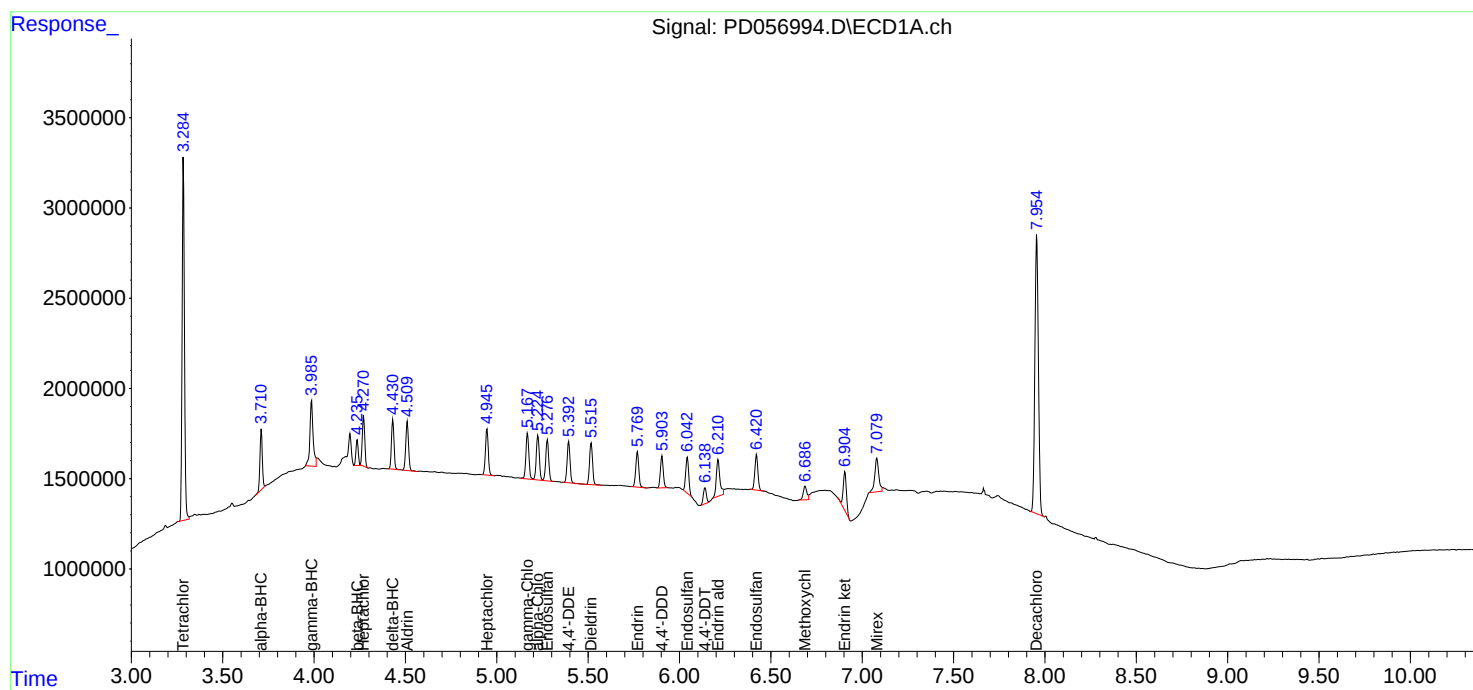
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

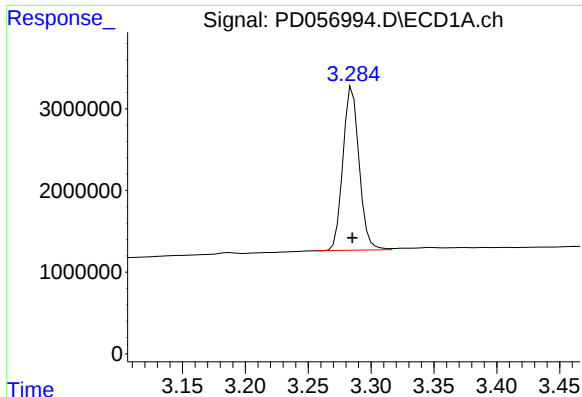
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:08:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response 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





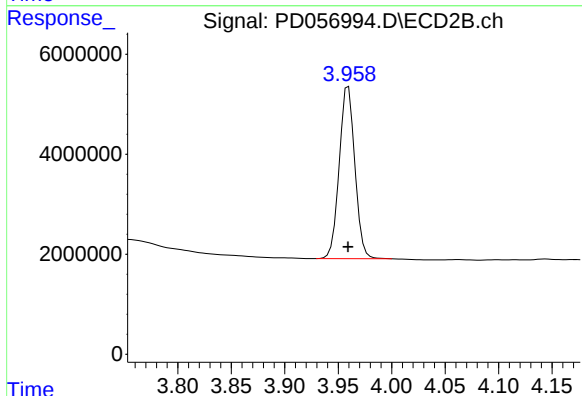
#1 Tetrachloro-m-xylene

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 17885010
Conc: 21.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

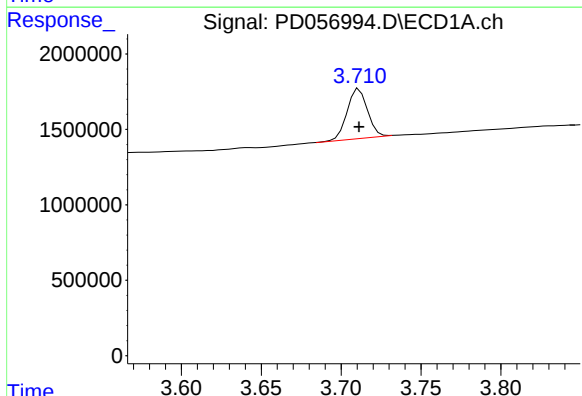
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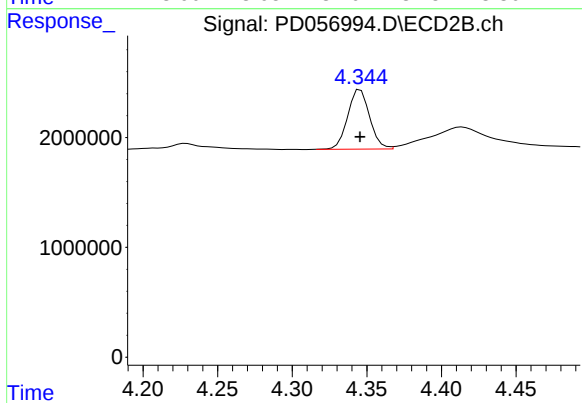
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 35127369
Conc: 21.47 ng/ml



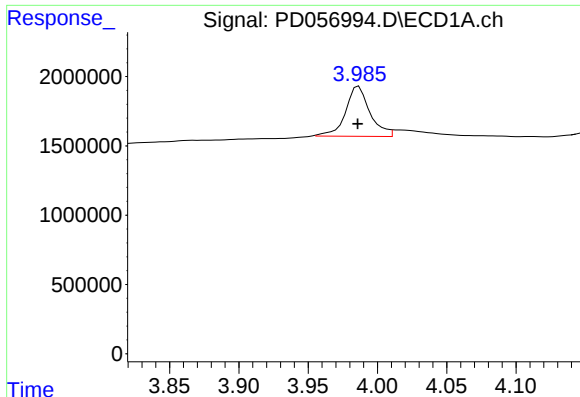
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 2922091
Conc: 2.24 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 5559560
Conc: 2.20 ng/ml



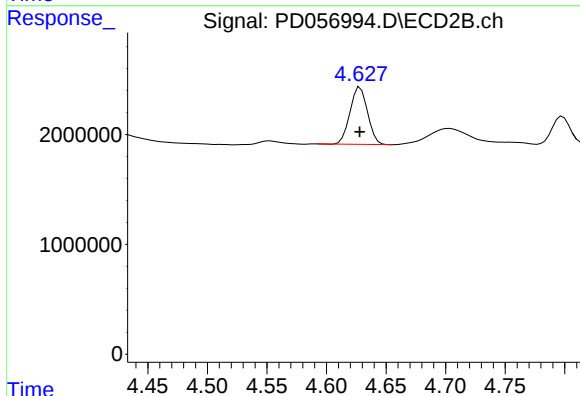
#3 gamma-BHC (Lindane)

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 4478506
Conc: 3.36 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

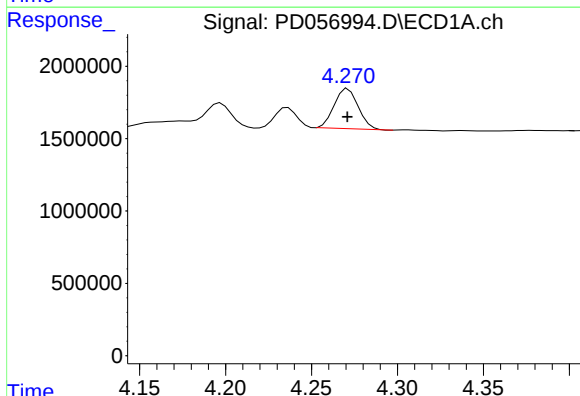
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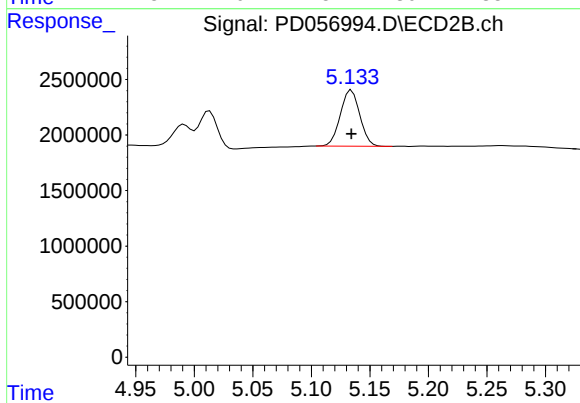
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 5342940
Conc: 2.19 ng/ml



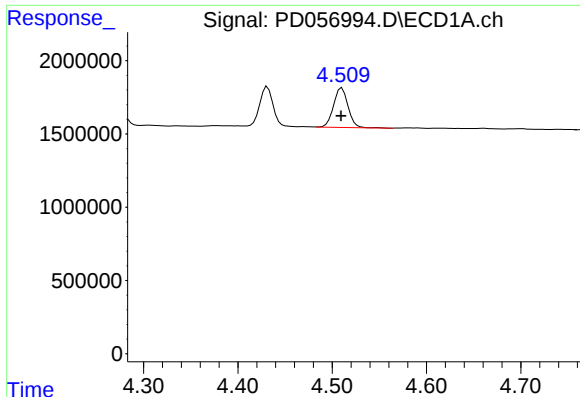
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2695714
Conc: 2.31 ng/ml



#4 Heptachlor

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 5847179
Conc: 2.44 ng/ml



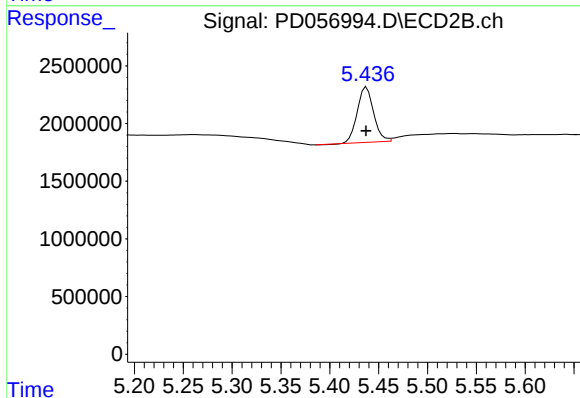
#5 Aldrin

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 2870718
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

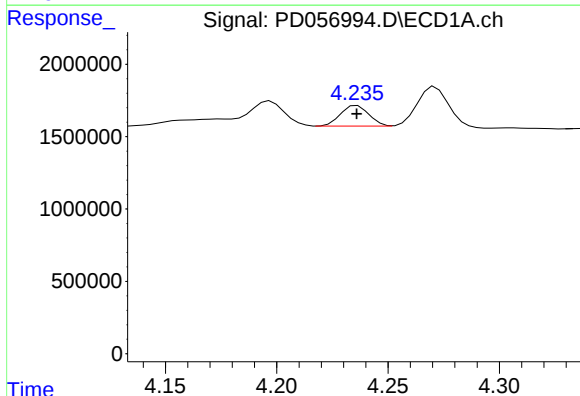
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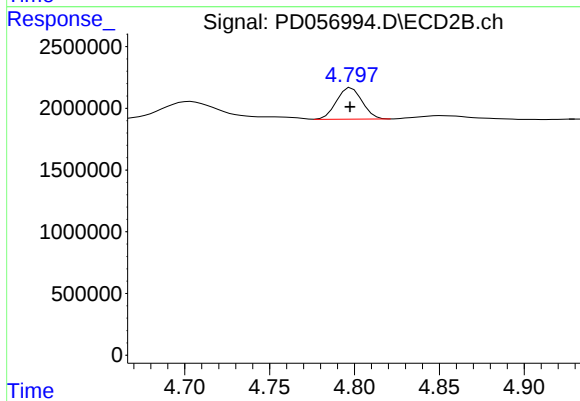
#5 Aldrin

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 5563477
Conc: 2.45 ng/ml



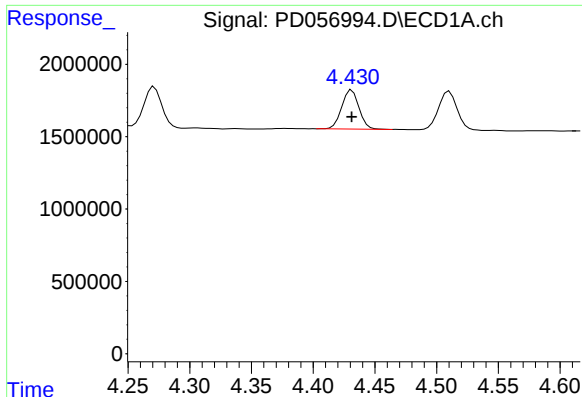
#6 beta-BHC

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 1262441
Conc: 2.44 ng/ml m



#6 beta-BHC

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 2677520
Conc: 2.54 ng/ml m



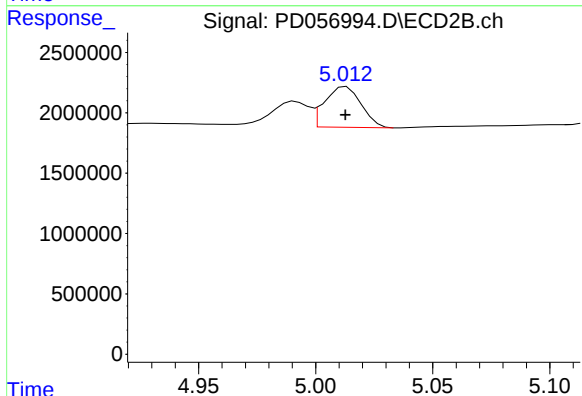
#7 delta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 2638661
Conc: 2.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

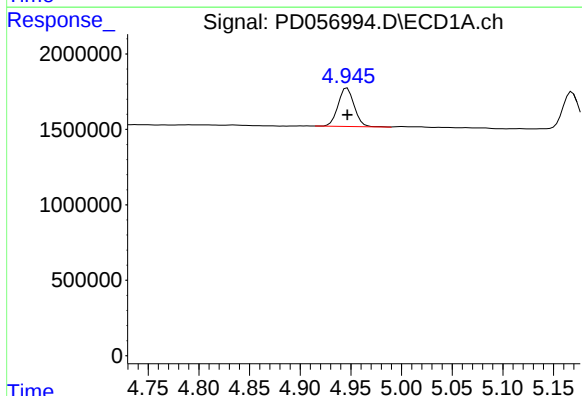
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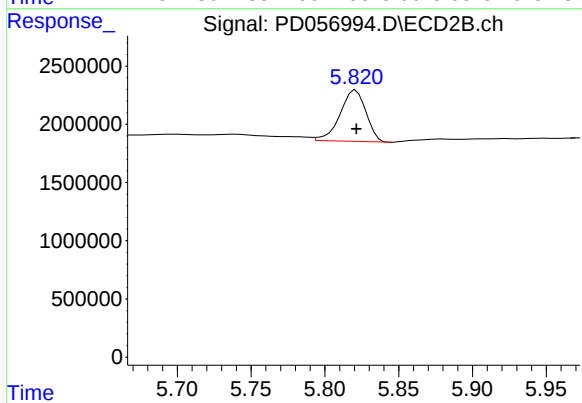
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 3488546
Conc: 1.56 ng/ml m



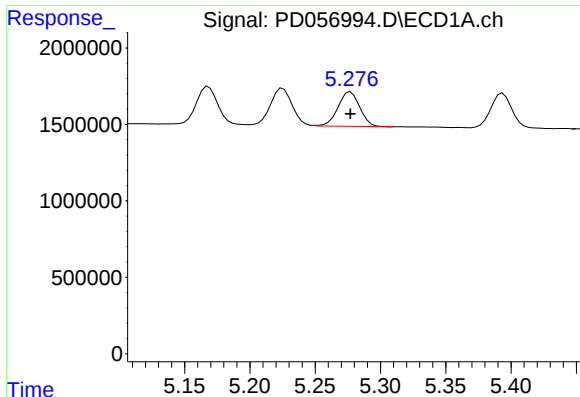
#8 Heptachlor epoxide

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 2810817
Conc: 2.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 5392021
Conc: 2.48 ng/ml



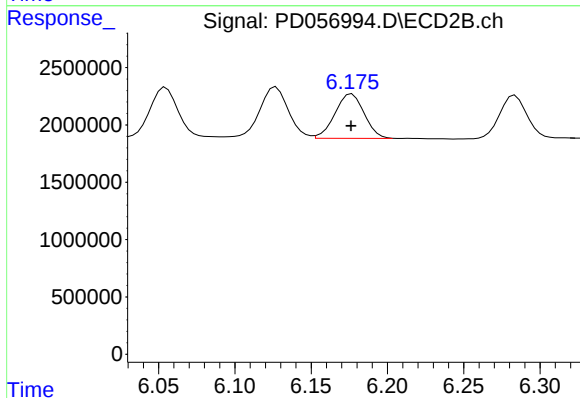
#9 Endosulfan I

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 2619962
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

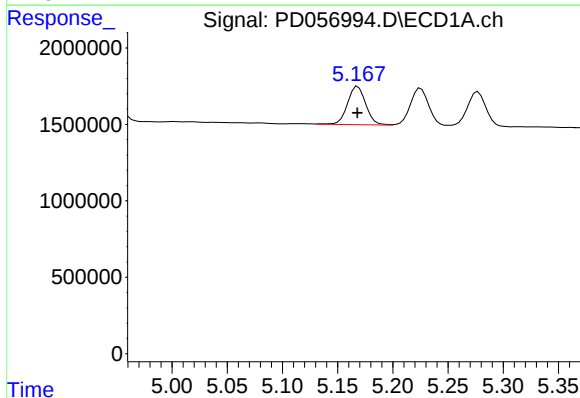
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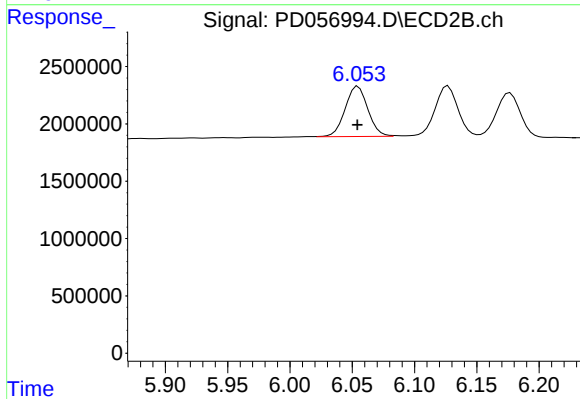
#9 Endosulfan I

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 5155567
Conc: 2.54 ng/ml m



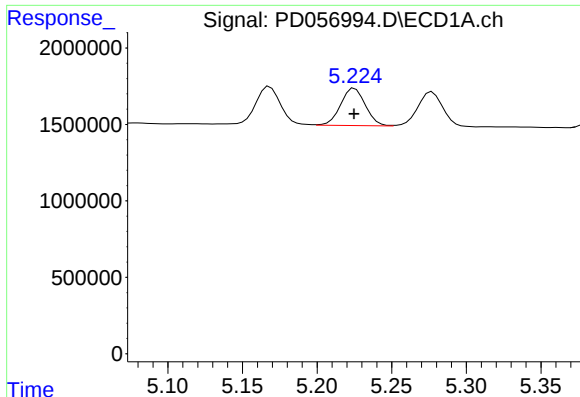
#10 gamma-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 2891982
Conc: 2.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 5563961
Conc: 2.50 ng/ml m



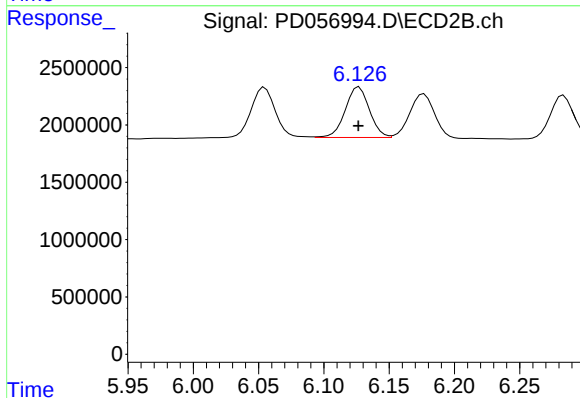
#11 alpha-Chlordane

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 2828925
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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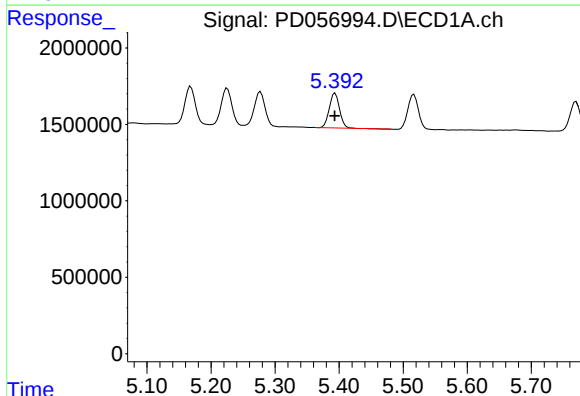
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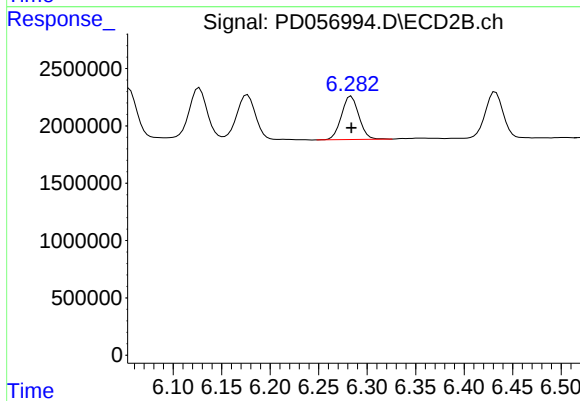
#11 alpha-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 5670240
Conc: 2.55 ng/ml m



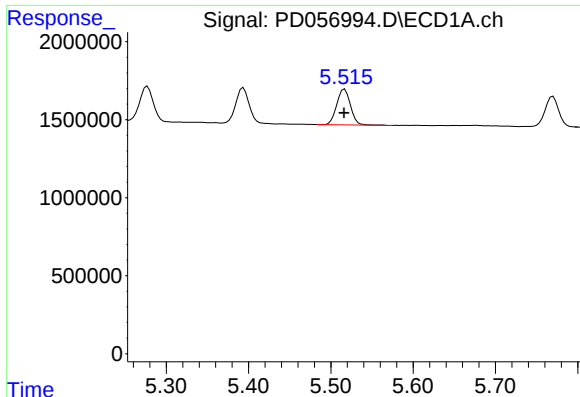
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 2511469
Conc: 2.66 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 4738233
Conc: 2.37 ng/ml



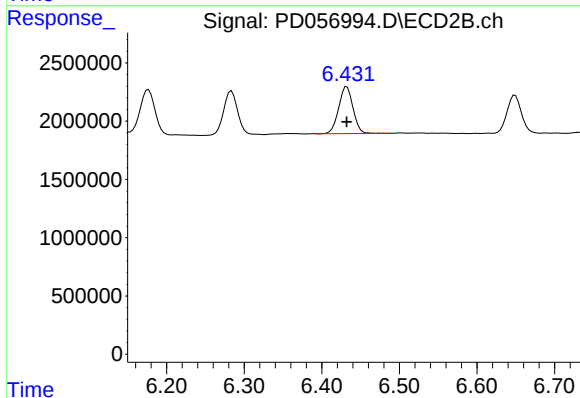
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 2659002
Conc: 2.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

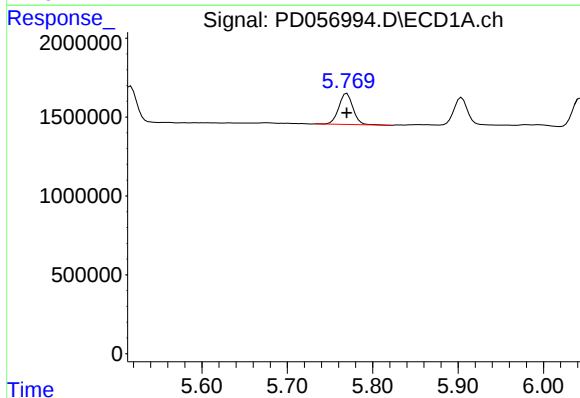
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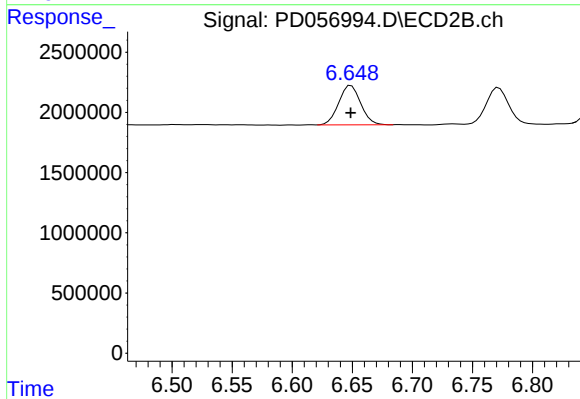
#13 Dieldrin

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 5178931
Conc: 2.42 ng/ml



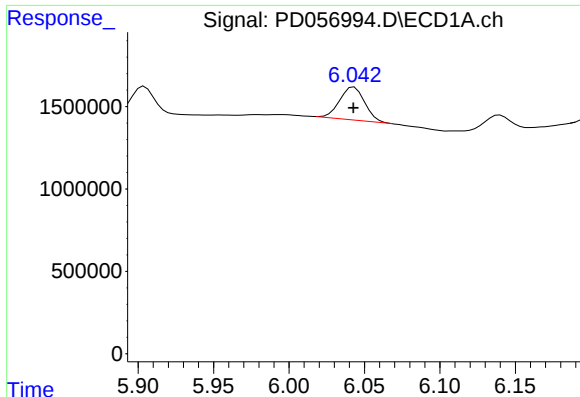
#14 Endrin

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 2288368
Conc: 2.57 ng/ml



#14 Endrin

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 4165290
Conc: 2.42 ng/ml



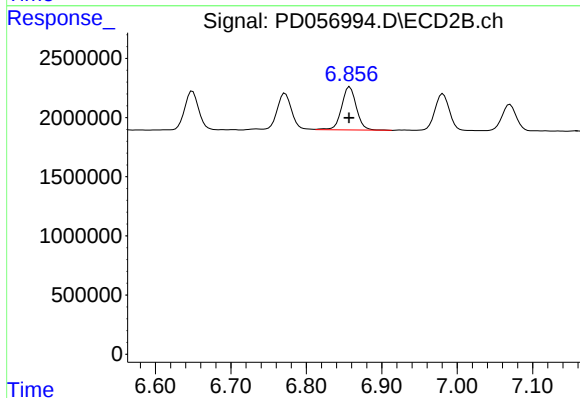
#15 Endosulfan II

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 2309023
Conc: 2.38 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

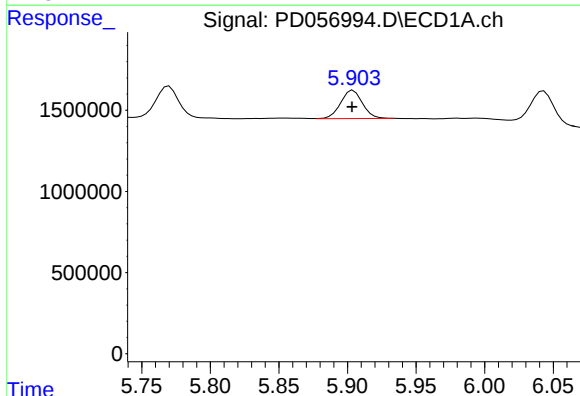
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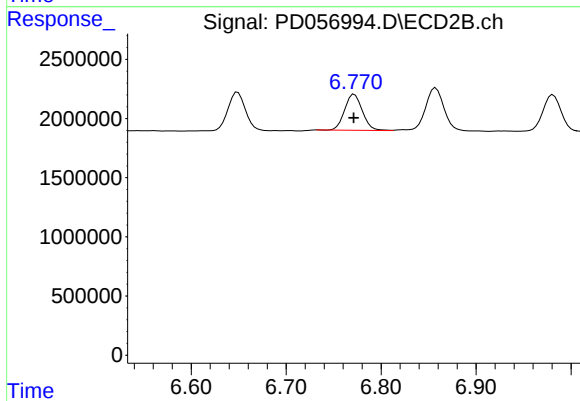
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 4953569
Conc: 2.60 ng/ml



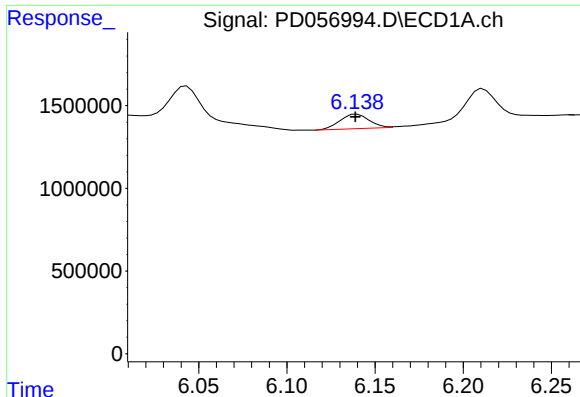
#16 4,4'-DDD

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 1934644
Conc: 2.31 ng/ml m



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 3936969
Conc: 2.34 ng/ml



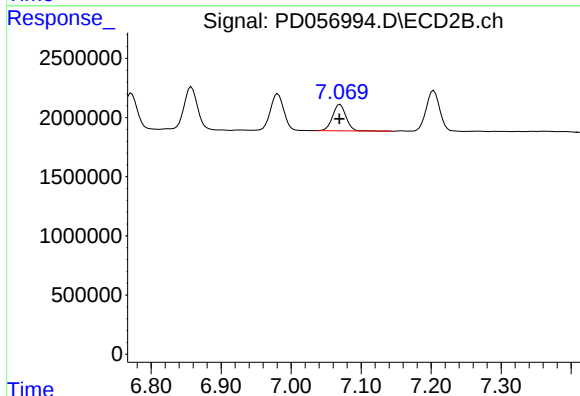
#17 4,4'-DDT

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 1028906
Conc: 1.43 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

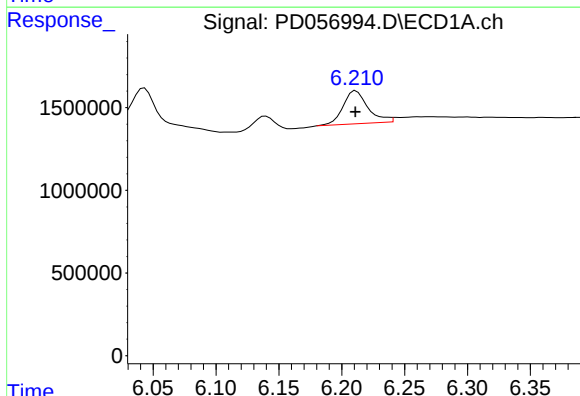
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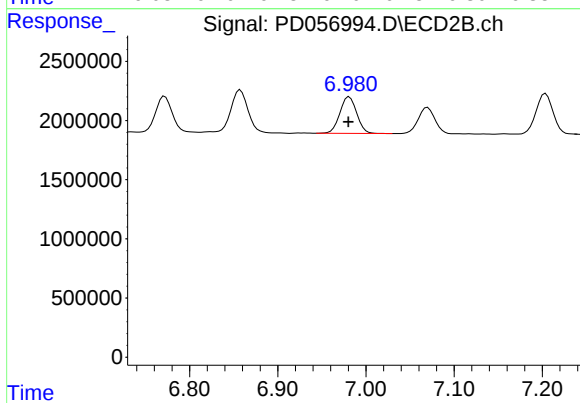
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.001 min
Response: 2974626
Conc: 1.93 ng/ml



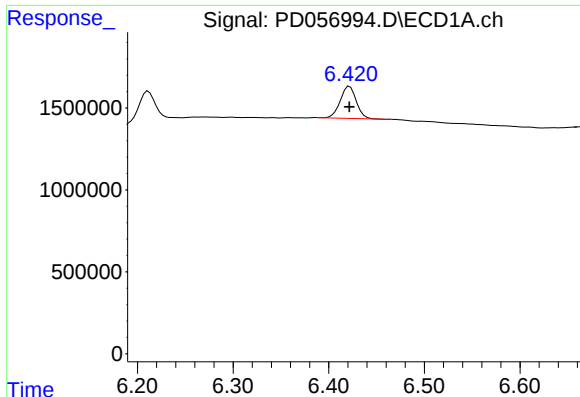
#18 Endrin aldehyde

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 2806629
Conc: 3.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 4115490
Conc: 2.49 ng/ml



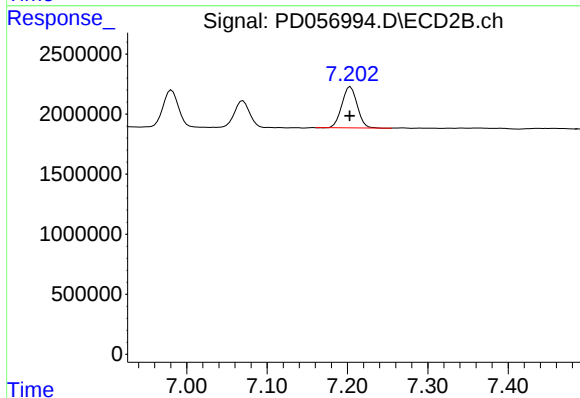
#19 Endosulfan Sulfate

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 2262247
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

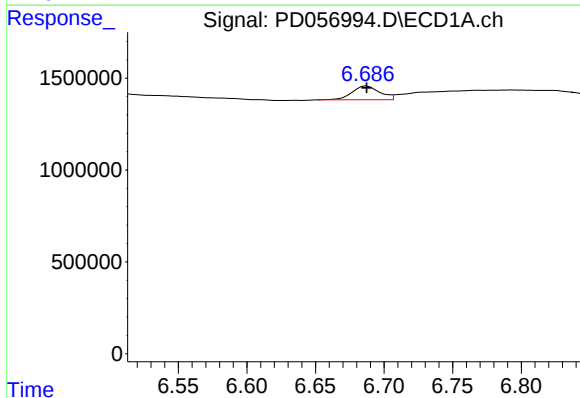
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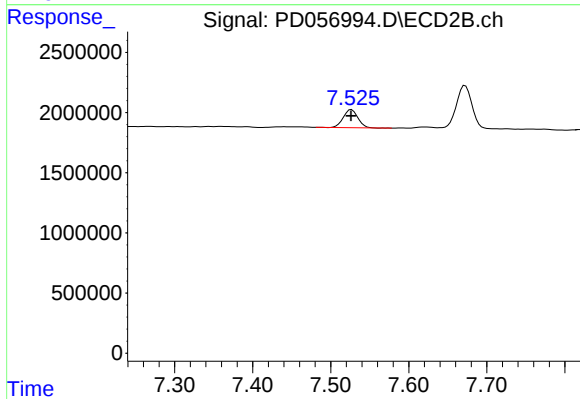
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 4548791
Conc: 2.48 ng/ml



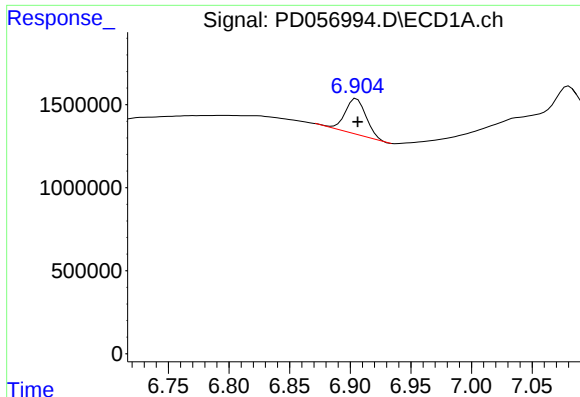
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 1039324
Conc: 2.65 ng/ml



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 1965585
Conc: 2.23 ng/ml



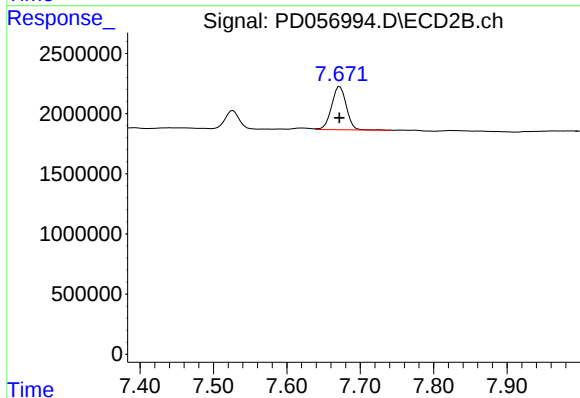
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 2436487
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

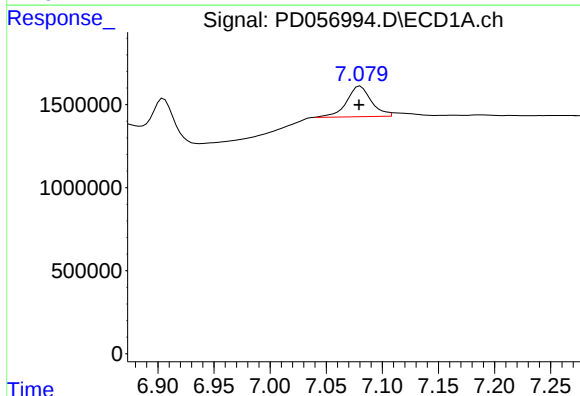
Manual Integrations
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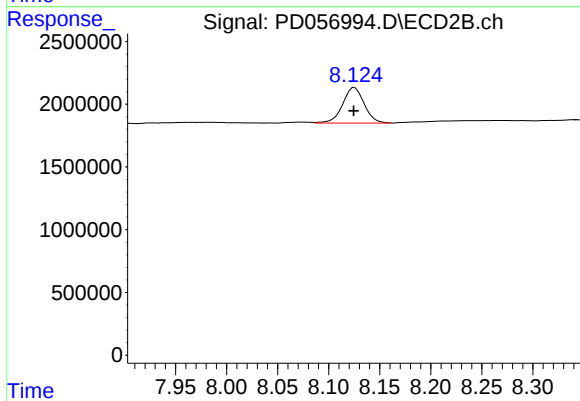
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 5024589
Conc: 2.44 ng/ml



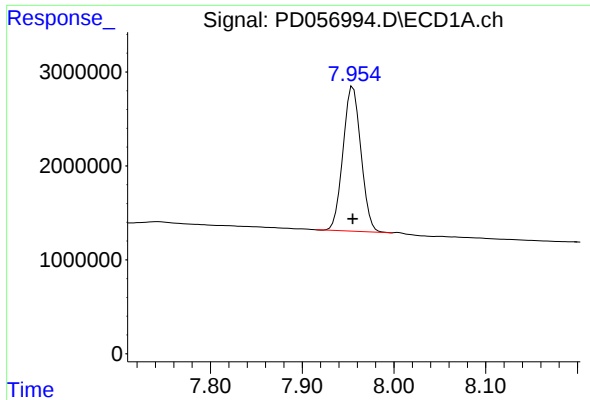
#22 Mirex

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 2847065
Conc: 3.39 ng/ml m



#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 4180572
Conc: 2.85 ng/ml m



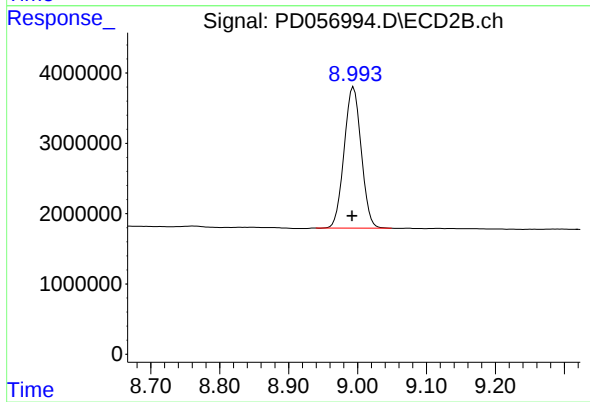
#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 20843971
Conc: 21.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:47 PM



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.002 min
Response: 34593824
Conc: 20.76 ng/ml