

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012120\
 Data File : PD057024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 02:03
 Operator : AJ\MA
 Sample : L1161-03
 Misc : MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:39:21 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	3.960	18145816	36569179	21.972	22.348
28) SA Decachlor...	7.955	8.995	21607723	36897014	22.295	22.137
Target Compounds						
2) A alpha-BHC	3.712	4.345	1400089	2263051	1.072	0.894
3) MA gamma-BHC...	3.985	4.628	1653444	2098013	1.240m	0.859 #
4) MA Heptachlor	4.271	5.134	1068183	2588195	0.916	1.082
5) MB Aldrin	4.510	5.436	1121666	2113363	0.965	0.932m
6) B beta-BHC	4.235	4.797	477426	1025693	0.924m	0.975m
7) B delta-BHC	4.431	5.011	983538	1020850	0.790	0.456m#
8) B Heptachlo...	4.946	5.821	1052209	2311293	0.980	1.064
9) A Endosulfan I	5.277	6.177	957125	2453327	0.974	1.209
10) B gamma-Chl...	5.168	6.053	1073151	2387247	0.988	1.072m
11) B alpha-Chl...	5.225	6.126	1056934	2348827	0.976	1.055m
12) B 4,4'-DDE	5.393	6.284	954271	1906310	1.010	0.954
13) MA Dieldrin	5.517	6.433	947752	2222781	0.890	1.038
14) MA Endrin	5.770	6.650	934638	1893444	1.051	1.100
15) B Endosulfa...	6.041	6.858	900997	2363278	0.929m	1.239 #
16) A 4,4'-DDD	5.904	6.772	717184	1717037	0.855	1.021
17) MA 4,4'-DDT	6.138	7.069	323484	1195424	0.449m	0.776m#
18) B Endrin al...	6.210	6.982	1273797	1819132	1.506m	1.103 #
19) B Endosulfa...	6.422	7.204	1026205	2101790	1.120	1.148
20) A Methoxychlor	6.687	7.526	263154	911841	0.671m	1.033m#
21) B Endrin ke...	6.903	7.671	995551	2199812	0.906m	1.070m
22) Mirex	7.079	8.126	1701351	1916621	2.024m	1.309 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012120\
Data File : PD057024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 02:03
Operator : AJ\MA
Sample : L1161-03
Misc : MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

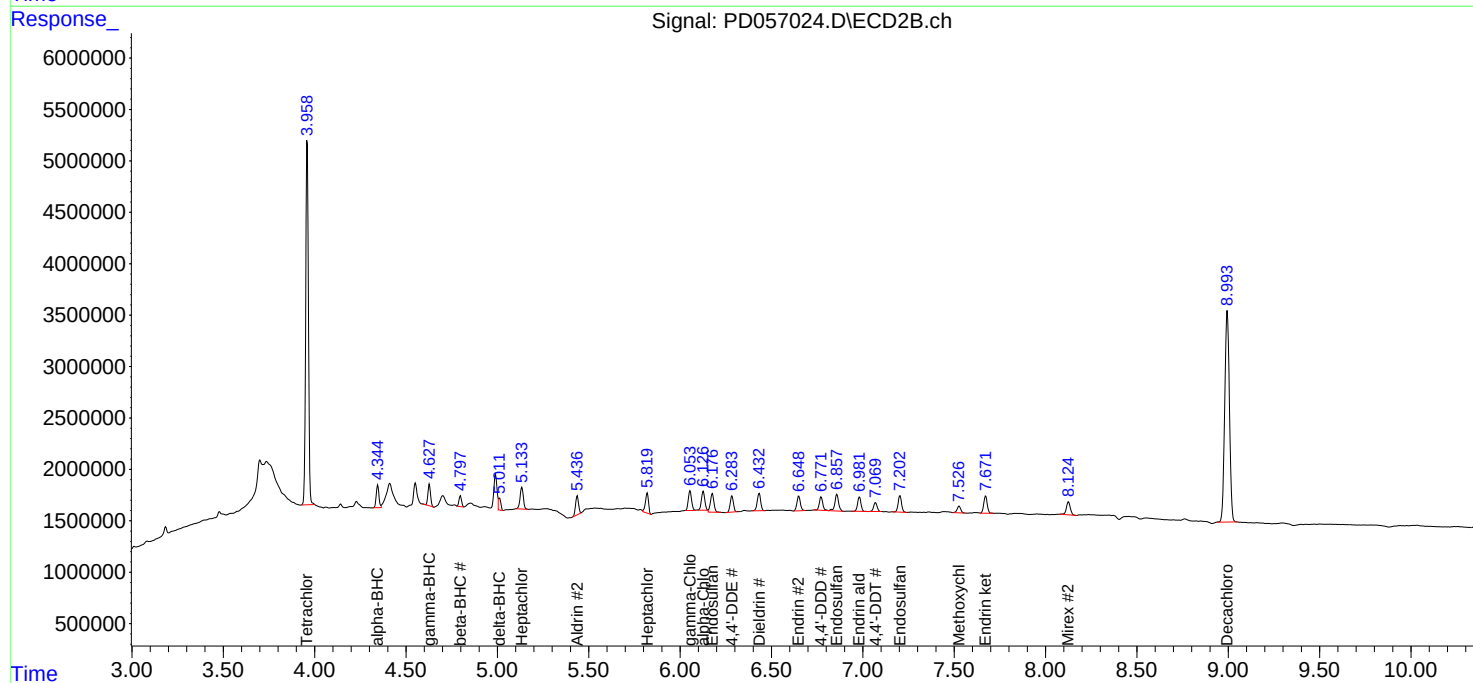
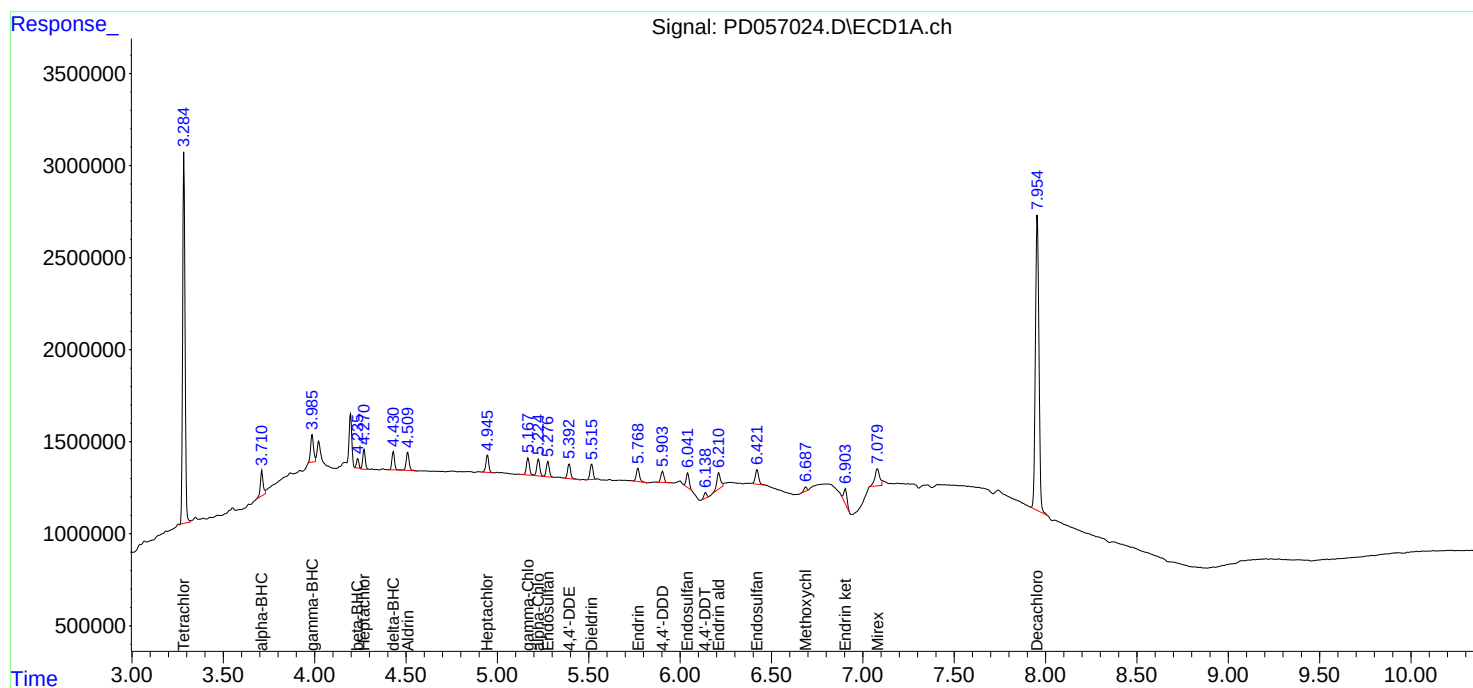
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

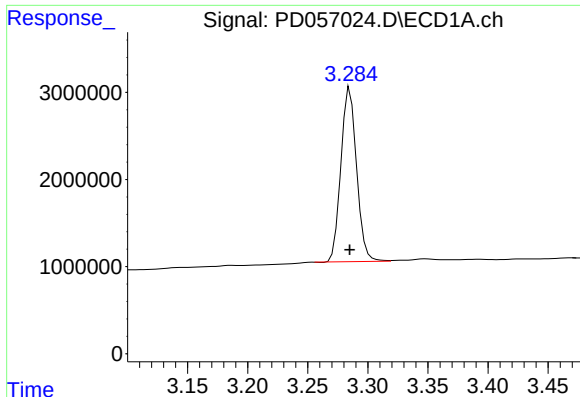
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 05:39:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response 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





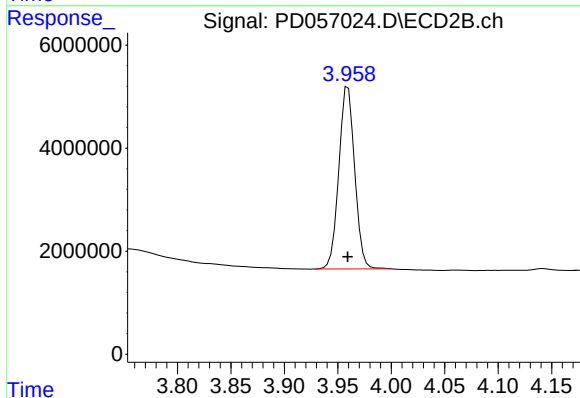
#1 Tetrachloro-m-xylene

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 18145816
Conc: 21.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

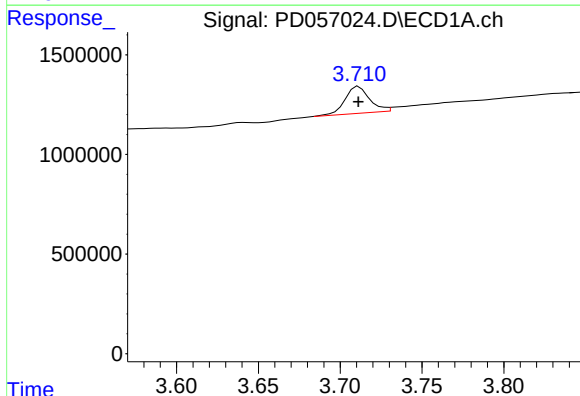
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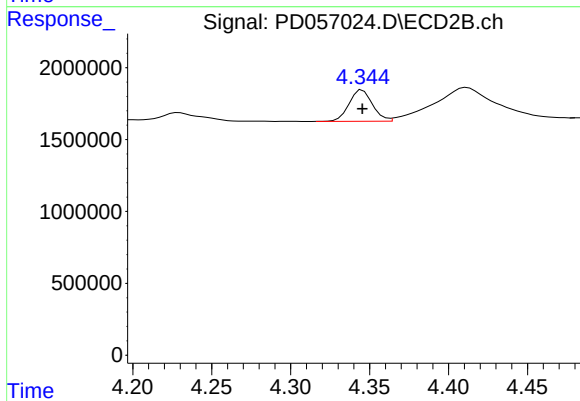
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 36569179
Conc: 22.35 ng/ml



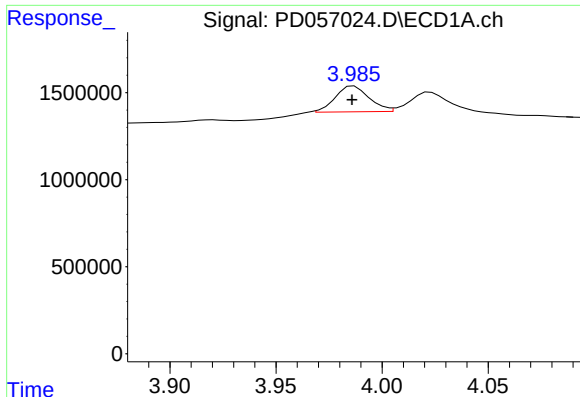
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 1400089
Conc: 1.07 ng/ml



#2 alpha-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 2263051
Conc: 0.89 ng/ml



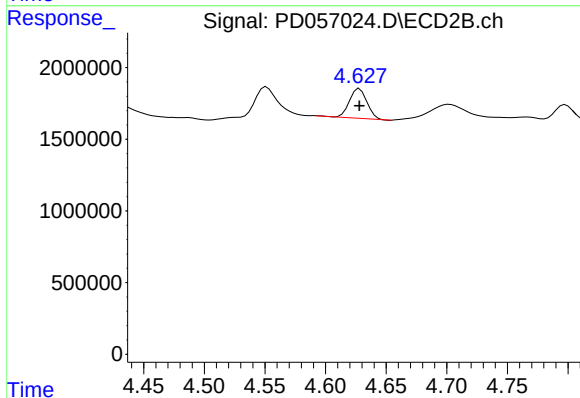
#3 gamma-BHC (Lindane)

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 1653444
Conc: 1.24 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

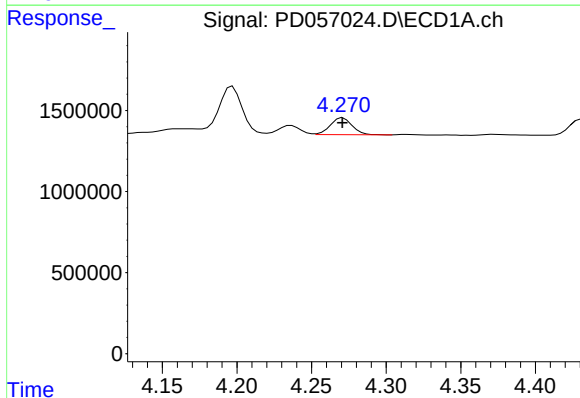
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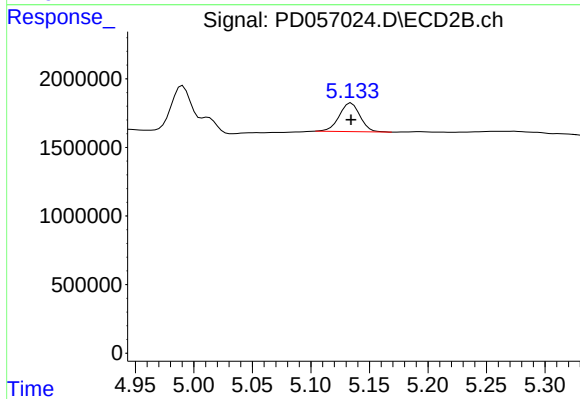
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 2098013
Conc: 0.86 ng/ml



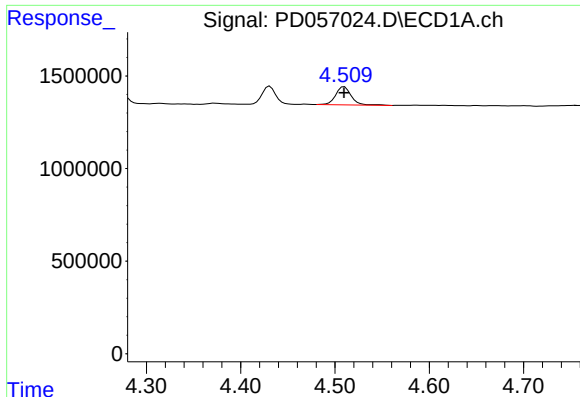
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1068183
Conc: 0.92 ng/ml



#4 Heptachlor

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 2588195
Conc: 1.08 ng/ml



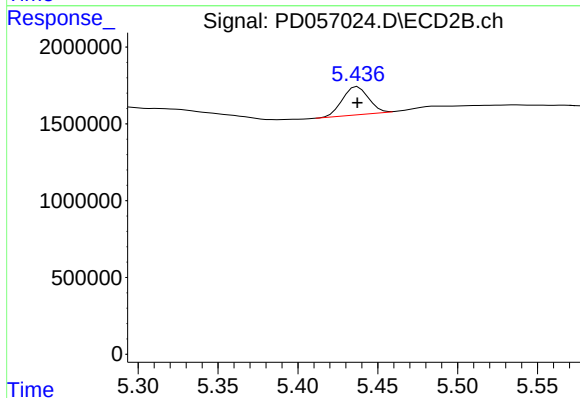
#5 Aldrin

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 1121666
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

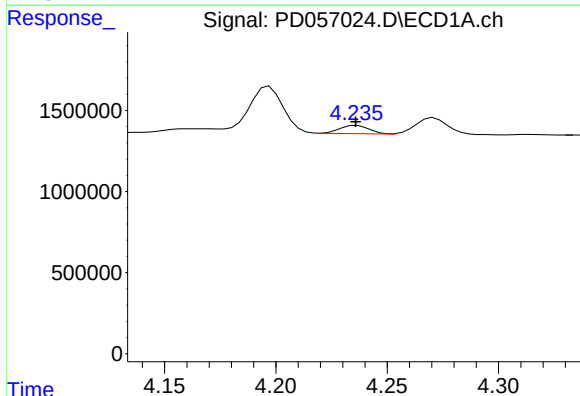
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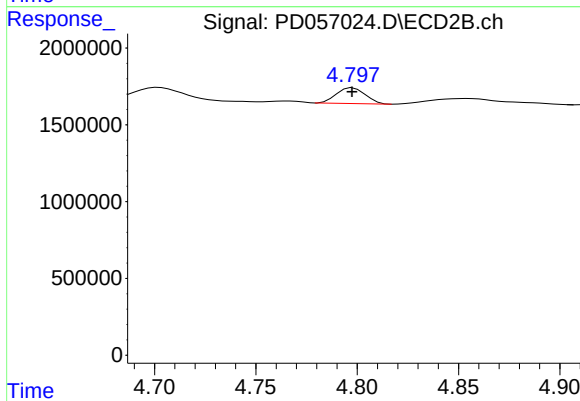
#5 Aldrin

R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 2113363
Conc: 0.93 ng/ml m



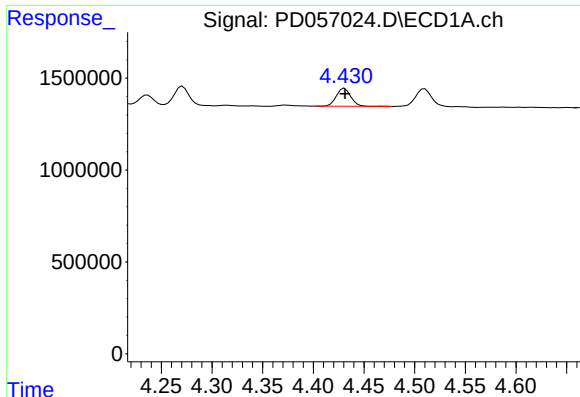
#6 beta-BHC

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 477426
Conc: 0.92 ng/ml m



#6 beta-BHC

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 1025693
Conc: 0.97 ng/ml m



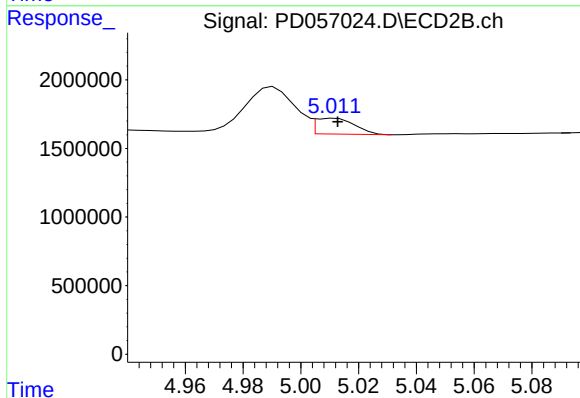
#7 delta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 983538
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

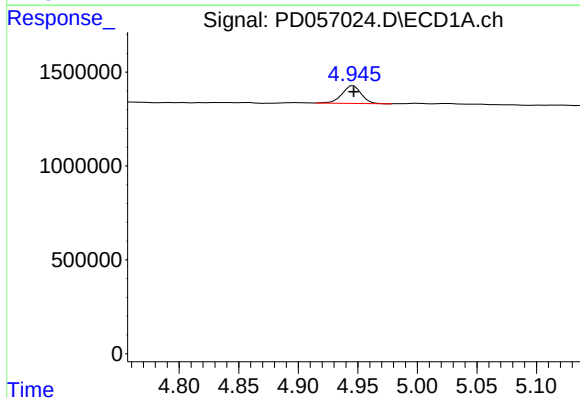
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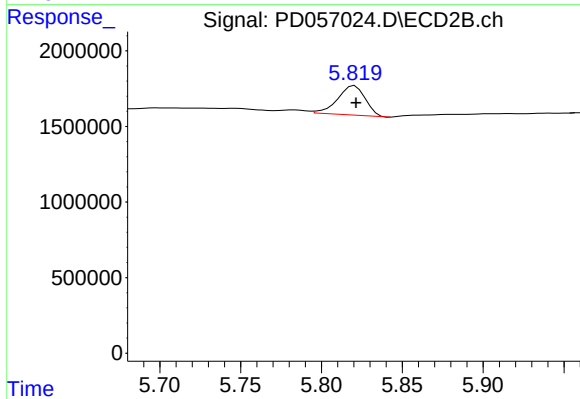
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 1020850
Conc: 0.46 ng/ml m



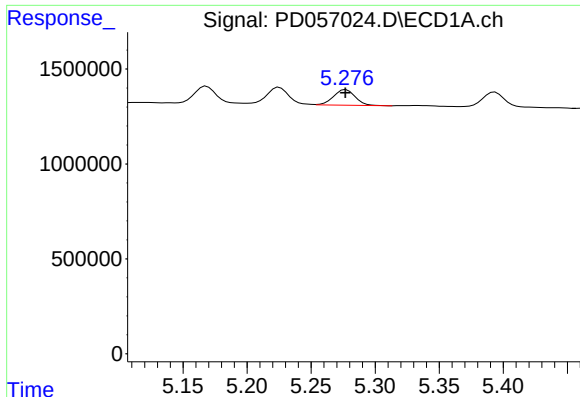
#8 Heptachlor epoxide

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 1052209
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 2311293
Conc: 1.06 ng/ml



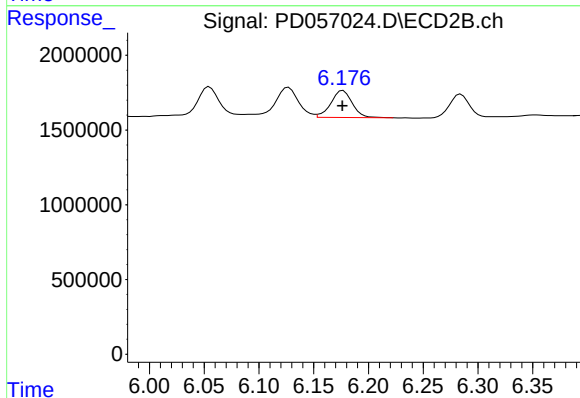
#9 Endosulfan I

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 957125
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

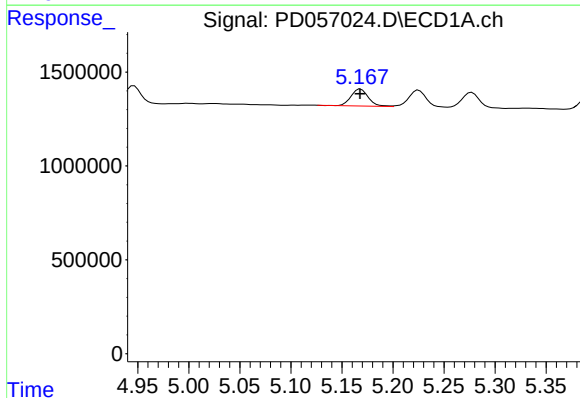
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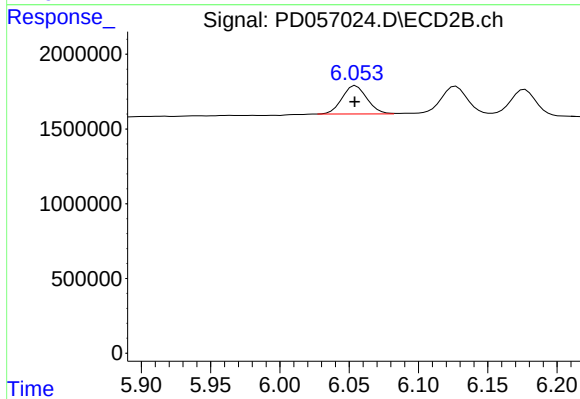
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2453327
Conc: 1.21 ng/ml



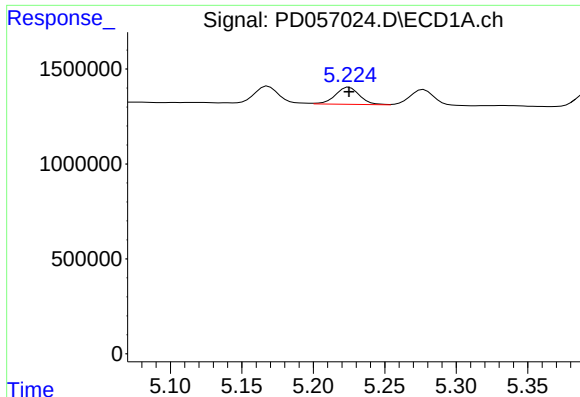
#10 gamma-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 1073151
Conc: 0.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 2387247
Conc: 1.07 ng/ml m



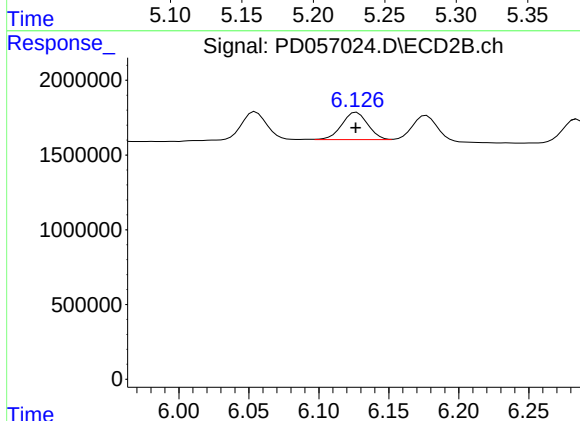
#11 alpha-Chlordane

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 1056934
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

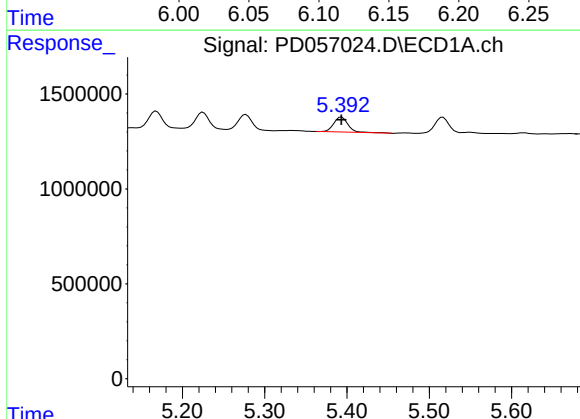
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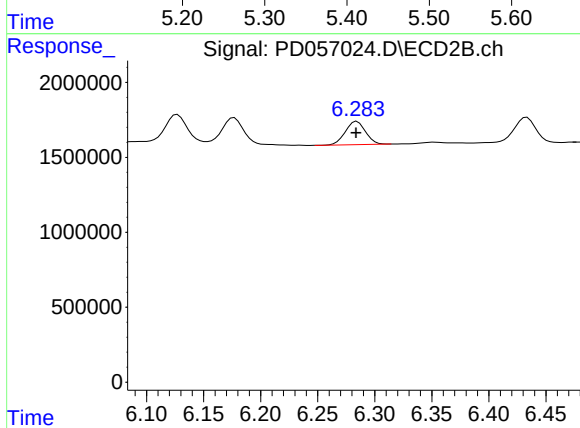
#11 alpha-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 2348827
Conc: 1.06 ng/ml m



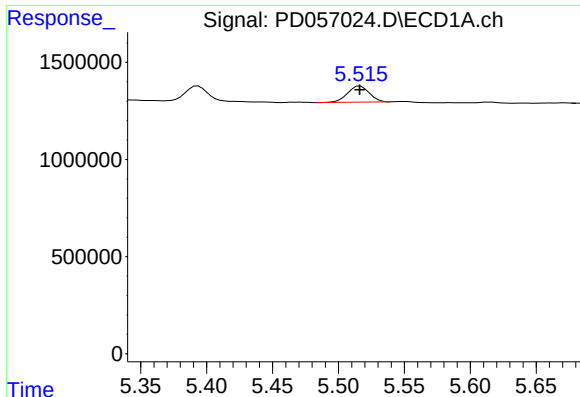
#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 954271
Conc: 1.01 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 1906310
Conc: 0.95 ng/ml



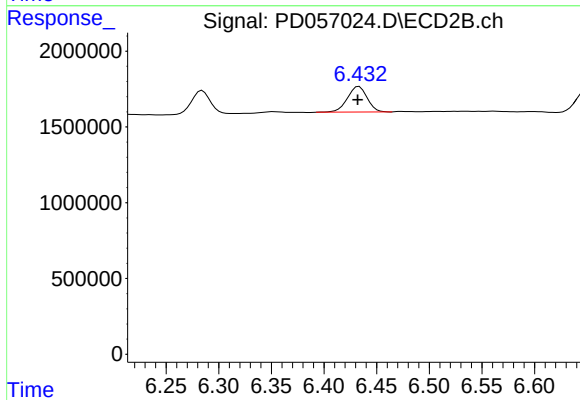
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 947752
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

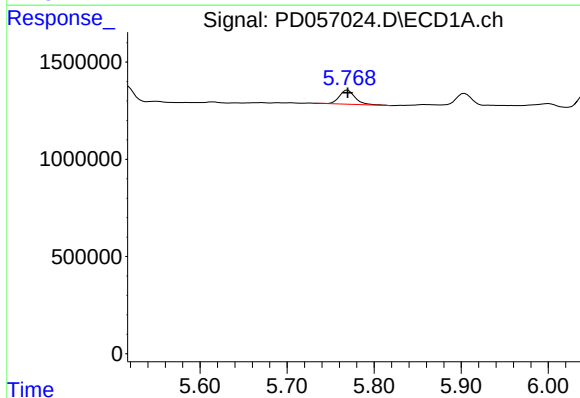
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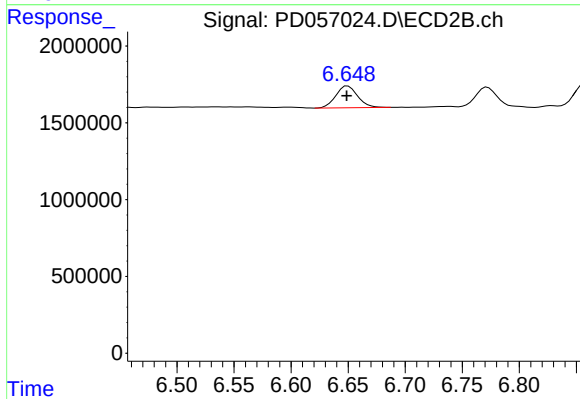
#13 Dieldrin

R.T.: 6.433 min
Delta R.T.: 0.001 min
Response: 2222781
Conc: 1.04 ng/ml



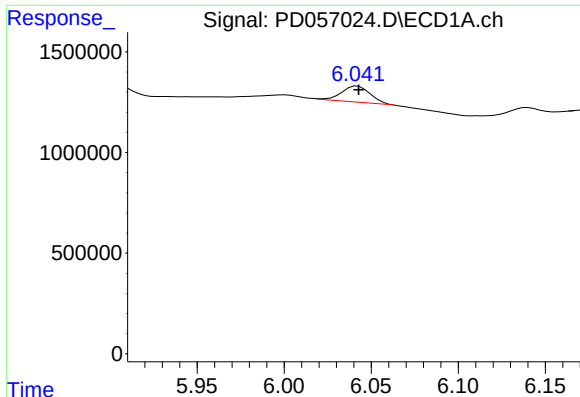
#14 Endrin

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 934638
Conc: 1.05 ng/ml



#14 Endrin

R.T.: 6.650 min
Delta R.T.: 0.001 min
Response: 1893444
Conc: 1.10 ng/ml



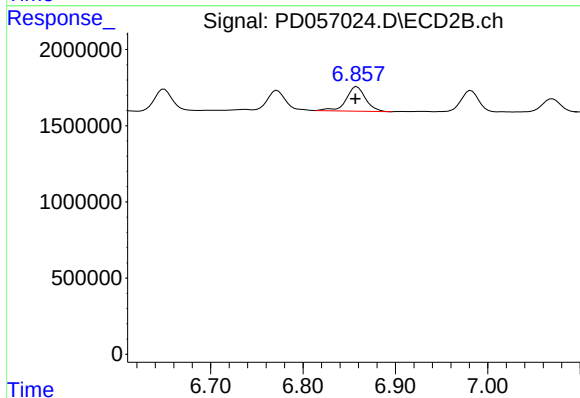
#15 Endosulfan II

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 900997
Conc: 0.93 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

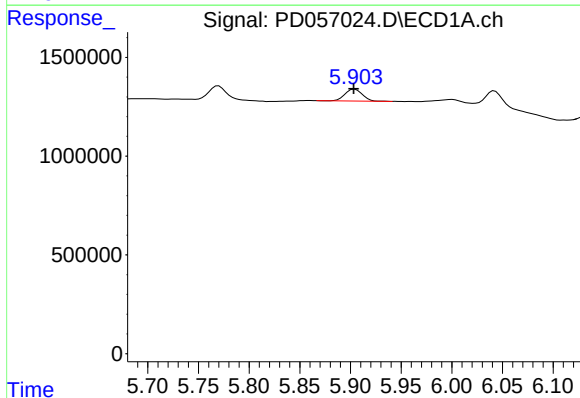
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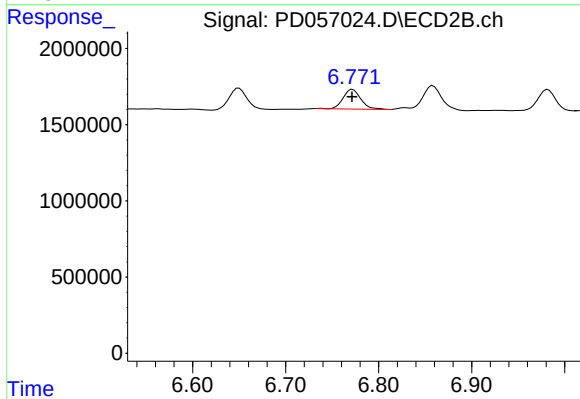
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2363278
Conc: 1.24 ng/ml



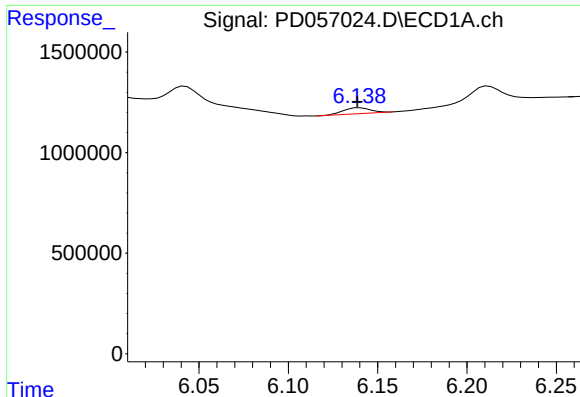
#16 4,4'-DDD

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 717184
Conc: 0.86 ng/ml



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 1717037
Conc: 1.02 ng/ml



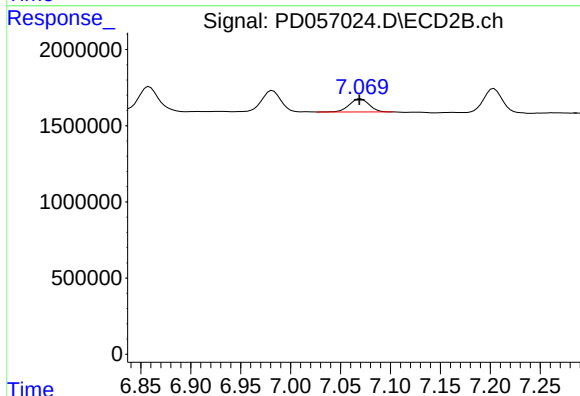
#17 4,4'-DDT

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 323484
Conc: 0.45 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

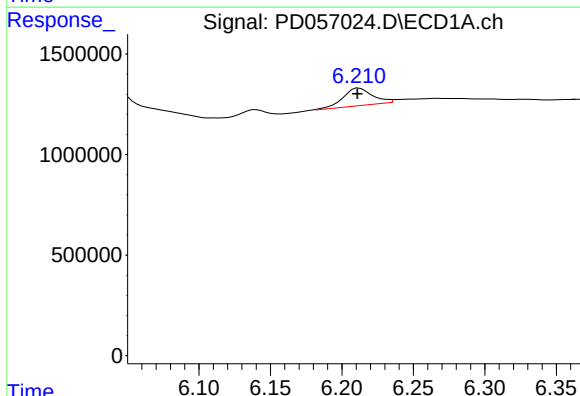
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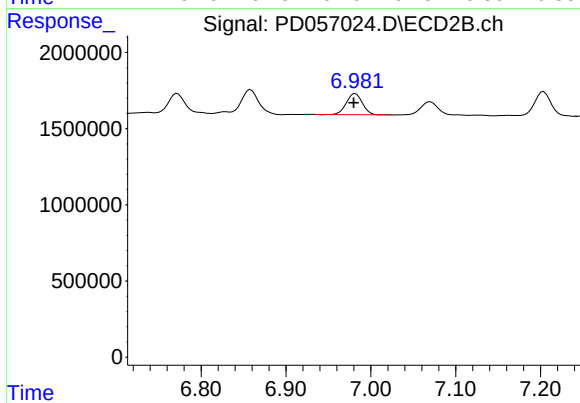
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 1195424
Conc: 0.78 ng/ml m



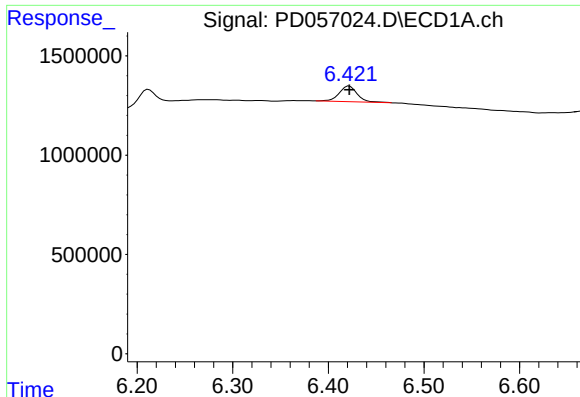
#18 Endrin aldehyde

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 1273797
Conc: 1.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 1819132
Conc: 1.10 ng/ml



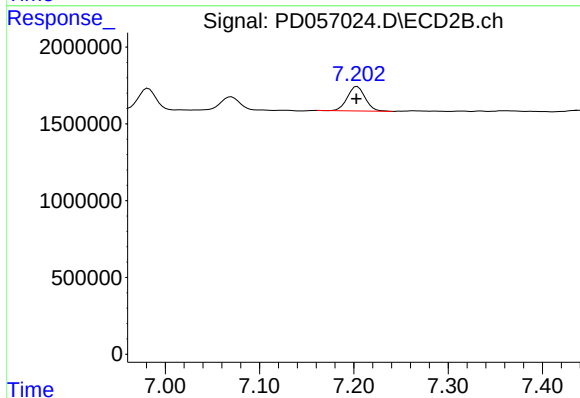
#19 Endosulfan Sulfate

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 1026205
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

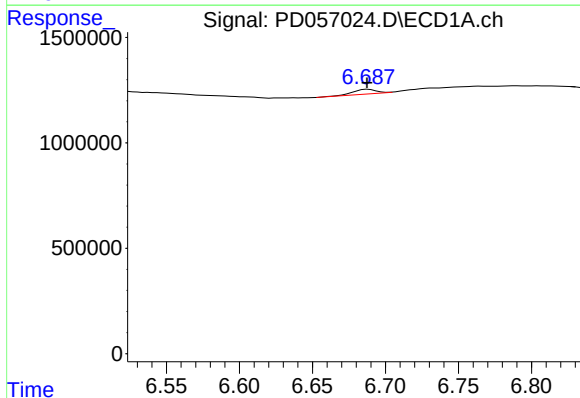
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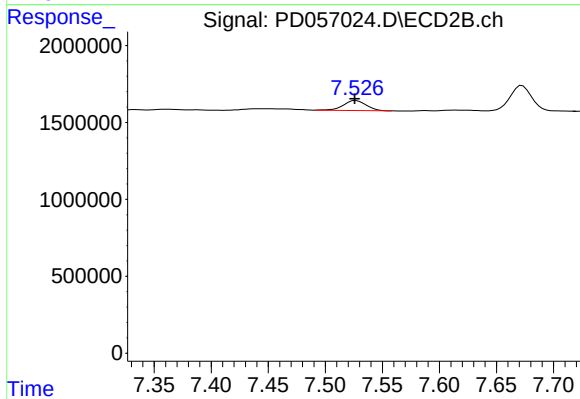
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 2101790
Conc: 1.15 ng/ml



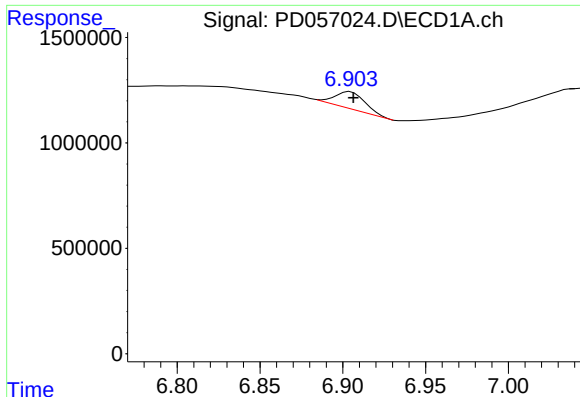
#20 Methoxychlor

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 263154
Conc: 0.67 ng/ml m



#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 911841
Conc: 1.03 ng/ml m



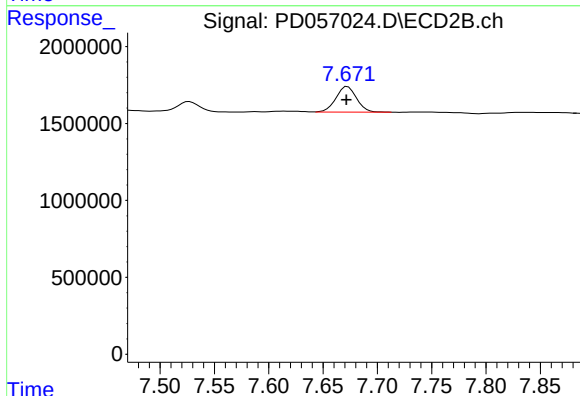
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 995551
Conc: 0.91 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

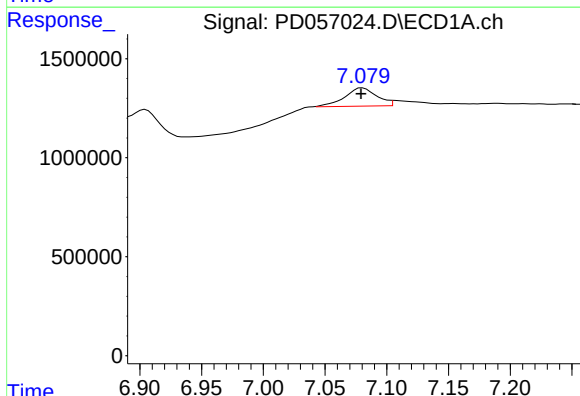
Manual Integrations
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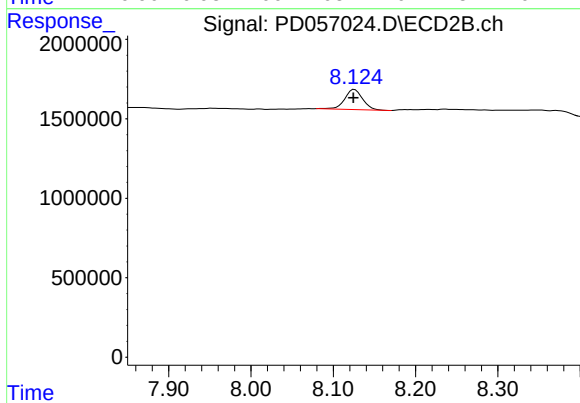
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 2199812
Conc: 1.07 ng/ml m



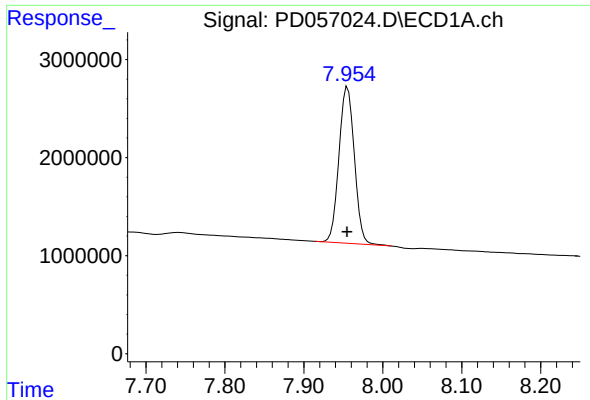
#22 Mirex

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 1701351
Conc: 2.02 ng/ml m



#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 1916621
Conc: 1.31 ng/ml



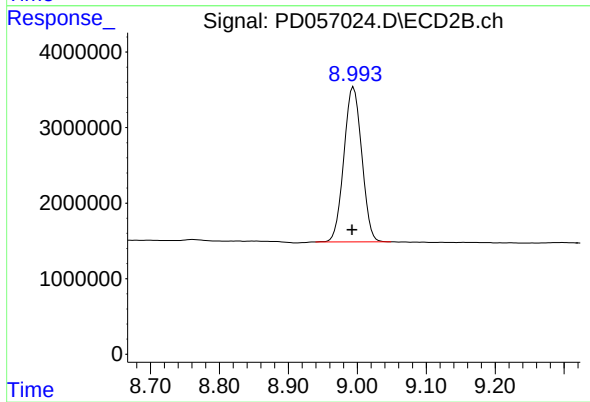
#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 21607723
Conc: 22.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:59:21 PM



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.002 min
Response: 36897014
Conc: 22.14 ng/ml