

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 14:04
 Operator : AJ\MA
 Sample : L2182-01
 Misc : 1 PPB LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:41:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
 Quant Title : GC Extractables
 QLast Update : Thu May 21 13:46:14 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...	3.210	3.867	16364710	22743036	20.939	19.969
28)	SA Decachlor...	7.850	8.851	16611808	20240700	20.776	19.524
Target Compounds							
2)	A alpha-BHC	3.632	4.248	1050761	1637323	0.867	0.962
3)	MA gamma-BHC...	3.901	4.528	1417102	1532763	1.208m	0.926
4)	MA Heptachlor	4.183	5.026	1007556	1440455	0.941	0.925m
5)	MB Aldrin	4.416	5.326	942663	1735271	0.898m	1.186 #
6)	B beta-BHC	4.153	4.698	567577	595163	1.174	0.888m
7)	B delta-BHC	4.342	4.909	998765	1408111	0.875m	0.959
8)	B Heptachlo...	4.850	5.709	910113	1953759	0.932m	1.405 #
9)	A Endosulfan I	5.176	6.062	833977	1176027	0.914m	0.931
10)	B gamma-Chl...	5.070	5.942	957325	1436344	0.964m	1.030
11)	B alpha-Chl...	5.126	6.013	929059	1311256	0.939m	0.945
12)	B 4,4'-DDE	5.296	6.173	796282	1291087	0.855m	1.011
13)	MA Dieldrin	5.416	6.316	900543	1266461	0.918	0.951
14)	MA Endrin	5.667	6.530	942422	976788	1.178	0.925m
15)	B Endosulfa...	5.939	6.739	755381	1132422	0.871m	0.942m
16)	A 4,4'-DDD	5.805	6.659	806879	1088521	1.001	0.983m
17)	MA 4,4'-DDT	6.037	6.956	609150	758112	0.883	0.761
18)	B Endrin al...	6.109	6.864	469393	1111538	0.642	1.074 #
19)	B Endosulfa...	6.318	7.085	727181	1101298	0.891	0.981m
20)	A Methoxychlor	6.586	7.414	304056	460624	0.770m	0.798m
21)	B Endrin ke...	6.799	7.550	1019108	1242127	0.941m	0.943m
22)	Mirex	6.971	8.001	485005	1009998	0.689m	1.062 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 14:04
Operator : AJ\MA
Sample : L2182-01
Misc : 1 PPB LOD
ALS Vial : 17 Sample Multiplier: 1

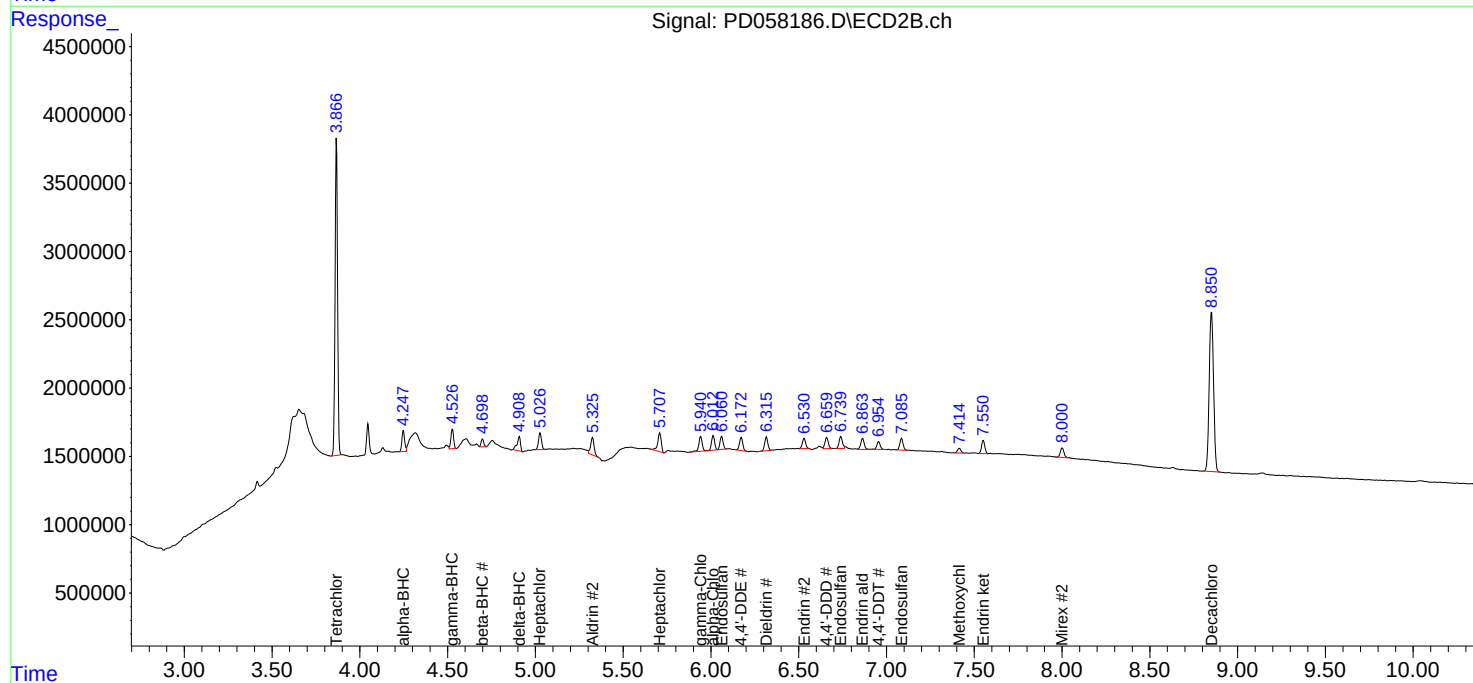
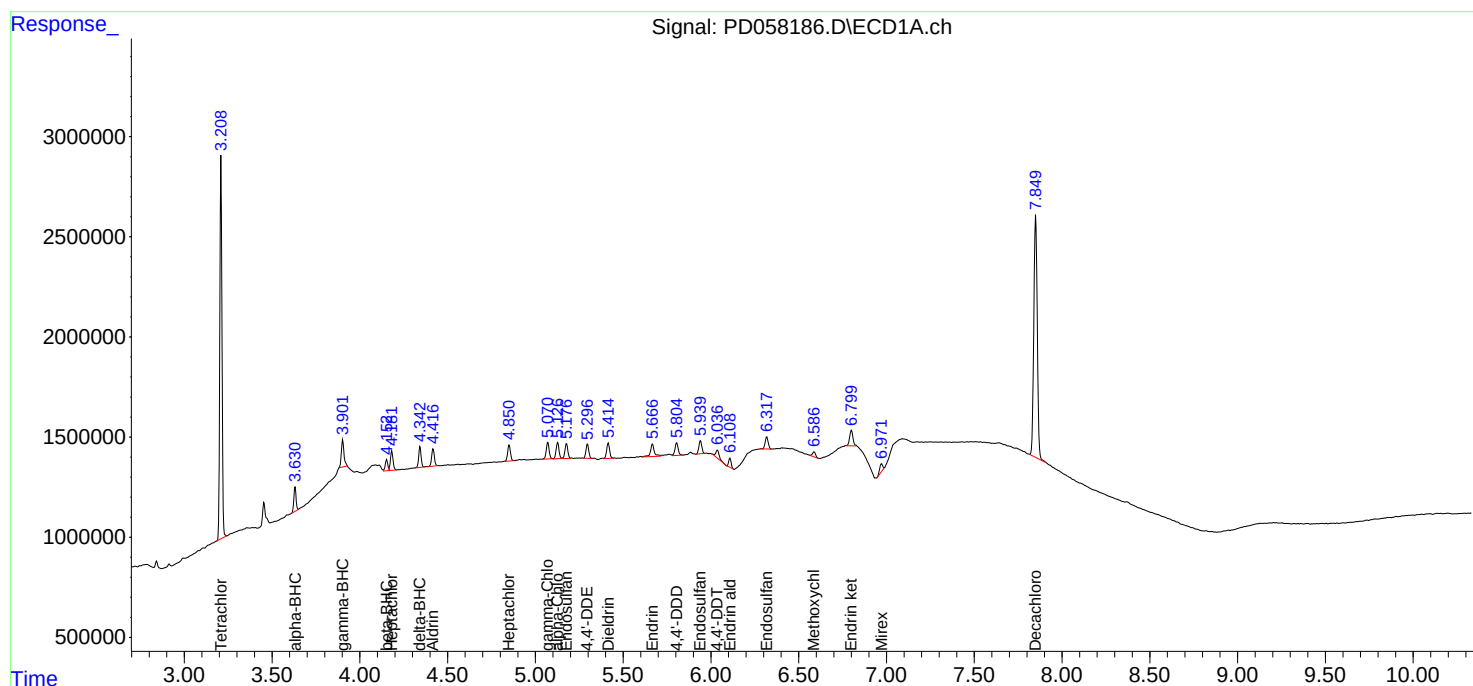
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

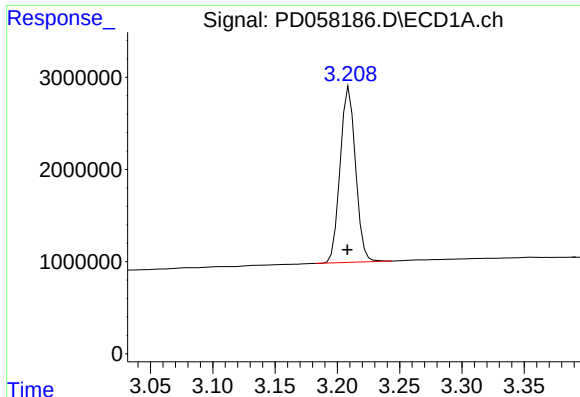
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:41:52 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





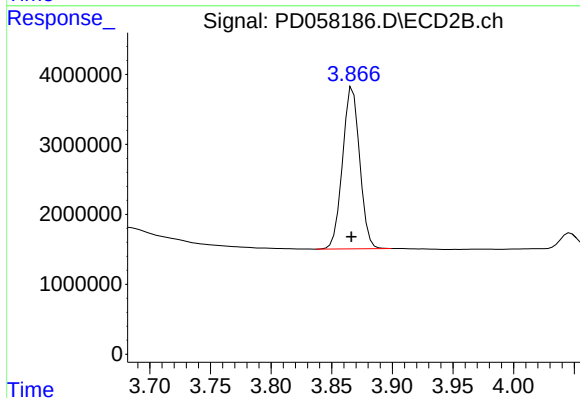
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: 0.002 min
Response: 16364710
Conc: 20.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

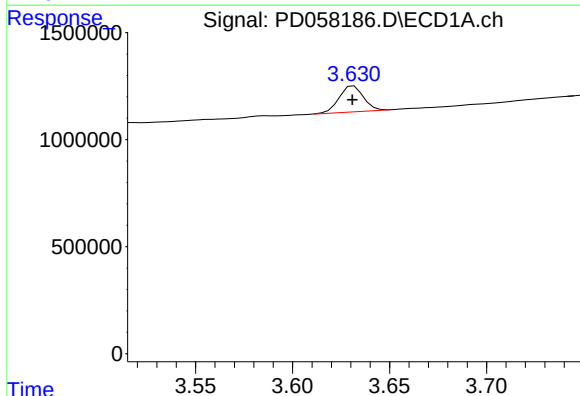
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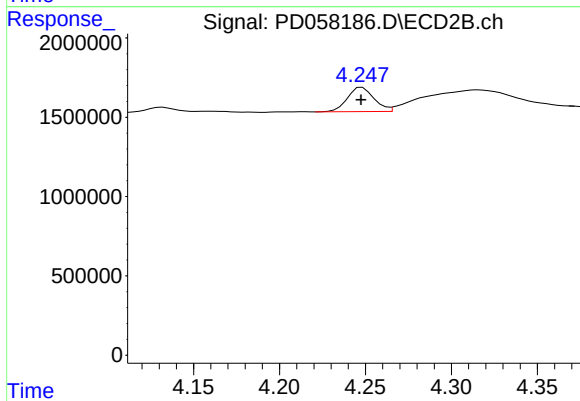
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.001 min
Response: 22743036
Conc: 19.97 ng/ml



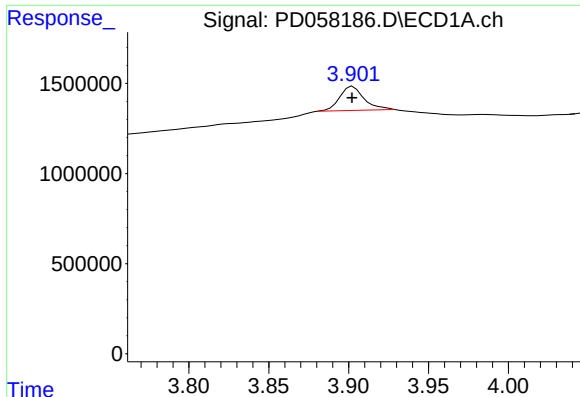
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1050761
Conc: 0.87 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 1637323
Conc: 0.96 ng/ml



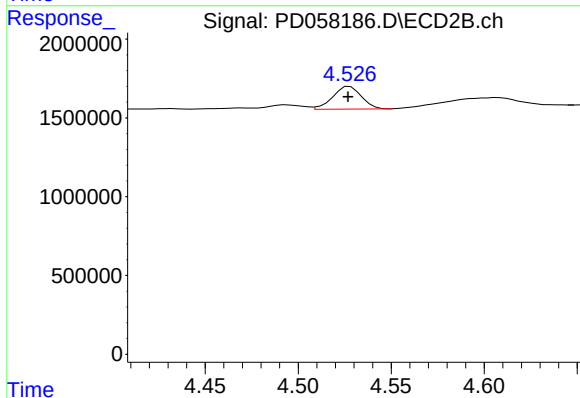
#3 gamma-BHC (Lindane)

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 1417102
Conc: 1.21 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

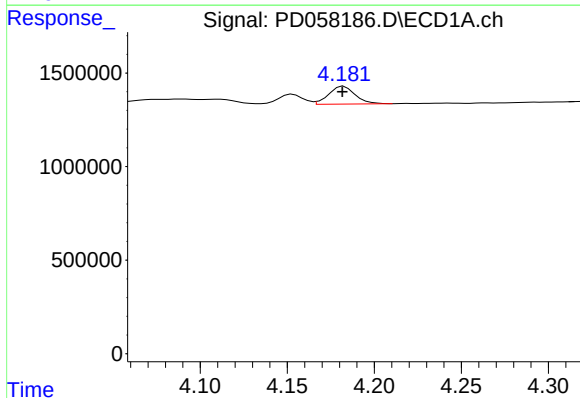
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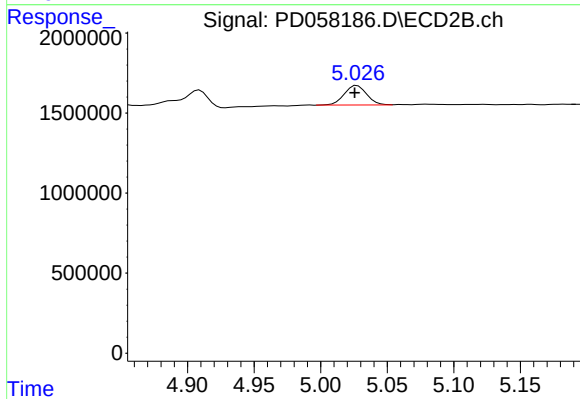
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1532763
Conc: 0.93 ng/ml



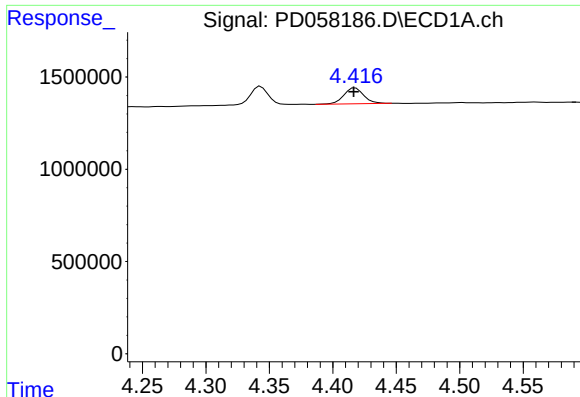
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 1007556
Conc: 0.94 ng/ml



#4 Heptachlor

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 1440455
Conc: 0.93 ng/ml m



#5 Aldrin

R.T.: 4.416 min

Delta R.T.: 0.000 min

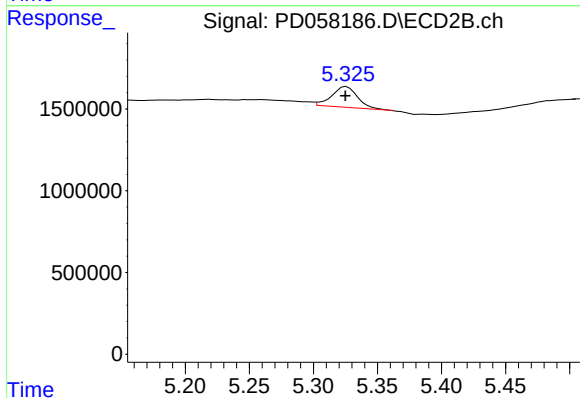
Response: 942663

Conc: 0.90 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

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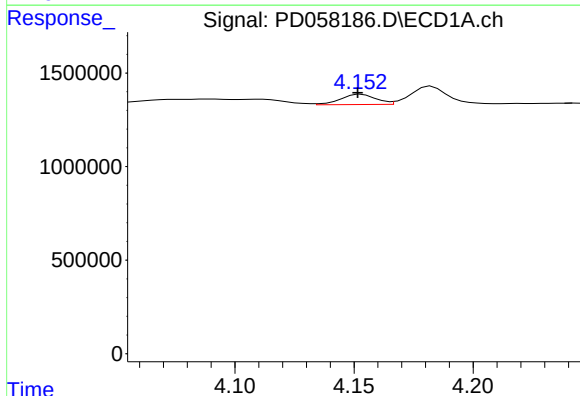
#5 Aldrin

R.T.: 5.326 min

Delta R.T.: 0.000 min

Response: 1735271

Conc: 1.19 ng/ml



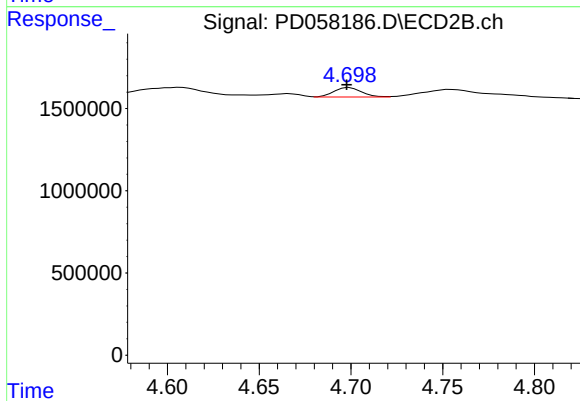
#6 beta-BHC

R.T.: 4.153 min

Delta R.T.: 0.002 min

Response: 567577

Conc: 1.17 ng/ml



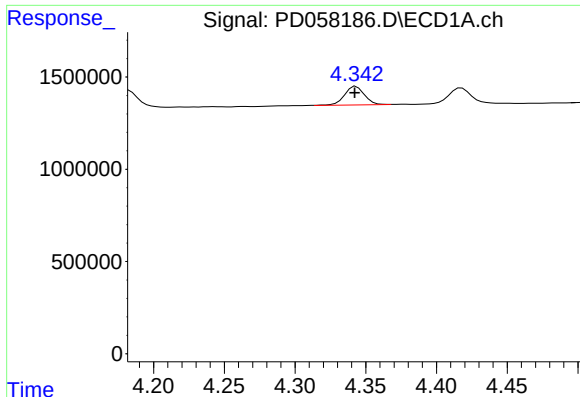
#6 beta-BHC

R.T.: 4.698 min

Delta R.T.: 0.000 min

Response: 595163

Conc: 0.89 ng/ml m



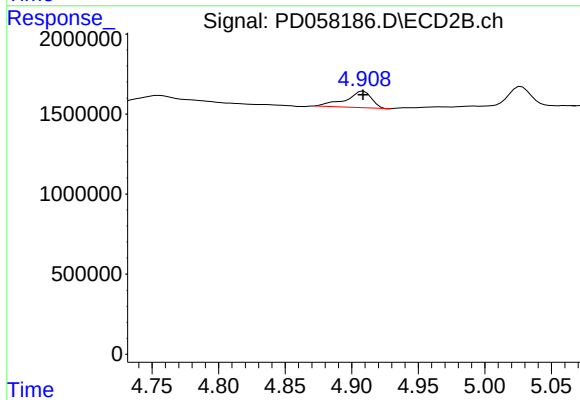
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 998765
Conc: 0.87 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

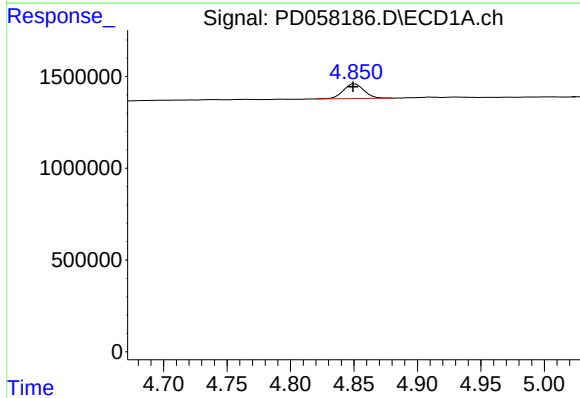
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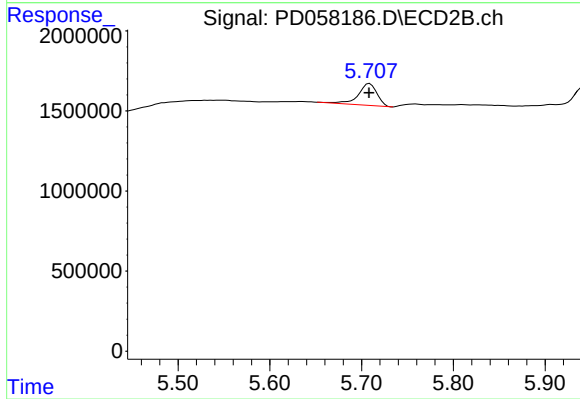
#7 delta-BHC

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 1408111
Conc: 0.96 ng/ml



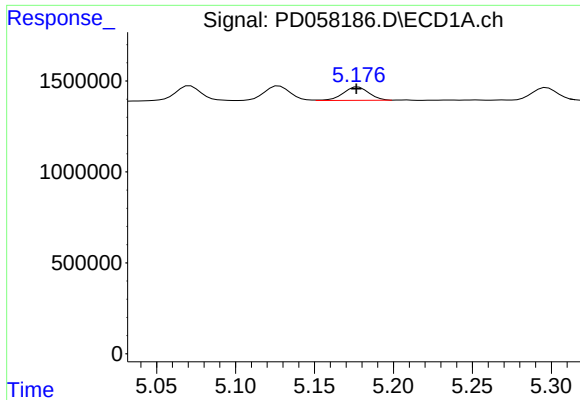
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 910113
Conc: 0.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 1953759
Conc: 1.41 ng/ml



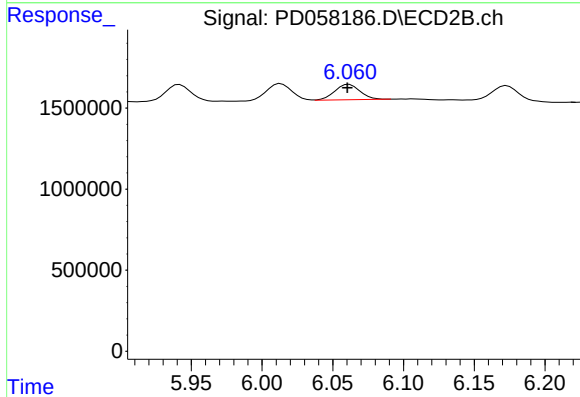
#9 Endosulfan I

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 833977
Conc: 0.91 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

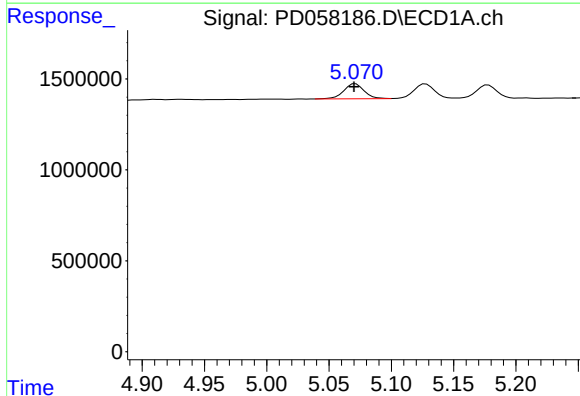
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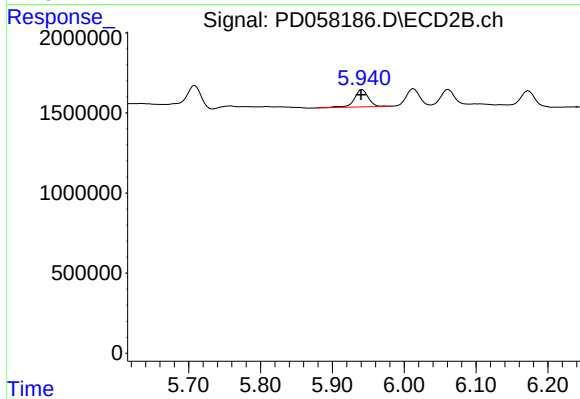
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.001 min
Response: 1176027
Conc: 0.93 ng/ml



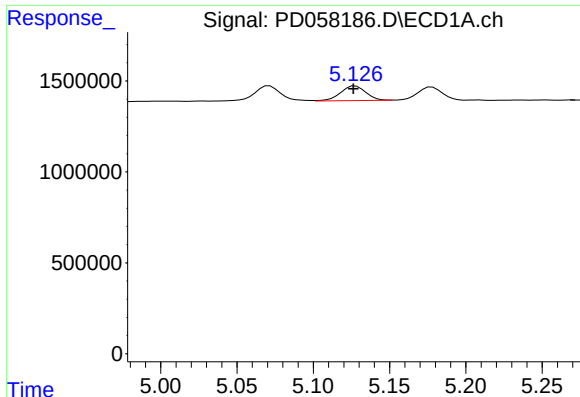
#10 gamma-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 957325
Conc: 0.96 ng/ml m



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 1436344
Conc: 1.03 ng/ml



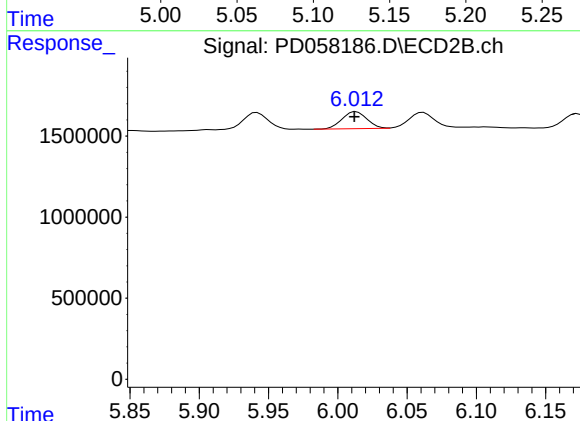
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 929059
Conc: 0.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

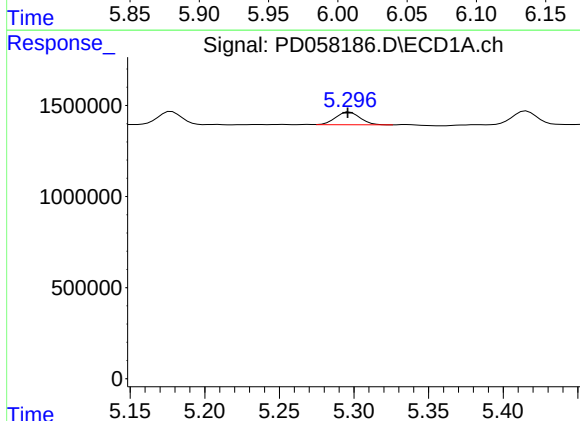
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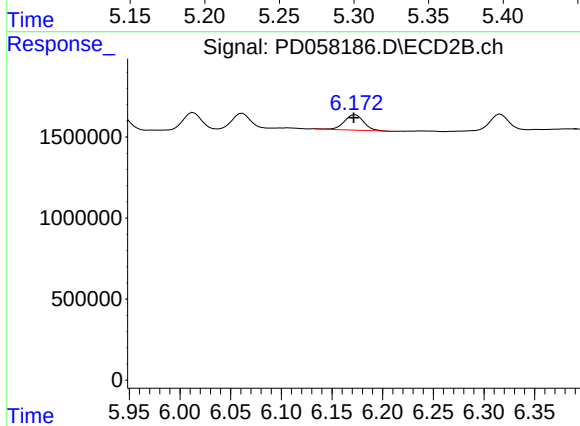
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 1311256
Conc: 0.94 ng/ml



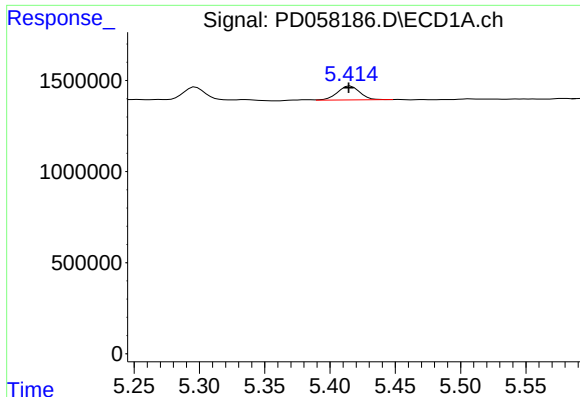
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 796282
Conc: 0.85 ng/ml m



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.001 min
Response: 1291087
Conc: 1.01 ng/ml



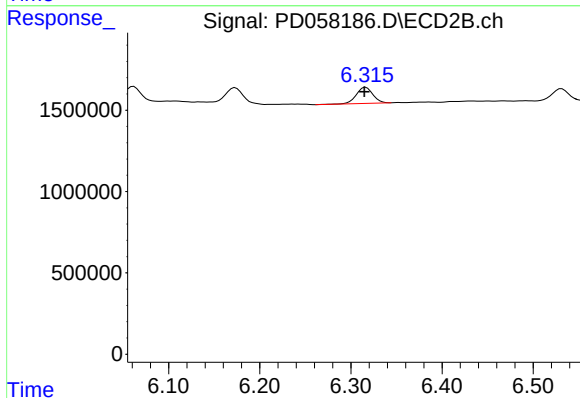
#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 900543
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

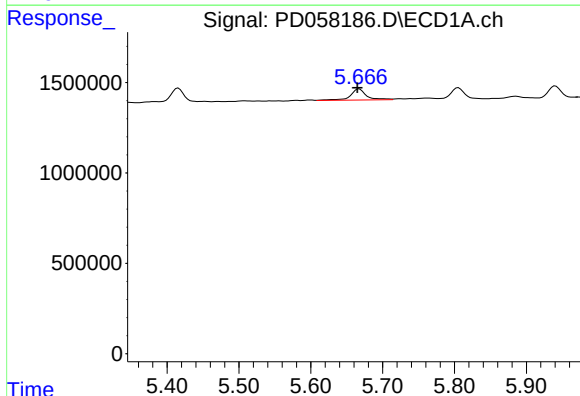
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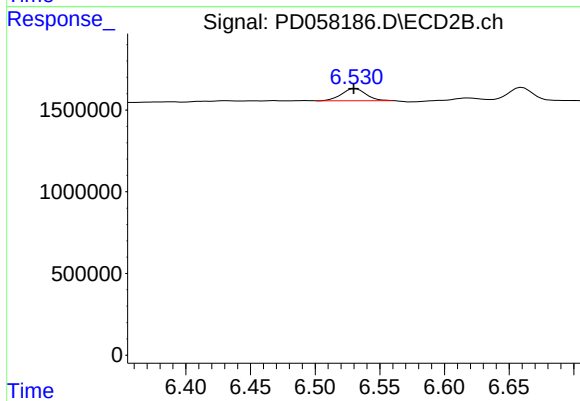
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 1266461
Conc: 0.95 ng/ml



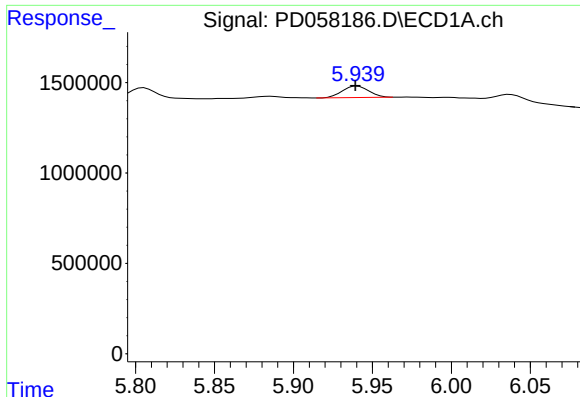
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 942422
Conc: 1.18 ng/ml



#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 976788
Conc: 0.92 ng/ml m



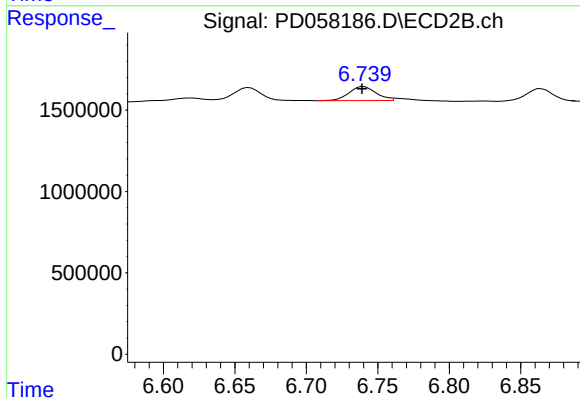
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 755381
Conc: 0.87 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

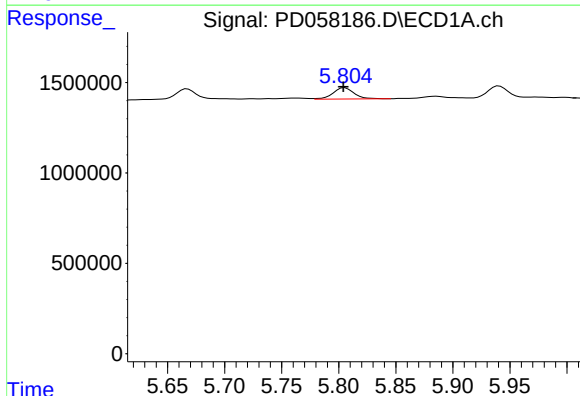
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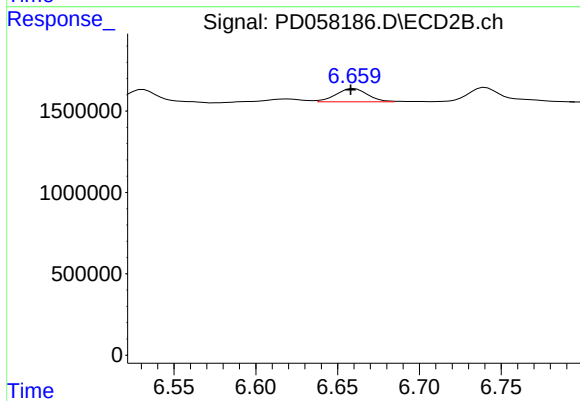
#15 Endosulfan II

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 1132422
Conc: 0.94 ng/ml m



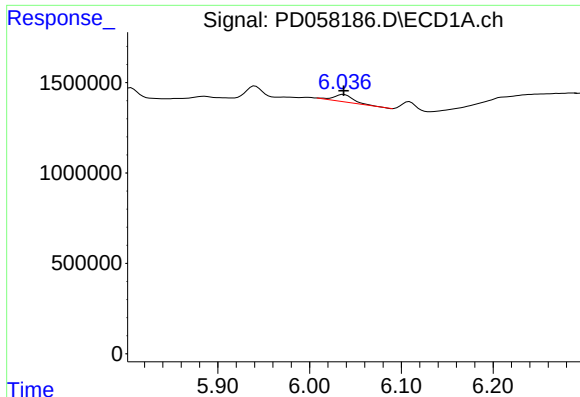
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 806879
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 1088521
Conc: 0.98 ng/ml m



#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 609150
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

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#17 4,4'-DDT

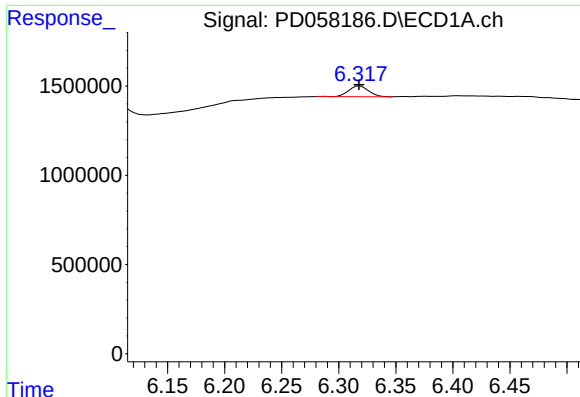
R.T.: 6.956 min
Delta R.T.: 0.001 min
Response: 758112
Conc: 0.76 ng/ml

#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 469393
Conc: 0.64 ng/ml

#18 Endrin aldehyde

R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 1111538
Conc: 1.07 ng/ml



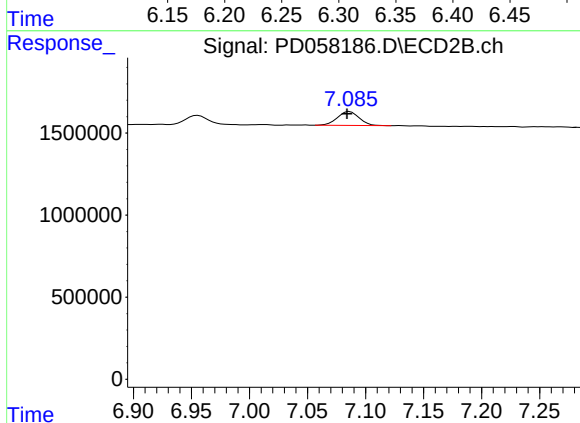
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 727181
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

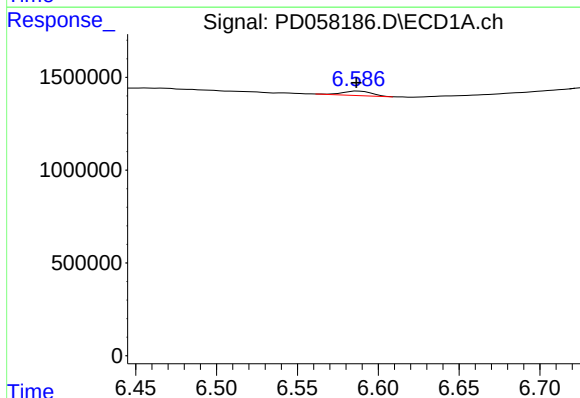
Manual Integrations
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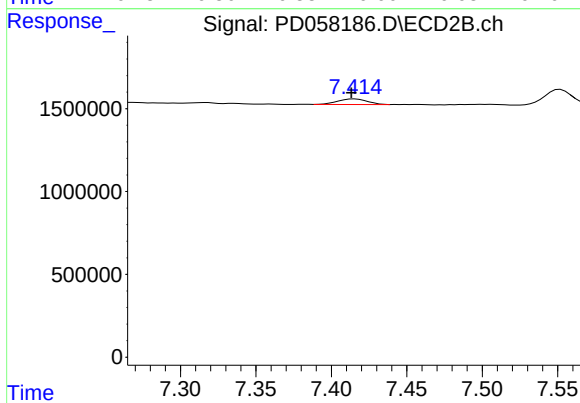
#19 Endosulfan Sulfate

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 1101298
Conc: 0.98 ng/ml m



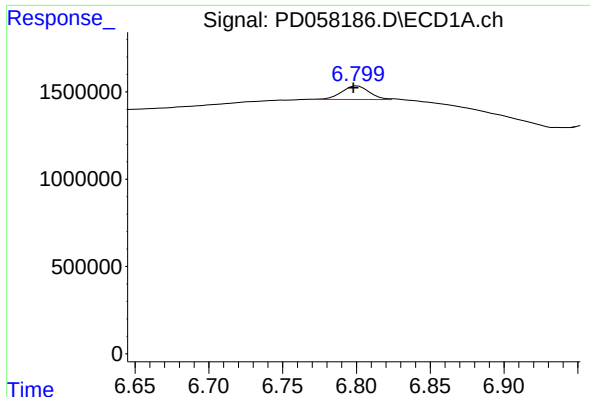
#20 Methoxychlor

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 304056
Conc: 0.77 ng/ml m



#20 Methoxychlor

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 460624
Conc: 0.80 ng/ml m



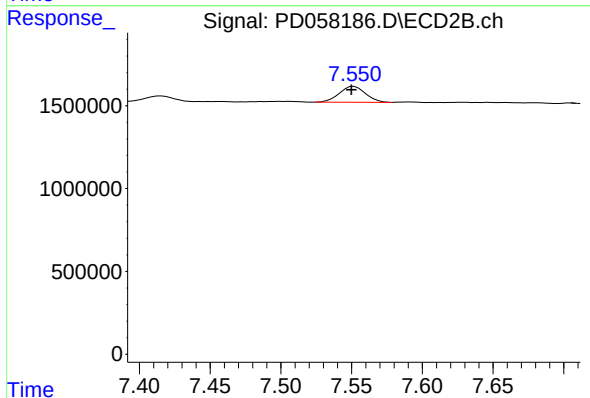
#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 1019108
Conc: 0.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

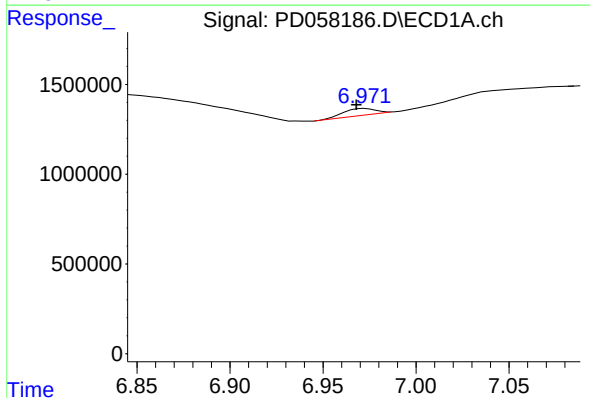
Manual Integrations
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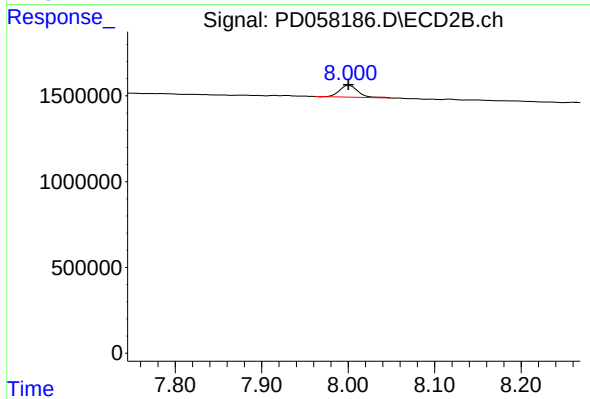
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1242127
Conc: 0.94 ng/ml m



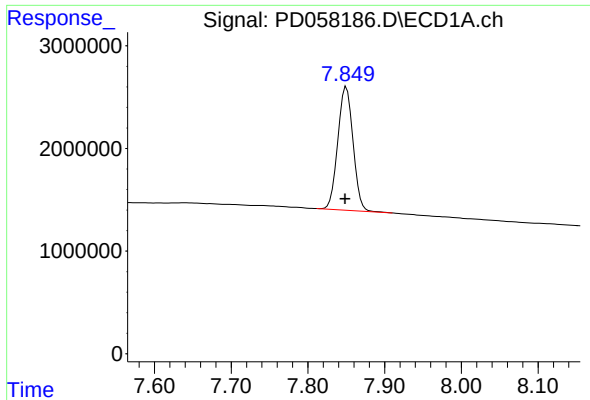
#22 Mirex

R.T.: 6.971 min
Delta R.T.: 0.003 min
Response: 485005
Conc: 0.69 ng/ml m



#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.001 min
Response: 1009998
Conc: 1.06 ng/ml



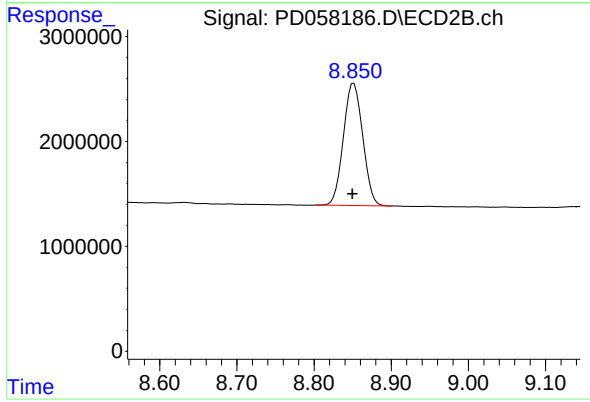
#28 Decachlorobiphenyl

R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 16611808
Conc: 20.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:28:18 PM



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.002 min
Response: 20240700
Conc: 19.52 ng/ml