

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 11:03
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 09:31:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 2021
 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...	3.486	3.981	14562278	144.1E6	18.661	18.832
28)	SA Decachlor...	8.259	9.039	21072183	157.2E6	18.659	18.778
Target Compounds							
2)	A alpha-BHC	3.926	4.370	2379816	22725325	2.004	1.979
3)	MA gamma-BHC...	4.210	4.654	2321243	23394357	2.129	2.237
4)	MA Heptachlor	4.514	5.162	1902818	25786362	2.386	2.678
5)	MB Aldrin	4.764	5.467	2263644	25438230	2.059	2.332
6)	B beta-BHC	4.461	4.824	1207260	9112524	2.390	2.152
7)	B delta-BHC	4.667	5.040	2054566	24453295	1.837	2.294
8)	B Heptachlo...	5.208	5.853	2230264	22643162	2.148	2.361
9)	A Endosulfan I	5.549	6.210	2152759	22117900	2.141	2.378
10)	B gamma-Chl...	5.436	6.087	2280064	26492881	2.134	2.564
11)	B alpha-Chl...	5.495	6.160	2248564	23701080	2.129	2.421
12)	B 4,4'-DDE	5.658	6.316	2029526	22077153	1.949	2.203
13)	MA Dieldrin	5.793	6.466	2077199	22451516	2.026	2.231
14)	MA Endrin	6.051	6.684	1860862	16866686	2.034	2.047
15)	B Endosulfa...	6.324	6.892	1991233	21892571	2.119m	2.610
16)	A 4,4'-DDD	6.175	6.805	1495108	20279756	1.955	2.526 #
17)	MA 4,4'-DDT	6.416	7.104	1456646	20787210	1.825m	2.462 #
18)	B Endrin al...	6.492	7.016	1835738	18324428	2.434m	2.666
19)	B Endosulfa...	6.707	7.239	2306852	18531678	2.379	2.130
20)	A Methoxychlor	6.962	7.560	673565	6319841	1.732m	1.651m
21)	B Endrin ke...	7.201	7.710	2669047	20146507	2.301	2.211
22)	Mirex	7.391	8.164	2337686	15403968	2.679	2.700

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 11:03
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

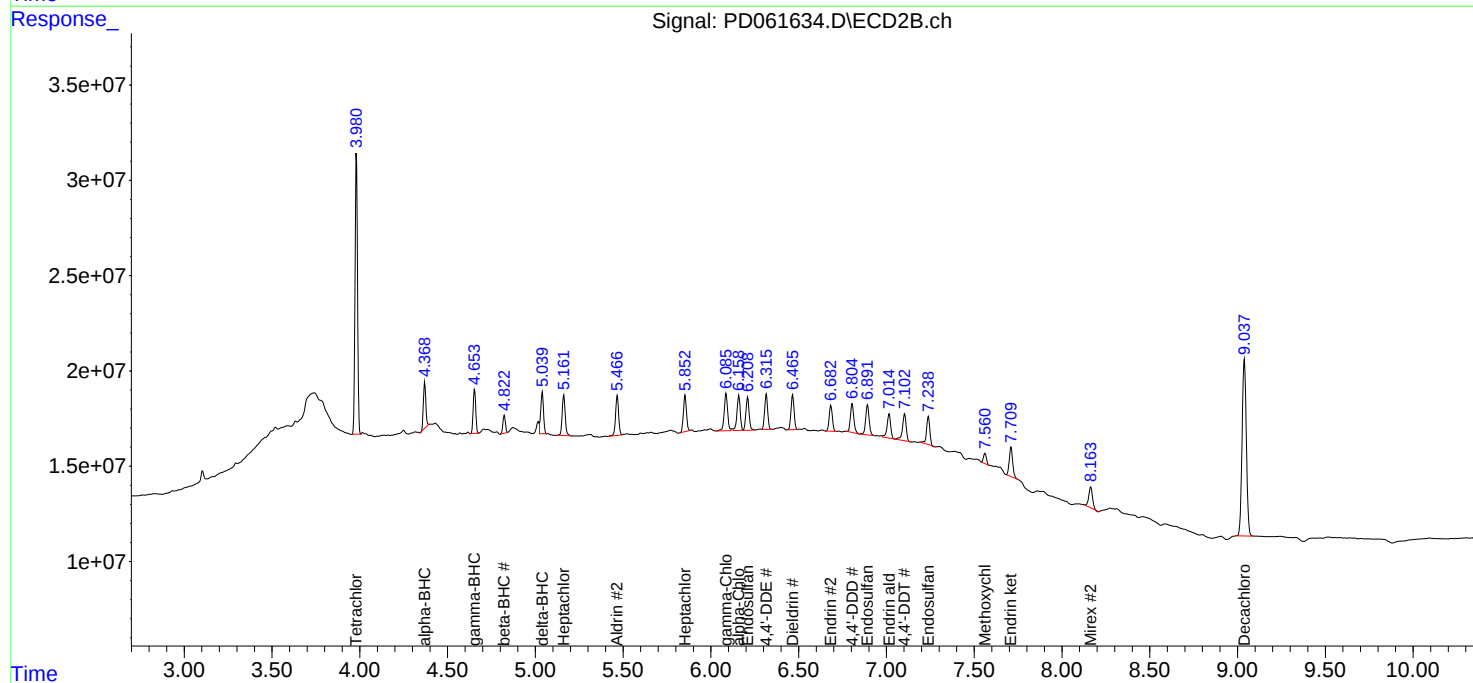
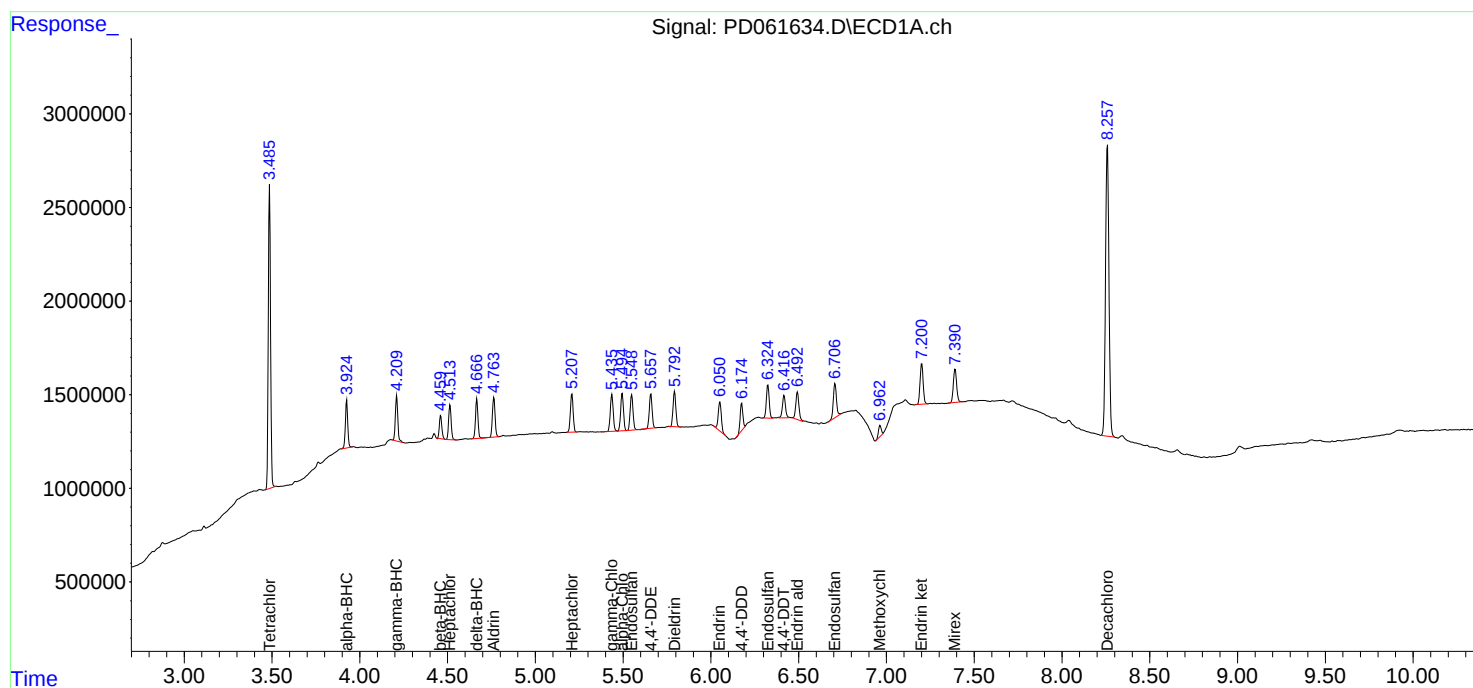
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

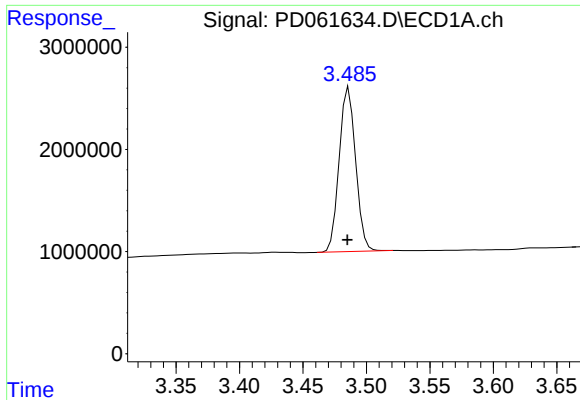
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 09:31:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
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Volume 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





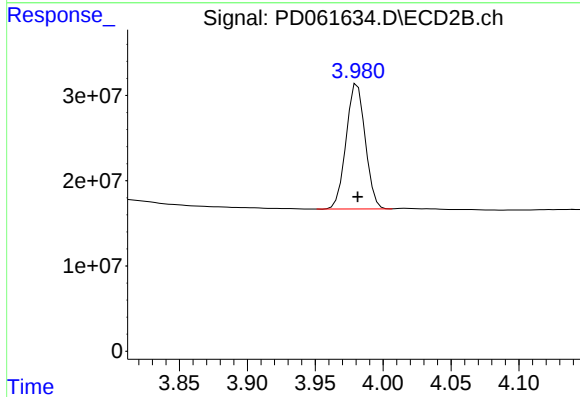
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: 0.001 min
Response: 14562278
Conc: 18.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

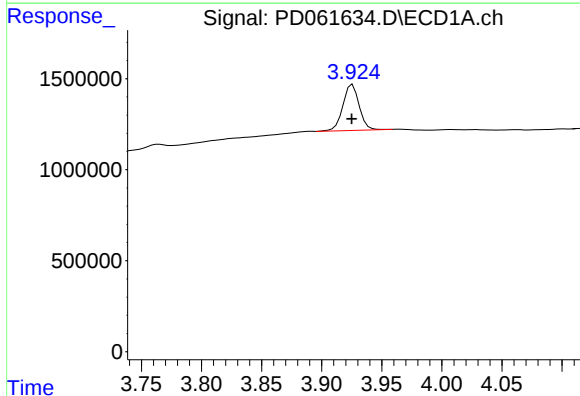
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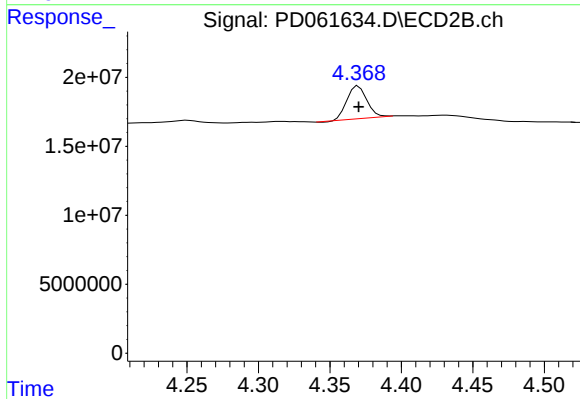
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 144140972
Conc: 18.83 ng/ml



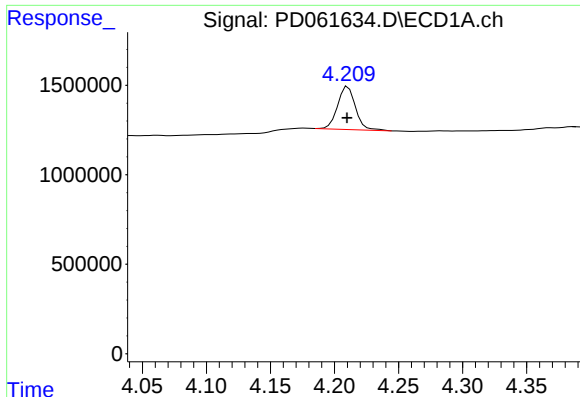
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 2379816
Conc: 2.00 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 22725325
Conc: 1.98 ng/ml



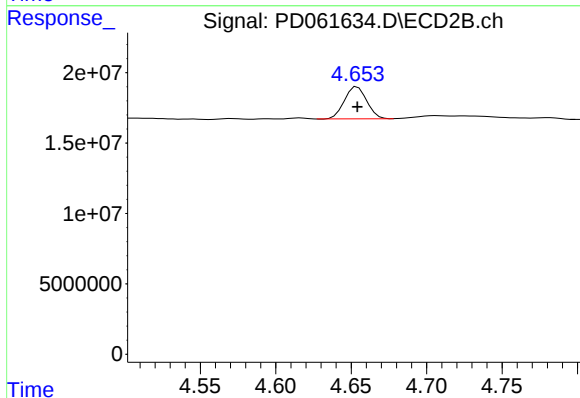
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 2321243
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

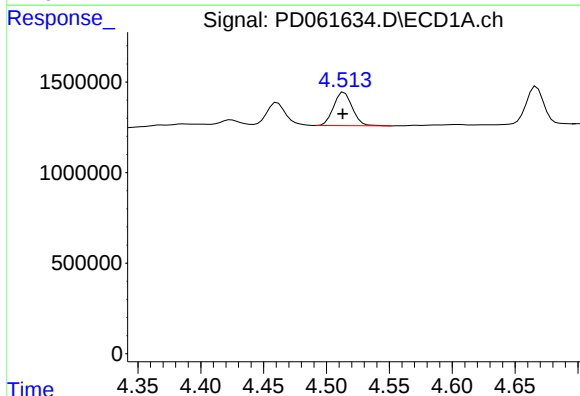
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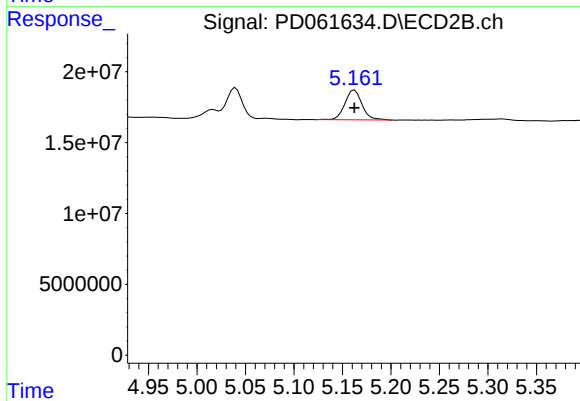
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 23394357
Conc: 2.24 ng/ml



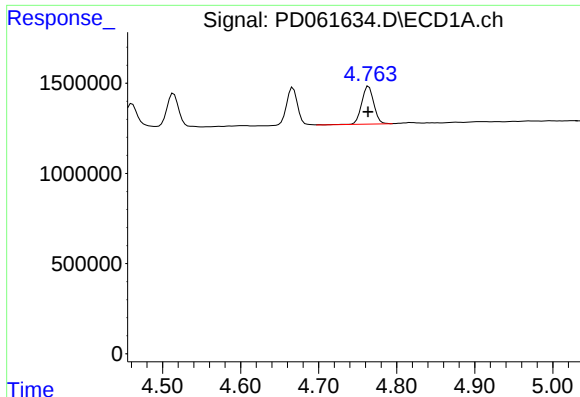
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.001 min
Response: 1902818
Conc: 2.39 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 25786362
Conc: 2.68 ng/ml



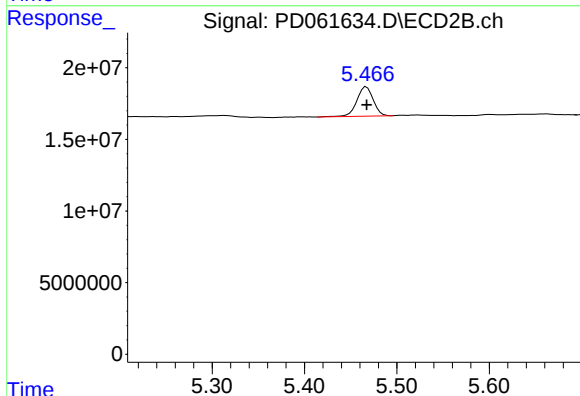
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 2263644
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

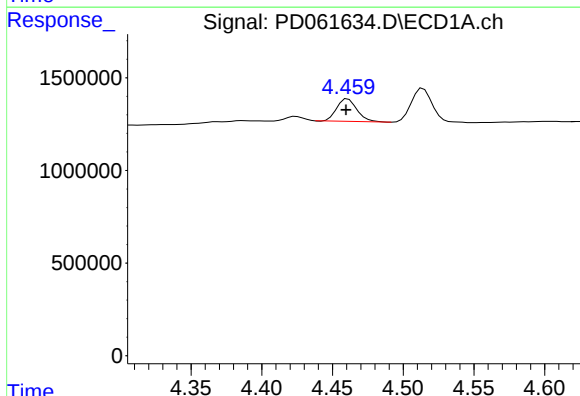
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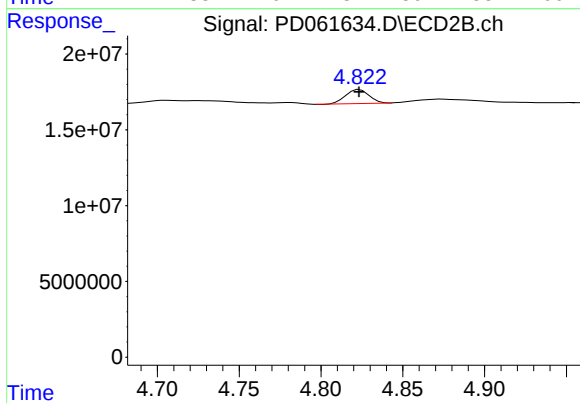
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 25438230
Conc: 2.33 ng/ml



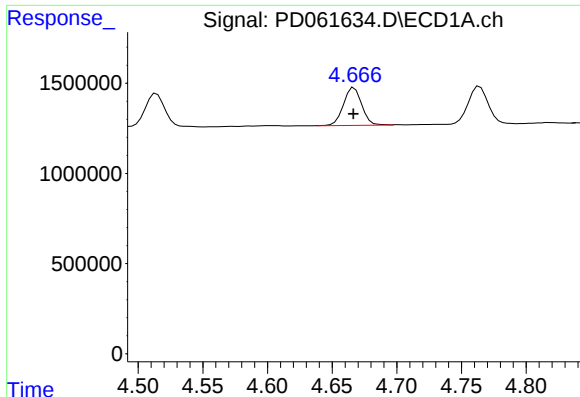
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.001 min
Response: 1207260
Conc: 2.39 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 9112524
Conc: 2.15 ng/ml



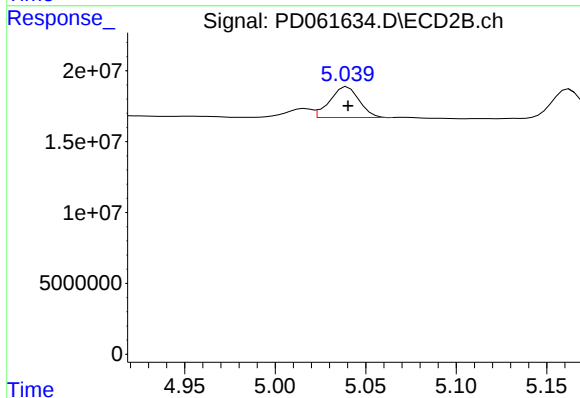
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 2054566
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

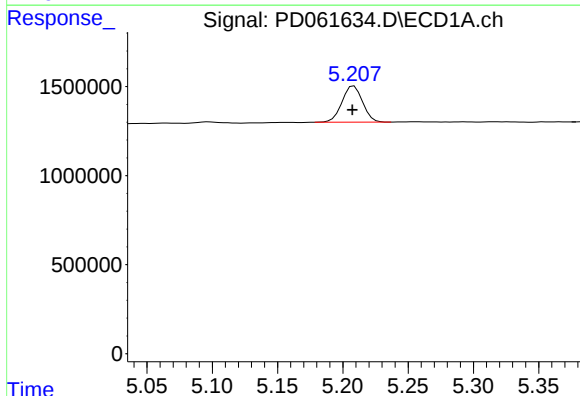
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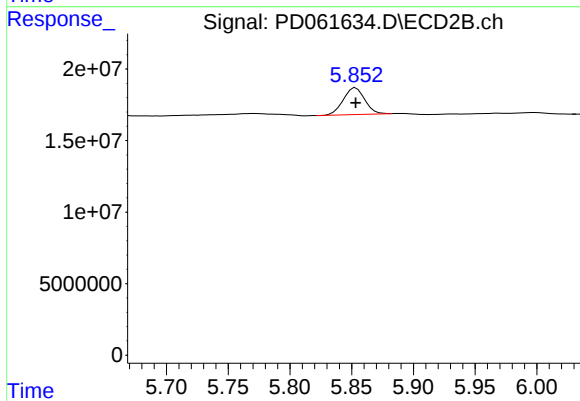
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 24453295
Conc: 2.29 ng/ml



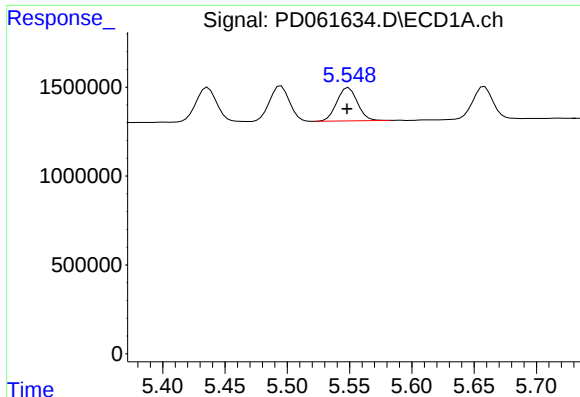
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.001 min
Response: 2230264
Conc: 2.15 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 22643162
Conc: 2.36 ng/ml



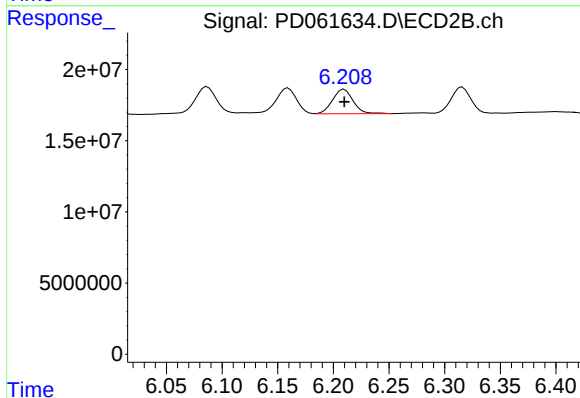
#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 2152759
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

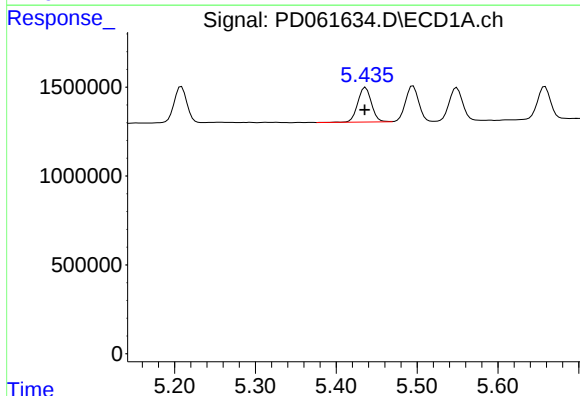
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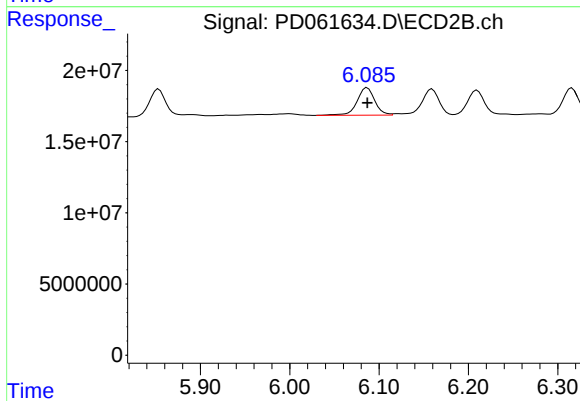
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 22117900
Conc: 2.38 ng/ml



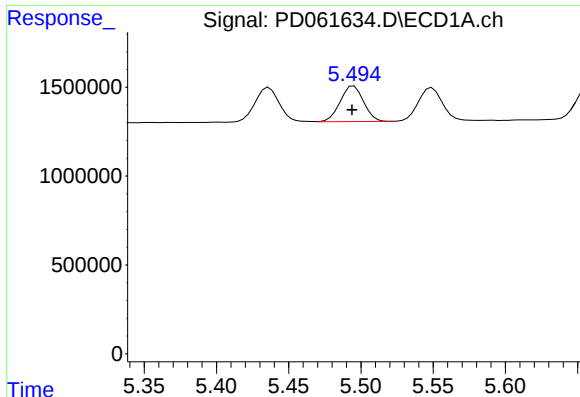
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.001 min
Response: 2280064
Conc: 2.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 26492881
Conc: 2.56 ng/ml



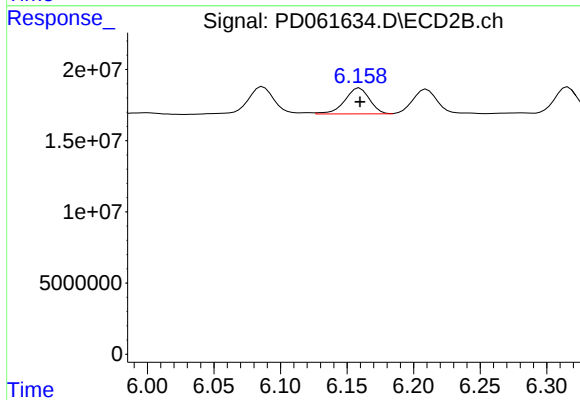
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.001 min
Response: 2248564
Conc: 2.13 ng/ml

Instrument :
ECD_D
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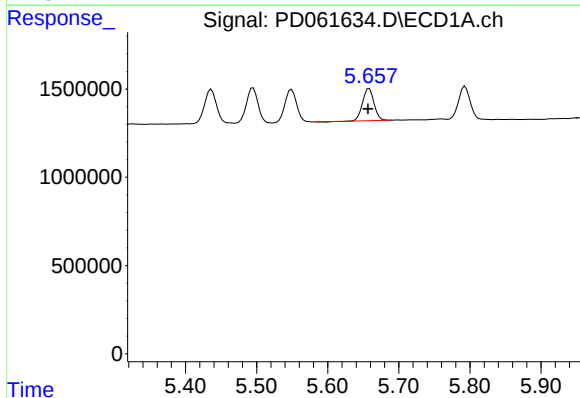
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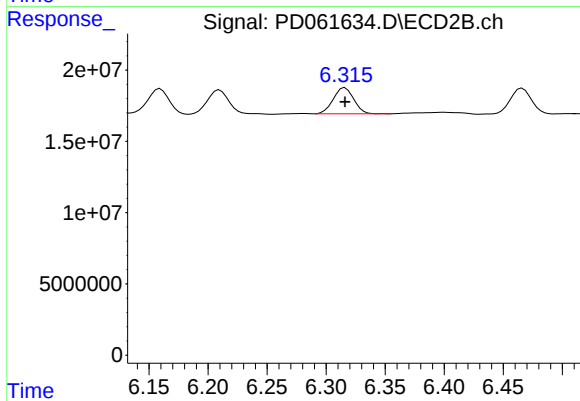
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 23701080
Conc: 2.42 ng/ml



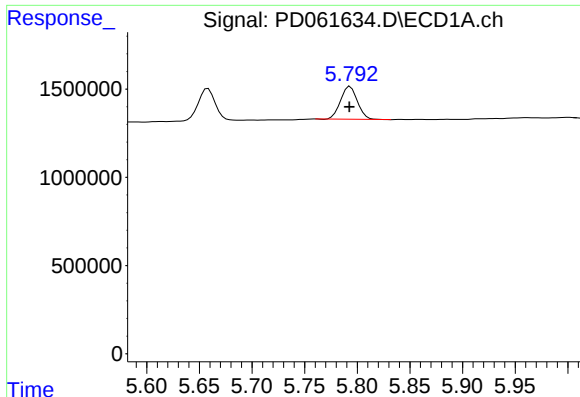
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 2029526
Conc: 1.95 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 22077153
Conc: 2.20 ng/ml



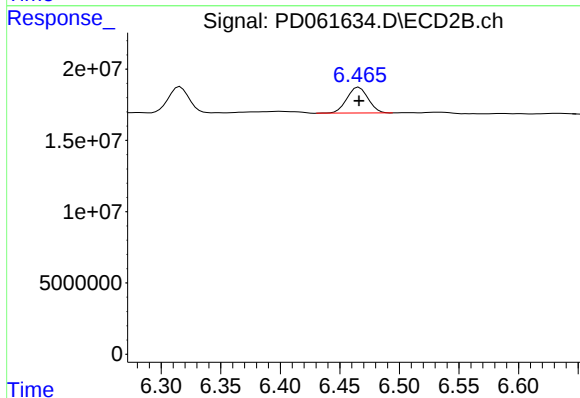
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 2077199
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

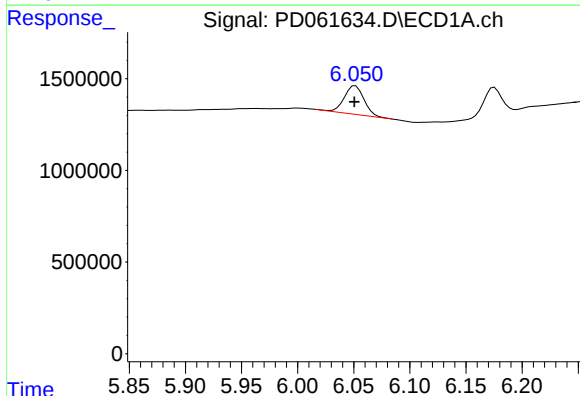
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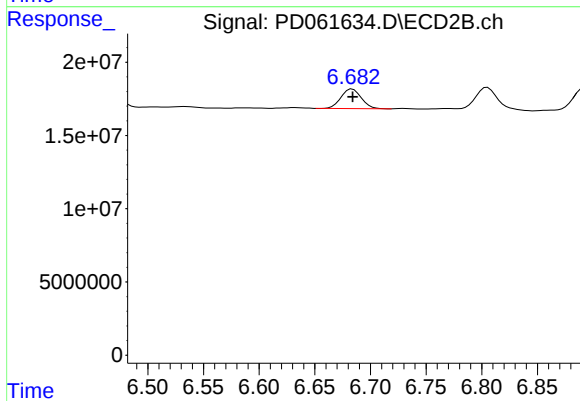
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 22451516
Conc: 2.23 ng/ml



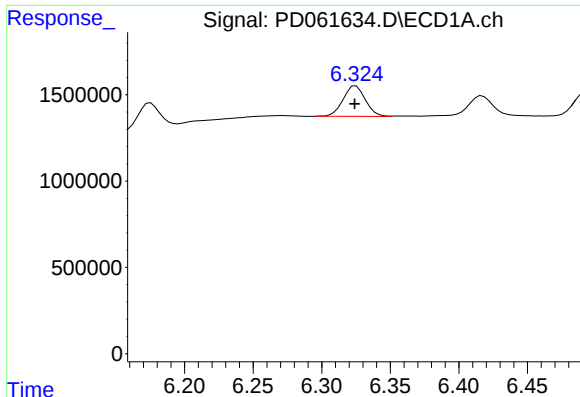
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 1860862
Conc: 2.03 ng/ml



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 16866686
Conc: 2.05 ng/ml



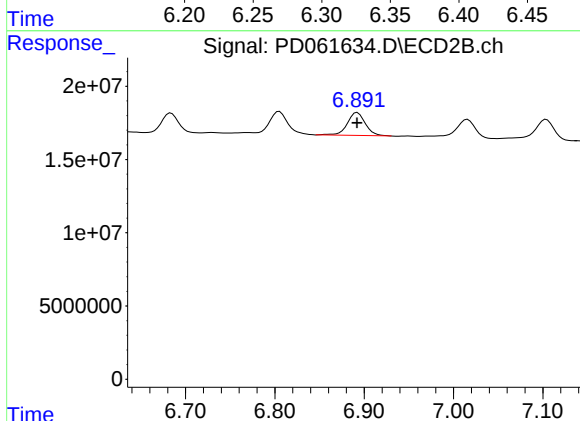
#15 Endosulfan II

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 1991233
Conc: 2.12 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

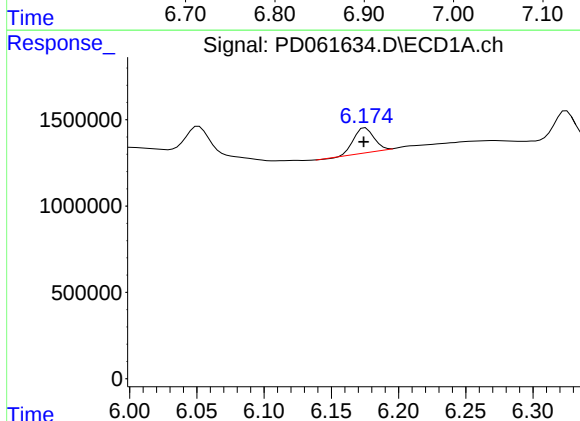
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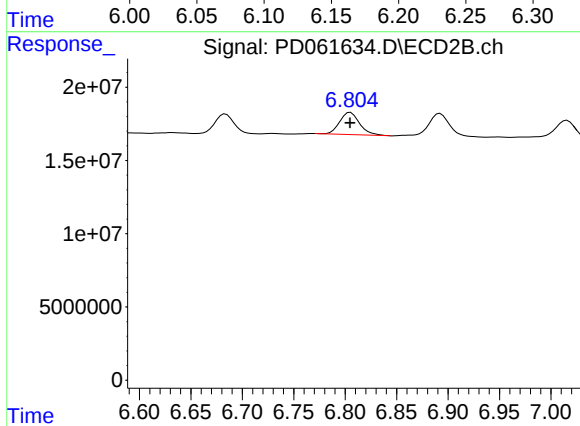
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 21892571
Conc: 2.61 ng/ml



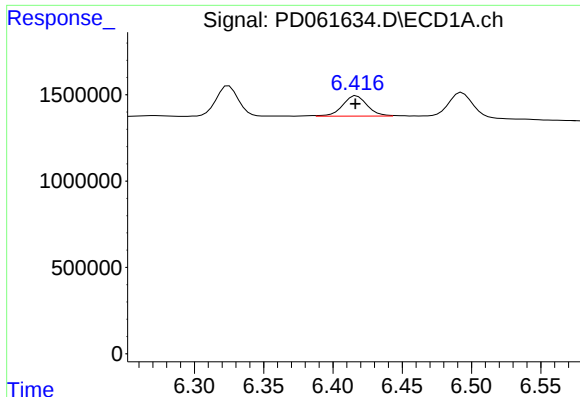
#16 4,4'-DDD

R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 1495108
Conc: 1.96 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 20279756
Conc: 2.53 ng/ml



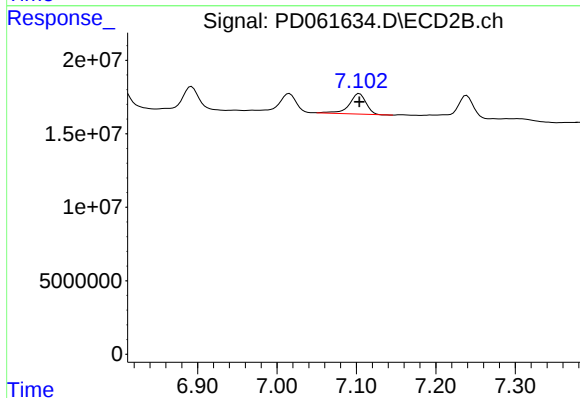
#17 4,4'-DDT

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 1456646
Conc: 1.83 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

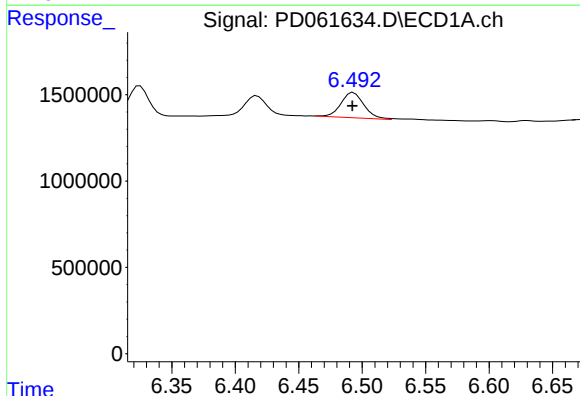
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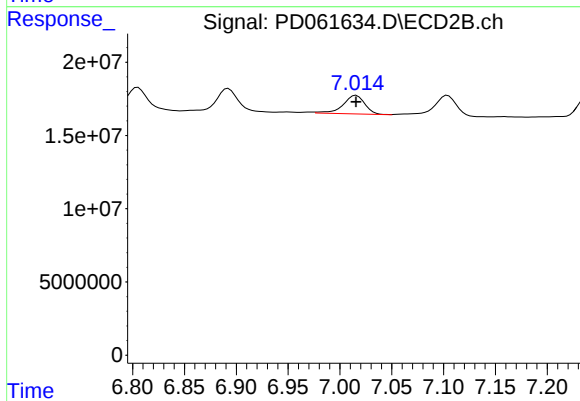
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 20787210
Conc: 2.46 ng/ml



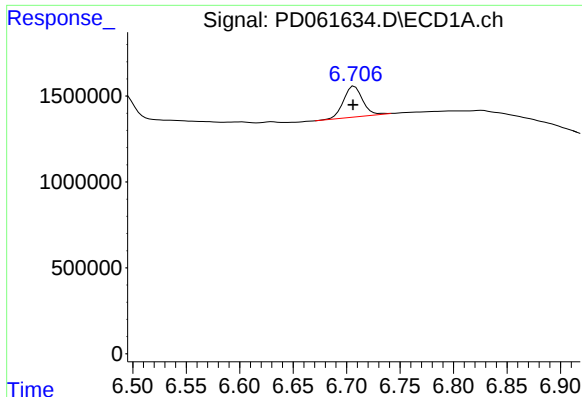
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 1835738
Conc: 2.43 ng/ml m



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 18324428
Conc: 2.67 ng/ml



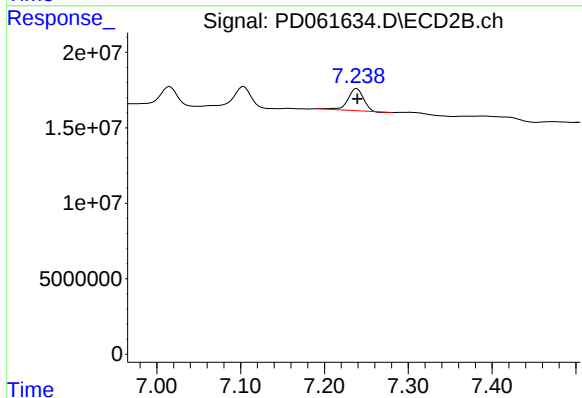
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 2306852
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

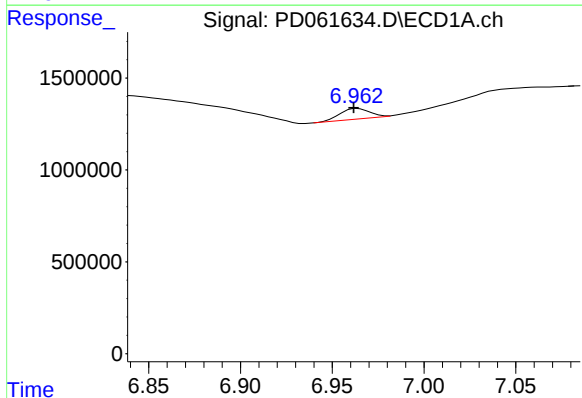
Manual Integrations
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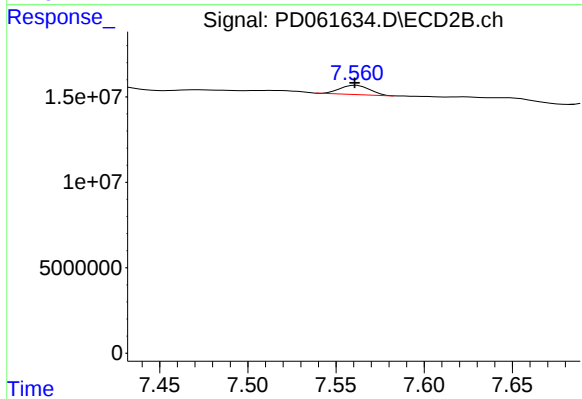
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 18531678
Conc: 2.13 ng/ml



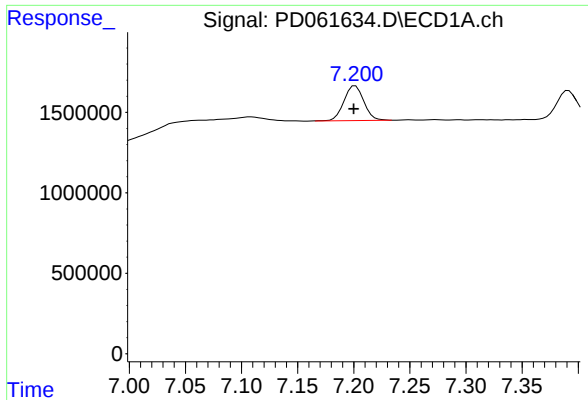
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 673565
Conc: 1.73 ng/ml m



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 6319841
Conc: 1.65 ng/ml m



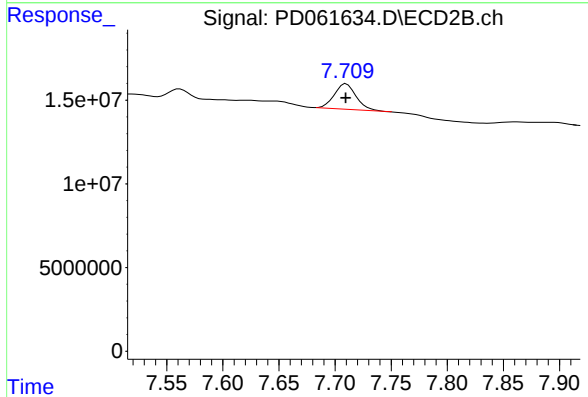
#21 Endrin ketone

R.T.: 7.201 min
Delta R.T.: 0.001 min
Response: 2669047
Conc: 2.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

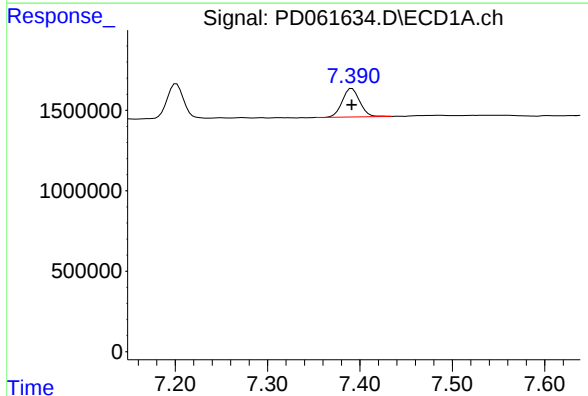
Manual Integrations
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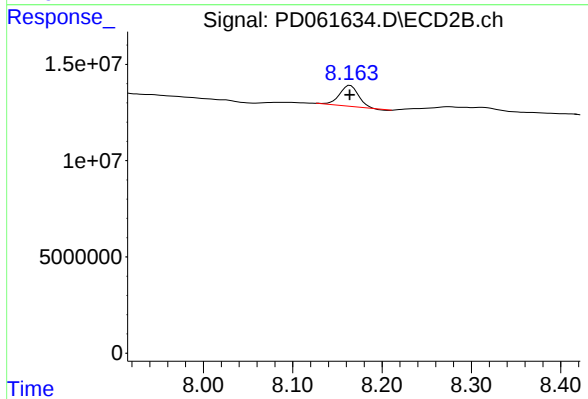
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 20146507
Conc: 2.21 ng/ml



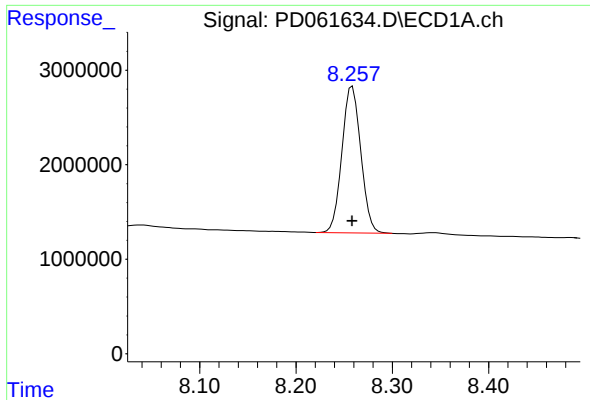
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 2337686
Conc: 2.68 ng/ml



#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 15403968
Conc: 2.70 ng/ml



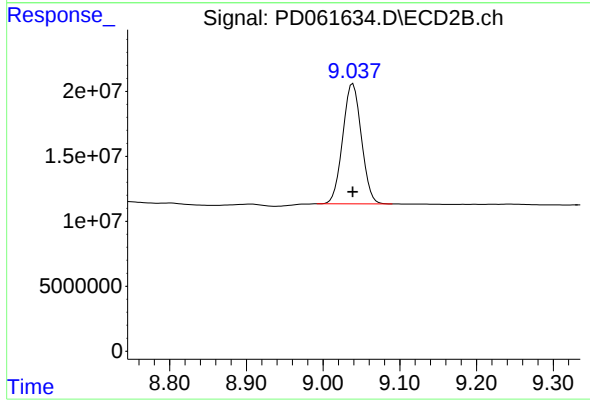
#28 Decachlorobiphenyl

R.T.: 8.259 min
Delta R.T.: 0.000 min
Response: 21072183
Conc: 18.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:14 PM



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 157214842
Conc: 18.78 ng/ml