

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070920\
 Data File : PD058497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2020 10:27
 Operator : AJ\MA
 Sample : L3216-01
 Misc : LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:52:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 08:01:25 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	3.866	33614108	47012244	18.436	19.027
2)	SA Decachlor...	7.847	8.861	34703904	43631677	19.218	20.012
Target Compounds							
2)	A alpha-BHC	3.632	4.248	2465369	3735527	0.861	0.991
3)	MA gamma-BHC...	3.903	4.529	2501846	3153750	0.977	0.912
4)	MA Heptachlor	4.182	5.029	1777057	2731106	0.980	0.868
5)	MB Aldrin	4.417	5.328	2128689	2932634	0.894	0.925
6)	B beta-BHC	4.152	4.701	1015354	1405119	0.991	0.992
7)	B delta-BHC	4.343	4.911	2127012	1621581	0.839	0.527 #
8)	B Heptachlo...	4.850	5.712	1926399	4304199	0.982	1.479 #
9)	A Endosulfan I	5.177	6.065	1926203	2582019	0.972	0.979
10)	B gamma-Chl...	5.068	5.944	2174238	2655139	0.977m	0.912m
11)	B alpha-Chl...	5.126	6.016	2224930	3000911	1.005	1.043m
12)	B 4,4'-DDE	5.296	6.176	1961729	2623837	0.909	0.955
13)	MA Dieldrin	5.414	6.320	1814371	2548848	1.017	0.892
14)	MA Endrin	5.666	6.536	2119791	2216572	1.488	1.041 #
15)	B Endosulfa...	5.939	6.745	1811330	2992379	1.004	1.213
16)	A 4,4'-DDD	5.803	6.664	1350019	2903615	1.032	1.259
17)	MA 4,4'-DDT	6.036	6.961	1480075	2050999	1.004	0.894
18)	B Endrin al...	6.106	6.870	1222693	2122218	0.878	0.992
19)	B Endosulfa...	6.317	7.091	1689746	2359983	1.062	1.029
20)	A Methoxychlor	6.583	7.421	629360	1497301	1.068m	1.246
21)	B Endrin ke...	6.797	7.557	1722818	2596827	0.936	0.954
22)	Mirex	6.968	8.008	1739595	1664695	1.155	0.863 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070920\
 Data File : PD058497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2020 10:27
 Operator : AJ\MA
 Sample : L3216-01
 Misc : LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

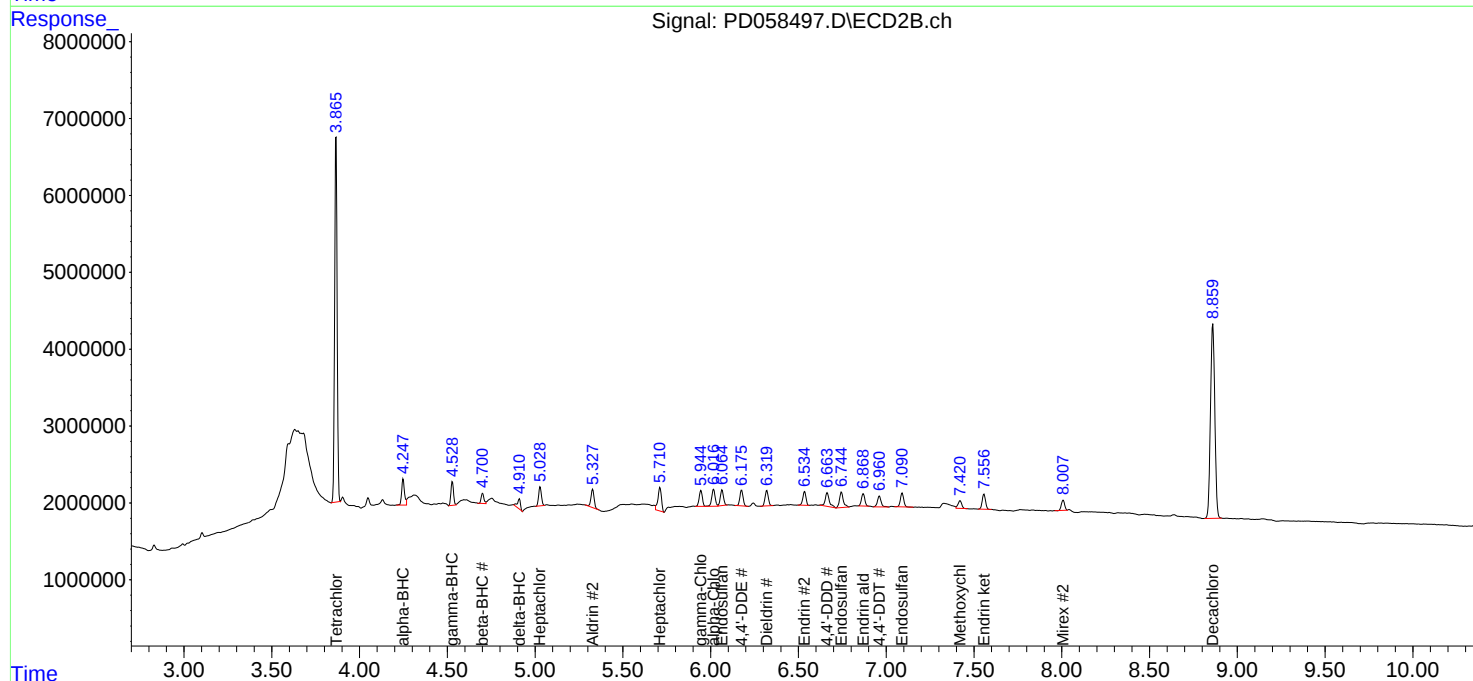
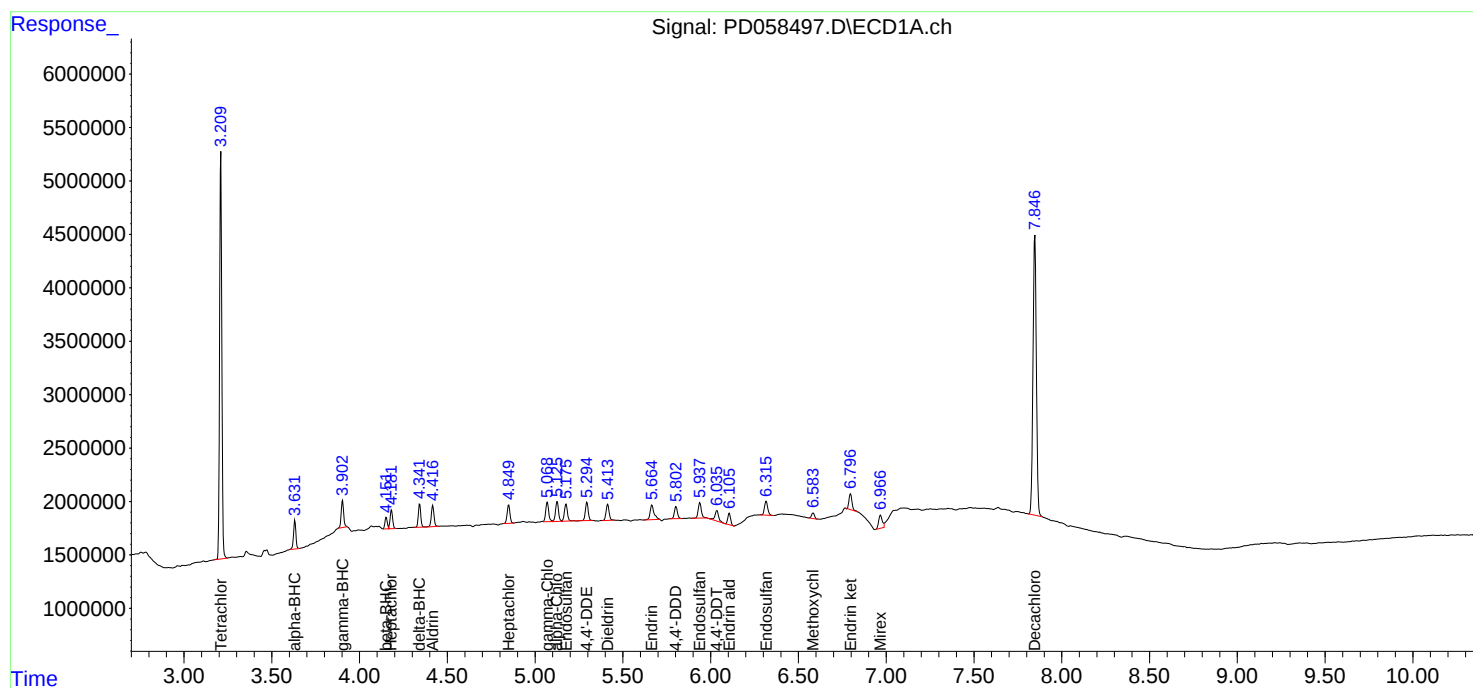
Instrument :
 ECD_D
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 LOD-MDL-SOIL-01-QT3-2020

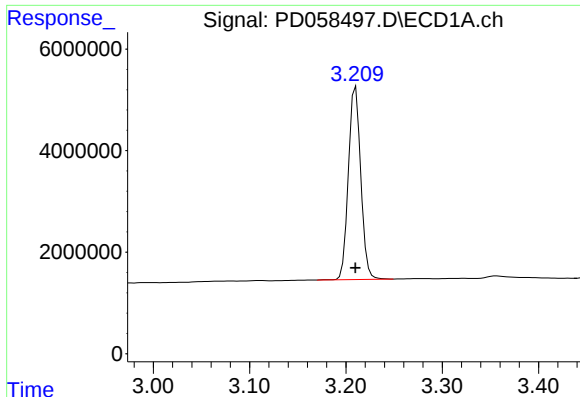
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:52:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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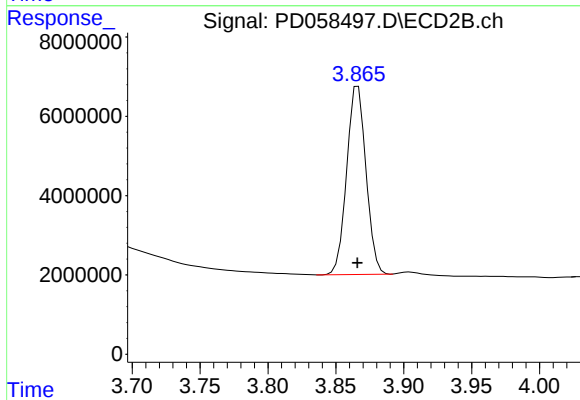
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 33614108
Conc: 18.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

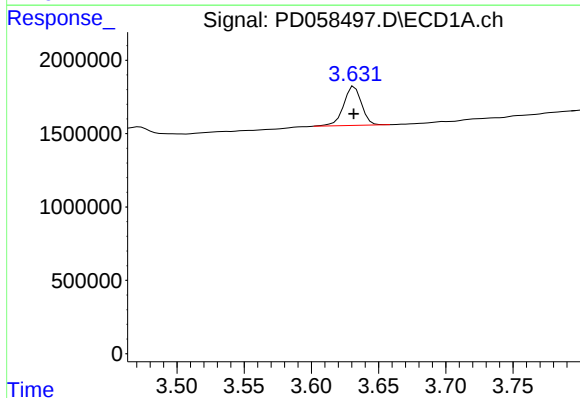
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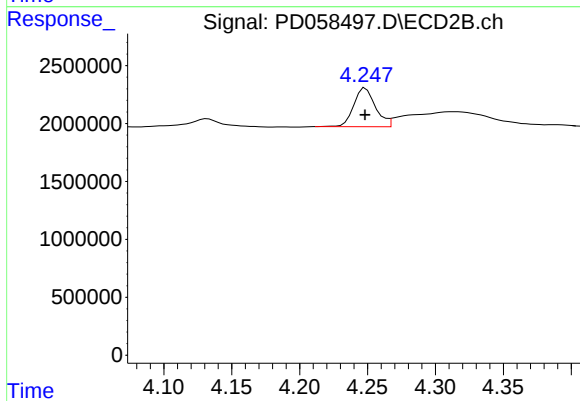
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 47012244
Conc: 19.03 ng/ml



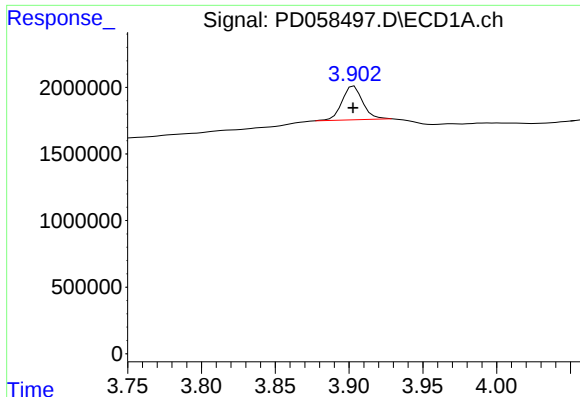
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 2465369
Conc: 0.86 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 3735527
Conc: 0.99 ng/ml



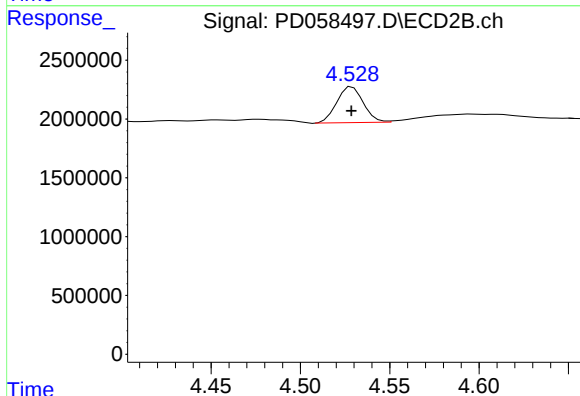
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 2501846
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

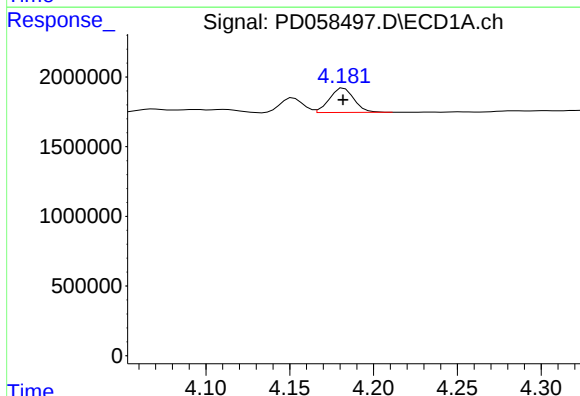
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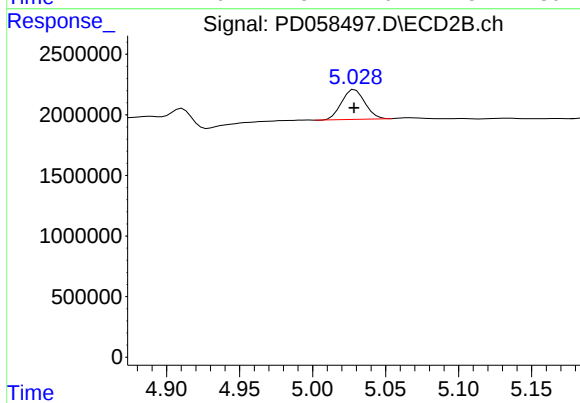
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 3153750
Conc: 0.91 ng/ml



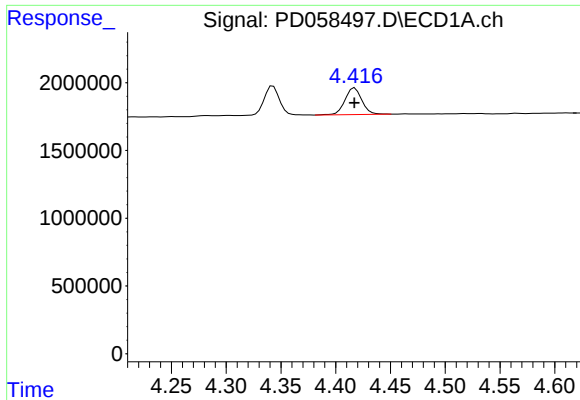
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 1777057
Conc: 0.98 ng/ml



#4 Heptachlor

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 2731106
Conc: 0.87 ng/ml



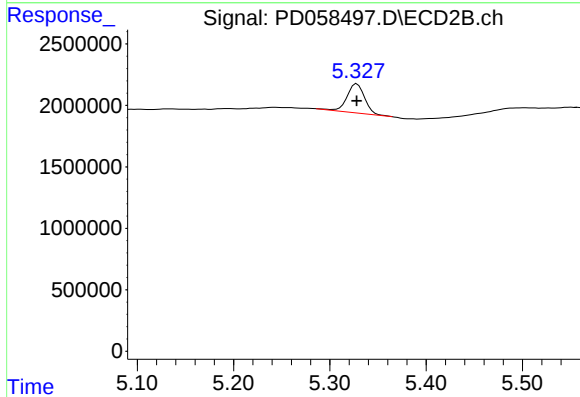
#5 Aldrin

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 2128689
Conc: 0.89 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT3-2020

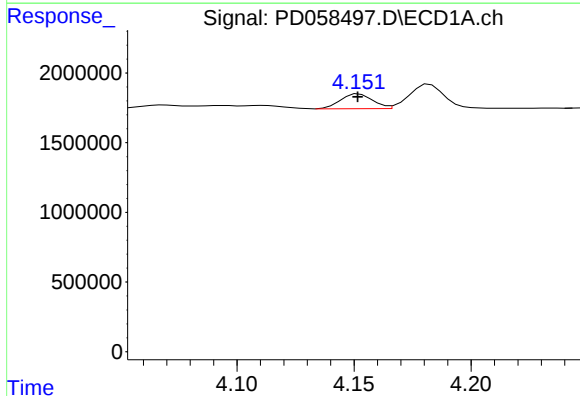
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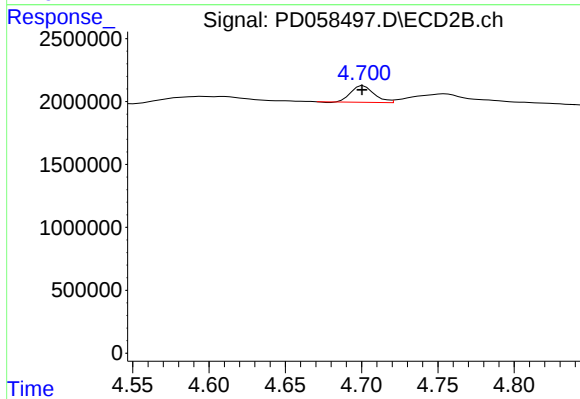
#5 Aldrin

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 2932634
Conc: 0.92 ng/ml



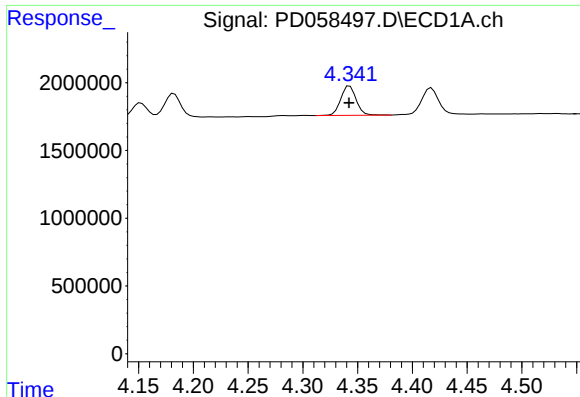
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 1015354
Conc: 0.99 ng/ml



#6 beta-BHC

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 1405119
Conc: 0.99 ng/ml



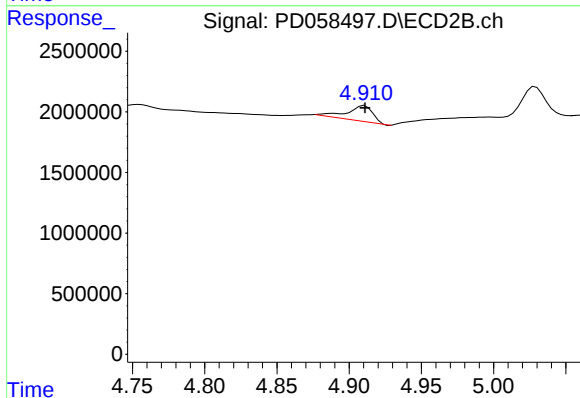
#7 delta-BHC

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 2127012
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

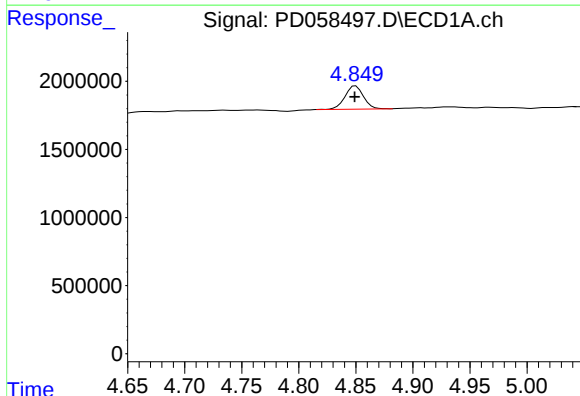
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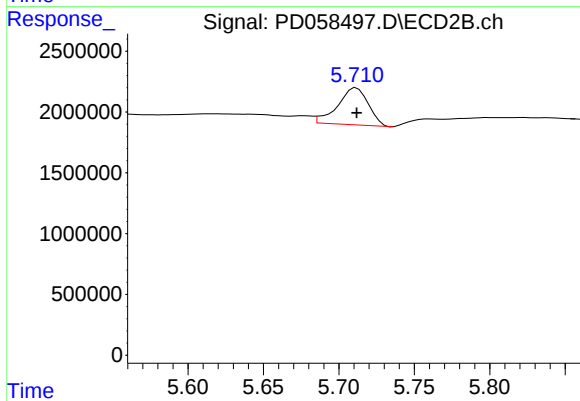
#7 delta-BHC

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 1621581
Conc: 0.53 ng/ml



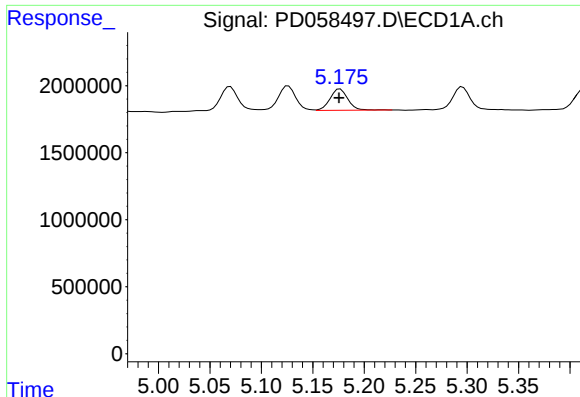
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 1926399
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 4304199
Conc: 1.48 ng/ml



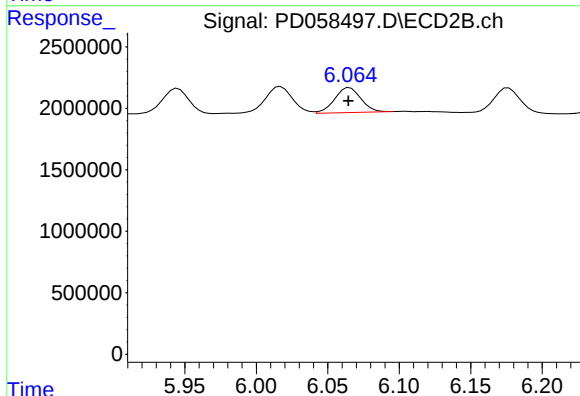
#9 Endosulfan I

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 1926203
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

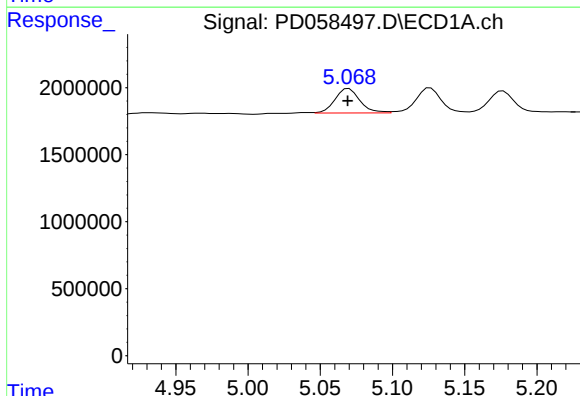
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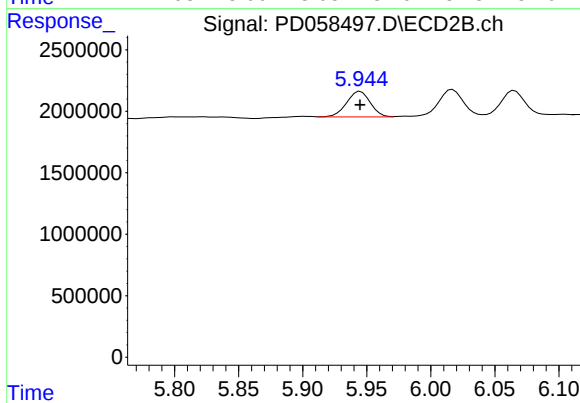
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 2582019
Conc: 0.98 ng/ml



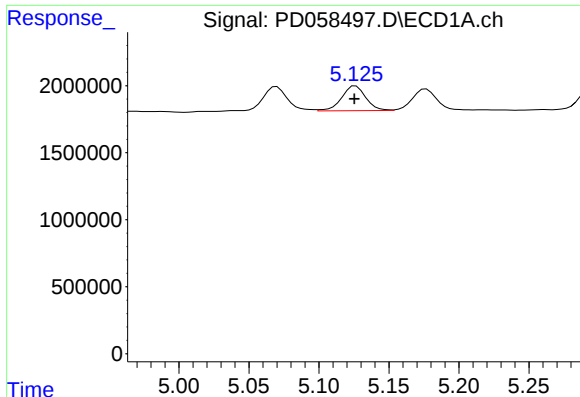
#10 gamma-Chlordane

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2174238
Conc: 0.98 ng/ml m



#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 2655139
Conc: 0.91 ng/ml m



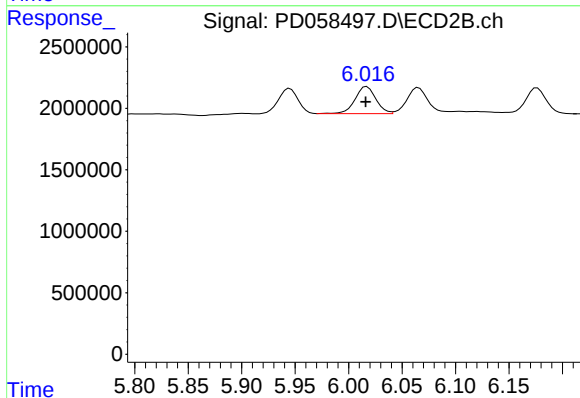
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 2224930
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

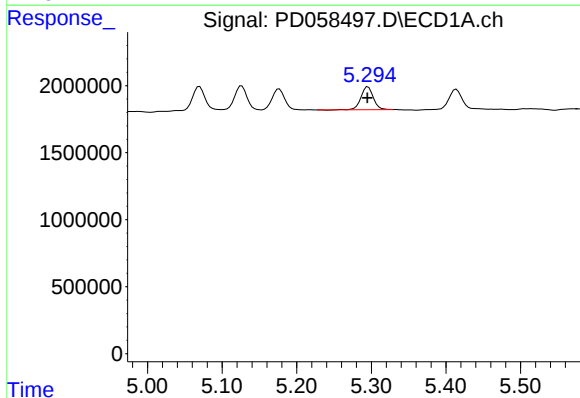
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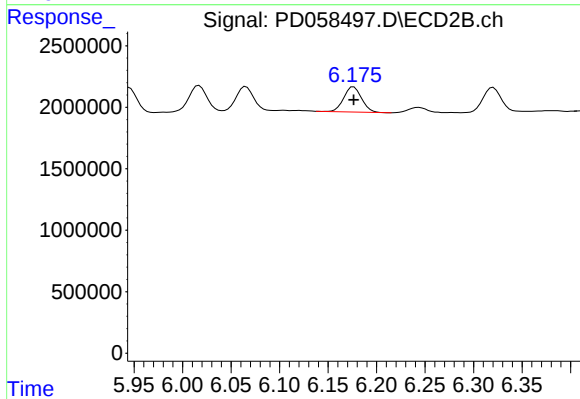
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 3000911
Conc: 1.04 ng/ml m



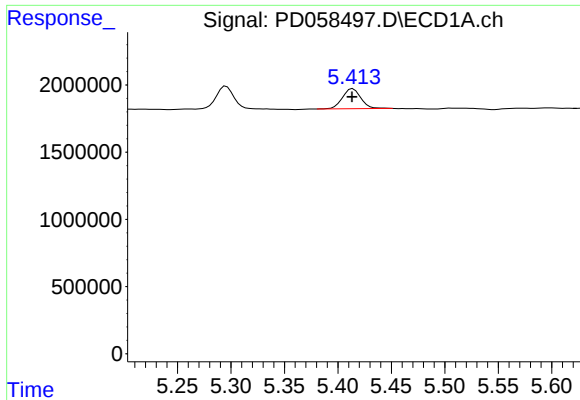
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 1961729
Conc: 0.91 ng/ml



#12 4,4'-DDE

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 2623837
Conc: 0.95 ng/ml



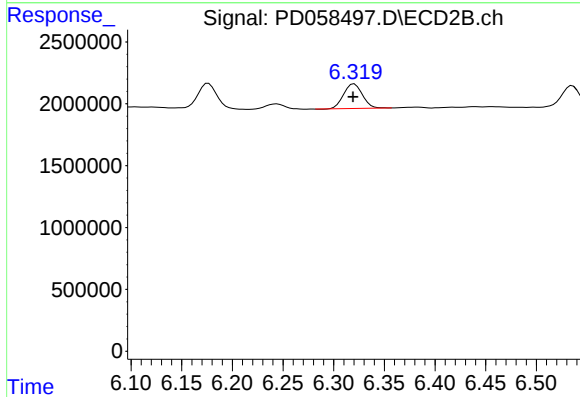
#13 Dieldrin

R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 1814371
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
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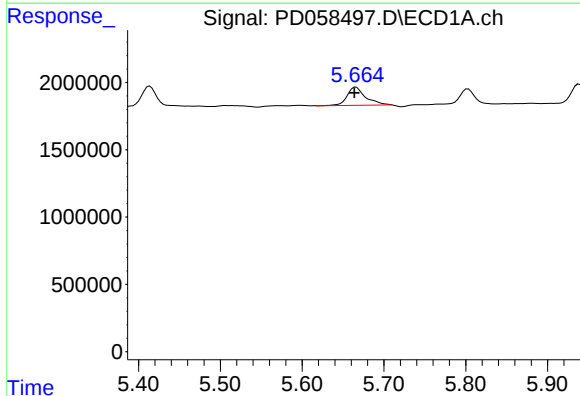
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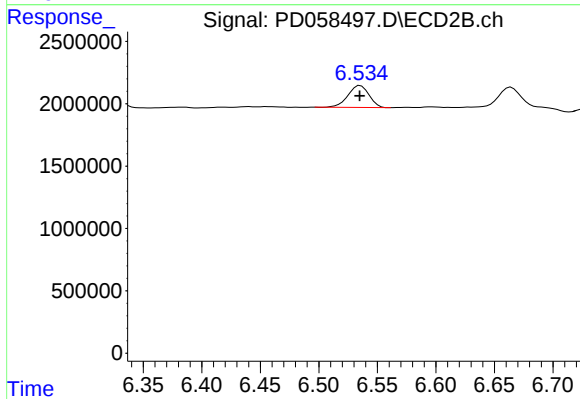
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.001 min
Response: 2548848
Conc: 0.89 ng/ml



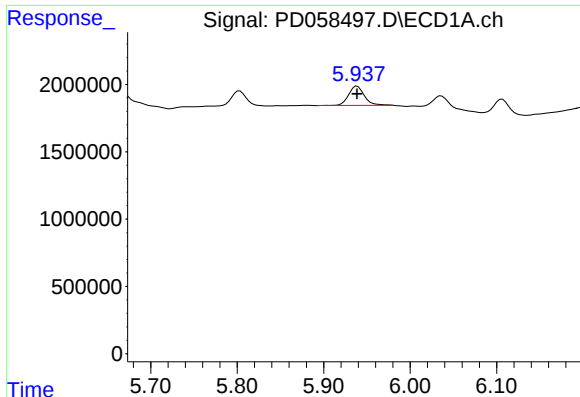
#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 2119791
Conc: 1.49 ng/ml



#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 2216572
Conc: 1.04 ng/ml



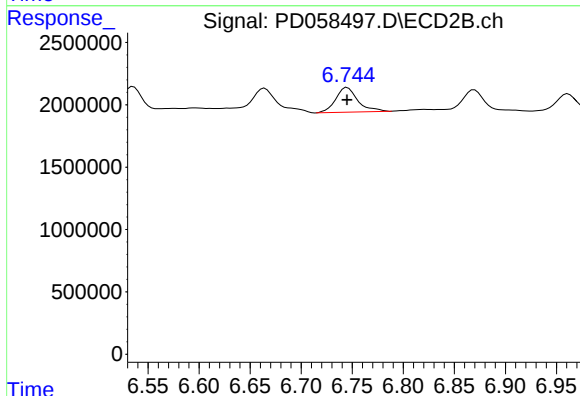
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 1811330
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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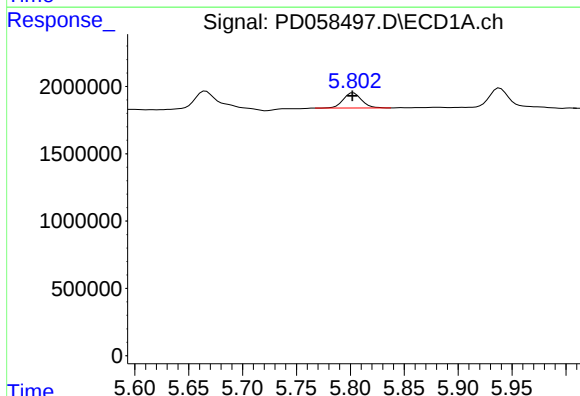
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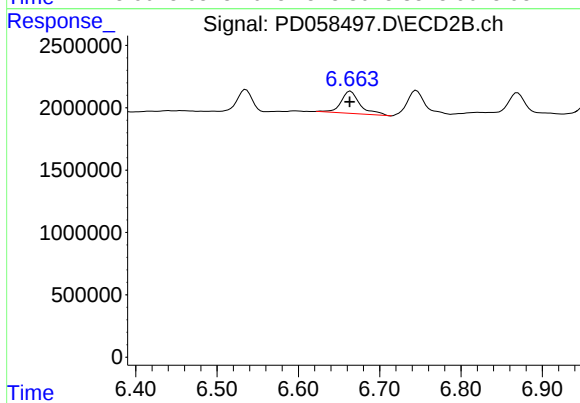
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 2992379
Conc: 1.21 ng/ml



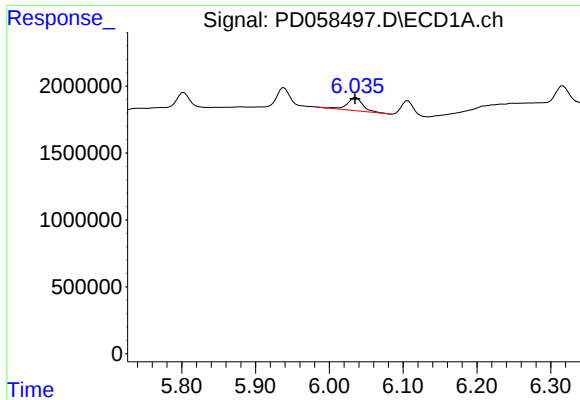
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: 0.001 min
Response: 1350019
Conc: 1.03 ng/ml



#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 2903615
Conc: 1.26 ng/ml



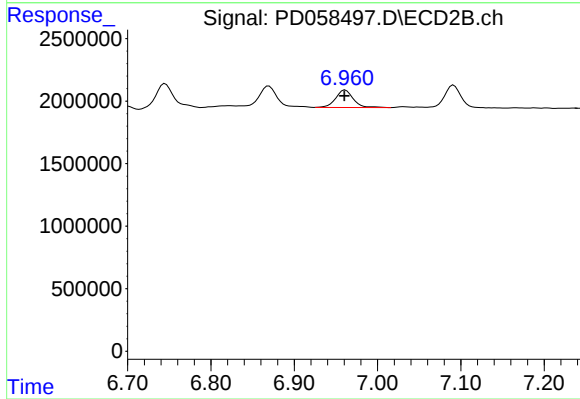
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 1480075
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

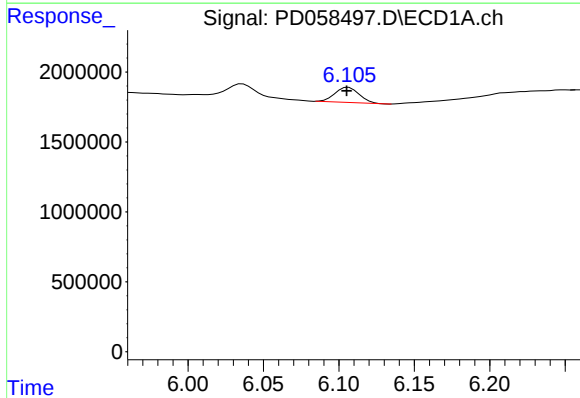
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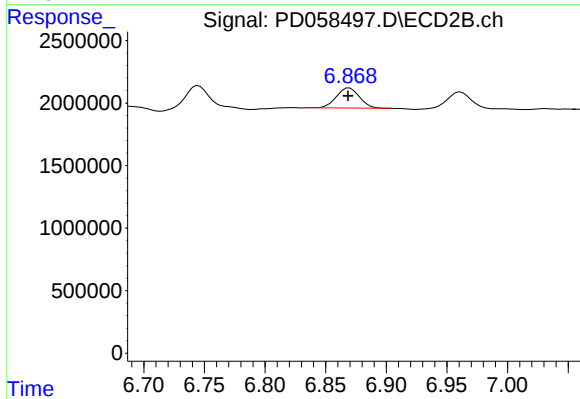
#17 4,4'-DDT

R.T.: 6.961 min
Delta R.T.: 0.001 min
Response: 2050999
Conc: 0.89 ng/ml



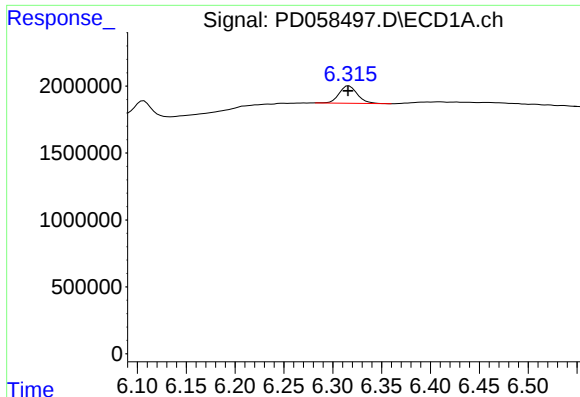
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 1222693
Conc: 0.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.001 min
Response: 2122218
Conc: 0.99 ng/ml



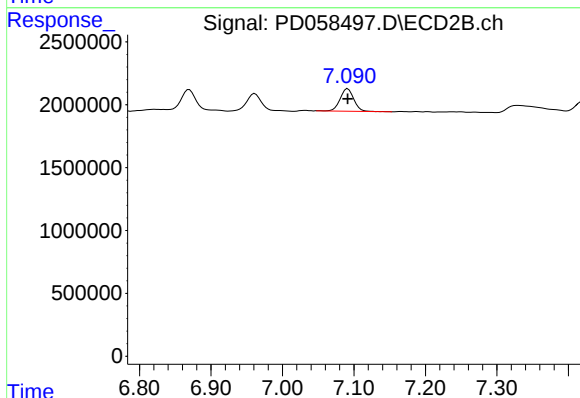
#19 Endosulfan Sulfate

R.T.: 6.317 min
Delta R.T.: 0.001 min
Response: 1689746
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

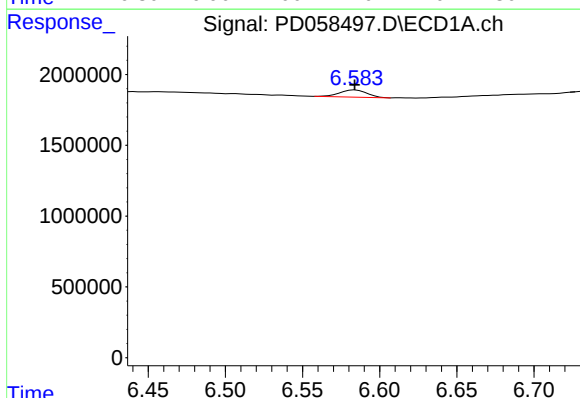
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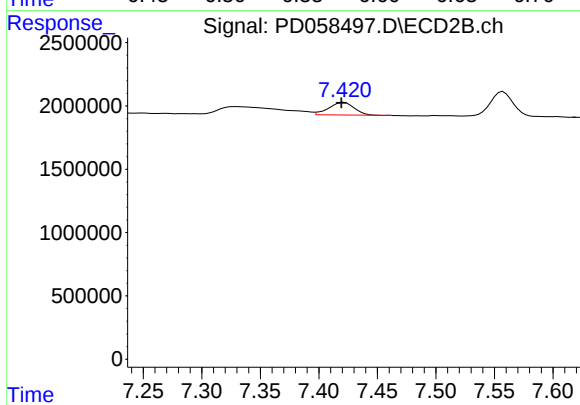
#19 Endosulfan Sulfate

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 2359983
Conc: 1.03 ng/ml



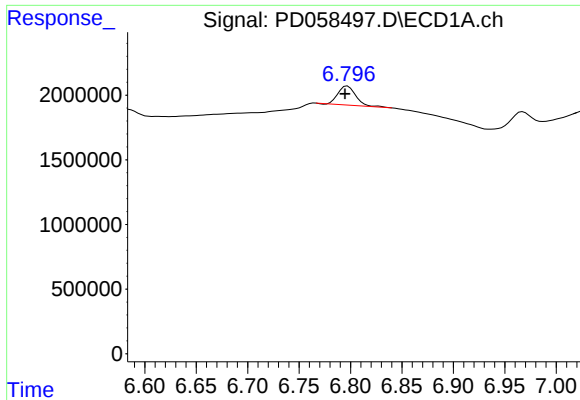
#20 Methoxychlor

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 629360
Conc: 1.07 ng/ml m



#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.002 min
Response: 1497301
Conc: 1.25 ng/ml



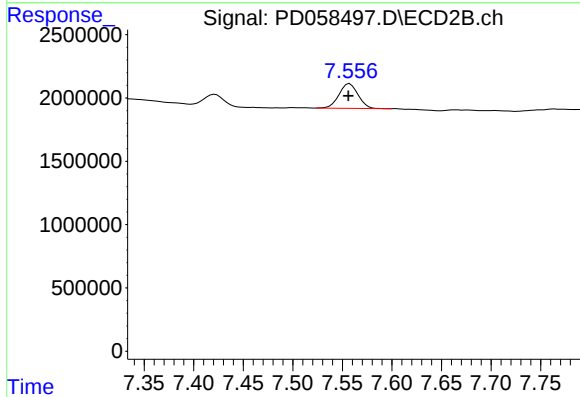
#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 1722818
Conc: 0.94 ng/ml

Instrument :
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ClientSampleId :
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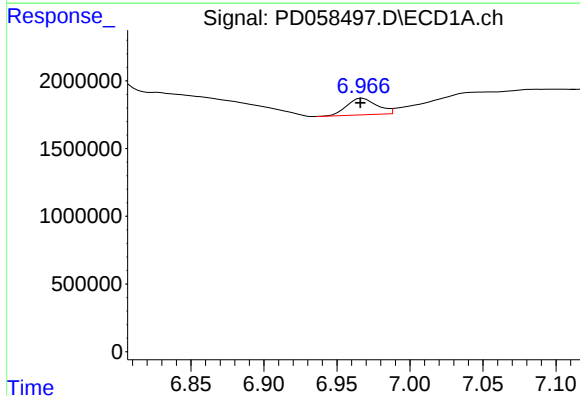
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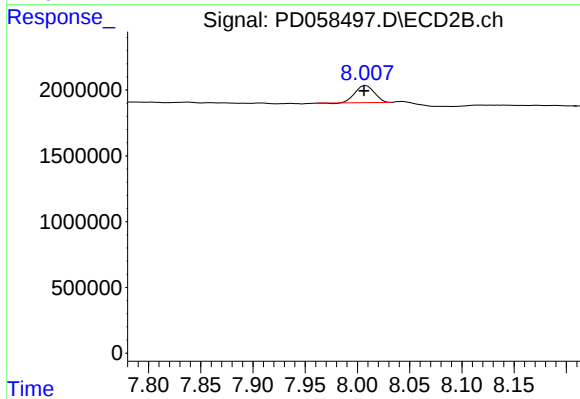
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 2596827
Conc: 0.95 ng/ml



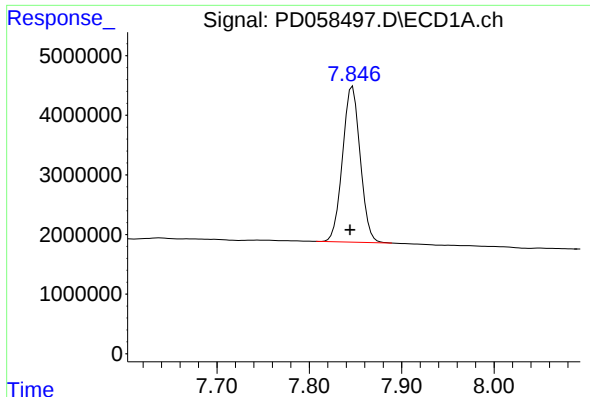
#22 Mirex

R.T.: 6.968 min
Delta R.T.: 0.002 min
Response: 1739595
Conc: 1.15 ng/ml



#22 Mirex

R.T.: 8.008 min
Delta R.T.: 0.002 min
Response: 1664695
Conc: 0.86 ng/ml



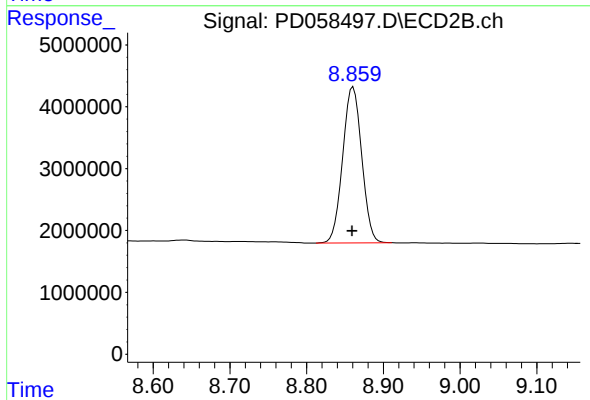
#28 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: 0.003 min
Response: 34703904
Conc: 19.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations
APPROVED

Ankita
7/10/2020 12:31:58 PM



#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.001 min
Response: 43631677
Conc: 20.01 ng/ml