

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071020\
 Data File : PD058554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2020 10:53
 Operator : AJ\MA
 Sample : L3216-03
 Misc : MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:19:14 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...	3.211	3.866	34701093	48274691	19.032	19.538
28)	SA Decachlor...	7.847	8.861	34958928	42249213	19.359	19.378
Target Compounds							
2)	A alpha-BHC	3.633	4.249	2514461	4102580	0.878	1.088
3)	MA gamma-BHC...	3.904	4.529	2844067	3350292	1.111	0.969
4)	MA Heptachlor	4.183	5.030	1906896	2826172	1.052	0.898
5)	MB Aldrin	4.418	5.328	2176942	3812370	0.914	1.202 #
6)	B beta-BHC	4.153	4.701	1152274	1507982	1.125	1.065
7)	B delta-BHC	4.344	4.911	2309096	1646710	0.910	0.535 #
8)	B Heptachlo...	4.850	5.711	2027179	4239505	1.033	1.456m#
9)	A Endosulfan I	5.177	6.066	1906603	2671450	0.962	1.013
10)	B gamma-Chl...	5.071	5.944	2289475	2926045	1.028	1.006m
11)	B alpha-Chl...	5.126	6.018	2246579	3249935	1.015	1.130
12)	B 4,4'-DDE	5.296	6.177	2056746	2716994	0.953	0.989
13)	MA Dieldrin	5.415	6.320	1920405	2645025	1.077	0.926
14)	MA Endrin	5.665	6.535	1976729	1867704	1.388m	0.878 #
15)	B Endosulfa...	5.940	6.746	2074651	3219797	1.150	1.305
16)	A 4,4'-DDD	5.804	6.665	1593039	2767355	1.218	1.200
17)	MA 4,4'-DDT	6.036	6.961	1058870	1750700	0.718m	0.763
18)	B Endrin al...	6.108	6.869	1392097	2542261	1.000	1.189
19)	B Endosulfa...	6.318	7.092	1866604	2504410	1.173	1.092
20)	A Methoxychlor	6.584	7.419	628625	1858933	1.067m	1.546 #
21)	B Endrin ke...	6.797	7.557	2567465	2781217	1.396m	1.022m#
22)	Mirex	6.968	8.009	1405061	1772212	0.933	0.919

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071020\
Data File : PD058554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2020 10:53
Operator : AJ\MA
Sample : L3216-03
Misc : MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

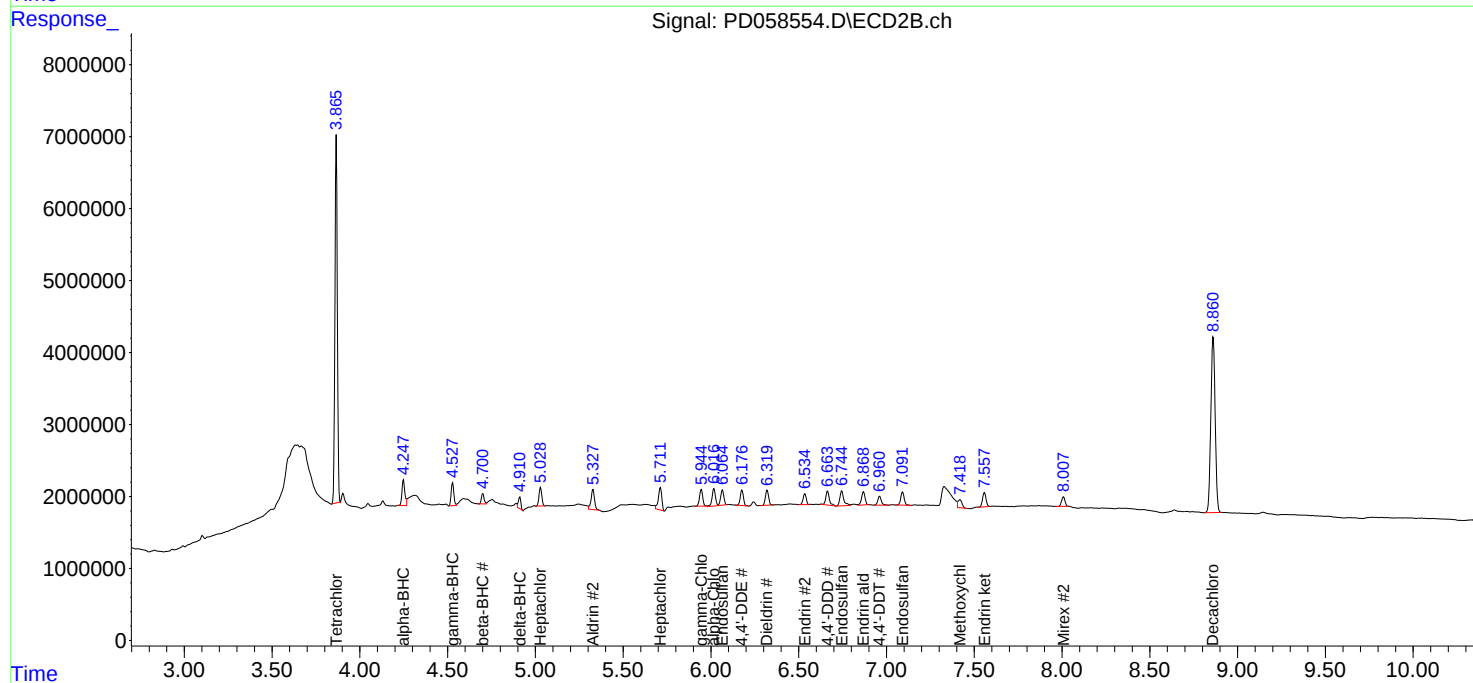
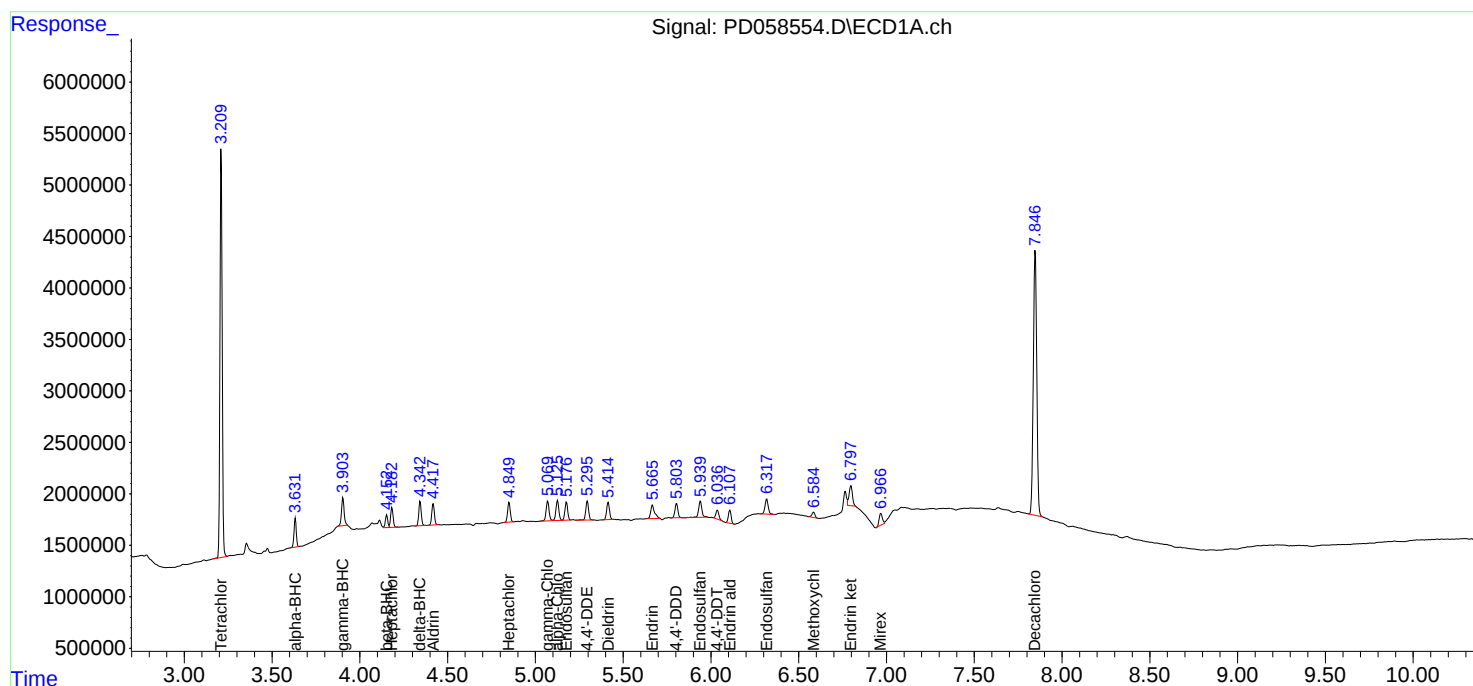
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

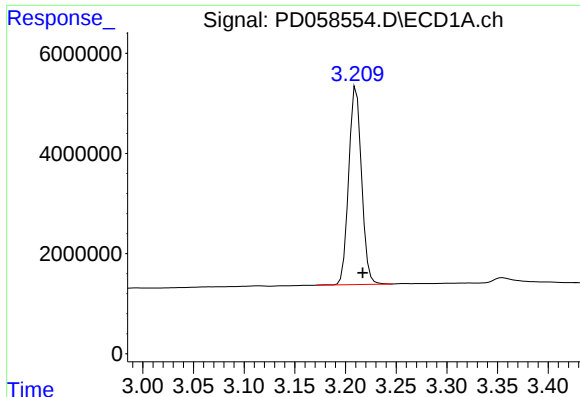
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 13 04:19:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
Quant Title : GC Extractables
QLast Update : Wed Jul 08 08:01:25 2020
Response 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





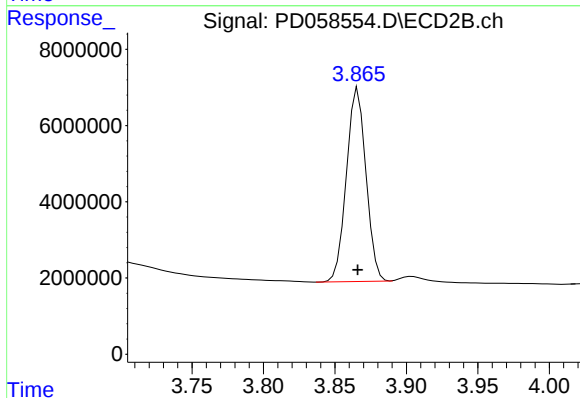
#1 Tetrachloro-m-xylene

R.T.: 3.211 min
Delta R.T.: -0.006 min
Response: 34701093
Conc: 19.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

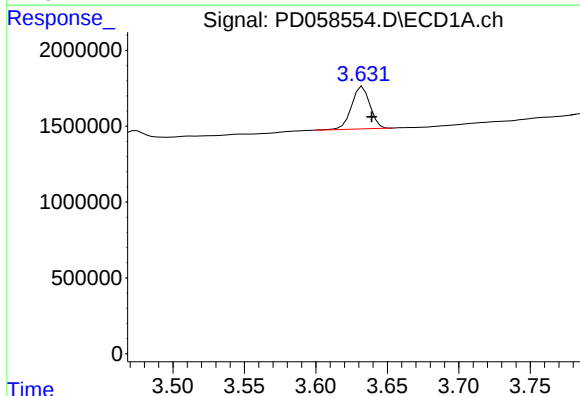
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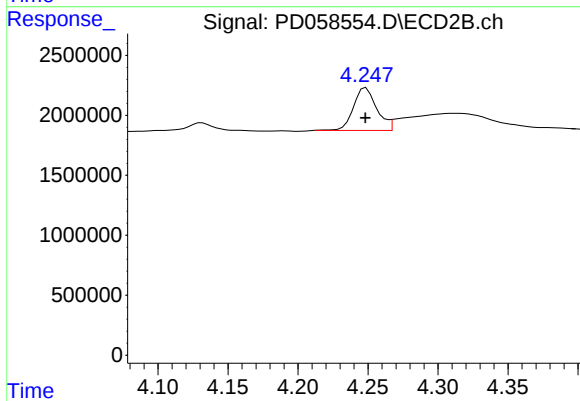
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 48274691
Conc: 19.54 ng/ml



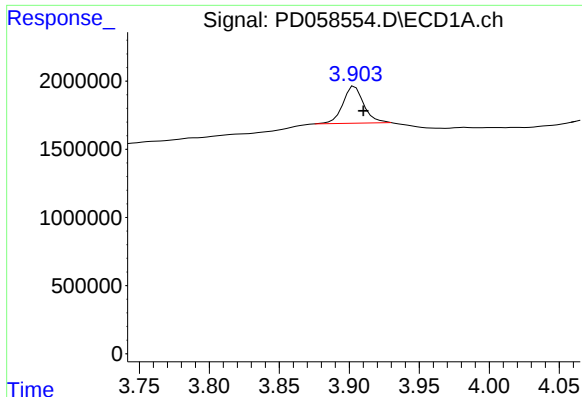
#2 alpha-BHC

R.T.: 3.633 min
Delta R.T.: -0.006 min
Response: 2514461
Conc: 0.88 ng/ml



#2 alpha-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 4102580
Conc: 1.09 ng/ml



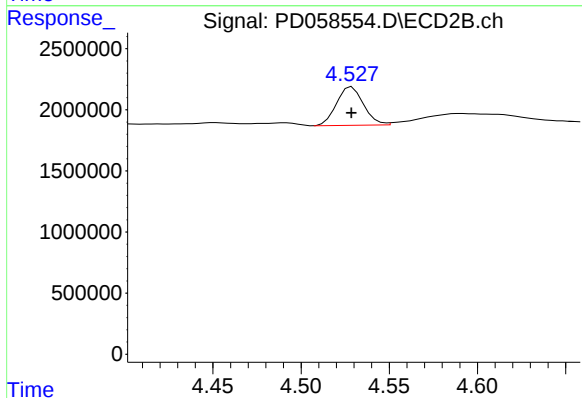
#3 gamma-BHC (Lindane)

R.T.: 3.904 min
Delta R.T.: -0.006 min
Response: 2844067
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

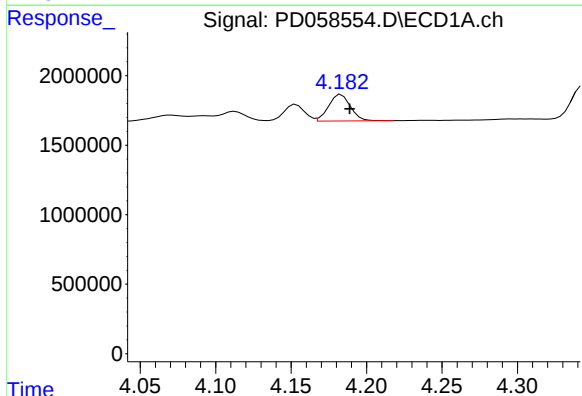
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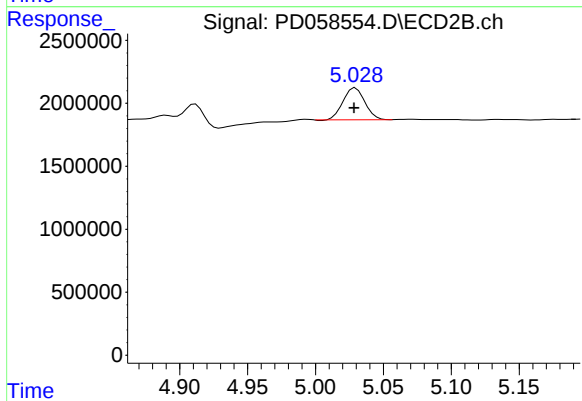
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 3350292
Conc: 0.97 ng/ml



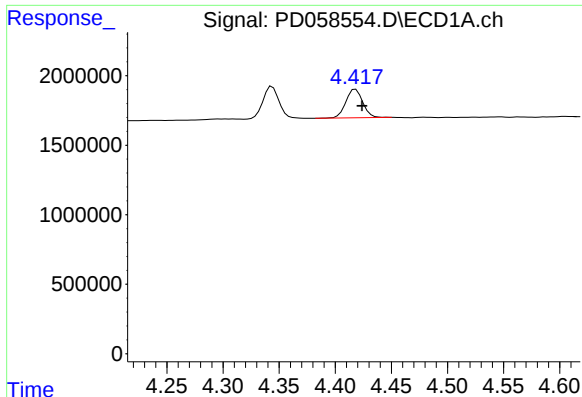
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.006 min
Response: 1906896
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 5.030 min
Delta R.T.: 0.001 min
Response: 2826172
Conc: 0.90 ng/ml



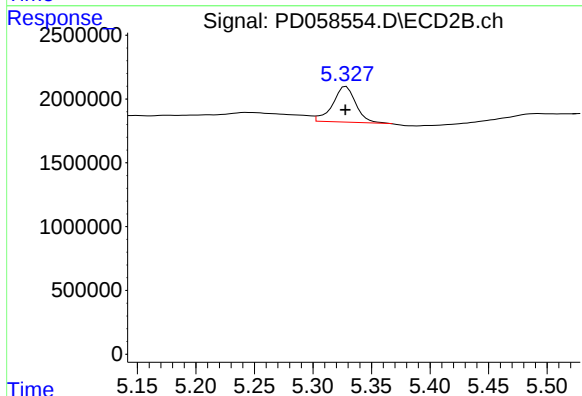
#5 Aldrin

R.T.: 4.418 min
Delta R.T.: -0.006 min
Response: 2176942
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

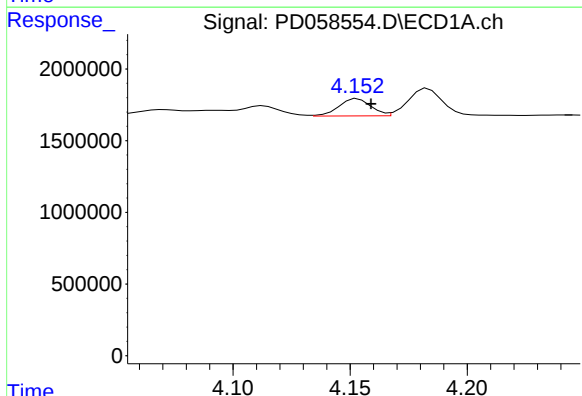
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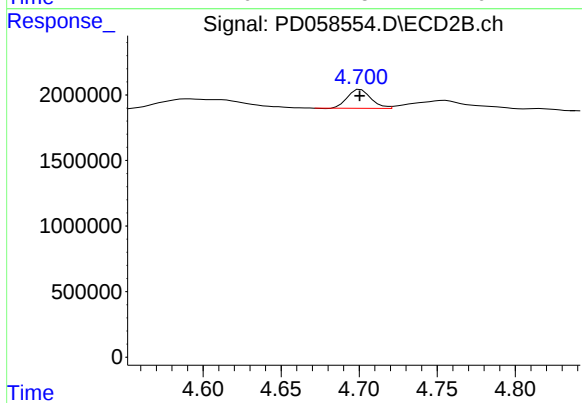
#5 Aldrin

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 3812370
Conc: 1.20 ng/ml



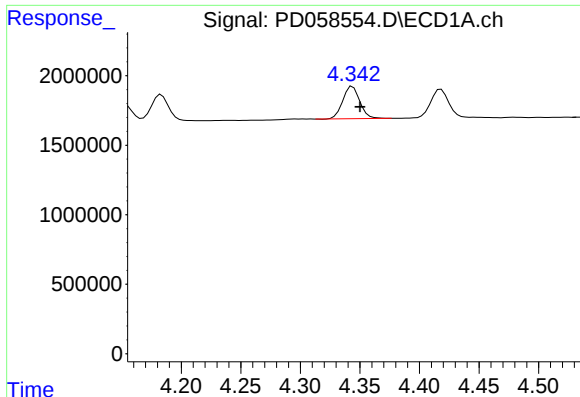
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.006 min
Response: 1152274
Conc: 1.12 ng/ml



#6 beta-BHC

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 1507982
Conc: 1.06 ng/ml



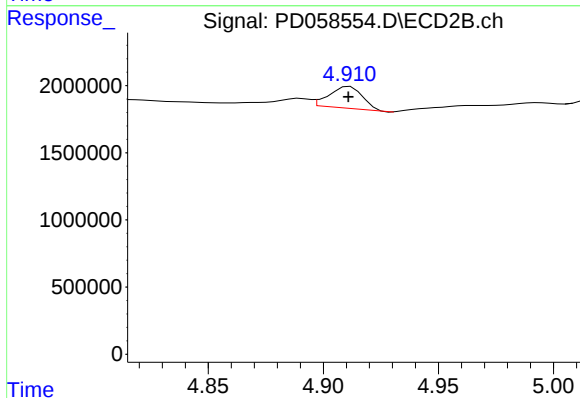
#7 delta-BHC

R.T.: 4.344 min
Delta R.T.: -0.006 min
Response: 2309096
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

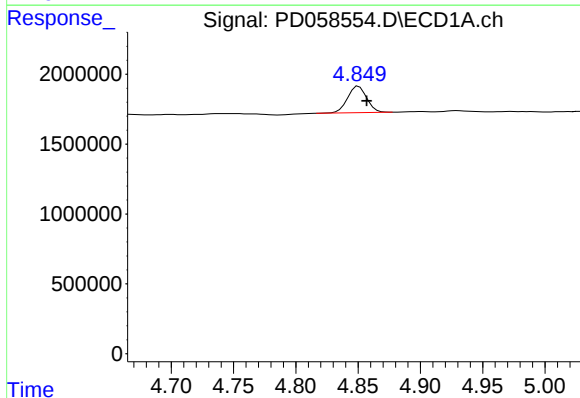
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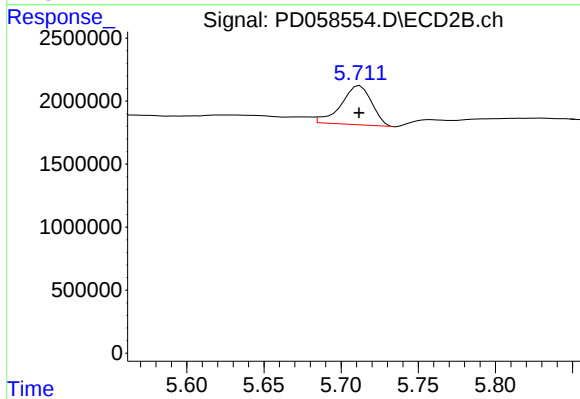
#7 delta-BHC

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 1646710
Conc: 0.54 ng/ml



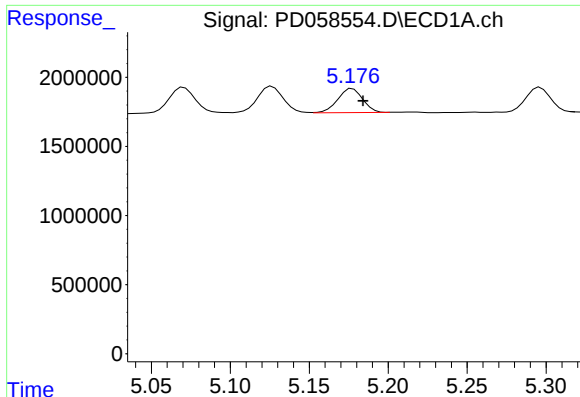
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: -0.007 min
Response: 2027179
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 4239505
Conc: 1.46 ng/ml m



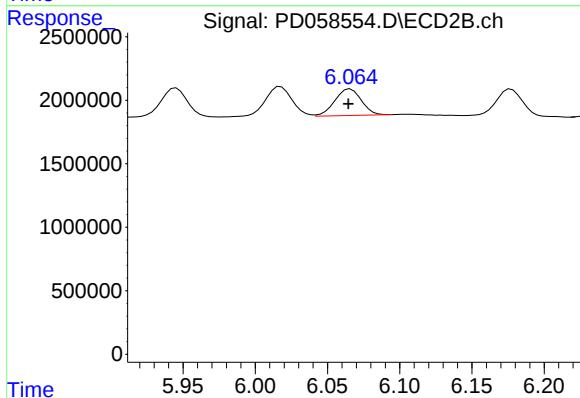
#9 Endosulfan I

R.T.: 5.177 min
Delta R.T.: -0.007 min
Response: 1906603
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

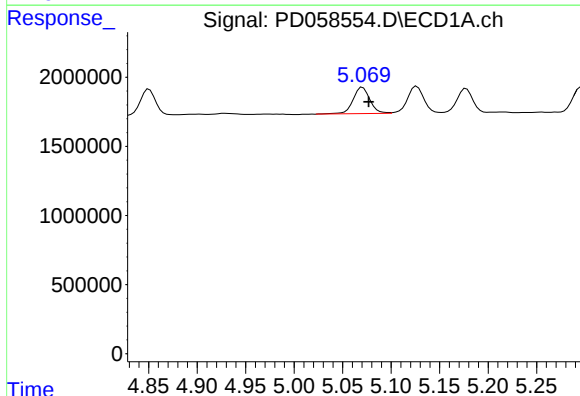
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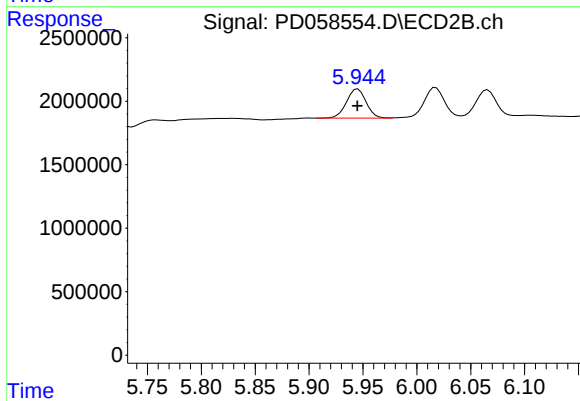
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.001 min
Response: 2671450
Conc: 1.01 ng/ml



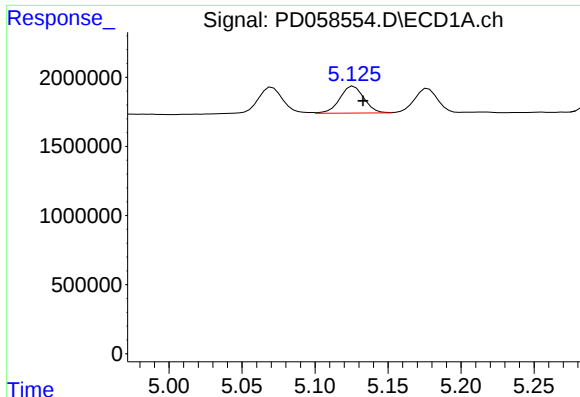
#10 gamma-Chlordane

R.T.: 5.071 min
Delta R.T.: -0.006 min
Response: 2289475
Conc: 1.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 2926045
Conc: 1.01 ng/ml m



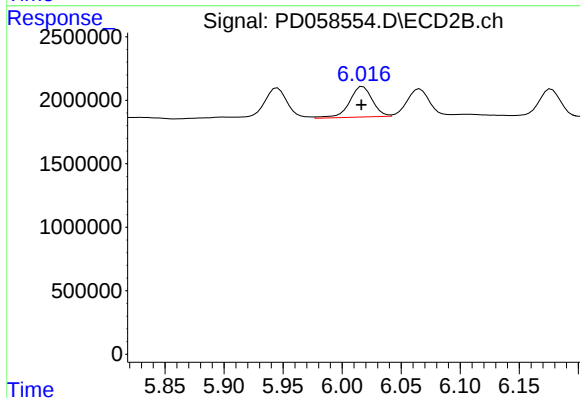
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.007 min
Response: 2246579
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

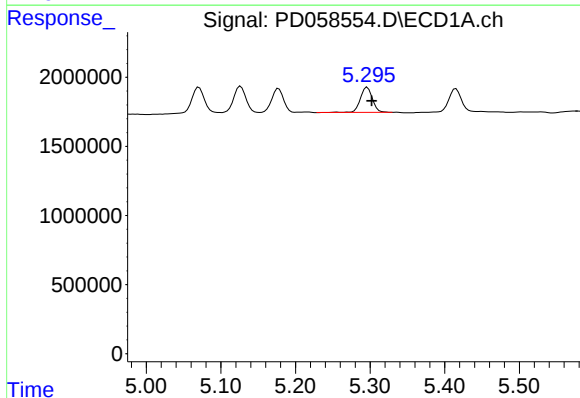
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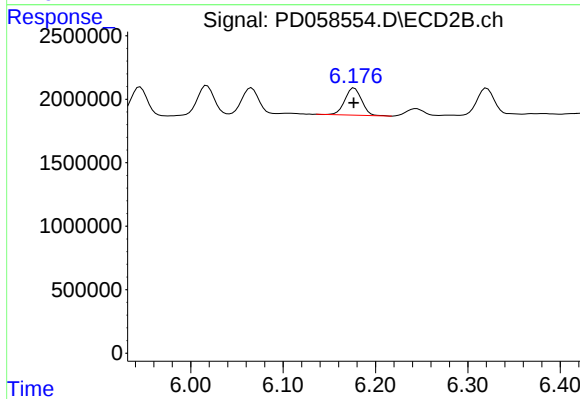
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.001 min
Response: 3249935
Conc: 1.13 ng/ml



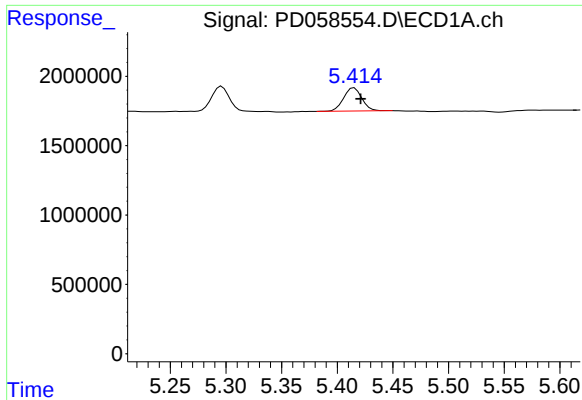
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 2056746
Conc: 0.95 ng/ml



#12 4,4'-DDE

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2716994
Conc: 0.99 ng/ml



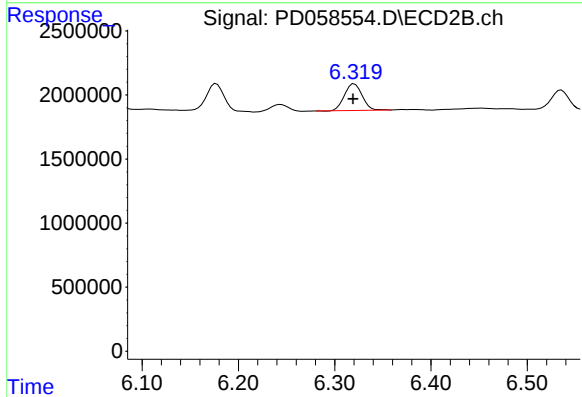
#13 Dieldrin

R.T.: 5.415 min
Delta R.T.: -0.006 min
Response: 1920405
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

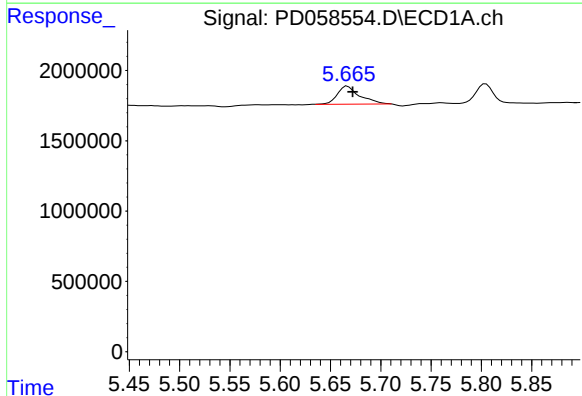
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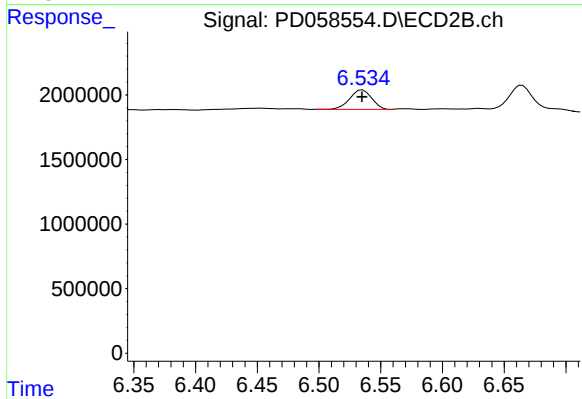
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.001 min
Response: 2645025
Conc: 0.93 ng/ml



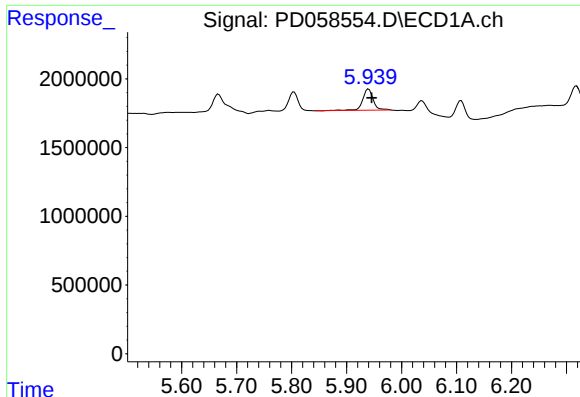
#14 Endrin

R.T.: 5.665 min
Delta R.T.: -0.007 min
Response: 1976729
Conc: 1.39 ng/ml m



#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 1867704
Conc: 0.88 ng/ml



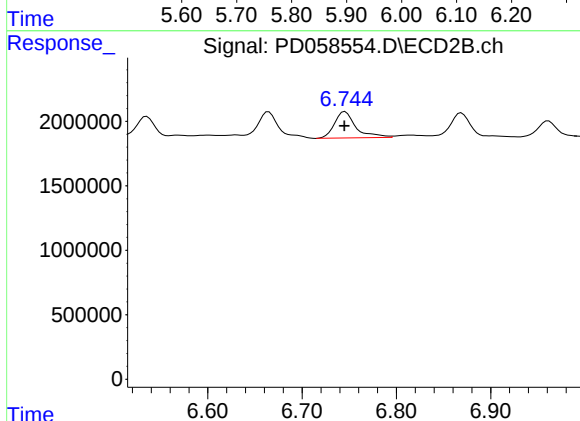
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.006 min
Response: 2074651
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

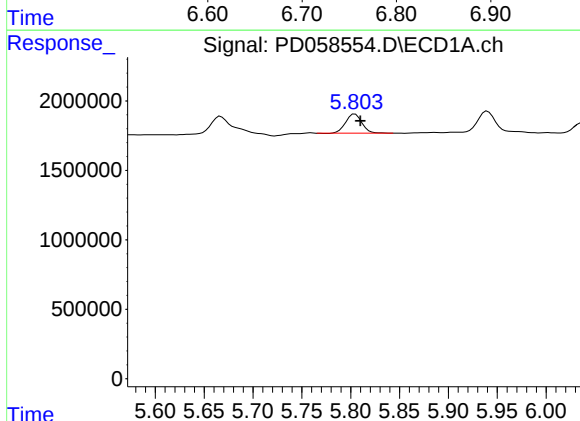
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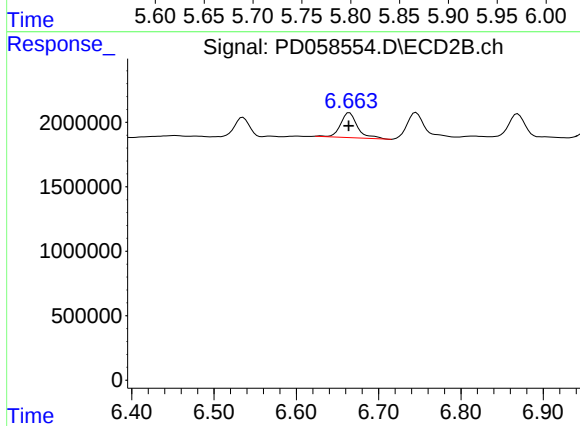
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 3219797
Conc: 1.30 ng/ml



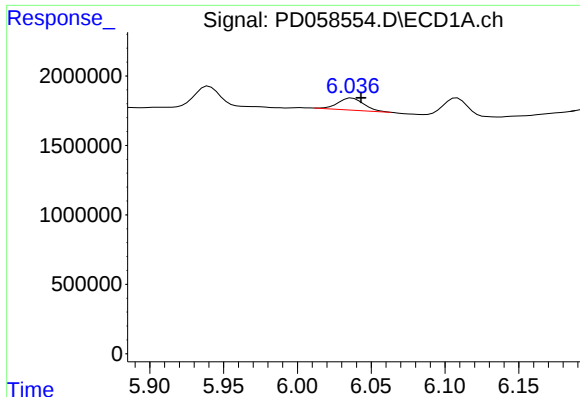
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.006 min
Response: 1593039
Conc: 1.22 ng/ml



#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.001 min
Response: 2767355
Conc: 1.20 ng/ml



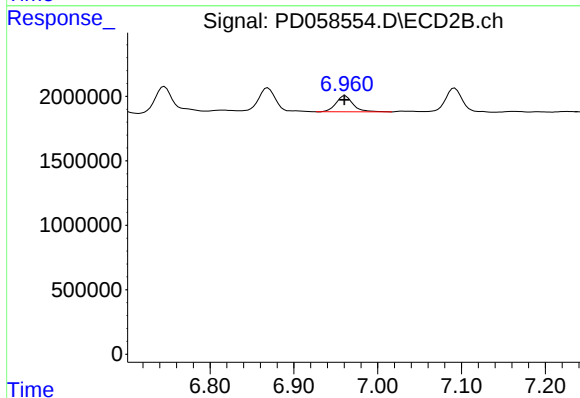
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 1058870
Conc: 0.72 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

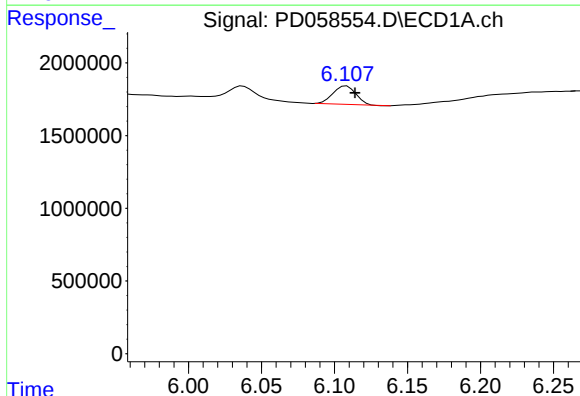
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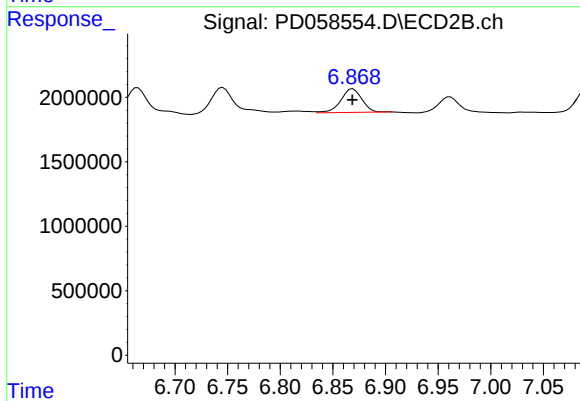
#17 4,4'-DDT

R.T.: 6.961 min
Delta R.T.: 0.001 min
Response: 1750700
Conc: 0.76 ng/ml



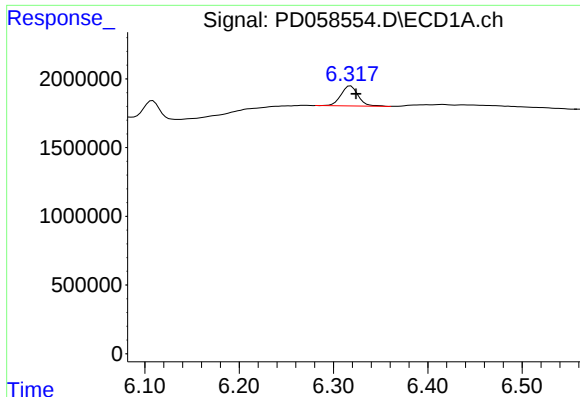
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 1392097
Conc: 1.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 2542261
Conc: 1.19 ng/ml



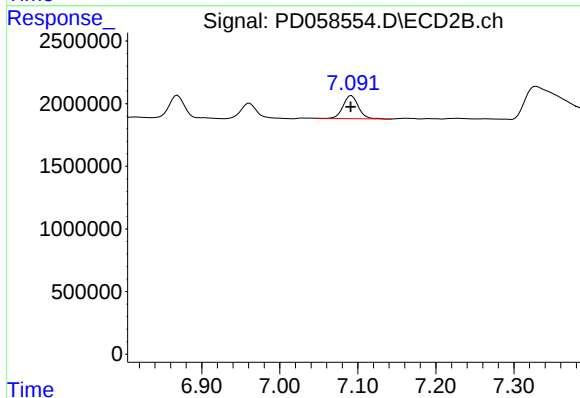
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 1866604
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

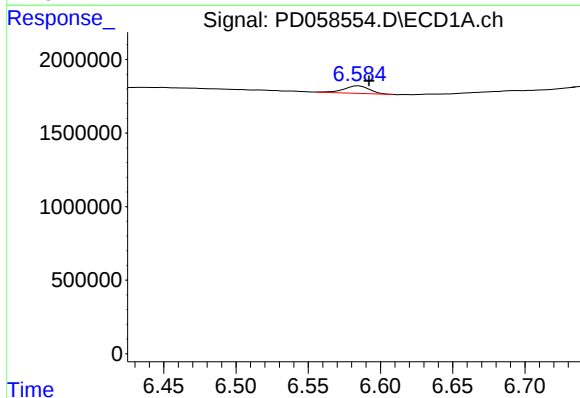
Manual Integrations
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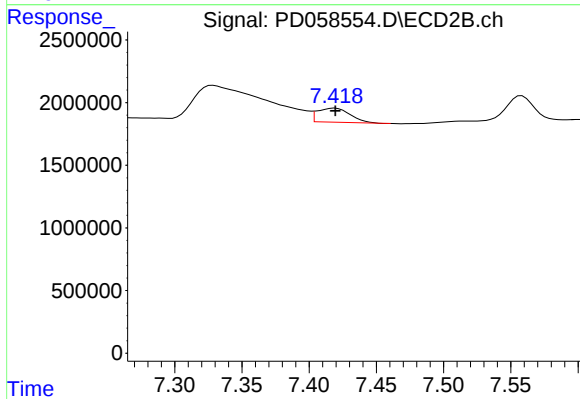
#19 Endosulfan Sulfate

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 2504410
Conc: 1.09 ng/ml



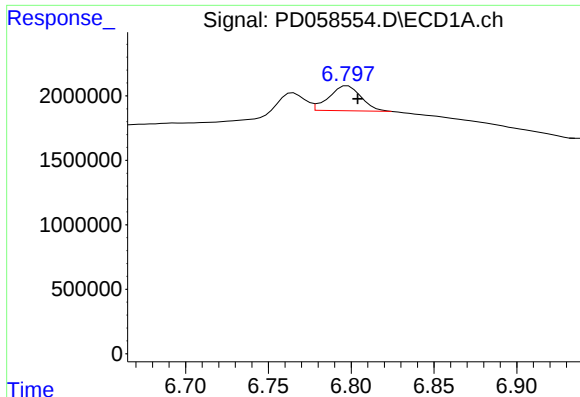
#20 Methoxychlor

R.T.: 6.584 min
Delta R.T.: -0.008 min
Response: 628625
Conc: 1.07 ng/ml m



#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 1858933
Conc: 1.55 ng/ml



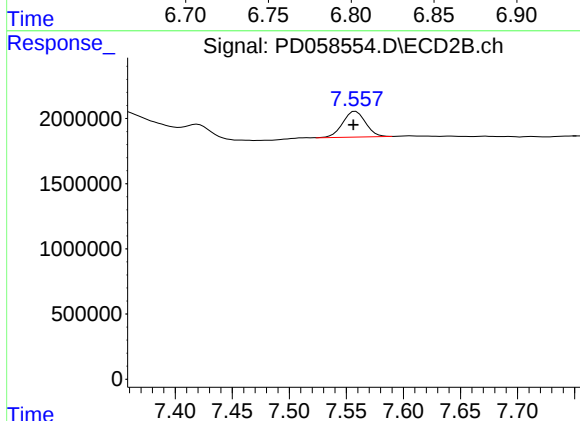
#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: -0.007 min
Response: 2567465
Conc: 1.40 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

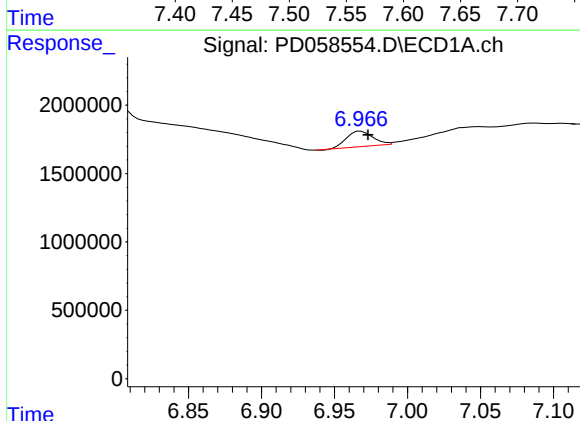
Manual Integrations
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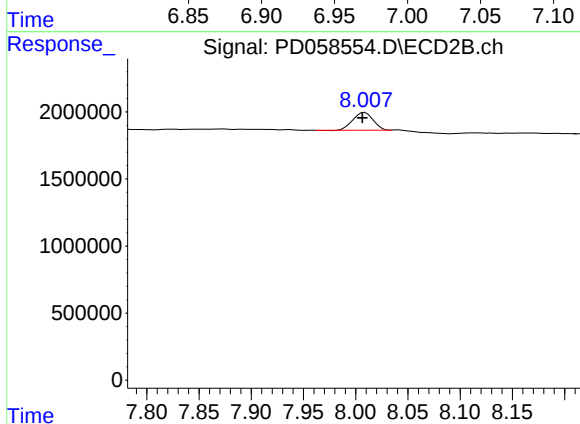
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 2781217
Conc: 1.02 ng/ml m



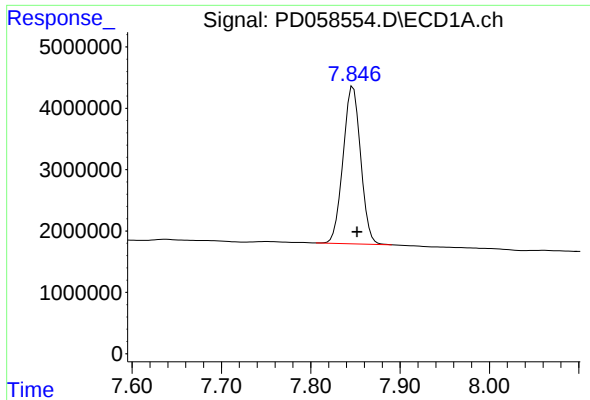
#22 Mirex

R.T.: 6.968 min
Delta R.T.: -0.005 min
Response: 1405061
Conc: 0.93 ng/ml



#22 Mirex

R.T.: 8.009 min
Delta R.T.: 0.002 min
Response: 1772212
Conc: 0.92 ng/ml



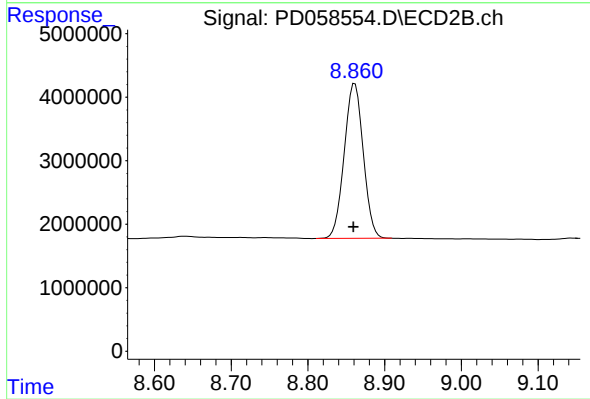
#28 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: -0.005 min
Response: 34958928
Conc: 19.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2020

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 42249213
Conc: 19.38 ng/ml