

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070920\
 Data File : PD058499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2020 10:56
 Operator : AJ\MA
 Sample : L3216-02
 Misc : LOQ 5 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:17:29 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	3.867	33026004	45445134	18.113	18.393
28)	SA Decachlor...	7.846	8.860	34025740	42291763	18.842	19.397
Target Compounds							
2)	A alpha-BHC	3.633	4.249	11092739	14109789	3.874	3.743
3)	MA gamma-BHC...	3.904	4.529	10452359	13605649	4.082	3.936
4)	MA Heptachlor	4.183	5.029	8041760	13231053	4.435	4.203
5)	MB Aldrin	4.417	5.329	9482349	12941373	3.981	4.081
6)	B beta-BHC	4.153	4.701	4418845	5926880	4.313	4.185
7)	B delta-BHC	4.343	4.912	9565528	11070970	3.772	3.600
8)	B Heptachlo...	4.851	5.713	8562060	12918950	4.363	4.438
9)	A Endosulfan I	5.177	6.065	8429822	11392210	4.254	4.321
10)	B gamma-Chl...	5.070	5.945	9204941	12377891	4.135	4.254
11)	B alpha-Chl...	5.127	6.017	9288496	12384945	4.195	4.306
12)	B 4,4'-DDE	5.296	6.177	8620687	11381765	3.994	4.141
13)	MA Dieldrin	5.415	6.320	8025117	11801934	4.500	4.131
14)	MA Endrin	5.666	6.536	7768593	10229557	5.455	4.806
15)	B Endosulfa...	5.939	6.746	7857980	11617759	4.355	4.708
16)	A 4,4'-DDD	5.804	6.664	6097190	10468461	4.661	4.540
17)	MA 4,4'-DDT	6.037	6.961	6030156	9168945	4.091	3.996
18)	B Endrin al...	6.107	6.868	6202399	9467850	4.453	4.427m
19)	B Endosulfa...	6.318	7.091	7225503	10205435	4.541	4.451
20)	A Methoxychlor	6.585	7.421	2898259	5538887	4.920	4.607
21)	B Endrin ke...	6.797	7.557	8659009	11651705	4.707	4.281
22)	Mirex	6.967	8.008	6398503	9057136	4.248	4.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070920\
Data File : PD058499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2020 10:56
Operator : AJ\MA
Sample : L3216-02
Misc : LOQ 5 PPB
ALS Vial : 10 Sample Multiplier: 1

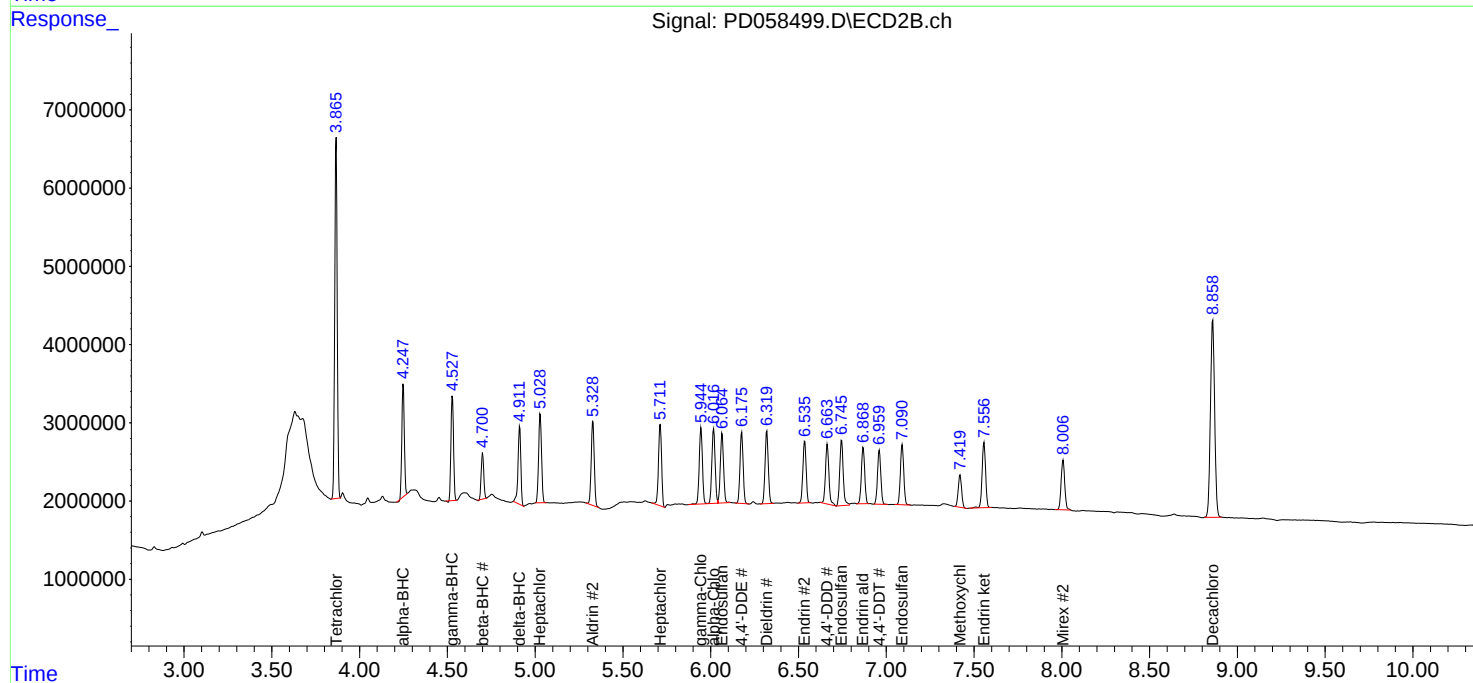
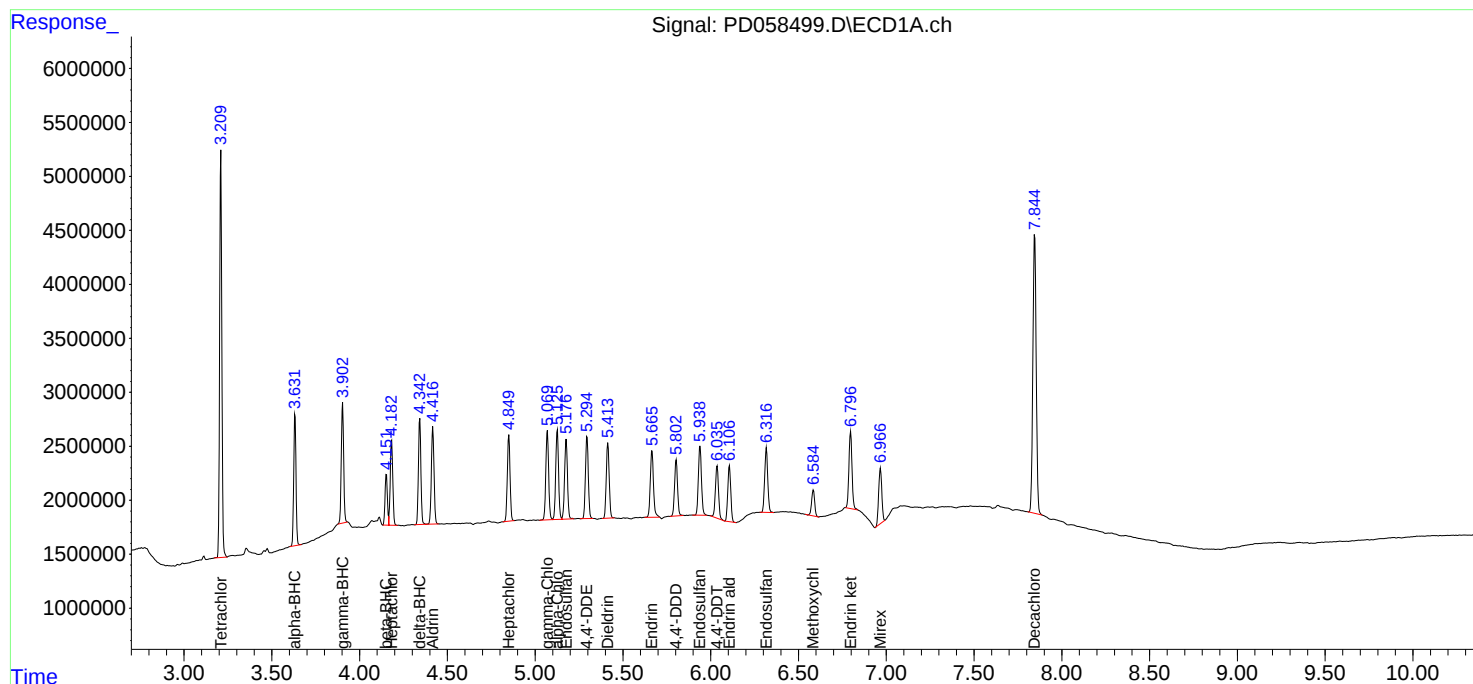
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

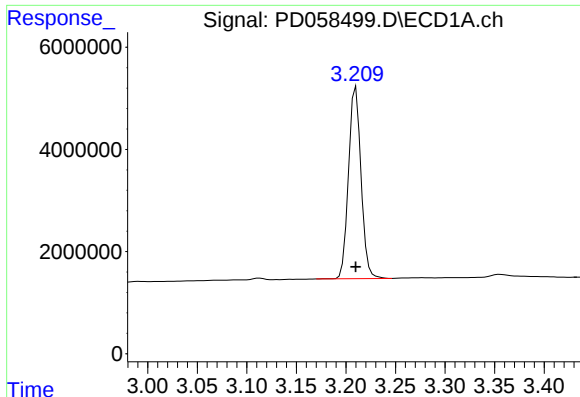
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:17:29 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
Quant Title : GC Extractables
QLast Update : Wed Jul 08 08:01:25 2020
Response via : Initial Calibration
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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





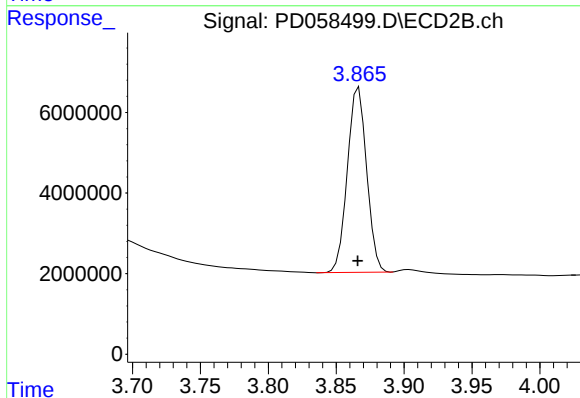
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 33026004
Conc: 18.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

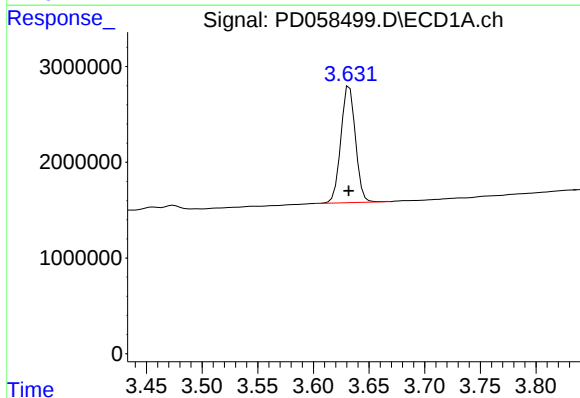
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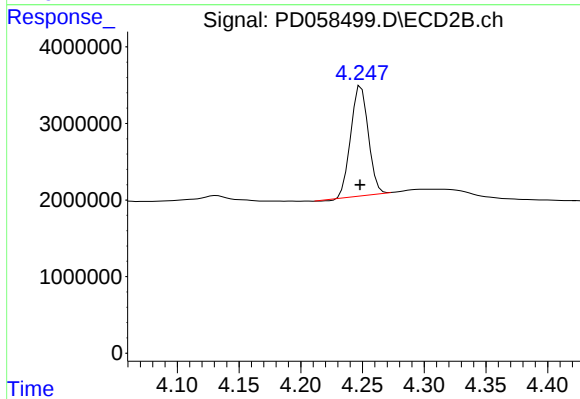
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 45445134
Conc: 18.39 ng/ml



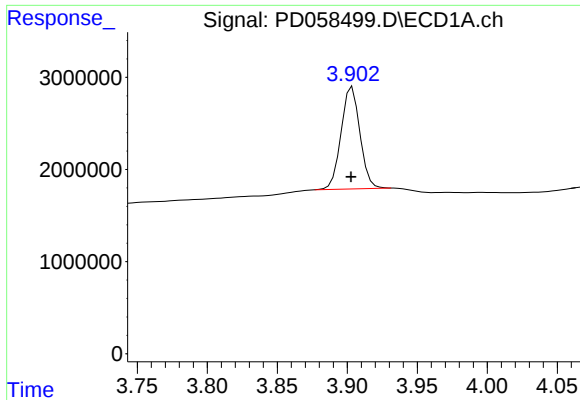
#2 alpha-BHC

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 11092739
Conc: 3.87 ng/ml



#2 alpha-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 14109789
Conc: 3.74 ng/ml



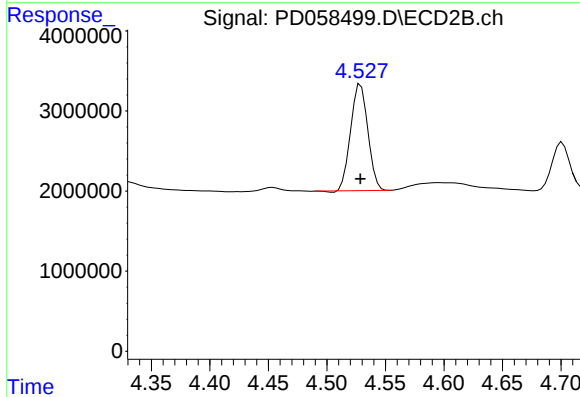
#3 gamma-BHC (Lindane)

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 10452359
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

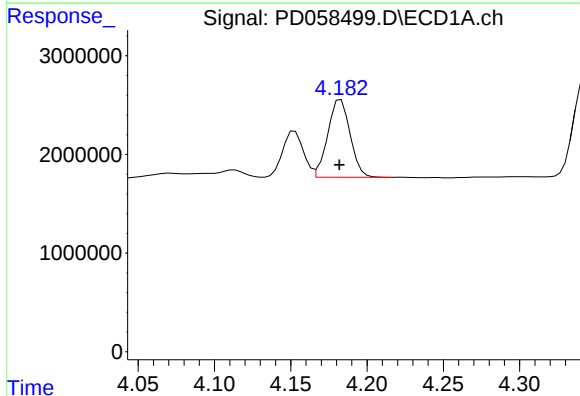
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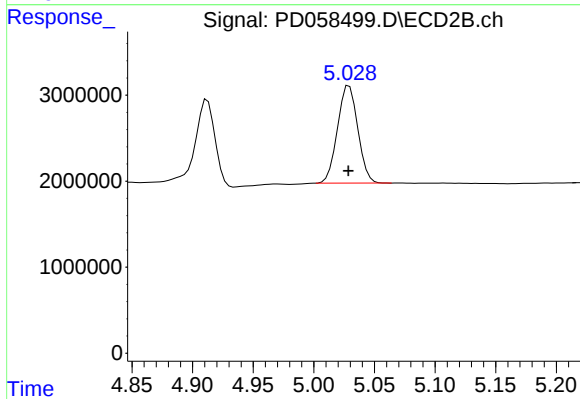
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 13605649
Conc: 3.94 ng/ml



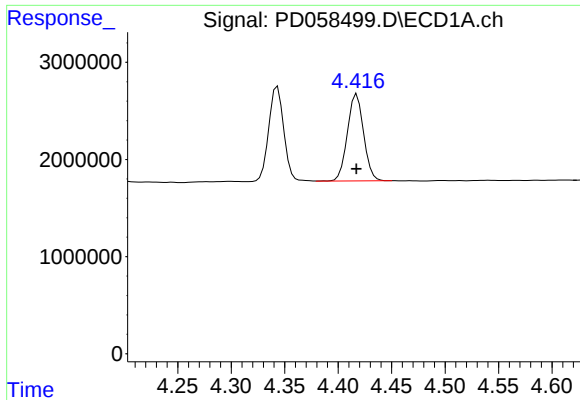
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: 0.001 min
Response: 8041760
Conc: 4.44 ng/ml



#4 Heptachlor

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 13231053
Conc: 4.20 ng/ml



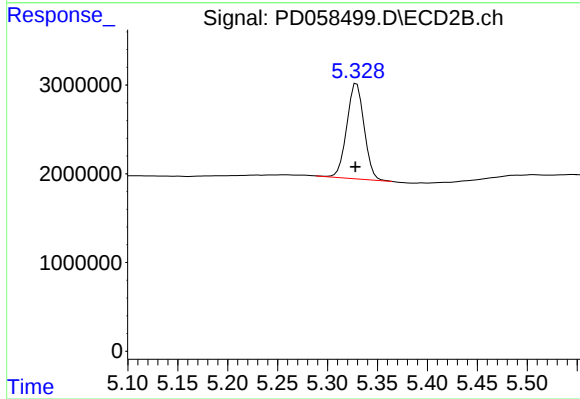
#5 Aldrin

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 9482349
Conc: 3.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

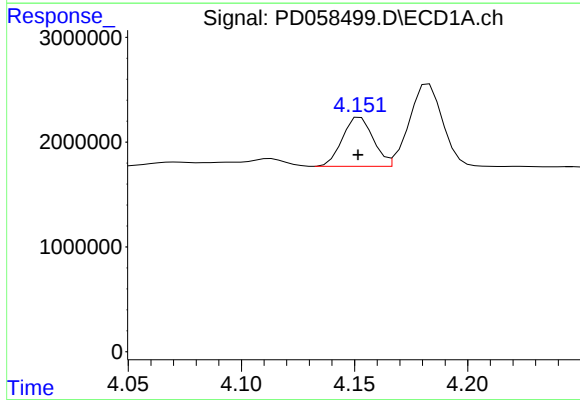
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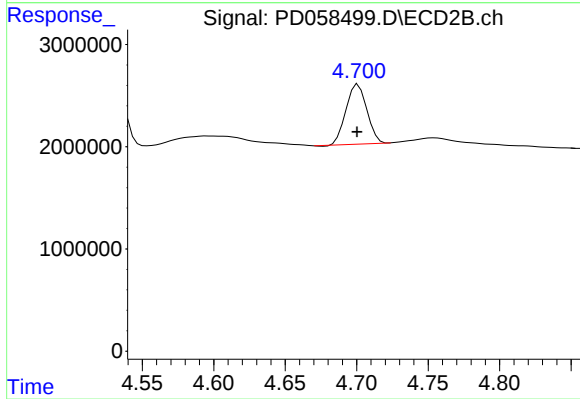
#5 Aldrin

R.T.: 5.329 min
Delta R.T.: 0.001 min
Response: 12941373
Conc: 4.08 ng/ml



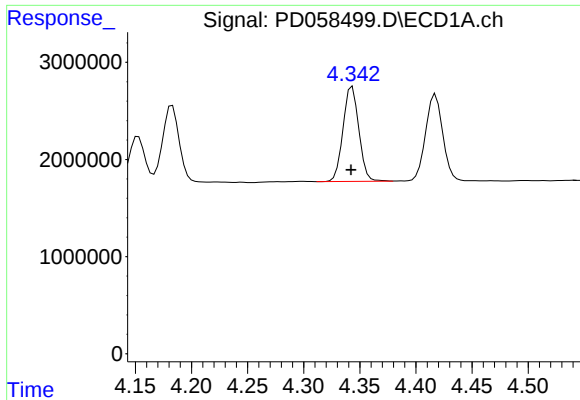
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: 0.001 min
Response: 4418845
Conc: 4.31 ng/ml



#6 beta-BHC

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 5926880
Conc: 4.18 ng/ml



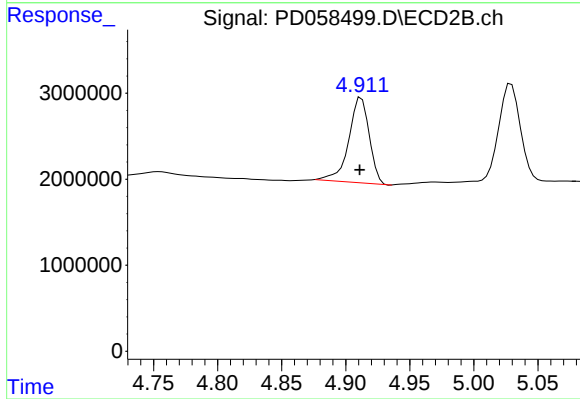
#7 delta-BHC

R.T.: 4.343 min
Delta R.T.: 0.001 min
Response: 9565528
Conc: 3.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

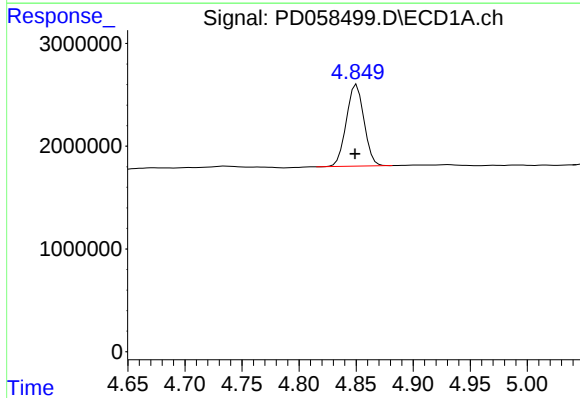
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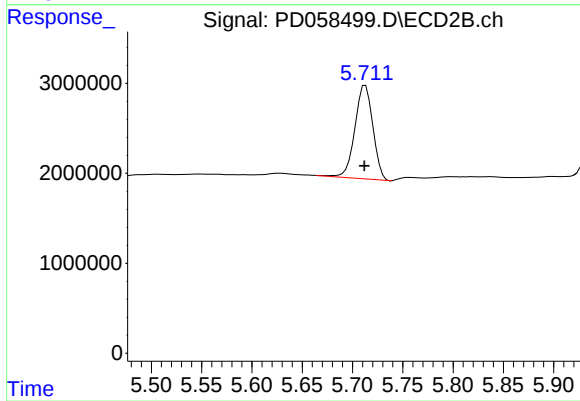
#7 delta-BHC

R.T.: 4.912 min
Delta R.T.: 0.001 min
Response: 11070970
Conc: 3.60 ng/ml



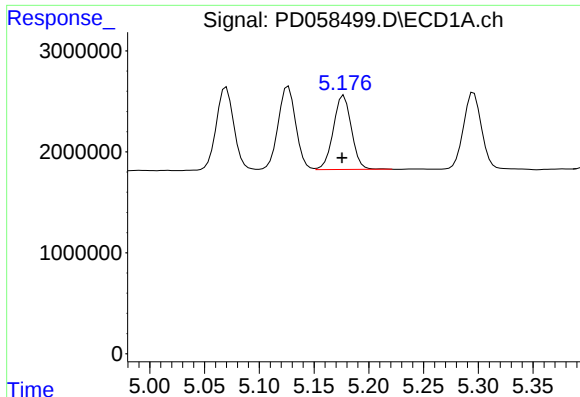
#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 8562060
Conc: 4.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: 0.001 min
Response: 12918950
Conc: 4.44 ng/ml



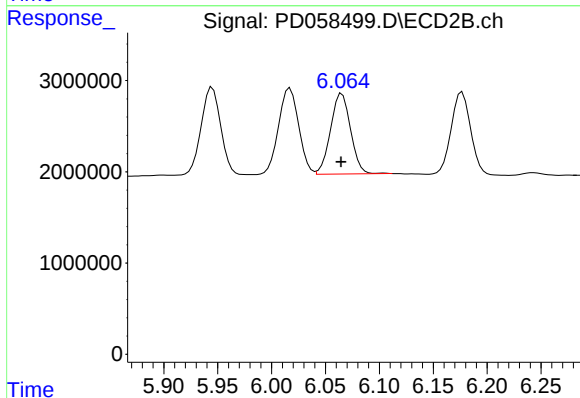
#9 Endosulfan I

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 8429822
Conc: 4.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

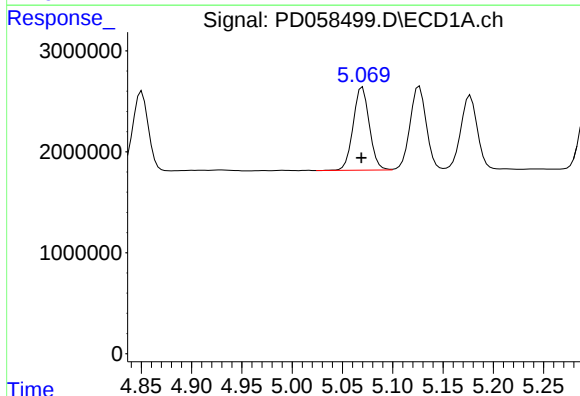
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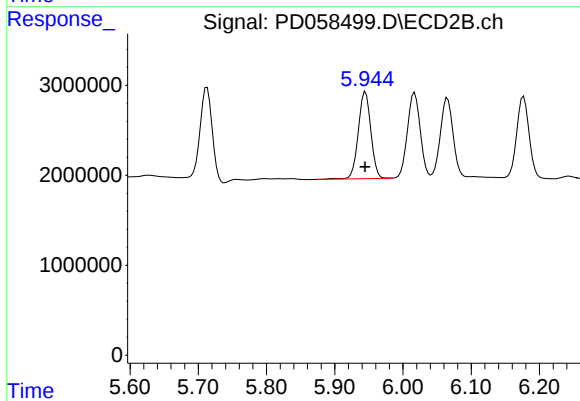
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 11392210
Conc: 4.32 ng/ml



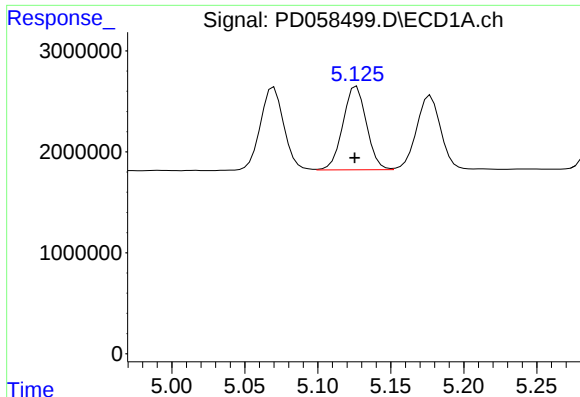
#10 gamma-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.001 min
Response: 9204941
Conc: 4.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 12377891
Conc: 4.25 ng/ml



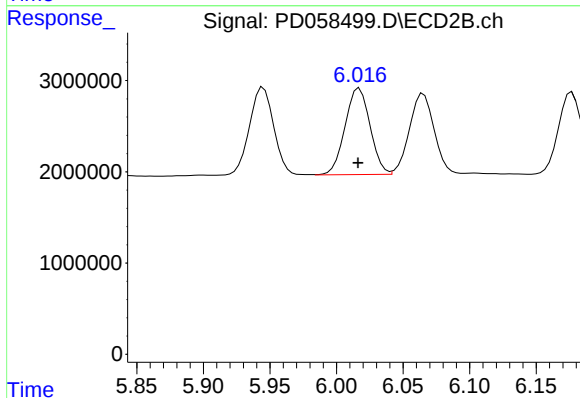
#11 alpha-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 9288496
Conc: 4.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

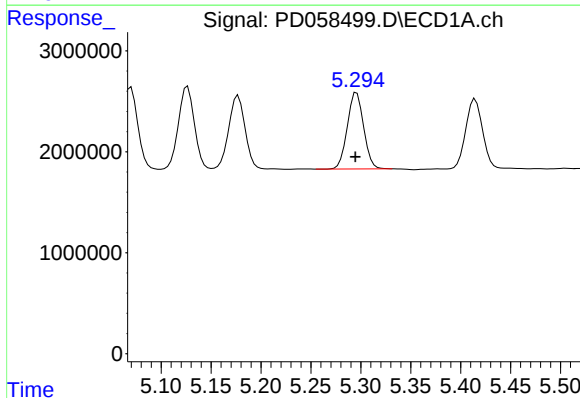
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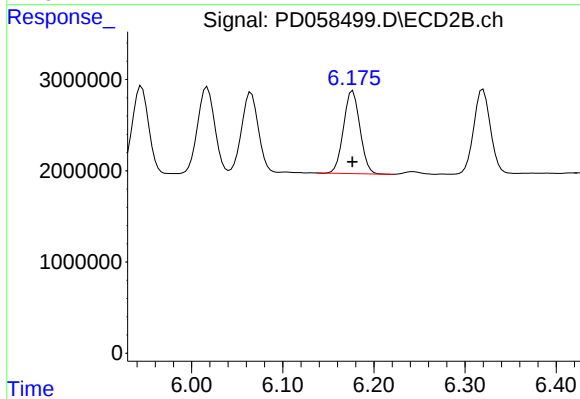
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.001 min
Response: 12384945
Conc: 4.31 ng/ml



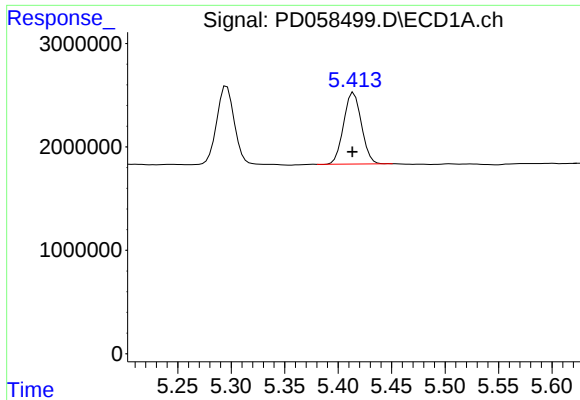
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 8620687
Conc: 3.99 ng/ml



#12 4,4'-DDE

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 11381765
Conc: 4.14 ng/ml



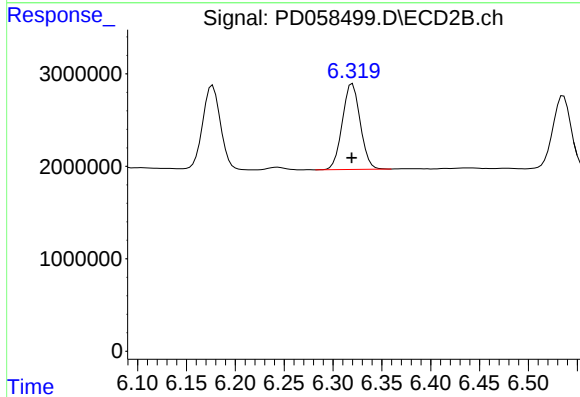
#13 Dieldrin

R.T.: 5.415 min
Delta R.T.: 0.001 min
Response: 8025117
Conc: 4.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

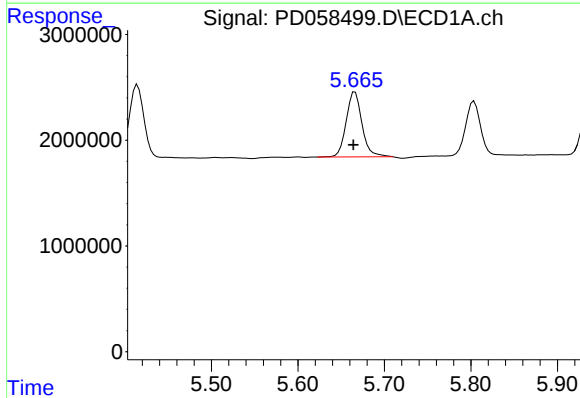
Manual Integrations
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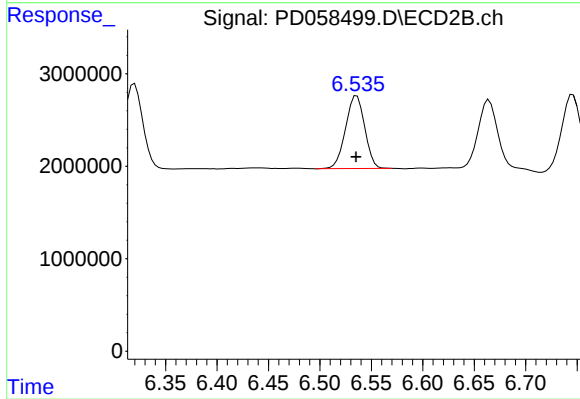
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 11801934
Conc: 4.13 ng/ml



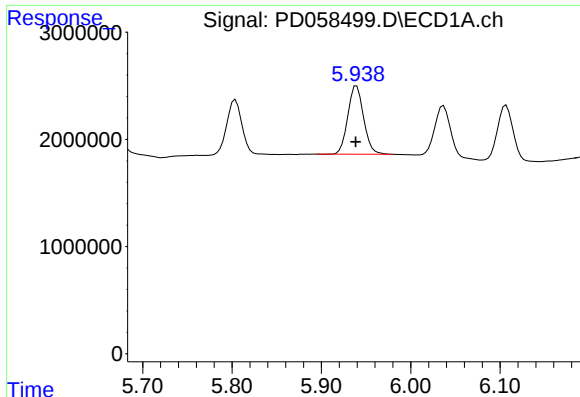
#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 7768593
Conc: 5.45 ng/ml



#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 10229557
Conc: 4.81 ng/ml



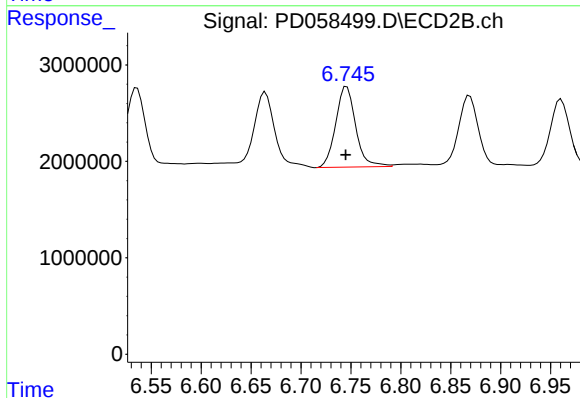
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 7857980
Conc: 4.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

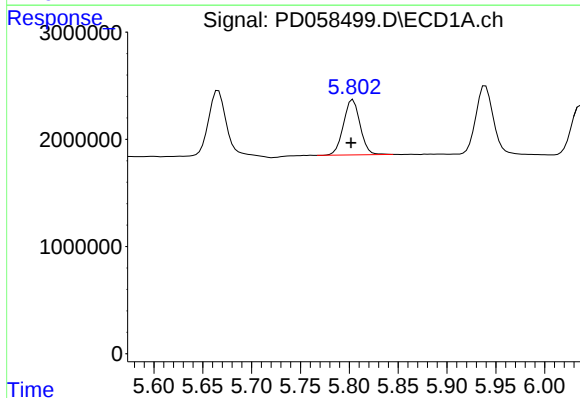
Manual Integrations
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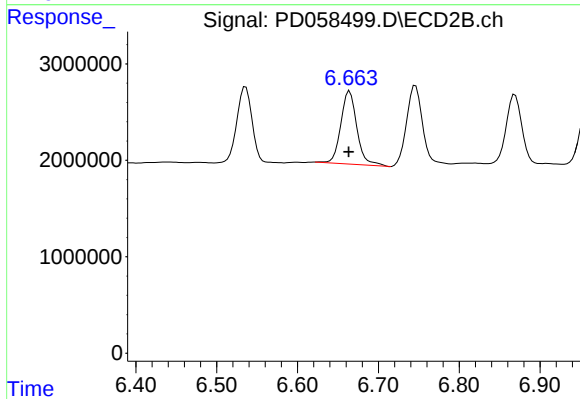
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 11617759
Conc: 4.71 ng/ml



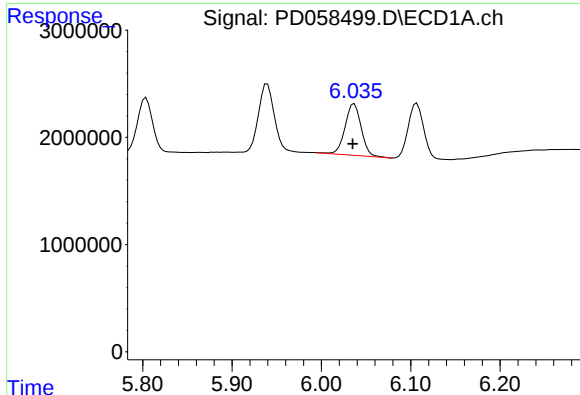
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: 0.002 min
Response: 6097190
Conc: 4.66 ng/ml



#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 10468461
Conc: 4.54 ng/ml



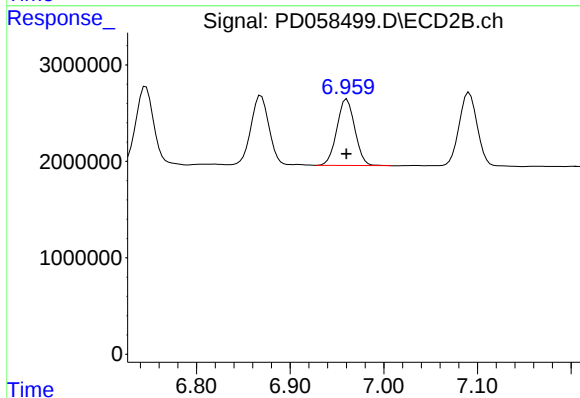
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.002 min
Response: 6030156
Conc: 4.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

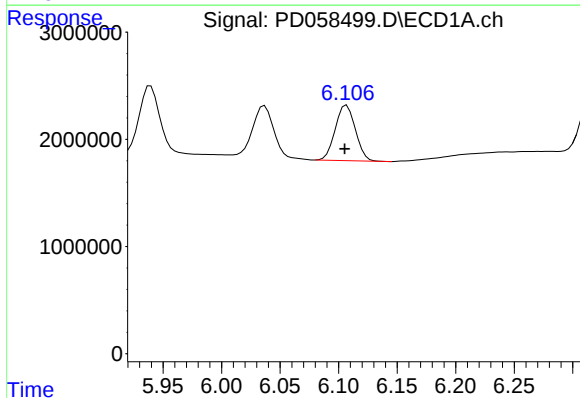
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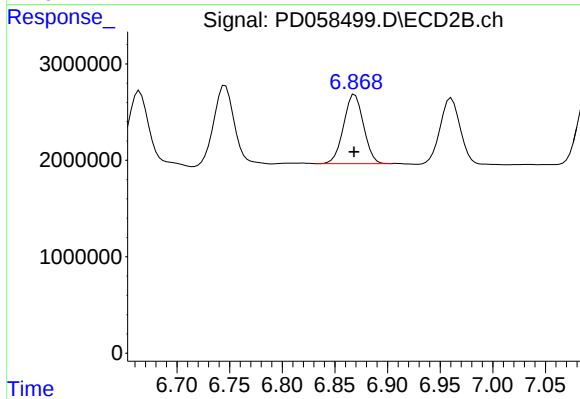
#17 4,4'-DDT

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 9168945
Conc: 4.00 ng/ml



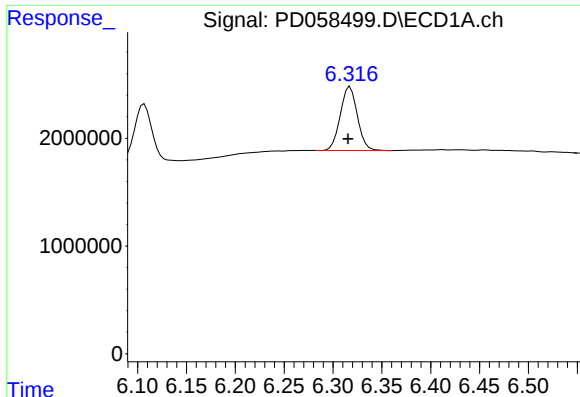
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 6202399
Conc: 4.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 9467850
Conc: 4.43 ng/ml m



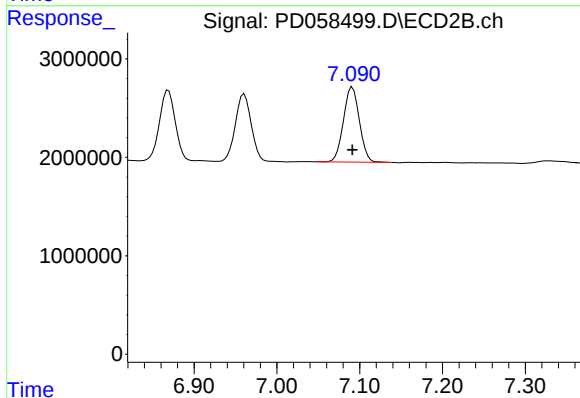
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: 0.002 min
Response: 7225503
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

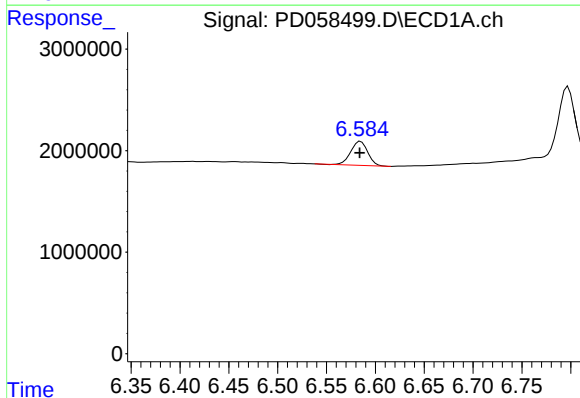
Manual Integrations
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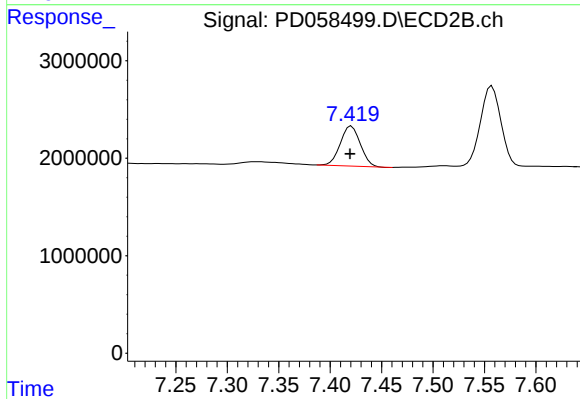
#19 Endosulfan Sulfate

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 10205435
Conc: 4.45 ng/ml



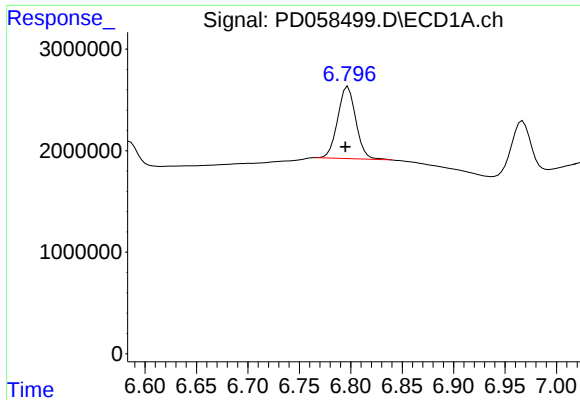
#20 Methoxychlor

R.T.: 6.585 min
Delta R.T.: 0.001 min
Response: 2898259
Conc: 4.92 ng/ml



#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.001 min
Response: 5538887
Conc: 4.61 ng/ml



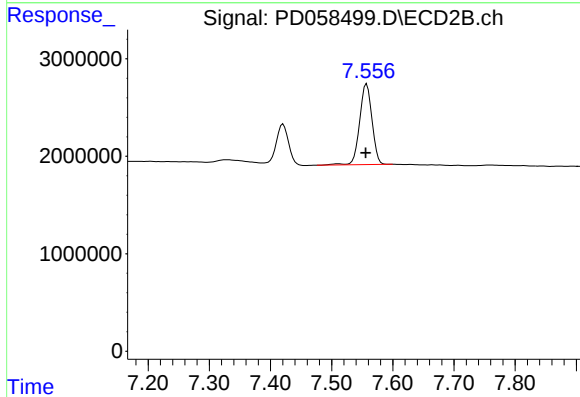
#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 8659009
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

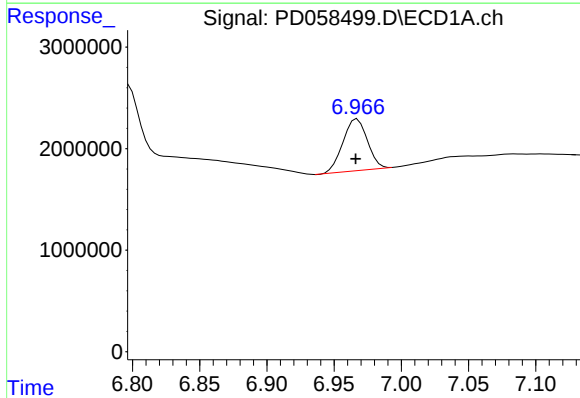
Manual Integrations
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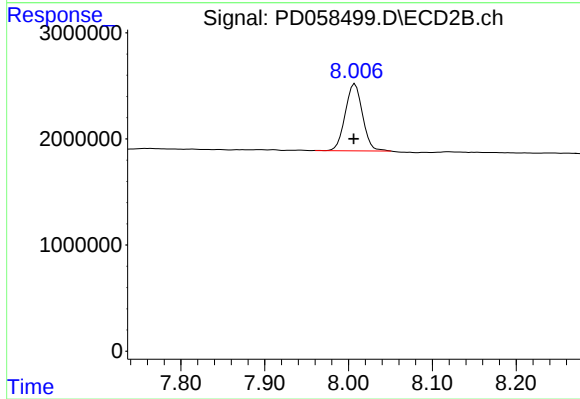
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 11651705
Conc: 4.28 ng/ml



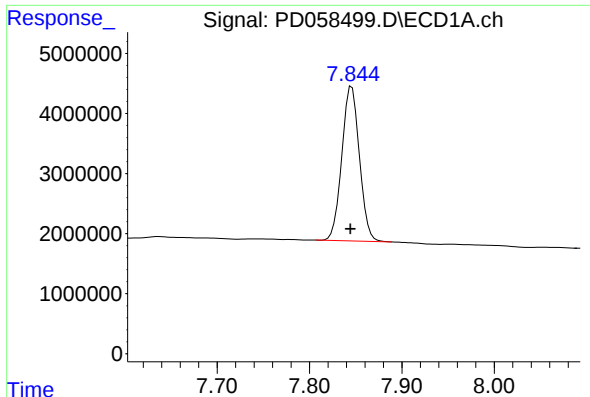
#22 Mirex

R.T.: 6.967 min
Delta R.T.: 0.001 min
Response: 6398503
Conc: 4.25 ng/ml



#22 Mirex

R.T.: 8.008 min
Delta R.T.: 0.001 min
Response: 9057136
Conc: 4.69 ng/ml



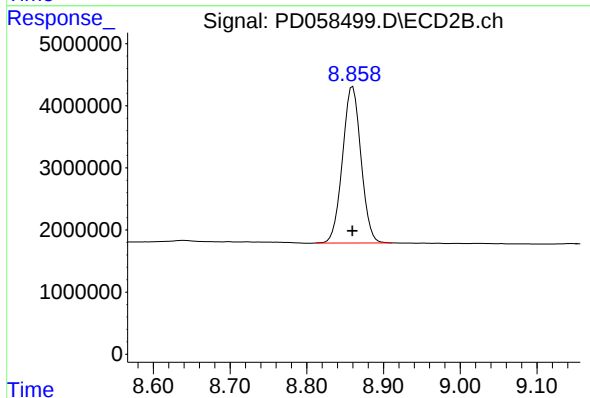
#28 Decachlorobiphenyl

R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 34025740
Conc: 18.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations
APPROVED

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7/10/2020 12:32:02 PM



#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 42291763
Conc: 19.40 ng/ml