

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 22:38
 Operator : AR\AJ
 Sample : P1187-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/25/2024
 Supervised By :Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 01:00:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.566	2.796	31827020	54098719	22.420	22.615
28)	SA Decachlor...	9.111	7.933	47891586	63836253	23.798	23.966
Target Compounds							
2)	A alpha-BHC	4.022	3.298	11224295	17537027	4.519	4.570
3)	MA gamma-BHC...	4.356	3.627	11048583	17343758	4.514	4.639
4)	MA Heptachlor	4.949	3.968	12507037	17089998	5.071	4.956
5)	MB Aldrin	5.293	4.247	11742687	16850066	4.784	4.627m
6)	B beta-BHC	4.550	3.923	5357938	8016934	5.295	5.131
7)	B delta-BHC	4.799	4.153	10986256	16486858	4.379	4.393
8)	B Heptachlo...	5.718	4.750	11644994	16322352	5.200	4.873
9)	A Endosulfan I	6.105	5.120	10965337	15791575	5.287	5.156
10)	B gamma-Chl...	5.975	5.000	11481289	16683104	5.245	5.100
11)	B alpha-Chl...	6.054	5.064	11491101	16773984	5.277	5.130
12)	B 4,4'-DDE	6.225	5.252	10171286	14551775	4.998	4.750
13)	MA Dieldrin	6.381	5.384	11202454	16693368	5.070	4.909
14)	MA Endrin	6.610	5.659	9538395	14975943	5.107	5.054
15)	B Endosulfa...	6.828	5.952	10837586	14830418	5.597	5.157
16)	A 4,4'-DDD	6.742	5.806	8402493	12888623	5.114	4.909
17)	MA 4,4'-DDT	7.057	6.057	8963657	12256760	5.033	4.620
18)	B Endrin al...	6.958	6.131	8272654	11852744	5.438	5.257
19)	B Endosulfa...	7.193	6.353	10397073	14898513	5.476	5.341
20)	A Methoxychlor	7.531	6.631	5580967	8158843	5.422	5.212
21)	B Endrin ke...	7.680	6.860	11118141	16659382	5.317	5.162
22)	Mirex	8.155	7.043	10158485	14359505	6.159	5.698

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
Data File : PD080861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2024 22:38
Operator : AR\AJ
Sample : P1187-02
Misc : PEST LOQ 5PPB
ALS Vial : 32 Sample Multiplier: 1

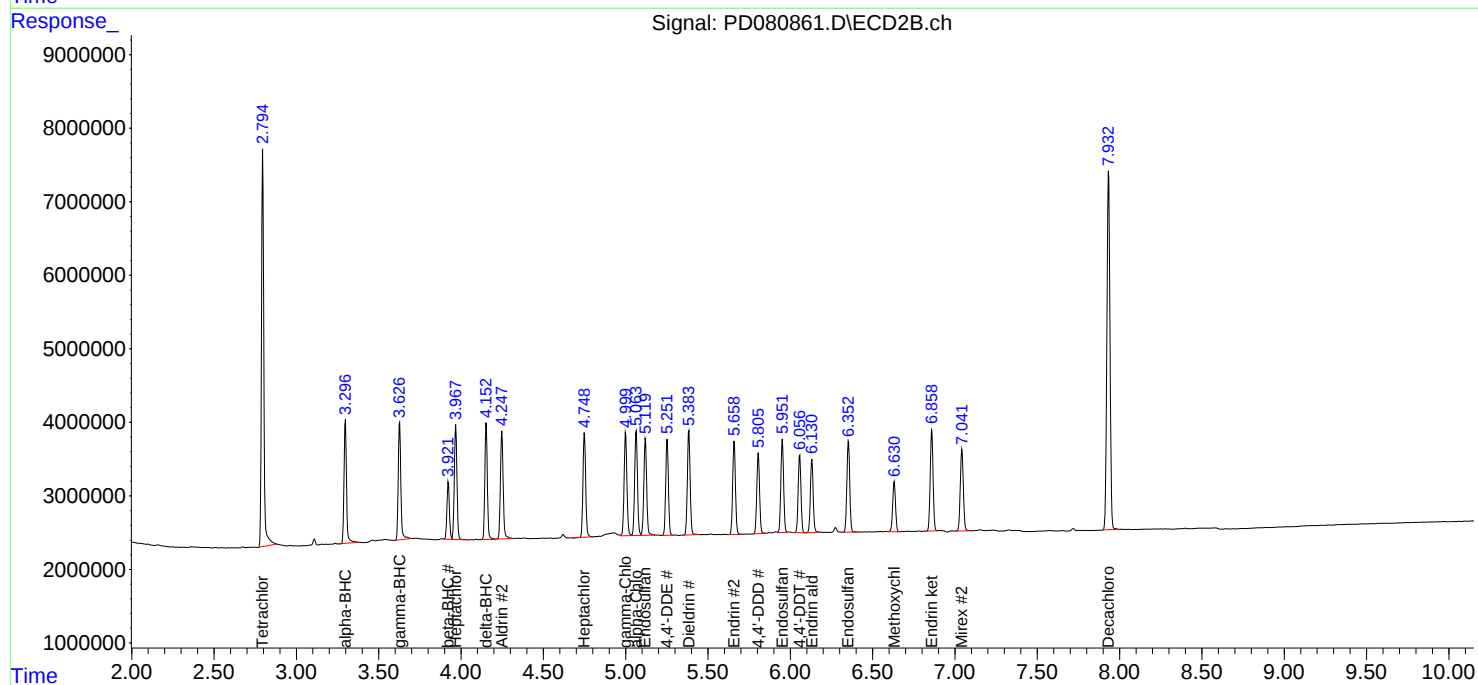
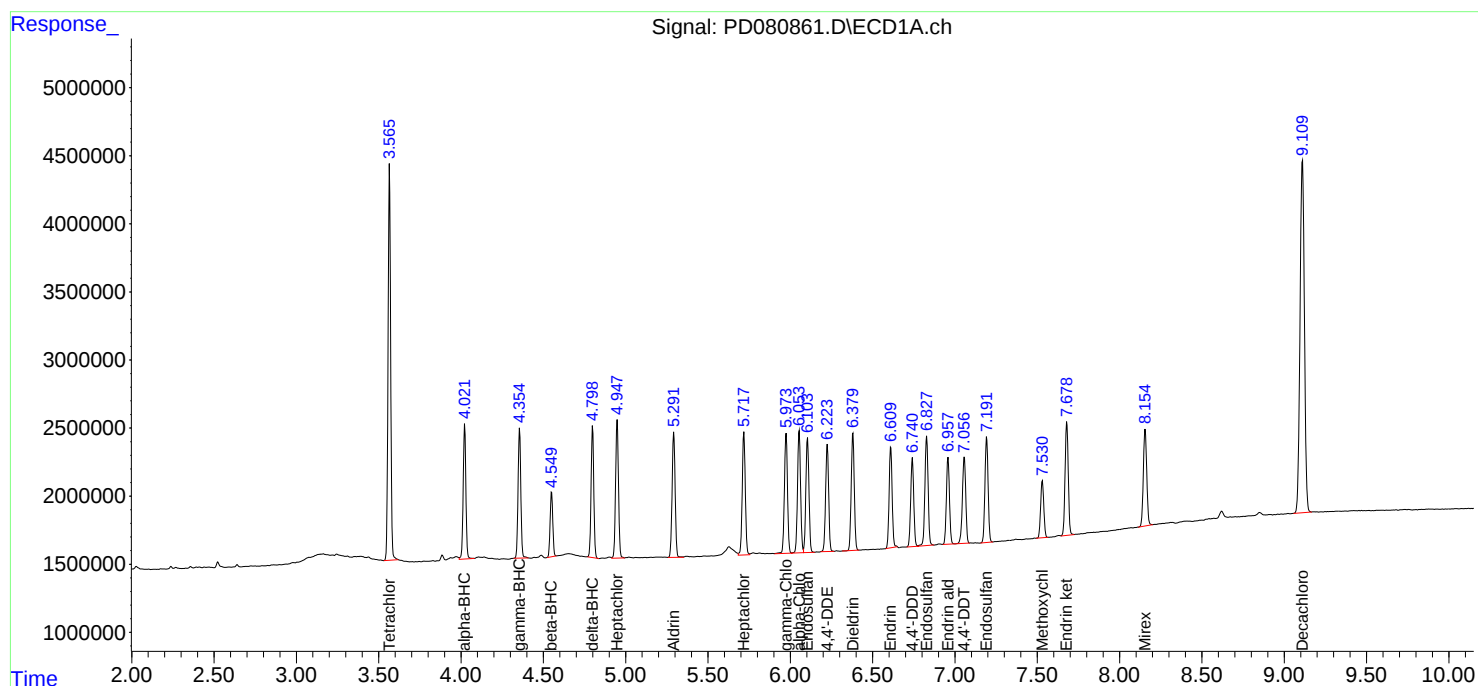
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

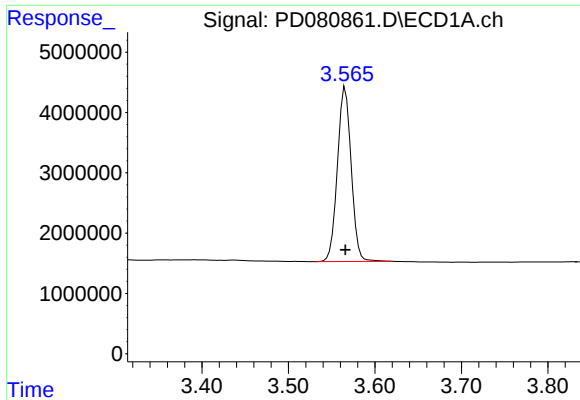
Manual Integrations
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Supervised By :Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 01:00:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Wed Jan 24 20:16:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





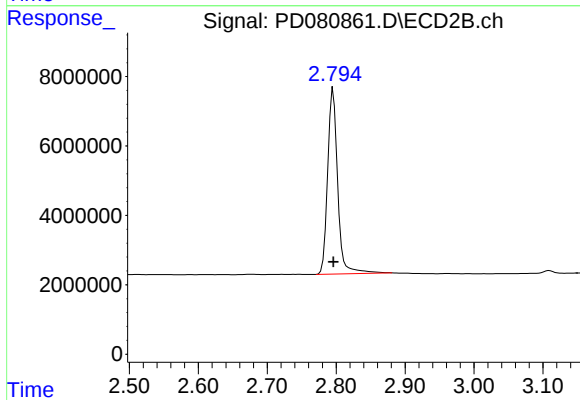
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 31827020
Conc: 22.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

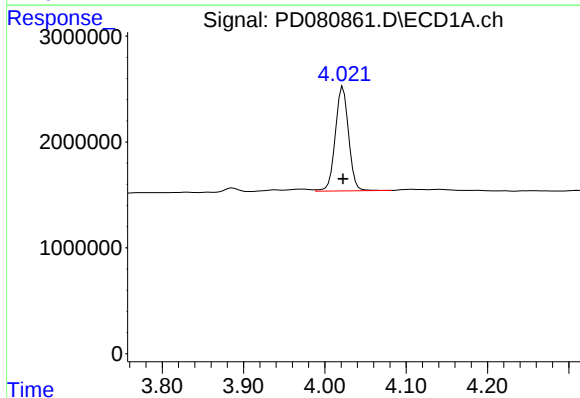
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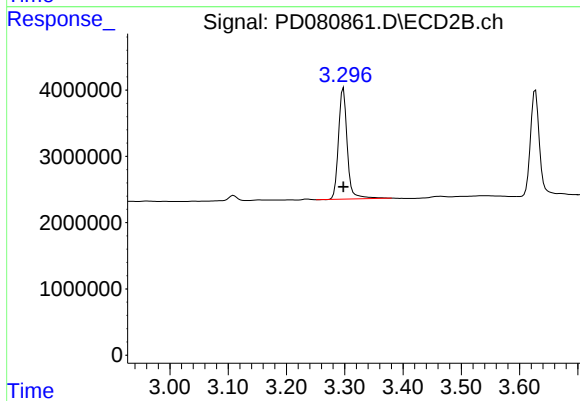
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 54098719
Conc: 22.62 ng/ml



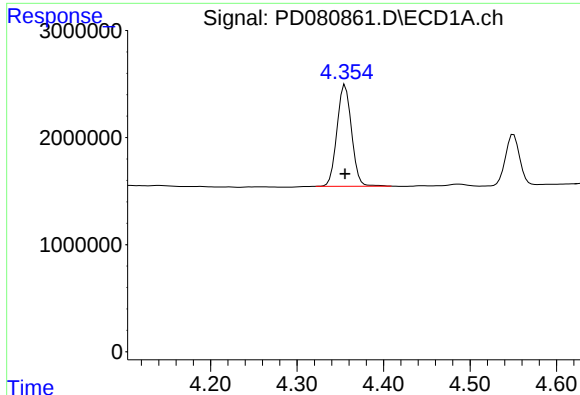
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 11224295
Conc: 4.52 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 17537027
Conc: 4.57 ng/ml



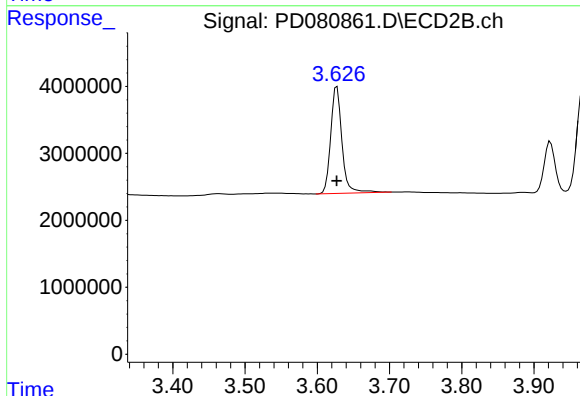
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 11048583
Conc: 4.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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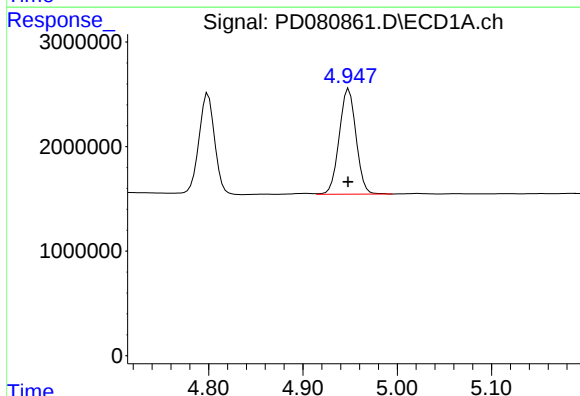
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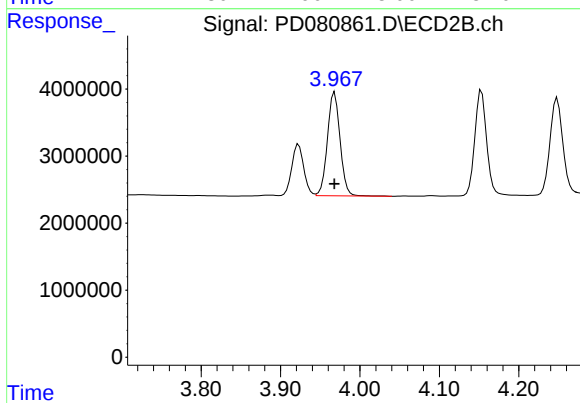
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 17343758
Conc: 4.64 ng/ml



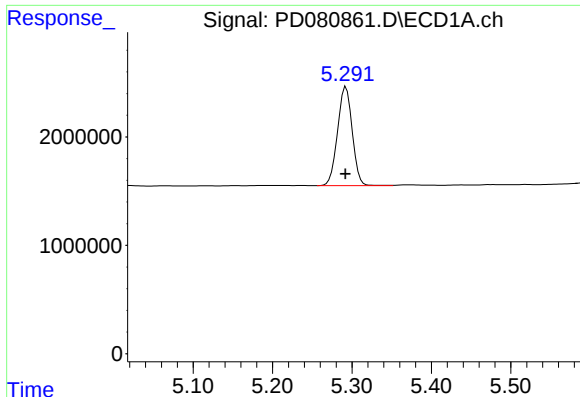
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 12507037
Conc: 5.07 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 17089998
Conc: 4.96 ng/ml



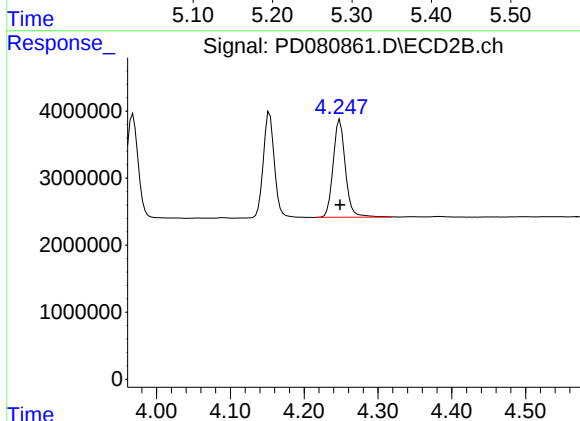
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 11742687
Conc: 4.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

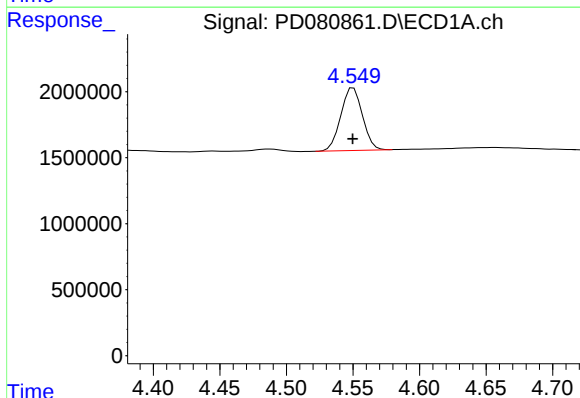
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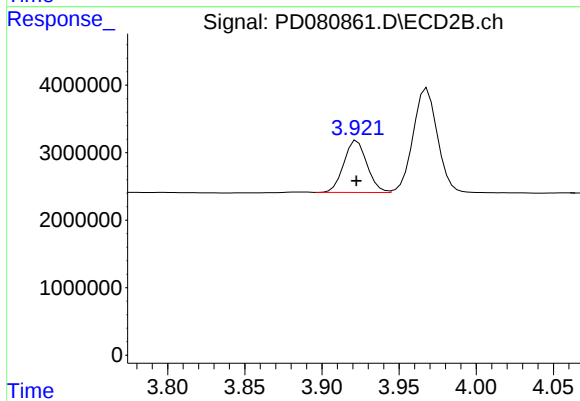
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 16850066
Conc: 4.63 ng/ml m



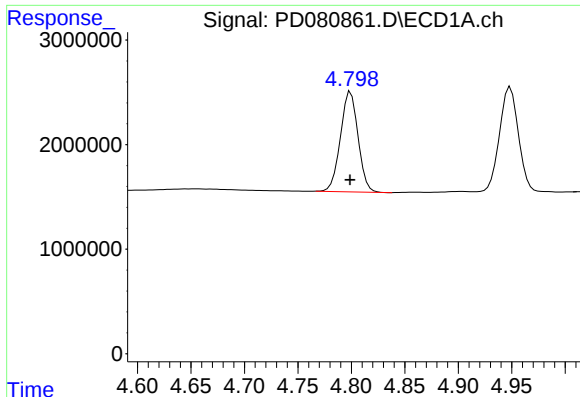
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 5357938
Conc: 5.30 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 8016934
Conc: 5.13 ng/ml



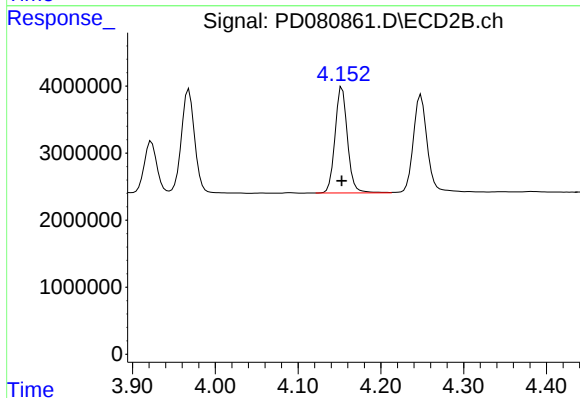
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 10986256
Conc: 4.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

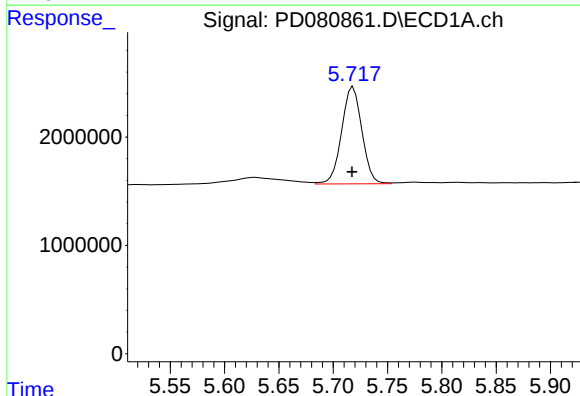
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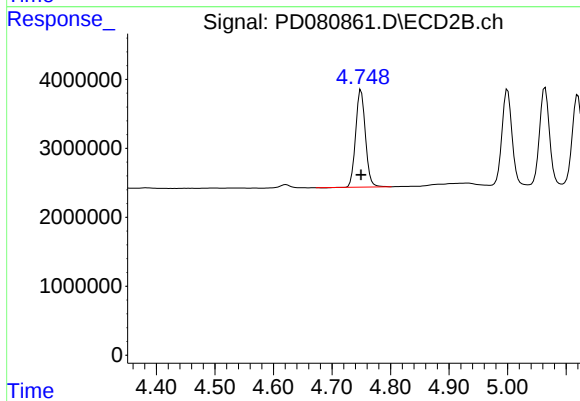
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 16486858
Conc: 4.39 ng/ml



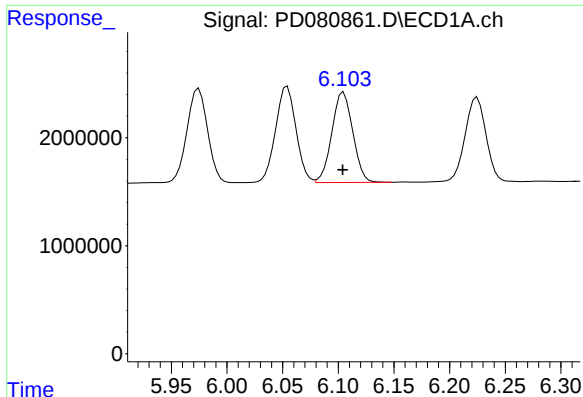
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.001 min
Response: 11644994
Conc: 5.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 16322352
Conc: 4.87 ng/ml



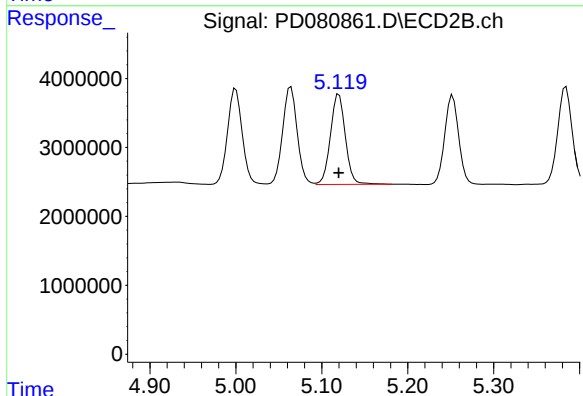
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 10965337
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

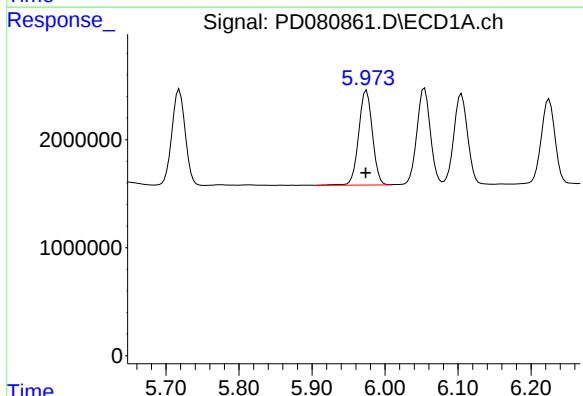
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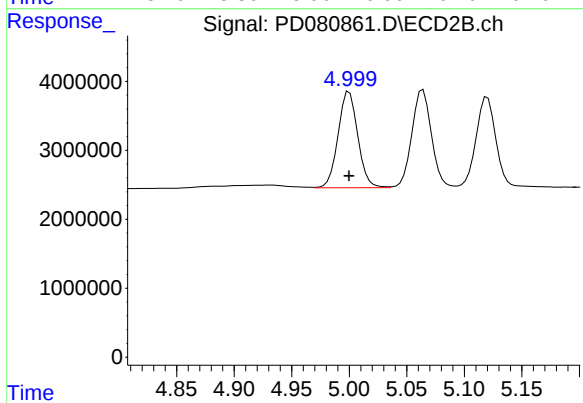
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 15791575
Conc: 5.16 ng/ml



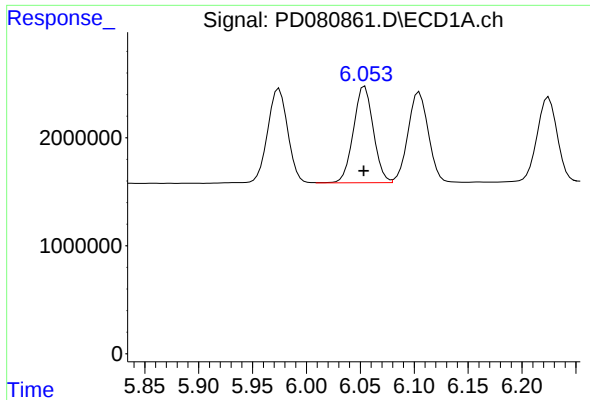
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 11481289
Conc: 5.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 16683104
Conc: 5.10 ng/ml



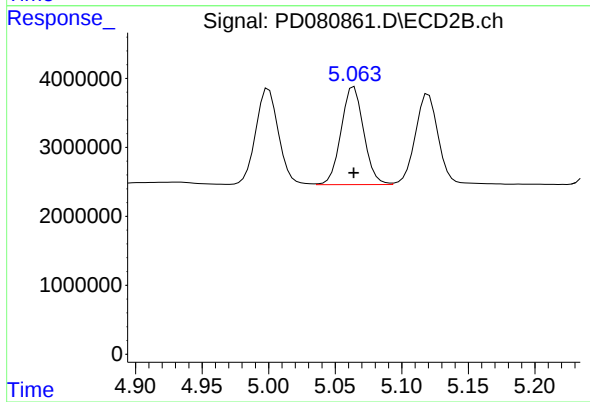
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 11491101
Conc: 5.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

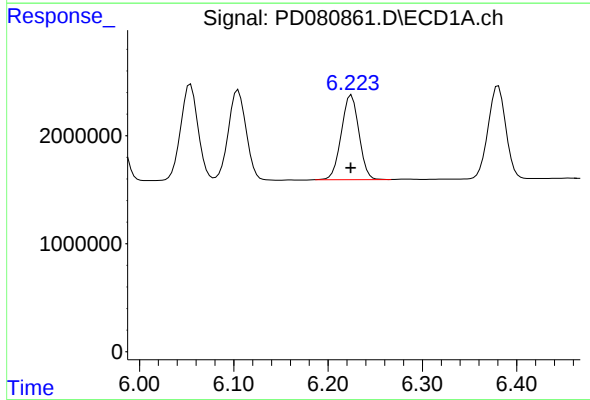
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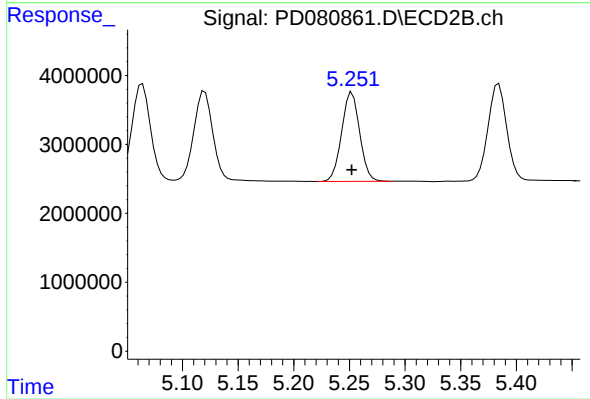
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 16773984
Conc: 5.13 ng/ml



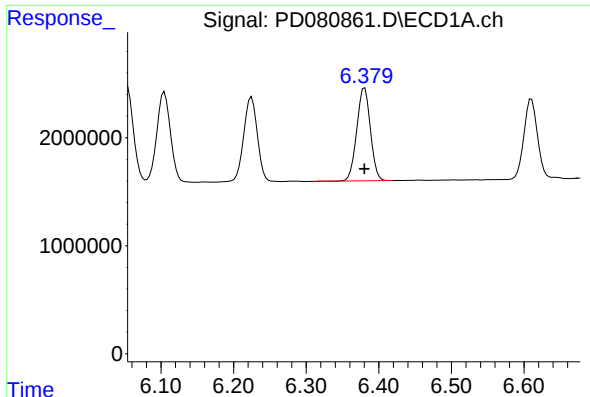
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 10171286
Conc: 5.00 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 14551775
Conc: 4.75 ng/ml



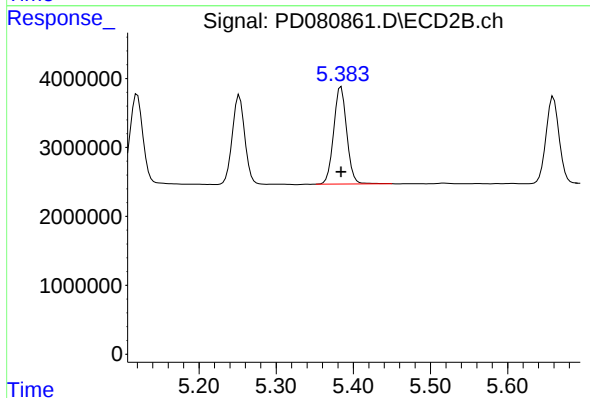
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 11202454
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

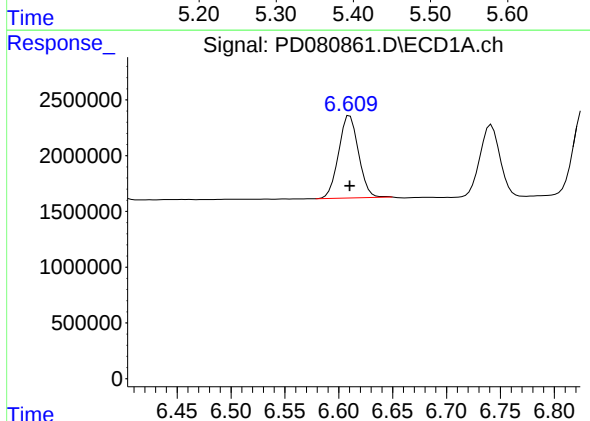
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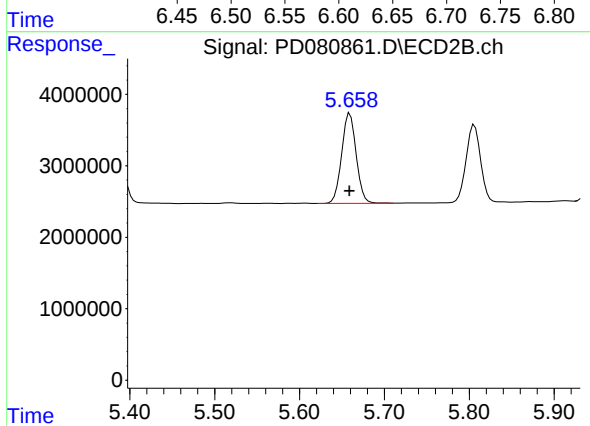
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 16693368
Conc: 4.91 ng/ml



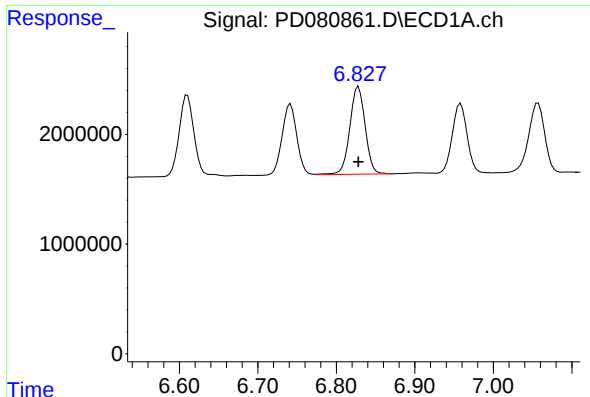
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 9538395
Conc: 5.11 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 14975943
Conc: 5.05 ng/ml



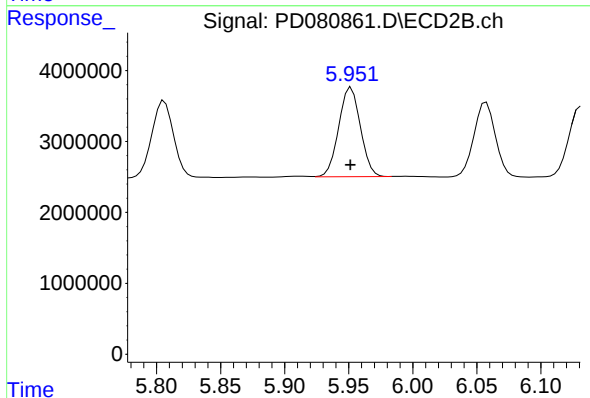
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 10837586
Conc: 5.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

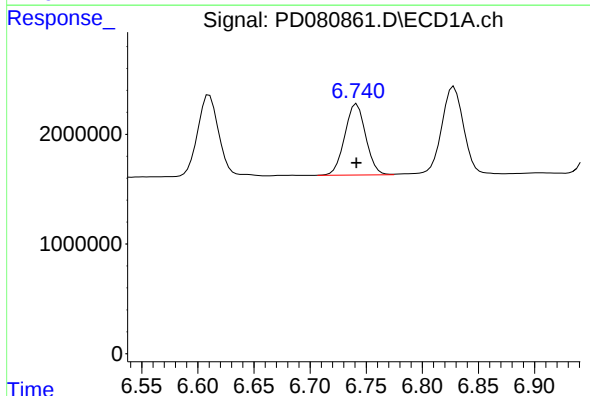
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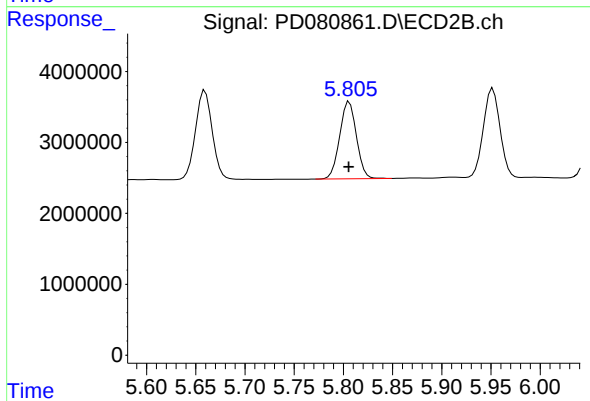
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 14830418
Conc: 5.16 ng/ml



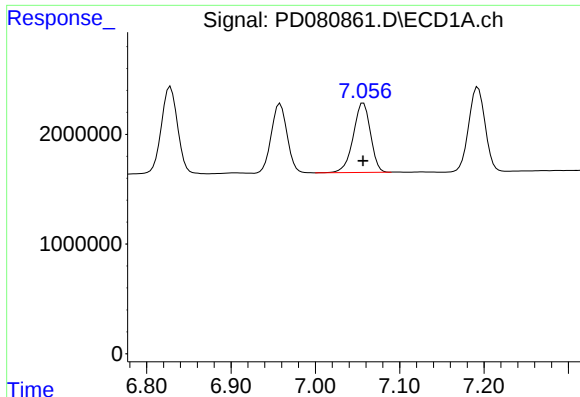
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 8402493
Conc: 5.11 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 12888623
Conc: 4.91 ng/ml



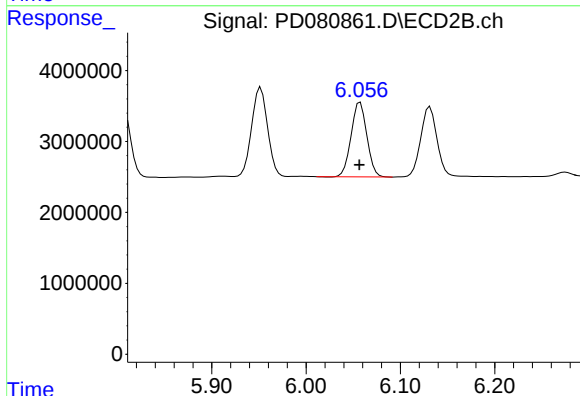
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 8963657
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

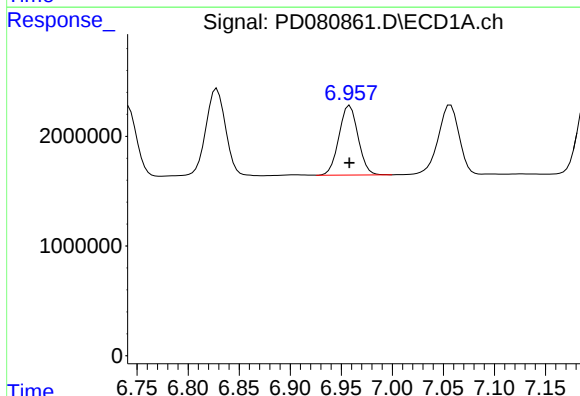
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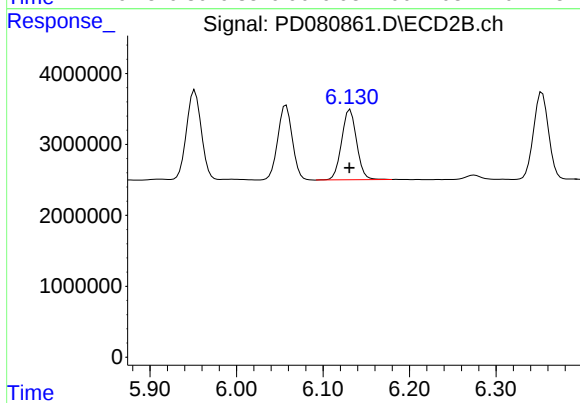
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 12256760
Conc: 4.62 ng/ml



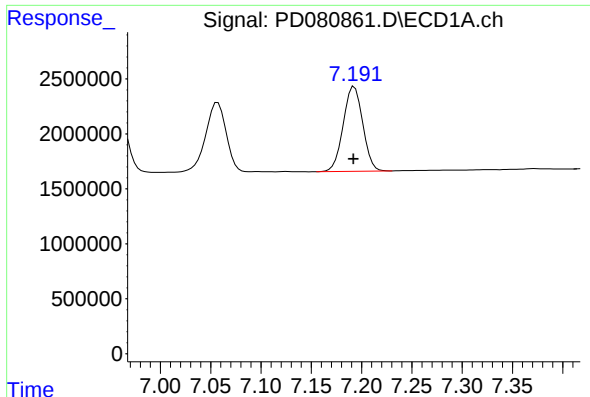
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 8272654
Conc: 5.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 11852744
Conc: 5.26 ng/ml



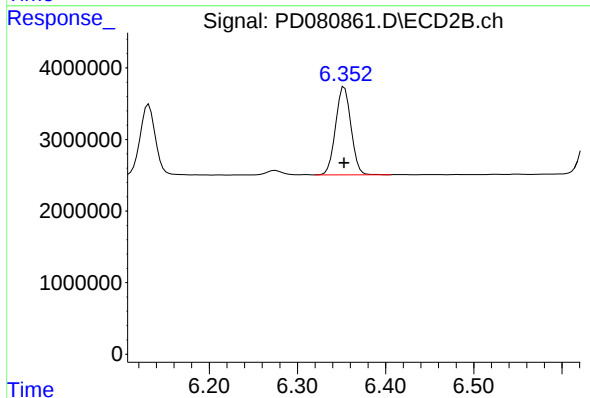
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 10397073
Conc: 5.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

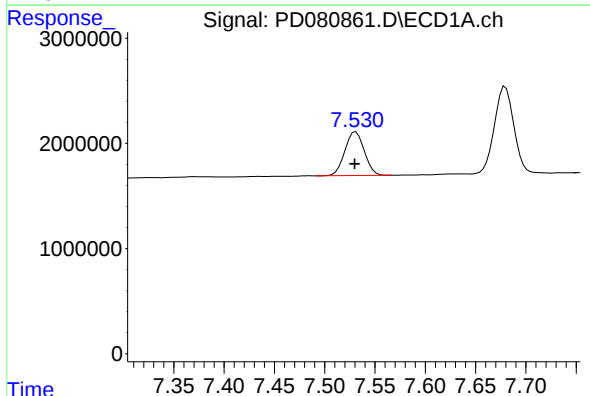
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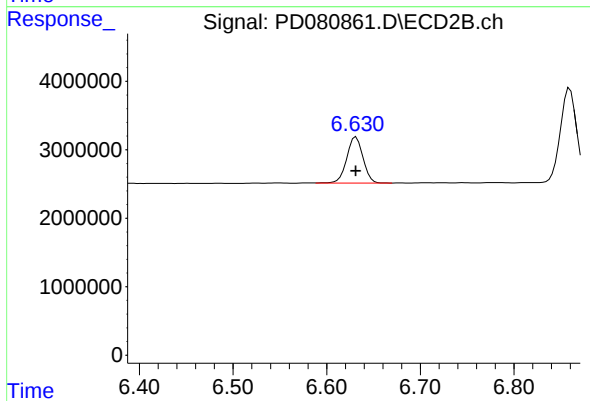
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 14898513
Conc: 5.34 ng/ml



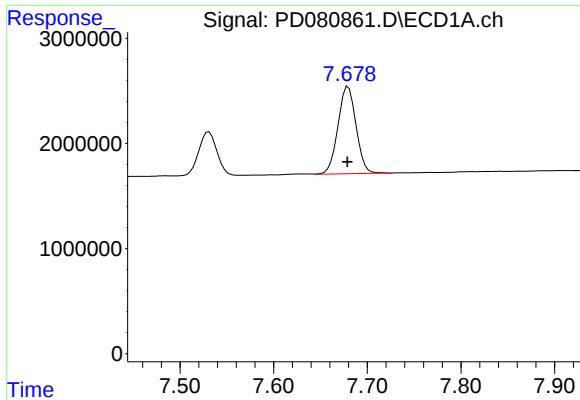
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 5580967
Conc: 5.42 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 8158843
Conc: 5.21 ng/ml



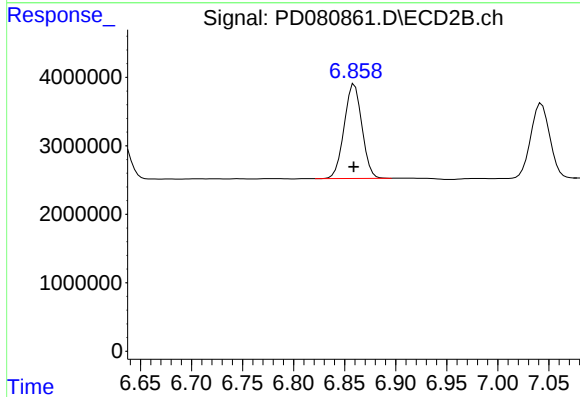
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 11118141
Conc: 5.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

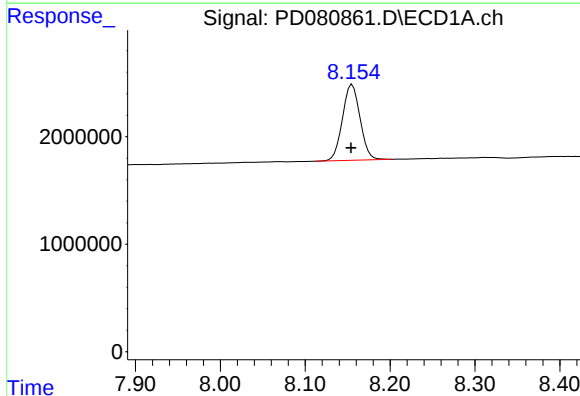
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/25/2024
Supervised By :Ankita Jodhani 01/25/2024



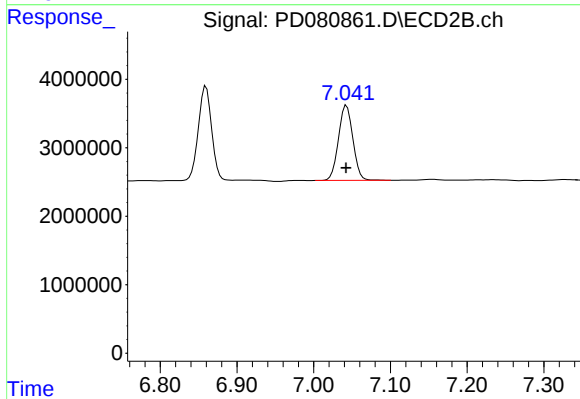
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 16659382
Conc: 5.16 ng/ml



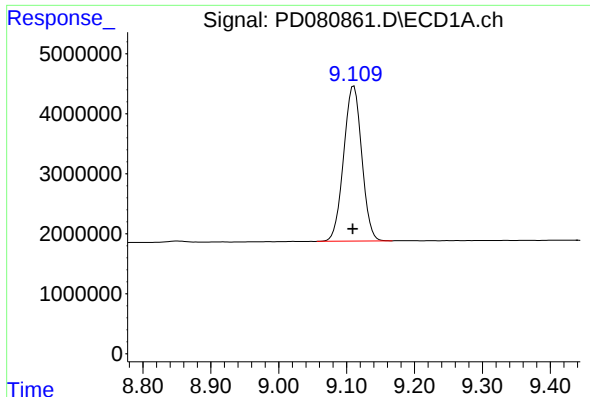
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 10158485
Conc: 6.16 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 14359505
Conc: 5.70 ng/ml



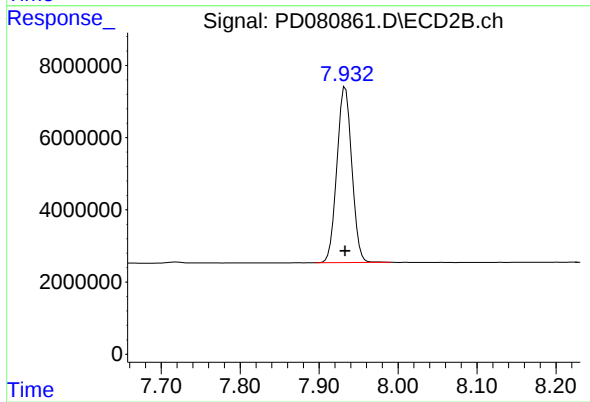
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.002 min
Response: 47891586
Conc: 23.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 63836253
Conc: 23.97 ng/ml