

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086080.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 12:22
 Operator : AR\AJ
 Sample : P4368-02
 Misc : PEST LOQ 5PPB SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 12:35:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 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...	3.443	2.877	23685316	124.4E6	19.509	19.923
28)	SA Decachlor...	8.900	8.058	40013390	117.4E6	18.529	22.039
Target Compounds							
2)	A alpha-BHC	3.887	3.386	10267689	54675784	4.742	5.984 #
3)	MA gamma-BHC...	4.214	3.720	11975820	51948670	5.393	6.057
4)	MA Heptachlor	4.807	4.072	11306659	51788216	5.659	7.251 #
5)	MB Aldrin	5.146	4.358	11487588	52013909	5.040	6.034
6)	B beta-BHC	4.401	4.015	5095596	27421606	5.723	7.431 #
7)	B delta-BHC	4.645	4.252	11564327	49629254	5.762m	5.996
8)	B Heptachlo...	5.566	4.860	12115615	47787931	5.811	6.386
9)	A Endosulfan I	5.947	5.234	10779734	45439762	5.543	6.633
10)	B gamma-Chl...	5.820	5.112	11178047	49438552	5.550	6.539
11)	B alpha-Chl...	5.901	5.177	11488958	49283720	5.626	6.547
12)	B 4,4'-DDE	6.072	5.360	8704745	43923613	5.025	6.465 #
13)	MA Dieldrin	6.218	5.500	10788547	49062189	5.260	6.482
14)	MA Endrin	6.445	5.777	9246210	44105199	5.429	7.090 #
15)	B Endosulfa...	6.658	6.068	10347013	43853055	5.656	6.922
16)	A 4,4'-DDD	6.581	5.916	7404837	36632420	5.414	7.062 #
17)	MA 4,4'-DDT	6.896	6.168	7803152	36559863	5.245	6.924m#
18)	B Endrin al...	6.786	6.246	8402462	33523981	5.556	6.393m
19)	B Endosulfa...	7.020	6.471	9872883	33411274	5.683	5.946
20)	A Methoxychlor	7.369	6.741	5360184	20309930	5.949	7.597 #
21)	B Endrin ke...	7.498	6.981	9941514	47432218	5.168	6.858 #
22)	Mirex	7.978	7.173	10024237	32024324	5.926	5.467

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
Data File : PD086080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 12:22
Operator : AR\AJ
Sample : P4368-02
Misc : PEST LOQ 5PPB SOIL
ALS Vial : 11 Sample Multiplier: 1

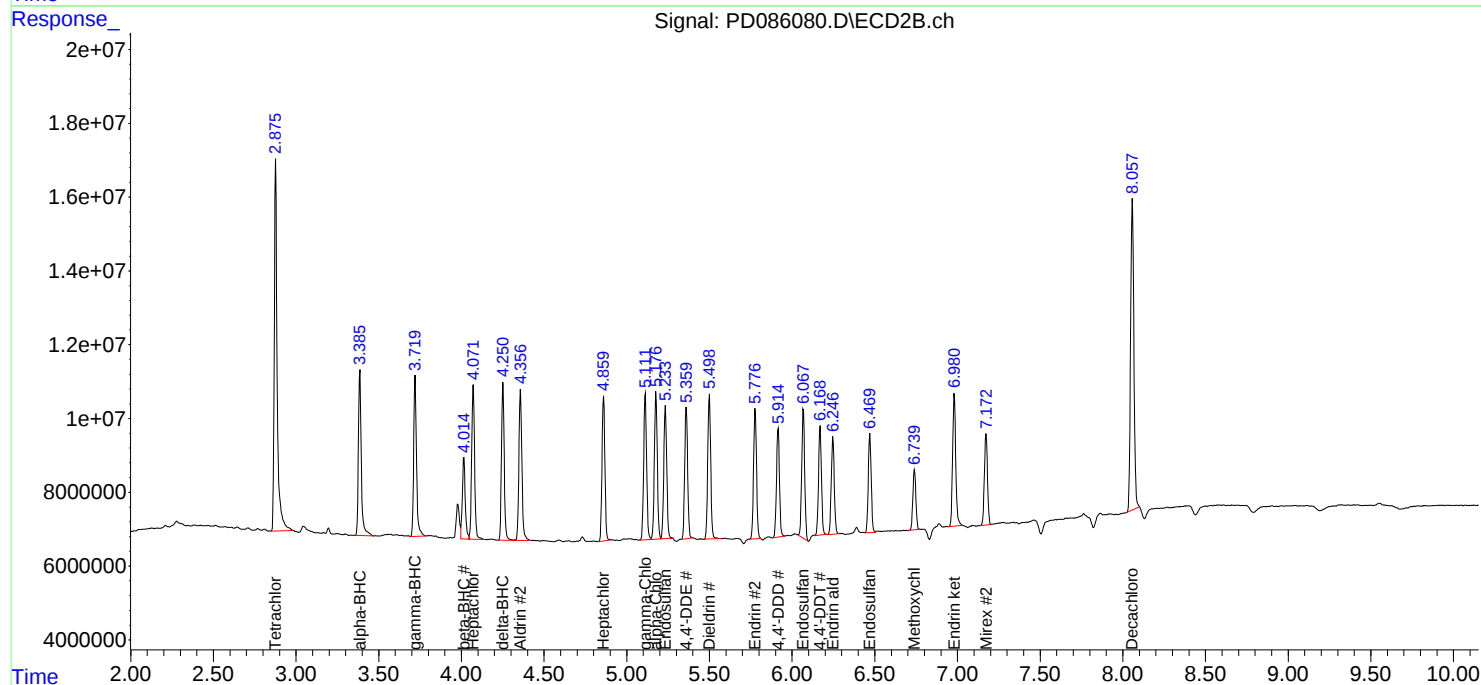
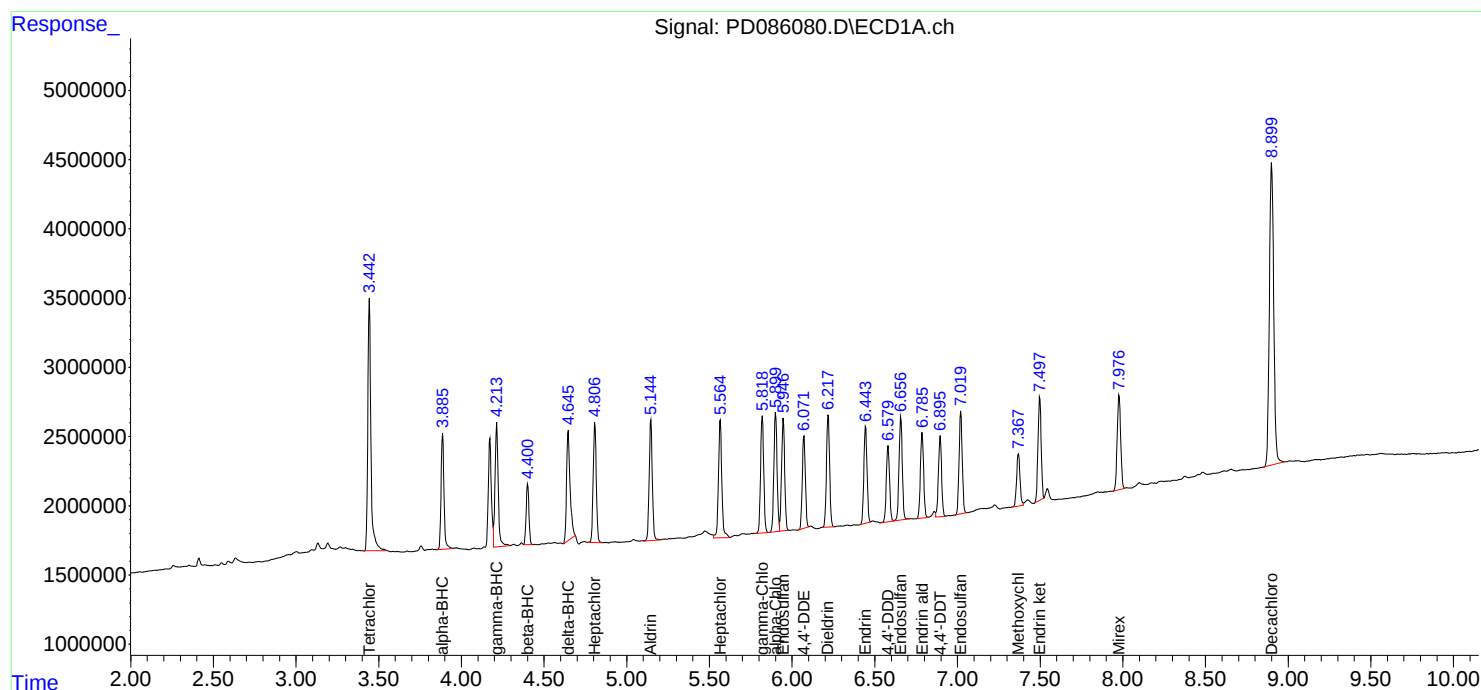
Instrument :
ECD_D
ClientSampleId :
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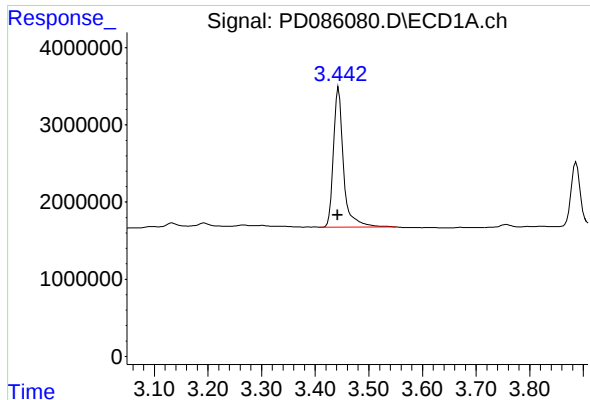
Manual Integrations
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Supervised By :Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 12:35:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
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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





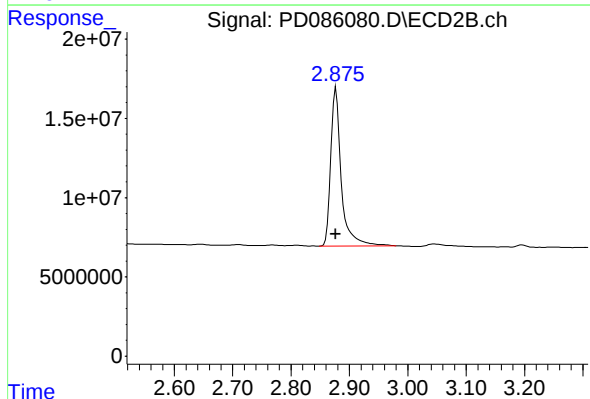
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: 0.001 min
Response: 23685316
Conc: 19.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

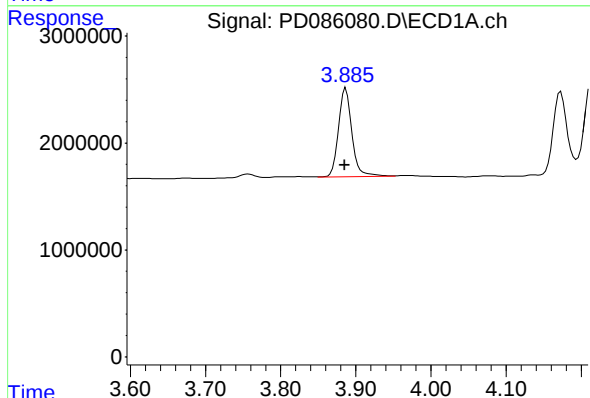
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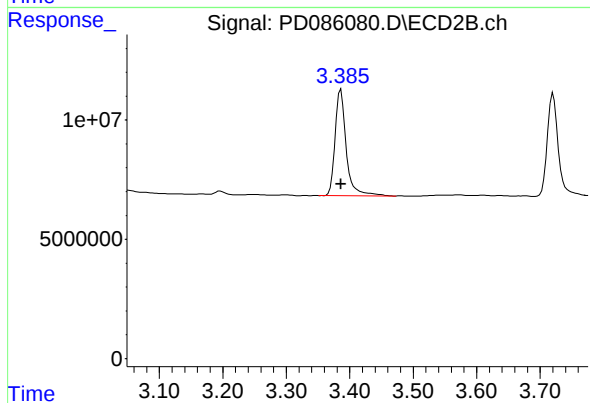
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 124375548
Conc: 19.92 ng/ml



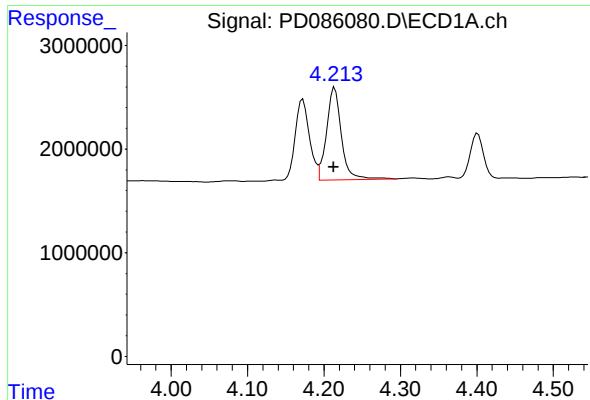
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 10267689
Conc: 4.74 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 54675784
Conc: 5.98 ng/ml



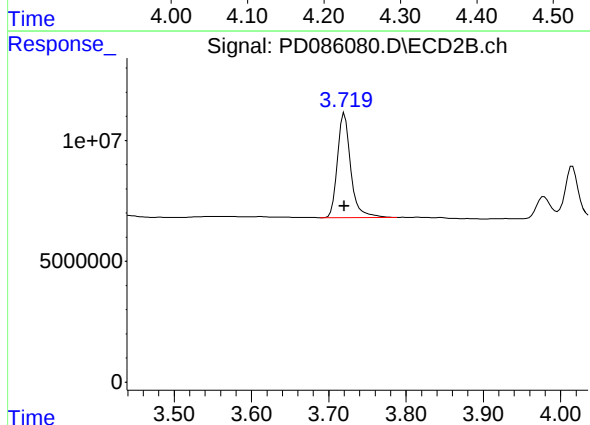
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.002 min
Response: 11975820
Conc: 5.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

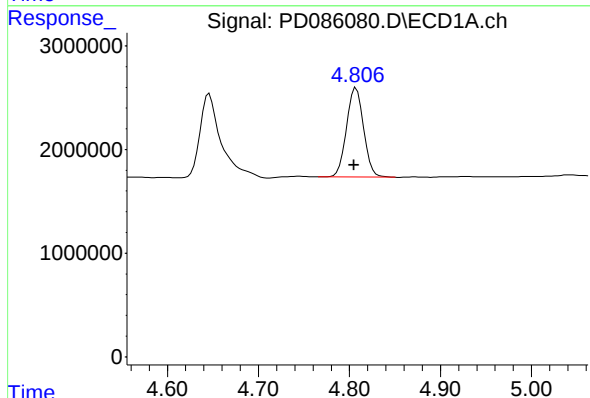
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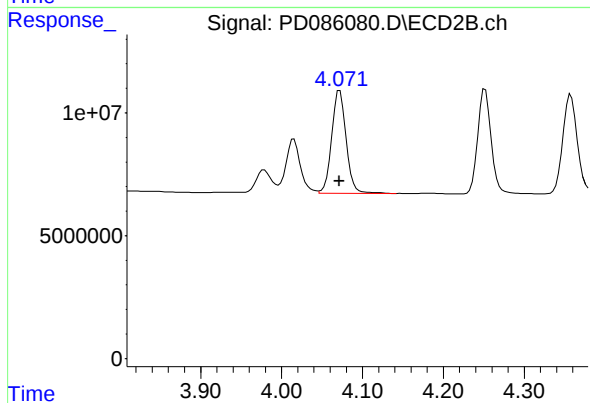
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 51948670
Conc: 6.06 ng/ml



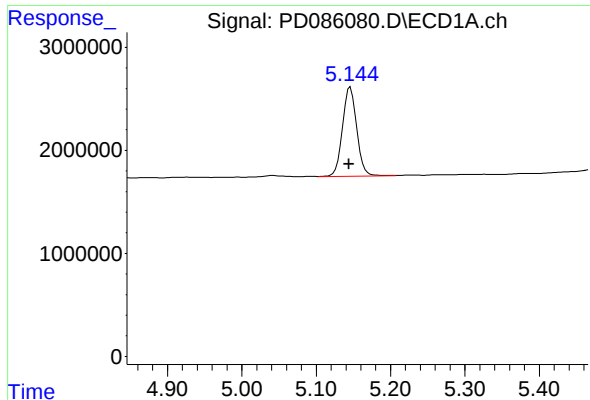
#4 Heptachlor

R.T.: 4.807 min
Delta R.T.: 0.002 min
Response: 11306659
Conc: 5.66 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 51788216
Conc: 7.25 ng/ml



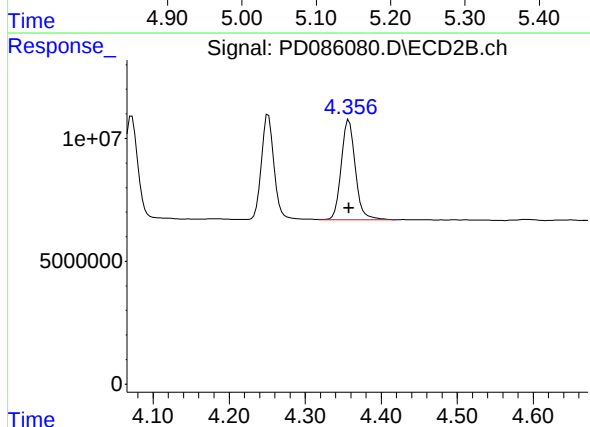
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: 0.002 min
Response: 11487588
Conc: 5.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

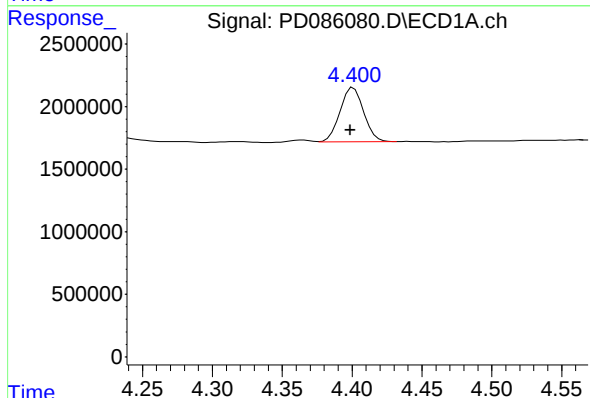
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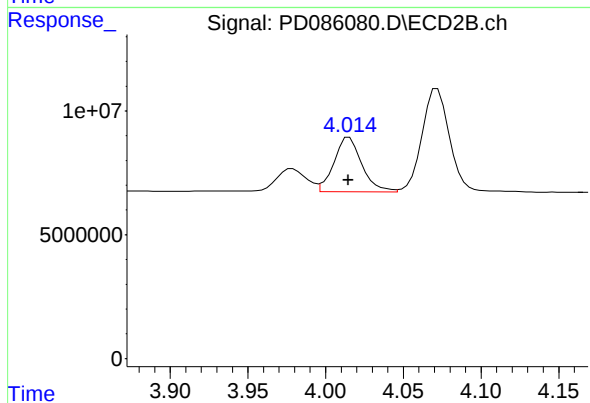
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 52013909
Conc: 6.03 ng/ml



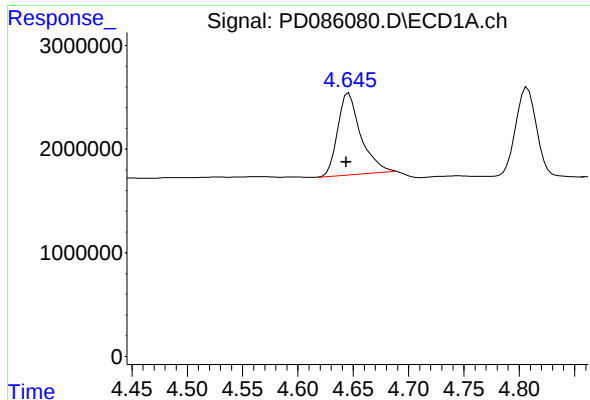
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: 0.002 min
Response: 5095596
Conc: 5.72 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 27421606
Conc: 7.43 ng/ml



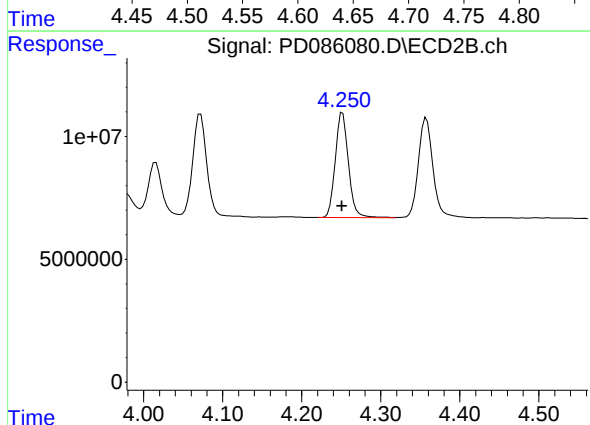
#7 delta-BHC

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 11564327
Conc: 5.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

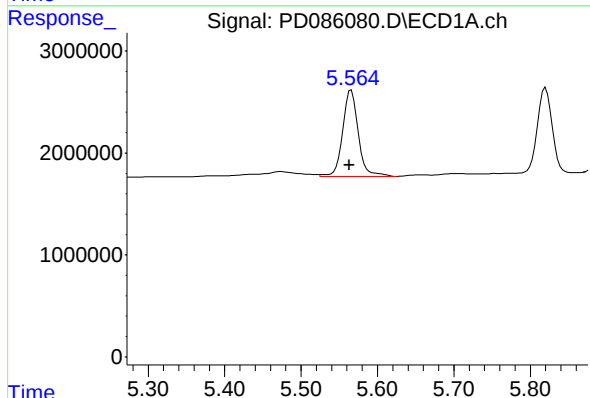
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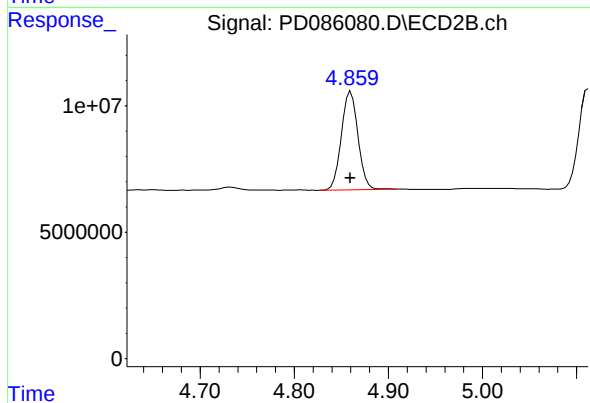
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 49629254
Conc: 6.00 ng/ml



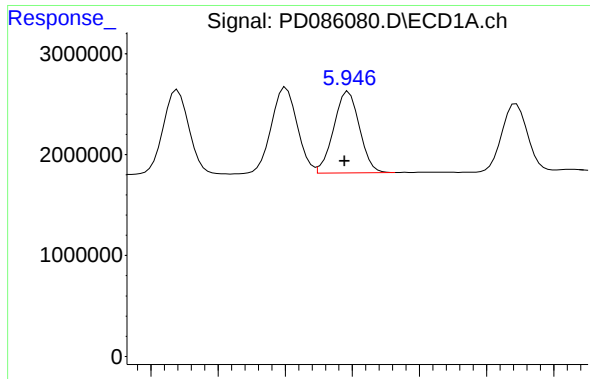
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.002 min
Response: 12115615
Conc: 5.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 47787931
Conc: 6.39 ng/ml



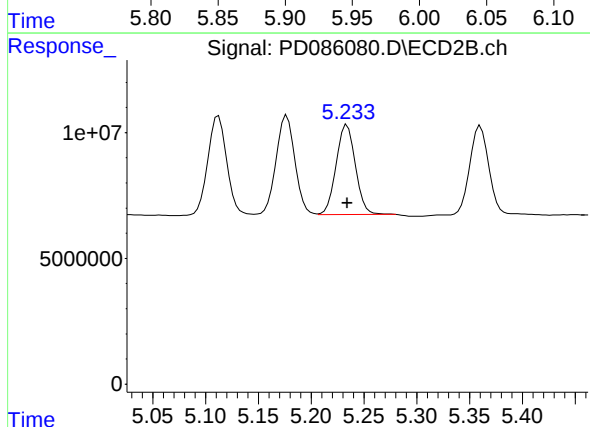
#9 Endosulfan I

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 10779734
Conc: 5.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

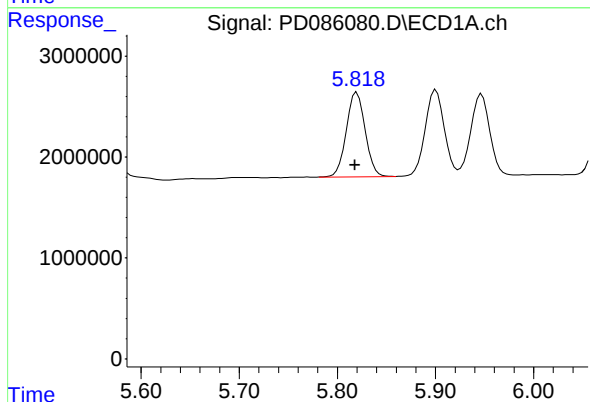
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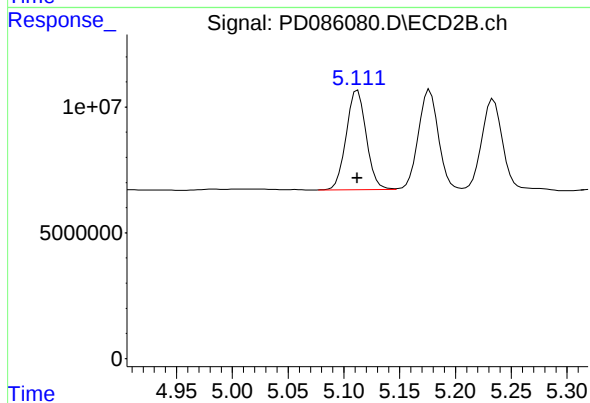
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 45439762
Conc: 6.63 ng/ml



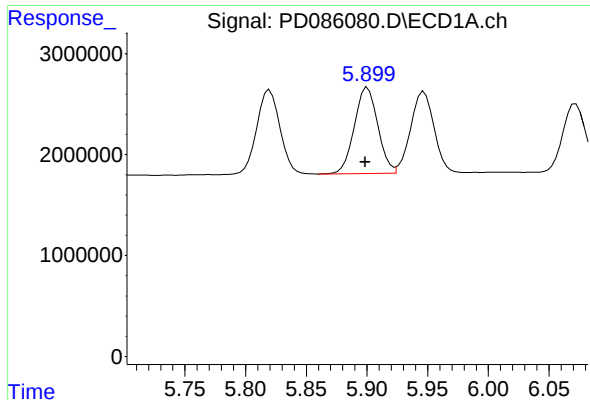
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 11178047
Conc: 5.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 49438552
Conc: 6.54 ng/ml



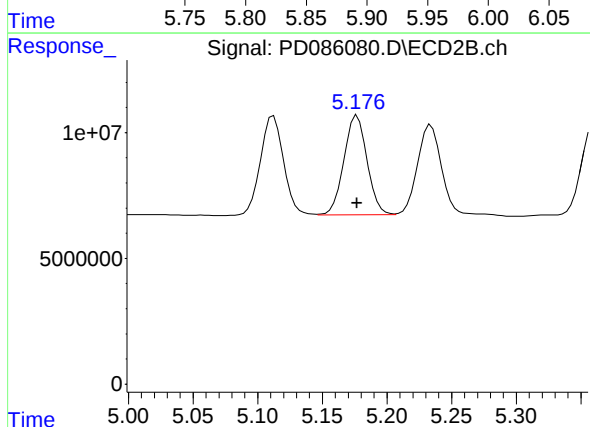
#11 alpha-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 11488958
Conc: 5.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
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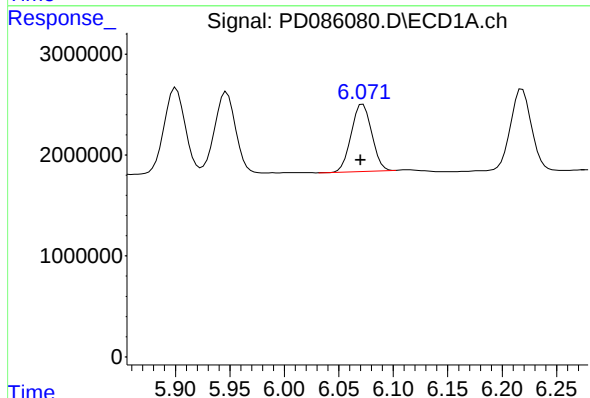
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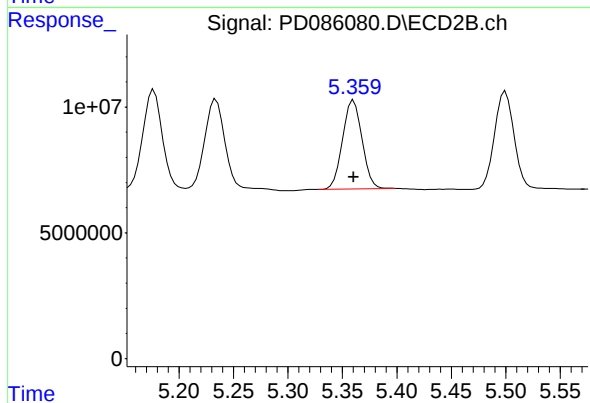
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 49283720
Conc: 6.55 ng/ml



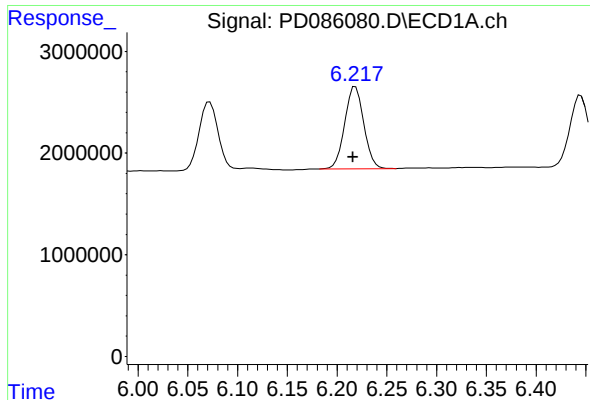
#12 4,4'-DDE

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 8704745
Conc: 5.02 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 43923613
Conc: 6.47 ng/ml



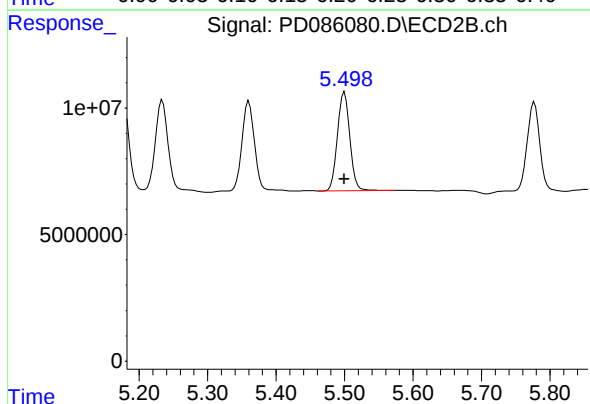
#13 Dieldrin

R.T.: 6.218 min
Delta R.T.: 0.002 min
Response: 10788547
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

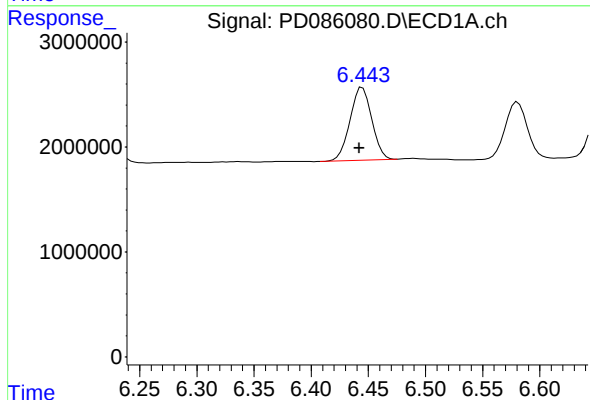
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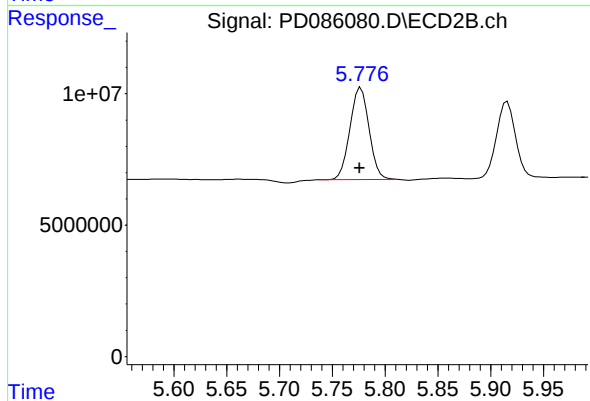
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 49062189
Conc: 6.48 ng/ml



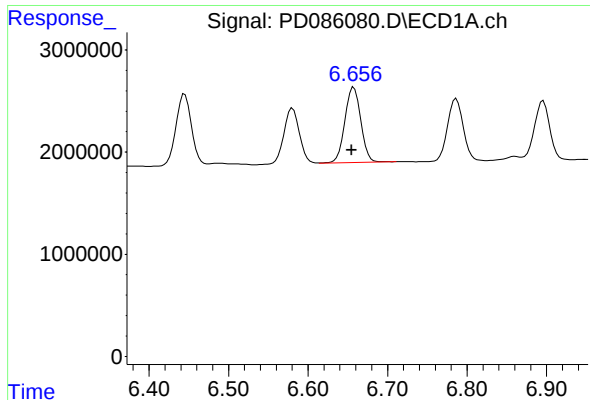
#14 Endrin

R.T.: 6.445 min
Delta R.T.: 0.003 min
Response: 9246210
Conc: 5.43 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.001 min
Response: 44105199
Conc: 7.09 ng/ml



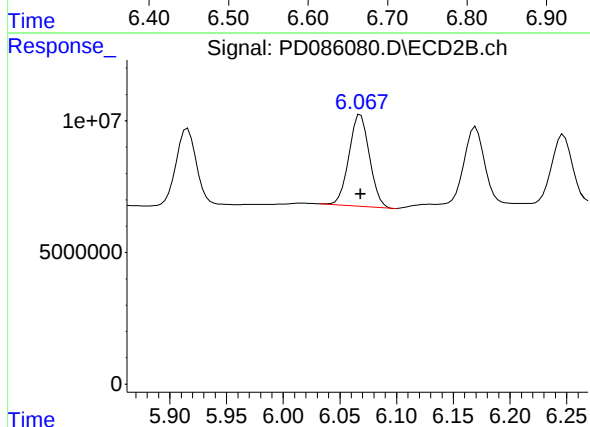
#15 Endosulfan II

R.T.: 6.658 min
Delta R.T.: 0.003 min
Response: 10347013
Conc: 5.66 ng/ml

Instrument :
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ClientSampleId :
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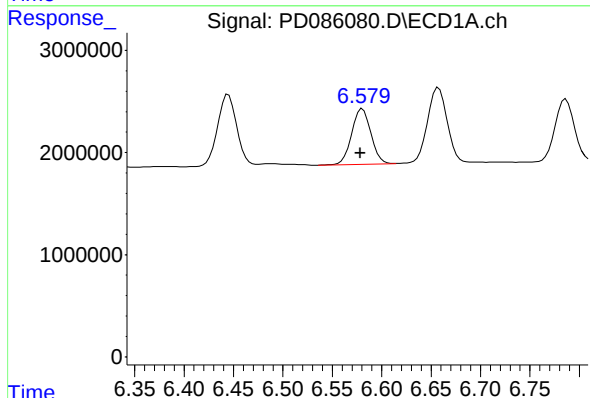
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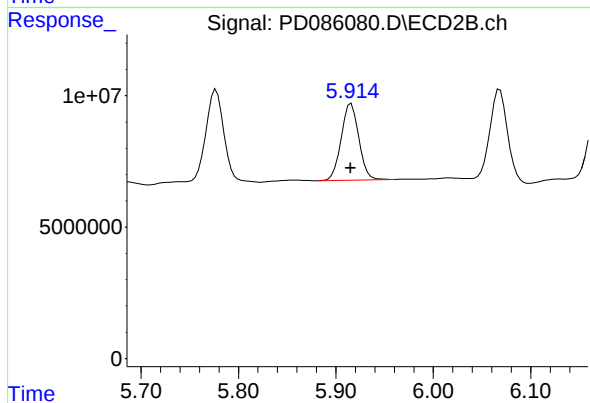
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 43853055
Conc: 6.92 ng/ml



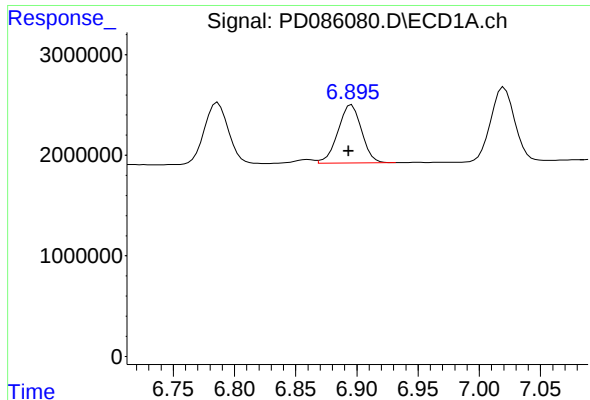
#16 4,4'-DDD

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 7404837
Conc: 5.41 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 36632420
Conc: 7.06 ng/ml



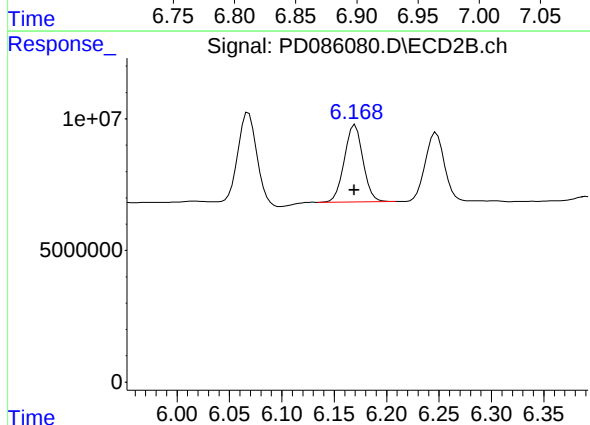
#17 4,4'-DDT

R.T.: 6.896 min
Delta R.T.: 0.003 min
Response: 7803152
Conc: 5.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

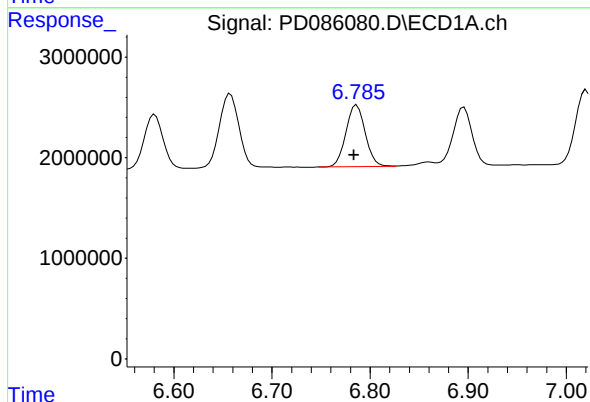
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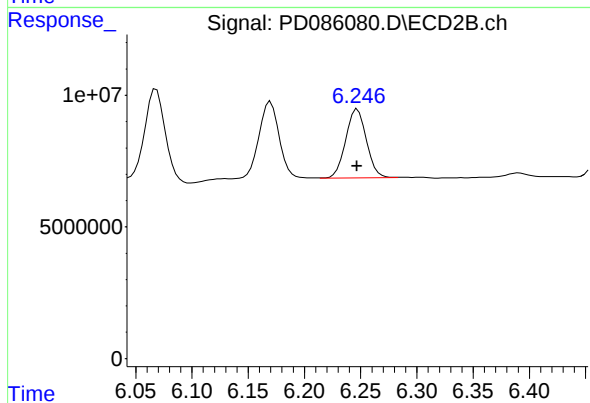
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 36559863
Conc: 6.92 ng/ml m



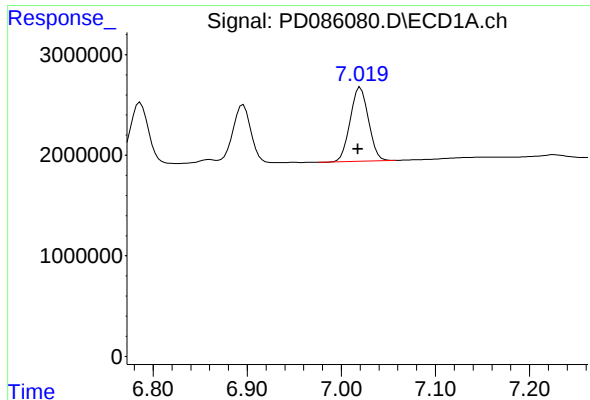
#18 Endrin aldehyde

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 8402462
Conc: 5.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 33523981
Conc: 6.39 ng/ml m



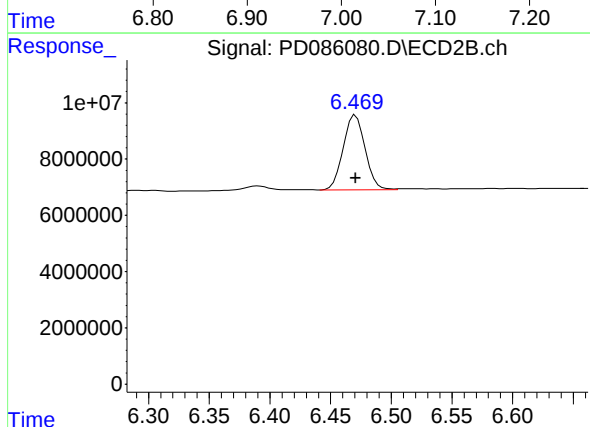
#19 Endosulfan Sulfate

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 9872883
Conc: 5.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

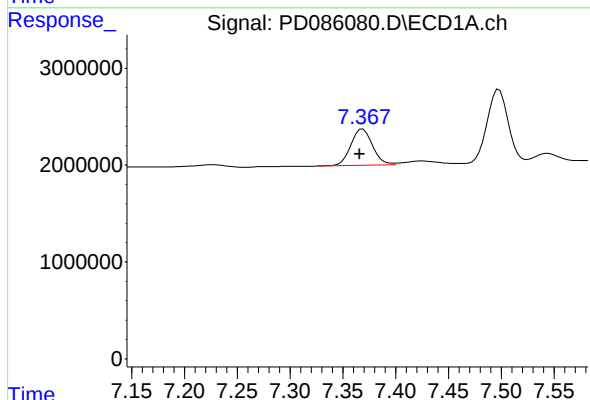
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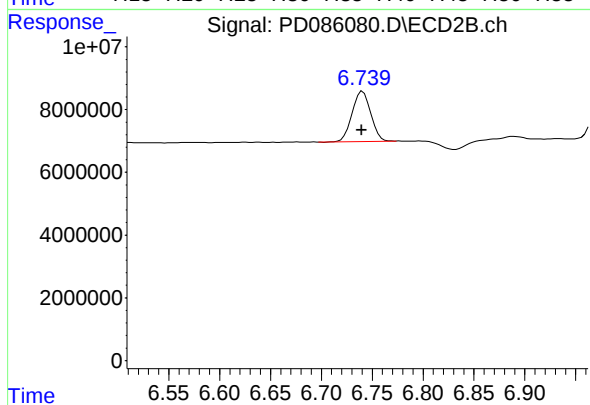
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 33411274
Conc: 5.95 ng/ml



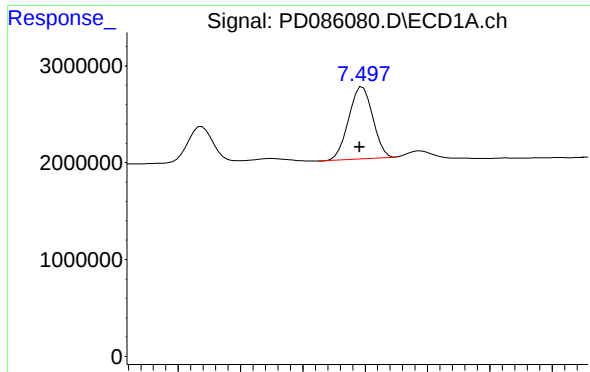
#20 Methoxychlor

R.T.: 7.369 min
Delta R.T.: 0.003 min
Response: 5360184
Conc: 5.95 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.001 min
Response: 20309930
Conc: 7.60 ng/ml



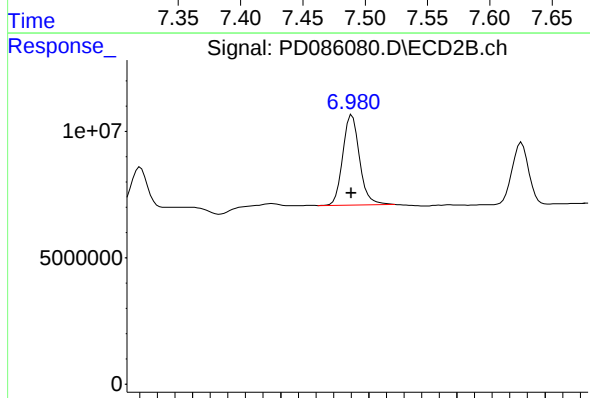
#21 Endrin ketone

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 9941514
Conc: 5.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

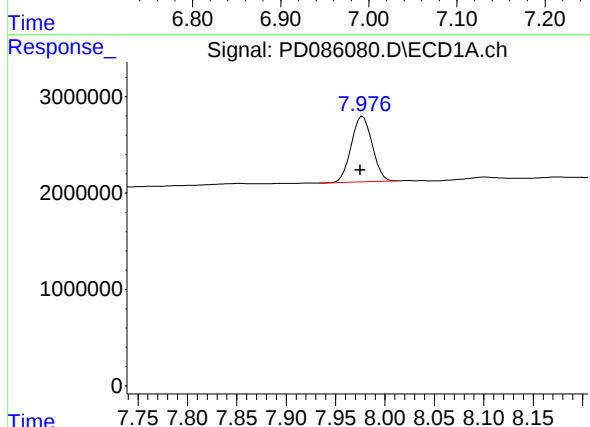
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



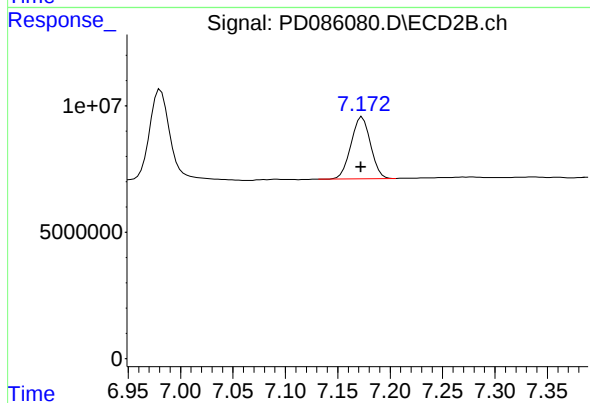
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 47432218
Conc: 6.86 ng/ml



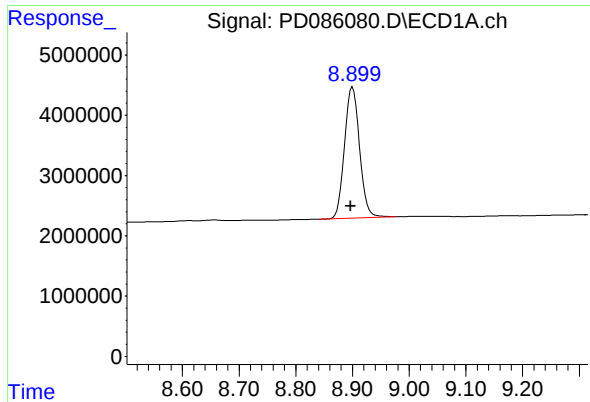
#22 Mirex

R.T.: 7.978 min
Delta R.T.: 0.003 min
Response: 10024237
Conc: 5.93 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 32024324
Conc: 5.47 ng/ml



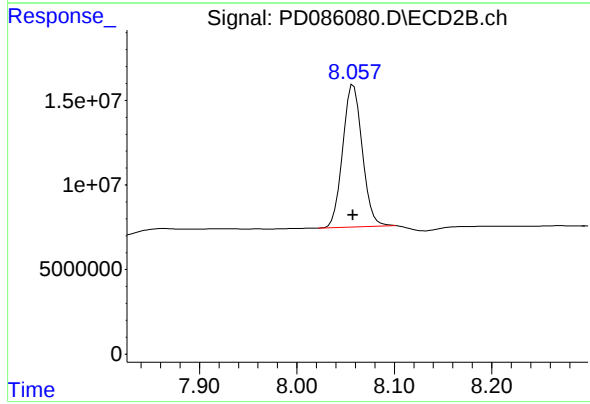
#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: 0.003 min
Response: 40013390
Conc: 18.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 117394765
Conc: 22.04 ng/ml