

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 14:40
 Operator : AR\AJ
 Sample : P4368-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:42:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.564	2.887	26423868	204.1E6	18.089	20.636
28) SA Decachlor...	9.103	8.096	39234806	241.5E6	20.465	22.549
Target Compounds						
2) A alpha-BHC	4.013	3.401	12184441	87888461	4.252	5.792 #
3) MA gamma-BHC...	4.345	3.738	12248344	82958925	4.275	5.674 #
4) MA Heptachlor	4.947	4.095	12880298	85711625	4.709	6.084 #
5) MB Aldrin	5.289	4.380	12969824	82324010	4.720	5.648m
6) B beta-BHC	4.529	4.034	6088628	41287711	5.326	6.475
7) B delta-BHC	4.778	4.270	14211783	83214996	4.808	5.597m
8) B Heptachlo...	5.707	4.887	12206834	80890365	4.956m	6.136
9) A Endosulfan I	6.093	5.261	11537498	72208672	5.026	5.812m
10) B gamma-Chl...	5.963	5.141	11671445	82705291	4.848m	6.076 #
11) B alpha-Chl...	6.044	5.206	10910060	82697427	4.508m	6.181 #
12) B 4,4'-DDE	6.214	5.390	10287430	76015551	4.601	5.809m#
13) MA Dieldrin	6.367	5.528	11769297	82013491	4.729	6.016 #
14) MA Endrin	6.592	5.805	9786506	76776019	4.540m	6.257 #
15) B Endosulfa...	6.803	6.097	10806346	74094647	5.000m	6.172
16) A 4,4'-DDD	6.722	5.947	8614662	65123383	4.767m	5.914
17) MA 4,4'-DDT	7.039	6.202	8607017	67825507	4.701m	5.848
18) B Endrin al...	6.934	6.276	8710952	59808636	5.268	6.379
19) B Endosulfa...	7.168	6.500	10035733	72846701	4.995	6.293 #
20) A Methoxychlor	7.514	6.774	5500722	39692623	5.086	6.282
21) B Endrin ke...	7.650	7.009	11407079	85510202	5.028	6.724 #
22) Mirex	8.135	7.206	8546258	64141045	5.163	6.174

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 14:40
Operator : AR\AJ
Sample : P4368-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

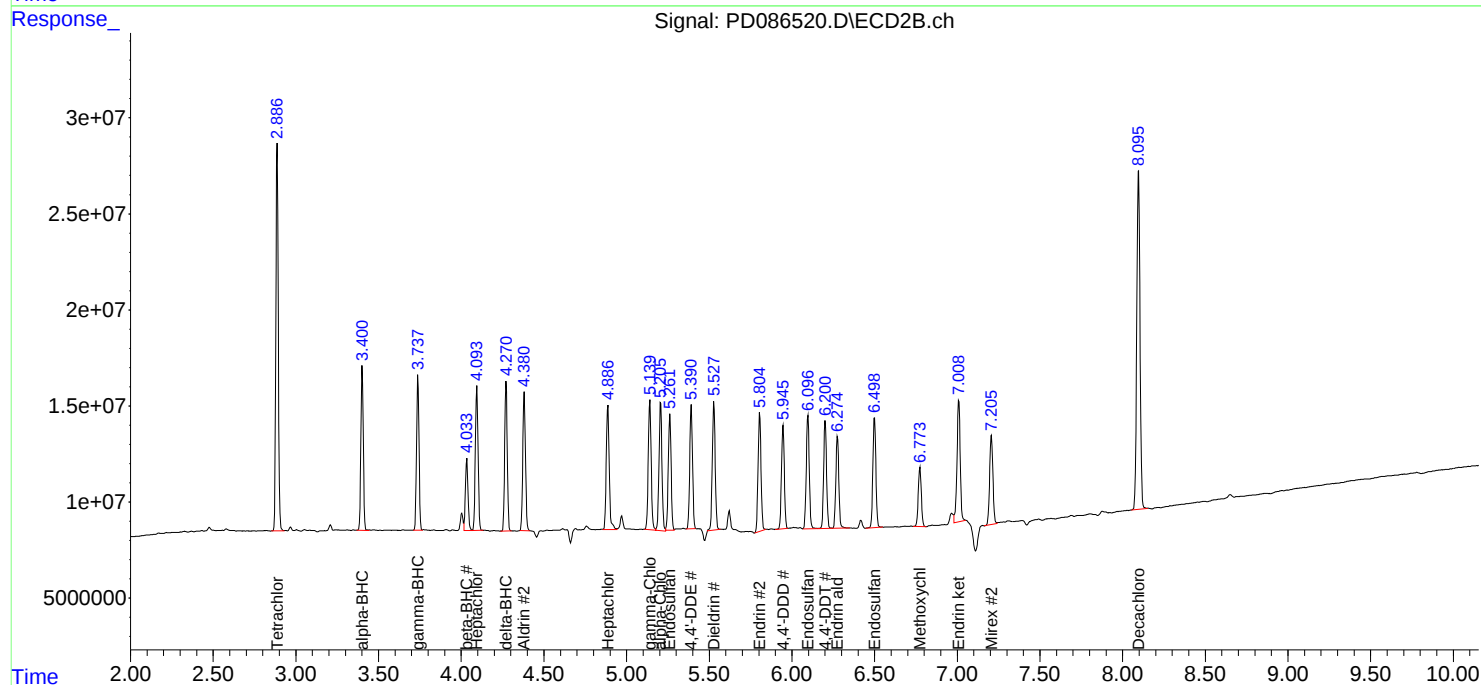
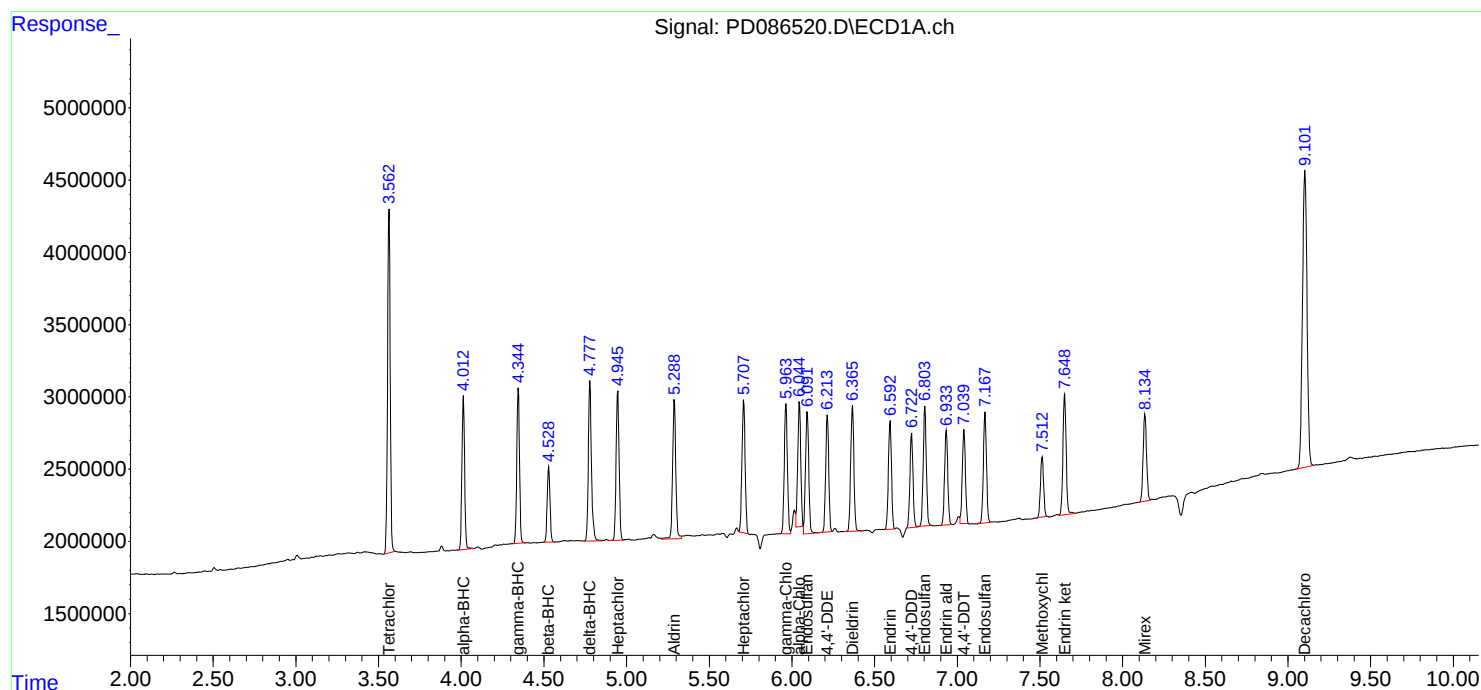
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

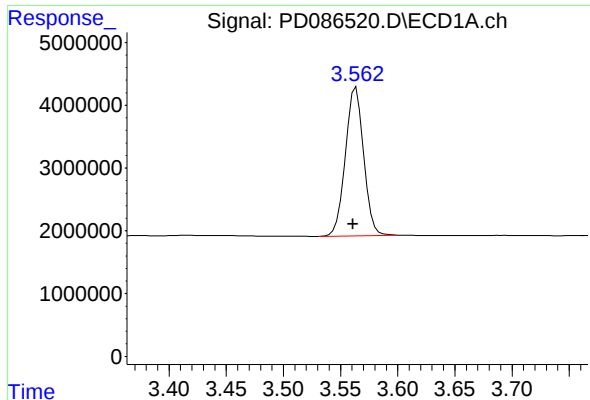
Manual Integrations
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Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:42:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





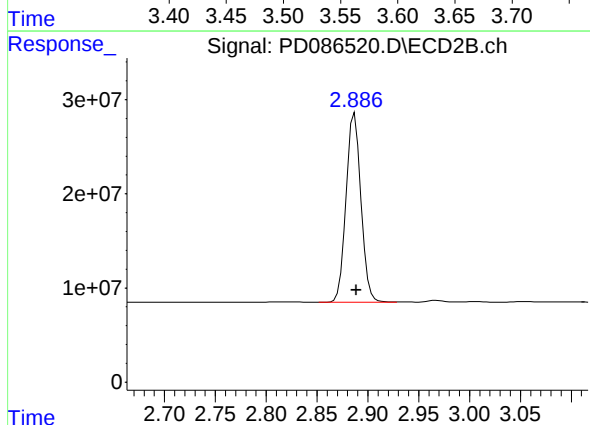
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.003 min
Response: 26423868
Conc: 18.09 ng/ml

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

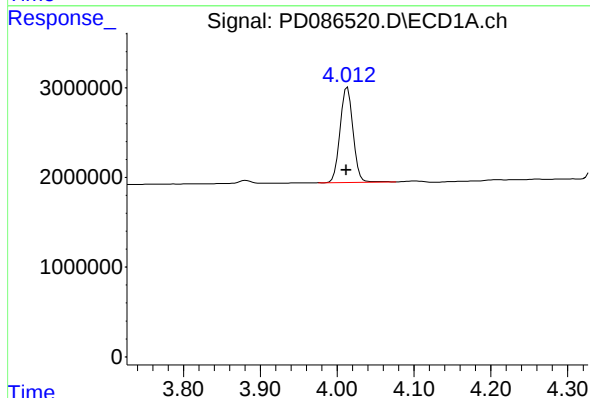
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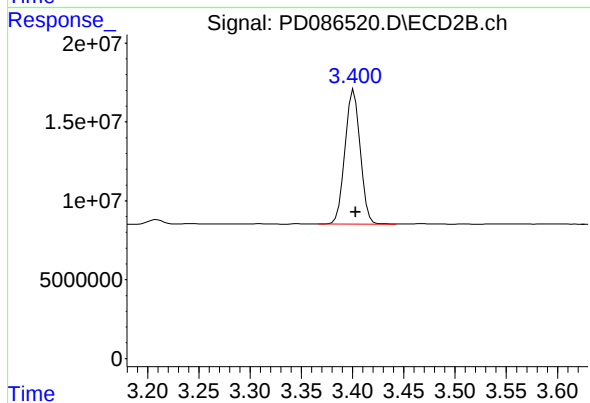
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.001 min
Response: 204079193
Conc: 20.64 ng/ml



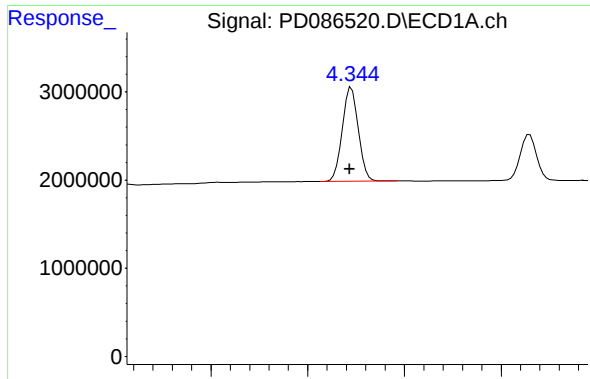
#2 alpha-BHC

R.T.: 4.013 min
Delta R.T.: 0.002 min
Response: 12184441
Conc: 4.25 ng/ml



#2 alpha-BHC

R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 87888461
Conc: 5.79 ng/ml



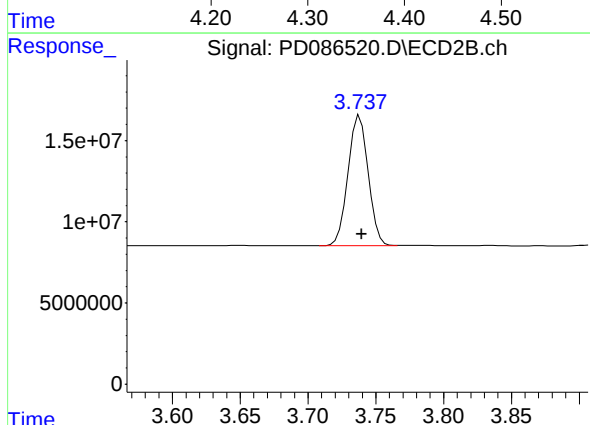
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.002 min
Response: 12248344
Conc: 4.27 ng/ml

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

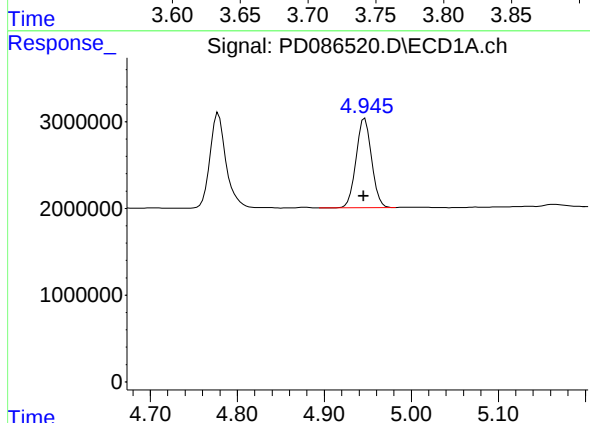
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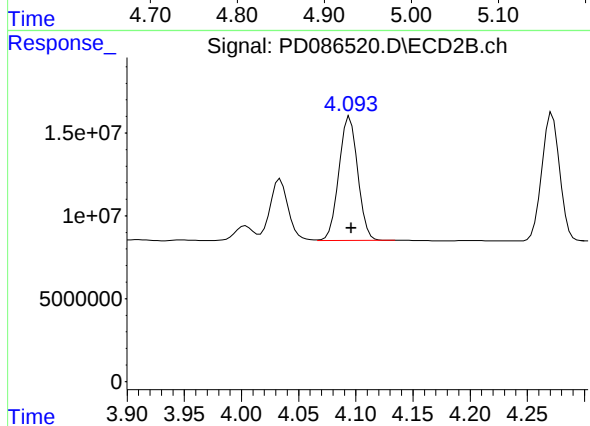
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 82958925
Conc: 5.67 ng/ml



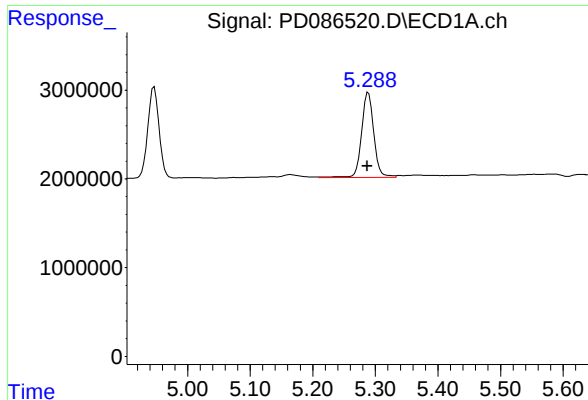
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 12880298
Conc: 4.71 ng/ml



#4 Heptachlor

R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 85711625
Conc: 6.08 ng/ml



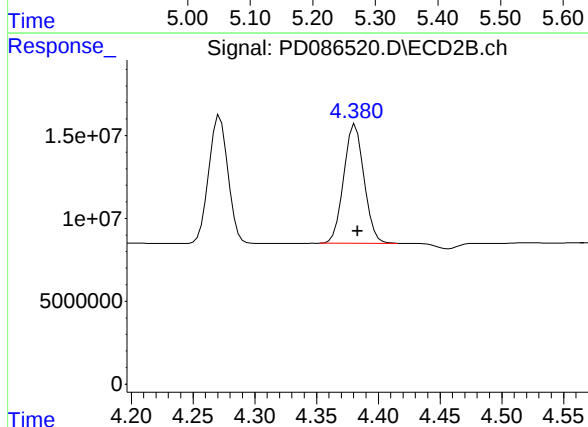
#5 Aldrin

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 12969824
Conc: 4.72 ng/ml

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

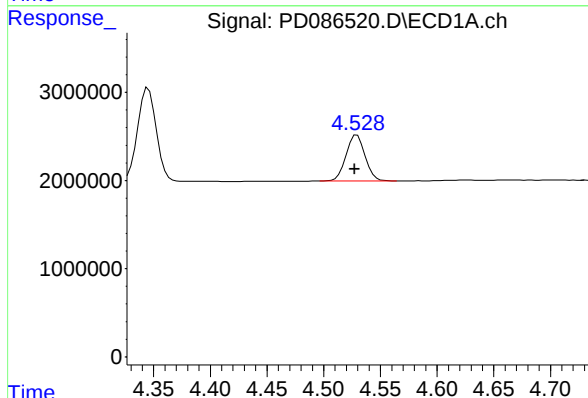
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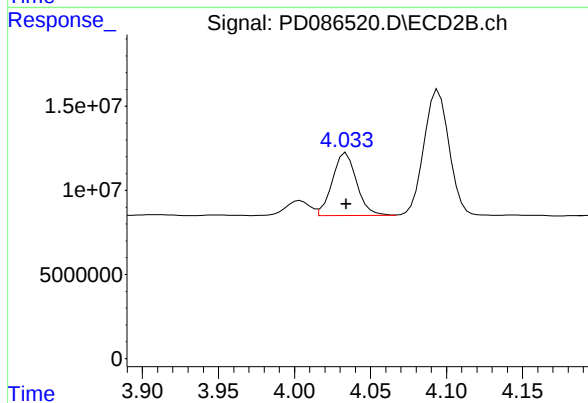
#5 Aldrin

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 82324010
Conc: 5.65 ng/ml m



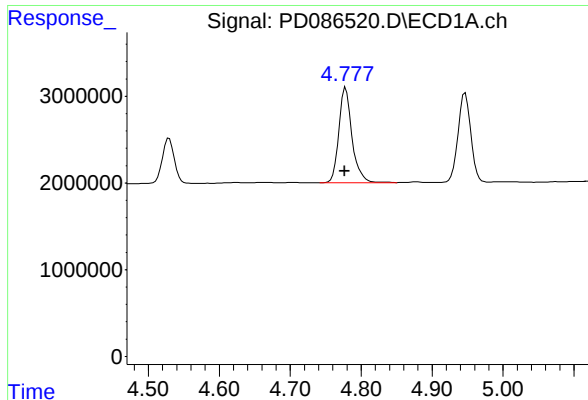
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 6088628
Conc: 5.33 ng/ml



#6 beta-BHC

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 41287711
Conc: 6.48 ng/ml



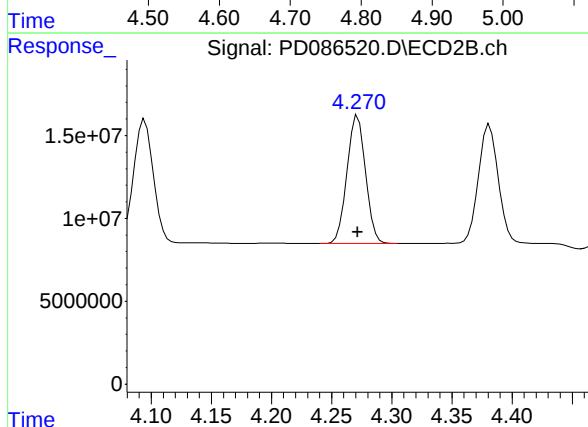
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.002 min
Response: 14211783
Conc: 4.81 ng/ml

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

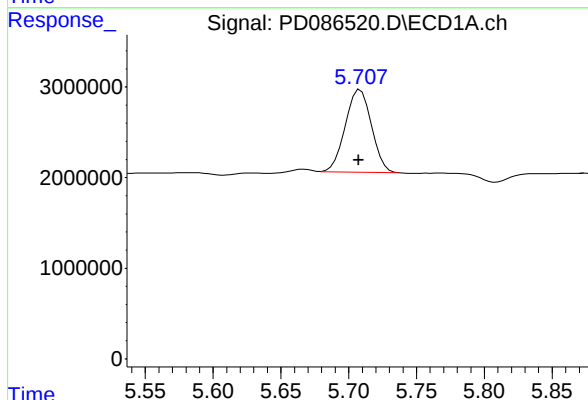
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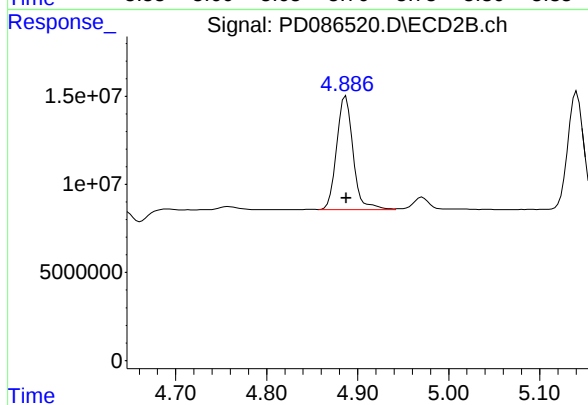
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 83214996
Conc: 5.60 ng/ml m



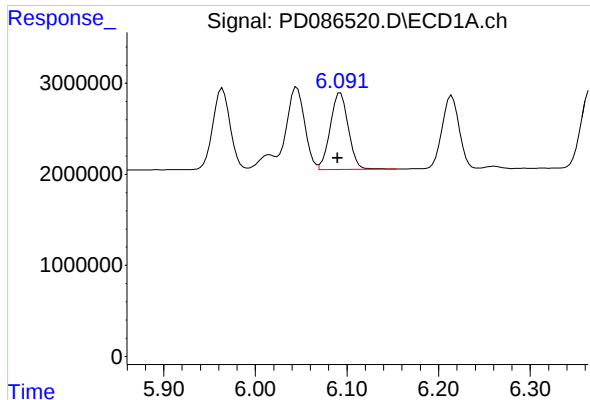
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 12206834
Conc: 4.96 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 80890365
Conc: 6.14 ng/ml



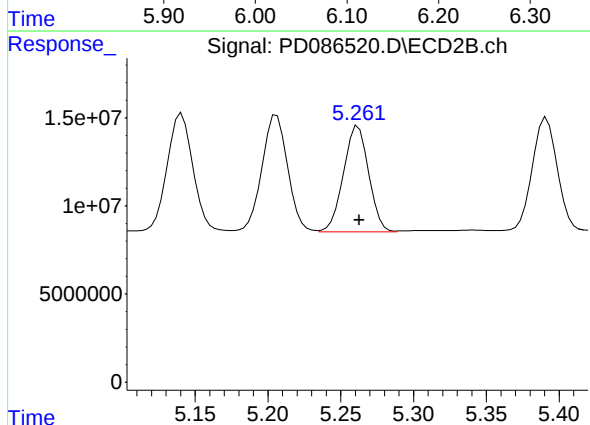
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: 0.003 min
Response: 11537498
Conc: 5.03 ng/ml

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

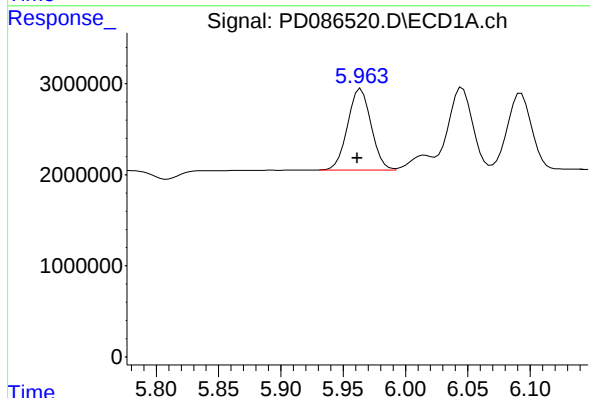
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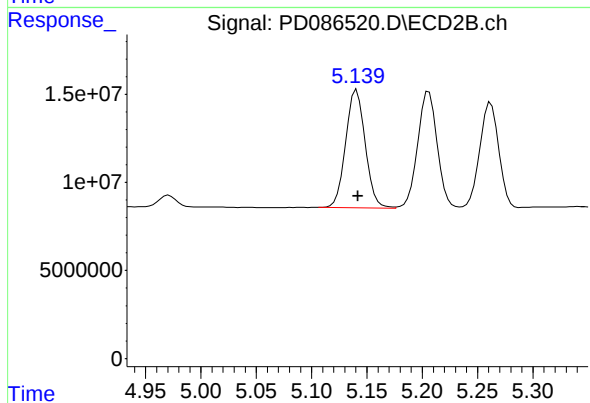
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 72208672
Conc: 5.81 ng/ml m



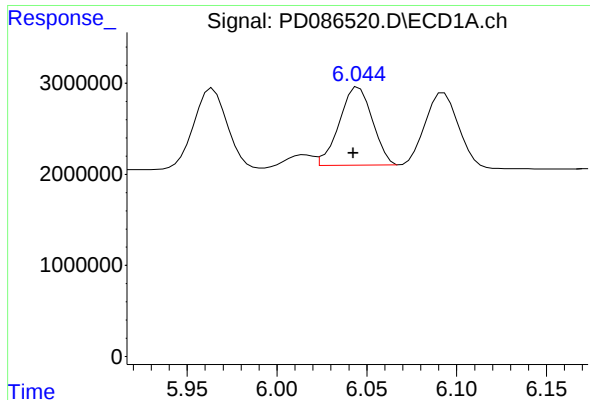
#10 gamma-Chlordane

R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 11671445
Conc: 4.85 ng/ml m



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 82705291
Conc: 6.08 ng/ml



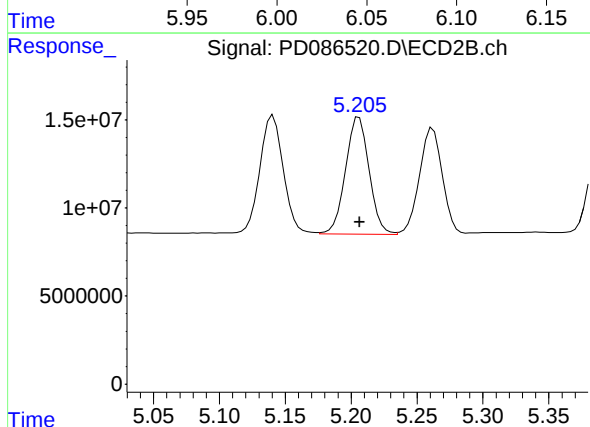
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 10910060
Conc: 4.51 ng/ml

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

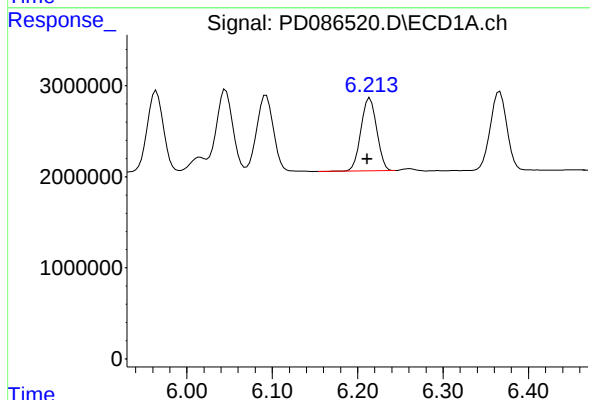
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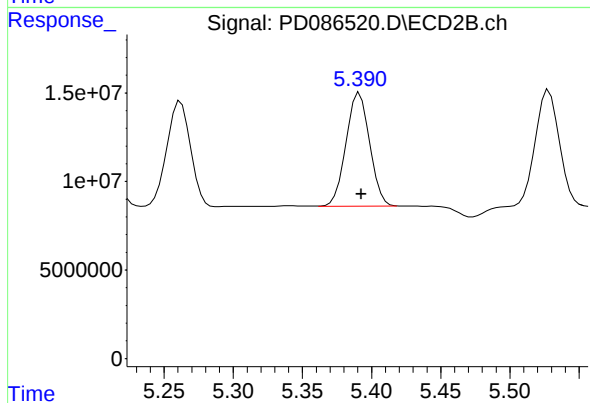
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 82697427
Conc: 6.18 ng/ml



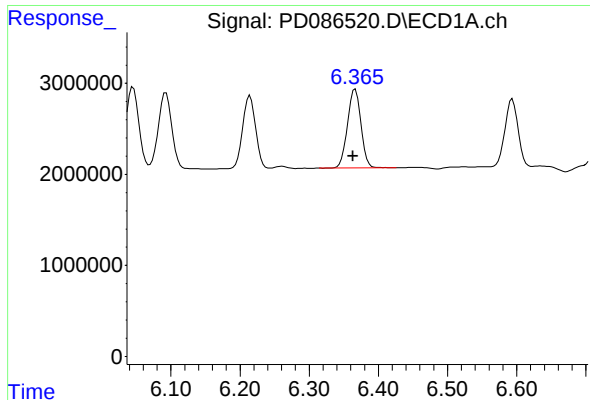
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 10287430
Conc: 4.60 ng/ml



#12 4,4'-DDE

R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 76015551
Conc: 5.81 ng/ml m



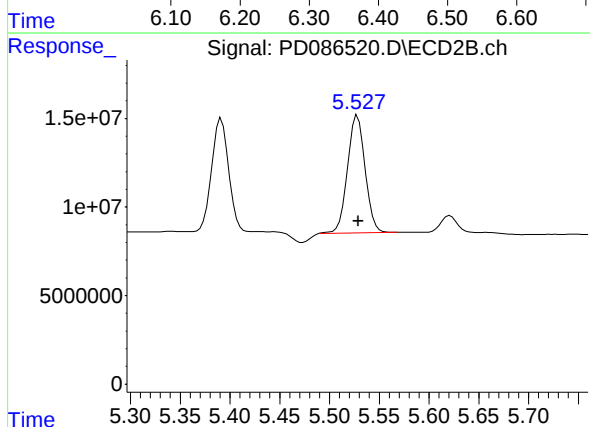
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 11769297
Conc: 4.73 ng/ml

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

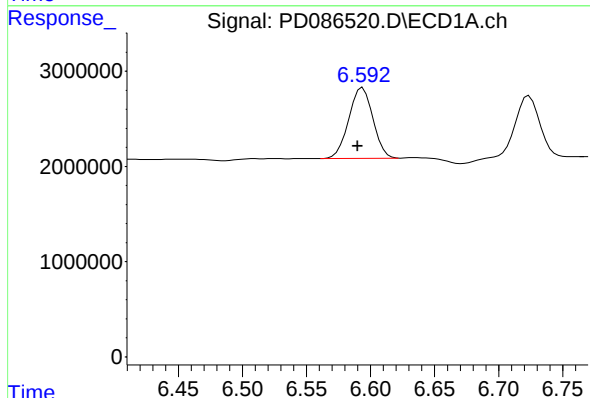
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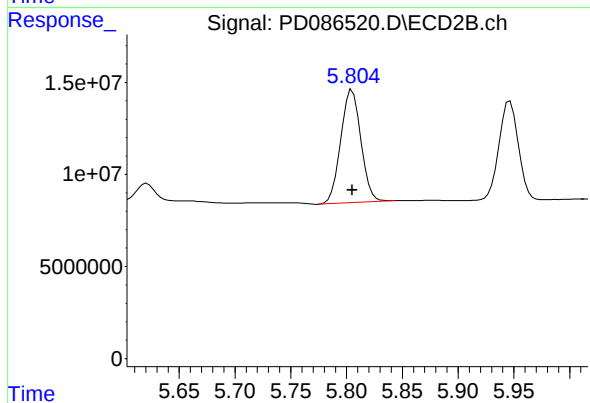
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 82013491
Conc: 6.02 ng/ml



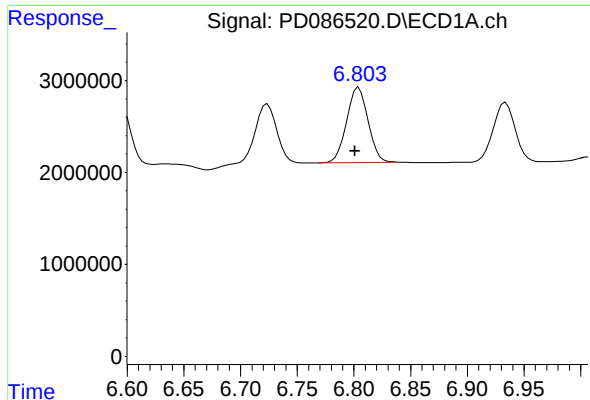
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.002 min
Response: 9786506
Conc: 4.54 ng/ml m



#14 Endrin

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 76776019
Conc: 6.26 ng/ml



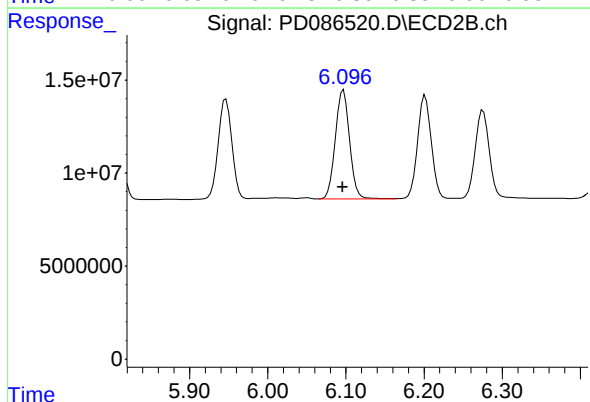
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 10806346
Conc: 5.00 ng/ml

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

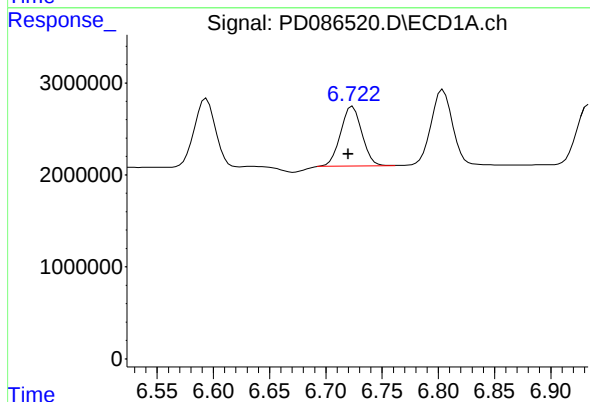
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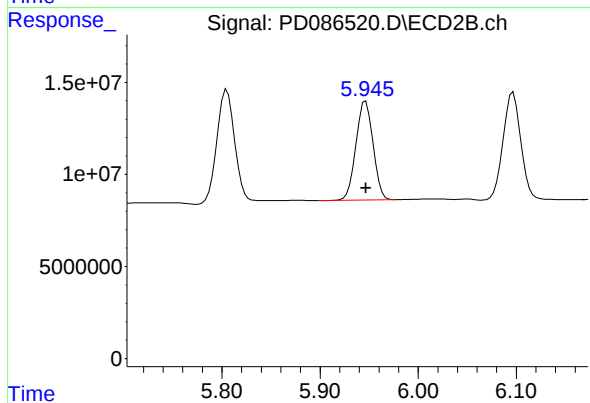
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 74094647
Conc: 6.17 ng/ml



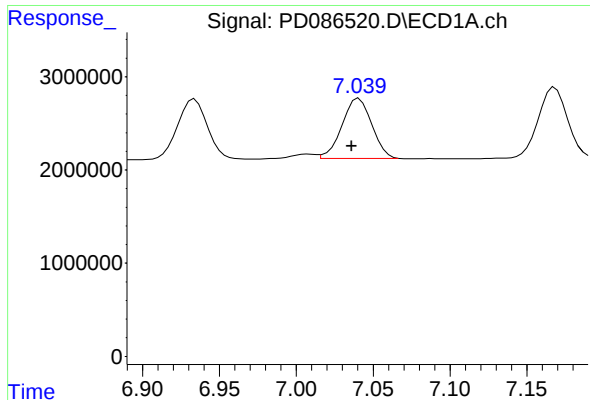
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.003 min
Response: 8614662
Conc: 4.77 ng/ml m



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 65123383
Conc: 5.91 ng/ml



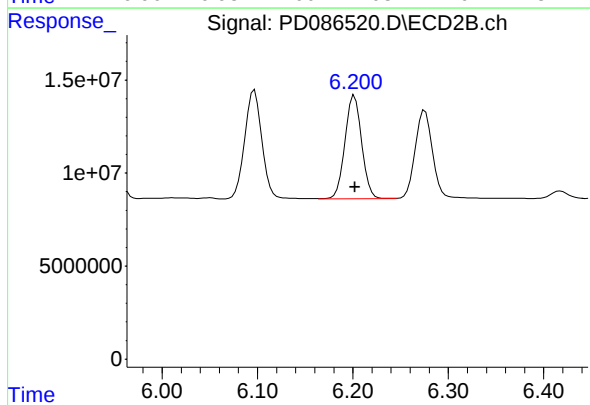
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.003 min
Response: 8607017
Conc: 4.70 ng/ml

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

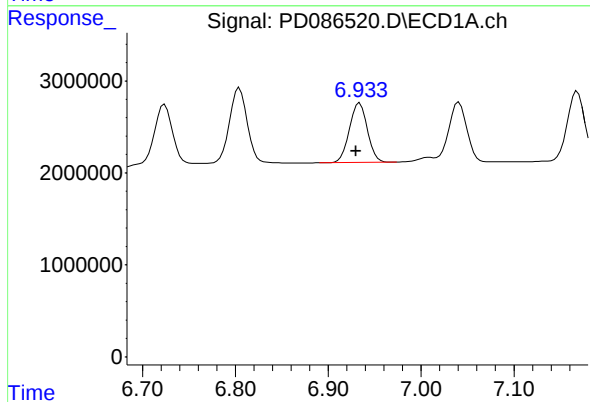
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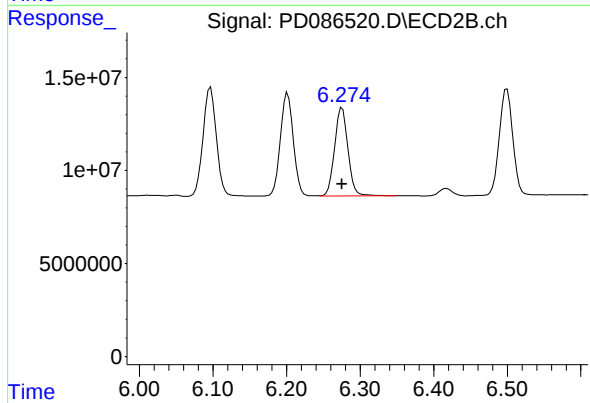
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 67825507
Conc: 5.85 ng/ml



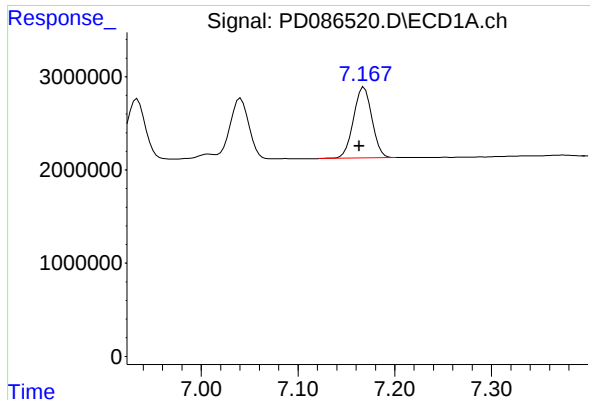
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: 8710952
Conc: 5.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 59808636
Conc: 6.38 ng/ml



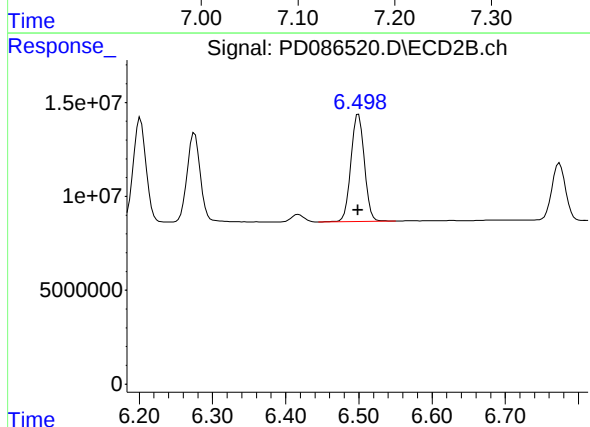
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.005 min
Response: 10035733
Conc: 4.99 ng/ml

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

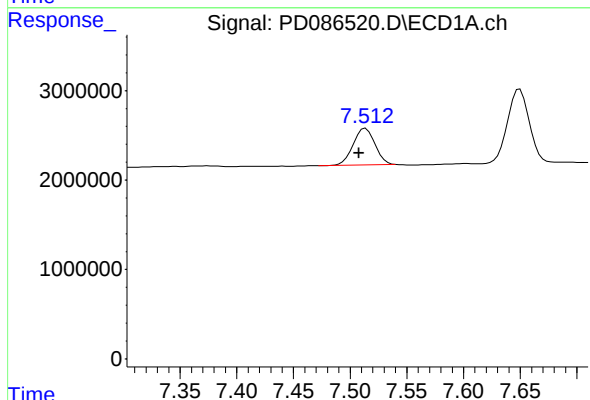
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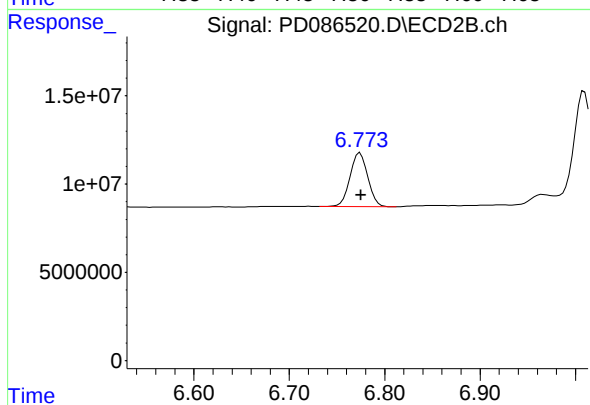
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 72846701
Conc: 6.29 ng/ml



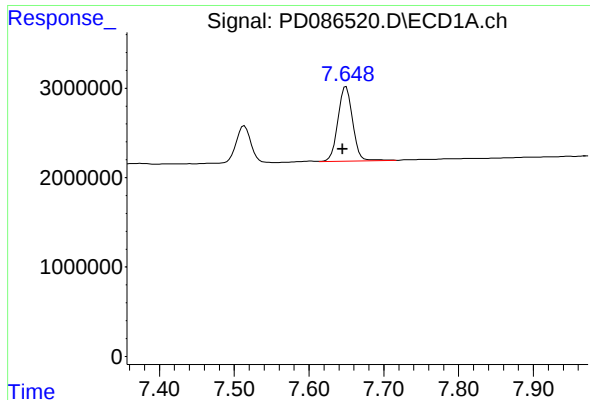
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.006 min
Response: 5500722
Conc: 5.09 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 39692623
Conc: 6.28 ng/ml



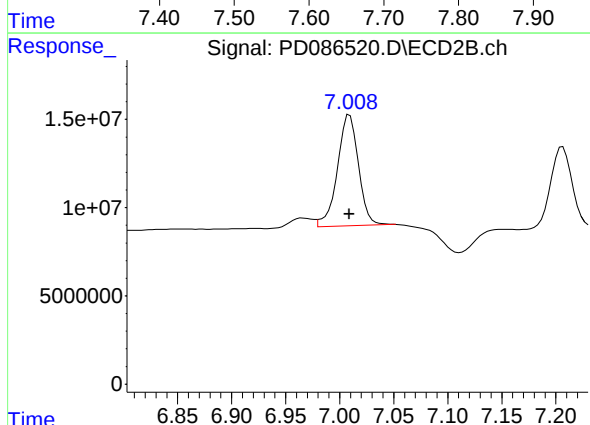
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 11407079
Conc: 5.03 ng/ml

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

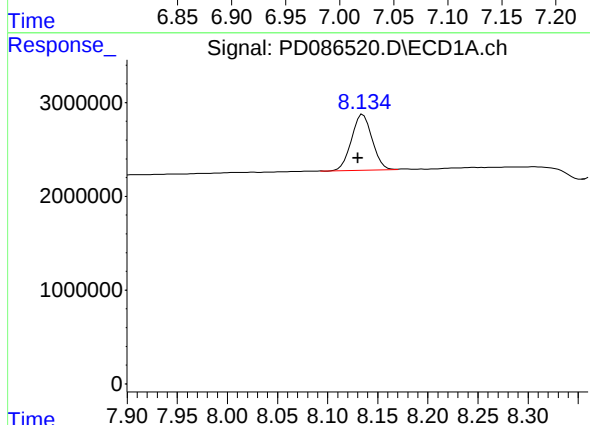
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



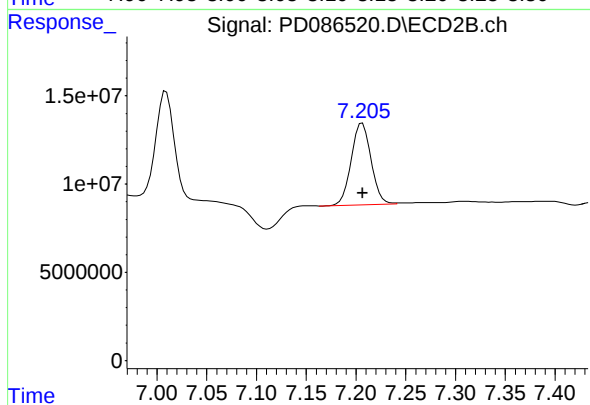
#21 Endrin ketone

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 85510202
Conc: 6.72 ng/ml



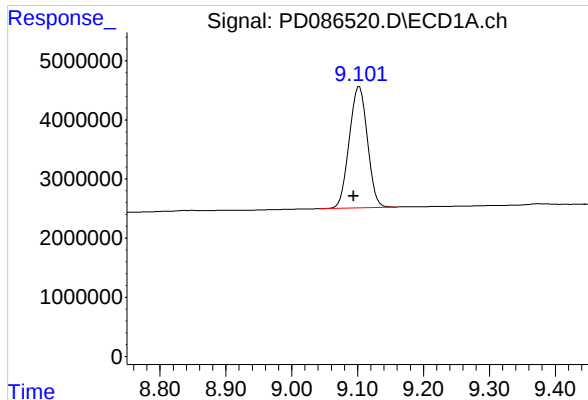
#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.005 min
Response: 8546258
Conc: 5.16 ng/ml



#22 Mirex

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 64141045
Conc: 6.17 ng/ml



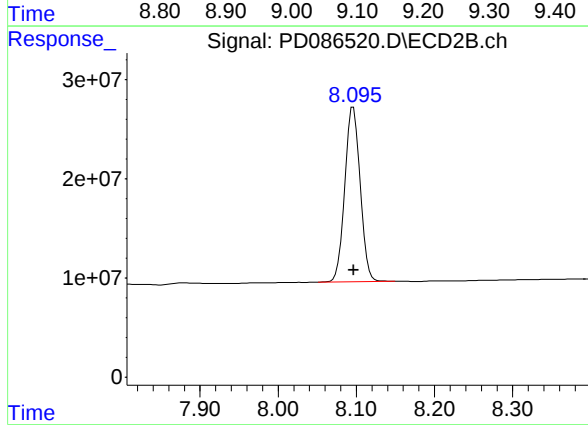
#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.009 min
Response: 39234806
Conc: 20.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 241547020
Conc: 22.55 ng/ml