

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 17:43
 Operator : AR\AJ
 Sample : Q1808-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OILY-SOIL-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/16/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:26:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 2025
 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.768	43297322	51568525	15.783m	13.858
28)	SA Decachlor...	9.054	7.902	32810373	59432404	13.627	13.510
Target Compounds							
2)	A alpha-BHC	3.992	3.270	179.0E6	243.8E6	44.532	44.027
3)	MA gamma-BHC...	4.324	3.600	181.2E6	240.0E6	47.131m	45.595
4)	MA Heptachlor	4.913	3.937	173.1E6	240.9E6	47.224	46.326
5)	MB Aldrin	5.254	4.216	168.5E6	220.9E6	47.750	45.317
6)	B beta-BHC	4.524	3.901	75384442	103.7E6	42.996	44.771
7)	B delta-BHC	4.770	4.127	169.5E6	209.0E6	43.258m	40.433m
8)	B Heptachlo...	5.680	4.718	153.1E6	213.4E6	47.676m	46.716m
9)	A Endosulfan I	6.068	5.090	142.5E6	151.6E6	45.985	34.925
10)	B gamma-Chl...	5.938	4.969	179.0E6	235.7E6	53.579	48.932
11)	B alpha-Chl...	6.017	5.033	176.5E6	232.7E6	53.161	49.106
12)	B 4,4'-DDE	6.191	5.221	113.4E6	228.4E6	34.690	47.441 #
13)	MA Dieldrin	6.343	5.351	149.3E6	222.8E6	45.320	46.414m
14)	MA Endrin	6.571	5.628	127.5E6	204.9E6	48.909m	49.042
15)	B Endosulfa...	6.794	5.923	126.0E6	202.7E6	44.177	46.169m
16)	A 4,4'-DDD	6.709	5.776	106.2E6	158.5E6	41.837	40.749
17)	MA 4,4'-DDT	7.023	6.026	121.9E6	192.5E6	47.902	46.212
18)	B Endrin al...	6.924	6.103	94320697	148.4E6	42.852	44.034
19)	B Endosulfa...	7.159	6.326	111.1E6	176.9E6	43.248	42.359
20)	A Methoxychlor	7.500	6.602	57733058	94373802	43.102	42.024
21)	B Endrin ke...	7.643	6.830	152.0E6	190.4E6	52.655m	37.767m#
22)	Mirex	8.115	7.009	94247659	140.2E6	44.306m	35.665m

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

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Data File : PL095247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 17:43
Operator : AR\AJ
Sample : Q1808-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

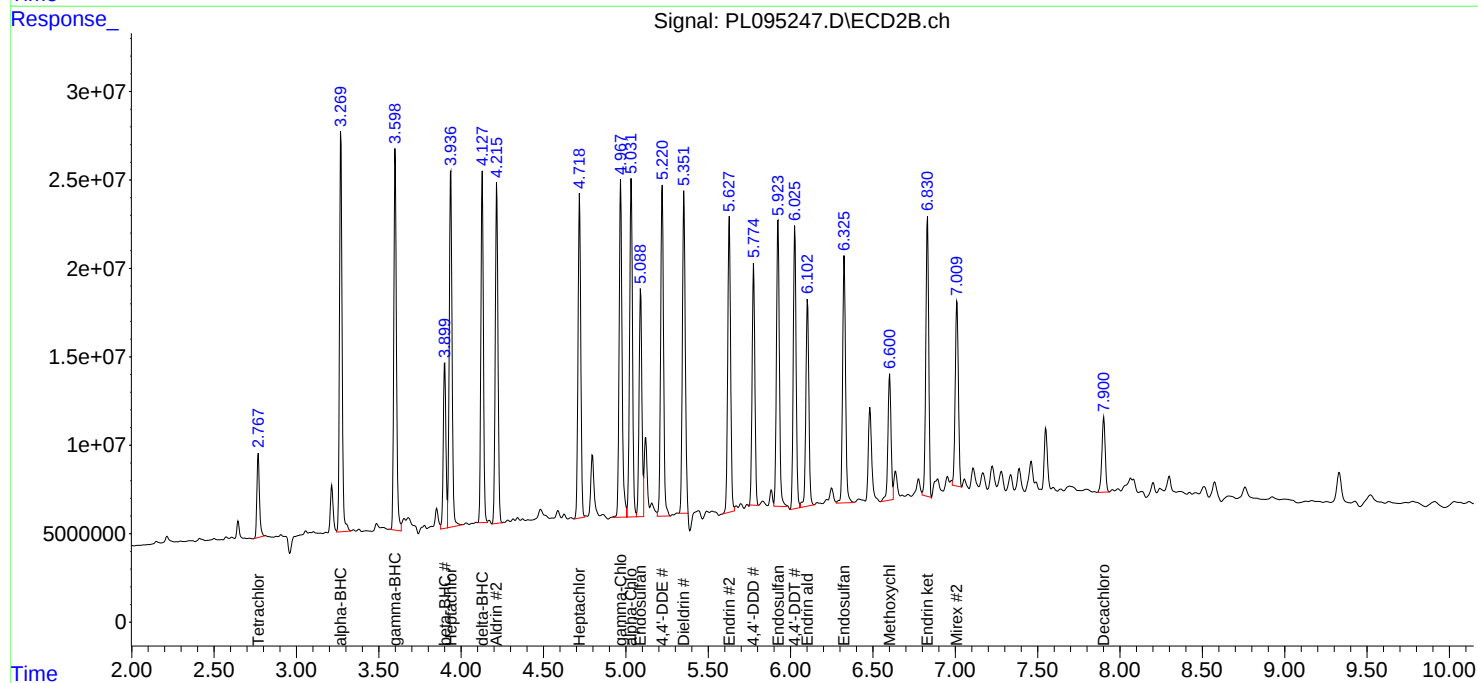
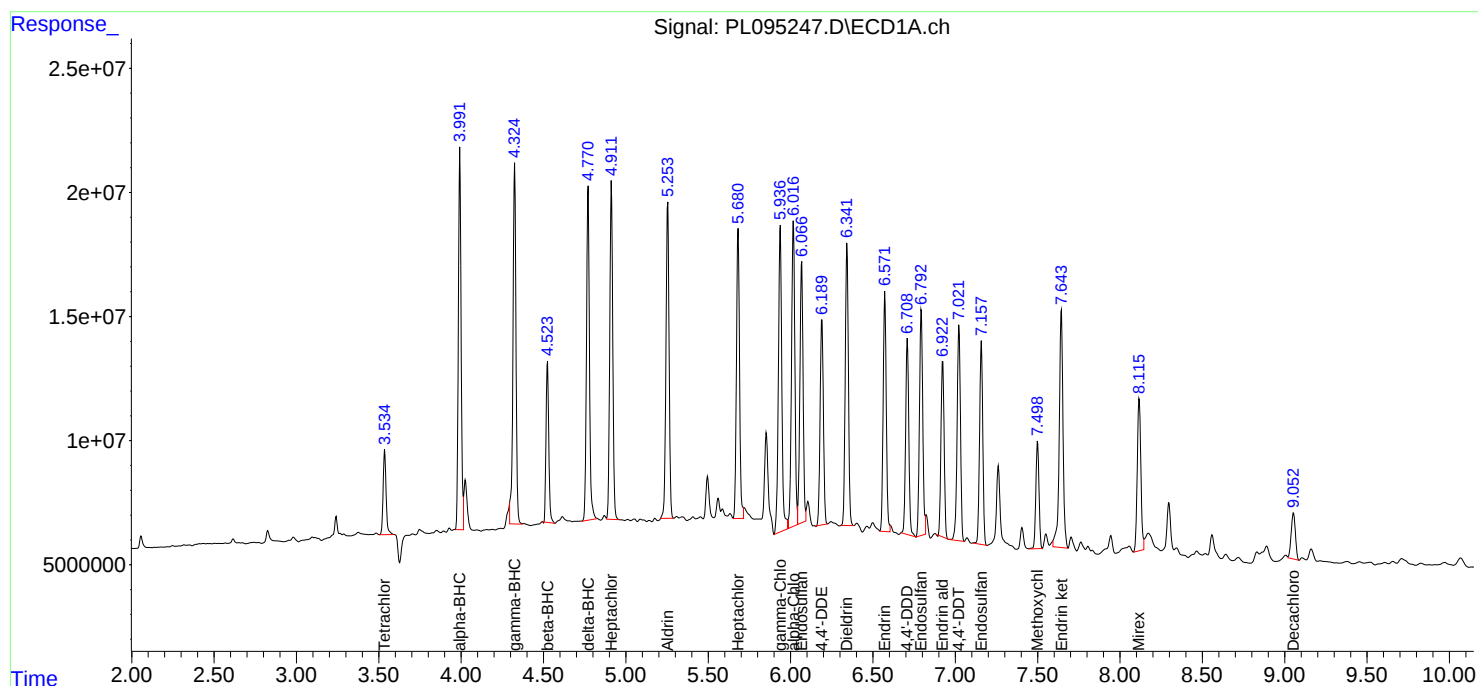
Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

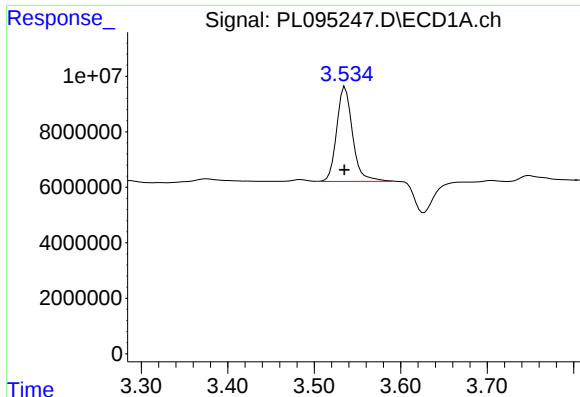
Manual Integrations
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Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:26:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 2025
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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 x0.25µm





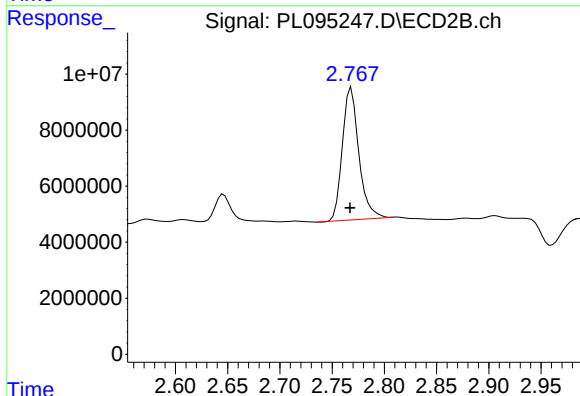
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 43297322
Conc: 15.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

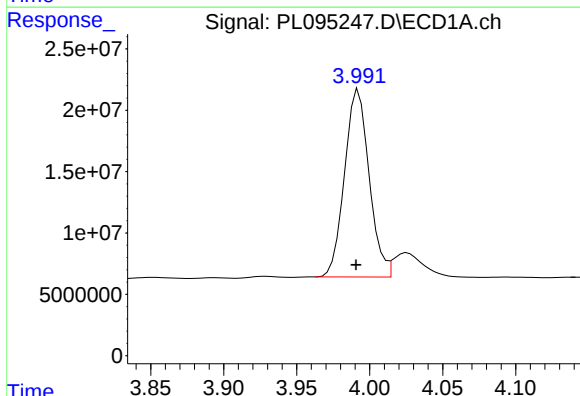
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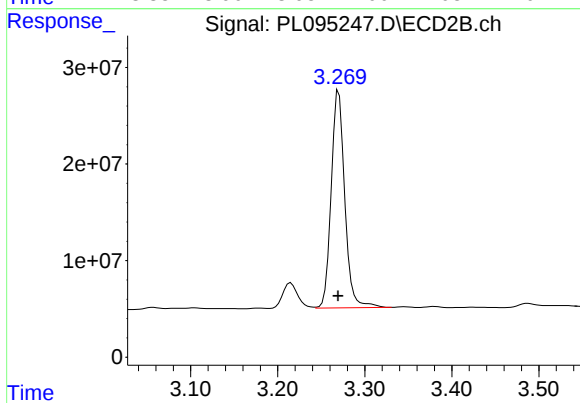
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 51568525
Conc: 13.86 ng/ml



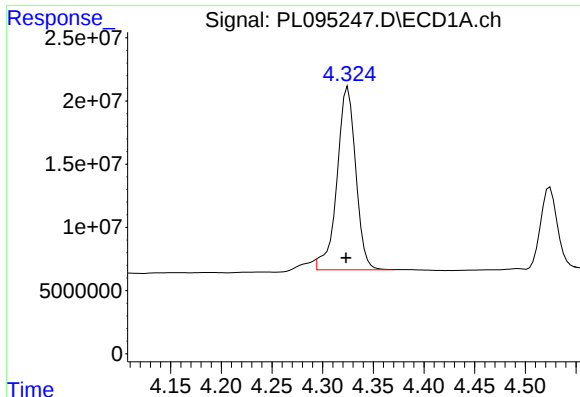
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 178981881
Conc: 44.53 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 243800197
Conc: 44.03 ng/ml



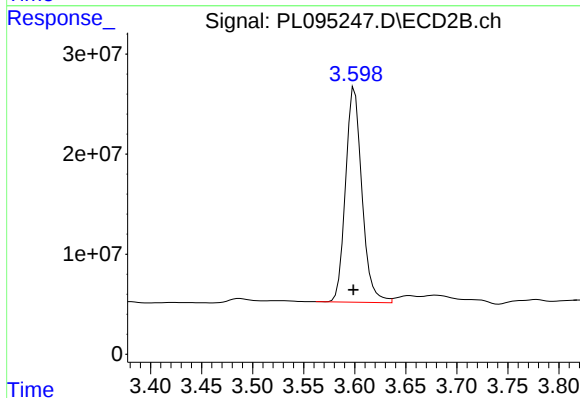
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 181246855
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

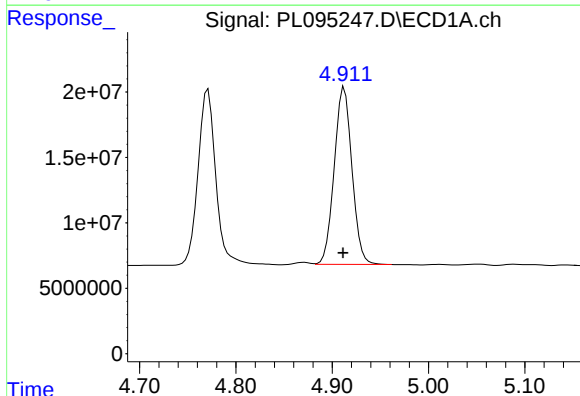
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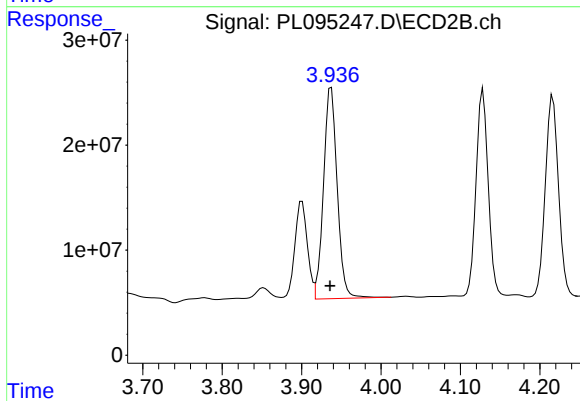
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.001 min
Response: 239973855
Conc: 45.60 ng/ml



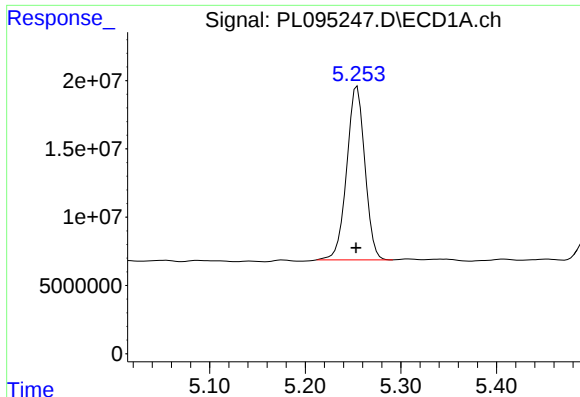
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 173141900
Conc: 47.22 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 240872308
Conc: 46.33 ng/ml



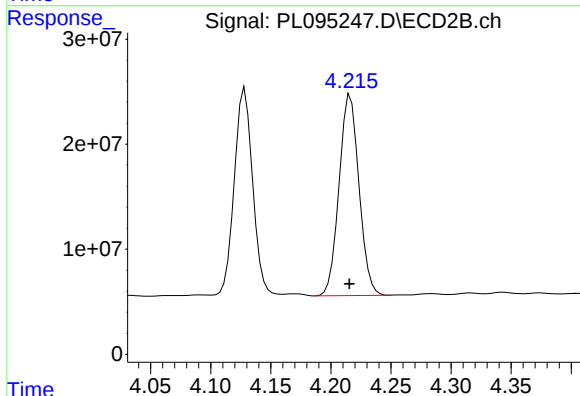
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 168517226
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

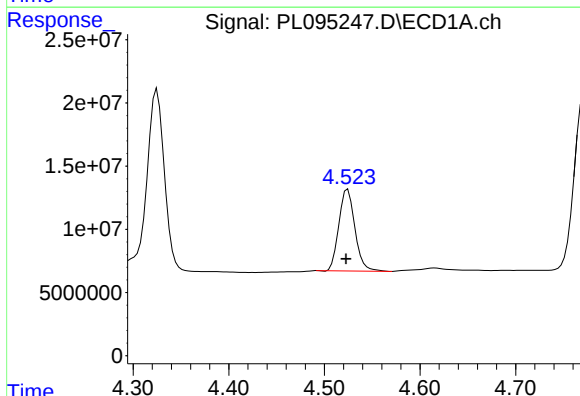
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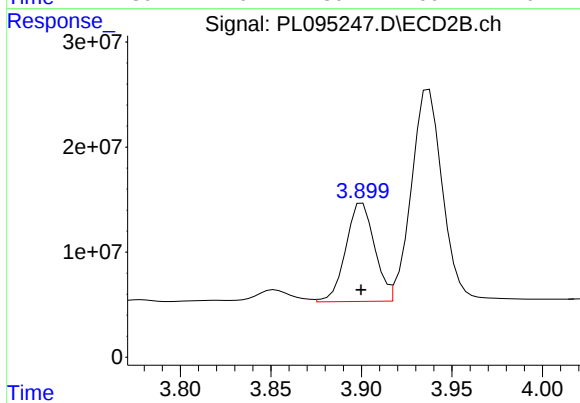
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 220851913
Conc: 45.32 ng/ml



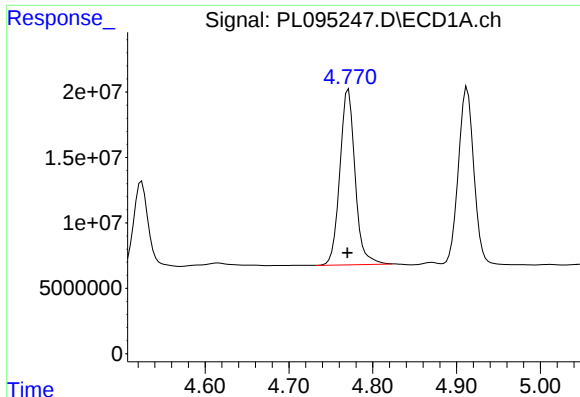
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 75384442
Conc: 43.00 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 103739990
Conc: 44.77 ng/ml



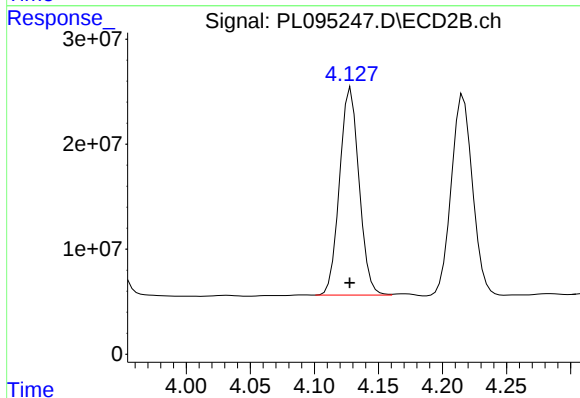
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 169510952
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

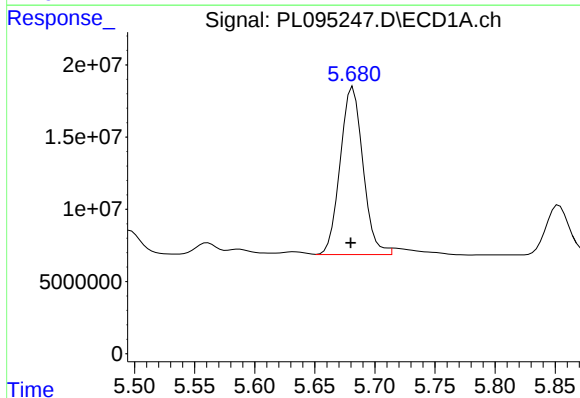
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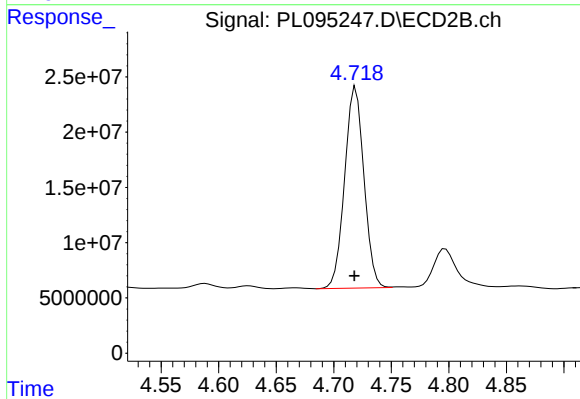
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 209038921
Conc: 40.43 ng/ml m



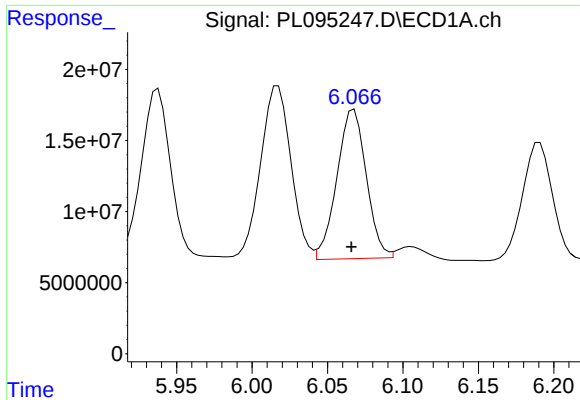
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 153076837
Conc: 47.68 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 213431106
Conc: 46.72 ng/ml m



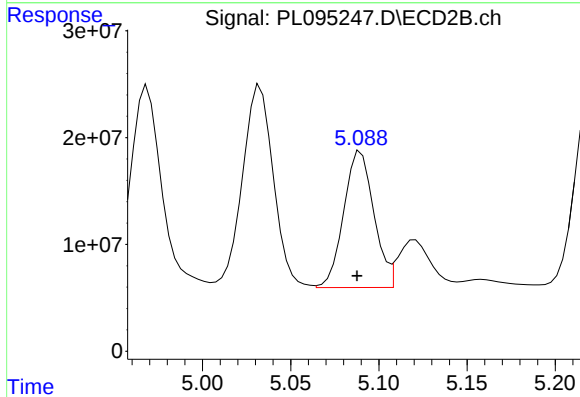
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 142482151
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

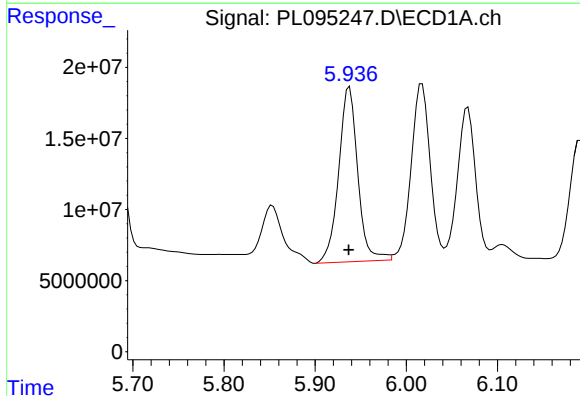
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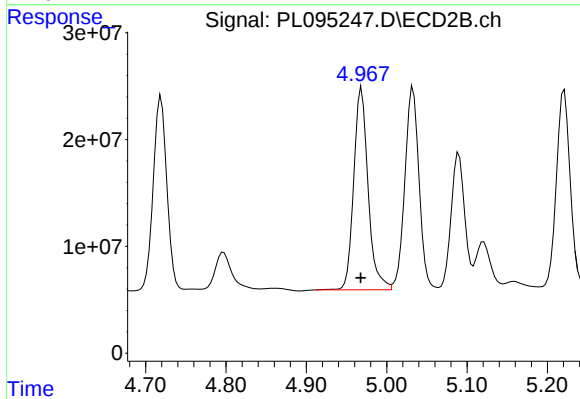
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 151604558
Conc: 34.92 ng/ml



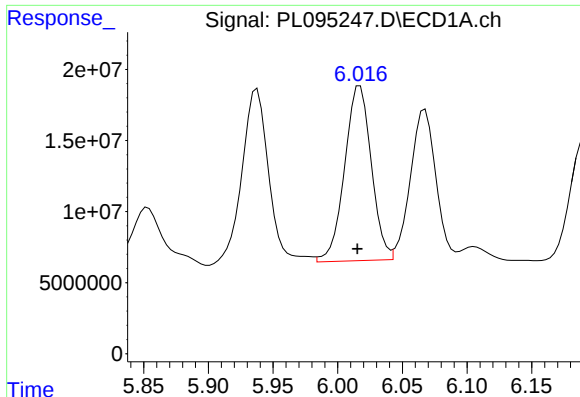
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.001 min
Response: 178977902
Conc: 53.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.001 min
Response: 235694757
Conc: 48.93 ng/ml



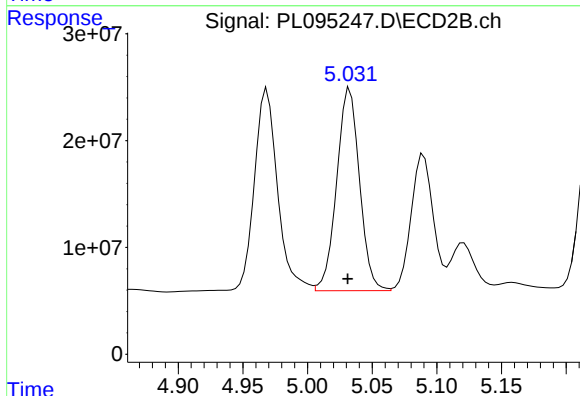
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 176468219
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

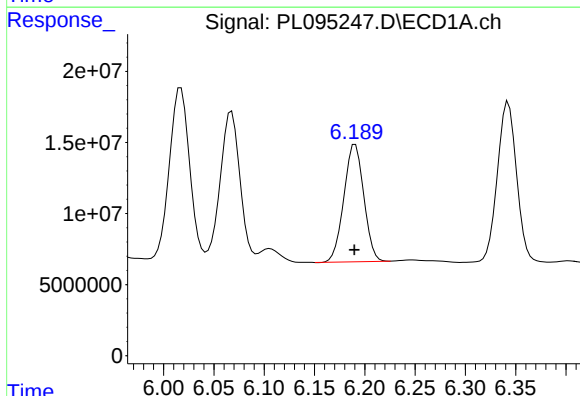
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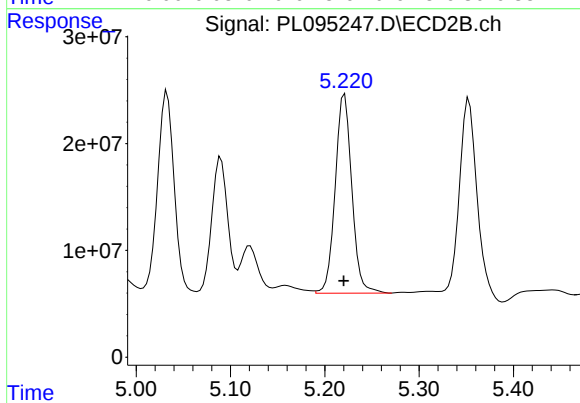
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.002 min
Response: 232742521
Conc: 49.11 ng/ml



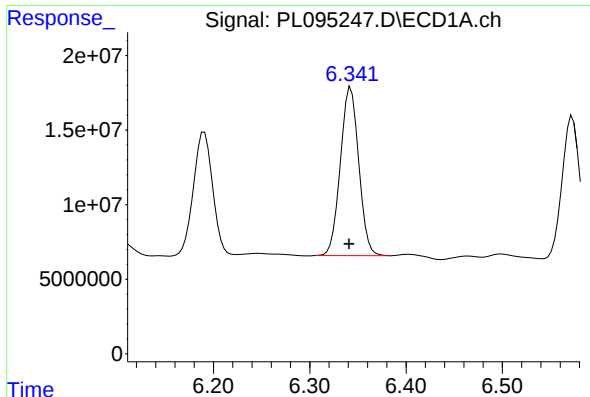
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 113431574
Conc: 34.69 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 228417576
Conc: 47.44 ng/ml



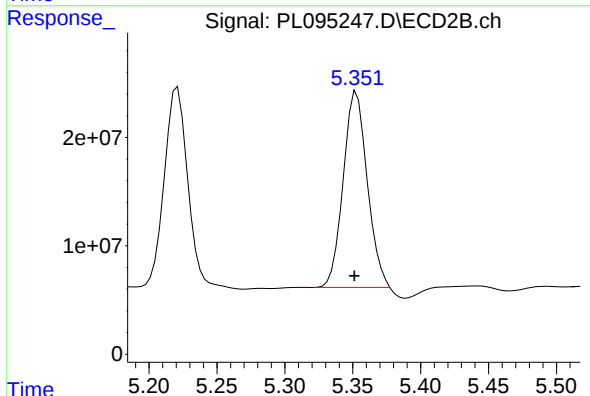
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 149332925
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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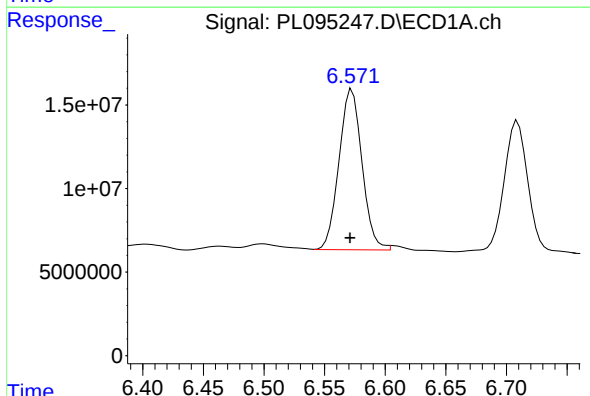
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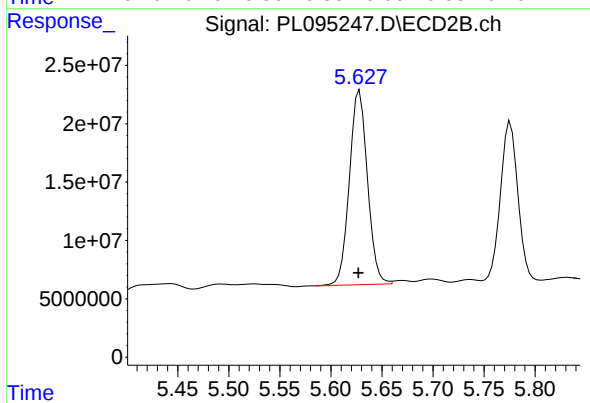
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 222791474
Conc: 46.41 ng/ml m



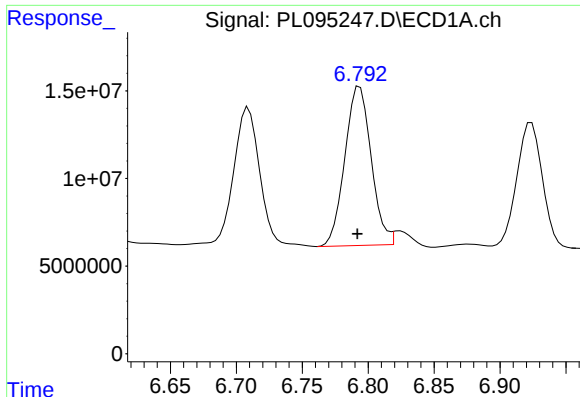
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 127463936
Conc: 48.91 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 204867734
Conc: 49.04 ng/ml



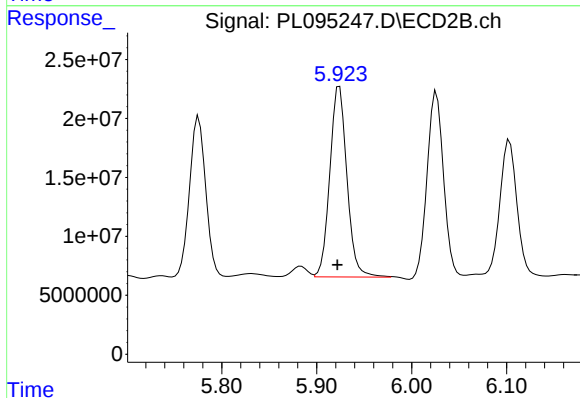
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 126007088
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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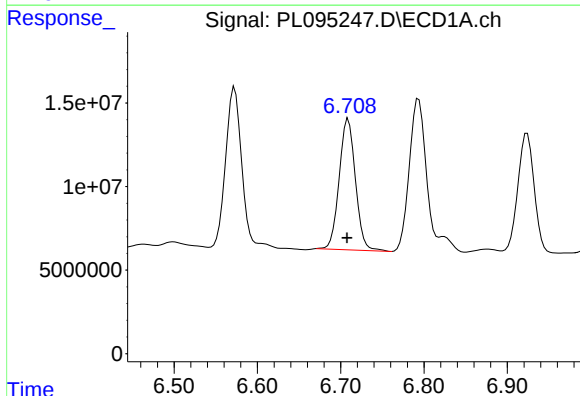
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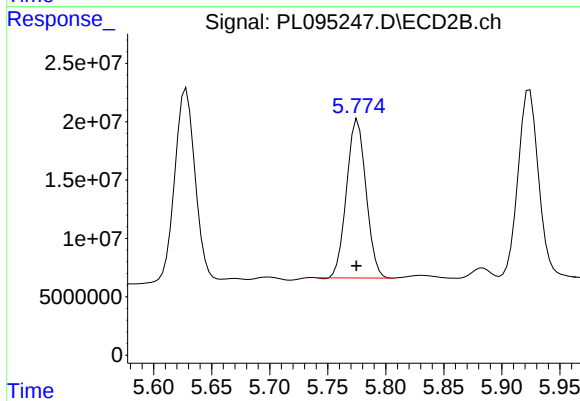
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 202695325
Conc: 46.17 ng/ml m



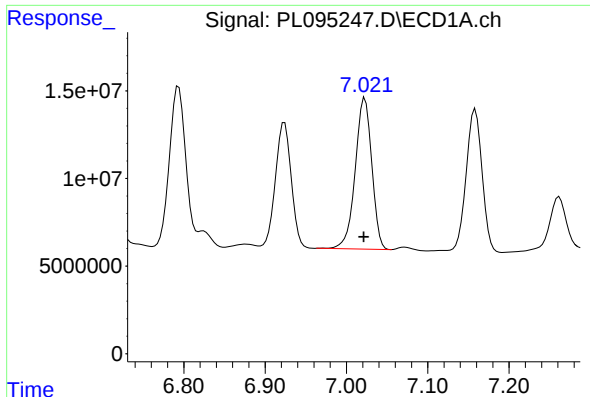
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 106227968
Conc: 41.84 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 158510835
Conc: 40.75 ng/ml



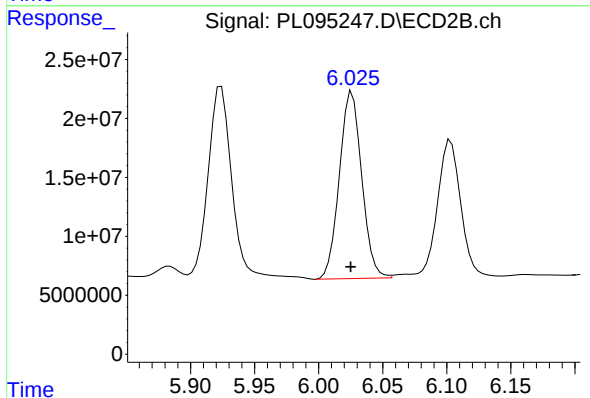
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 121937097
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

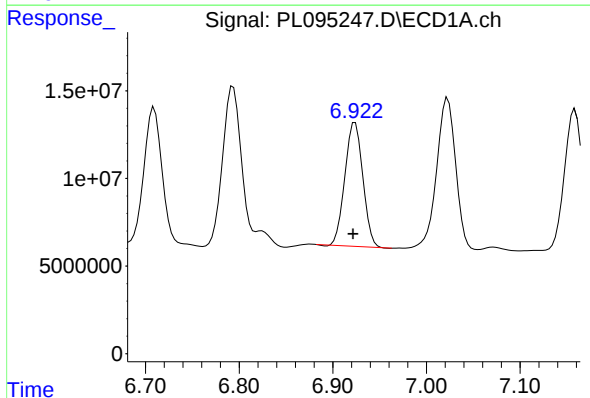
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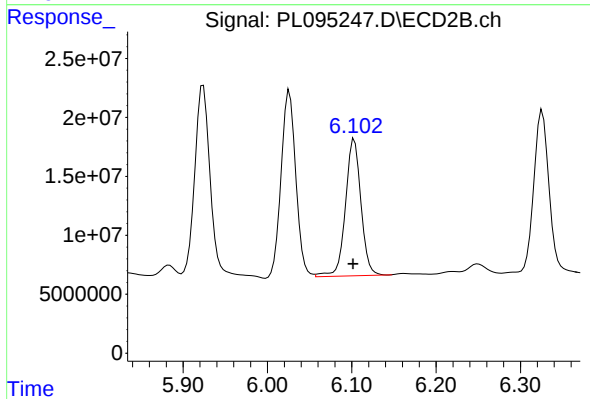
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 192517451
Conc: 46.21 ng/ml



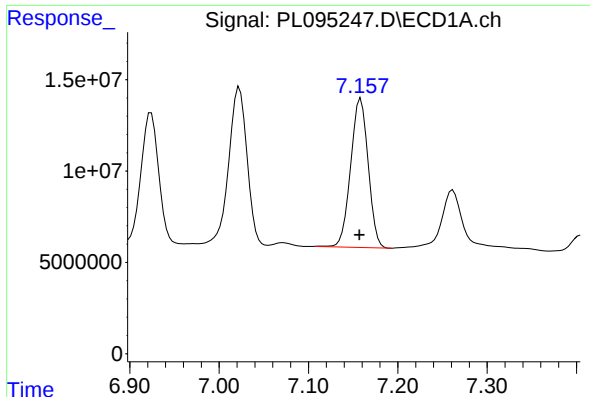
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 94320697
Conc: 42.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.002 min
Response: 148388089
Conc: 44.03 ng/ml



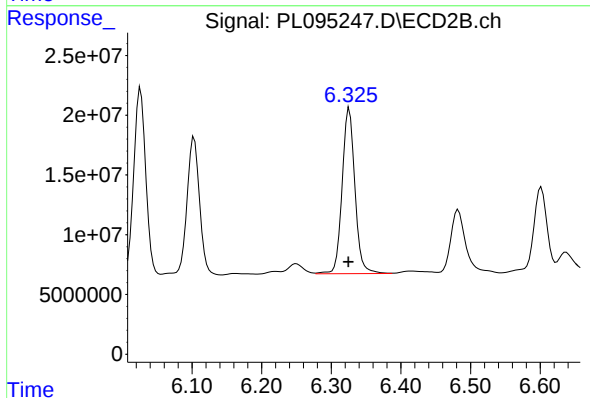
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 111131979
Conc: 43.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
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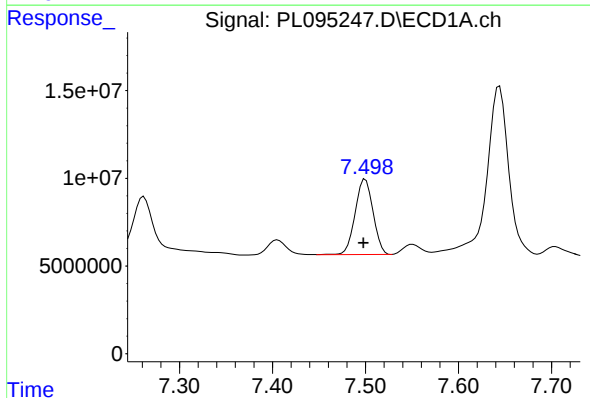
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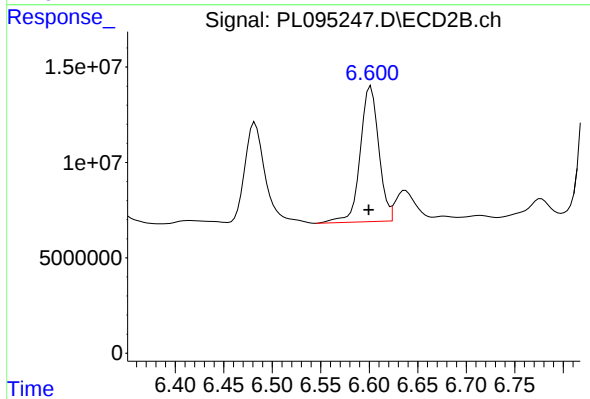
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 176911147
Conc: 42.36 ng/ml



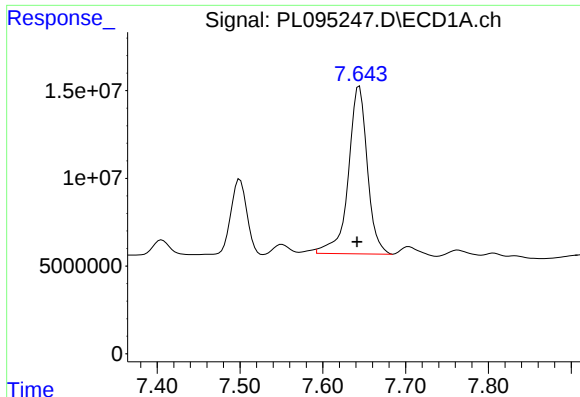
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 57733058
Conc: 43.10 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 94373802
Conc: 42.02 ng/ml



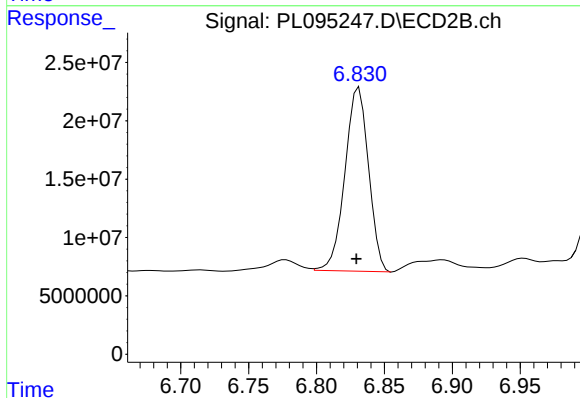
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 151997208
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

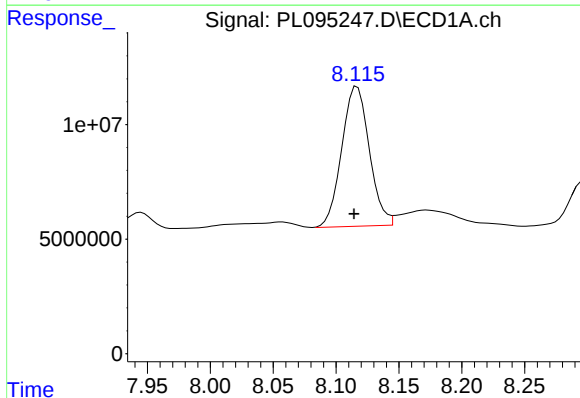
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



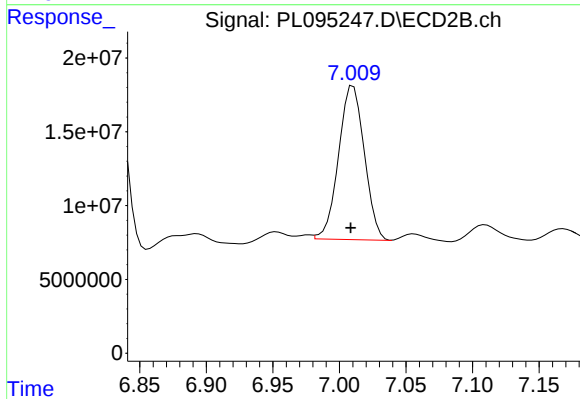
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 190426949
Conc: 37.77 ng/ml m



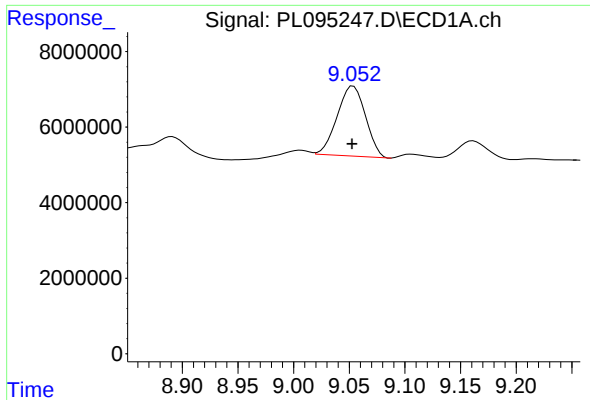
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.001 min
Response: 94247659
Conc: 44.31 ng/ml m



#22 Mirex

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 140228681
Conc: 35.67 ng/ml m



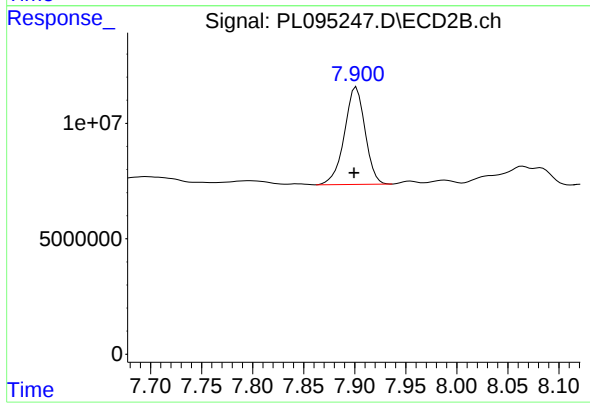
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 32810373
Conc: 13.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/16/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 59432404
Conc: 13.51 ng/ml