

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 17:57
 Operator : AR\AJ
 Sample : Q1808-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OILY-SOIL-PILEMSD

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 01:26:29 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	2.767	43854108	56325231	15.986m	15.136m
28)	SA Decachlor...	9.054	7.902	32907573	60899612	13.668	13.844
Target Compounds							
2)	A alpha-BHC	3.992	3.270	181.6E6	246.3E6	45.196	44.471
3)	MA gamma-BHC...	4.324	3.599	188.6E6	238.4E6	49.049m	45.299m
4)	MA Heptachlor	4.913	3.937	175.1E6	239.6E6	47.766	46.091
5)	MB Aldrin	5.254	4.216	169.9E6	223.3E6	48.131	45.816
6)	B beta-BHC	4.525	3.900	76087395	101.5E6	43.397	43.818
7)	B delta-BHC	4.771	4.129	169.6E6	213.1E6	43.285	41.222
8)	B Heptachlo...	5.681	4.719	150.2E6	212.6E6	46.780	46.544
9)	A Endosulfan I	6.067	5.090	144.3E6	152.1E6	46.584	35.040
10)	B gamma-Chl...	5.937	4.969	181.8E6	237.5E6	54.418	49.310
11)	B alpha-Chl...	6.016	5.032	178.9E6	235.3E6	53.891	49.637
12)	B 4,4'-DDE	6.191	5.221	115.1E6	229.1E6	35.205	47.578 #
13)	MA Dieldrin	6.342	5.351	151.3E6	223.8E6	45.903	46.627m
14)	MA Endrin	6.571	5.629	130.3E6	204.5E6	49.987m	48.945
15)	B Endosulfa...	6.793	5.923	127.1E6	203.1E6	44.574	46.272m
16)	A 4,4'-DDD	6.709	5.776	107.8E6	158.1E6	42.456	40.635
17)	MA 4,4'-DDT	7.023	6.026	124.6E6	194.3E6	48.941	46.641
18)	B Endrin al...	6.922	6.103	96903434	150.3E6	44.025m	44.590
19)	B Endosulfa...	7.158	6.326	111.8E6	177.5E6	43.490	42.498
20)	A Methoxychlor	7.500	6.601	58513328	95411612	43.685	42.487
21)	B Endrin ke...	7.642	6.830	146.9E6	191.6E6	50.899m	38.002m#
22)	Mirex	8.115	7.008	93676438	141.2E6	44.037m	35.919m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 17:57
Operator : AR\AJ
Sample : Q1808-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

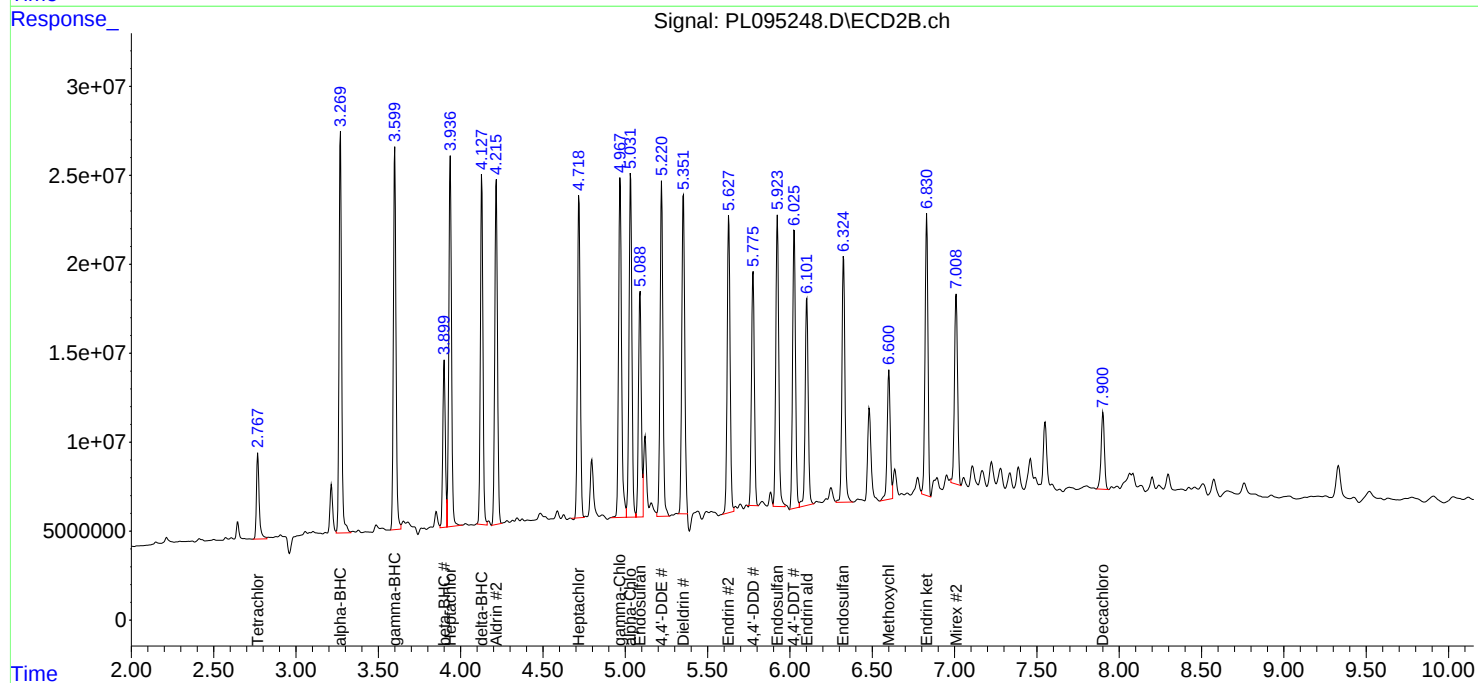
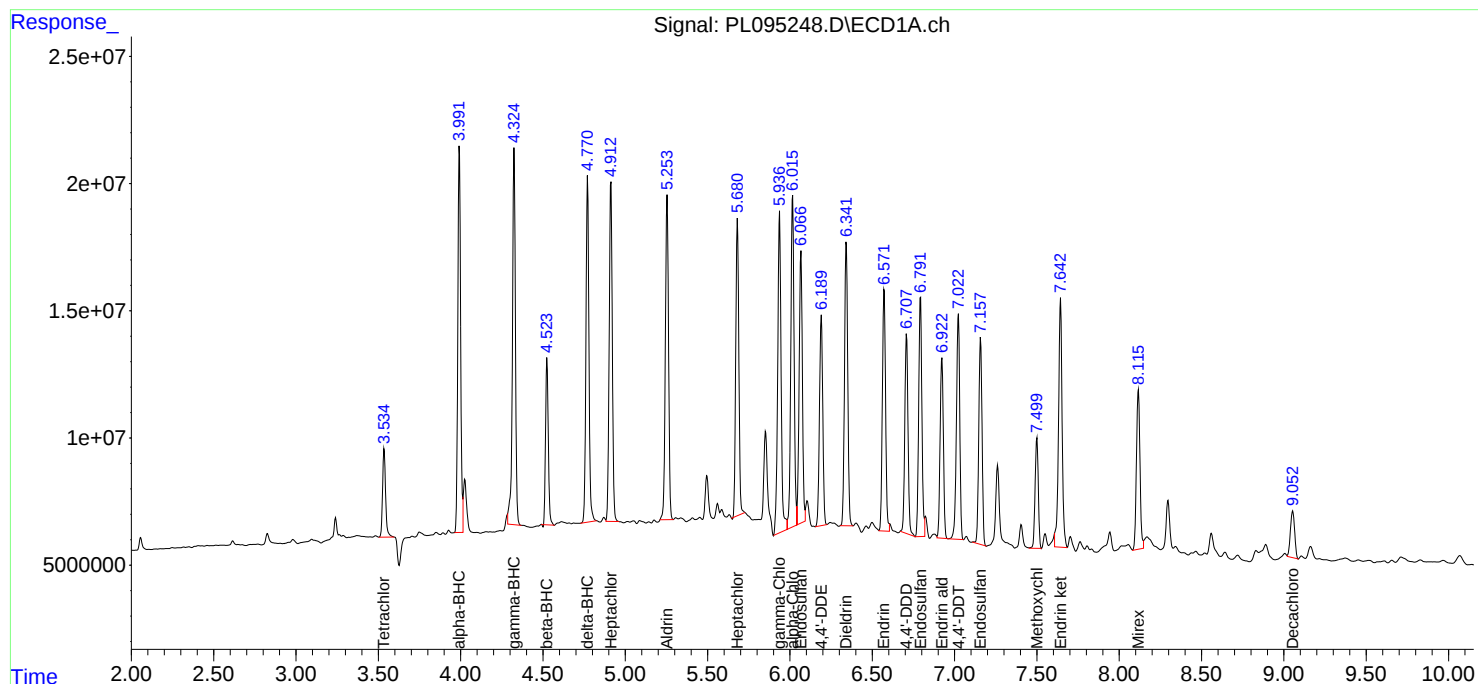
Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

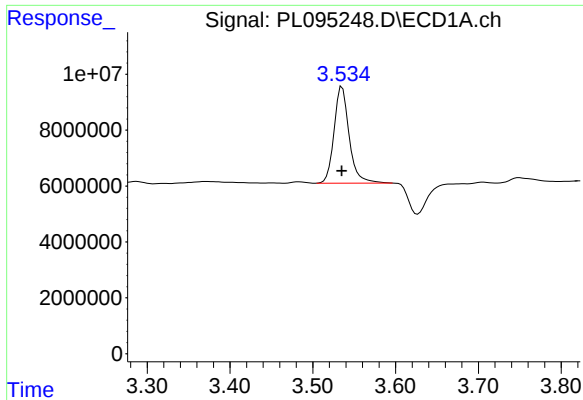
Manual Integrations
APPROVED

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 01:26:29 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





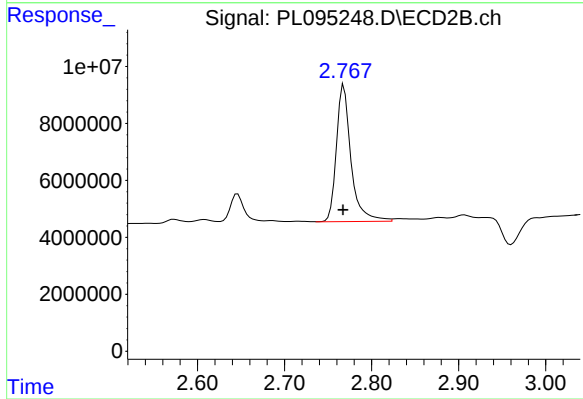
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 43854108
Conc: 15.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

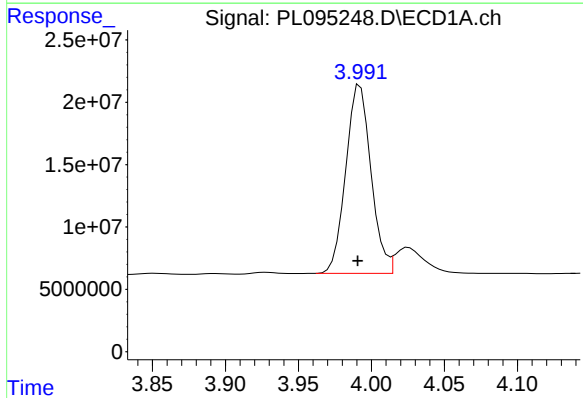
Manual Integrations
APPROVED

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



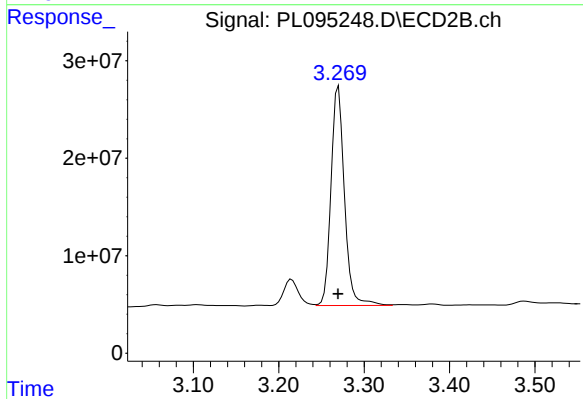
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 56325231
Conc: 15.14 ng/ml m



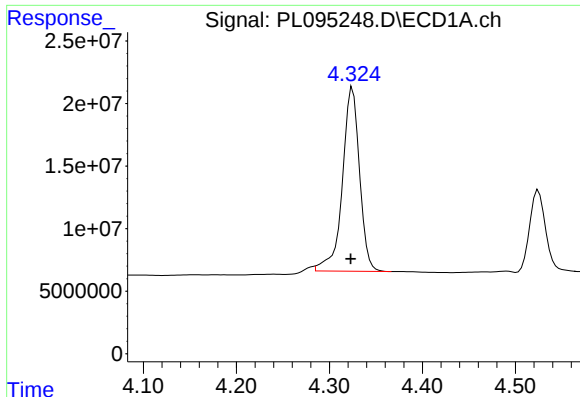
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 181649063
Conc: 45.20 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 246258321
Conc: 44.47 ng/ml



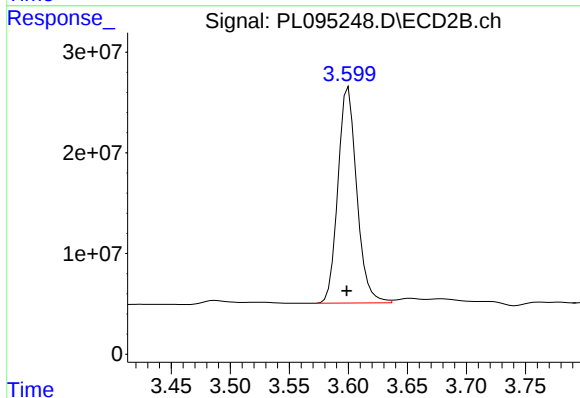
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 188620434
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

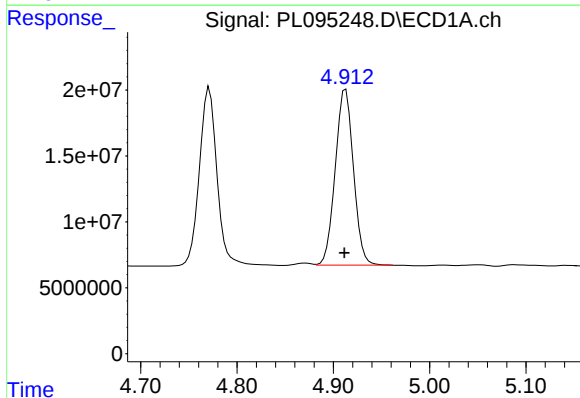
Manual Integrations
APPROVED

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



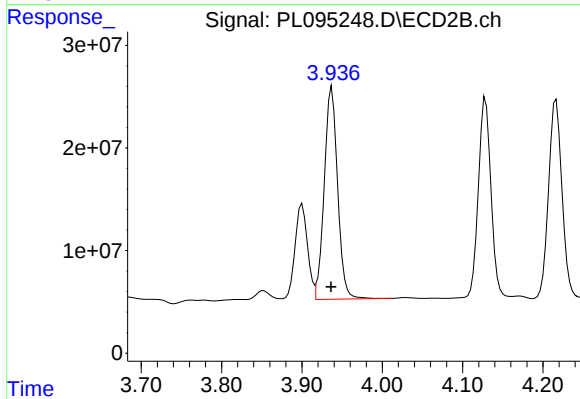
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 238414751
Conc: 45.30 ng/ml m



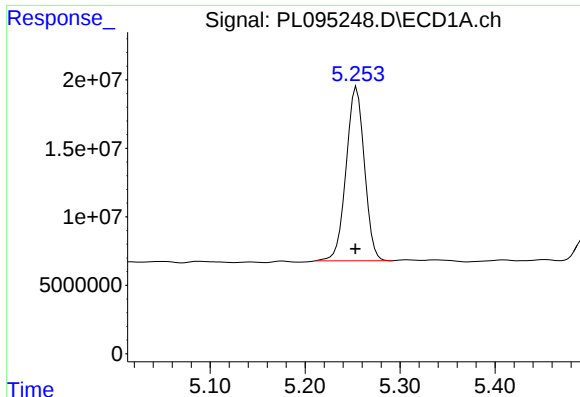
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 175131918
Conc: 47.77 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 239649149
Conc: 46.09 ng/ml



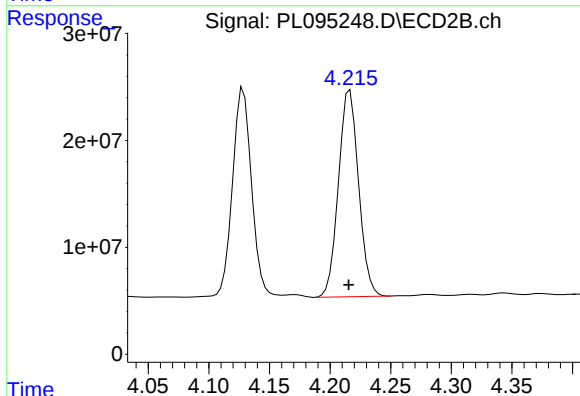
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 169861238
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

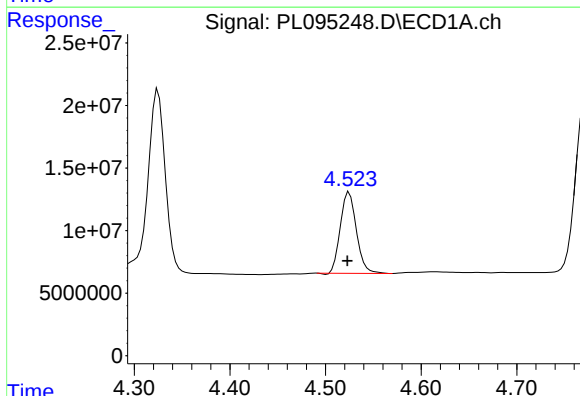
Manual Integrations
APPROVED

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



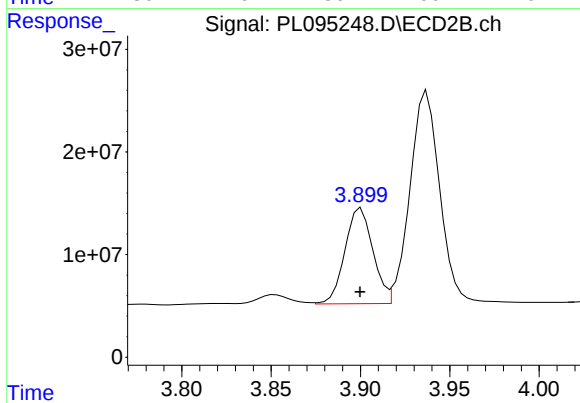
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.001 min
Response: 223285527
Conc: 45.82 ng/ml



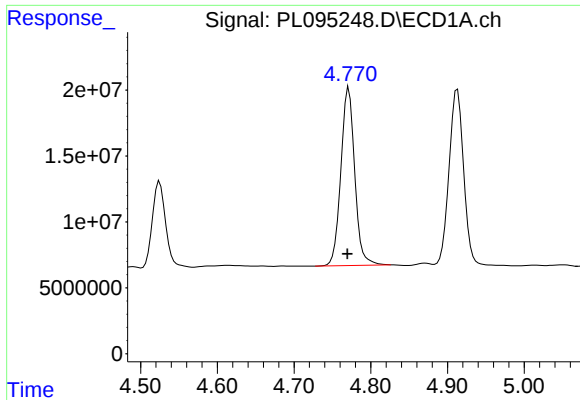
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 76087395
Conc: 43.40 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 101531717
Conc: 43.82 ng/ml



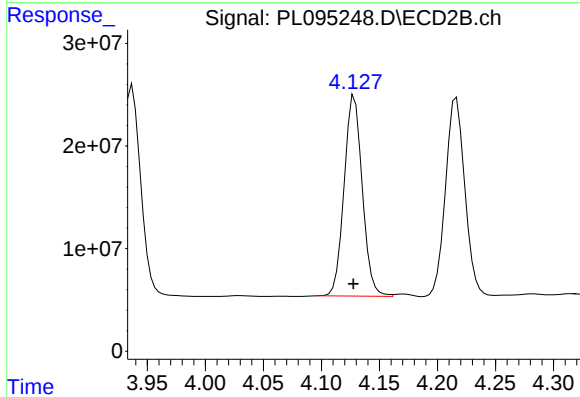
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 169619174
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

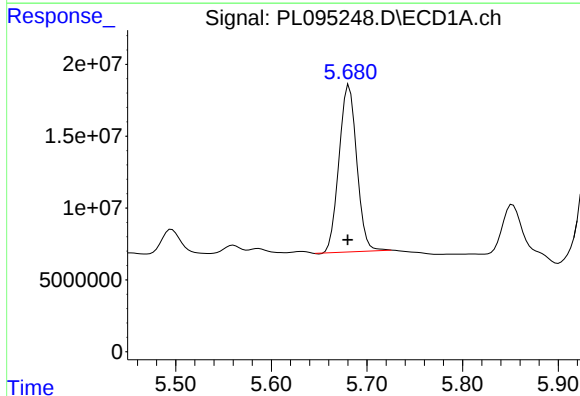
Manual Integrations
APPROVED

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



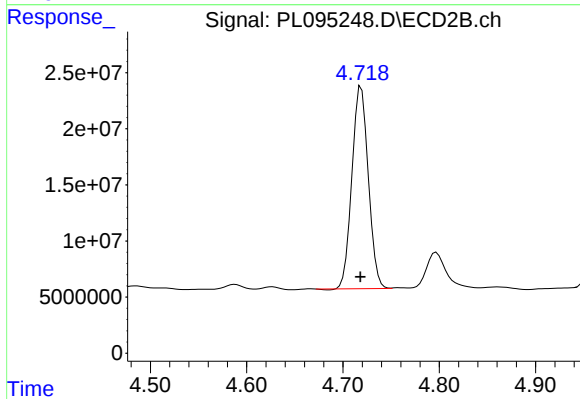
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 213117726
Conc: 41.22 ng/ml



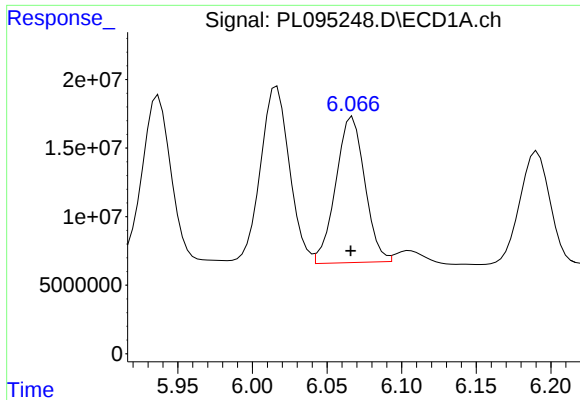
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 150199226
Conc: 46.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 212643341
Conc: 46.54 ng/ml



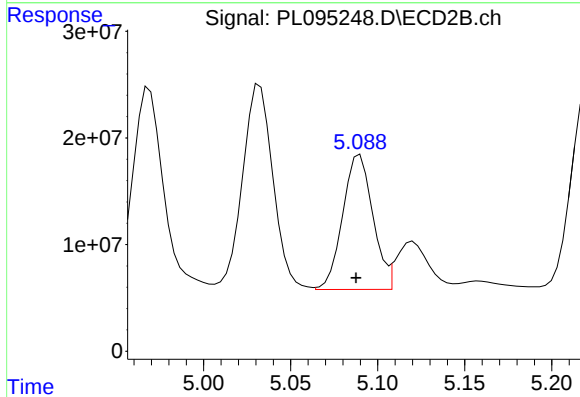
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 144337810
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

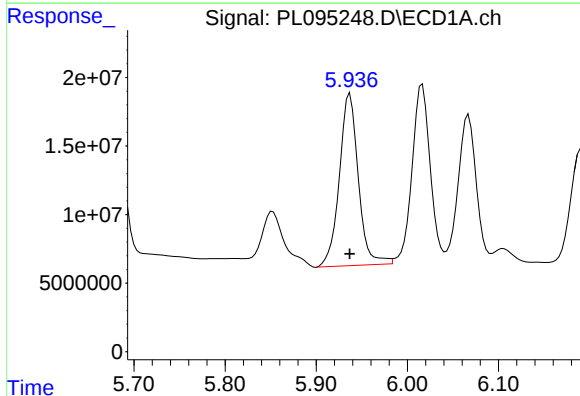
Manual Integrations
APPROVED

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



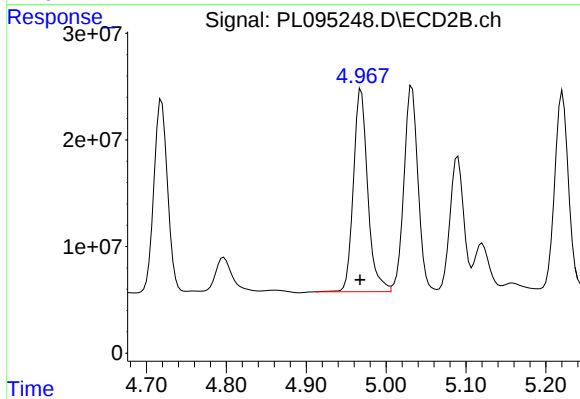
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 152107040
Conc: 35.04 ng/ml



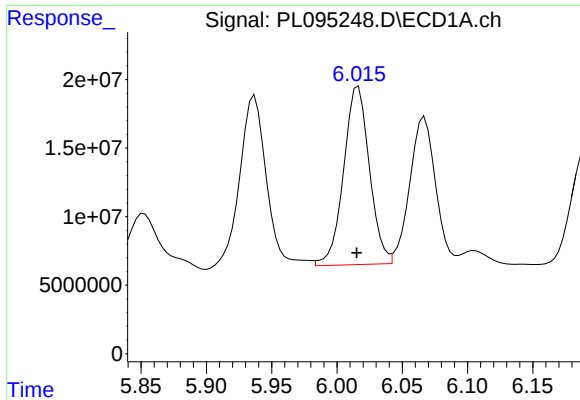
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 181783681
Conc: 54.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.001 min
Response: 237514324
Conc: 49.31 ng/ml



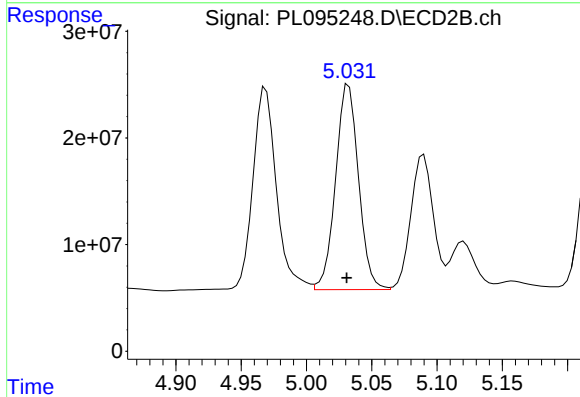
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 178889219
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

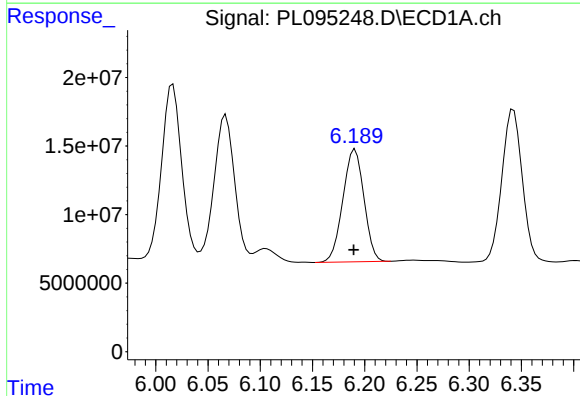
Manual Integrations
APPROVED

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



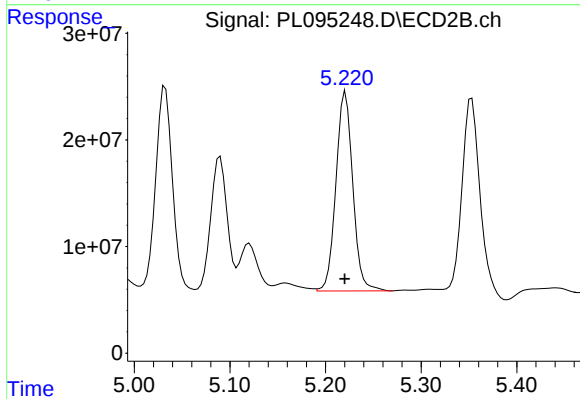
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.001 min
Response: 235262289
Conc: 49.64 ng/ml



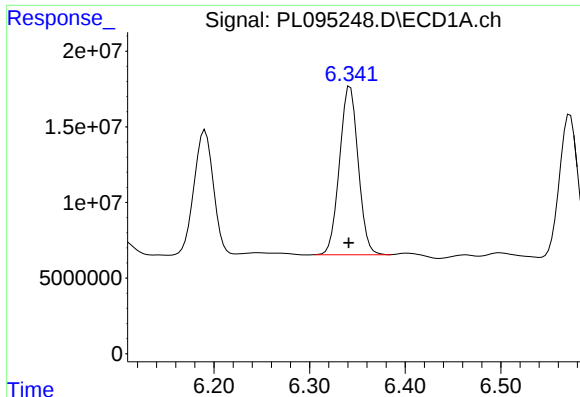
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 115115999
Conc: 35.21 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 229075496
Conc: 47.58 ng/ml



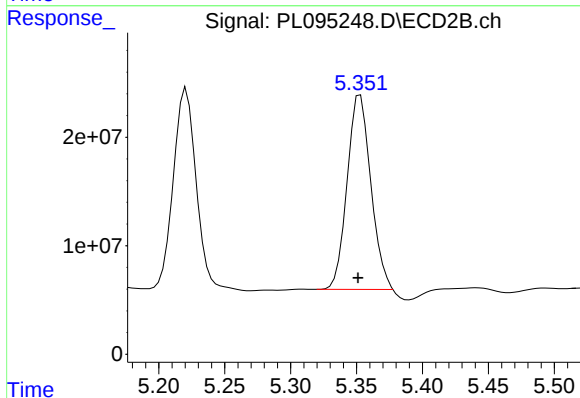
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 151254076
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

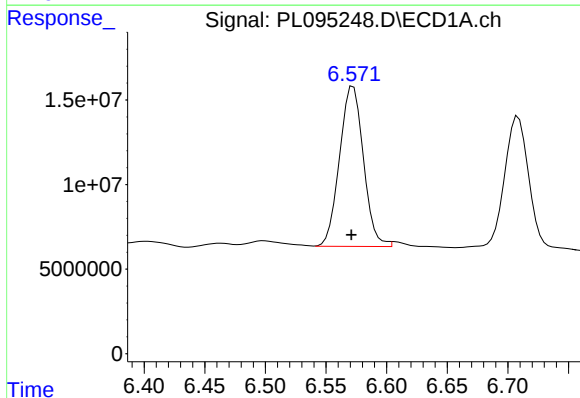
Manual Integrations
APPROVED

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



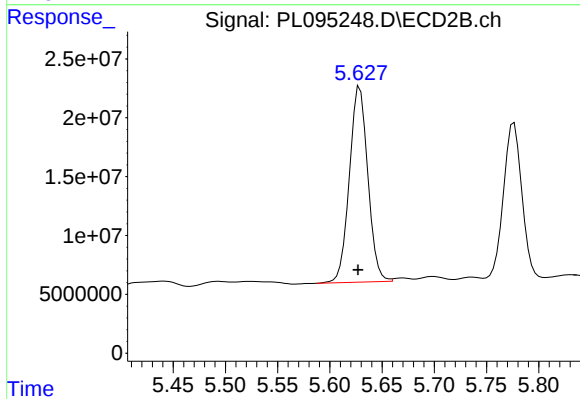
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 223813715
Conc: 46.63 ng/ml m



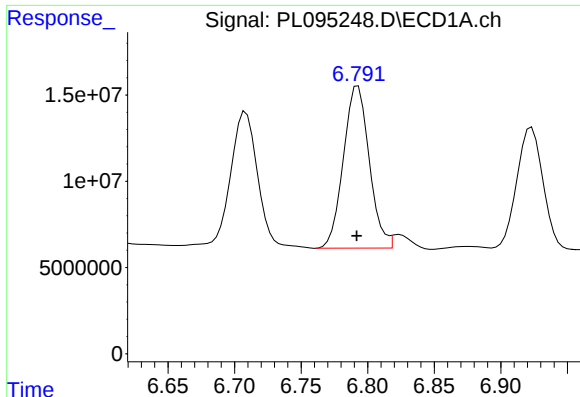
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 130272609
Conc: 49.99 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.002 min
Response: 204462367
Conc: 48.94 ng/ml



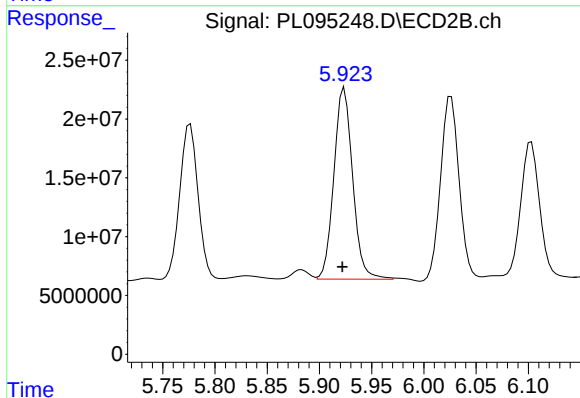
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 127140495
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

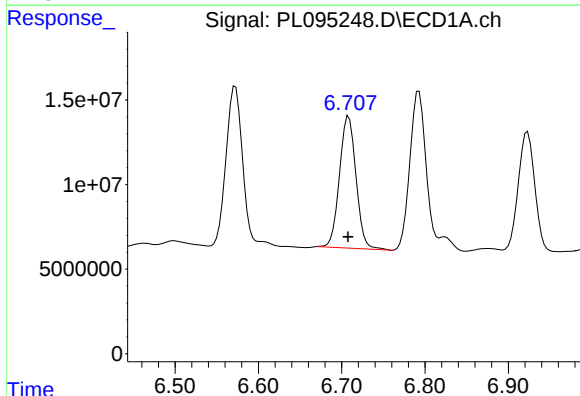
Manual Integrations
APPROVED

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



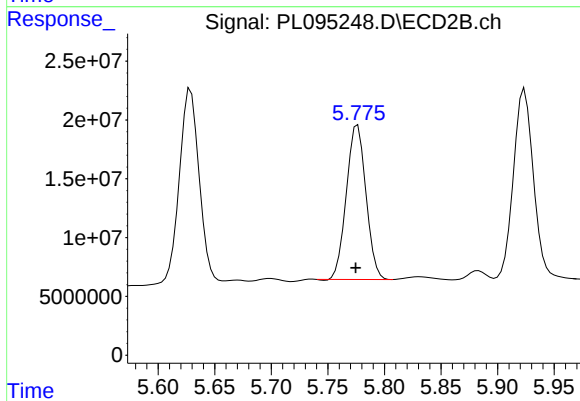
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 203146752
Conc: 46.27 ng/ml m



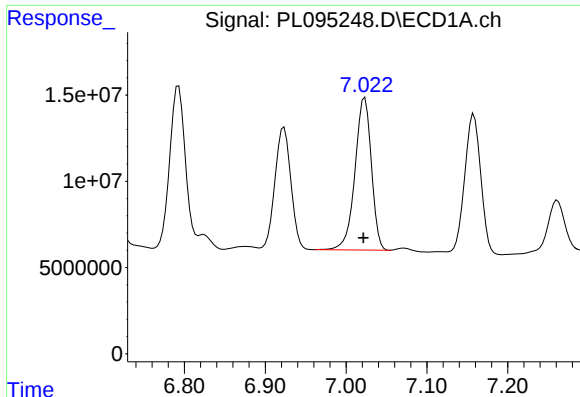
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 107801027
Conc: 42.46 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 158069115
Conc: 40.64 ng/ml



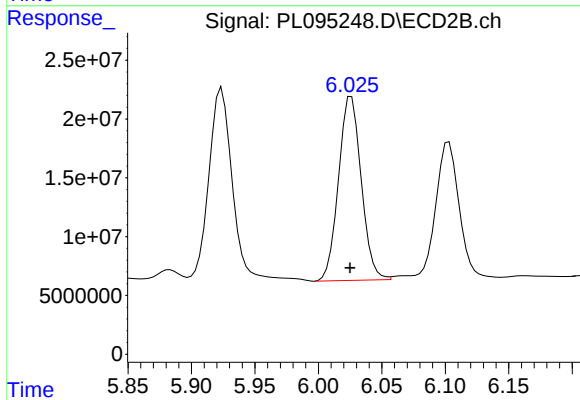
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.002 min
Response: 124582244
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

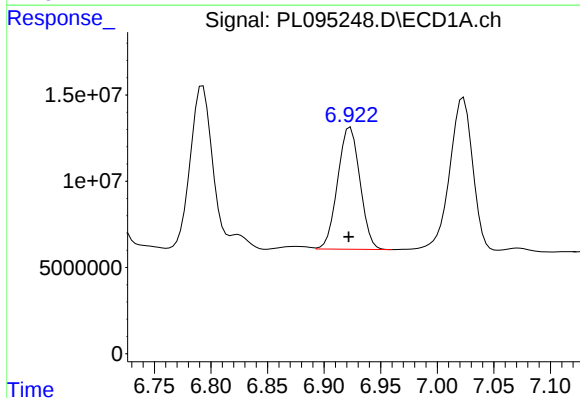
Manual Integrations
APPROVED

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



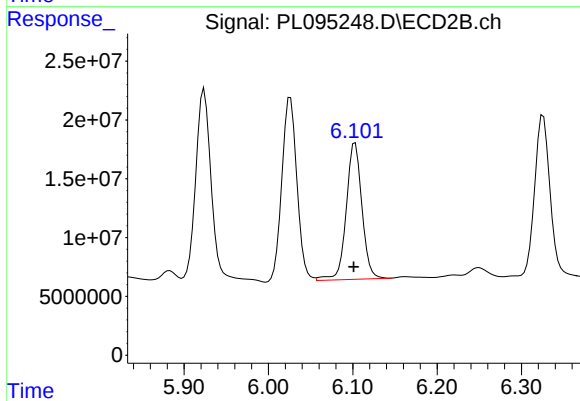
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 194303232
Conc: 46.64 ng/ml



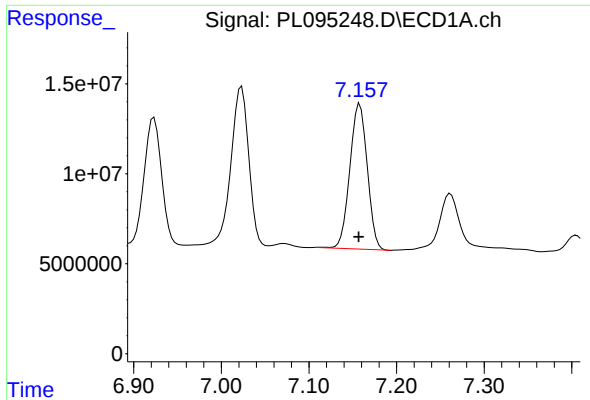
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 96903434
Conc: 44.03 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.002 min
Response: 150260240
Conc: 44.59 ng/ml



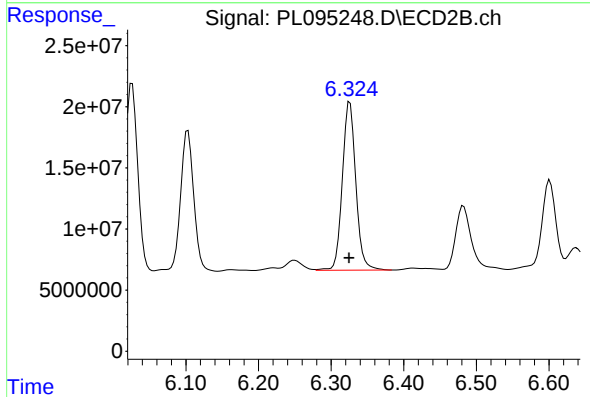
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.001 min
Response: 111752395
Conc: 43.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

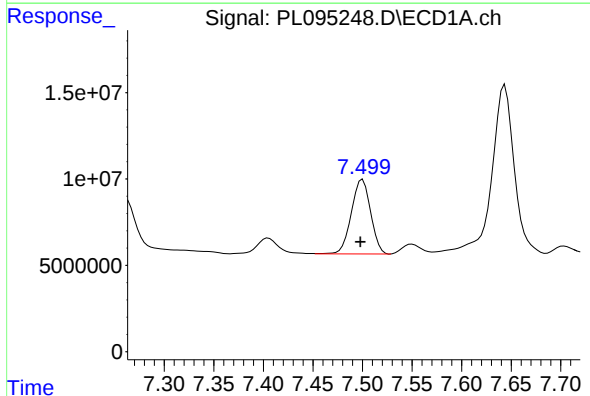
Manual Integrations
APPROVED

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



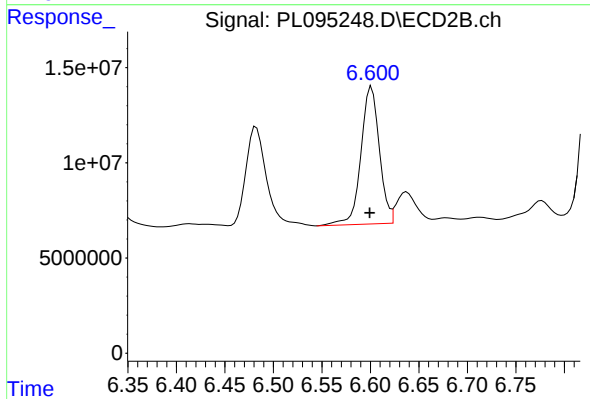
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 177490059
Conc: 42.50 ng/ml



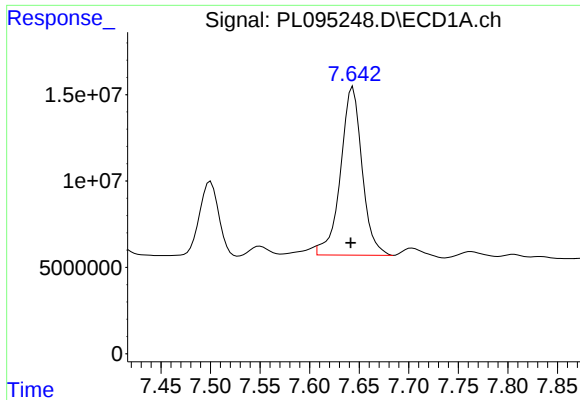
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 58513328
Conc: 43.68 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 95411612
Conc: 42.49 ng/ml



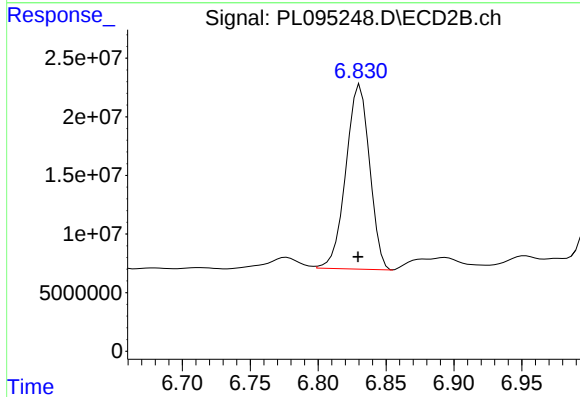
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 146929177
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

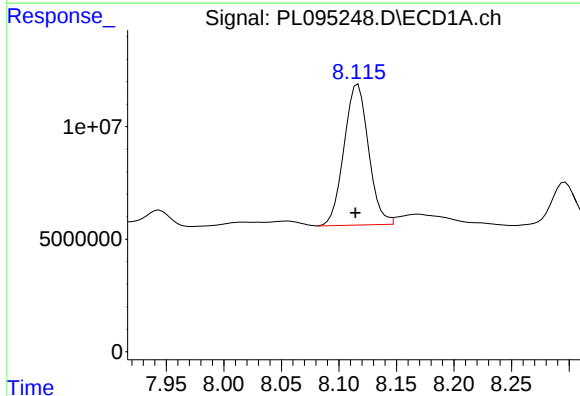
Manual Integrations
APPROVED

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



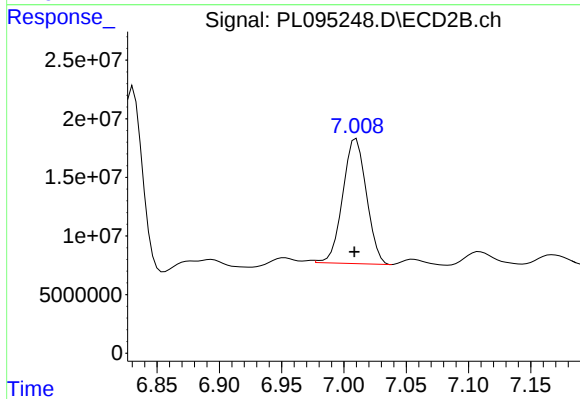
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 191609372
Conc: 38.00 ng/ml m



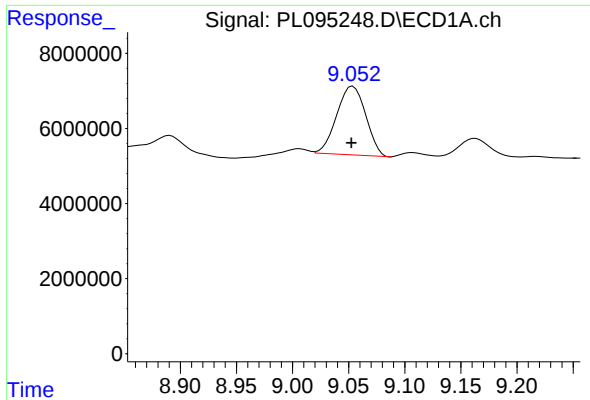
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 93676438
Conc: 44.04 ng/ml m



#22 Mirex

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 141225251
Conc: 35.92 ng/ml m



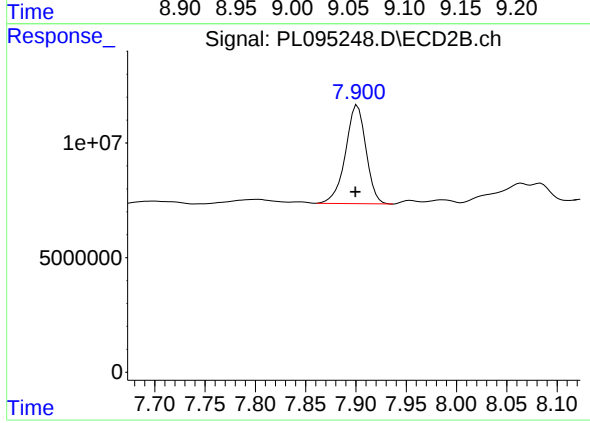
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 32907573
Conc: 13.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-SOIL-PILEMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 60899612
Conc: 13.84 ng/ml