

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
 Data File : PL094745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 17:55
 Operator : AR\AJ
 Sample : Q1569-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TAP-IDW-SOIL-031325-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/20/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 02:06:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.540	2.770	56699222	70383123	20.030	19.719
28) SA Decachlor...	9.055	7.904	48734011	83552862	23.125	20.685
Target Compounds						
2) A alpha-BHC	3.997	3.270	199.7E6	282.8E6	48.102	52.461m
3) MA gamma-BHC...	4.328	3.600	196.1E6	270.4E6	49.134m	52.609m
4) MA Heptachlor	4.916	3.939	173.3E6	251.4E6	44.648	47.718
5) MB Aldrin	5.258	4.218	164.7E6	227.3E6	44.618	46.613
6) B beta-BHC	4.528	3.902	88969906	120.1E6	48.216	54.049
7) B delta-BHC	4.774	4.131	179.0E6	218.6E6	45.969	43.699
8) B Heptachlo...	5.684	4.720	161.3E6	241.3E6	48.231	52.692m
9) A Endosulfan I	6.070	5.091	149.8E6	233.1E6	48.788	53.109
10) B gamma-Chl...	5.941	4.971	161.9E6	254.0E6	48.047	52.600
11) B alpha-Chl...	6.019	5.035	159.2E6	250.2E6	48.301	52.422
12) B 4,4'-DDE	6.193	5.222	155.6E6	247.6E6	52.873	53.265m
13) MA Dieldrin	6.345	5.355	157.5E6	254.1E6	49.239	52.381
14) MA Endrin	6.572	5.631	130.1E6	228.1E6	46.919m	52.273
15) B Endosulfa...	6.795	5.926	137.7E6	226.1E6	50.717	52.240
16) A 4,4'-DDD	6.710	5.779	122.3E6	205.7E6	56.483	57.211
17) MA 4,4'-DDT	7.023	6.029	119.1E6	203.0E6	50.060	50.349
18) B Endrin al...	6.925	6.106	101.4E6	170.1E6	48.021	50.559
19) B Endosulfa...	7.160	6.328	118.3E6	210.5E6	48.638	51.684
20) A Methoxychlor	7.501	6.604	59699091	106.1E6	49.871	50.019
21) B Endrin ke...	7.645	6.833	138.6E6	245.2E6	52.417	51.368
22) Mirex	8.116	7.013	98405618	180.7E6	47.624	47.607

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
Data File : PL094745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 17:55
Operator : AR\AJ
Sample : Q1569-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

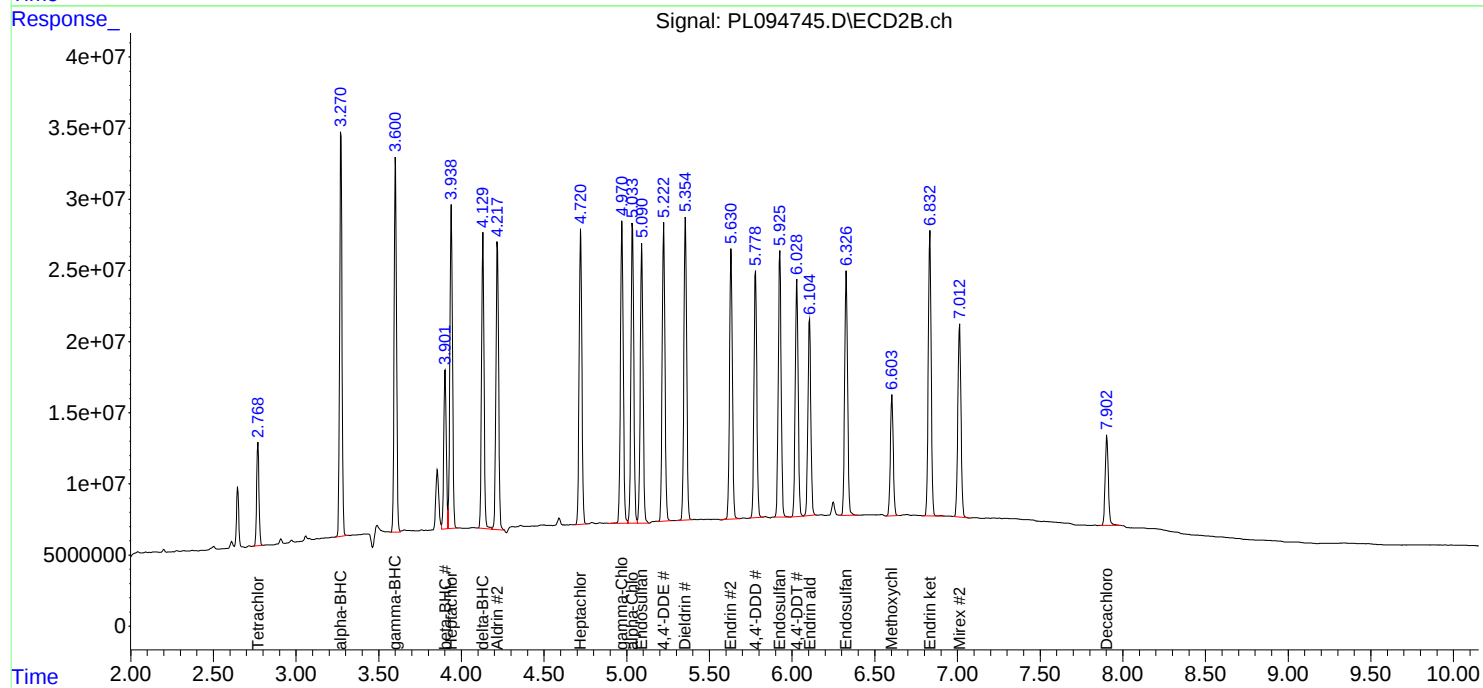
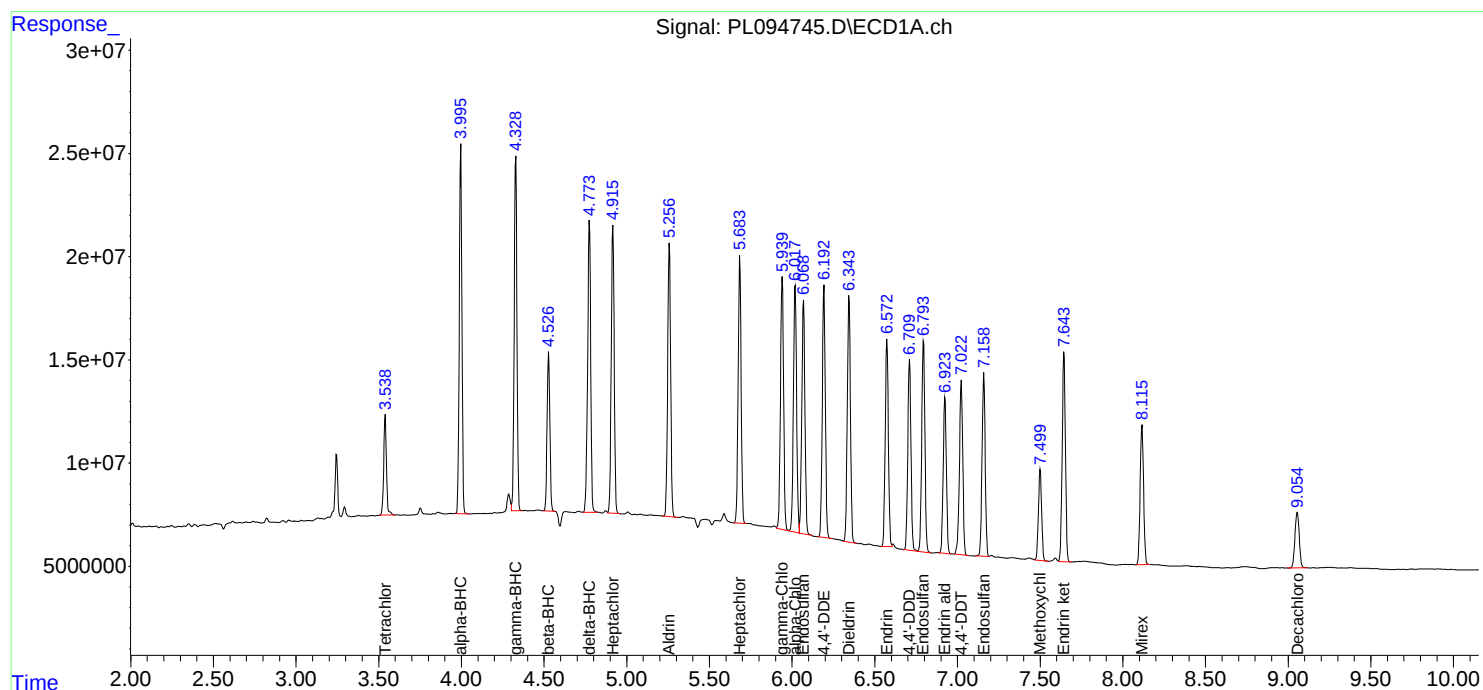
Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

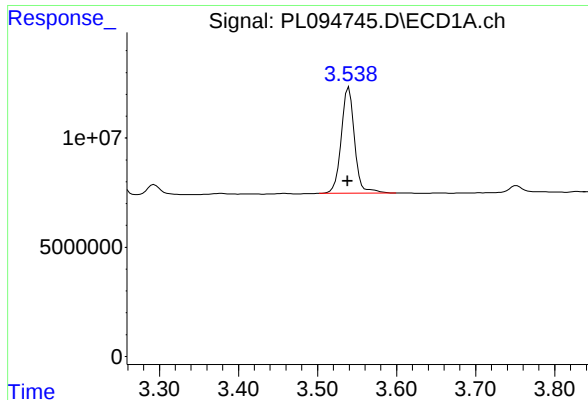
Manual Integrations
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Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 02:06:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





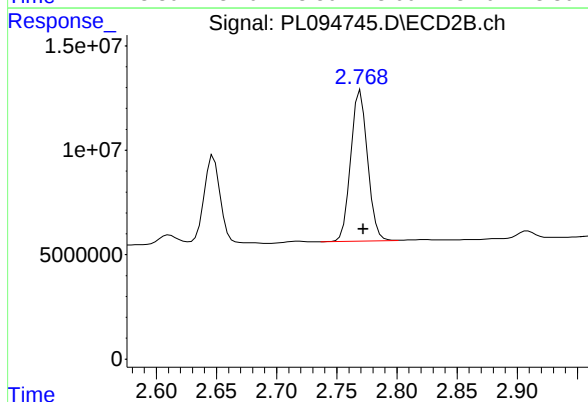
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 56699222
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

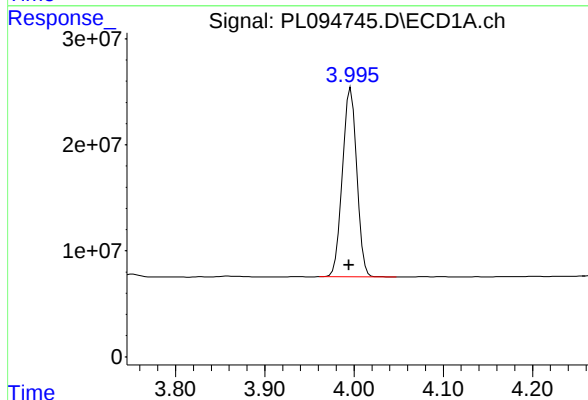
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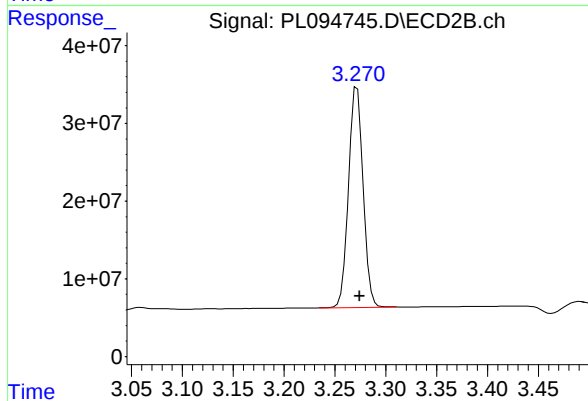
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 70383123
Conc: 19.72 ng/ml



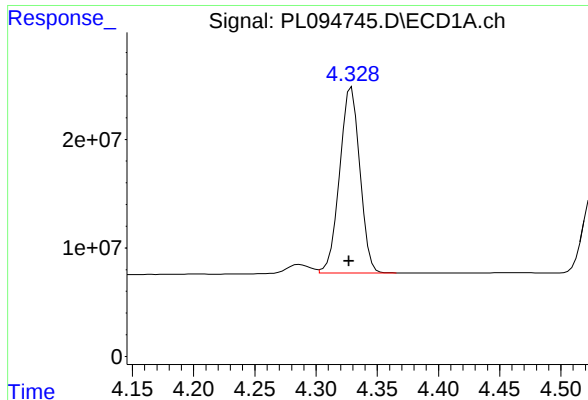
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.002 min
Response: 199734936
Conc: 48.10 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 282834150
Conc: 52.46 ng/ml m



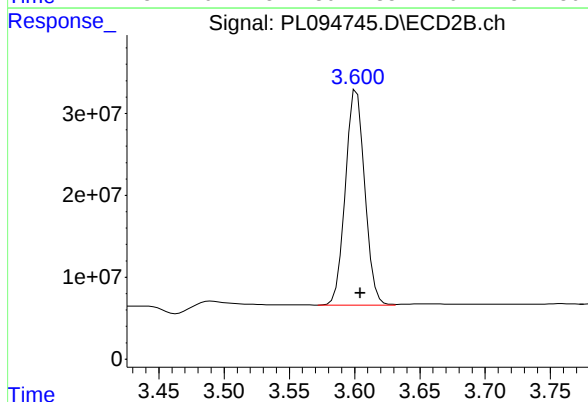
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 196056107
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

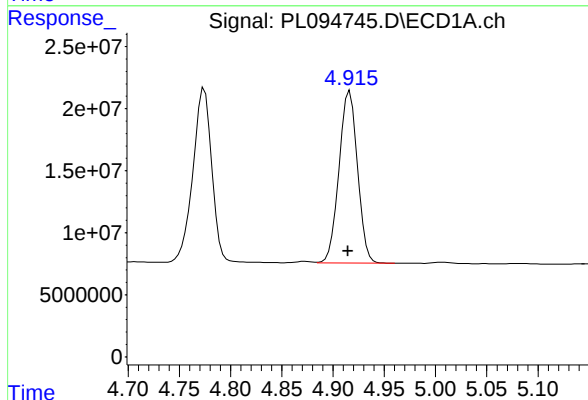
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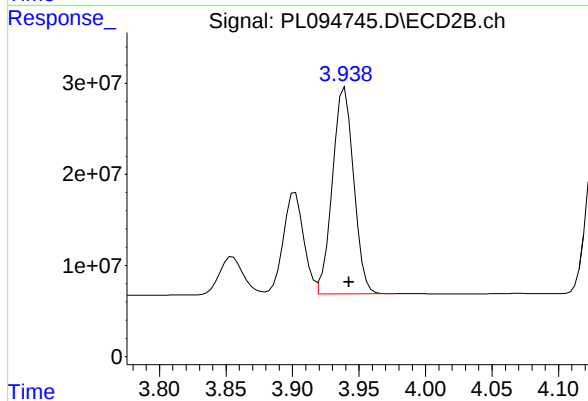
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 270380185
Conc: 52.61 ng/ml



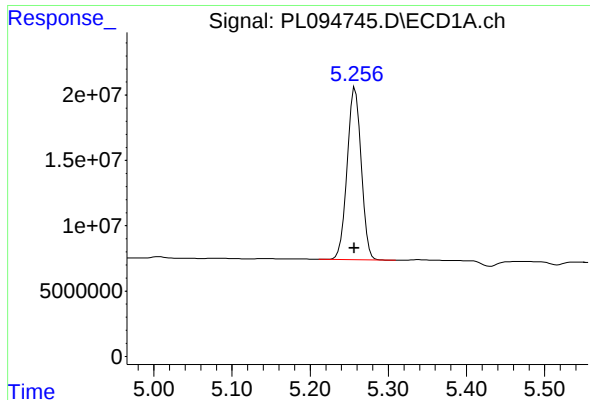
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 173306060
Conc: 44.65 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 251407772
Conc: 47.72 ng/ml



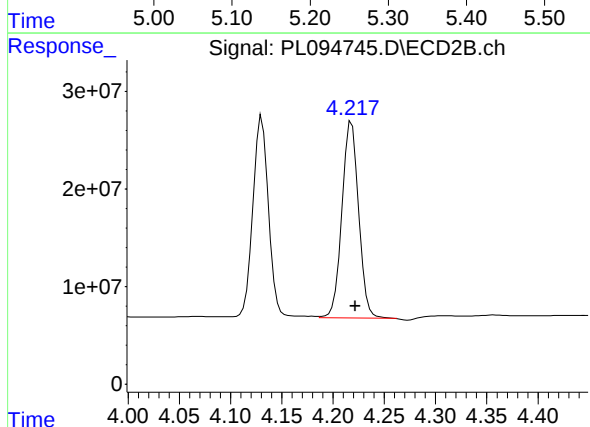
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 164740392
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

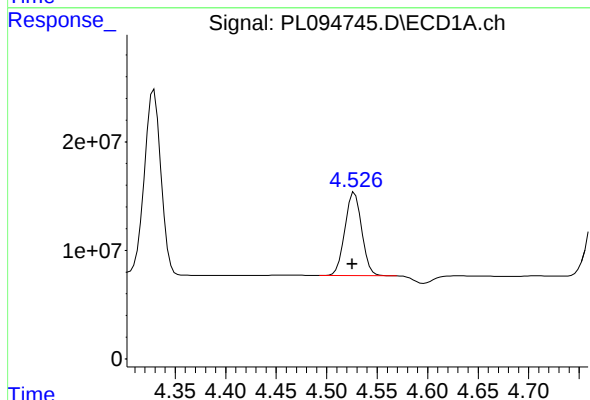
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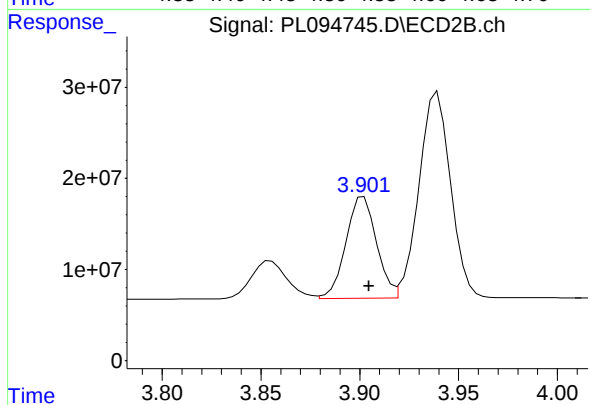
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 227299037
Conc: 46.61 ng/ml



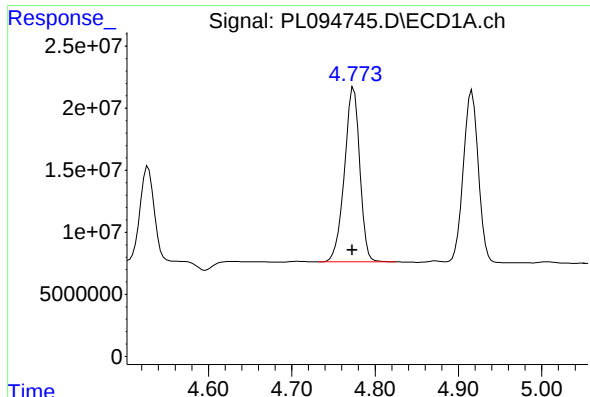
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 88969906
Conc: 48.22 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 120059120
Conc: 54.05 ng/ml



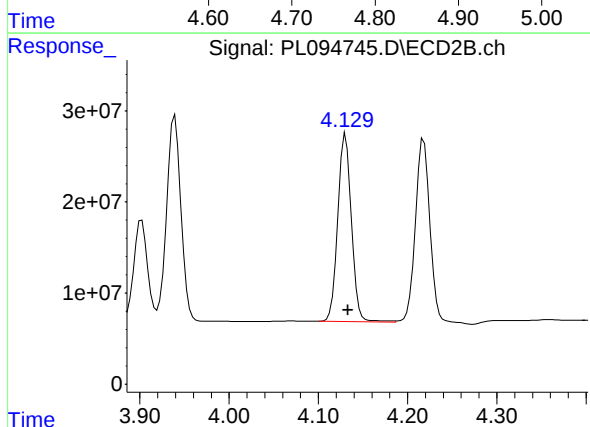
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 179016537
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

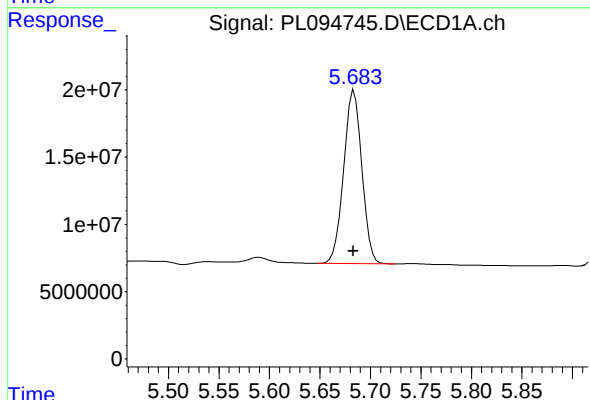
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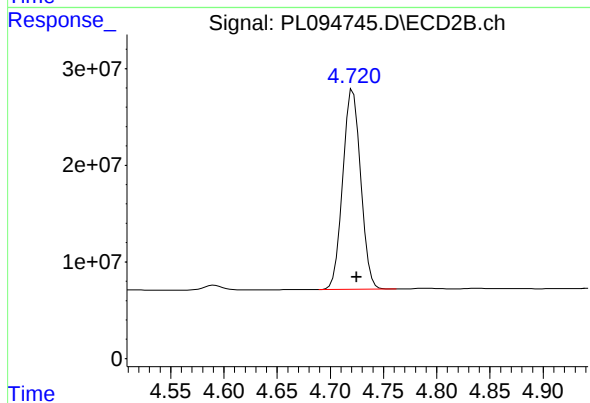
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 218580866
Conc: 43.70 ng/ml



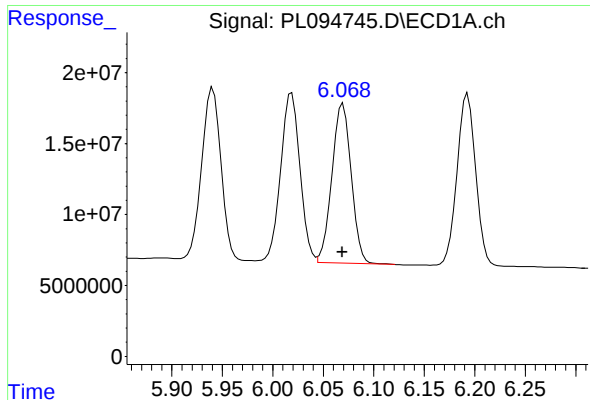
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 161342869
Conc: 48.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 241253358
Conc: 52.69 ng/ml m



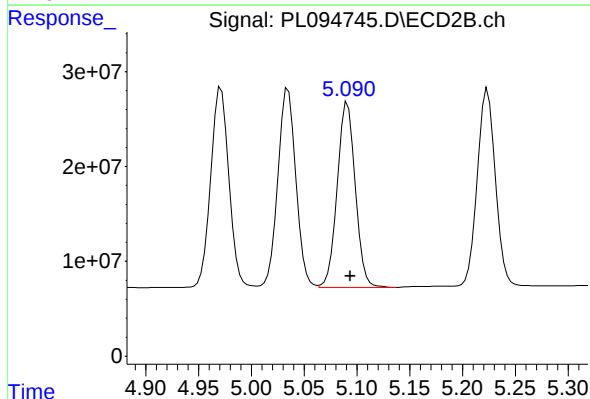
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 149788358
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

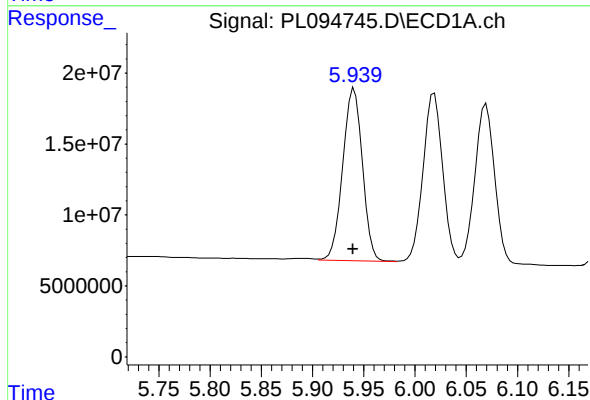
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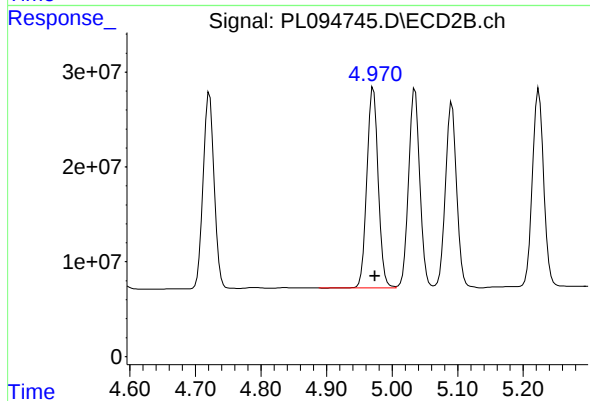
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 233079819
Conc: 53.11 ng/ml



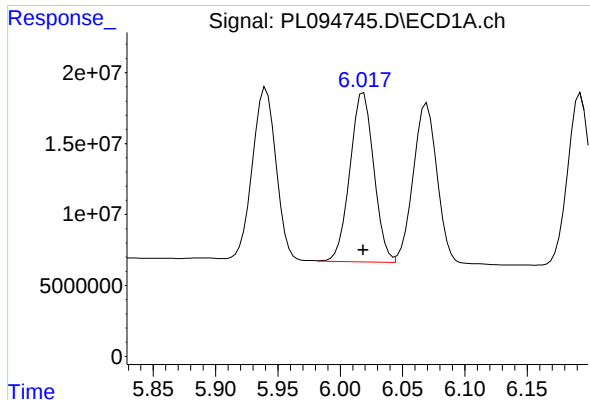
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 161888082
Conc: 48.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 253975207
Conc: 52.60 ng/ml



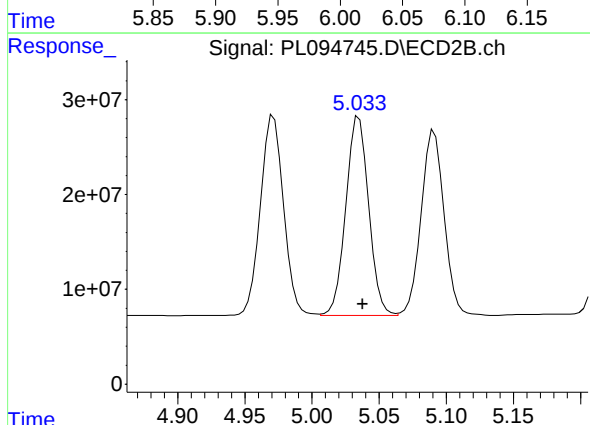
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 159241455
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

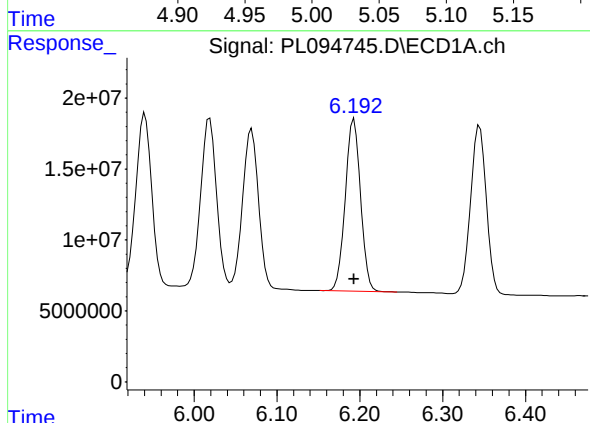
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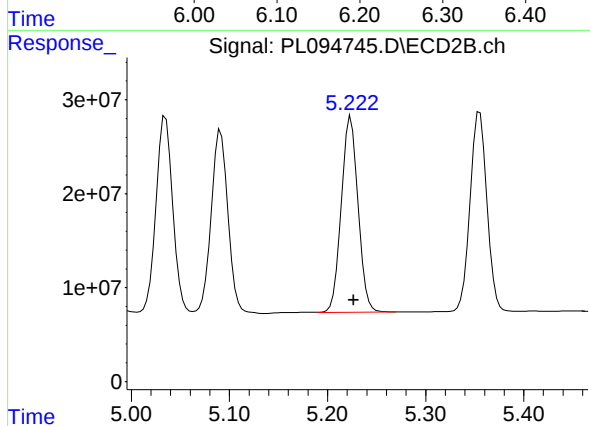
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 250200428
Conc: 52.42 ng/ml



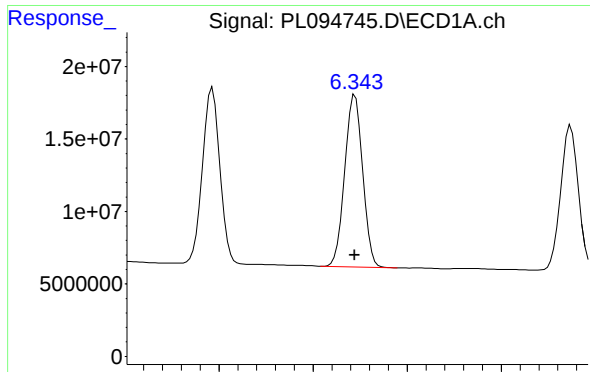
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 155554096
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 247602468
Conc: 53.26 ng/ml m



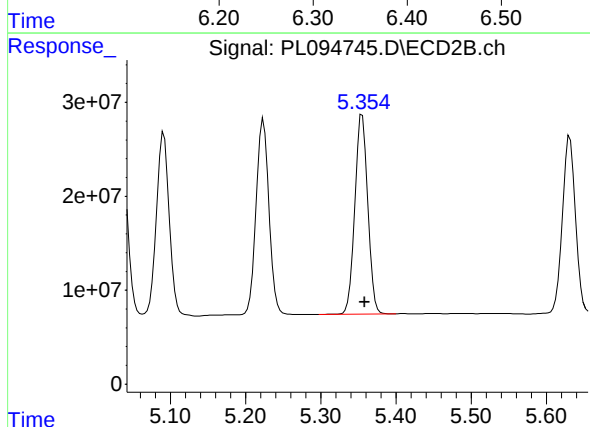
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 157471842
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

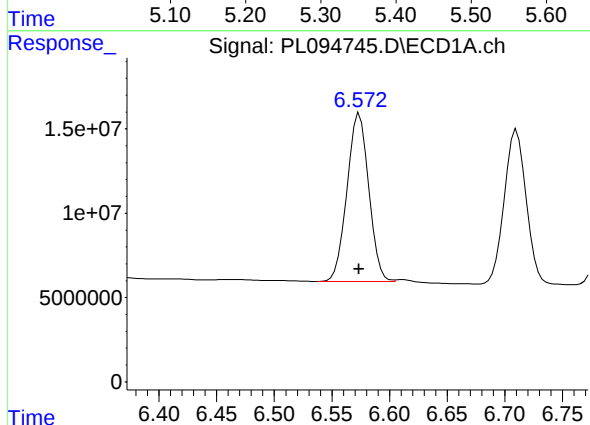
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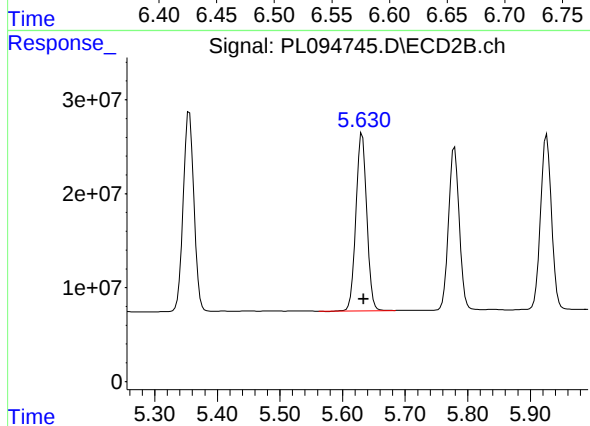
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 254143803
Conc: 52.38 ng/ml



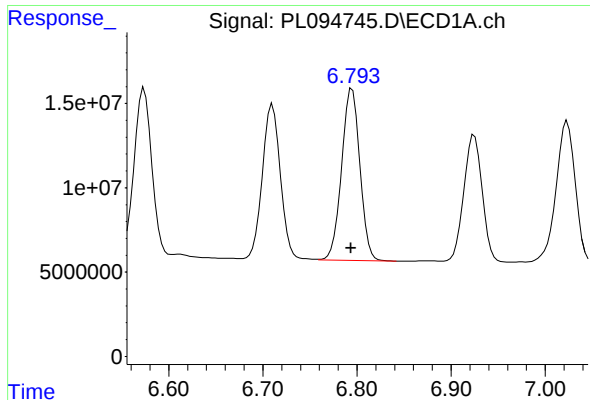
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 130062630
Conc: 46.92 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 228100260
Conc: 52.27 ng/ml



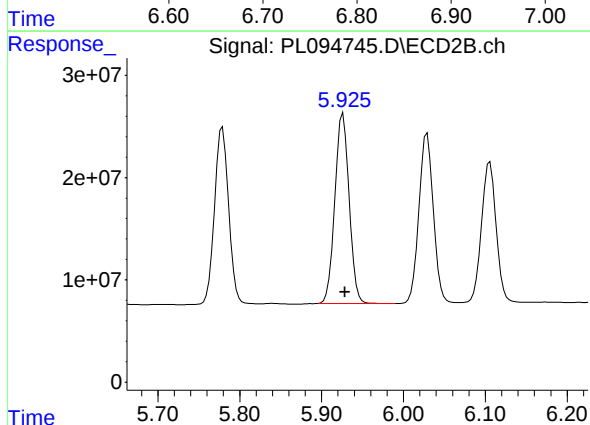
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 137684728
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

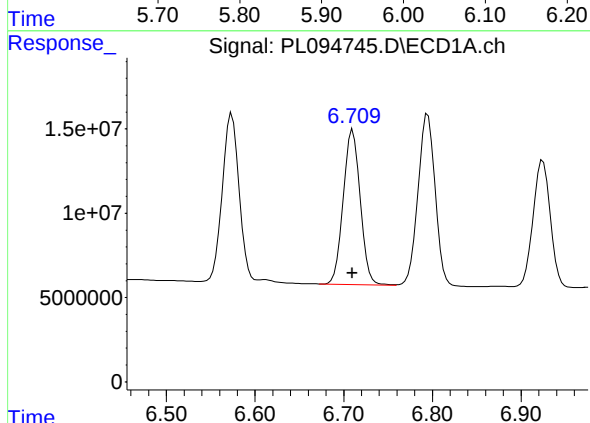
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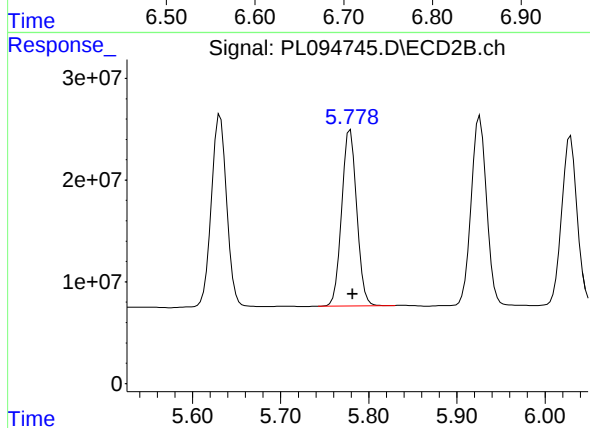
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 226108290
Conc: 52.24 ng/ml



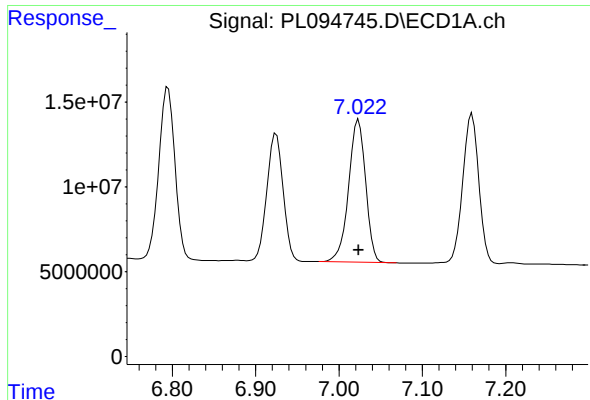
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 122345402
Conc: 56.48 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 205726025
Conc: 57.21 ng/ml



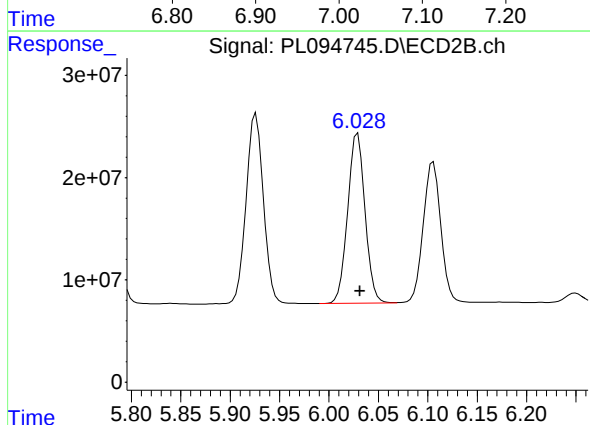
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 119070082
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

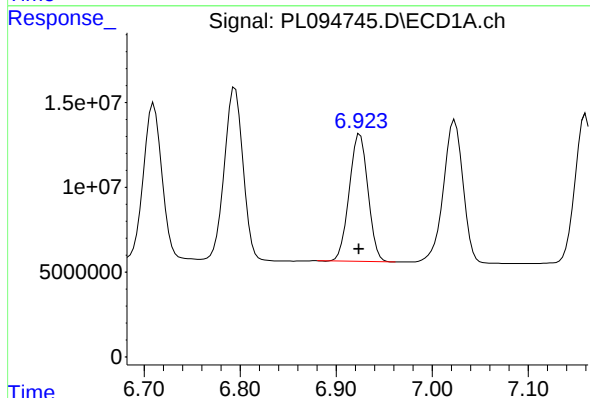
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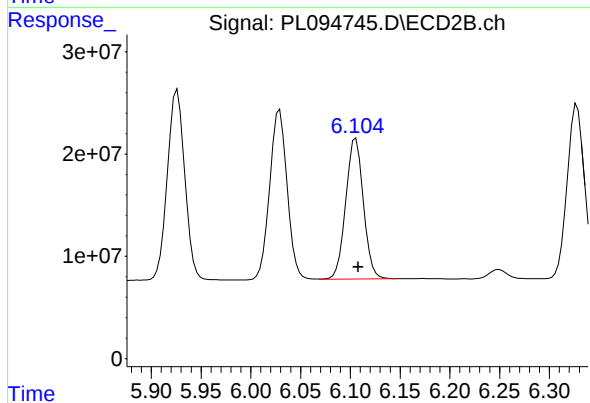
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 203011064
Conc: 50.35 ng/ml



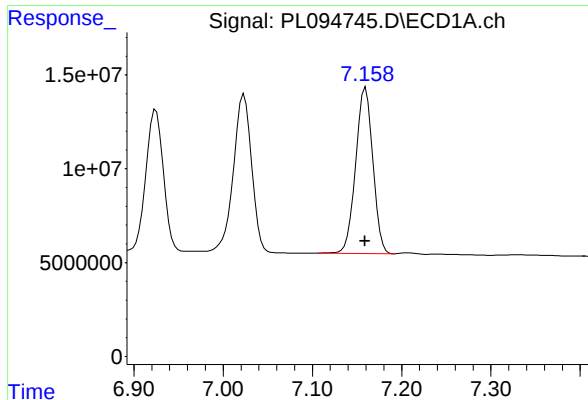
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 101371636
Conc: 48.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 170148523
Conc: 50.56 ng/ml



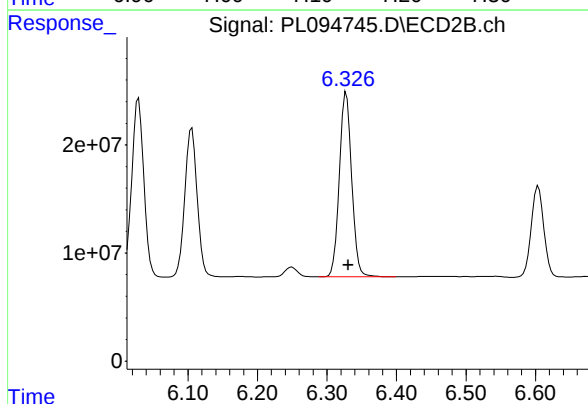
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 118287536
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

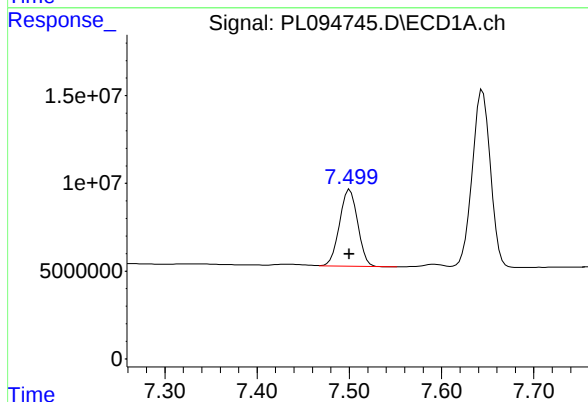
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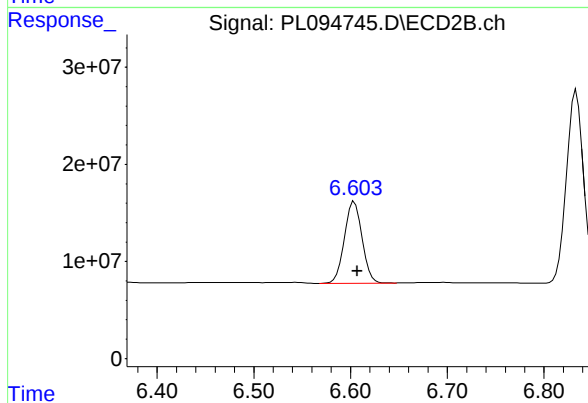
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 210529496
Conc: 51.68 ng/ml



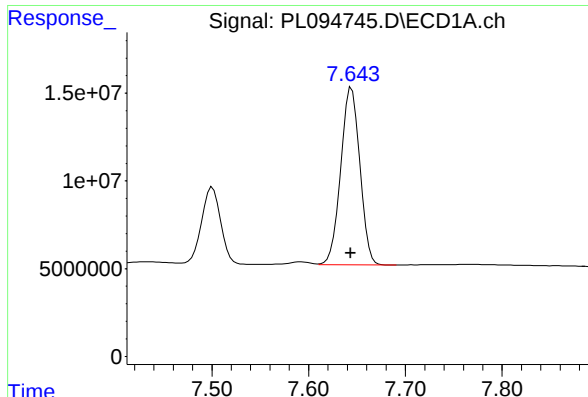
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 59699091
Conc: 49.87 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 106092993
Conc: 50.02 ng/ml



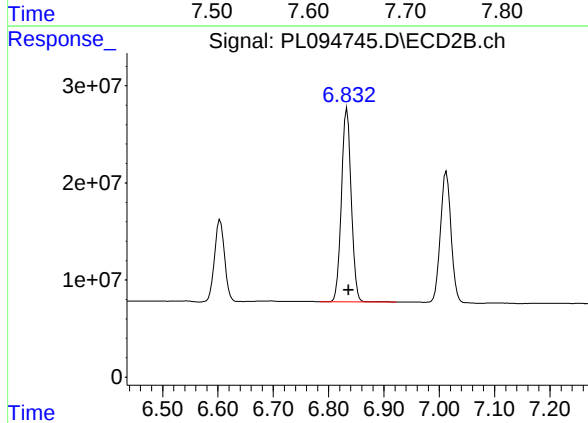
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 138552669
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

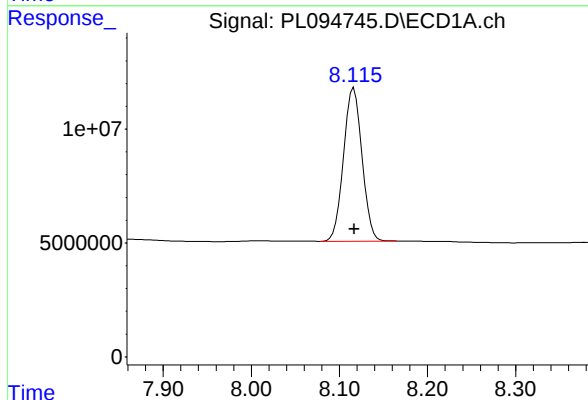
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



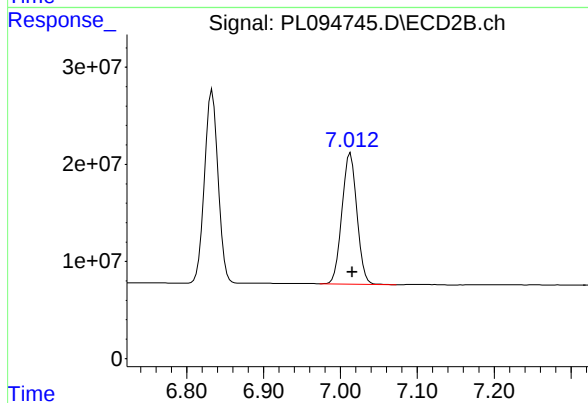
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 245157073
Conc: 51.37 ng/ml



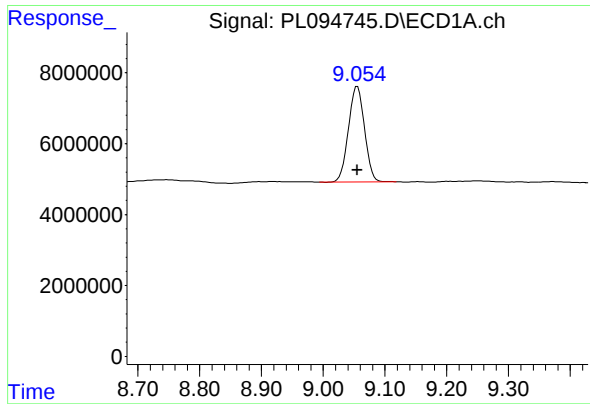
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 98405618
Conc: 47.62 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 180682107
Conc: 47.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 48734011
Conc: 23.12 ng/ml

Instrument :

ECD_L

ClientSampleId :

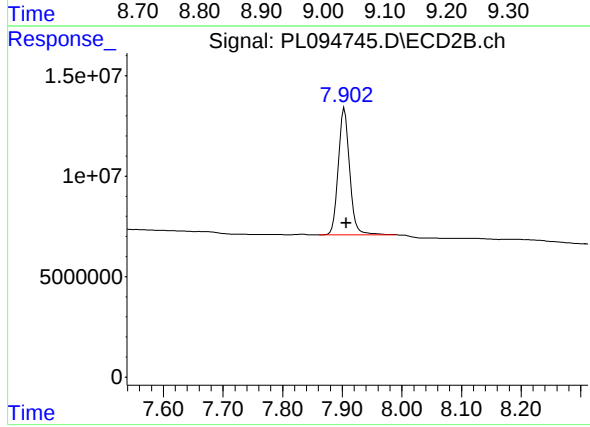
TAP-IDW-SOIL-031325-01MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/20/2025

Supervised By :mohammad ahmed 03/24/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 83552862
Conc: 20.68 ng/ml