

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:46
 Operator : AR\AJ
 Sample : P3390-01
 Misc : PEST LOD 2.5PPB/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:31:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.550	2.785	37631424	30468329	18.073	18.104
2) SA Decachlor...	9.066	7.931	27887123	30249656	20.986	20.746
Target Compounds						
2) A alpha-BHC	4.003	3.287	7194021	4793013	2.424m	1.984m
3) MA gamma-BHC...	4.336	3.617	6875055	5097086	2.455m	2.210m
4) MA Heptachlor	4.925	3.960	7091490	5012479	2.786m	2.272
5) MB Aldrin	5.267	4.240	7025844	4923482	2.812m	2.314
6) B beta-BHC	4.534	3.918	3320246	2774513	2.617	2.688
7) B delta-BHC	4.781	4.147	8273511	4787290	3.086	2.176 #
8) B Heptachlo...	5.692	4.743	7076022	4787213	3.011m	2.455
9) A Endosulfan I	6.079	5.113	6180578	4477699	2.890	2.448
10) B gamma-Chl...	5.949	4.993	6594309	5083833	2.836	2.508
11) B alpha-Chl...	6.028	5.057	6518796	5027263	2.840	2.488
12) B 4,4'-DDE	6.201	5.246	5758360	4283686	2.848	2.397
13) MA Dieldrin	6.352	5.378	6550283	4581202	2.948m	2.336
14) MA Endrin	6.582	5.653	4659497	4530140	2.534m	2.632
15) B Endosulfa...	6.802	5.947	7144835	4530800	3.633	2.652 #
16) A 4,4'-DDD	6.716	5.801	5413579	4233165	3.207m	2.825
17) MA 4,4'-DDT	7.030	6.052	3685307	2798986	2.189m	1.910
18) B Endrin al...	6.932	6.127	4593261	3666147	3.096	2.806
19) B Endosulfa...	7.164	6.349	5665086	4303040	3.226m	2.669
20) A Methoxychlor	7.506	6.627	2479331	1926009	2.808m	2.382
21) B Endrin ke...	7.649	6.855	5800071	5078149	3.038m	2.779
22) Mirex	8.125	7.038	4938539	4589562	3.487	3.087

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:46
Operator : AR\AJ
Sample : P3390-01
Misc : PEST LOD 2.5PPB/SOIL
ALS Vial : 9 Sample Multiplier: 1

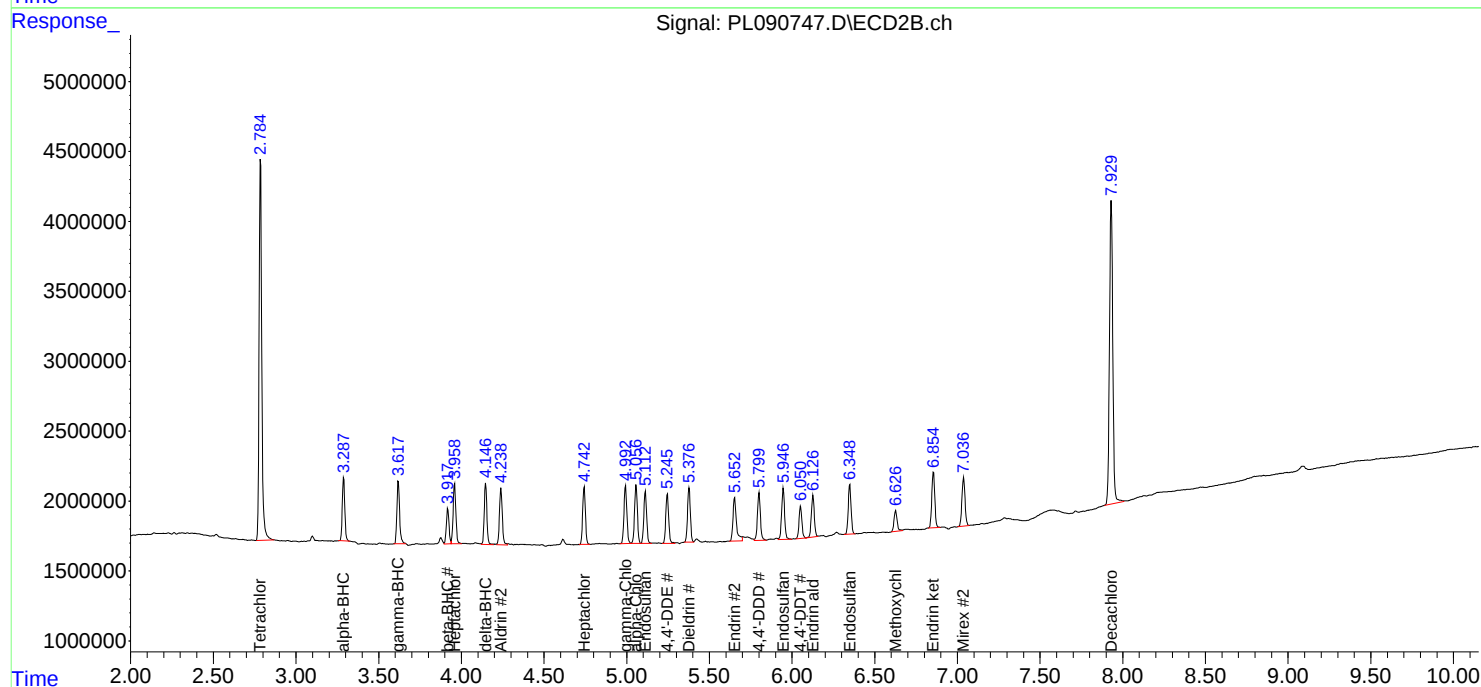
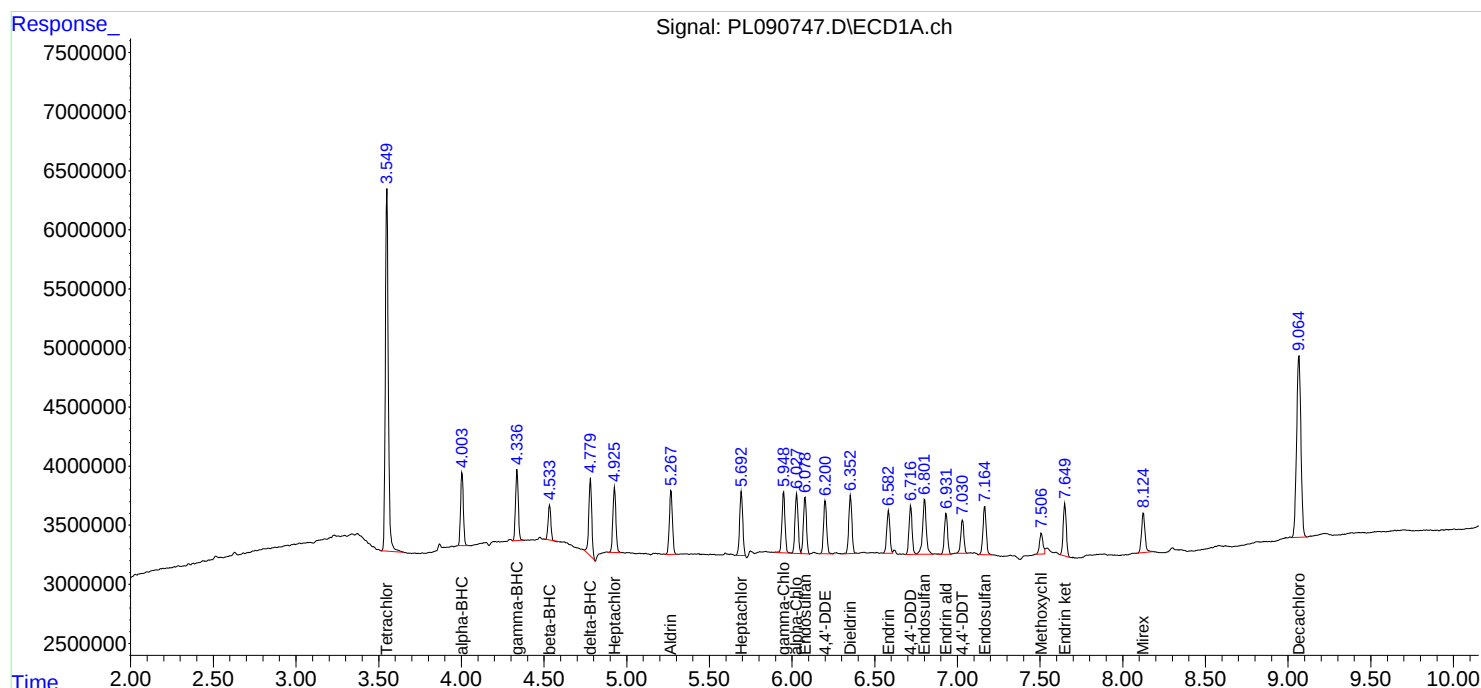
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

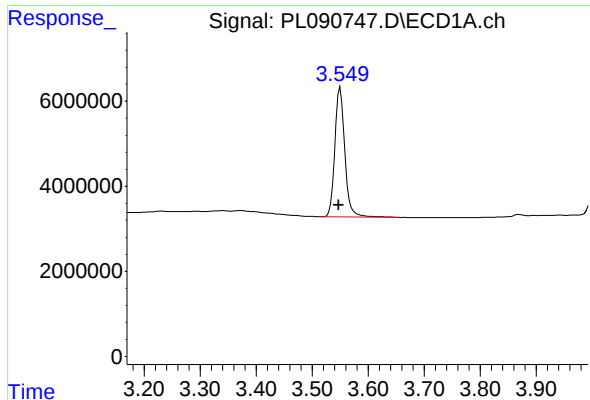
Manual Integrations
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Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:31:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





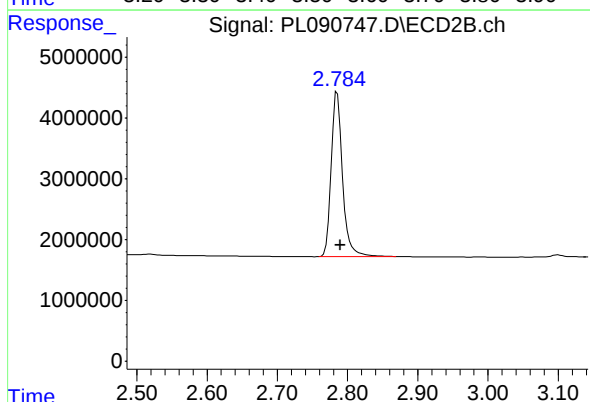
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.003 min
Response: 37631424
Conc: 18.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

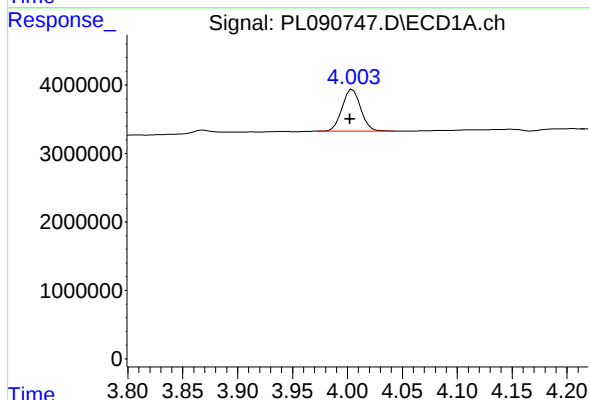
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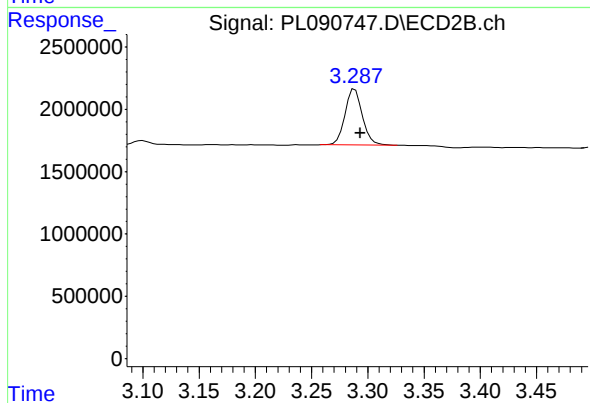
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: -0.004 min
Response: 30468329
Conc: 18.10 ng/ml



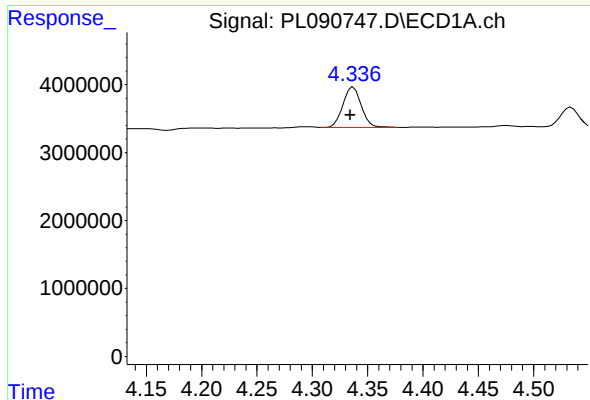
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 7194021
Conc: 2.42 ng/ml m



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.006 min
Response: 4793013
Conc: 1.98 ng/ml m



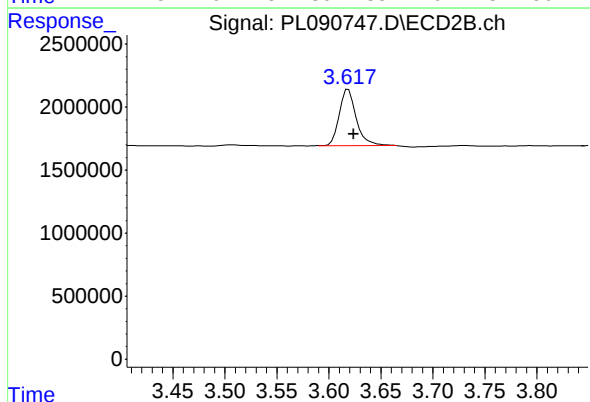
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.001 min
Response: 6875055
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

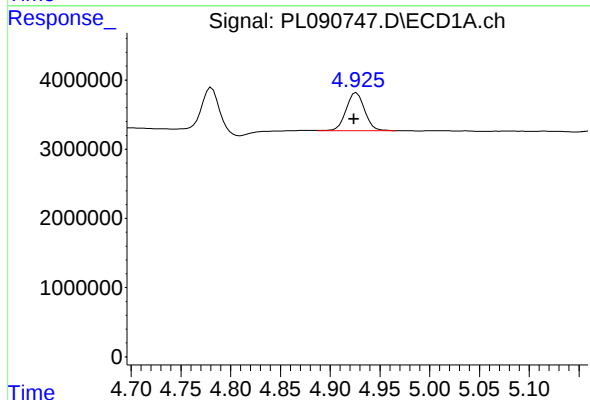
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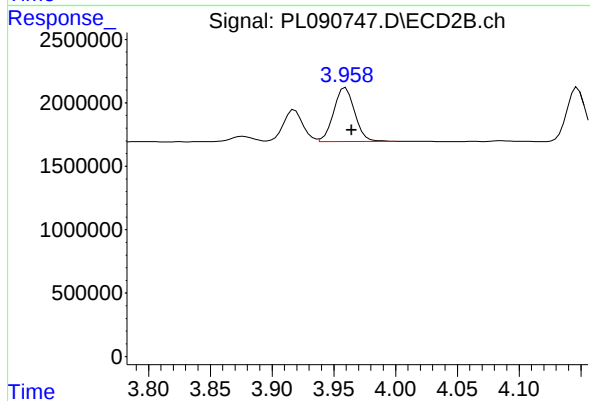
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.006 min
Response: 5097086
Conc: 2.21 ng/ml m



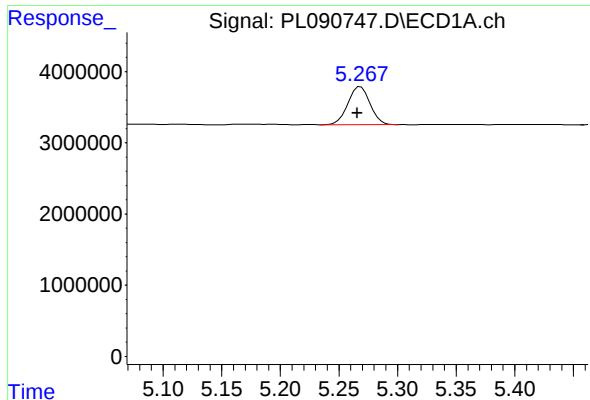
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 7091490
Conc: 2.79 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 5012479
Conc: 2.27 ng/ml



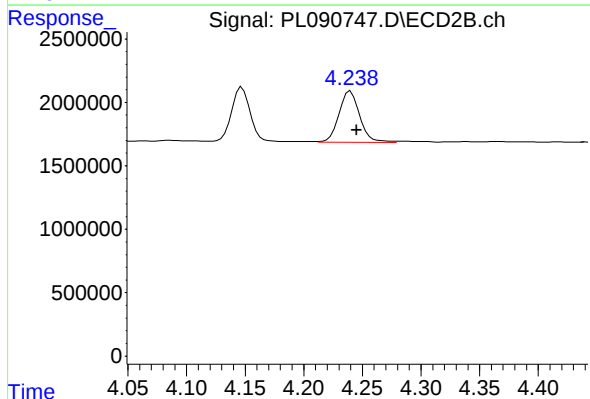
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 7025844
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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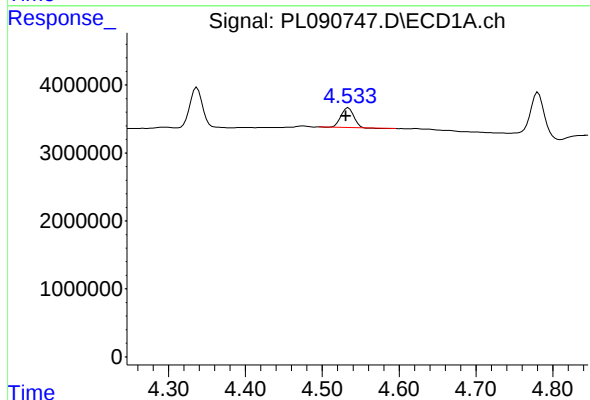
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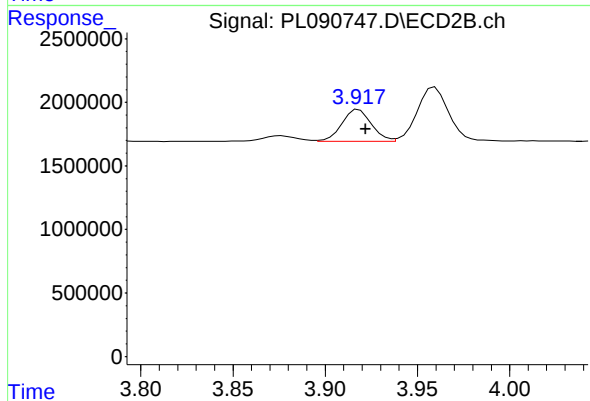
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 4923482
Conc: 2.31 ng/ml



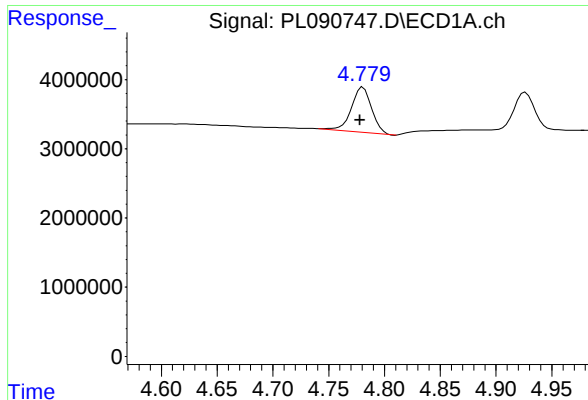
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.003 min
Response: 3320246
Conc: 2.62 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 2774513
Conc: 2.69 ng/ml



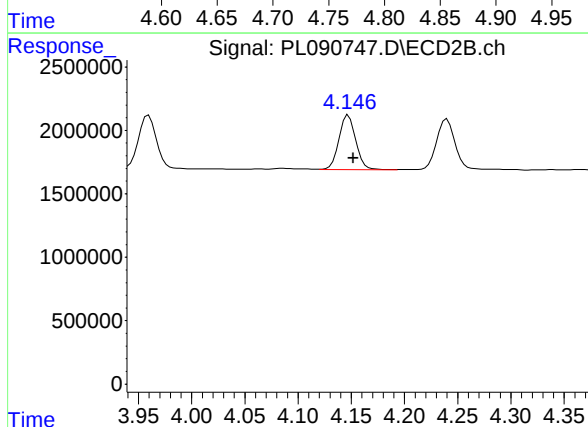
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.003 min
Response: 8273511
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

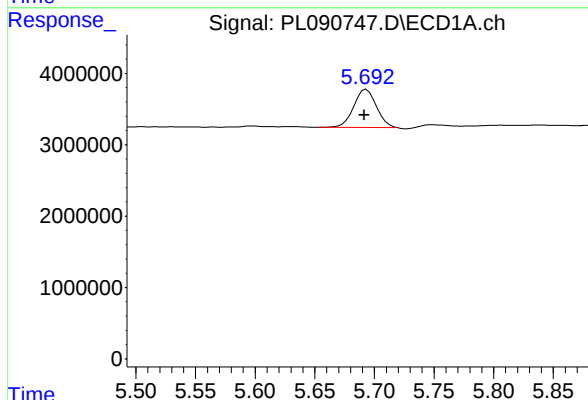
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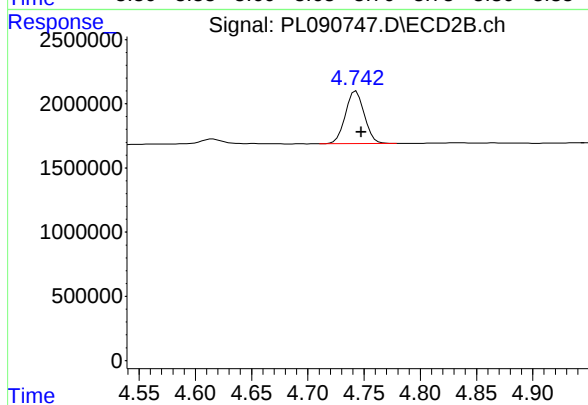
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.004 min
Response: 4787290
Conc: 2.18 ng/ml



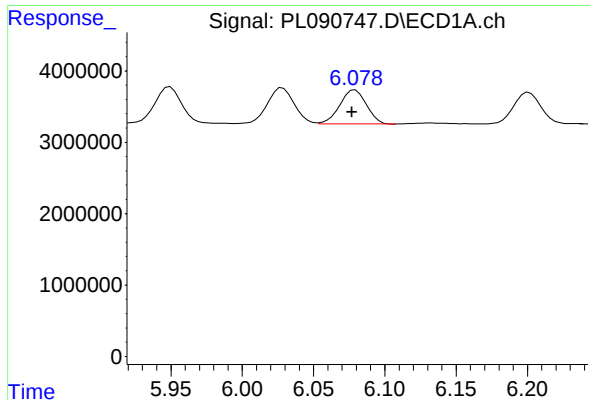
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 7076022
Conc: 3.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 4787213
Conc: 2.45 ng/ml



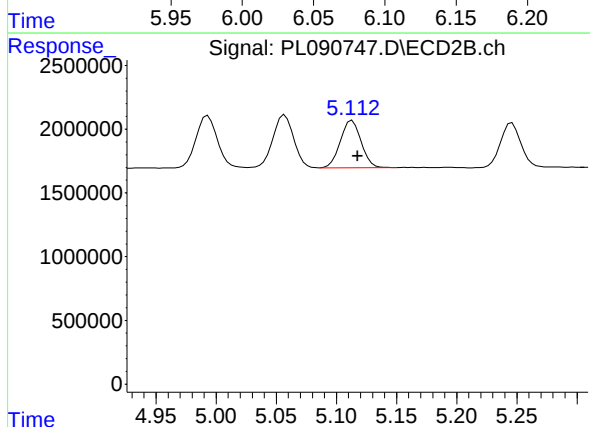
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 6180578
Conc: 2.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

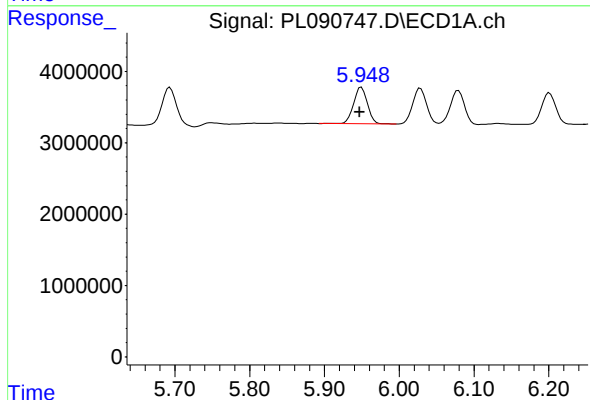
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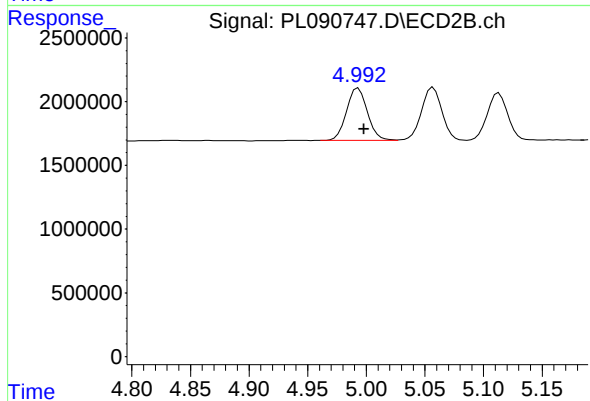
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 4477699
Conc: 2.45 ng/ml



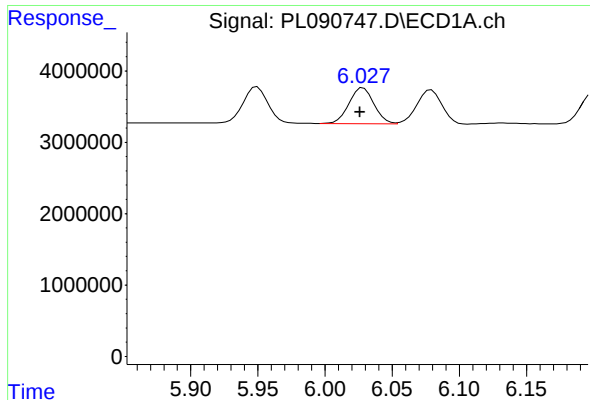
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 6594309
Conc: 2.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 5083833
Conc: 2.51 ng/ml



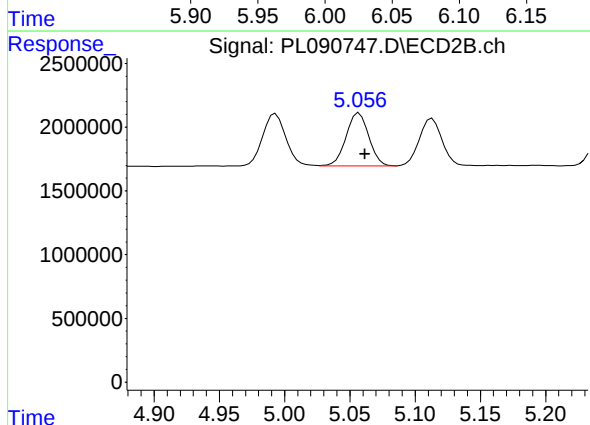
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 6518796
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

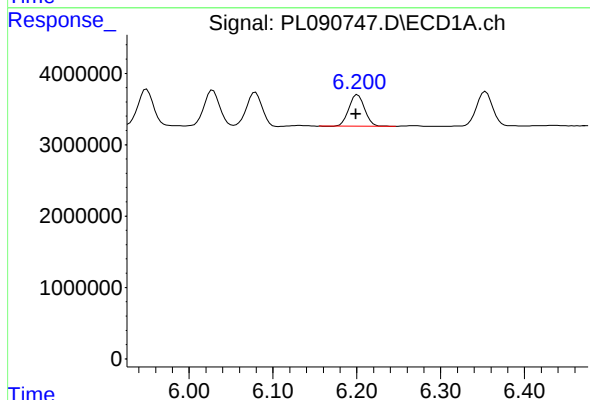
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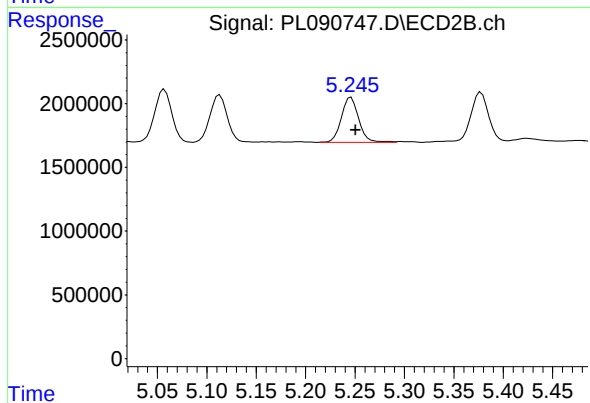
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.004 min
Response: 5027263
Conc: 2.49 ng/ml



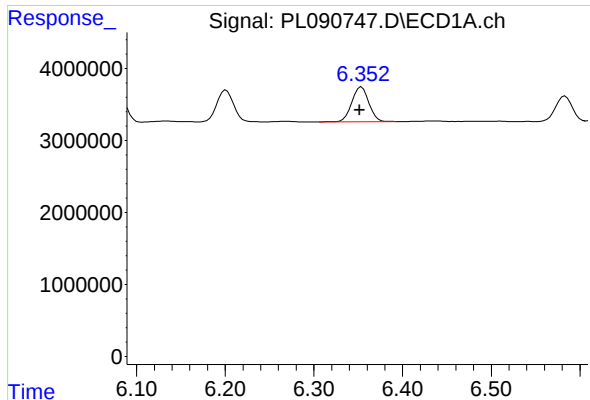
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 5758360
Conc: 2.85 ng/ml



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 4283686
Conc: 2.40 ng/ml



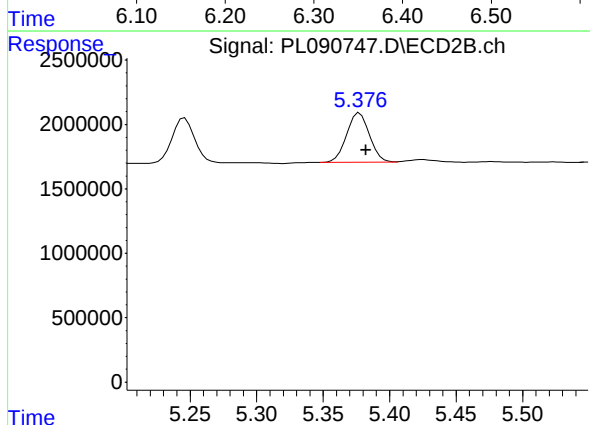
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 6550283
Conc: 2.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

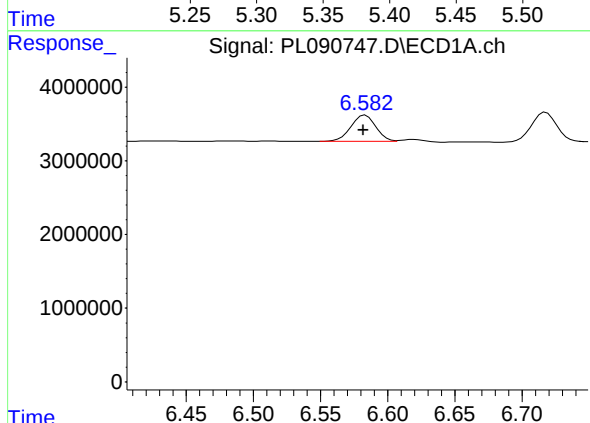
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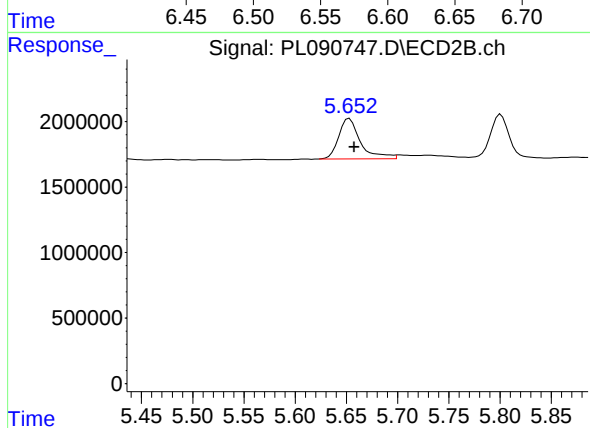
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.005 min
Response: 4581202
Conc: 2.34 ng/ml



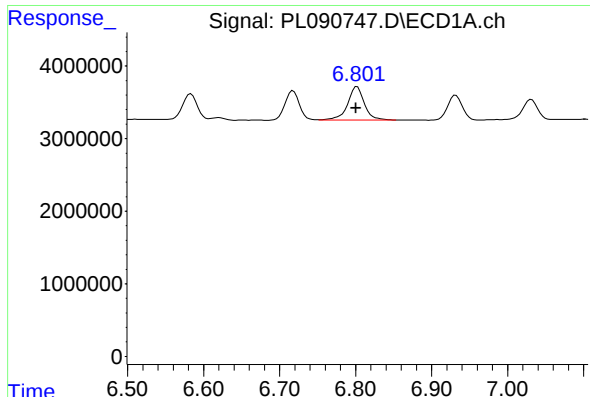
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 4659497
Conc: 2.53 ng/ml m



#14 Endrin

R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 4530140
Conc: 2.63 ng/ml



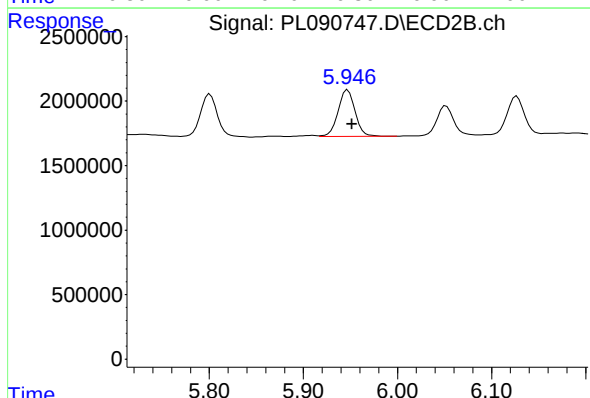
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 7144835
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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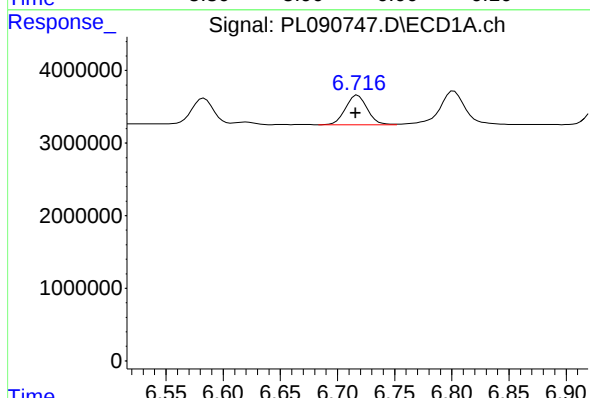
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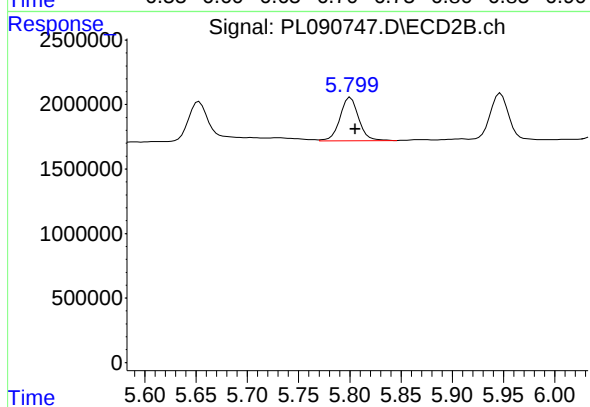
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 4530800
Conc: 2.65 ng/ml



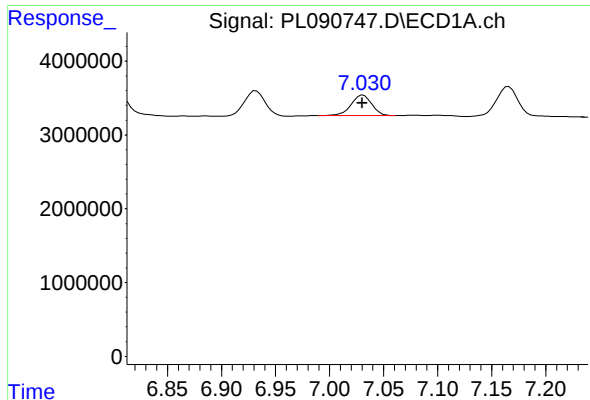
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 5413579
Conc: 3.21 ng/ml m



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 4233165
Conc: 2.83 ng/ml



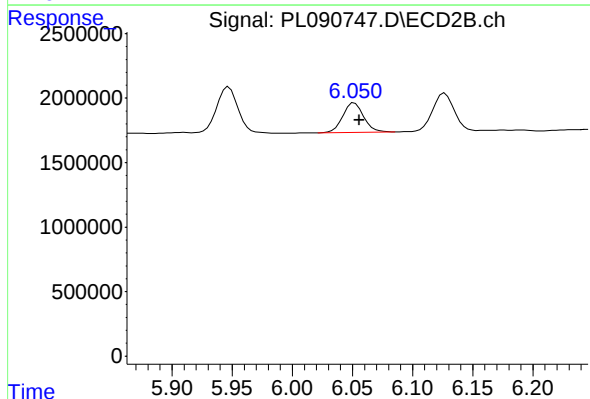
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 3685307
Conc: 2.19 ng/ml

Instrument :
ECD_L
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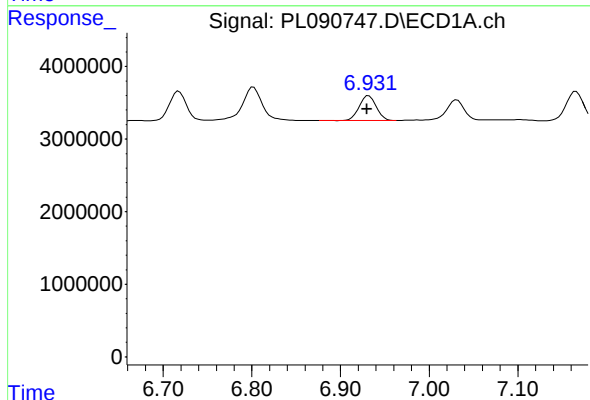
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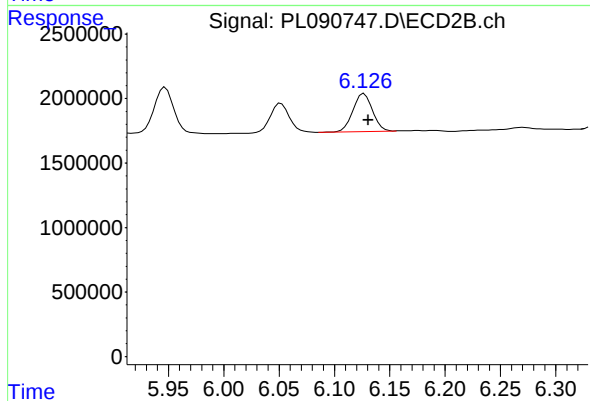
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 2798986
Conc: 1.91 ng/ml



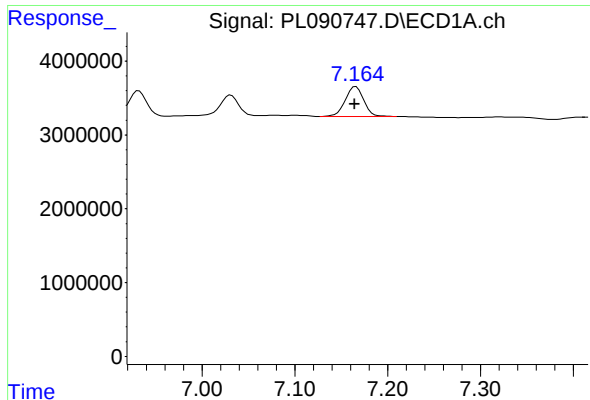
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 4593261
Conc: 3.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 3666147
Conc: 2.81 ng/ml



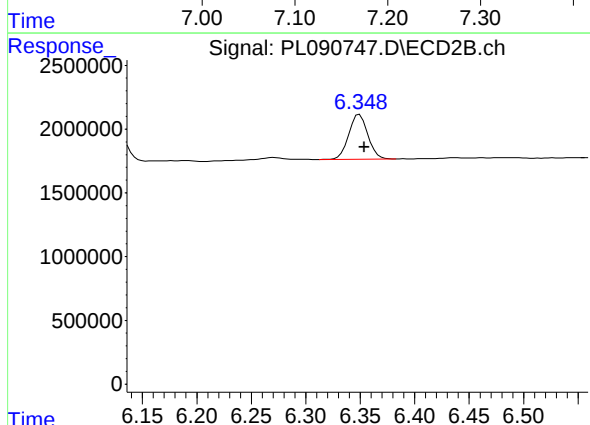
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 5665086
Conc: 3.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

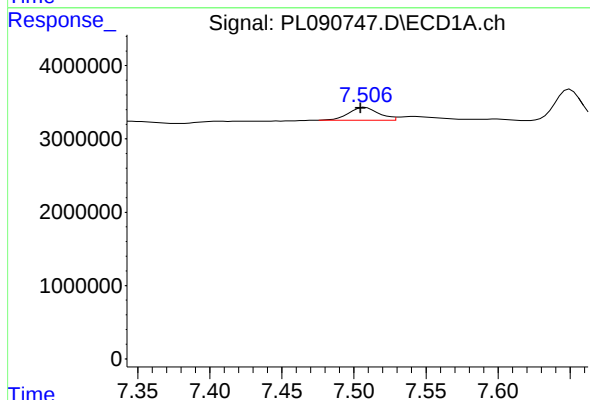
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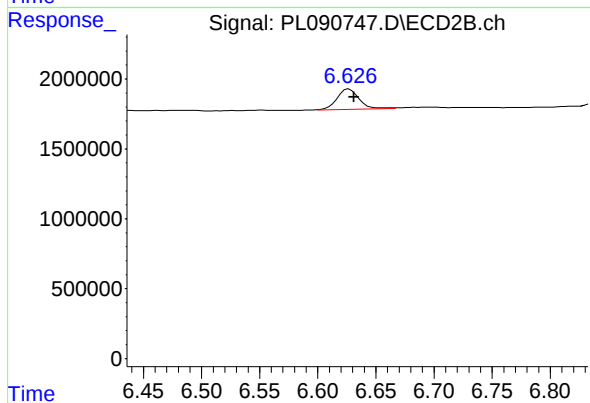
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 4303040
Conc: 2.67 ng/ml



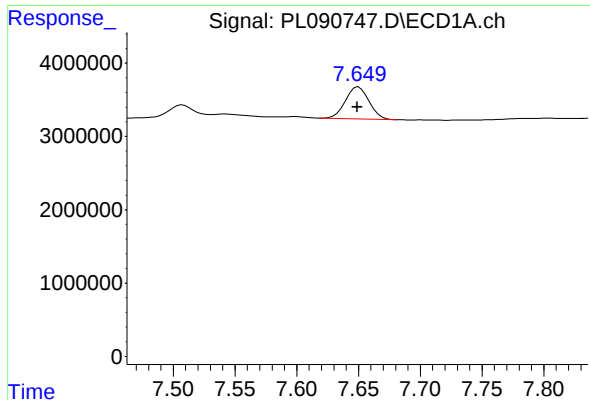
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 2479331
Conc: 2.81 ng/ml m



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 1926009
Conc: 2.38 ng/ml



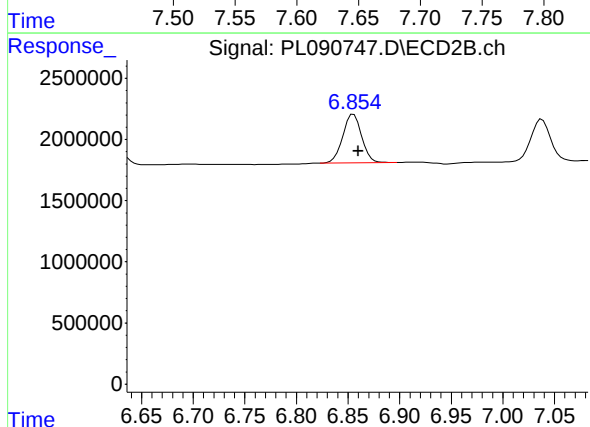
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 5800071
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

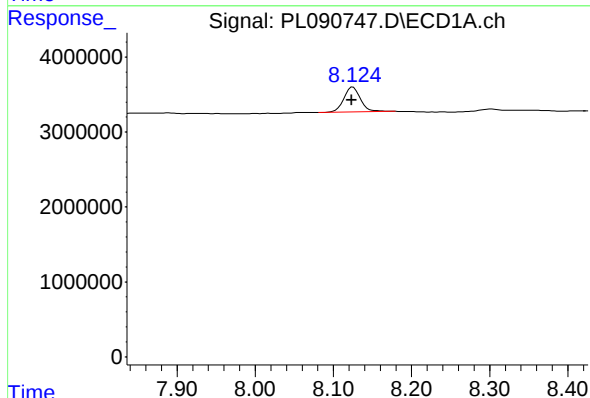
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



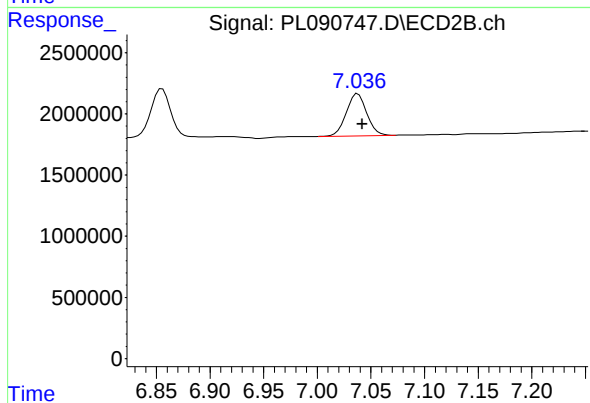
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: -0.005 min
Response: 5078149
Conc: 2.78 ng/ml



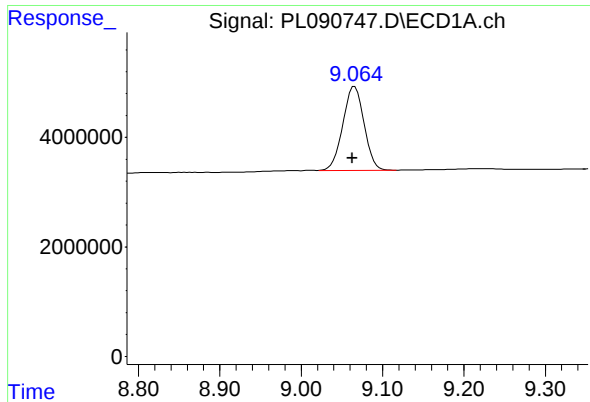
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 4938539
Conc: 3.49 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 4589562
Conc: 3.09 ng/ml



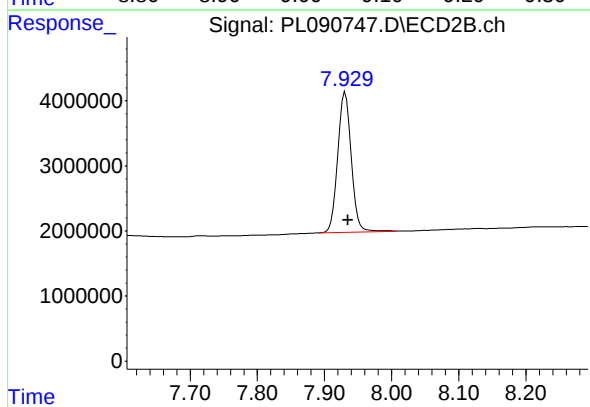
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.003 min
Response: 27887123
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 30249656
Conc: 20.75 ng/ml