

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 13:10
 Operator : AR\AJ
 Sample : P3390-02
 Misc : PEST LOQ 5PPB/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-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 00:32:40 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...	3.544	2.787	39772166	33746020	19.101	20.052
28) SA Decachlor...	9.052	7.926	30406071	36106555	22.881m	24.763
Target Compounds						
2) A alpha-BHC	3.999	3.288	13513487	9268749	4.554	3.836m
3) MA gamma-BHC...	4.330	3.618	13077892	9465133	4.670m	4.105m
4) MA Heptachlor	4.919	3.960	12557478	9350739	4.934m	4.239
5) MB Aldrin	5.262	4.238	12869027	9017256	5.151	4.238m
6) B beta-BHC	4.528	3.917	7135729	4917039	5.625	4.764m
7) B delta-BHC	4.774	4.146	13805894	8731431	5.149	3.969m
8) B Heptachlo...	5.685	4.742	12665697	9093531	5.389m	4.662
9) A Endosulfan I	6.071	5.112	10909290	8319628	5.101m	4.549
10) B gamma-Chl...	5.941	4.992	12187883	9376203	5.242m	4.625
11) B alpha-Chl...	6.020	5.056	12026079	9420792	5.238m	4.662
12) B 4,4'-DDE	6.194	5.244	10453061	7753629	5.170	4.339m
13) MA Dieldrin	6.347	5.376	11759311	8698285	5.293	4.436
14) MA Endrin	6.575	5.651	8772757	7346951	4.772m	4.269
15) B Endosulfa...	6.793	5.945	10696359	8028400	5.438m	4.699
16) A 4,4'-DDD	6.709	5.799	9245312	7229433	5.476m	4.825
17) MA 4,4'-DDT	7.023	6.050	7706909	5450824	4.578m	3.720
18) B Endrin al...	6.925	6.125	8214783	6312157	5.537	4.831
19) B Endosulfa...	7.157	6.347	9818921	9193104	5.591m	5.701
20) A Methoxychlor	7.498	6.624	4065084	3496575	4.604m	4.325m
21) B Endrin ke...	7.644	6.853	10694234	8380119	5.602	4.586
22) Mirex	8.117	7.035	9049834	7766864	6.390	5.225

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 13:10
Operator : AR\AJ
Sample : P3390-02
Misc : PEST LOQ 5PPB/SOIL
ALS Vial : 11 Sample Multiplier: 1

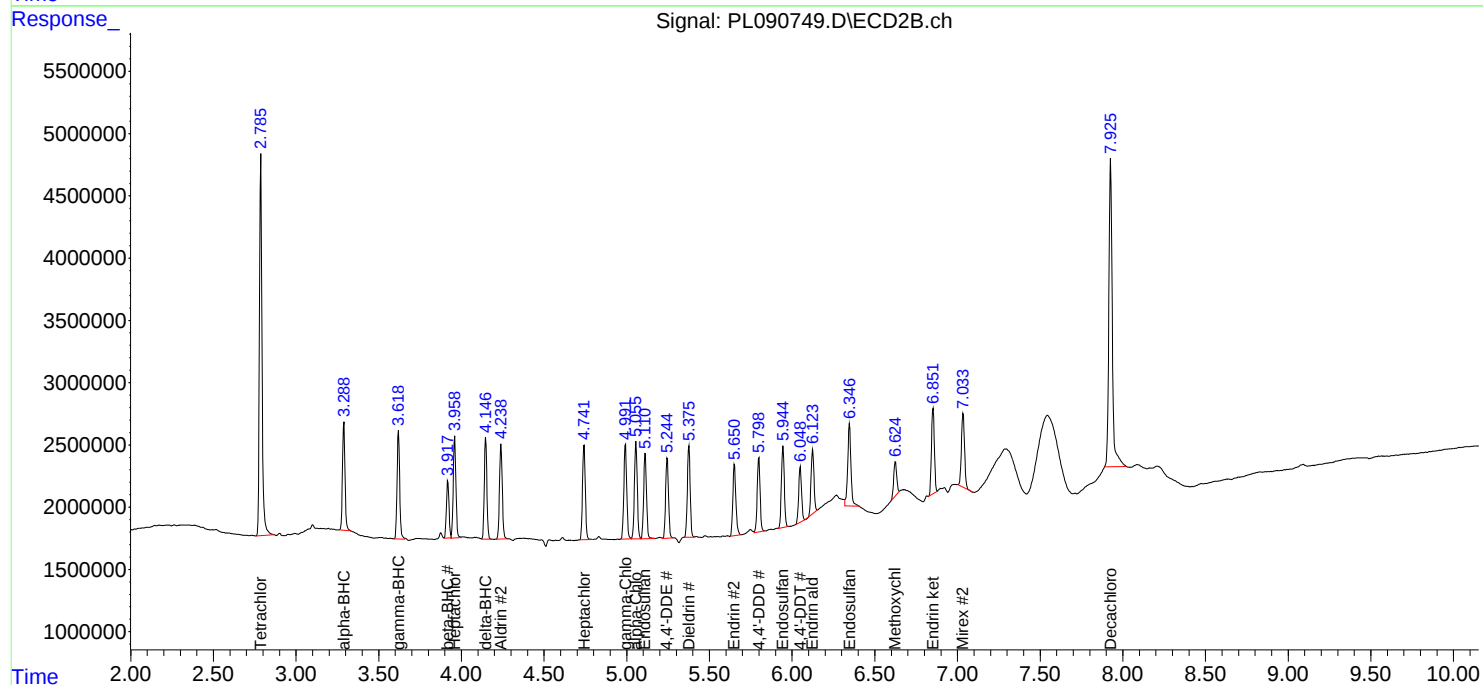
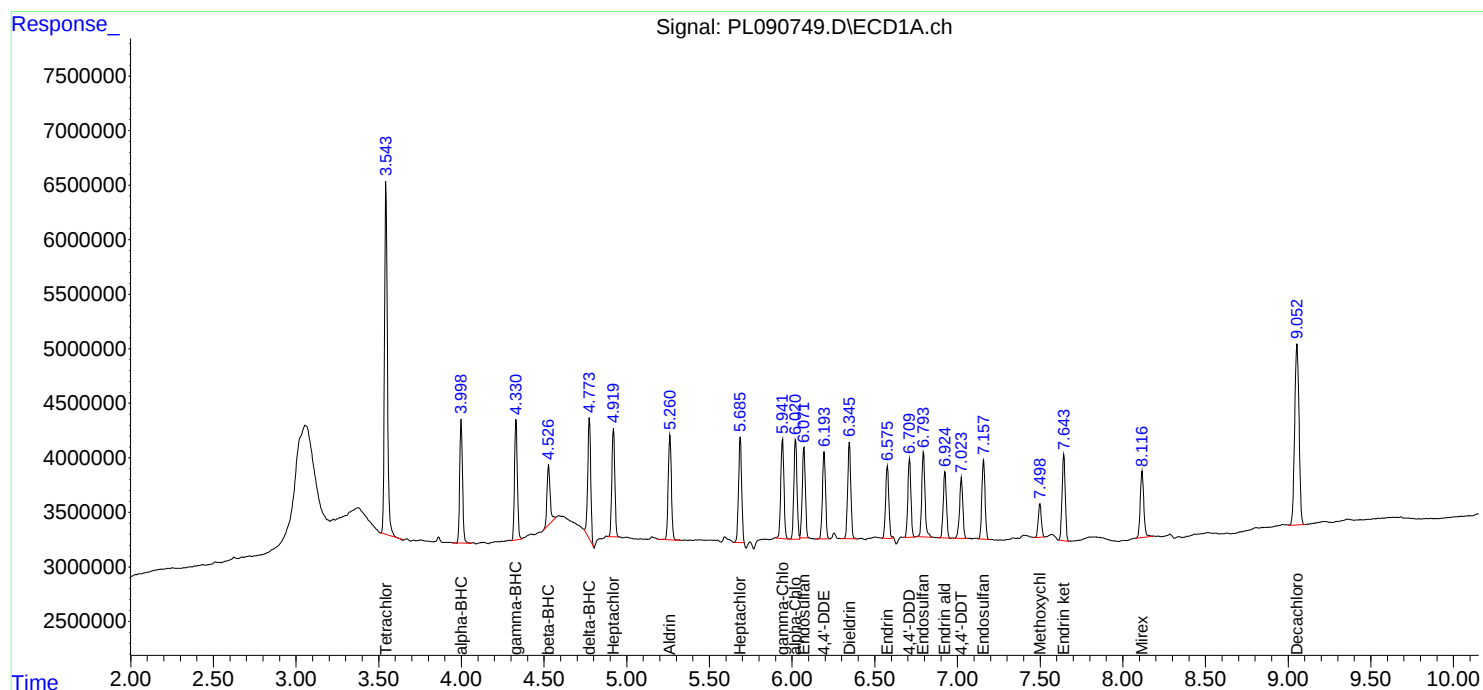
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

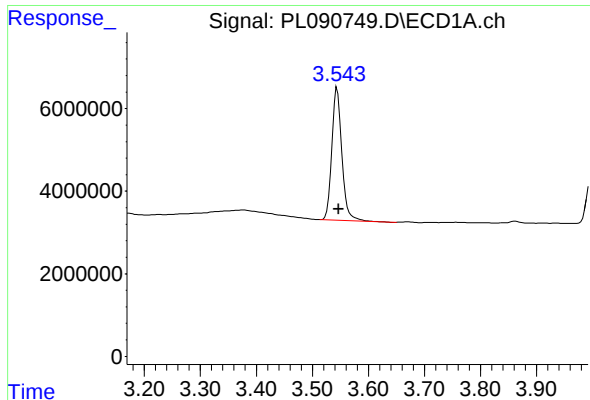
Manual Integrations
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Reviewed By : Abdul Mirza 08/05/2024
Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:32:40 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





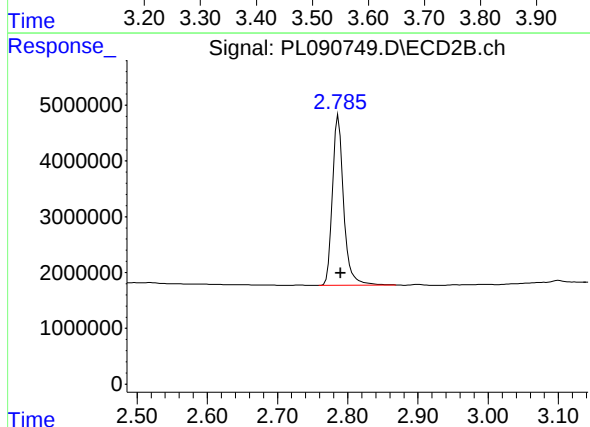
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 39772166
Conc: 19.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

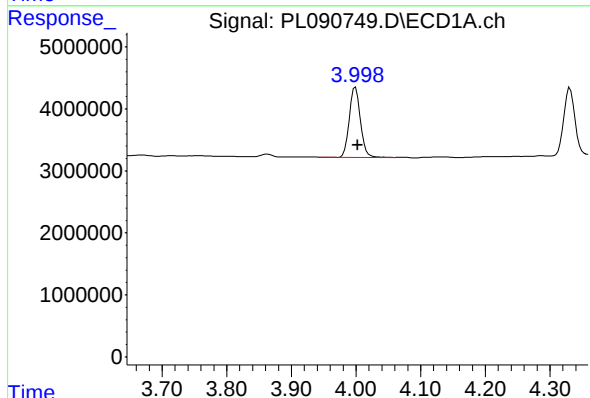
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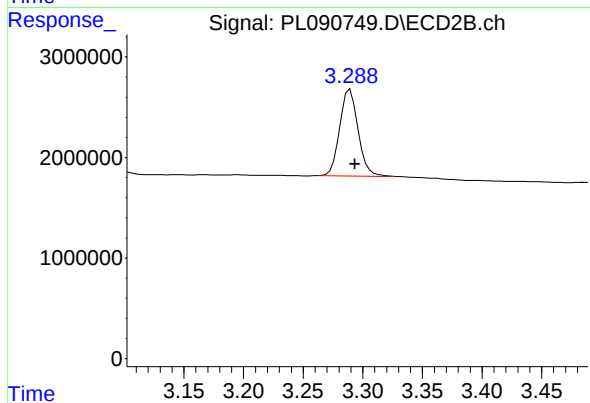
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.003 min
Response: 33746020
Conc: 20.05 ng/ml



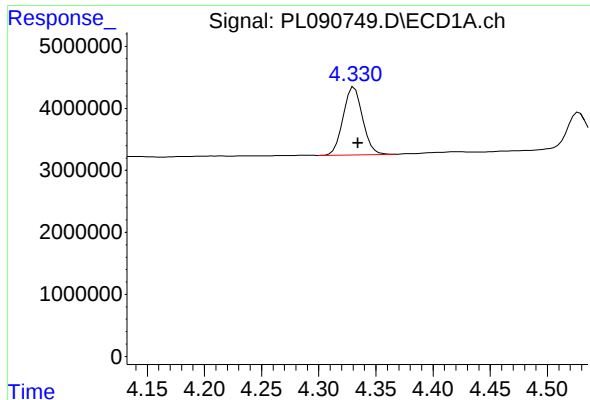
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 13513487
Conc: 4.55 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.005 min
Response: 9268749
Conc: 3.84 ng/ml m



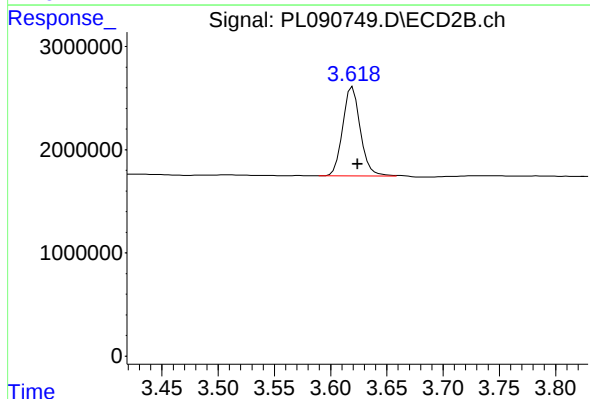
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 13077892
Conc: 4.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

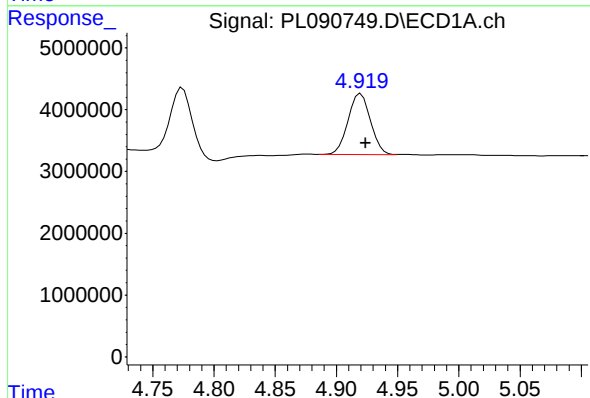
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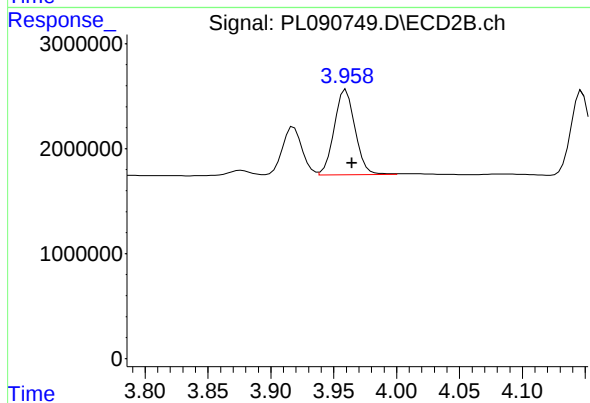
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: -0.006 min
Response: 9465133
Conc: 4.10 ng/ml m



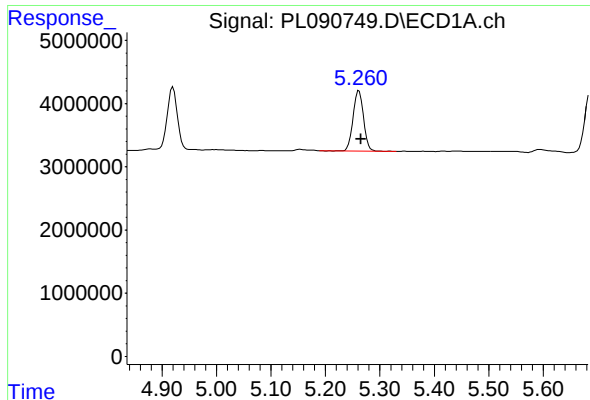
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.005 min
Response: 12557478
Conc: 4.93 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 9350739
Conc: 4.24 ng/ml



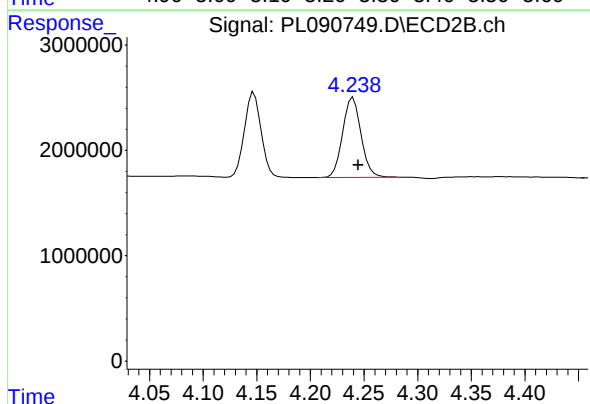
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 12869027
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

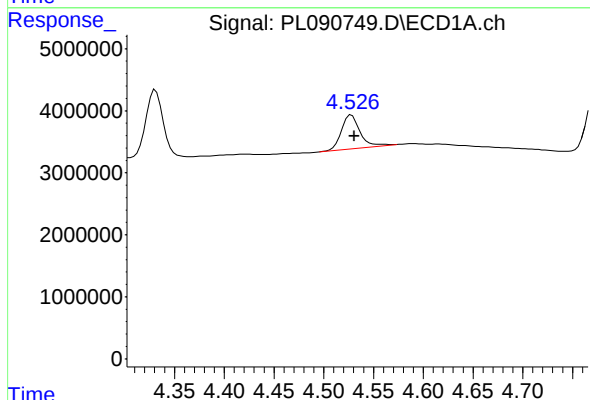
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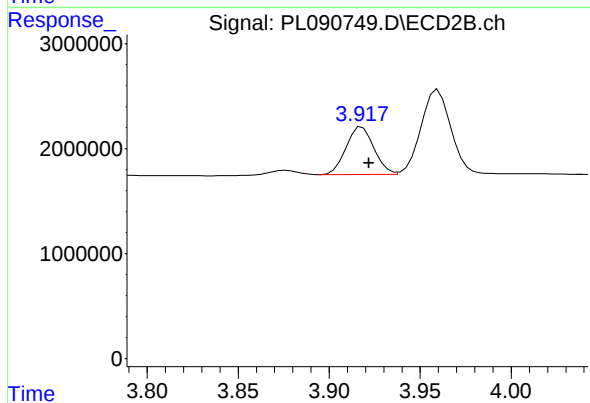
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: -0.006 min
Response: 9017256
Conc: 4.24 ng/ml m



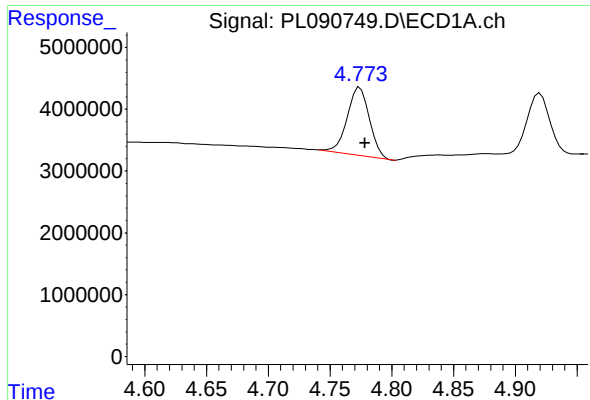
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 7135729
Conc: 5.63 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.005 min
Response: 4917039
Conc: 4.76 ng/ml m



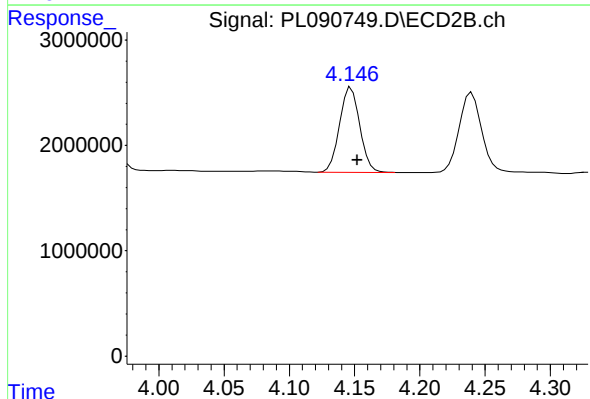
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 13805894
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

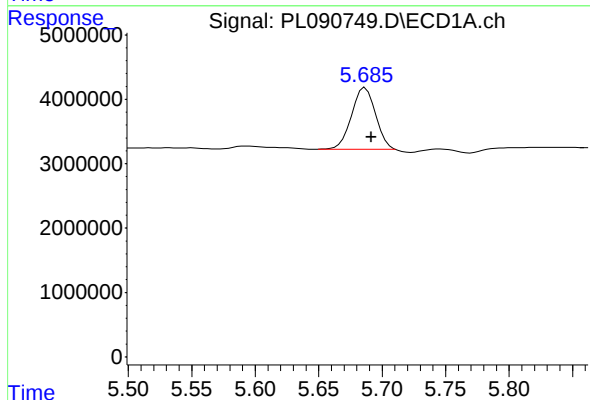
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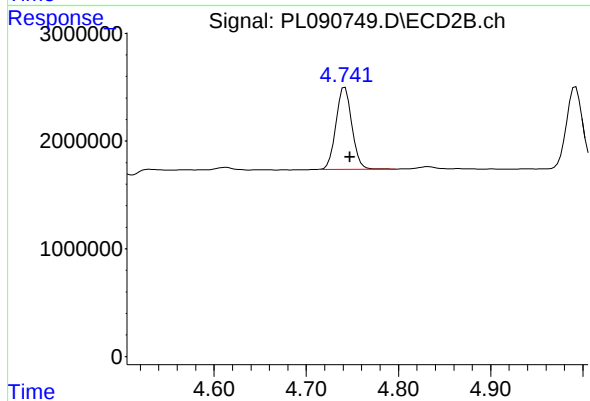
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.006 min
Response: 8731431
Conc: 3.97 ng/ml m



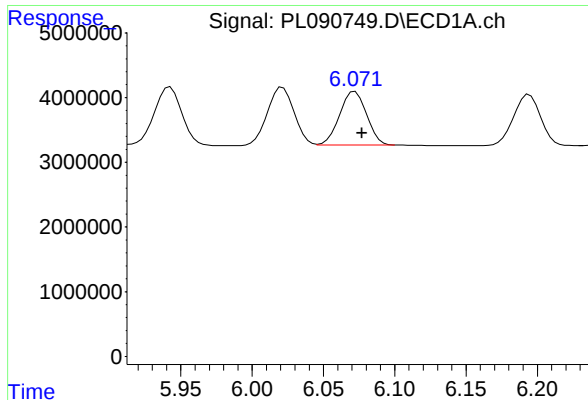
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.006 min
Response: 12665697
Conc: 5.39 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 9093531
Conc: 4.66 ng/ml



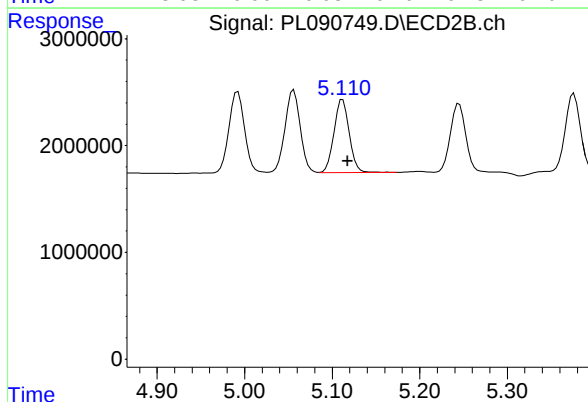
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.006 min
Response: 10909290
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

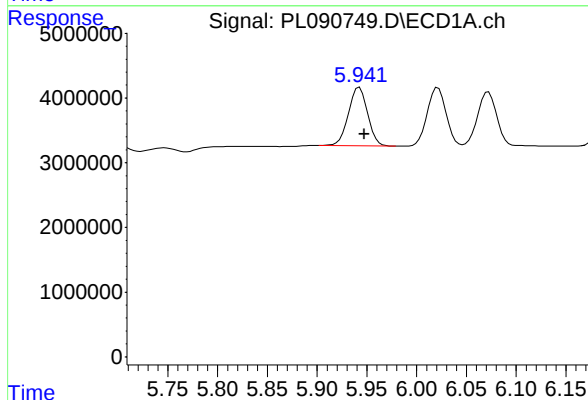
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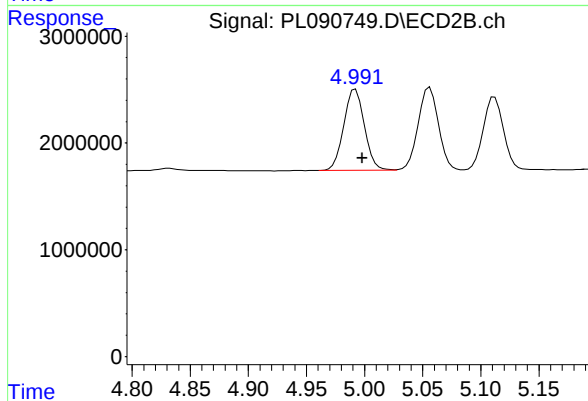
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.006 min
Response: 8319628
Conc: 4.55 ng/ml



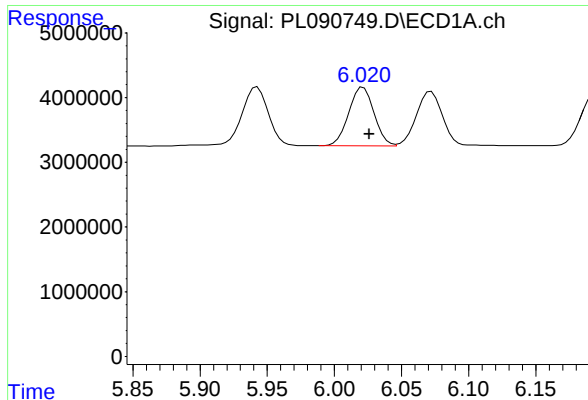
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.006 min
Response: 12187883
Conc: 5.24 ng/ml m



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 9376203
Conc: 4.62 ng/ml



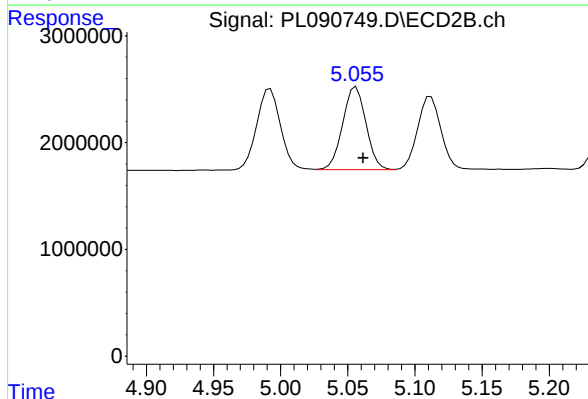
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.006 min
Response: 12026079
Conc: 5.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

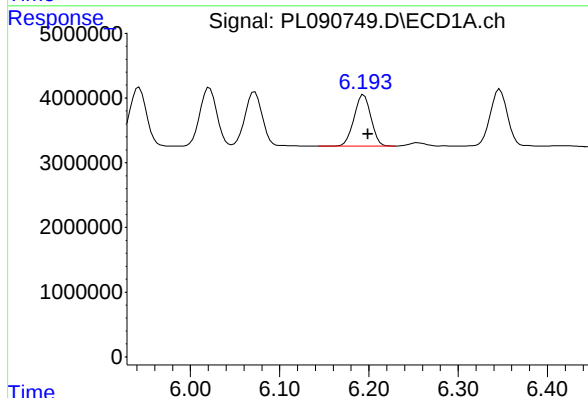
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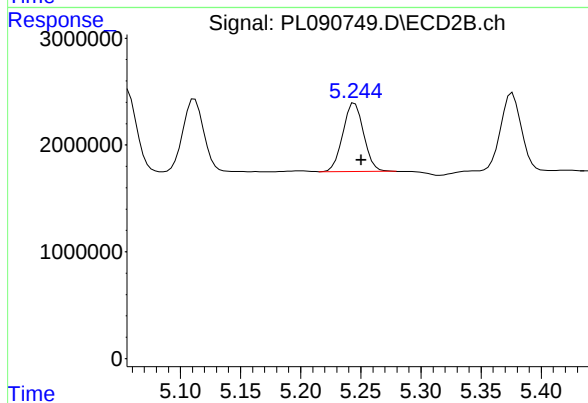
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.005 min
Response: 9420792
Conc: 4.66 ng/ml



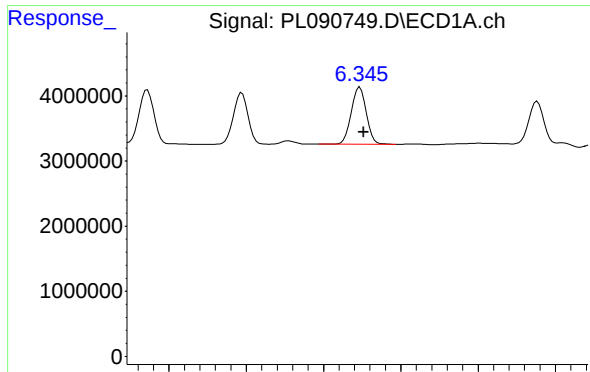
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.005 min
Response: 10453061
Conc: 5.17 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.007 min
Response: 7753629
Conc: 4.34 ng/ml m



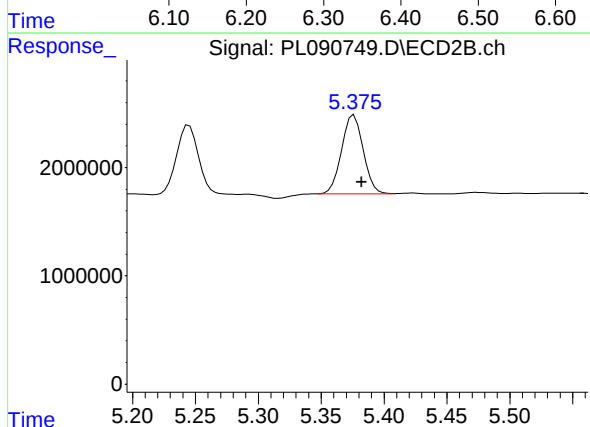
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 11759311
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

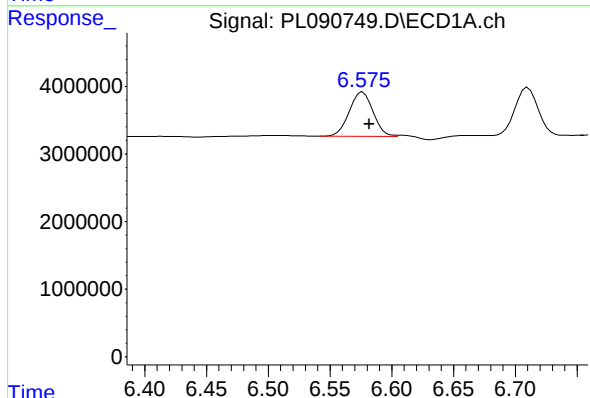
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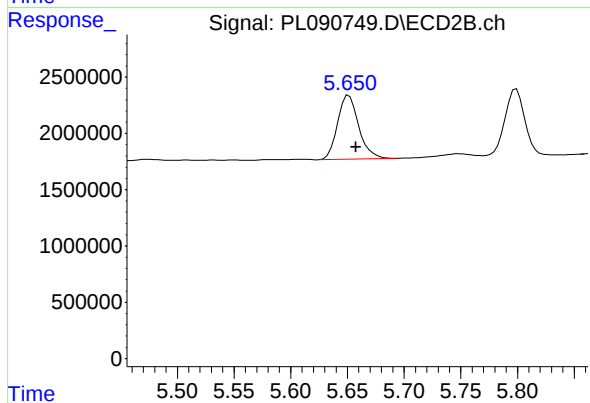
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.006 min
Response: 8698285
Conc: 4.44 ng/ml



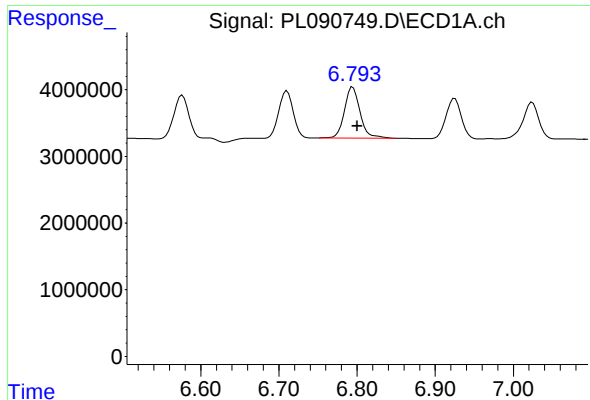
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.007 min
Response: 8772757
Conc: 4.77 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 7346951
Conc: 4.27 ng/ml



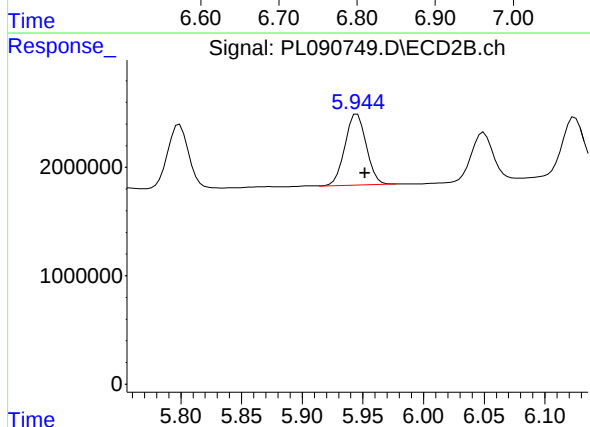
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 10696359
Conc: 5.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

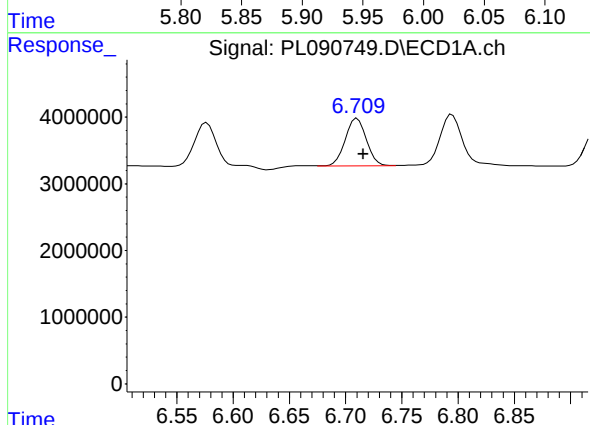
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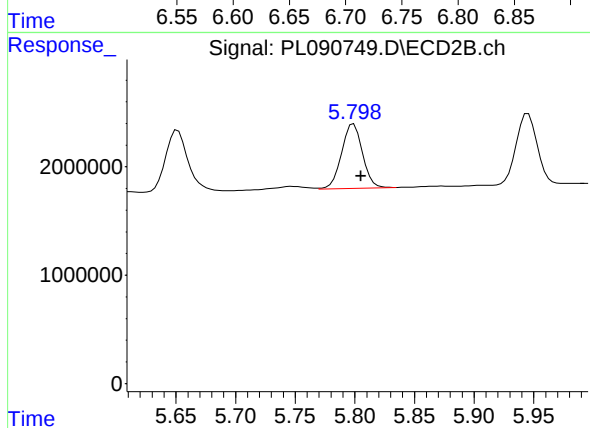
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 8028400
Conc: 4.70 ng/ml



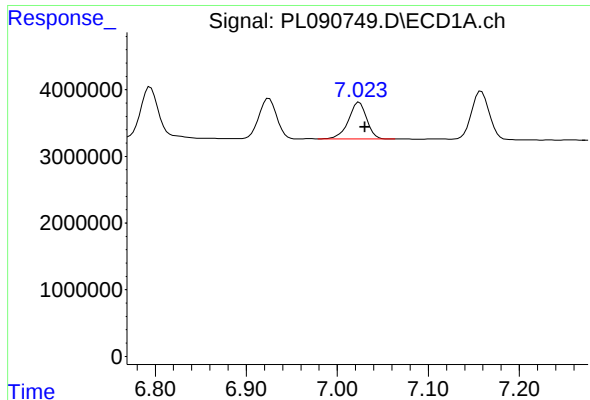
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.007 min
Response: 9245312
Conc: 5.48 ng/ml m



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 7229433
Conc: 4.83 ng/ml



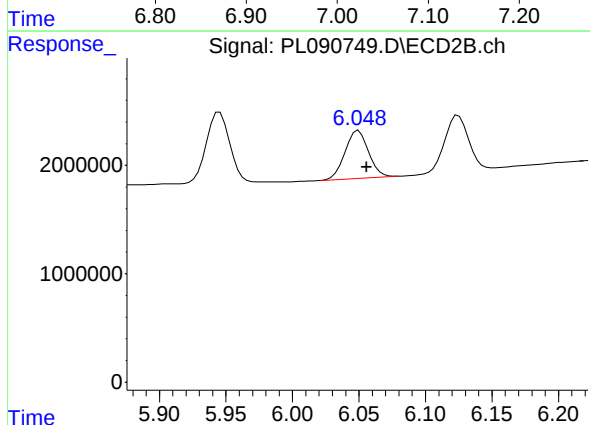
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.007 min
Response: 7706909
Conc: 4.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

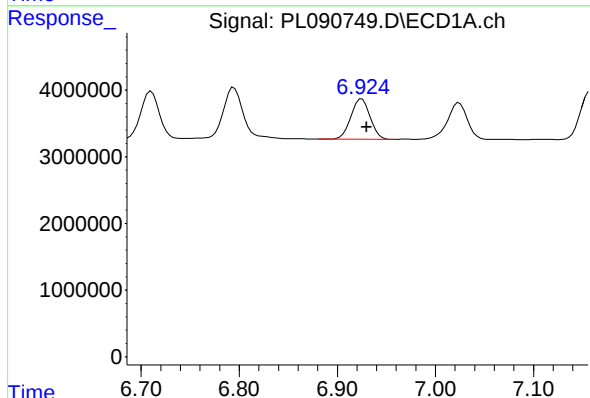
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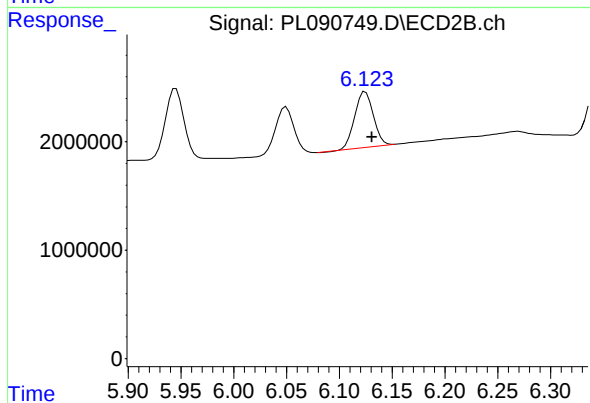
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 5450824
Conc: 3.72 ng/ml



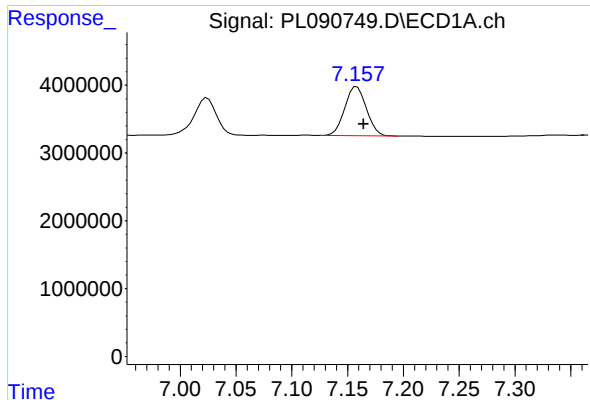
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 8214783
Conc: 5.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 6312157
Conc: 4.83 ng/ml



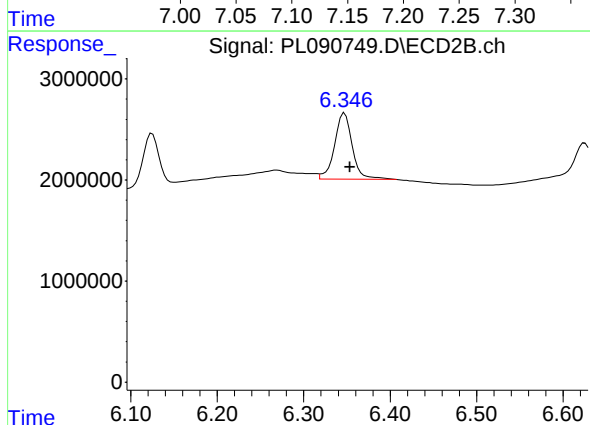
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.007 min
Response: 9818921
Conc: 5.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

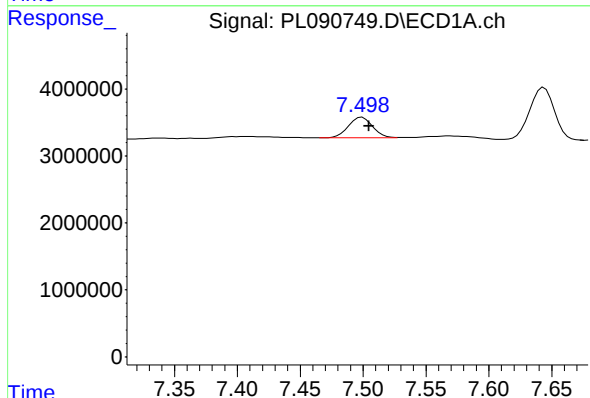
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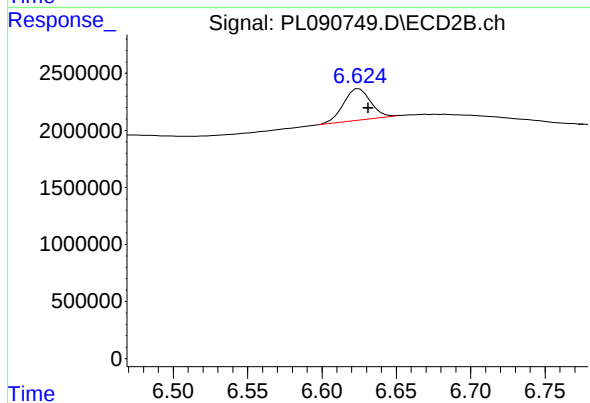
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 9193104
Conc: 5.70 ng/ml



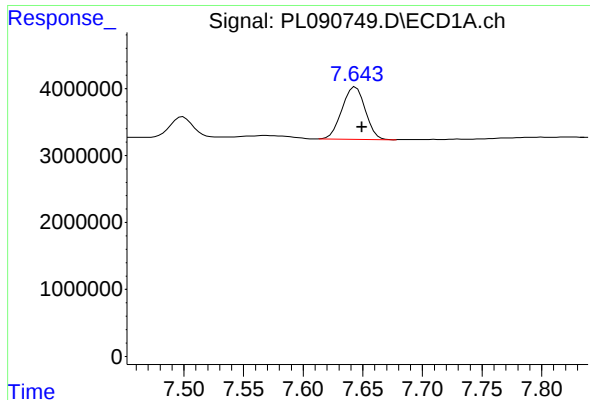
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.007 min
Response: 4065084
Conc: 4.60 ng/ml m



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.008 min
Response: 3496575
Conc: 4.32 ng/ml m



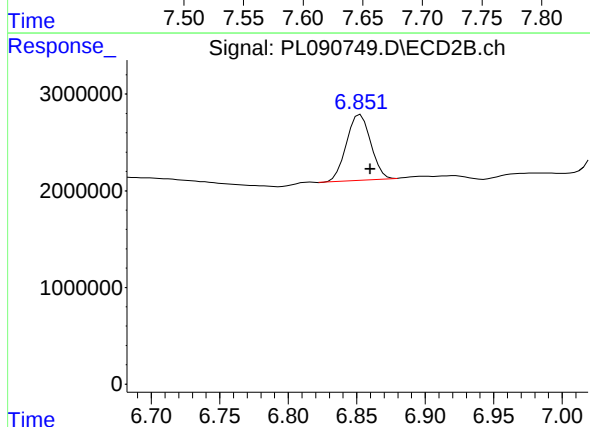
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 10694234
Conc: 5.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

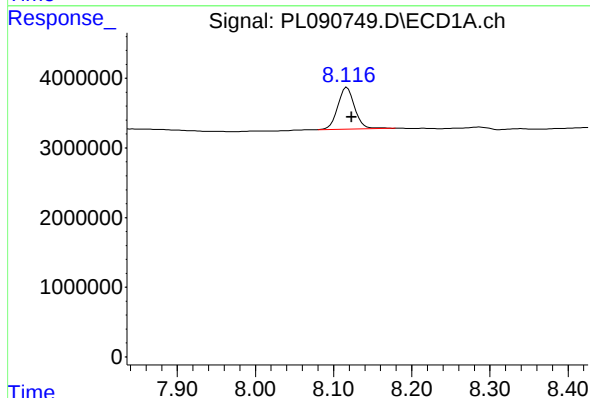
Manual Integrations
APPROVED

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



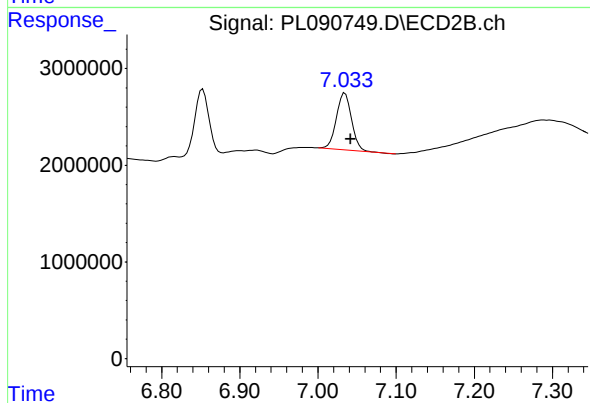
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 8380119
Conc: 4.59 ng/ml



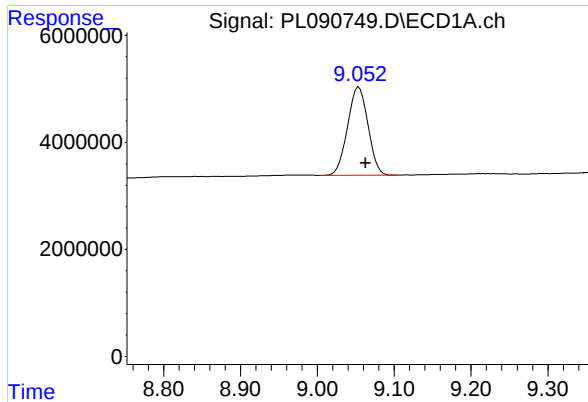
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 9049834
Conc: 6.39 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.008 min
Response: 7766864
Conc: 5.22 ng/ml



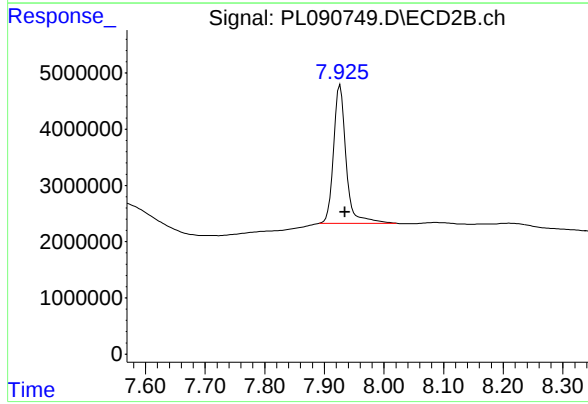
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.010 min
Response: 30406071
Conc: 22.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.008 min
Response: 36106555
Conc: 24.76 ng/ml