

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 15:53
 Operator : AR\AJ
 Sample : Q1168-01
 Misc : PEST LOD 1PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:53:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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	2.775	48196766	54907301	17.899	16.821
2) SA Decachlor...	9.057	7.911	40427067	63542747	19.325	18.134
Target Compounds						
2) A alpha-BHC	3.995	3.277	3917725	3784696	1.022	0.774
3) MA gamma-BHC...	4.327	3.607	3549086	3594780	0.964	0.758
4) MA Heptachlor	4.915	3.946	3816450	3880342	1.164	0.834 #
5) MB Aldrin	5.256	4.224	3269930	3718608	0.999m	0.815
6) B beta-BHC	4.527	3.907	1974054	1764823	1.228	0.884 #
7) B delta-BHC	4.770	4.135	3731932	3907247	1.065m	0.822
8) B Heptachlo...	5.683	4.727	3433860	3796649	1.155	0.908
9) A Endosulfan I	6.070	5.097	2991971	3543900	1.132	0.914
10) B gamma-Chl...	5.938	4.976	3218964	3863366	1.155m	0.912m
11) B alpha-Chl...	6.019	5.040	3208033	3762998	1.150	0.899m
12) B 4,4'-DDE	6.192	5.230	2934829	3935517	1.205	0.982
13) MA Dieldrin	6.344	5.361	3204509	3785161	1.154	0.881
14) MA Endrin	6.574	5.636	2230443	2968999	0.951	0.804m
15) B Endosulfa...	6.793	5.932	2560403	3373727	1.063m	0.911
16) A 4,4'-DDD	6.709	5.785	2443591	3327830	1.286m	1.054
17) MA 4,4'-DDT	7.024	6.034	1997779	2363329	1.013	0.726 #
18) B Endrin al...	6.924	6.111	2413868	2828853	1.242m	0.929 #
19) B Endosulfa...	7.159	6.334	2835176	3280183	1.252	0.920 #
20) A Methoxychlor	7.499	6.609	1213234	2225405	1.163m	1.245m
21) B Endrin ke...	7.644	6.840	2971928	3941105	1.178	0.939
22) Mirex	8.118	7.019	2493838	3465925	1.198	1.025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 15:53
Operator : AR\AJ
Sample : Q1168-01
Misc : PEST LOD 1PPB
ALS Vial : 14 Sample Multiplier: 1

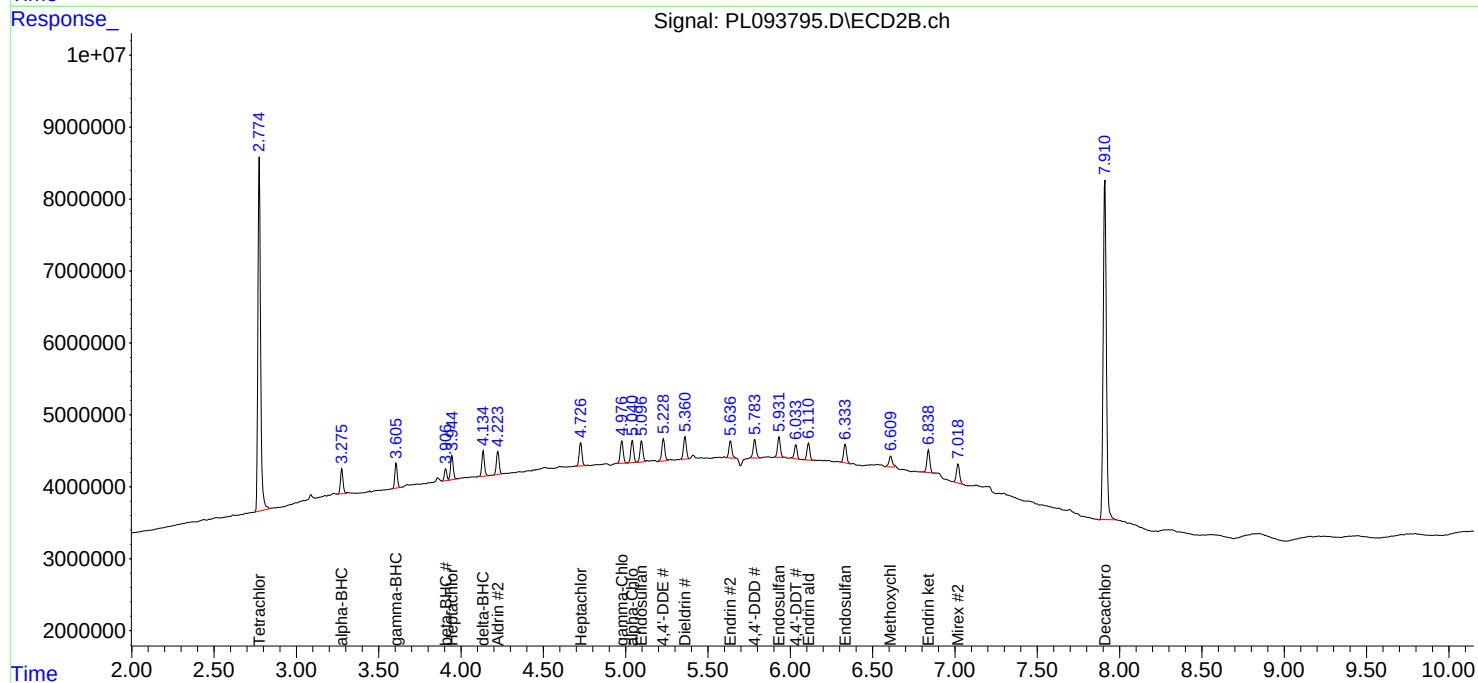
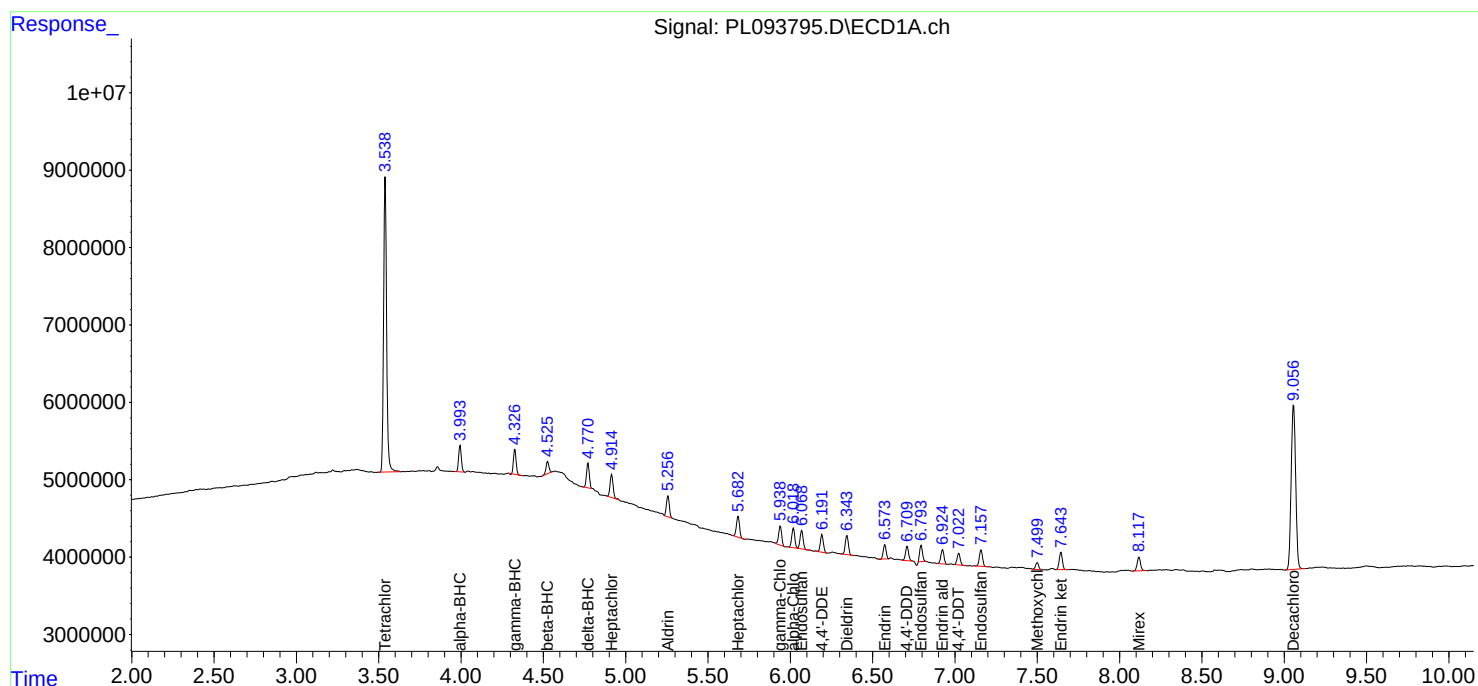
Instrument :
ECD_L
ClientSampleId :
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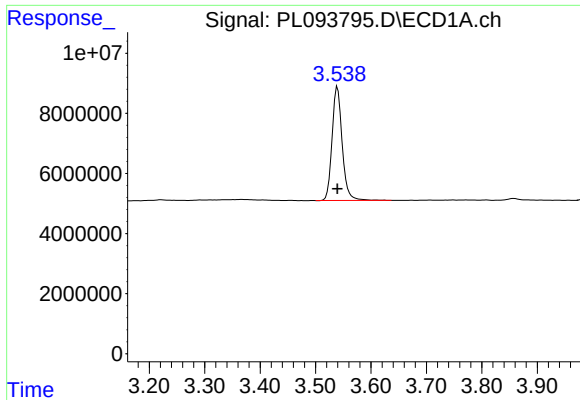
Manual Integrations
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Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:53:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





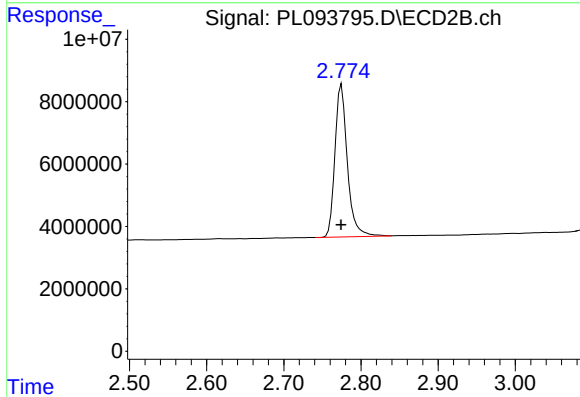
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 48196766
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
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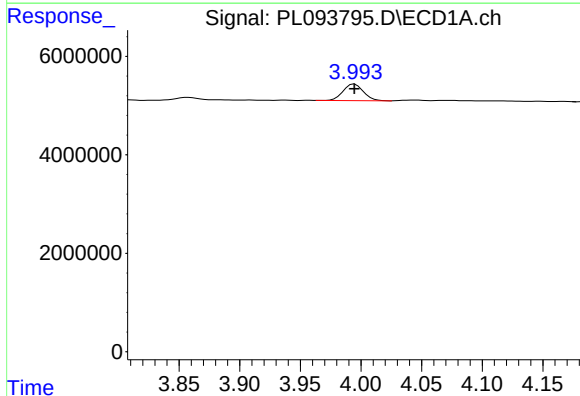
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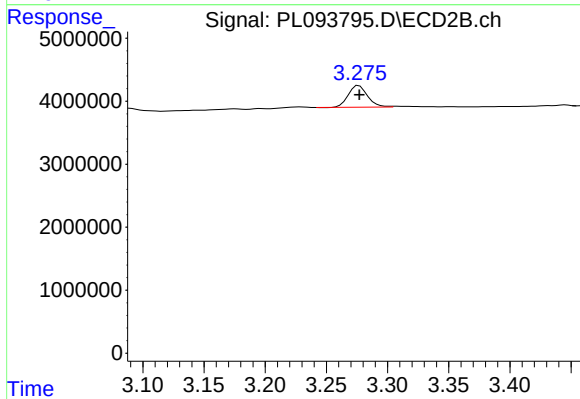
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 54907301
Conc: 16.82 ng/ml



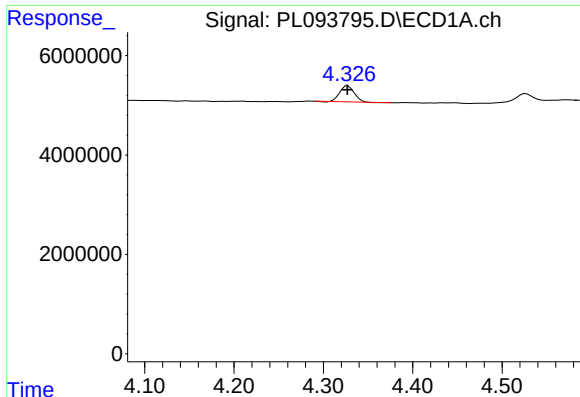
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 3917725
Conc: 1.02 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 3784696
Conc: 0.77 ng/ml



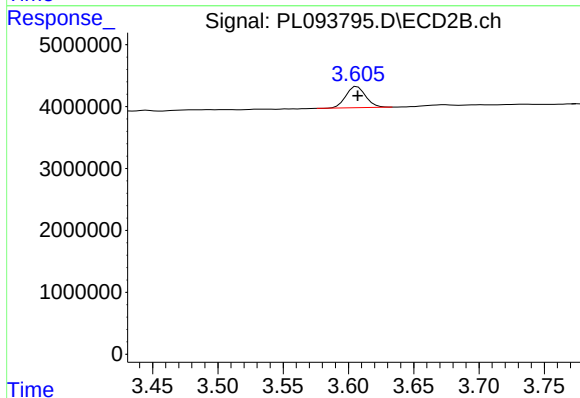
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 3549086
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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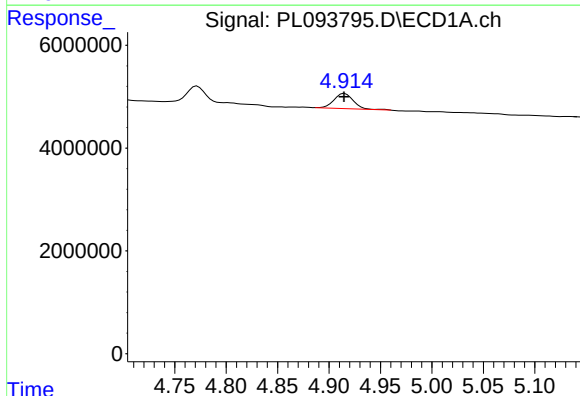
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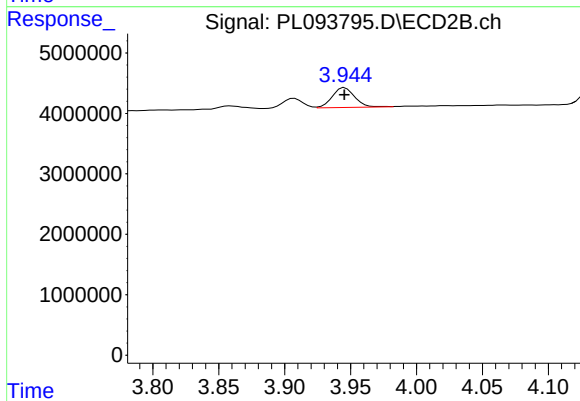
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 3594780
Conc: 0.76 ng/ml



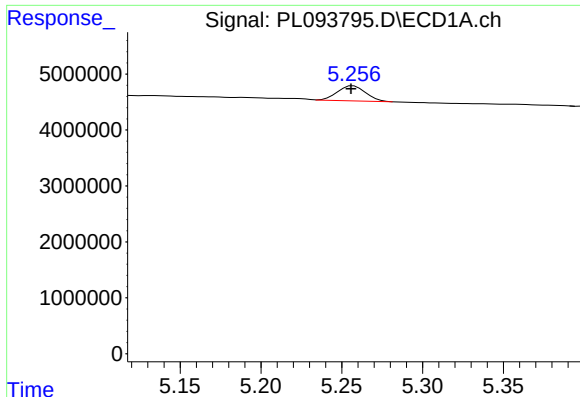
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 3816450
Conc: 1.16 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 3880342
Conc: 0.83 ng/ml



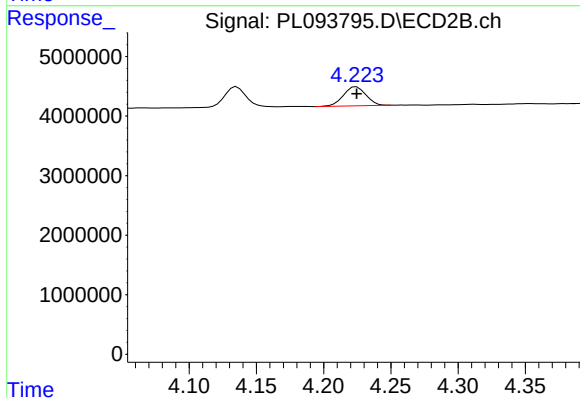
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 3269930
Conc: 1.00 ng/ml

Instrument :
ECD_L
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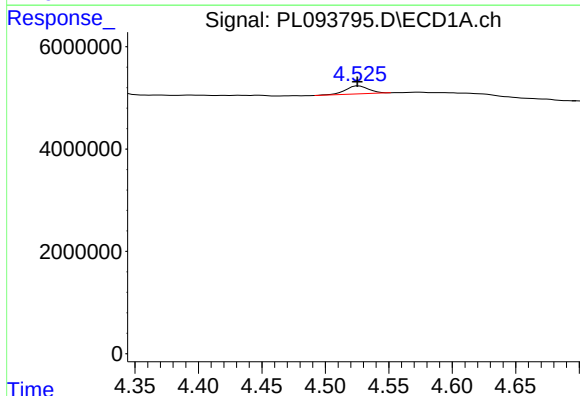
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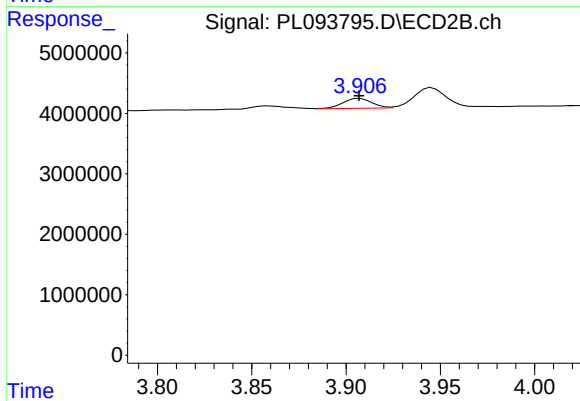
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 3718608
Conc: 0.82 ng/ml



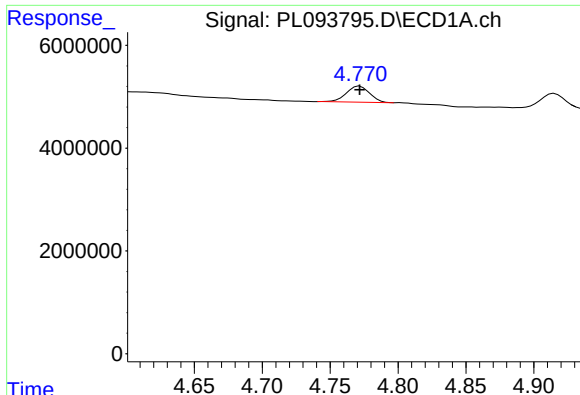
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 1974054
Conc: 1.23 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 1764823
Conc: 0.88 ng/ml



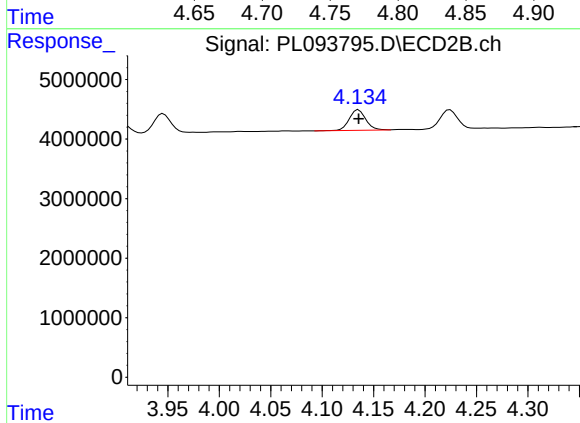
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 3731932
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

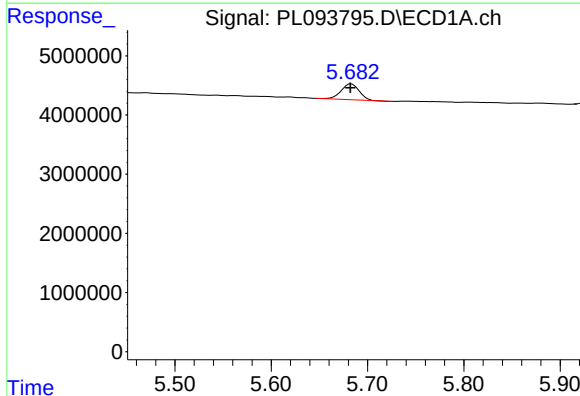
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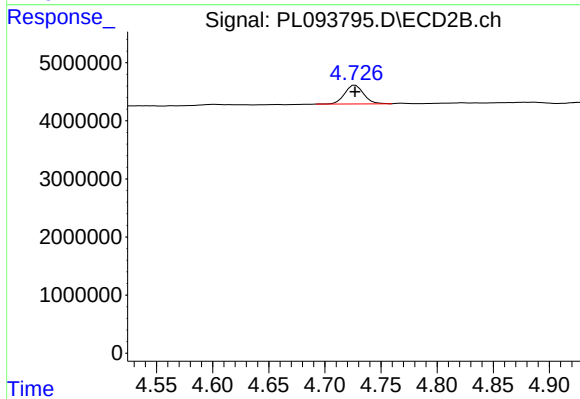
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 3907247
Conc: 0.82 ng/ml



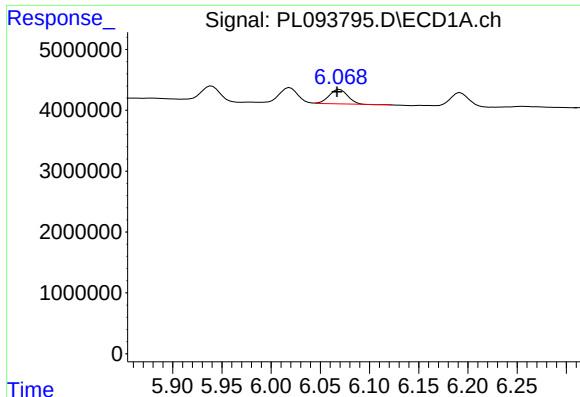
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 3433860
Conc: 1.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 3796649
Conc: 0.91 ng/ml



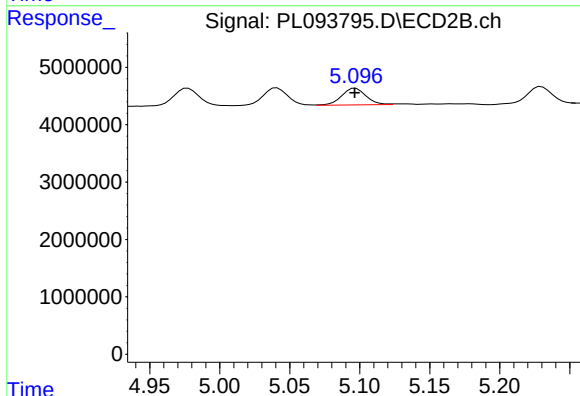
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 2991971
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

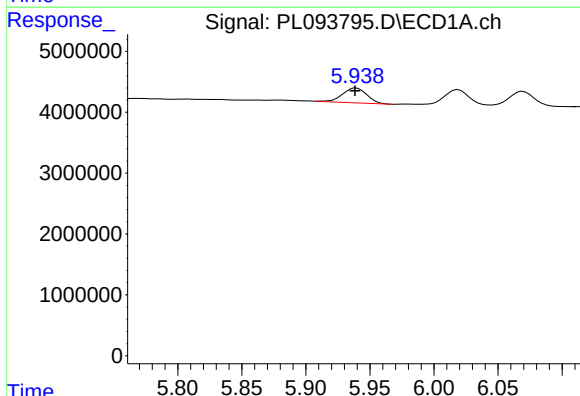
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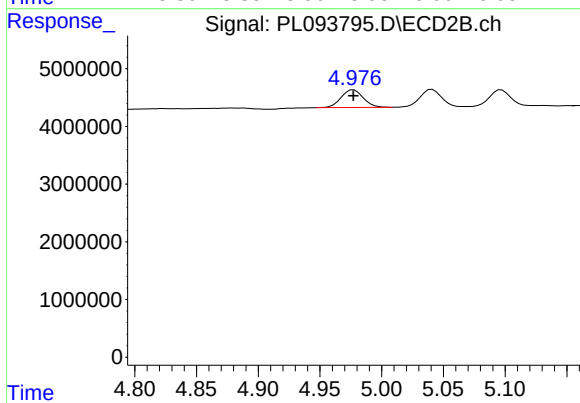
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 3543900
Conc: 0.91 ng/ml



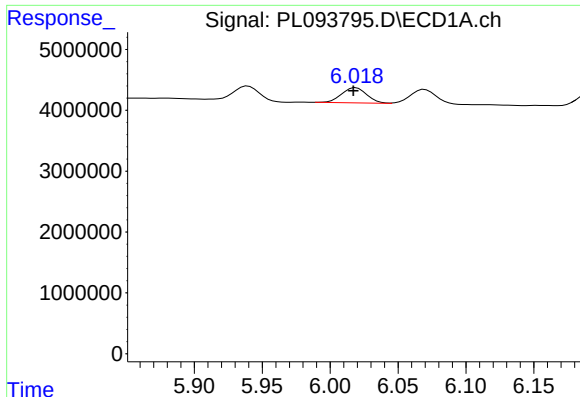
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 3218964
Conc: 1.15 ng/ml m



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 3863366
Conc: 0.91 ng/ml m



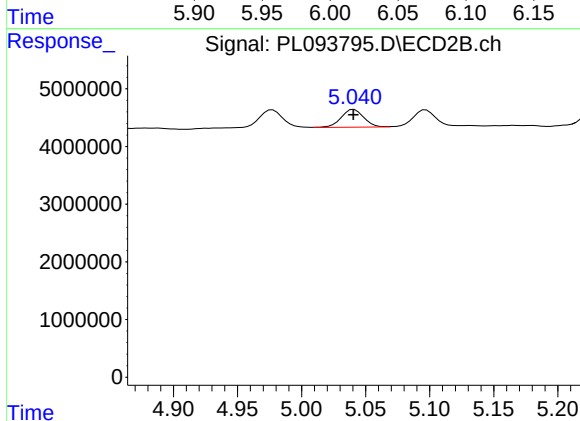
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 3208033
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

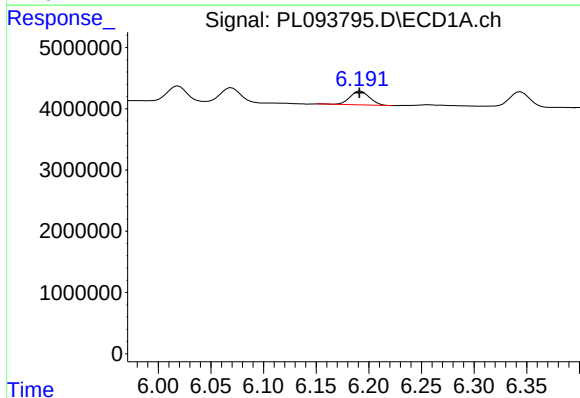
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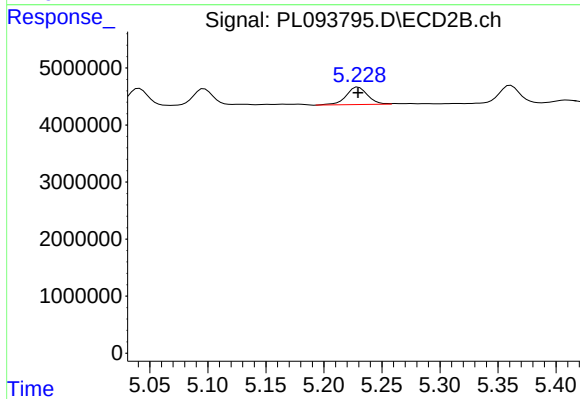
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 3762998
Conc: 0.90 ng/ml m



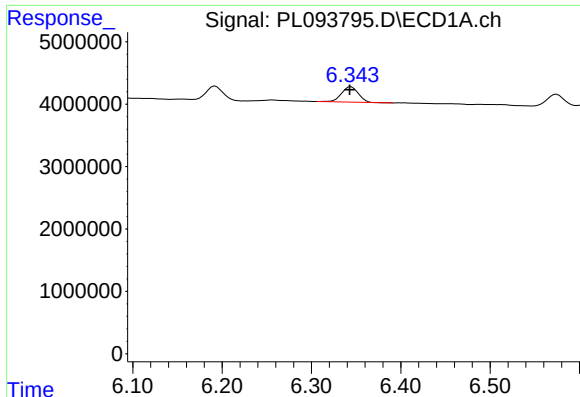
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 2934829
Conc: 1.21 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 3935517
Conc: 0.98 ng/ml



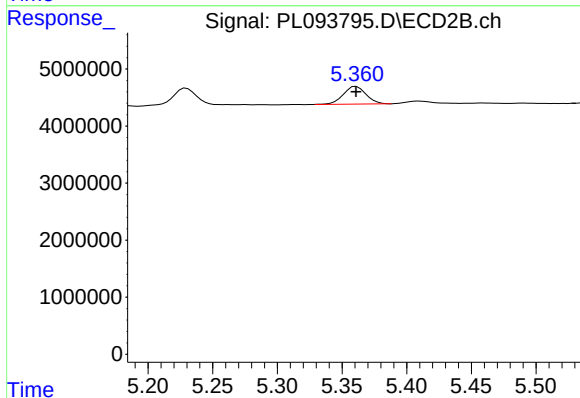
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 3204509
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

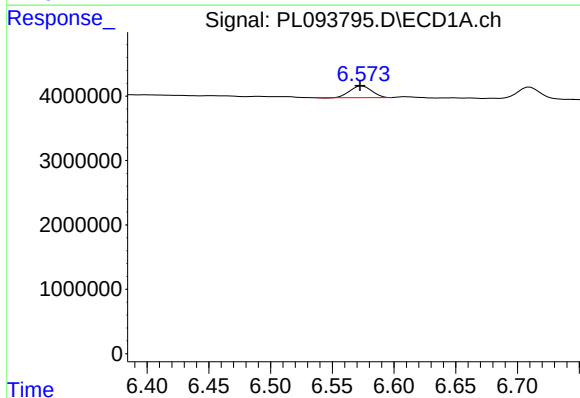
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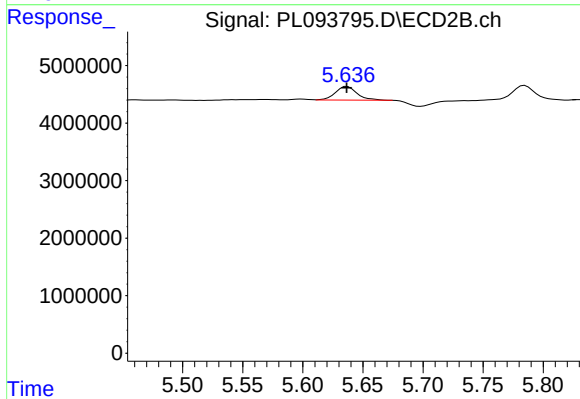
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 3785161
Conc: 0.88 ng/ml



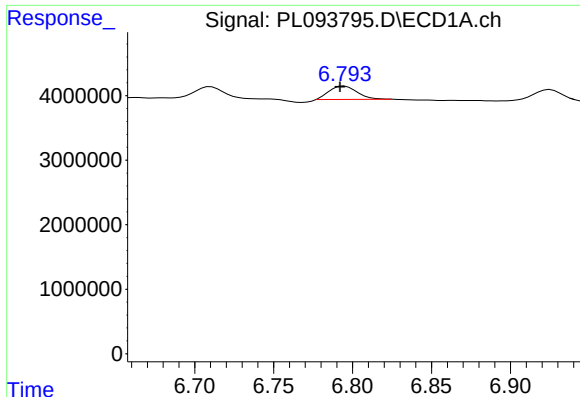
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 2230443
Conc: 0.95 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 2968999
Conc: 0.80 ng/ml m



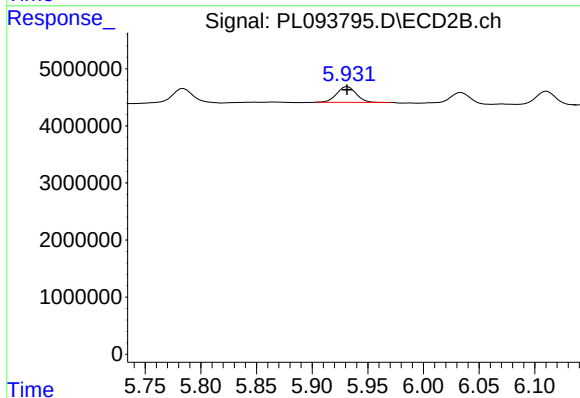
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 2560403
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
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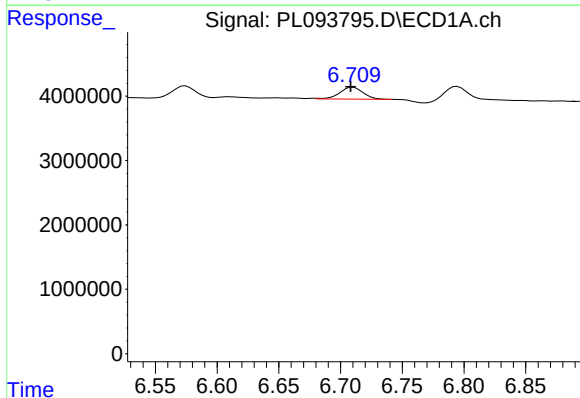
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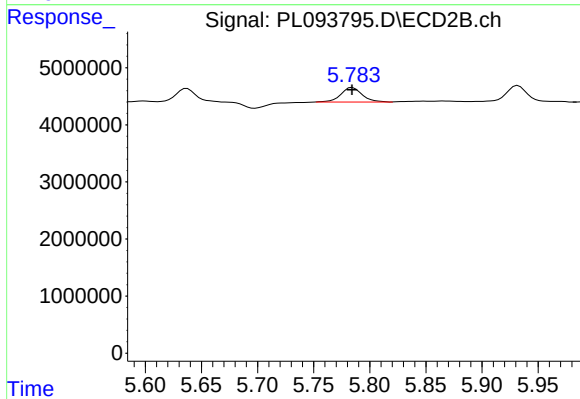
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 3373727
Conc: 0.91 ng/ml



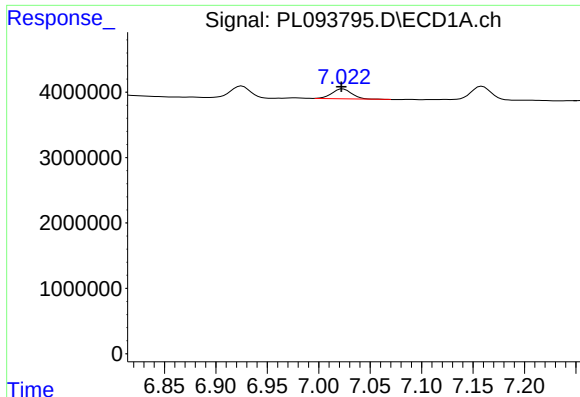
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2443591
Conc: 1.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 3327830
Conc: 1.05 ng/ml



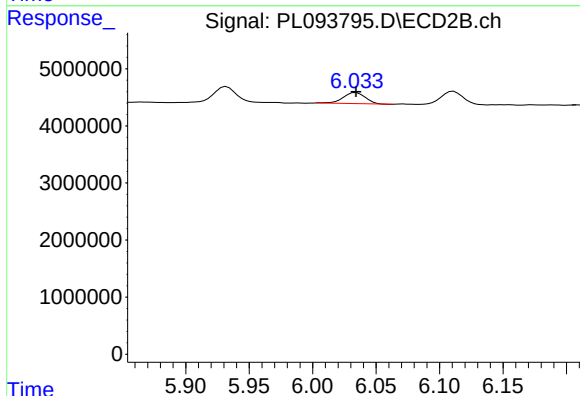
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 1997779
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

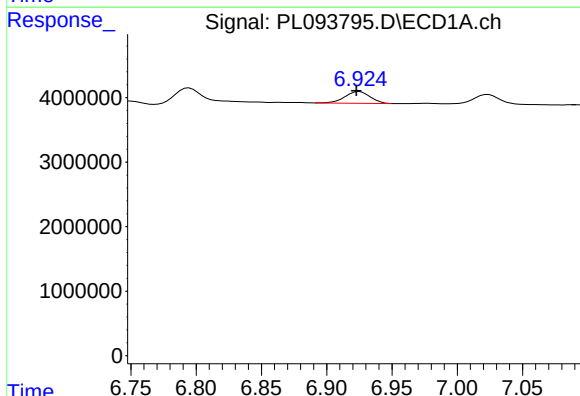
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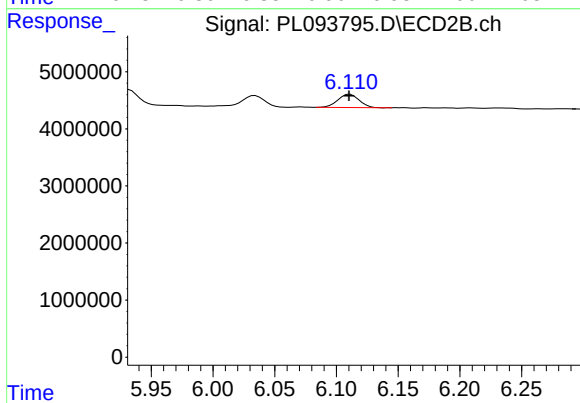
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 2363329
Conc: 0.73 ng/ml



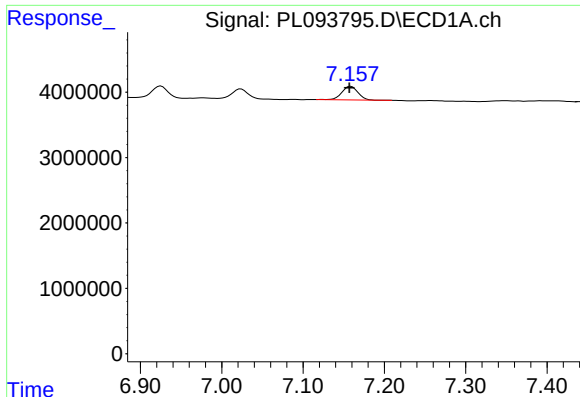
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 2413868
Conc: 1.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 2828853
Conc: 0.93 ng/ml



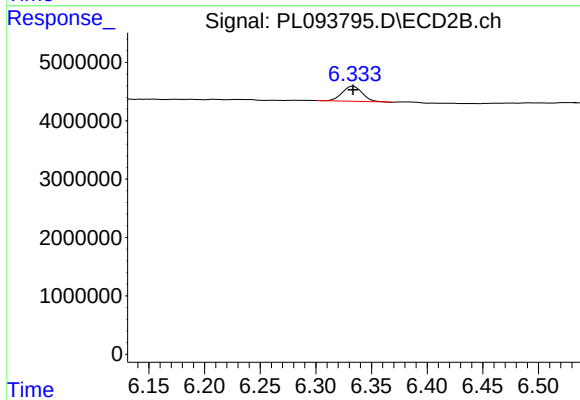
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 2835176
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

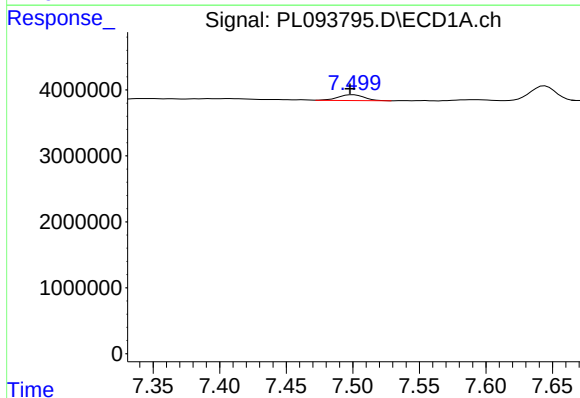
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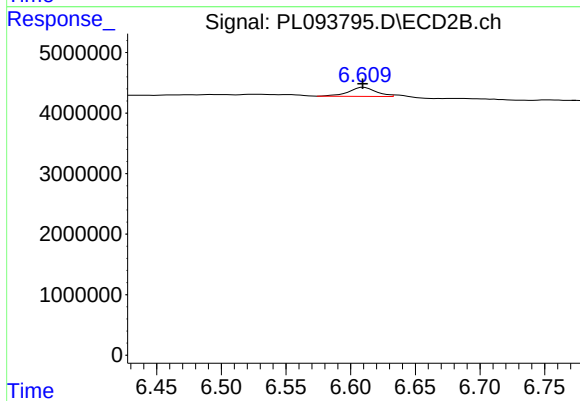
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 3280183
Conc: 0.92 ng/ml



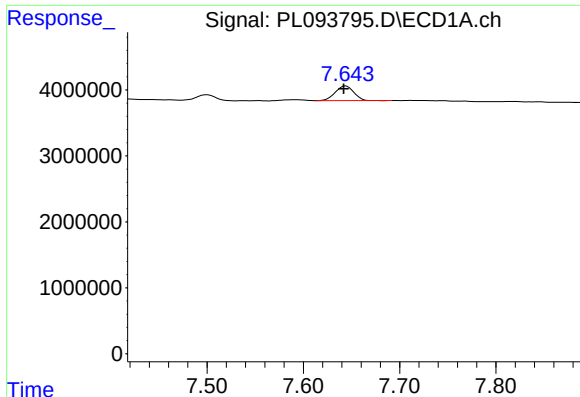
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 1213234
Conc: 1.16 ng/ml m



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 2225405
Conc: 1.24 ng/ml m



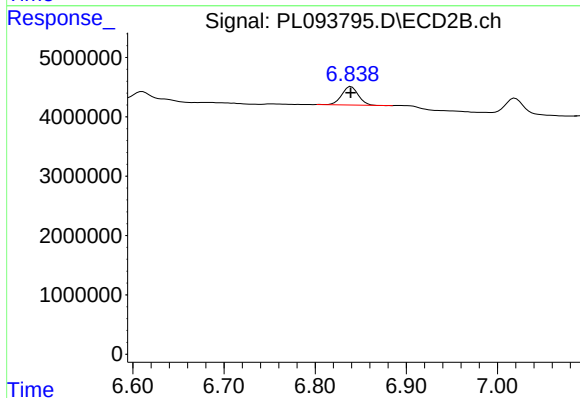
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.003 min
Response: 2971928
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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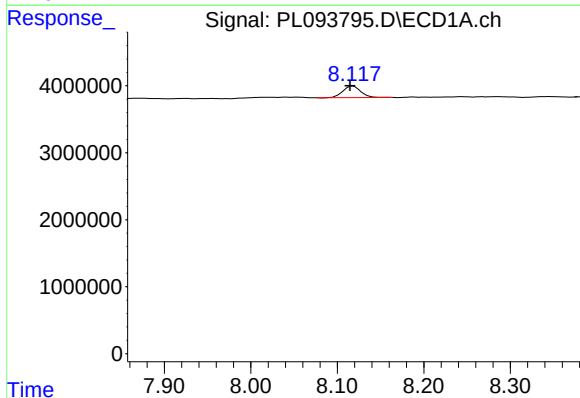
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/27/2025
Supervised By :Ankita Jodhani 01/27/2025



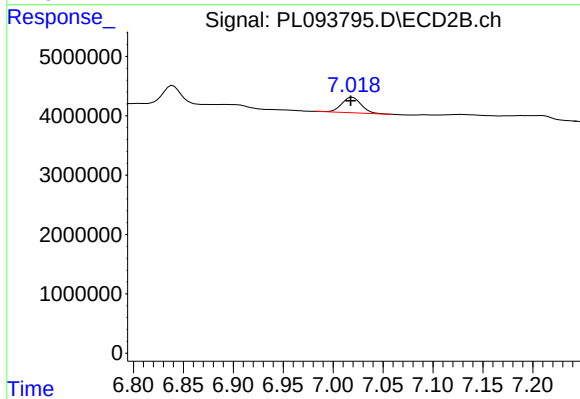
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 3941105
Conc: 0.94 ng/ml



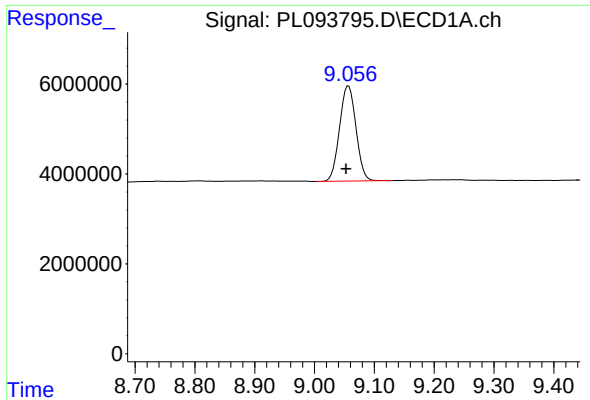
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 2493838
Conc: 1.20 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 3465925
Conc: 1.02 ng/ml



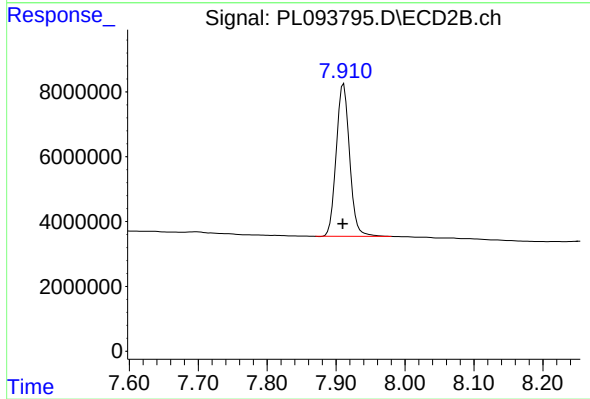
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 40427067
Conc: 19.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 63542747
Conc: 18.13 ng/ml