

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 19:12
 Operator : AR\AJ
 Sample : Q1739-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-LIQUID-20250404MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:25:33 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...	3.533	2.767	34768099	48958685	12.283m	13.717m
28) SA Decachlor...	9.047	7.899	34559263	52039313	16.399m	12.883
Target Compounds						
2) A alpha-BHC	3.990	3.270	124.0E6	190.3E6	29.872	35.292
3) MA gamma-BHC...	4.323	3.599	113.9E6	159.1E6	28.547	30.965
4) MA Heptachlor	4.911	3.935	106.8E6	144.4E6	27.524	27.409m
5) MB Aldrin	5.250	4.215	88681356	138.4E6	24.018m	28.391
6) B beta-BHC	4.521	3.898	49756043	69621157	26.965m	31.343m
7) B delta-BHC	4.767	4.127	165.0E6	133.5E6	42.381	26.681 #
8) B Heptachlo...	5.677	4.718	95976173	129.9E6	28.691m	28.365
9) A Endosulfan I	6.064	5.087	78486962	150.0E6	25.564	34.174 #
10) B gamma-Chl...	5.935	4.968	93639414	149.5E6	27.791	30.969
11) B alpha-Chl...	6.013	5.031	83530901	131.1E6	25.337	27.471
12) B 4,4'-DDE	6.187	5.220	89307641	128.3E6	30.355	27.600
13) MA Dieldrin	6.339	5.350	83761915	171.2E6	26.191	35.289m#
14) MA Endrin	6.569	5.627	90415762	119.9E6	32.617	27.469
15) B Endosulfa...	6.789	5.920	75795525	120.4E6	27.920	27.810m
16) A 4,4'-DDD	6.706	5.775	71410249	98205183	32.968	27.310
17) MA 4,4'-DDT	7.018	6.023	72441272	123.1E6	30.456m	30.518m
18) B Endrin al...	6.919	6.100	53564851	86109391	25.374	25.587m
19) B Endosulfa...	7.154	6.323	70446115	128.2E6	28.966	31.484
20) A Methoxychlor	7.496	6.598	40704355	67064220	34.003	31.618m
21) B Endrin ke...	7.639	6.829	93851380	139.0E6	35.506	29.122
22) Mirex	8.110	7.008	71468532	107.1E6	34.588m	28.220

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 19:12
Operator : AR\AJ
Sample : Q1739-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

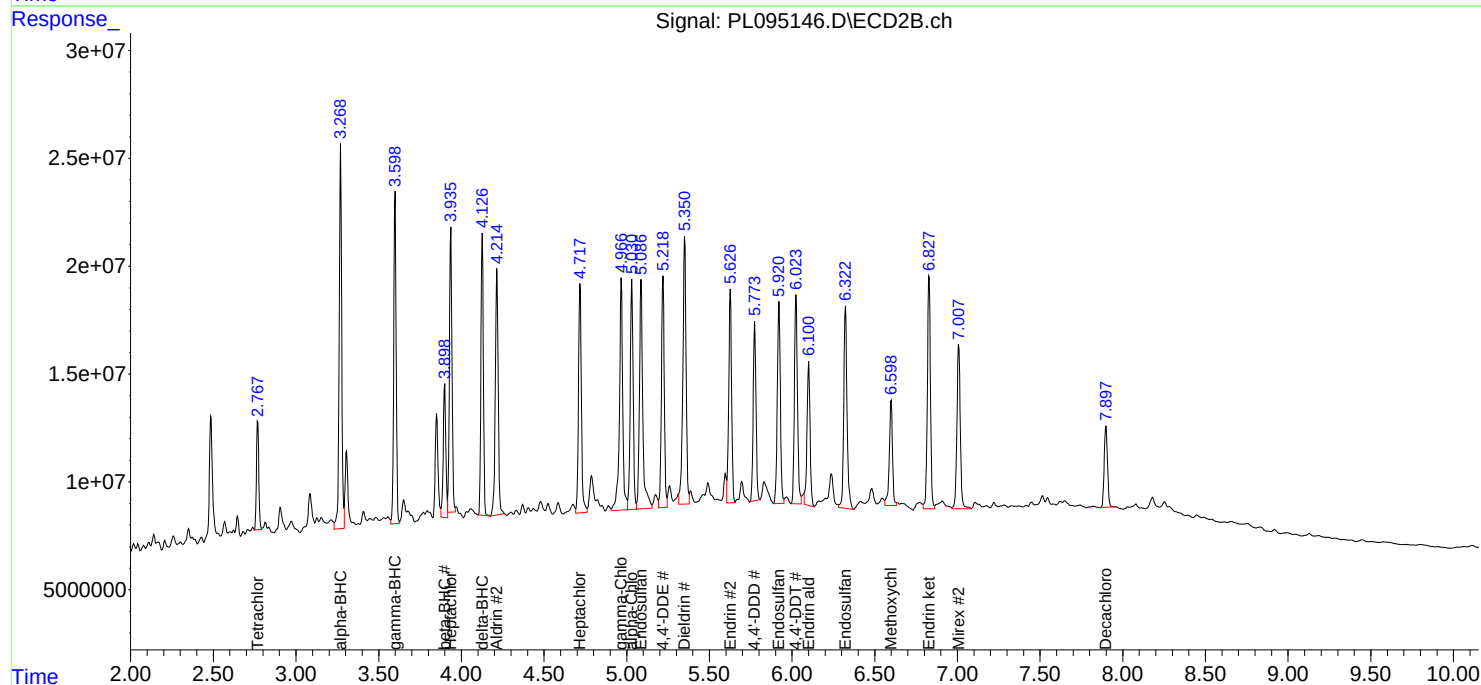
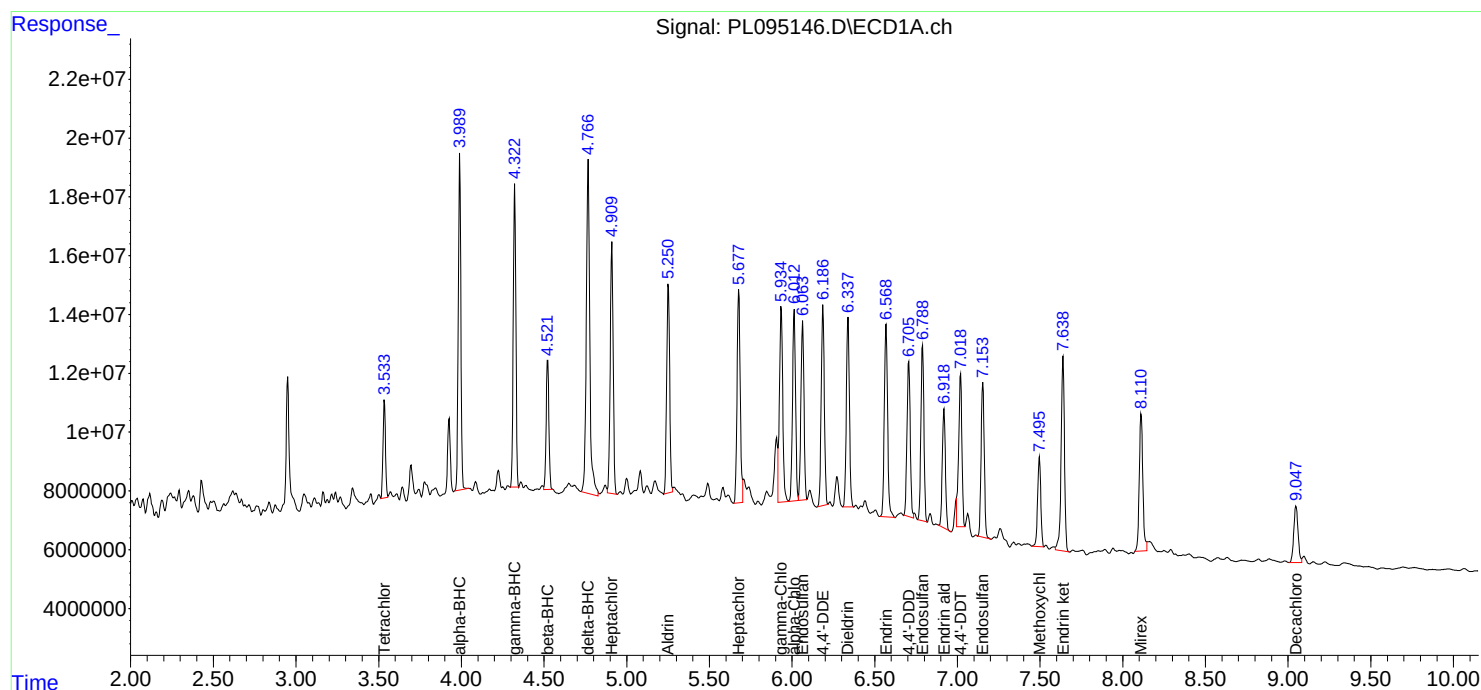
Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

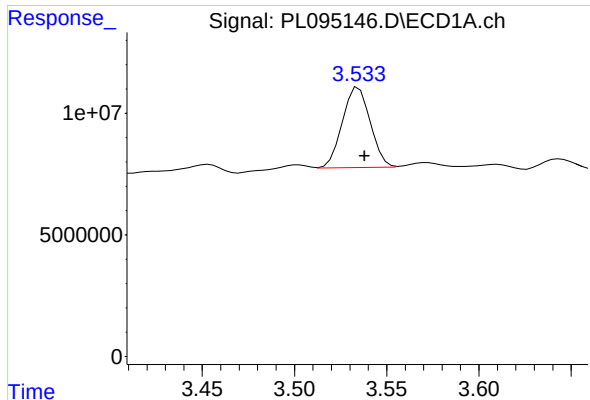
Manual Integrations
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Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:25:33 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





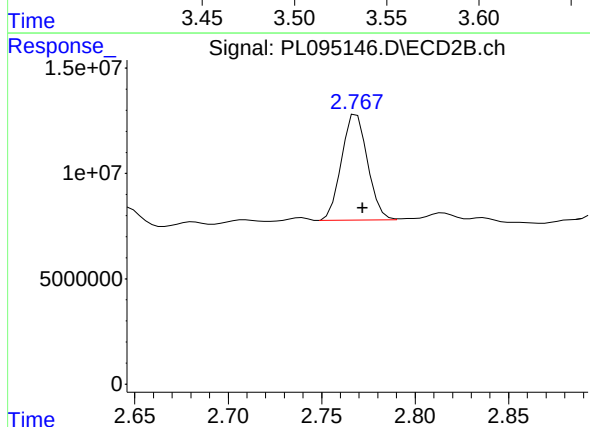
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 34768099
Conc: 12.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

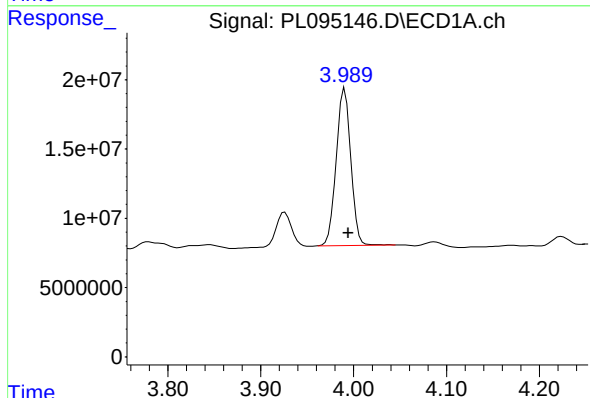
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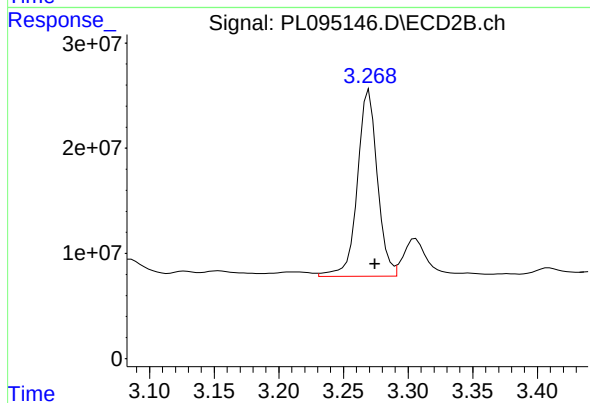
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 48958685
Conc: 13.72 ng/ml



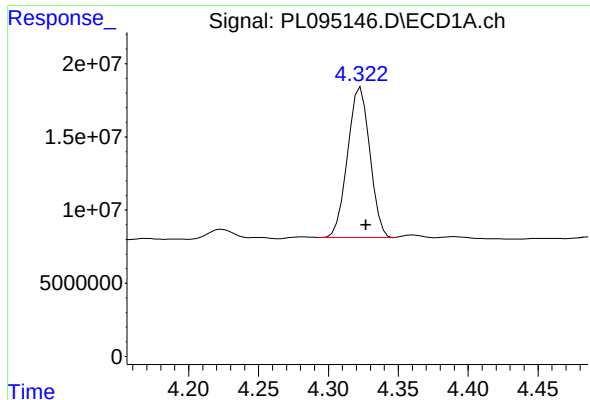
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 124039212
Conc: 29.87 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 190274936
Conc: 35.29 ng/ml



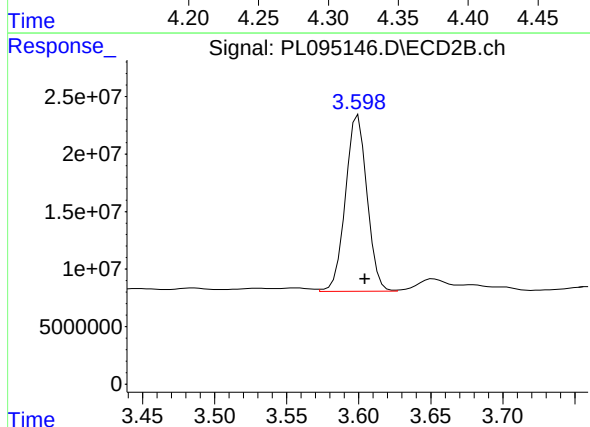
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 113911685
Conc: 28.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

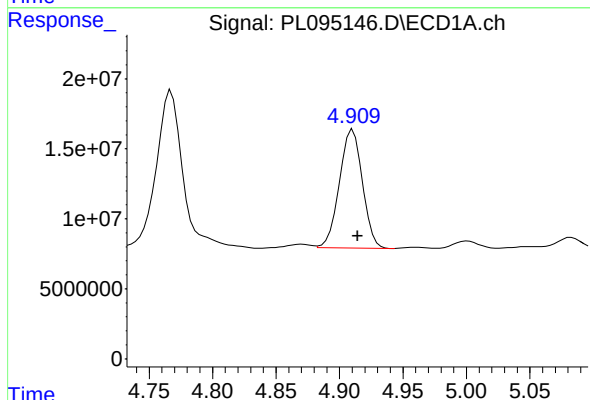
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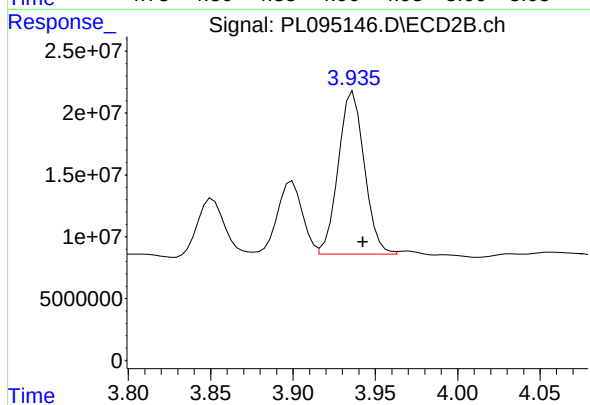
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 159143276
Conc: 30.97 ng/ml



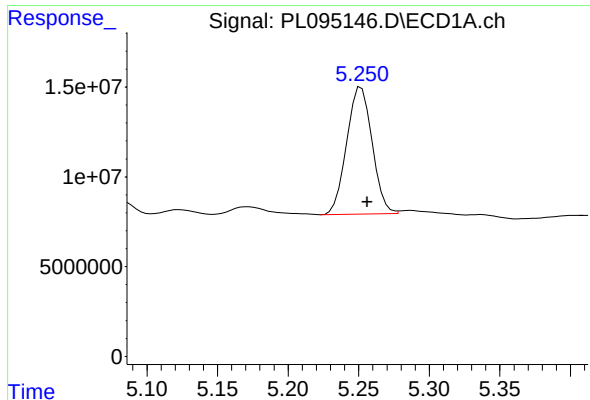
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 106839265
Conc: 27.52 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 144406965
Conc: 27.41 ng/ml m



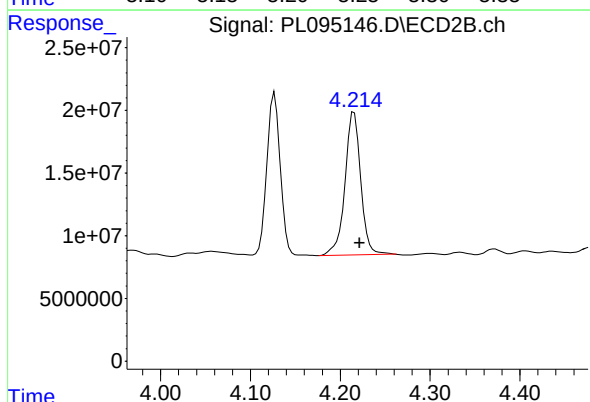
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.006 min
Response: 88681356
Conc: 24.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

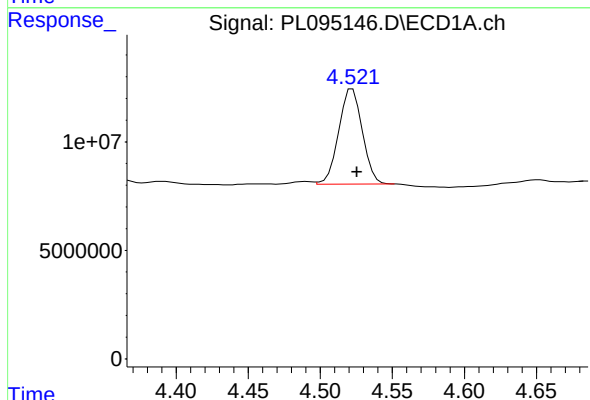
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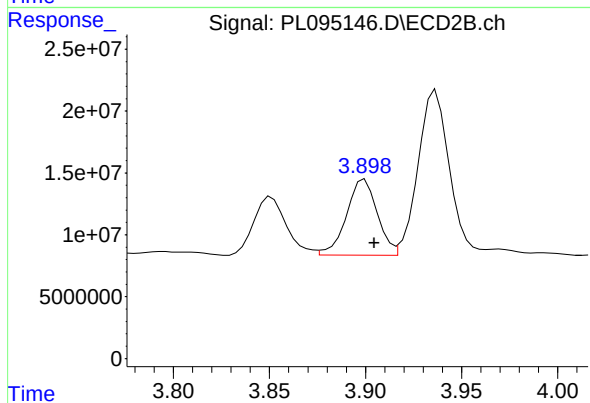
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.006 min
Response: 138444233
Conc: 28.39 ng/ml



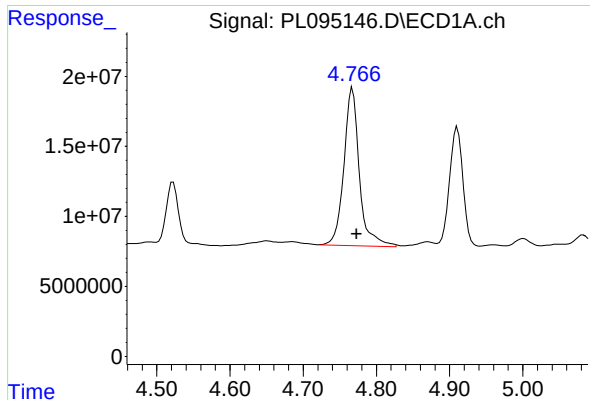
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.005 min
Response: 49756043
Conc: 26.96 ng/ml m



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: -0.007 min
Response: 69621157
Conc: 31.34 ng/ml m



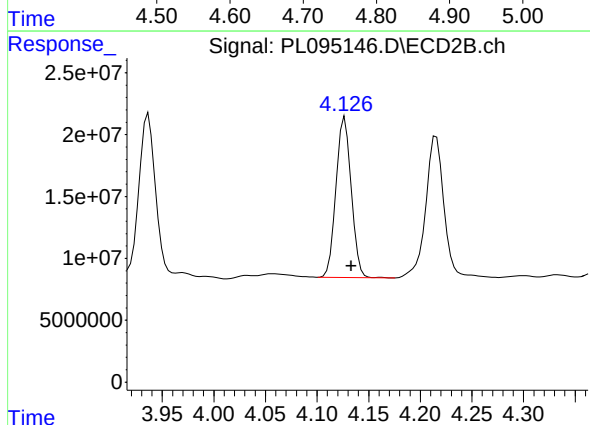
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 165045582
Conc: 42.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

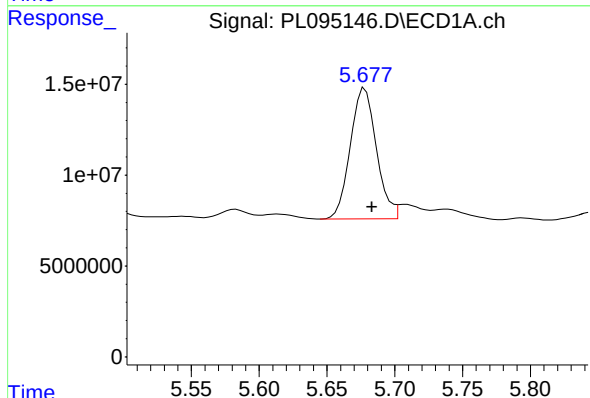
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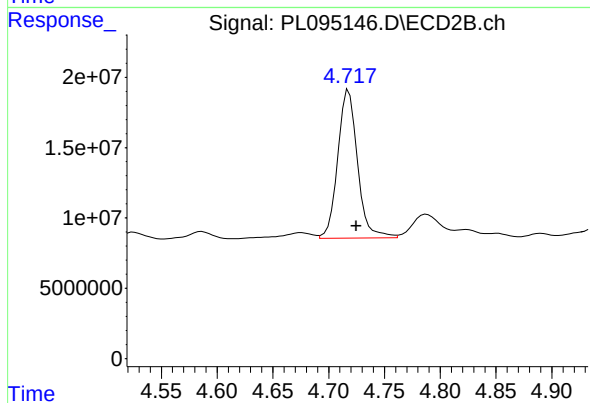
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 133459555
Conc: 26.68 ng/ml



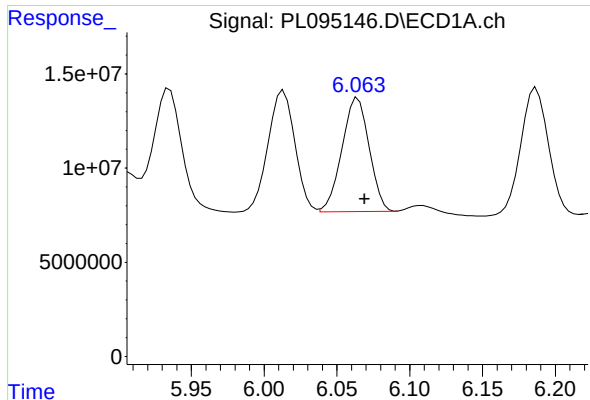
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.007 min
Response: 95976173
Conc: 28.69 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.006 min
Response: 129871420
Conc: 28.36 ng/ml



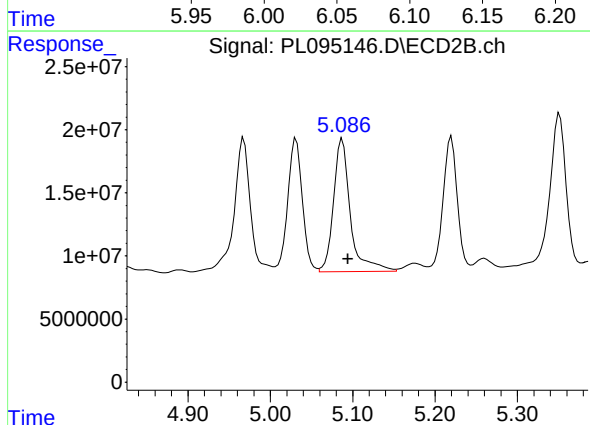
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 78486962
Conc: 25.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

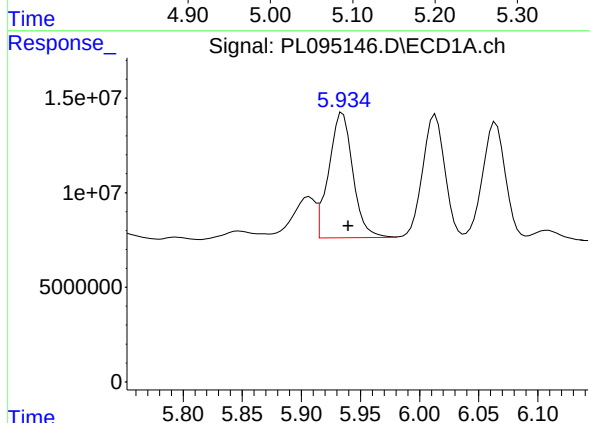
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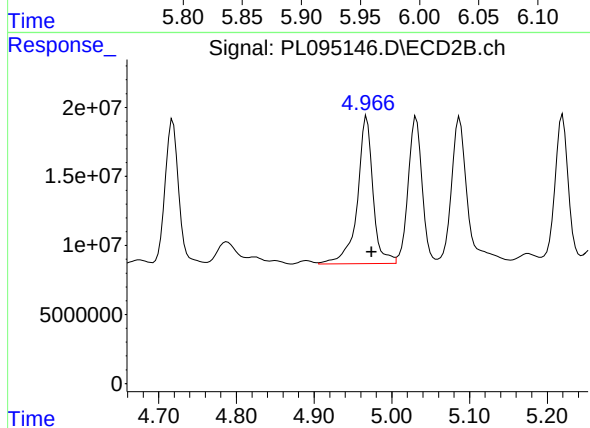
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 149980242
Conc: 34.17 ng/ml



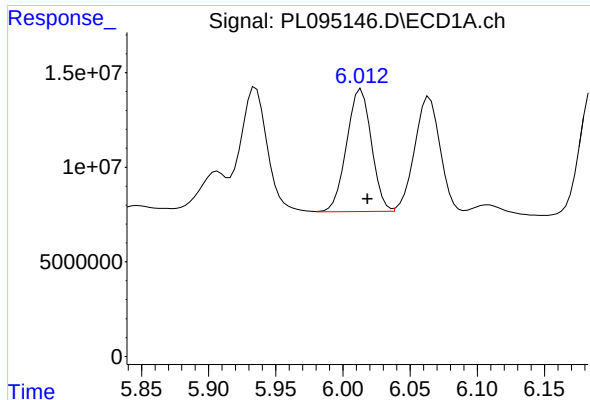
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 93639414
Conc: 27.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 149532095
Conc: 30.97 ng/ml



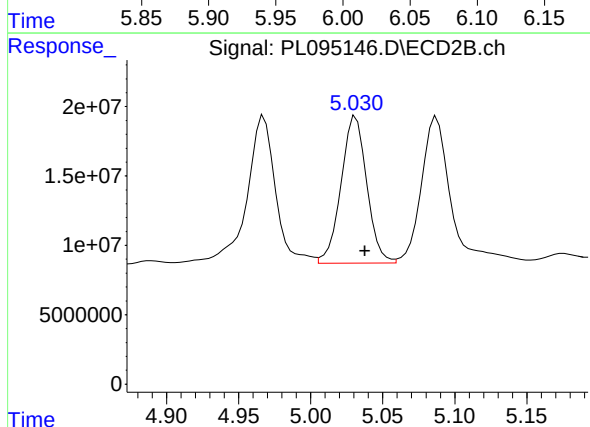
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 83530901
Conc: 25.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

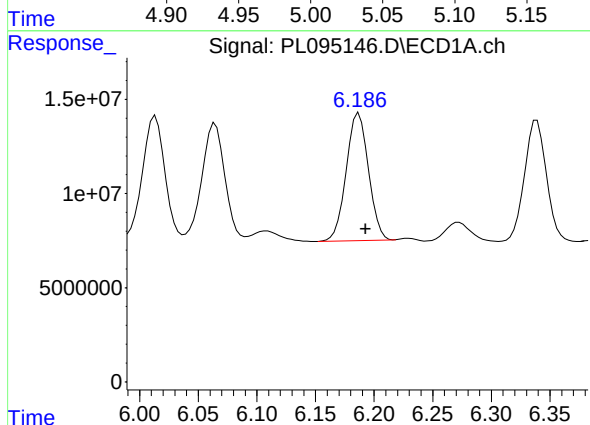
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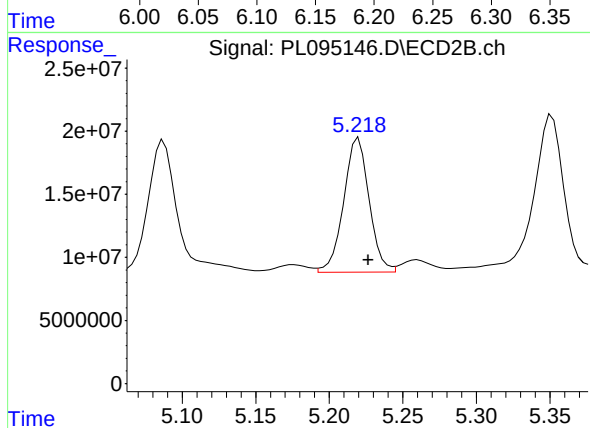
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 131113610
Conc: 27.47 ng/ml



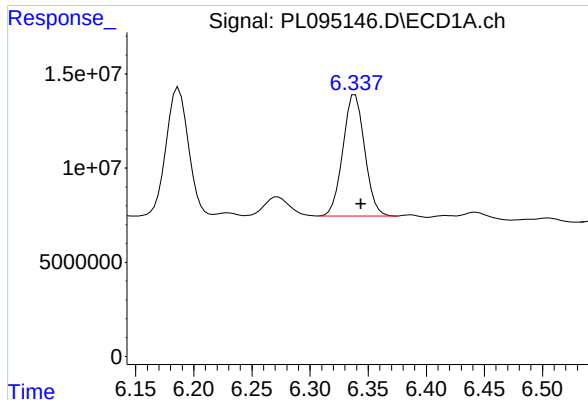
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 89307641
Conc: 30.36 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 128299710
Conc: 27.60 ng/ml



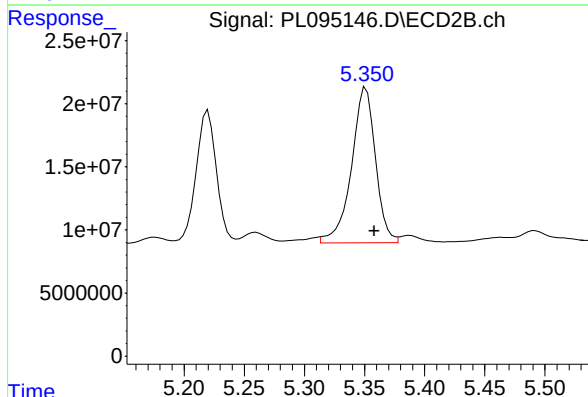
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 83761915
Conc: 26.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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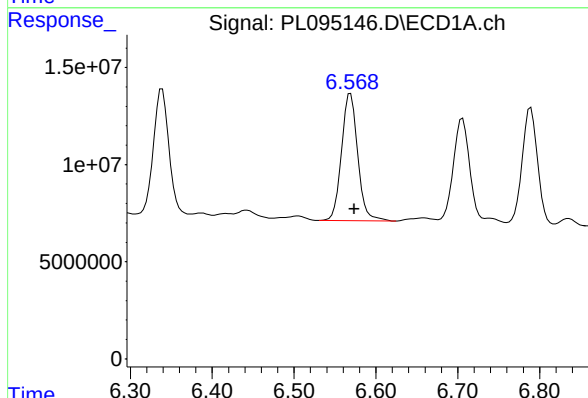
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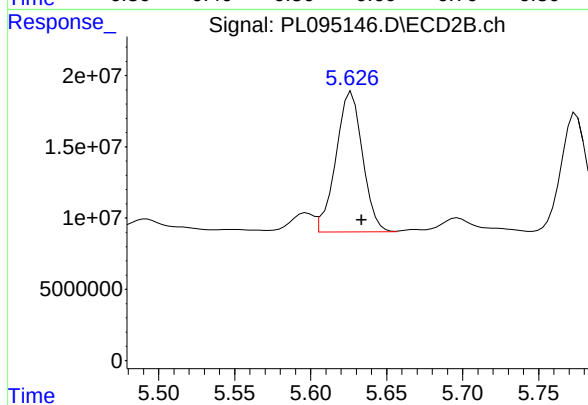
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 171217007
Conc: 35.29 ng/ml



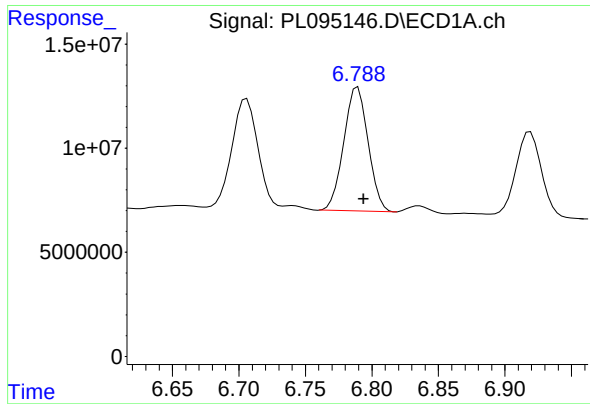
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 90415762
Conc: 32.62 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 119865462
Conc: 27.47 ng/ml



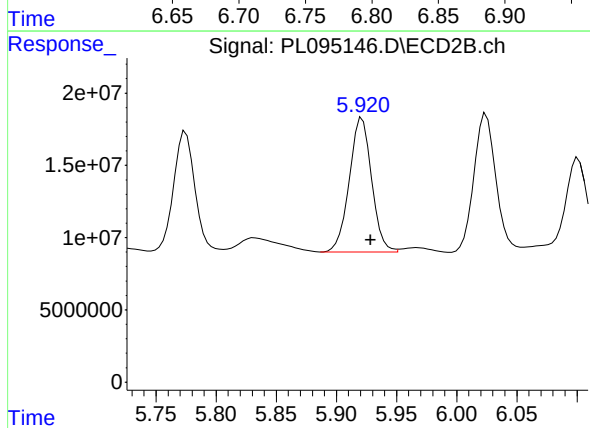
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 75795525
Conc: 27.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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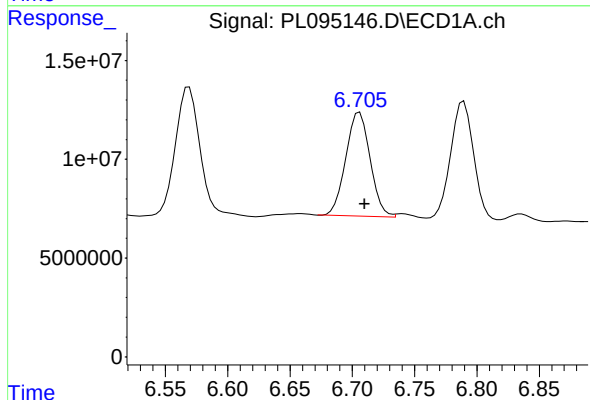
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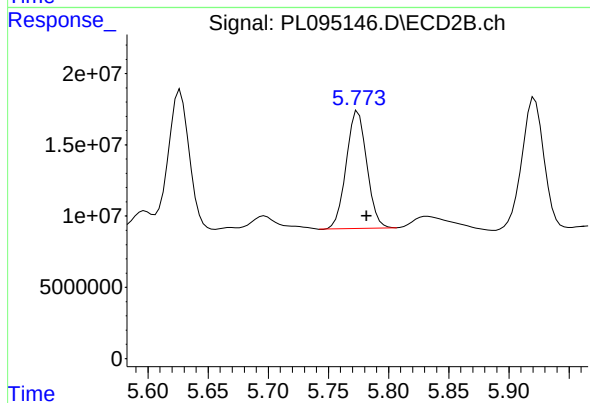
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.009 min
Response: 120369627
Conc: 27.81 ng/ml



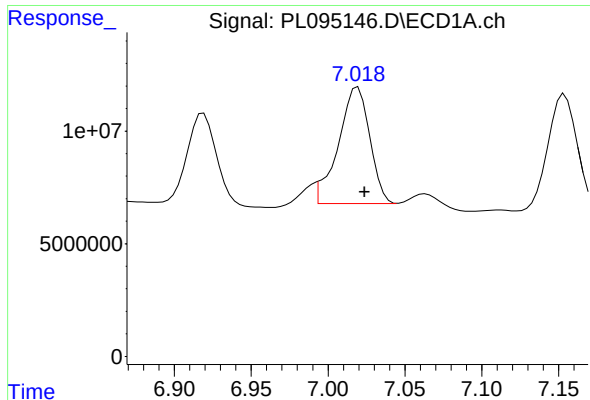
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 71410249
Conc: 32.97 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 98205183
Conc: 27.31 ng/ml



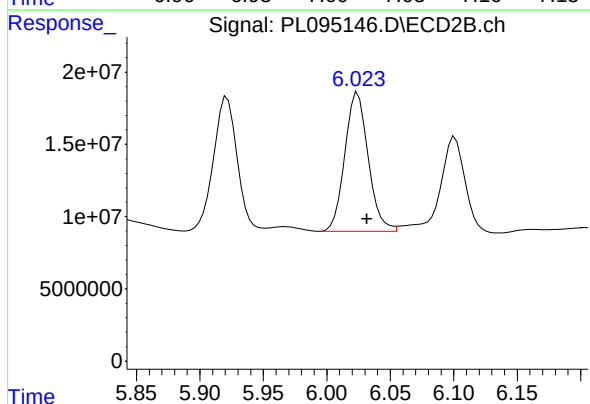
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 72441272
Conc: 30.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

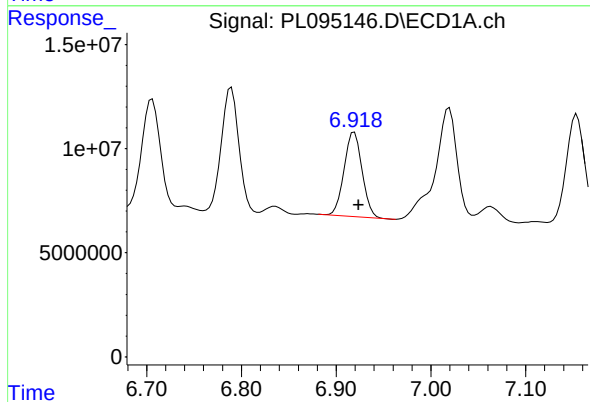
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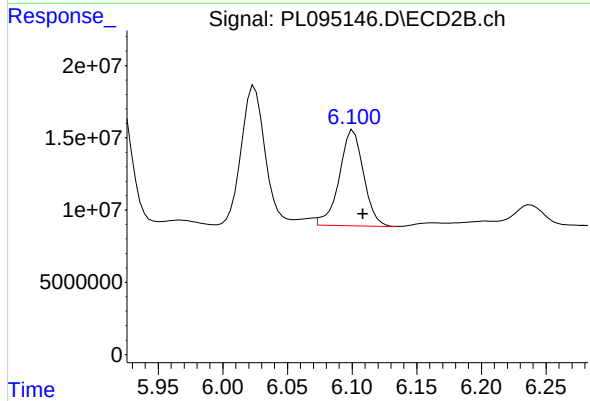
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 123053767
Conc: 30.52 ng/ml m



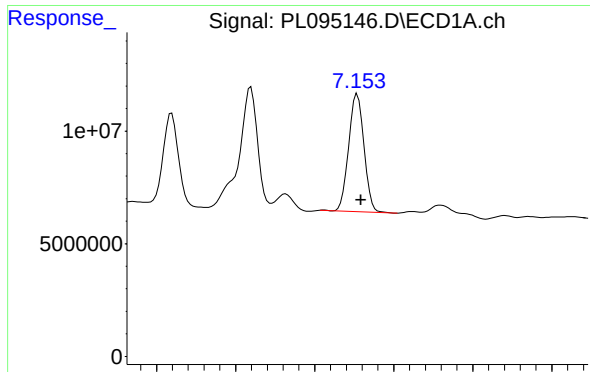
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 53564851
Conc: 25.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.009 min
Response: 86109391
Conc: 25.59 ng/ml m



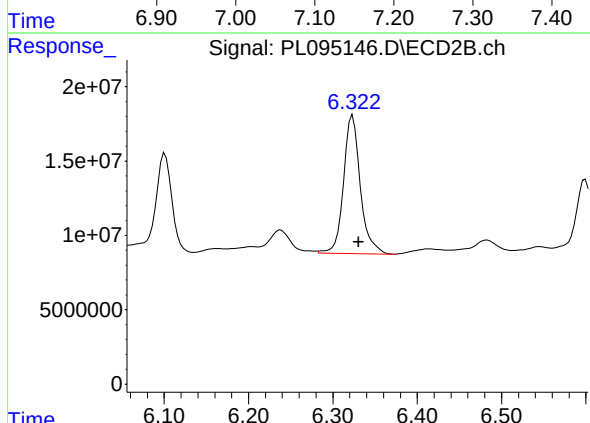
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 70446115
Conc: 28.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

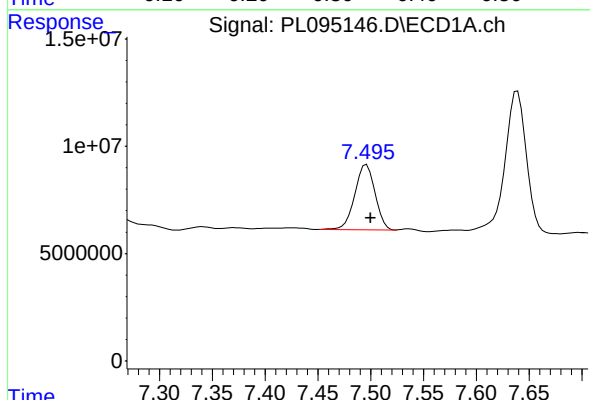
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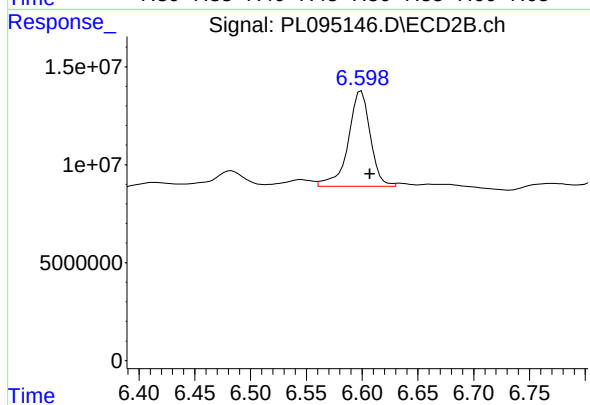
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.007 min
Response: 128247588
Conc: 31.48 ng/ml



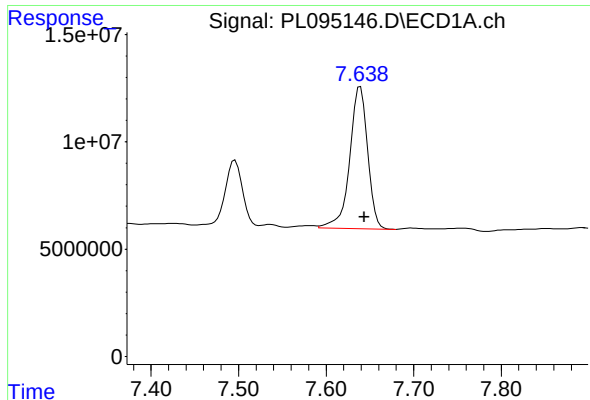
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 40704355
Conc: 34.00 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 67064220
Conc: 31.62 ng/ml m



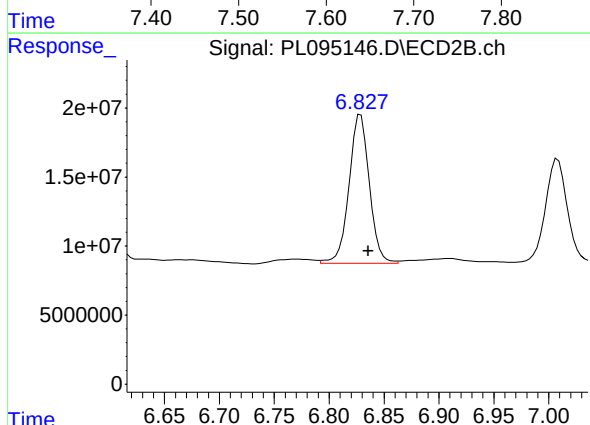
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 93851380
Conc: 35.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

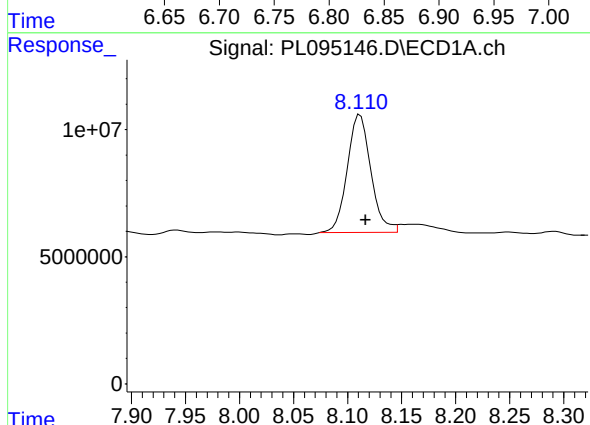
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



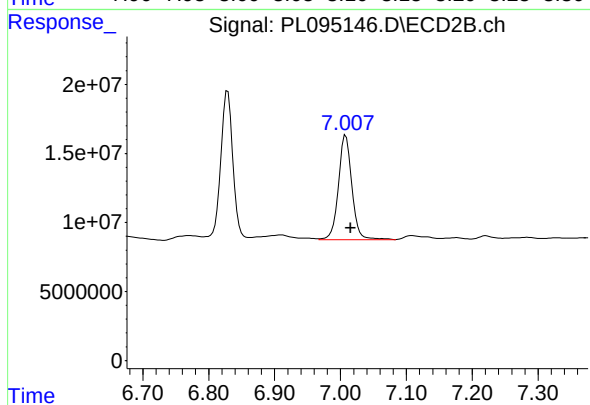
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 138987968
Conc: 29.12 ng/ml



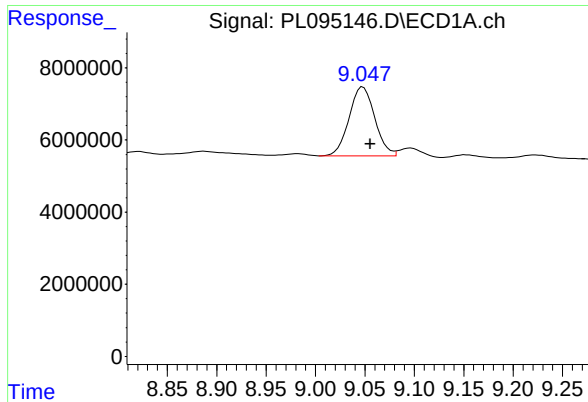
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 71468532
Conc: 34.59 ng/ml m



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 107105130
Conc: 28.22 ng/ml



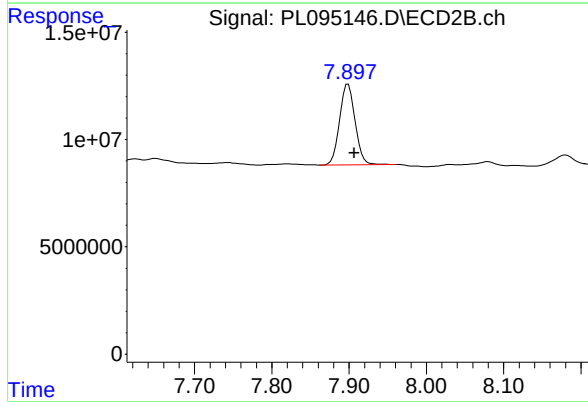
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 34559263
Conc: 16.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 52039313
Conc: 12.88 ng/ml