

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
 Data File : PL094249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2025 15:51
 Operator : AR\AJ
 Sample : Q1373-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VB27161MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 00:32:21 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...	3.537	2.772	57516889	69165530	21.360m	21.189m
28) SA Decachlor...	9.051	7.907	48673483	85200882	23.267	24.315
Target Compounds						
2) A alpha-BHC	3.994	3.275	178.4E6	244.2E6	46.541	49.954
3) MA gamma-BHC...	4.323	3.604	295.7E6	235.1E6	80.305m	49.586m#
4) MA Heptachlor	4.914	3.943	158.4E6	233.9E6	48.344	50.251
5) MB Aldrin	5.255	4.222	151.2E6	216.8E6	46.200	47.520
6) B beta-BHC	4.525	3.905	73186212	99925437	45.533	50.027
7) B delta-BHC	4.771	4.133	166.5E6	237.1E6	47.510	49.893
8) B Heptachlo...	5.680	4.724	140.4E6	202.7E6	47.199m	48.494
9) A Endosulfan I	6.067	5.094	128.5E6	200.1E6	48.613	51.625
10) B gamma-Chl...	5.937	4.975	135.6E6	223.5E6	48.632m	52.742
11) B alpha-Chl...	6.016	5.038	135.6E6	236.4E6	48.642	56.473
12) B 4,4'-DDE	6.190	5.226	125.7E6	212.6E6	51.639	53.031
13) MA Dieldrin	6.342	5.358	130.2E6	217.2E6	46.915	50.569
14) MA Endrin	6.571	5.632	117.4E6	199.9E6	50.059m	54.127m
15) B Endosulfa...	6.790	5.927	118.0E6	195.8E6	48.995m	52.871m
16) A 4,4'-DDD	6.708	5.781	99113831	171.9E6	52.150	54.451
17) MA 4,4'-DDT	7.022	6.031	115.7E6	182.9E6	58.685	56.200
18) B Endrin al...	6.922	6.108	88484777	146.6E6	45.516	48.155
19) B Endosulfa...	7.157	6.331	108.3E6	181.8E6	47.835	50.975
20) A Methoxychlor	7.498	6.606	56305505	94551180	53.964	52.877
21) B Endrin ke...	7.641	6.836	120.9E6	214.9E6	47.924	51.214
22) Mirex	8.114	7.015	92302263	161.5E6	44.323	47.759

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 15:51
Operator : AR\AJ
Sample : Q1373-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

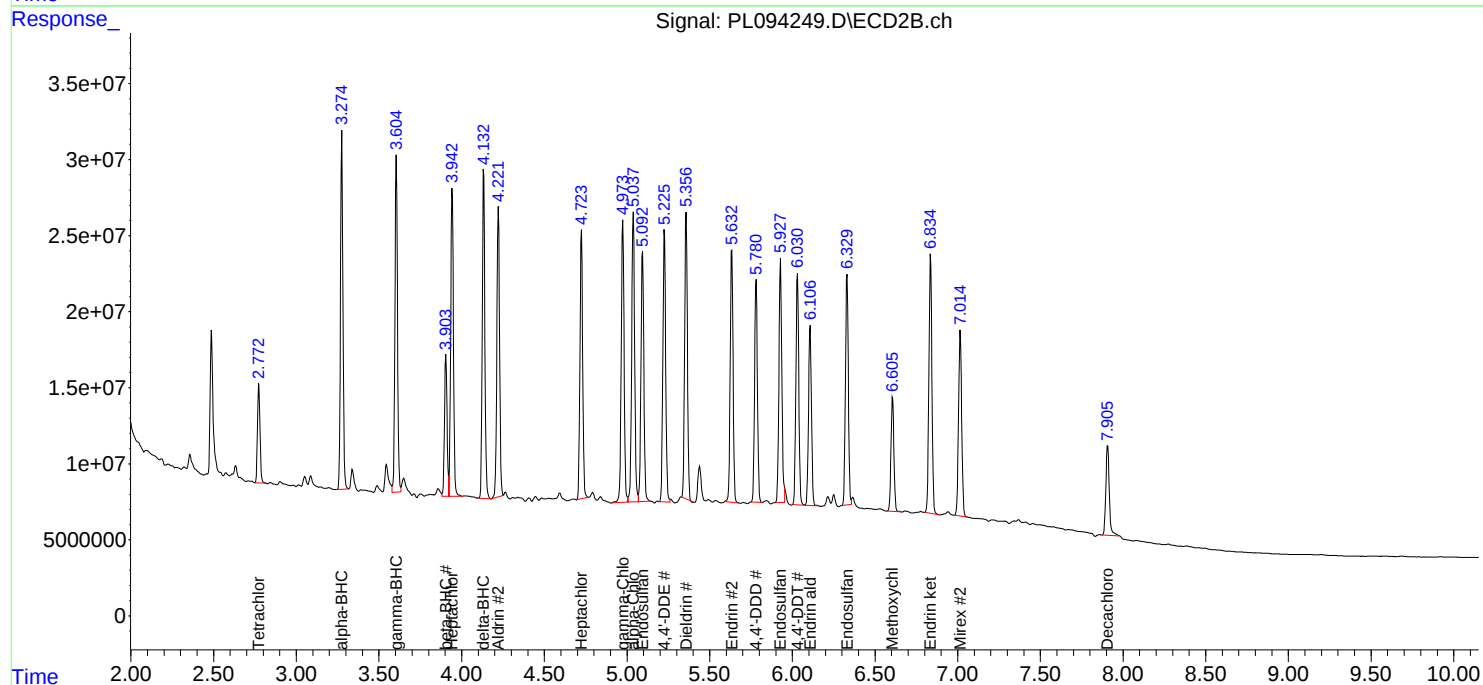
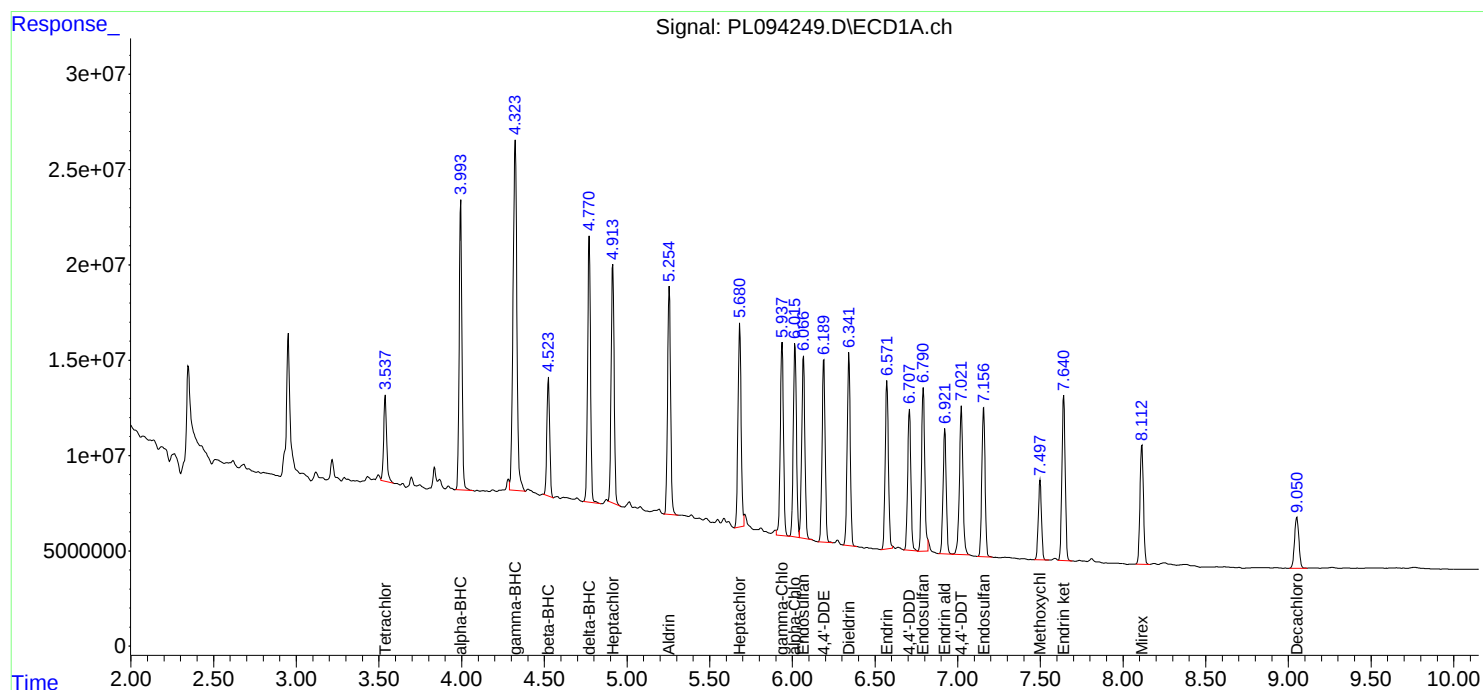
Instrument :
ECD_L
ClientSampleId :
VB27161MS

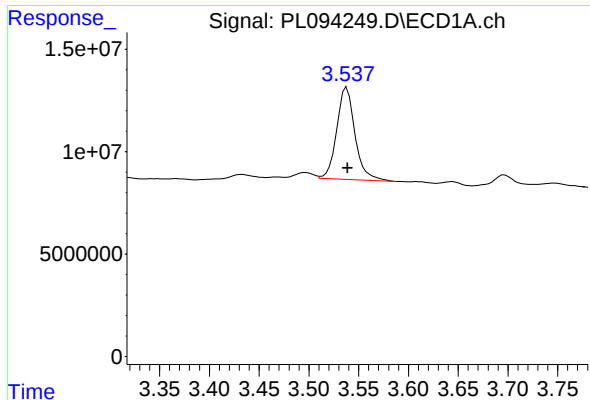
Manual Integrations
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Supervised By : Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:32:21 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





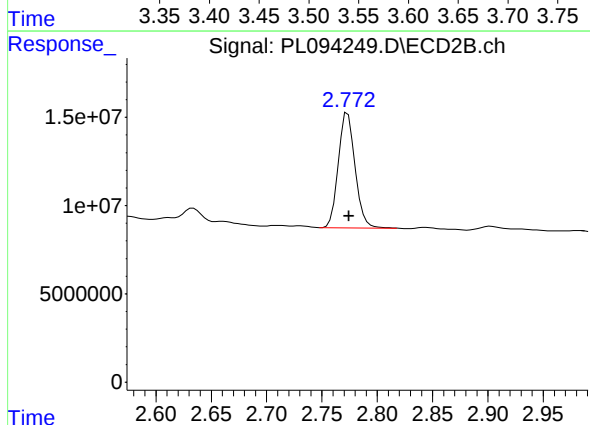
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 57516889
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

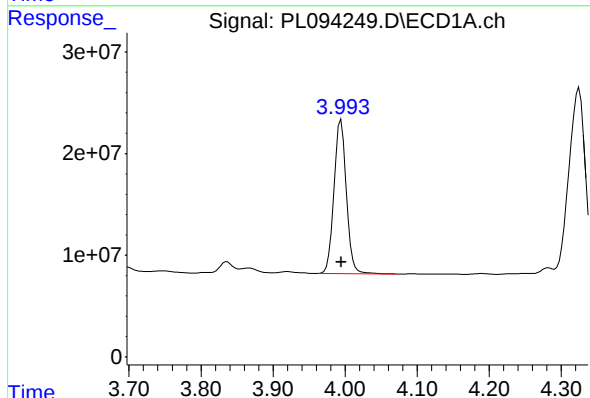
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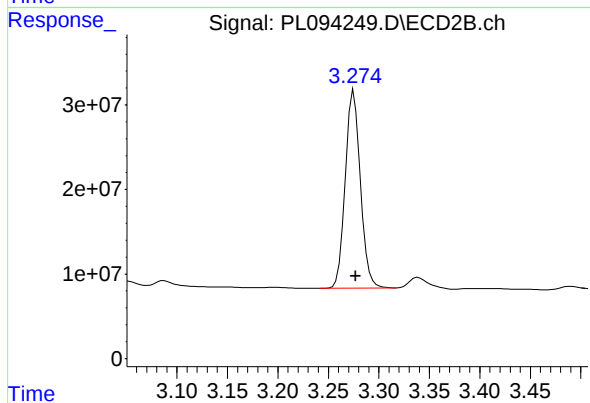
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 69165530
Conc: 21.19 ng/ml



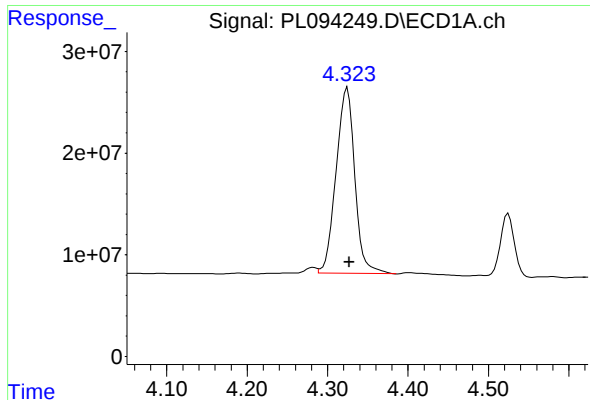
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 178431381
Conc: 46.54 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 244225750
Conc: 49.95 ng/ml



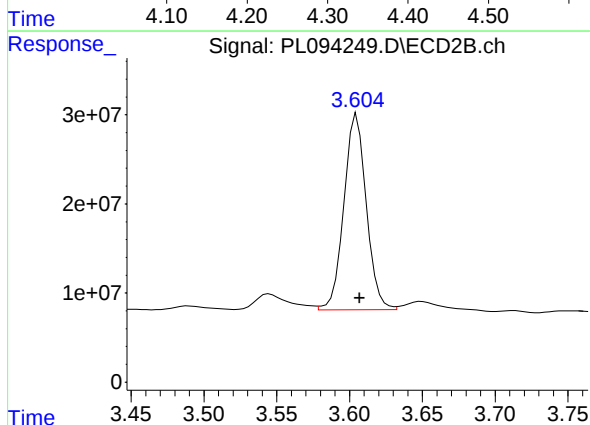
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 295749972
Conc: 80.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

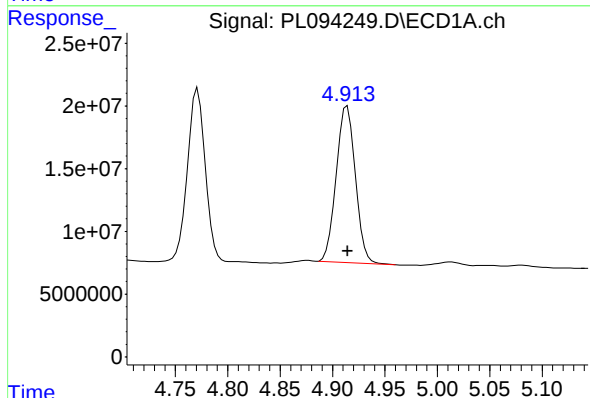
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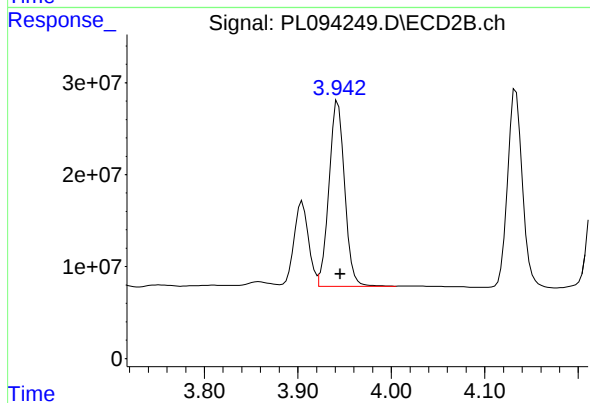
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 235100211
Conc: 49.59 ng/ml



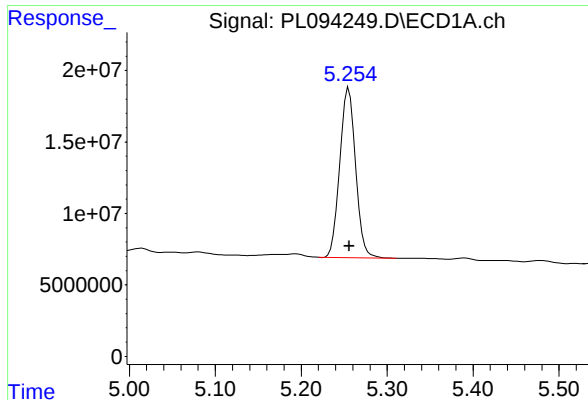
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 158440807
Conc: 48.34 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 233906855
Conc: 50.25 ng/ml



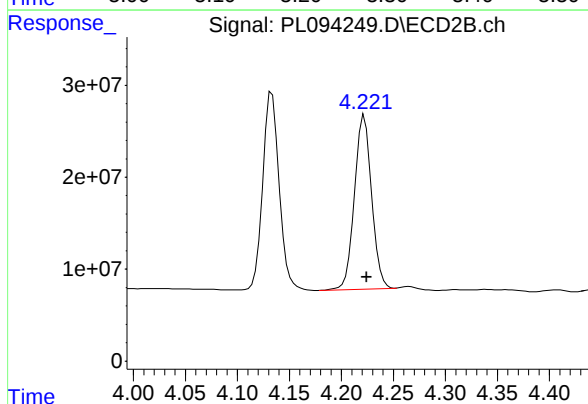
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 151165560
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

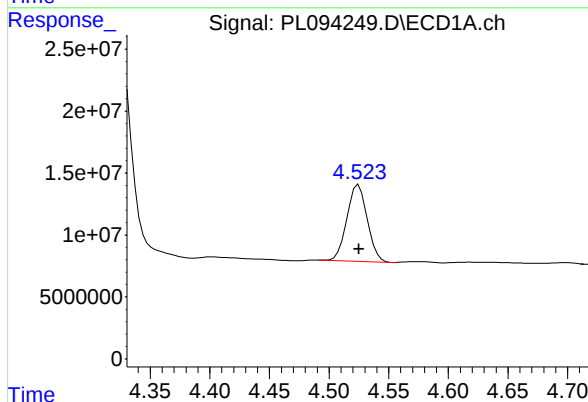
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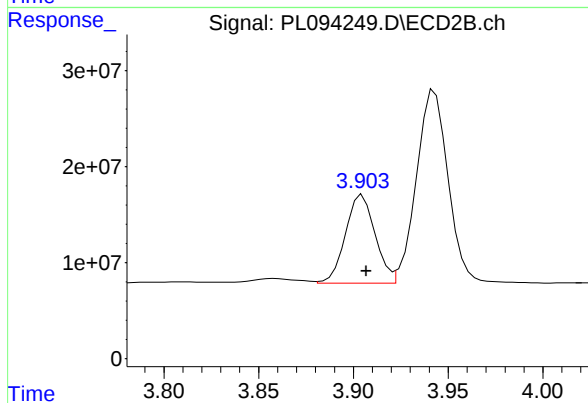
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.003 min
Response: 216774737
Conc: 47.52 ng/ml



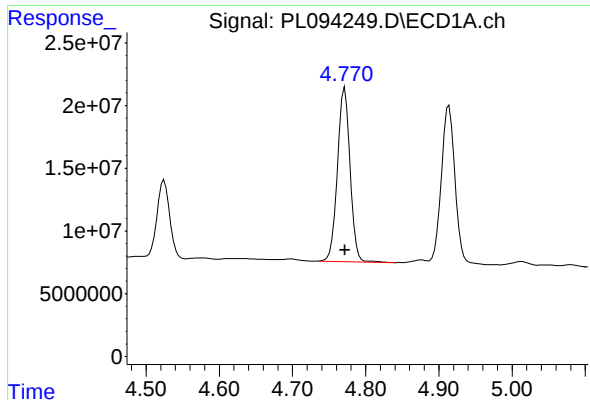
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 73186212
Conc: 45.53 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 99925437
Conc: 50.03 ng/ml



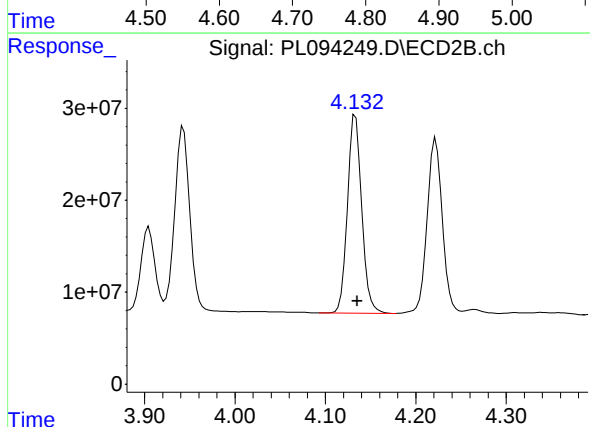
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 166537376
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

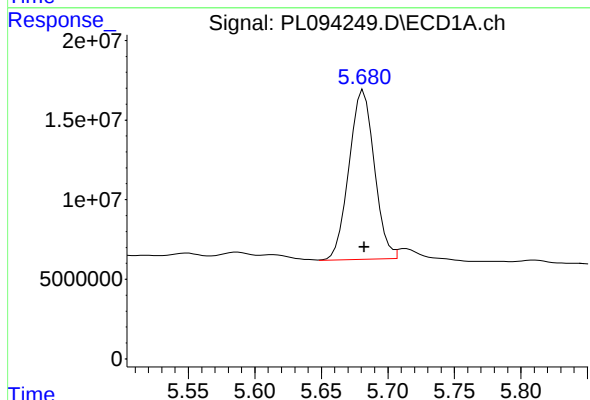
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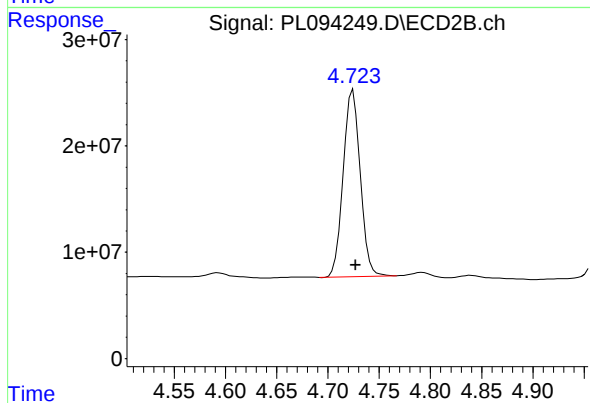
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 237053469
Conc: 49.89 ng/ml



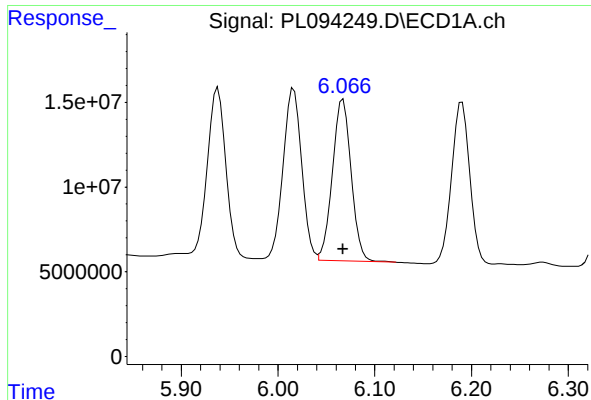
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 140362431
Conc: 47.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 202717165
Conc: 48.49 ng/ml



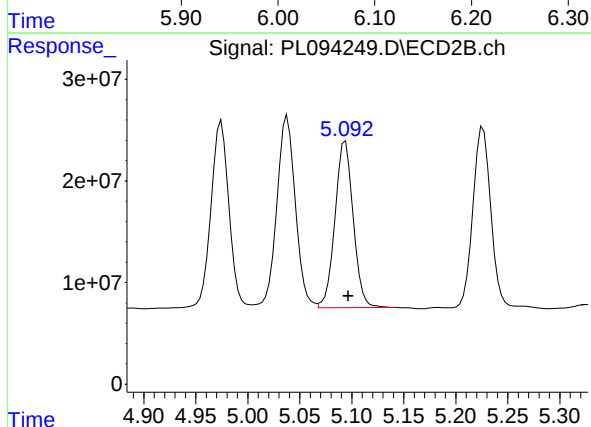
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 128476329
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

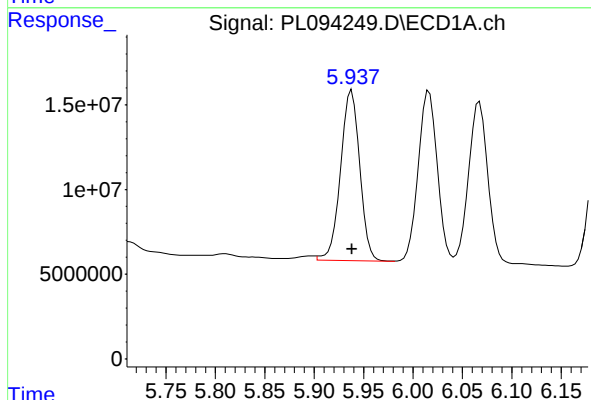
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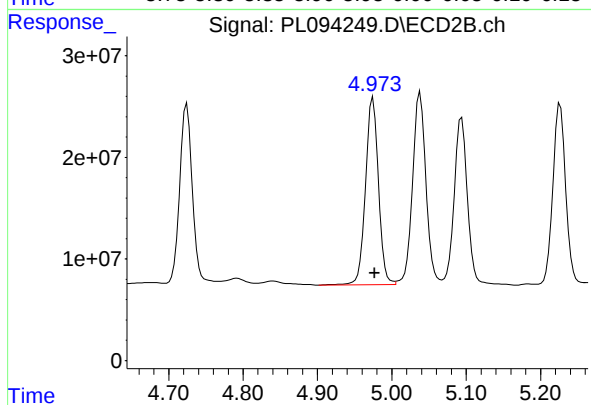
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: -0.003 min
Response: 200144237
Conc: 51.62 ng/ml



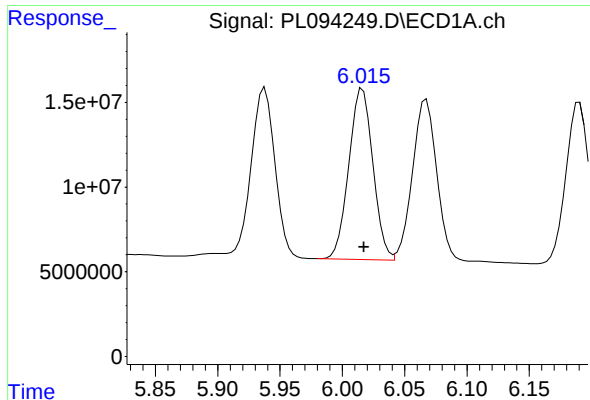
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 135554076
Conc: 48.63 ng/ml m



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 223498844
Conc: 52.74 ng/ml



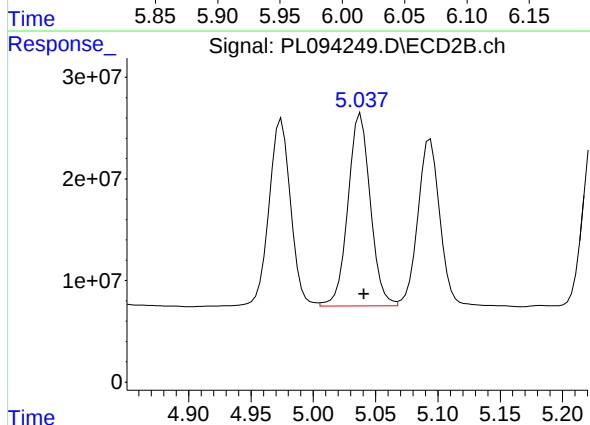
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 135634245
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

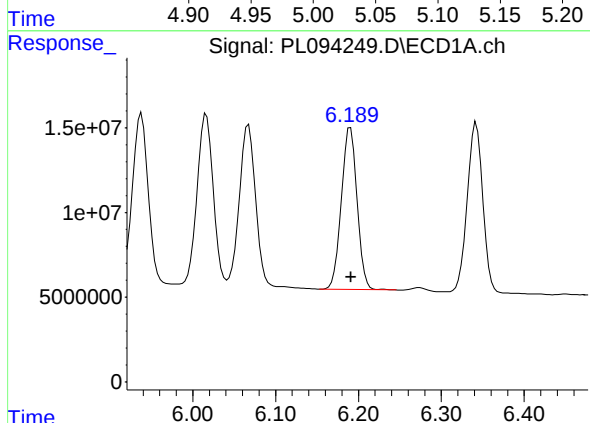
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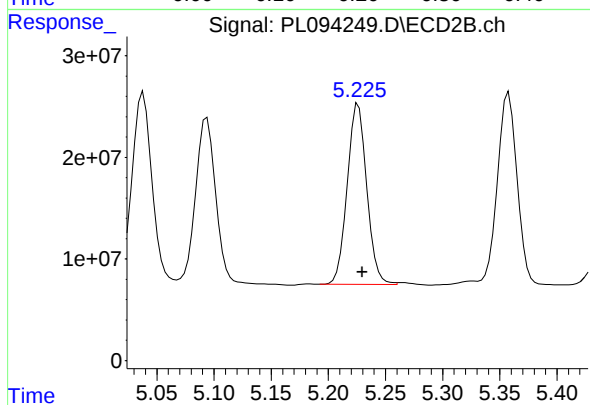
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 236425771
Conc: 56.47 ng/ml



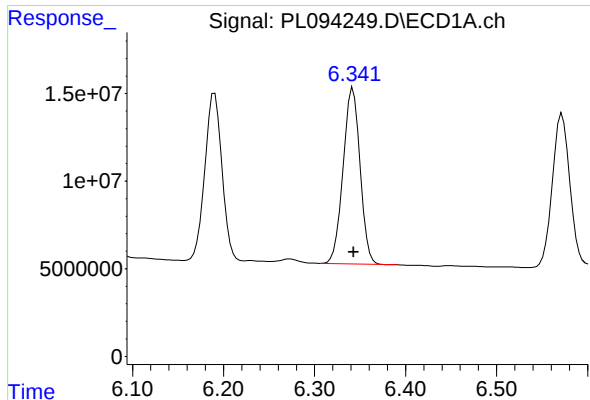
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 125720848
Conc: 51.64 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 212625947
Conc: 53.03 ng/ml



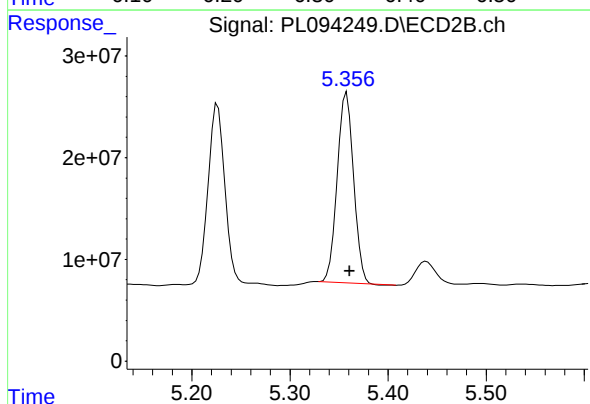
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 130228329
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

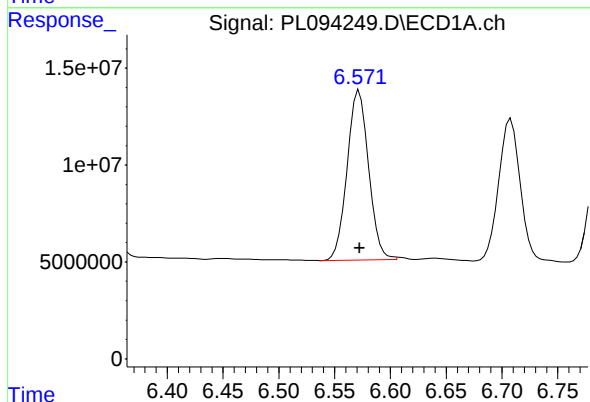
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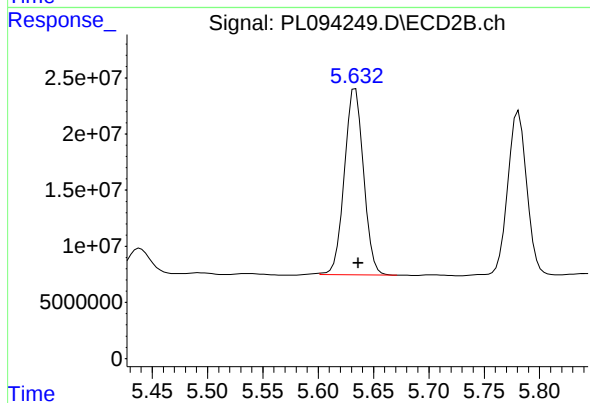
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 217228612
Conc: 50.57 ng/ml



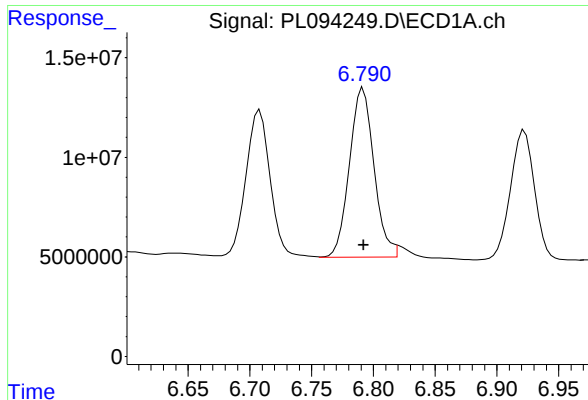
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 117378097
Conc: 50.06 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 199873415
Conc: 54.13 ng/ml m



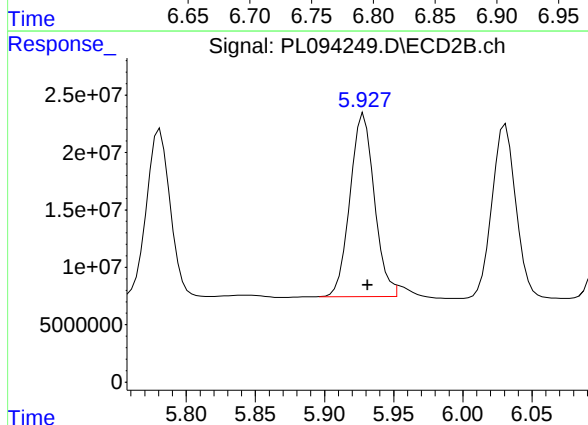
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 118047282
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

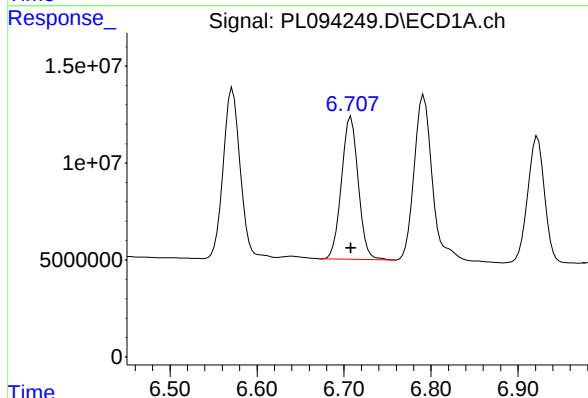
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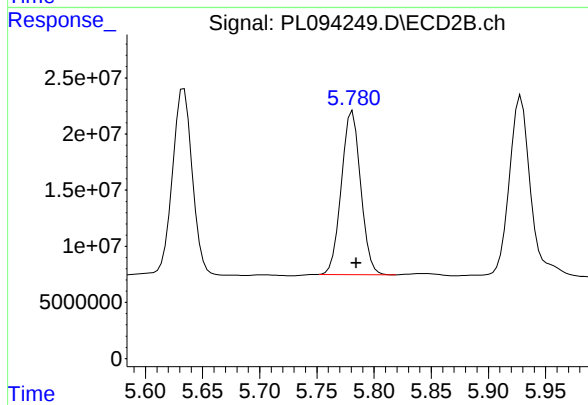
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 195826621
Conc: 52.87 ng/ml



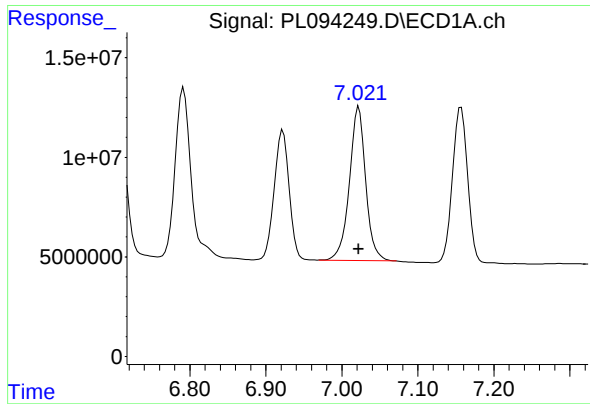
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 99113831
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 171875211
Conc: 54.45 ng/ml



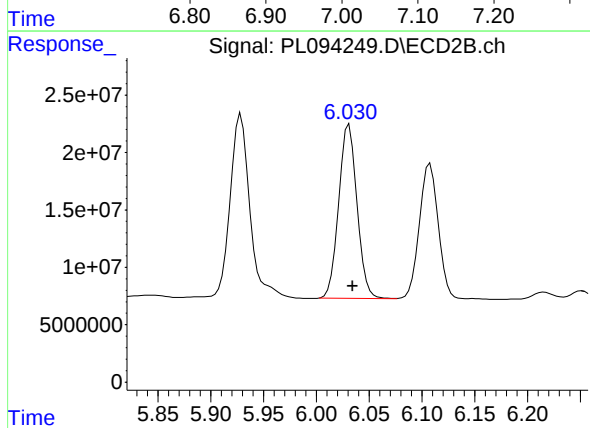
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 115730188
Conc: 58.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

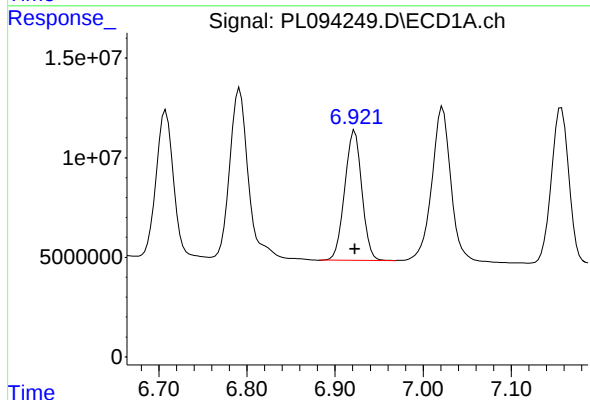
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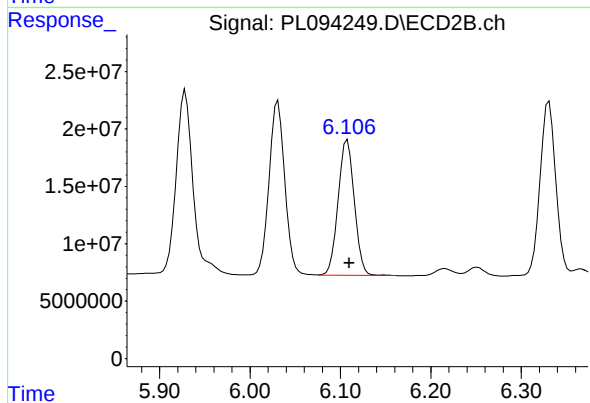
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 182875723
Conc: 56.20 ng/ml



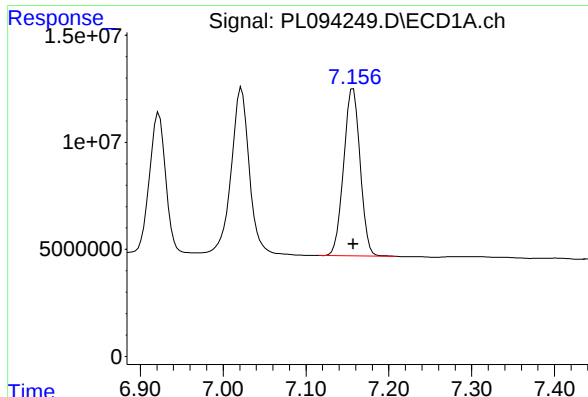
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 88484777
Conc: 45.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 146613236
Conc: 48.15 ng/ml



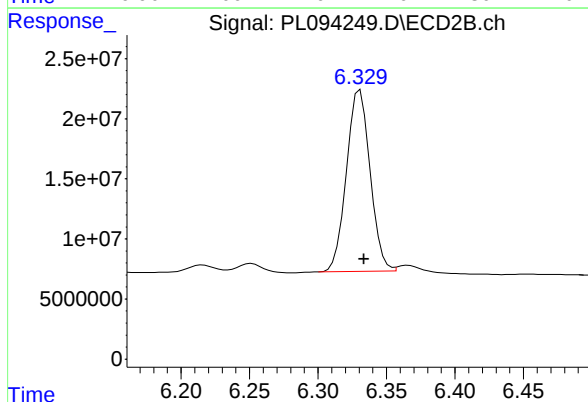
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 108285628
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

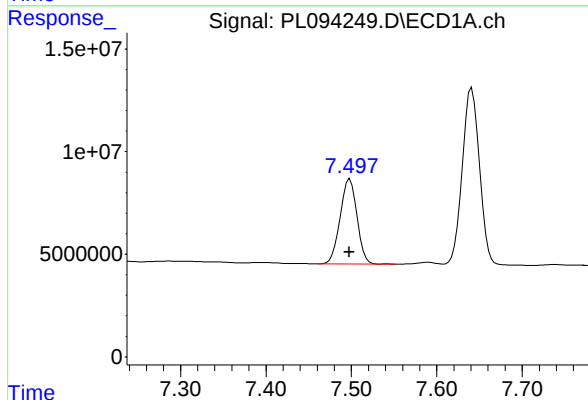
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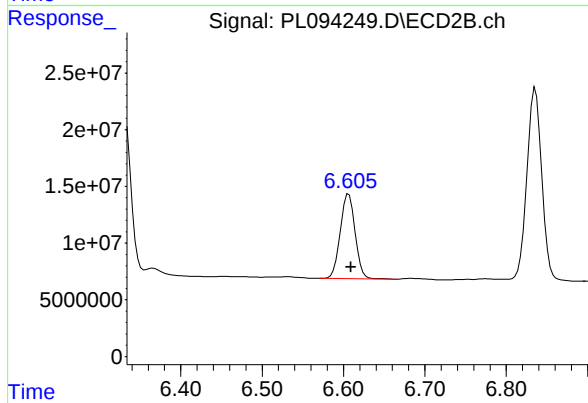
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: -0.003 min
Response: 181779868
Conc: 50.97 ng/ml



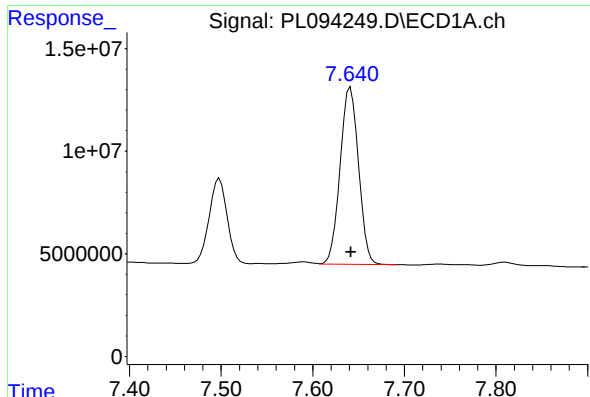
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 56305505
Conc: 53.96 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 94551180
Conc: 52.88 ng/ml



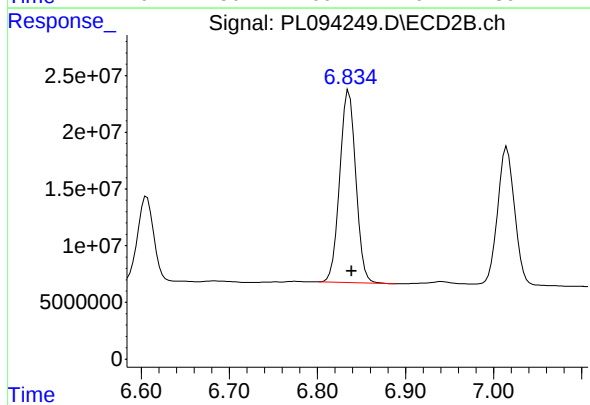
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 120893551
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

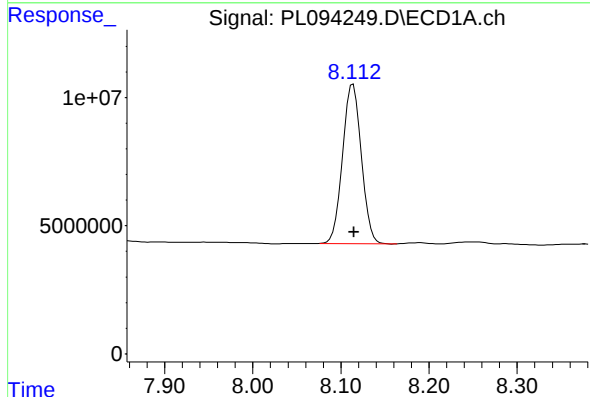
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



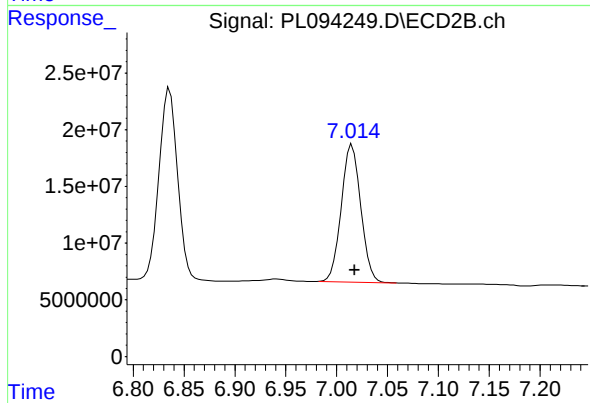
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 214856164
Conc: 51.21 ng/ml



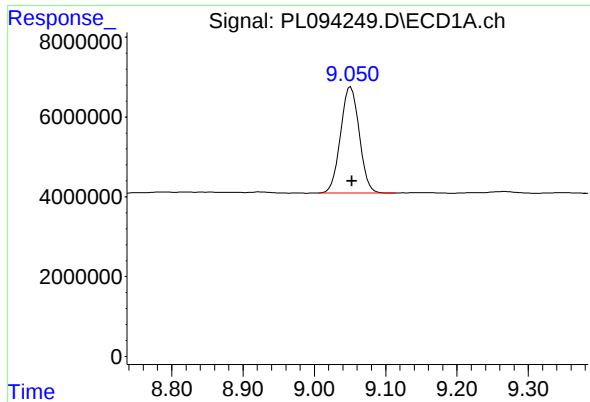
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 92302263
Conc: 44.32 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 161515442
Conc: 47.76 ng/ml



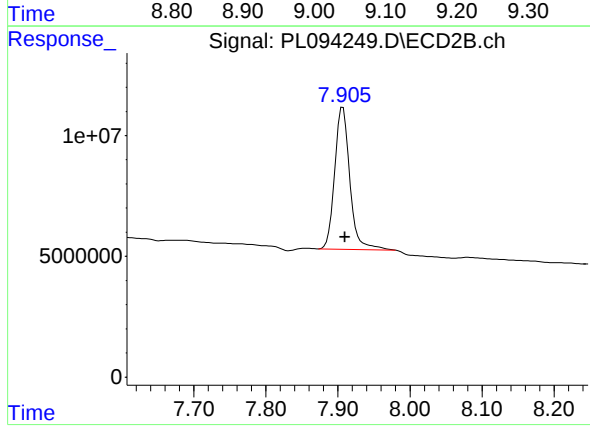
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.002 min
Response: 48673483
Conc: 23.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MS

Manual Integrations
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Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 85200882
Conc: 24.31 ng/ml