

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 16:25
 Operator : AR\AJ
 Sample : Q1382-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-PCS-TC-01-021725MS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 01:12:34 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...	3.535	2.771	55186714	67851609	20.494m	20.787
2) SA Decachlor...	9.050	7.905	40173610	69855129	19.204	19.935
Target Compounds						
2) A alpha-BHC	3.992	3.273	167.2E6	226.6E6	43.621	46.341
3) MA gamma-BHC...	4.325	3.603	162.1E6	217.1E6	44.022	45.784
4) MA Heptachlor	4.913	3.941	157.3E6	229.2E6	48.003	49.245
5) MB Aldrin	5.255	4.220	151.1E6	219.0E6	46.185	48.009
6) B beta-BHC	4.524	3.903	73475546	95546942	45.713	47.835
7) B delta-BHC	4.770	4.132	159.0E6	218.8E6	45.354	46.044
8) B Heptachlo...	5.681	4.723	141.5E6	203.8E6	47.579	48.758
9) A Endosulfan I	6.066	5.092	123.6E6	195.1E6	46.767	50.324
10) B gamma-Chl...	5.937	4.973	139.9E6	222.5E6	50.198	52.503
11) B alpha-Chl...	6.016	5.036	134.3E6	214.1E6	48.151	51.136
12) B 4,4'-DDE	6.190	5.224	122.3E6	202.4E6	50.246	50.479m
13) MA Dieldrin	6.342	5.356	131.0E6	216.8E6	47.196	50.468
14) MA Endrin	6.570	5.631	115.8E6	202.6E6	49.398m	54.877m
15) B Endosulfa...	6.792	5.926	111.7E6	193.8E6	46.367	52.326m
16) A 4,4'-DDD	6.707	5.780	94344403	158.9E6	49.640	50.356
17) MA 4,4'-DDT	7.021	6.030	102.9E6	185.2E6	52.198	56.899
18) B Endrin al...	6.921	6.106	86876693	143.3E6	44.688	47.051
19) B Endosulfa...	7.156	6.329	106.6E6	183.0E6	47.084	51.323
20) A Methoxychlor	7.497	6.605	53625065	96875109	51.395	54.177
21) B Endrin ke...	7.640	6.835	118.3E6	210.3E6	46.876	50.118
22) Mirex	8.113	7.014	92956980	166.6E6	44.637	49.258

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:25
Operator : AR\AJ
Sample : Q1382-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

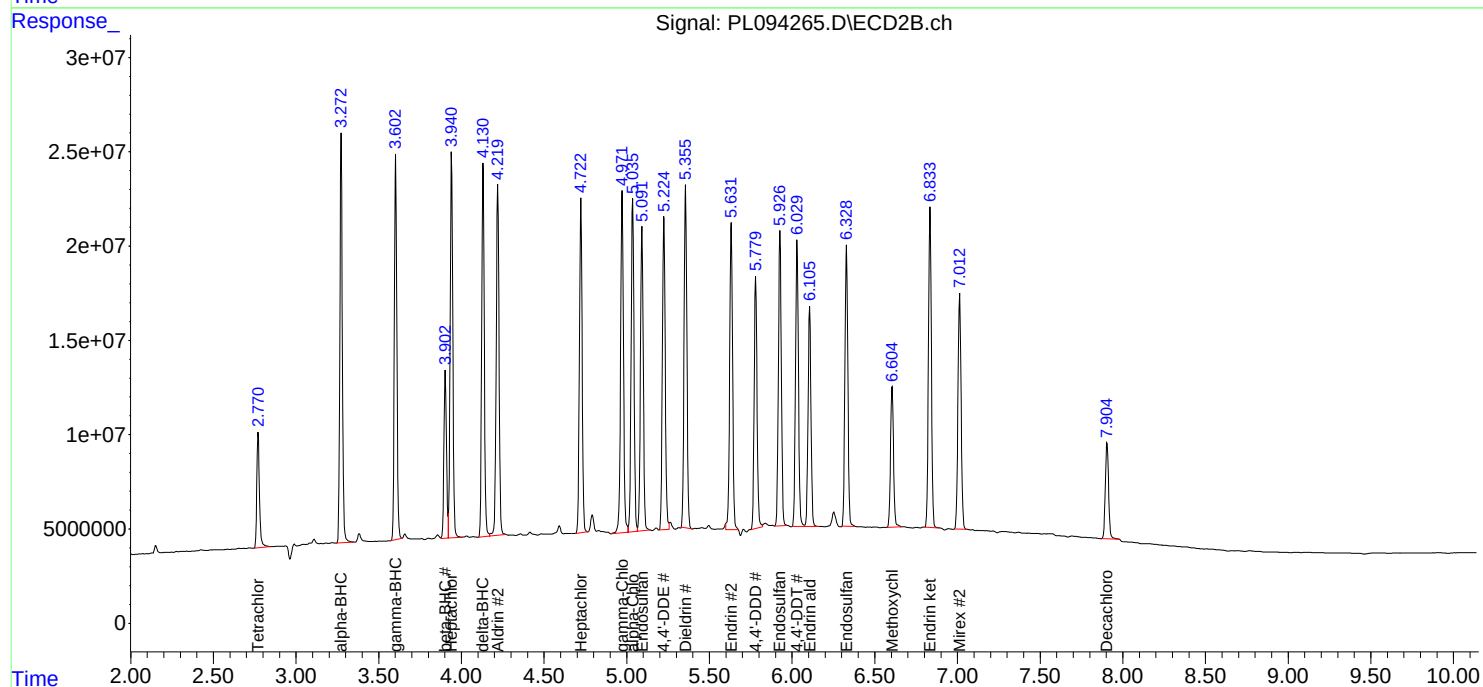
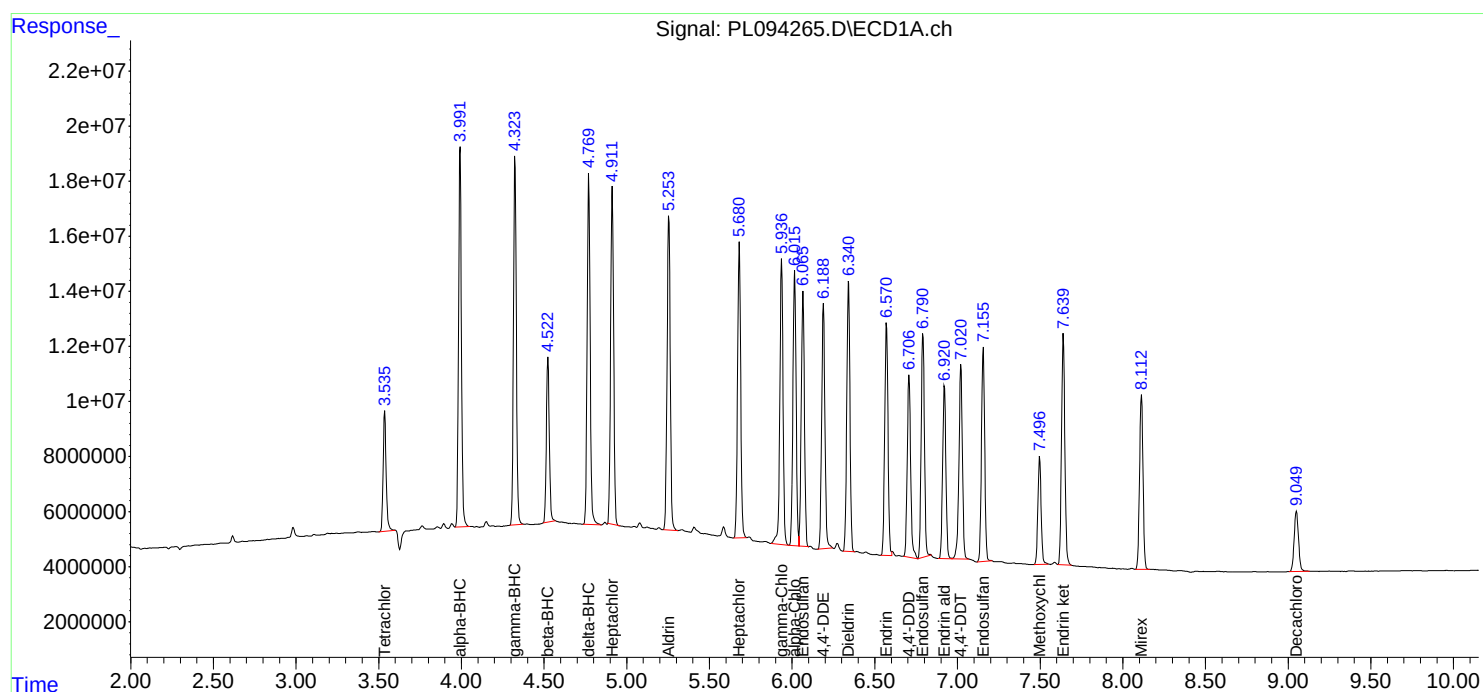
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

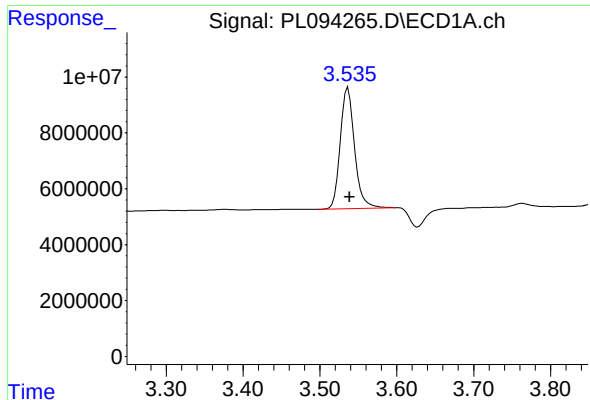
Manual Integrations
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Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:12:34 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





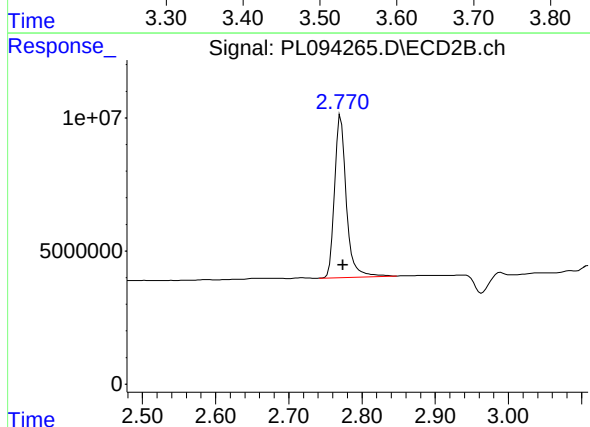
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.004 min
Response: 55186714
Conc: 20.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

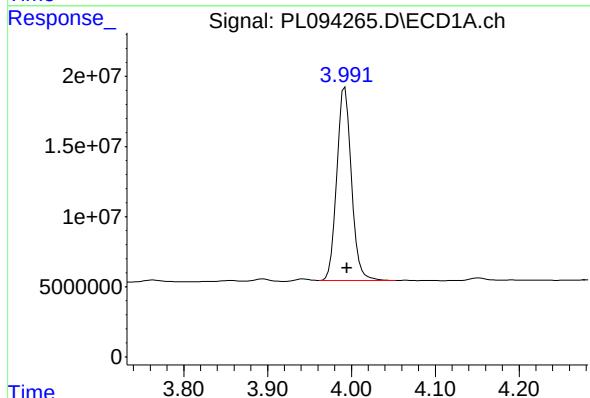
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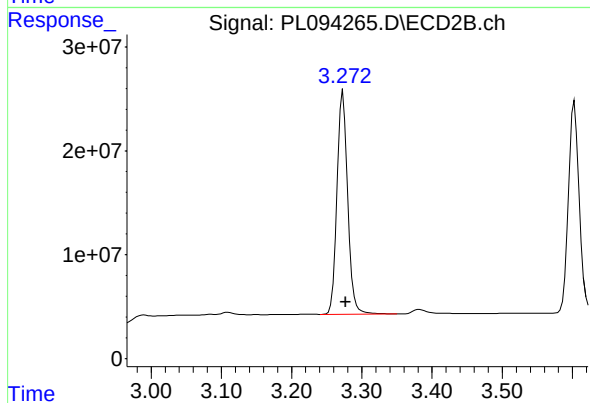
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.003 min
Response: 67851609
Conc: 20.79 ng/ml



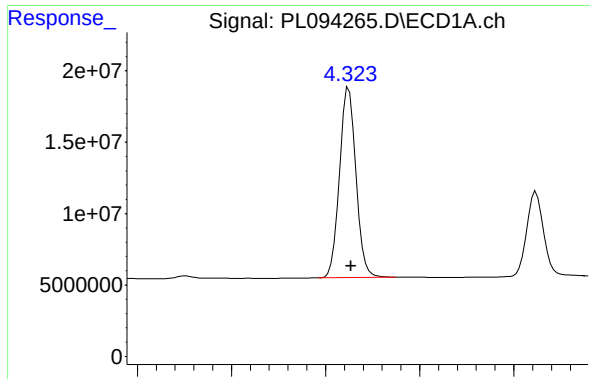
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 167237733
Conc: 43.62 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 226561583
Conc: 46.34 ng/ml



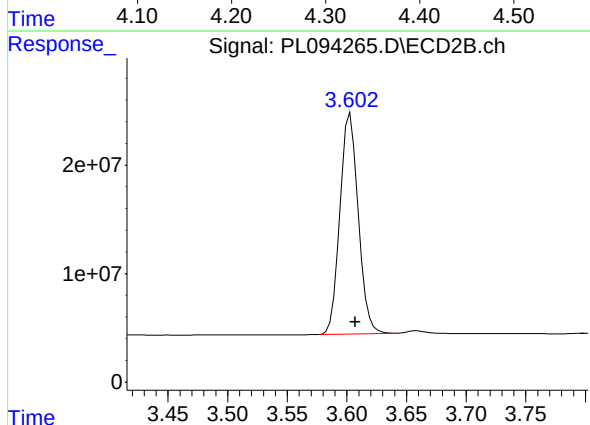
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 162125400
Conc: 44.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

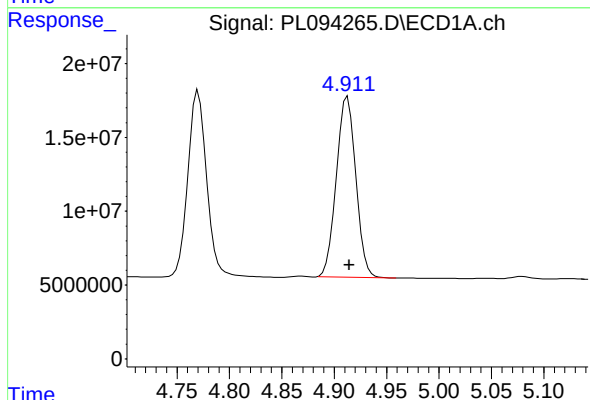
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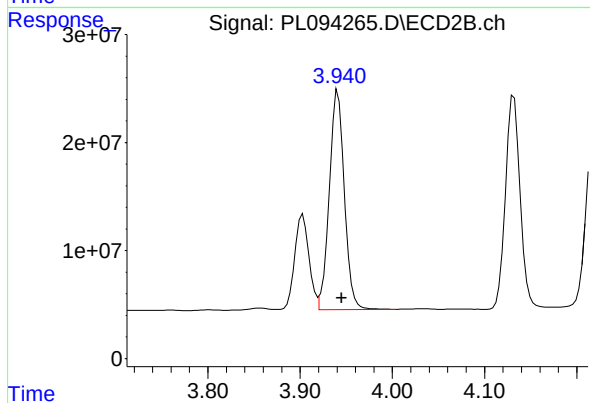
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 217073832
Conc: 45.78 ng/ml



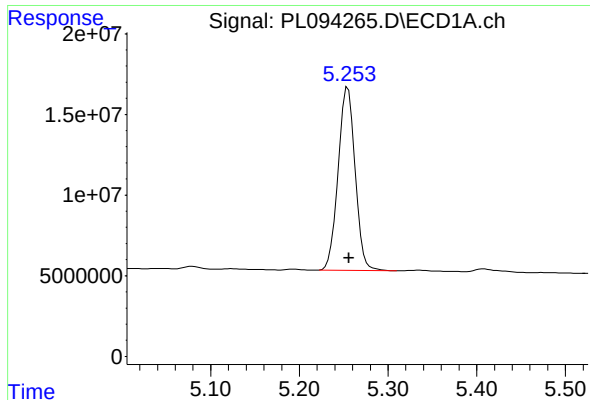
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 157321491
Conc: 48.00 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 229226081
Conc: 49.25 ng/ml



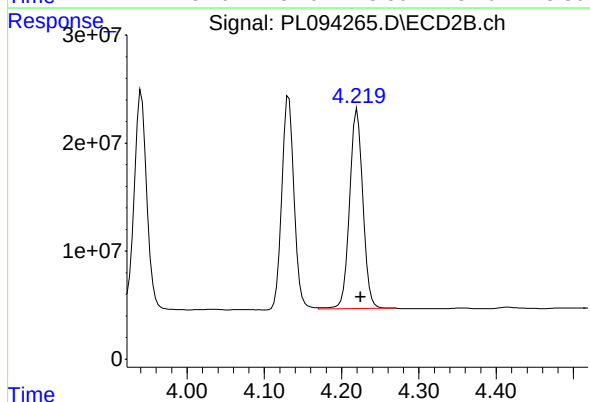
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 151116435
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

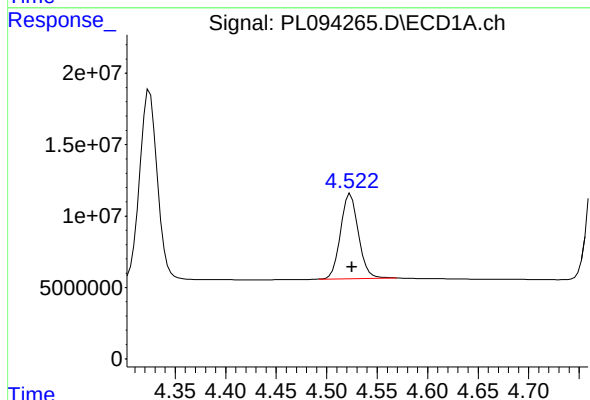
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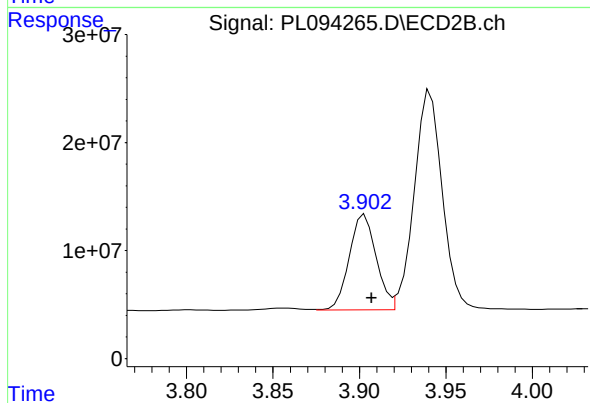
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.004 min
Response: 219008221
Conc: 48.01 ng/ml



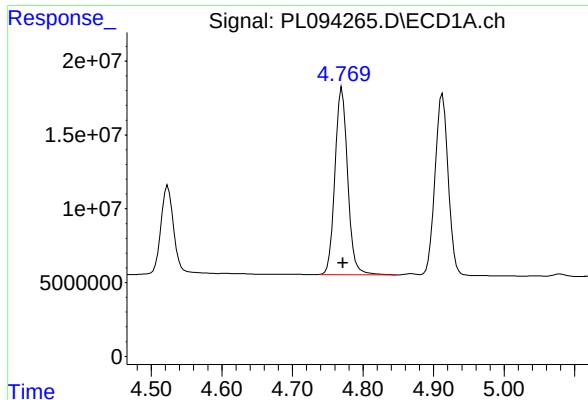
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 73475546
Conc: 45.71 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.004 min
Response: 95546942
Conc: 47.83 ng/ml



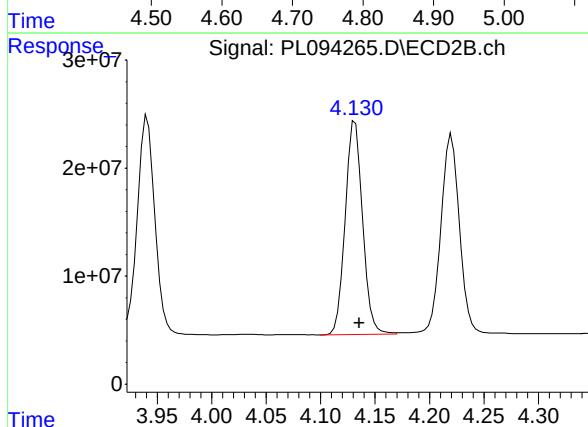
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 158977188
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

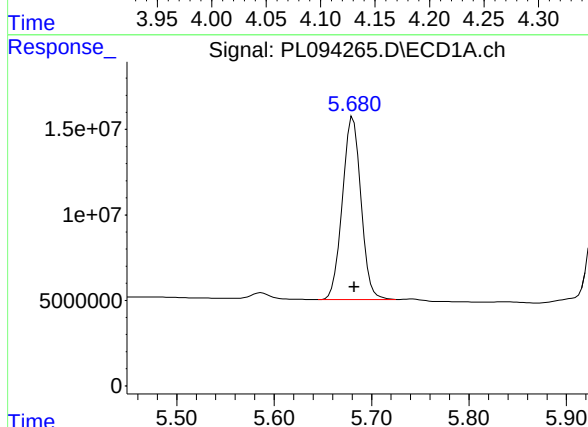
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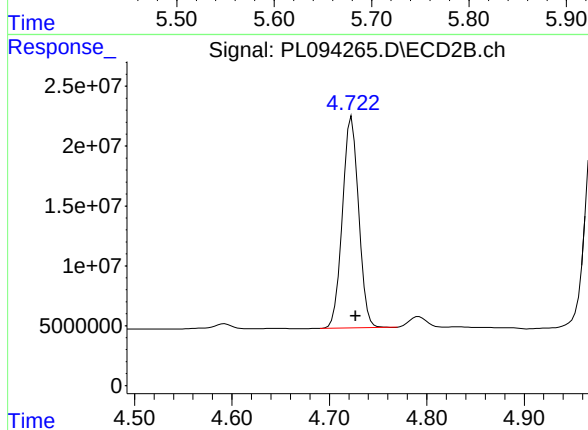
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 218764192
Conc: 46.04 ng/ml



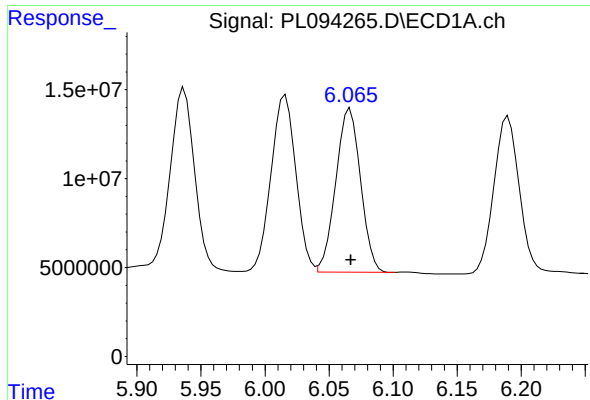
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 141491744
Conc: 47.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 203819721
Conc: 48.76 ng/ml



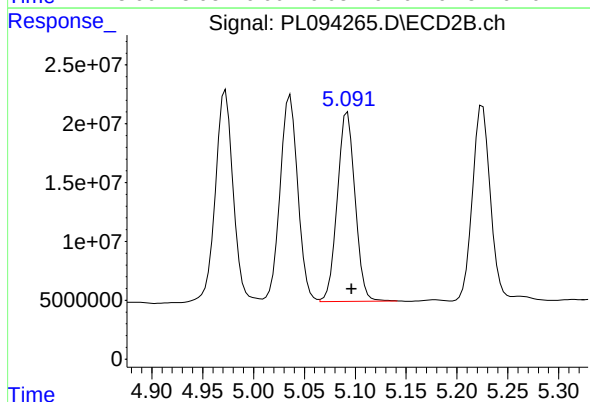
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 123599566
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

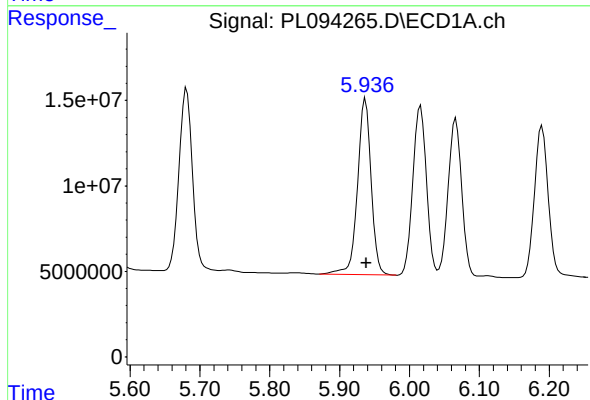
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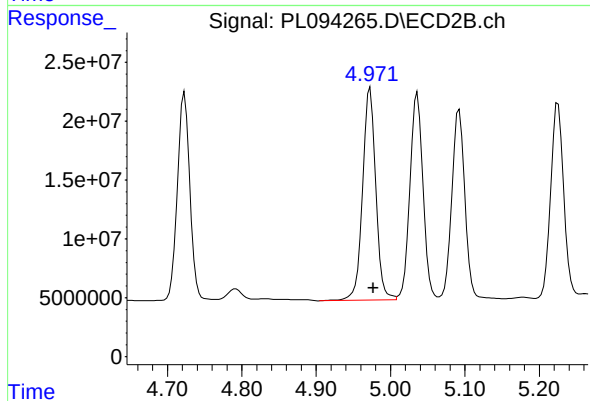
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 195100792
Conc: 50.32 ng/ml



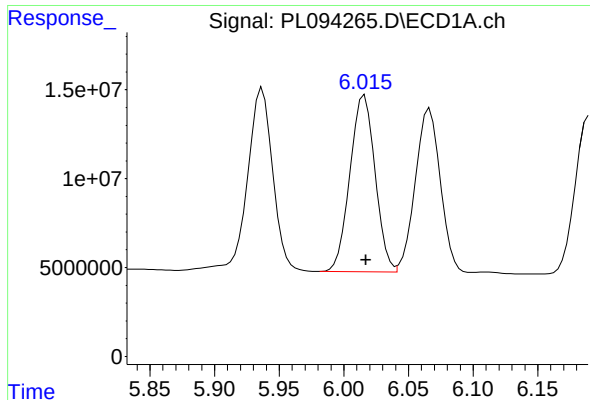
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 139921490
Conc: 50.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.005 min
Response: 222486929
Conc: 52.50 ng/ml



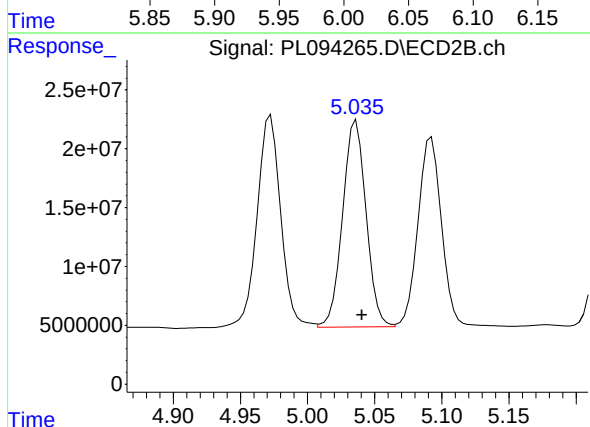
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 134264079
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

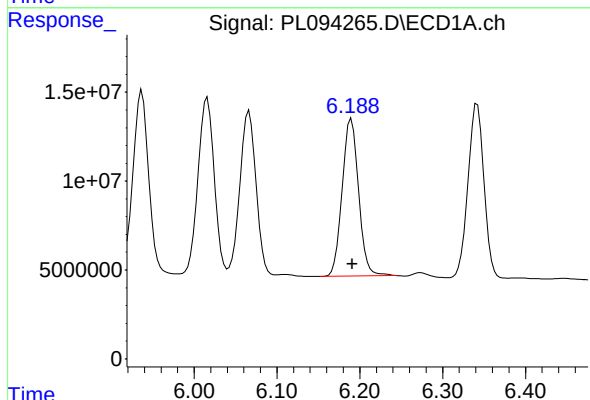
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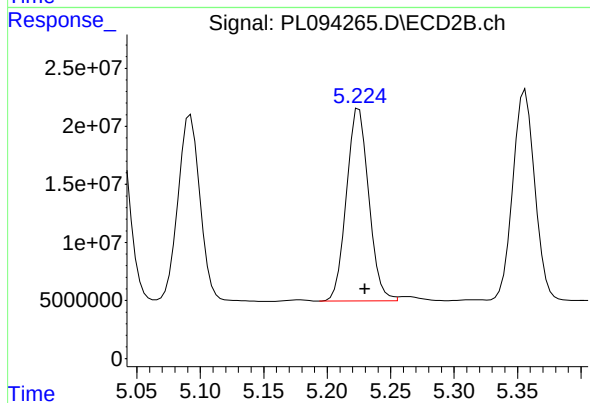
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 214084885
Conc: 51.14 ng/ml



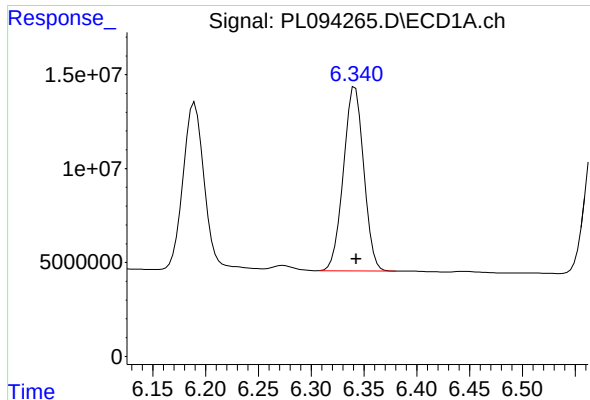
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 122328361
Conc: 50.25 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.006 min
Response: 202392140
Conc: 50.48 ng/ml m



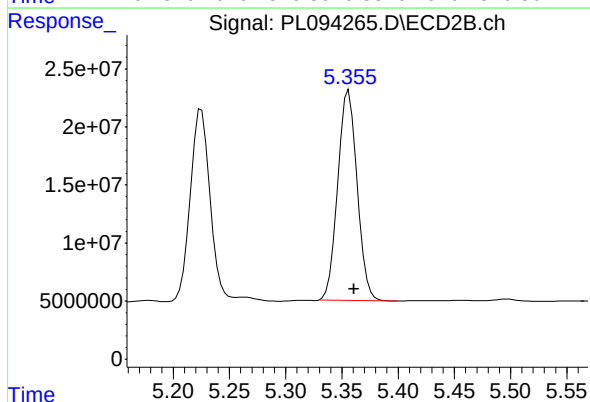
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 131008350
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

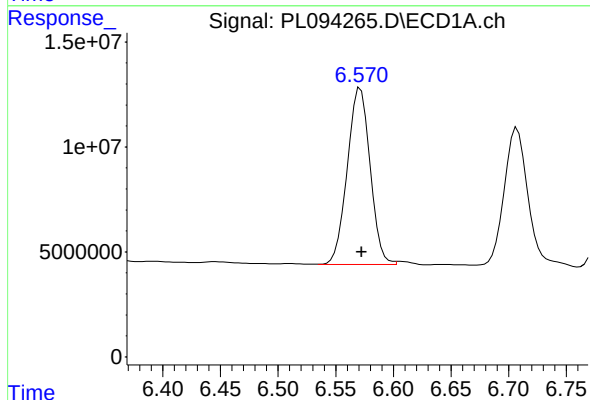
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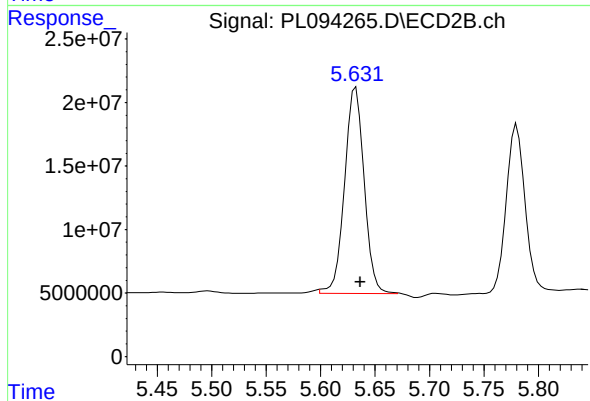
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 216794067
Conc: 50.47 ng/ml



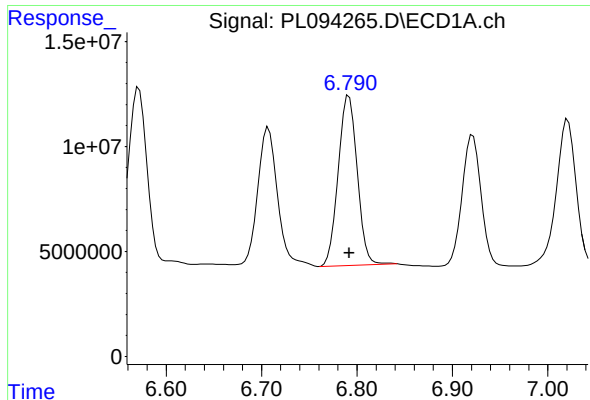
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 115829761
Conc: 49.40 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.005 min
Response: 202642086
Conc: 54.88 ng/ml m



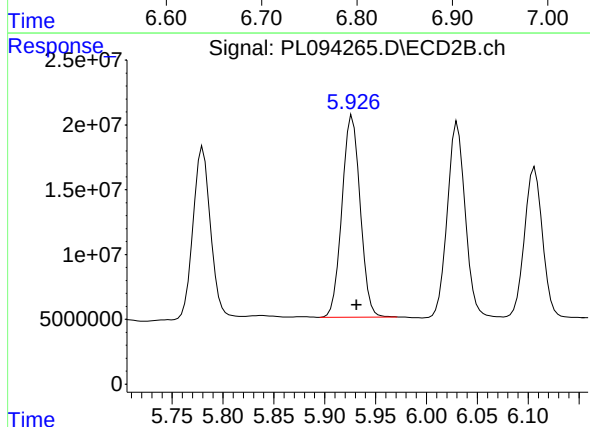
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 111713703
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

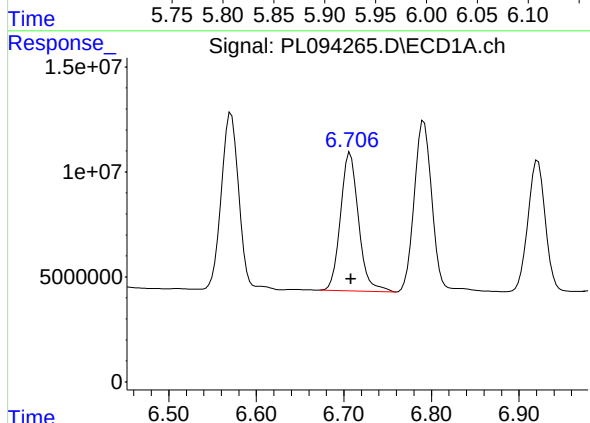
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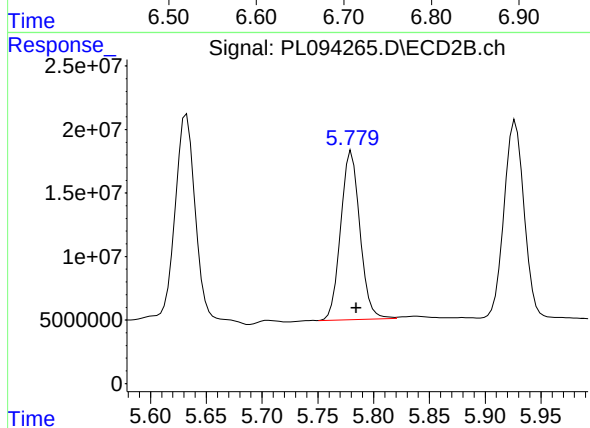
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.006 min
Response: 193807738
Conc: 52.33 ng/ml m



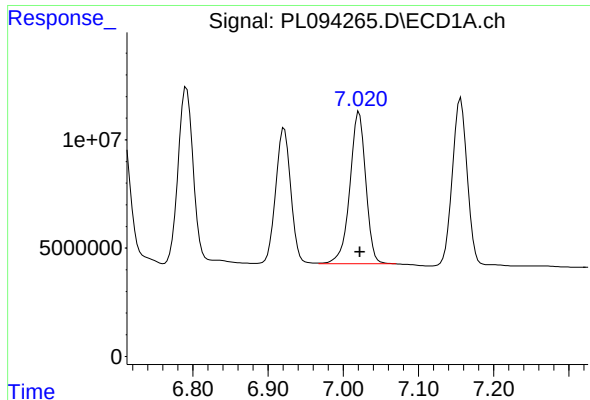
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 94344403
Conc: 49.64 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 158949073
Conc: 50.36 ng/ml



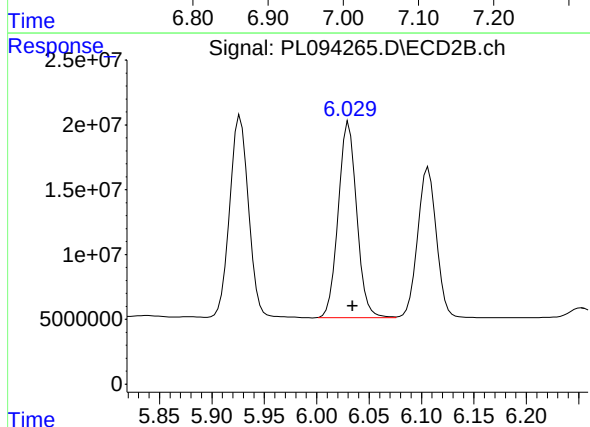
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 102937585
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

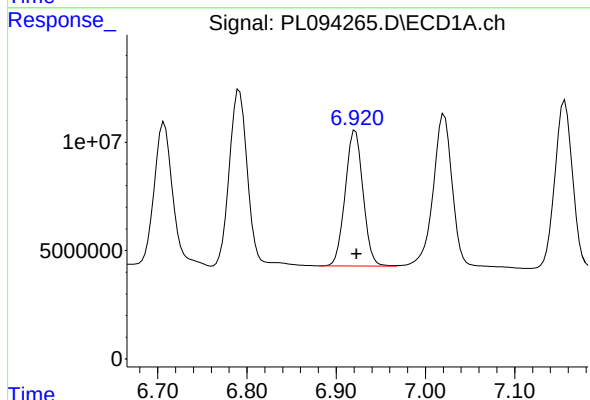
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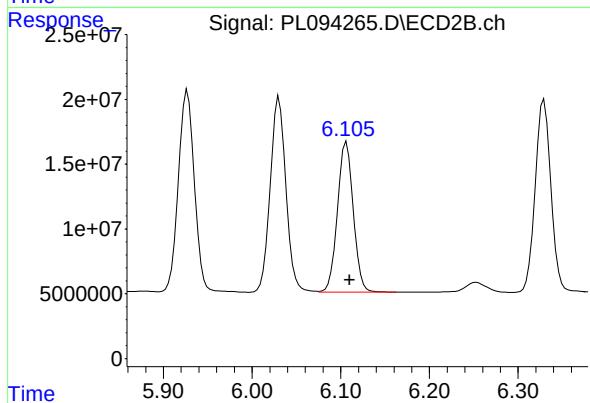
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 185152467
Conc: 56.90 ng/ml



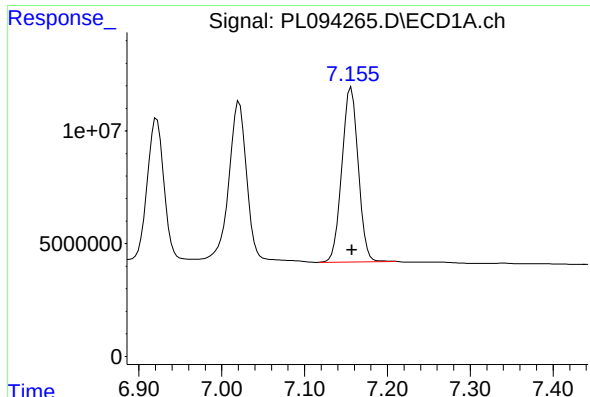
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 86876693
Conc: 44.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 143253418
Conc: 47.05 ng/ml



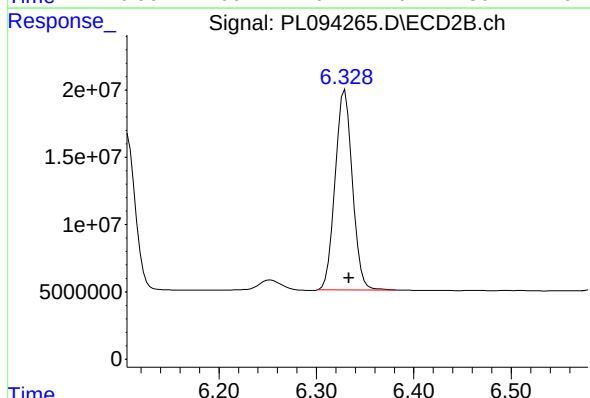
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 106585093
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

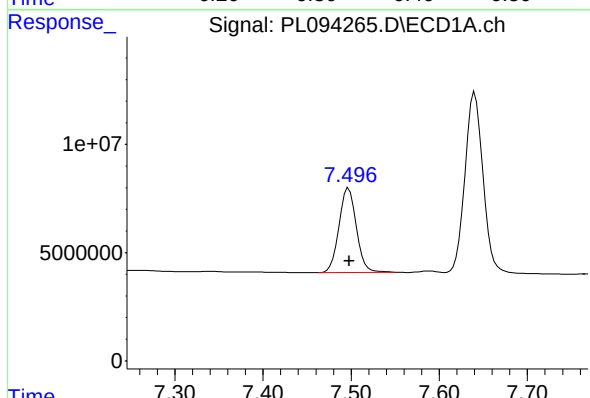
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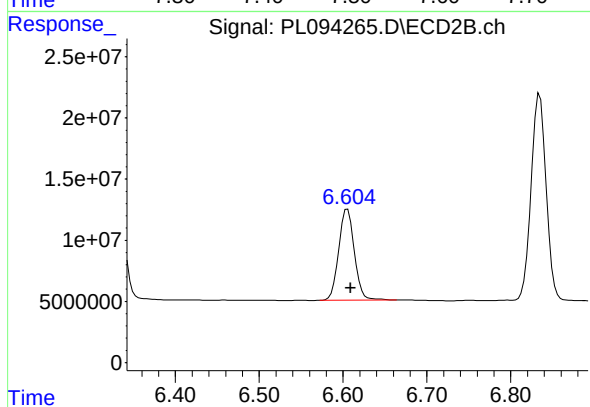
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 183020368
Conc: 51.32 ng/ml



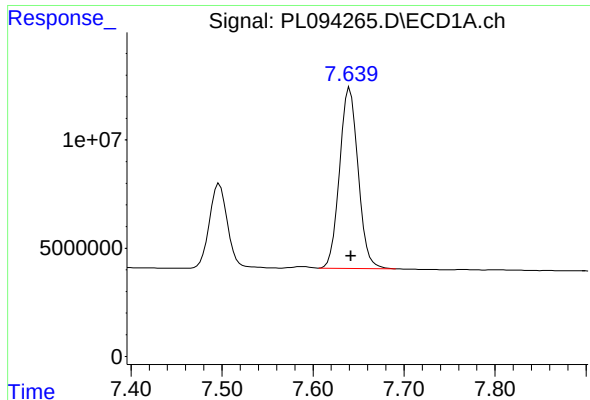
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 53625065
Conc: 51.39 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 96875109
Conc: 54.18 ng/ml



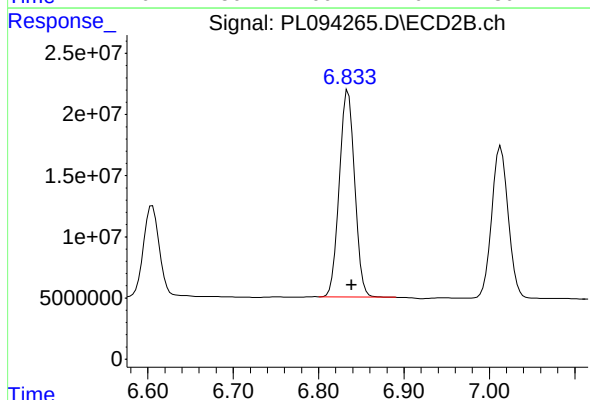
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.001 min
Response: 118251548
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

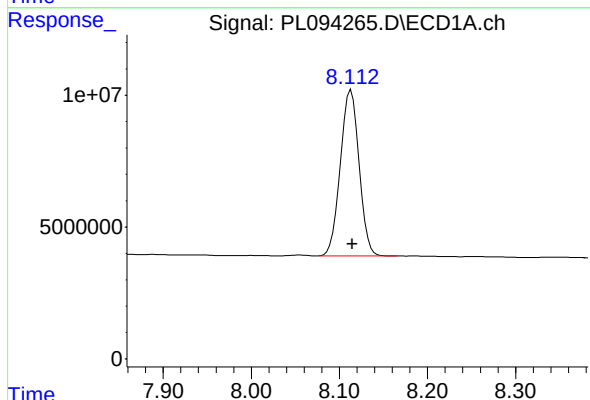
Manual Integrations
APPROVED

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



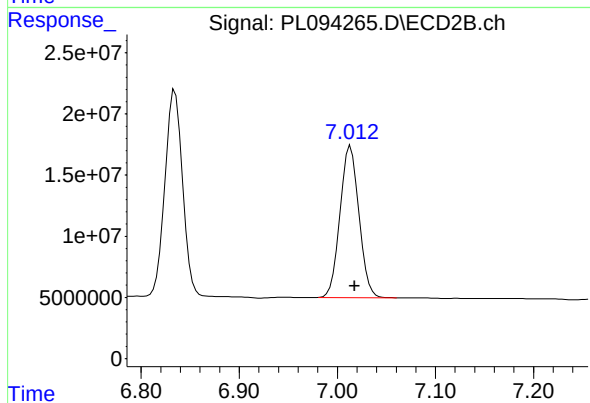
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 210258906
Conc: 50.12 ng/ml



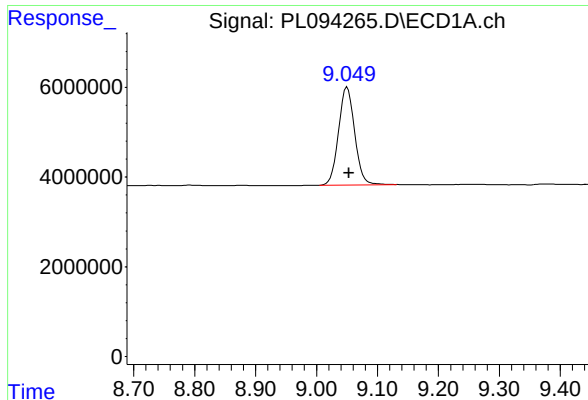
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.001 min
Response: 92956980
Conc: 44.64 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 166583527
Conc: 49.26 ng/ml



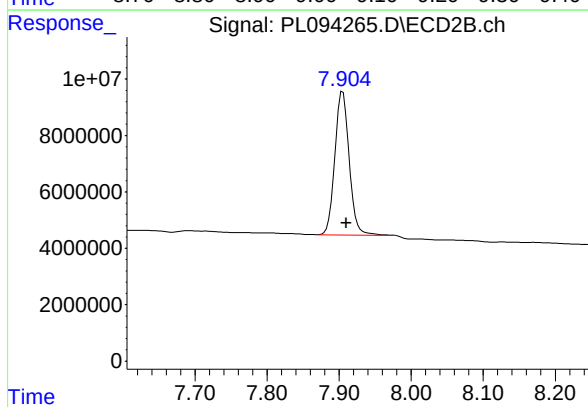
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 40173610
Conc: 19.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MS

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 69855129
Conc: 19.94 ng/ml