

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 11:38
 Operator : AR\AJ
 Sample : Q1209-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 01:27:14 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...	3.536	2.773	54999262	64582184	20.425m	19.785
28)	SA Decachlor...	9.052	7.909	46358504	75527682	22.161	21.554
Target Compounds							
2)	A alpha-BHC	3.994	3.276	175.9E6	226.0E6	45.869	46.234
3)	MA gamma-BHC...	4.326	3.606	168.6E6	216.2E6	45.779	45.603
4)	MA Heptachlor	4.913	3.944	157.5E6	223.5E6	48.052	48.008
5)	MB Aldrin	5.255	4.224	150.6E6	208.6E6	46.038	45.736
6)	B beta-BHC	4.524	3.906	76757820	95324032	47.755	47.723
7)	B delta-BHC	4.771	4.134	162.5E6	216.0E6	46.353	45.451
8)	B Heptachlo...	5.682	4.726	137.4E6	199.5E6	46.217	47.713
9)	A Endosulfan I	6.067	5.096	126.4E6	189.8E6	47.837	48.951
10)	B gamma-Chl...	5.938	4.975	134.5E6	208.4E6	48.252	49.167m
11)	B alpha-Chl...	6.016	5.039	135.3E6	206.4E6	48.505	49.301
12)	B 4,4'-DDE	6.190	5.228	123.9E6	201.1E6	50.889	50.150
13)	MA Dieldrin	6.342	5.360	132.8E6	208.6E6	47.831	48.561
14)	MA Endrin	6.570	5.635	113.5E6	188.5E6	48.412m	51.035
15)	B Endosulfa...	6.792	5.930	117.1E6	185.5E6	48.615	50.089
16)	A 4,4'-DDD	6.707	5.783	101.2E6	163.3E6	53.222	51.746
17)	MA 4,4'-DDT	7.021	6.033	104.2E6	172.1E6	52.857	52.897
18)	B Endrin al...	6.922	6.109	92492392	142.9E6	47.577	46.951
19)	B Endosulfa...	7.157	6.332	112.2E6	178.4E6	49.554	50.018
20)	A Methoxychlor	7.498	6.608	55864365	90999655	53.541	50.891
21)	B Endrin ke...	7.642	6.837	126.9E6	210.9E6	50.314	50.275
22)	Mirex	8.115	7.017	97713199	161.8E6	46.921	47.844

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 11:38
Operator : AR\AJ
Sample : Q1209-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

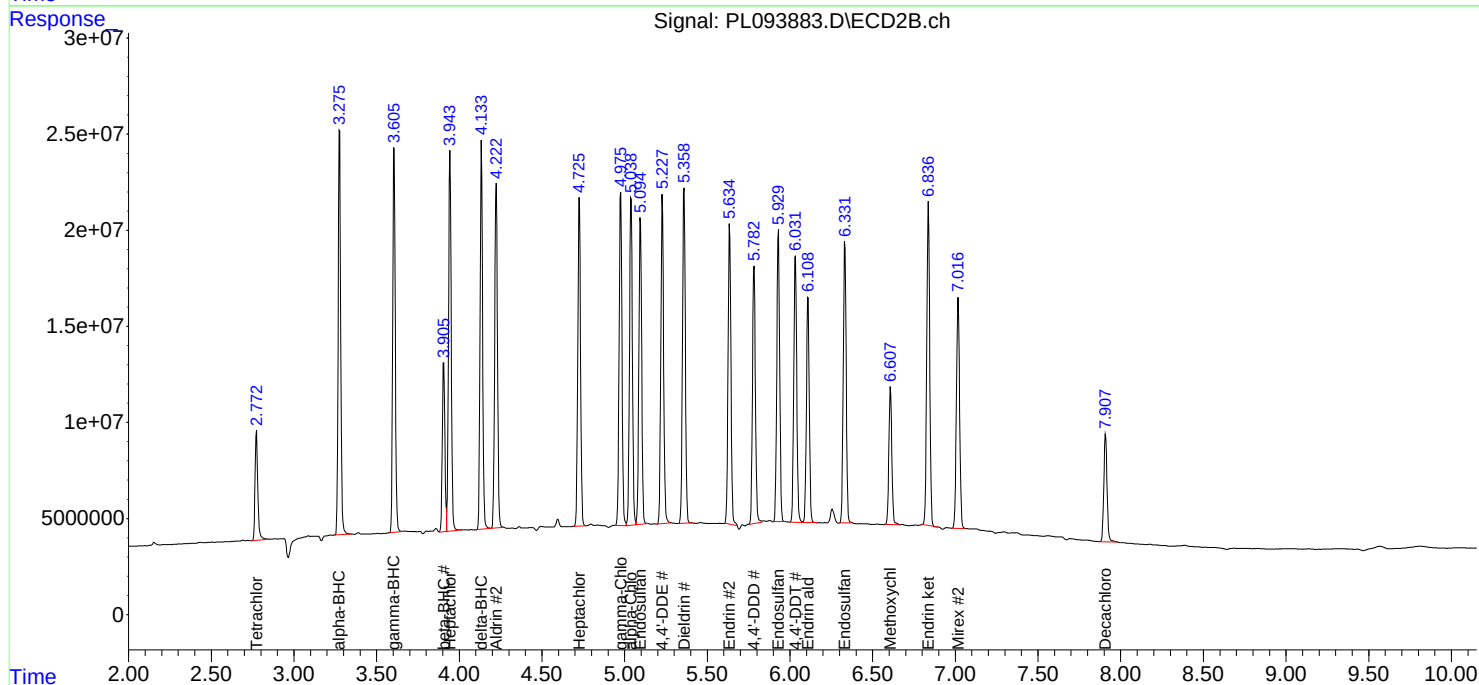
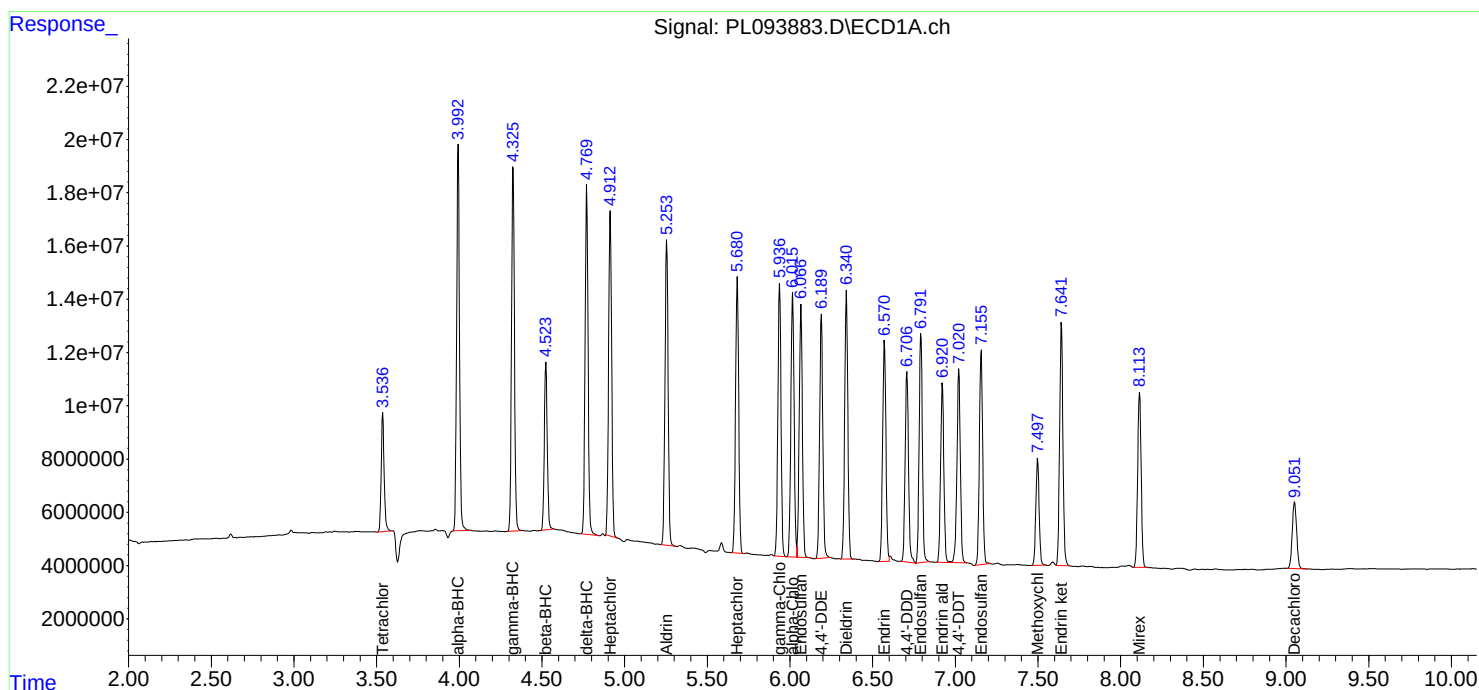
Instrument :
ECD_L
ClientSampleId :
WC-5MSD

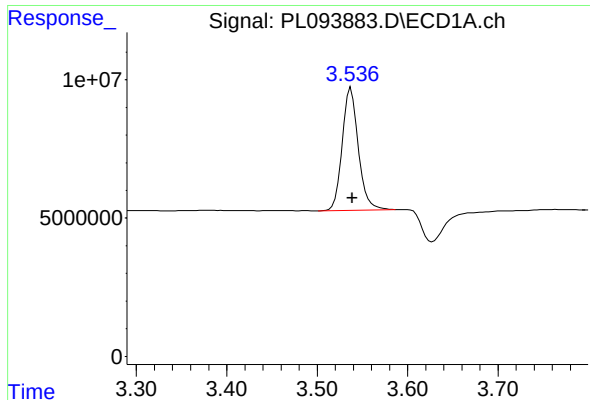
Manual Integrations
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Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 01:27:14 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





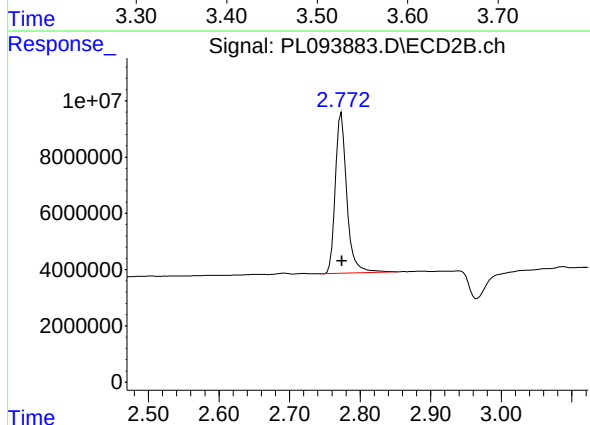
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 54999262
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

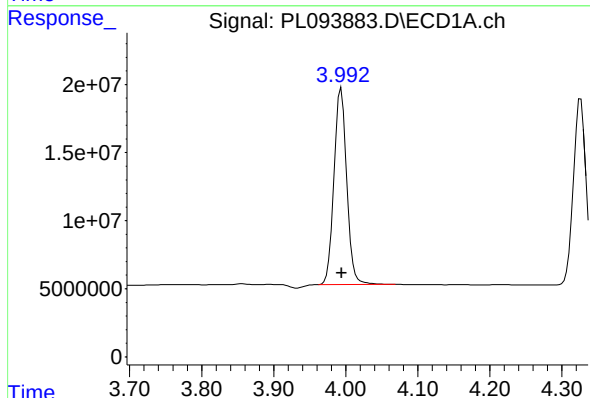
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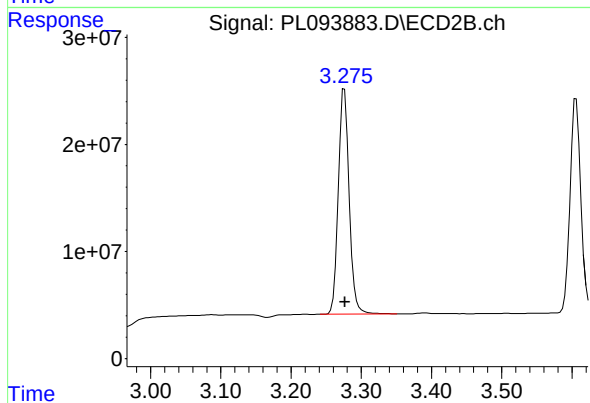
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 64582184
Conc: 19.79 ng/ml



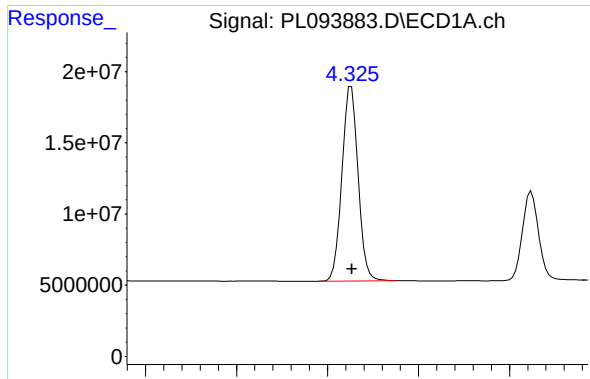
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 175854843
Conc: 45.87 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 226037333
Conc: 46.23 ng/ml



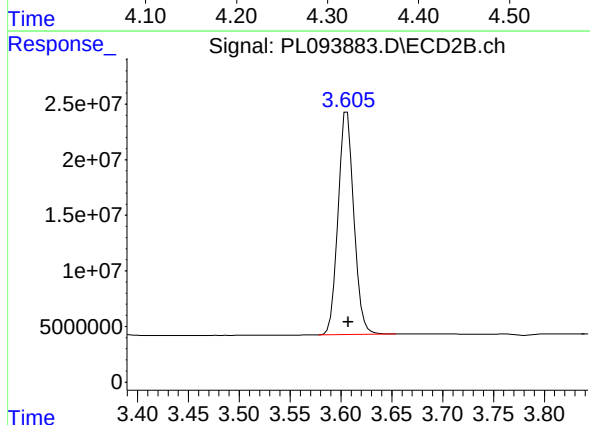
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 168596979
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

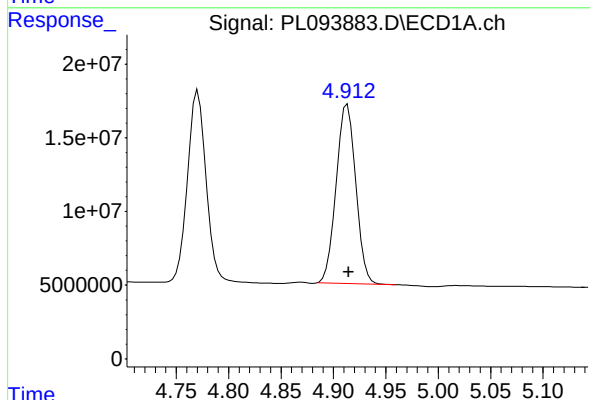
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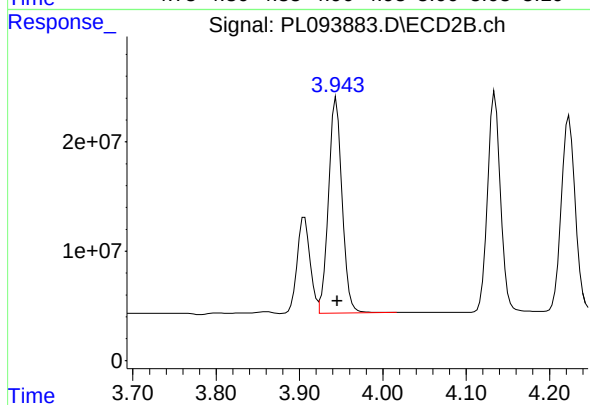
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 216215183
Conc: 45.60 ng/ml



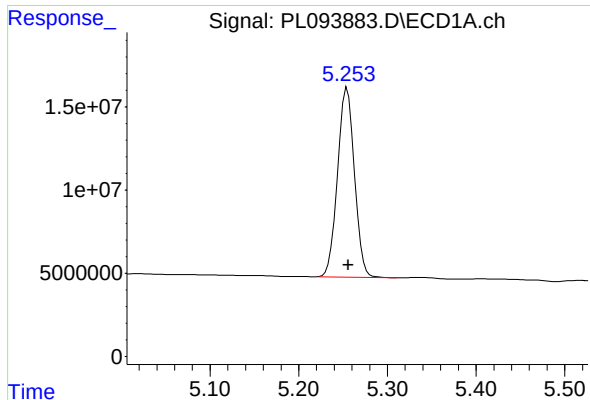
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 157481451
Conc: 48.05 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 223465387
Conc: 48.01 ng/ml



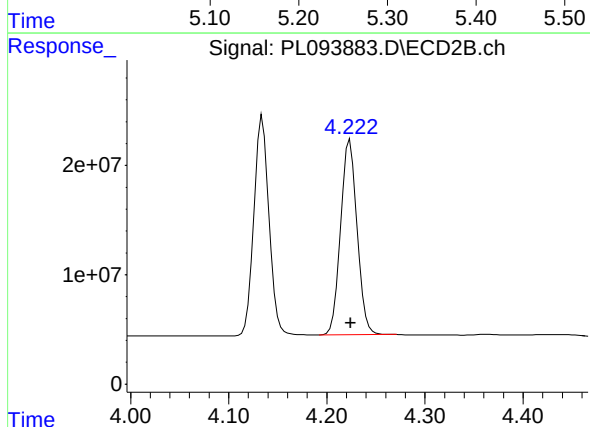
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 150633532
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

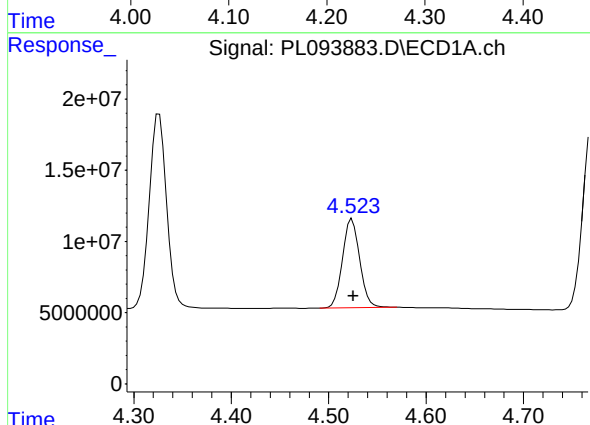
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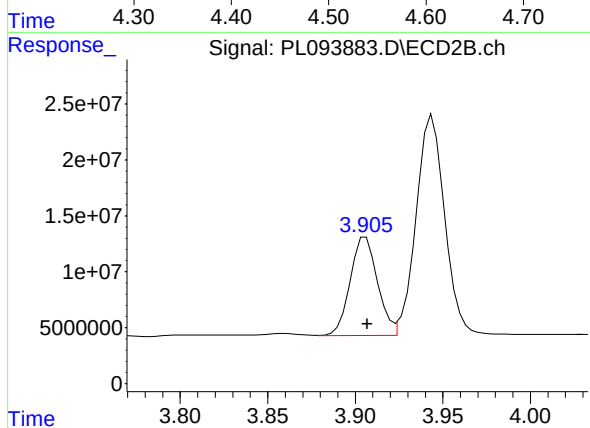
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.001 min
Response: 208636422
Conc: 45.74 ng/ml



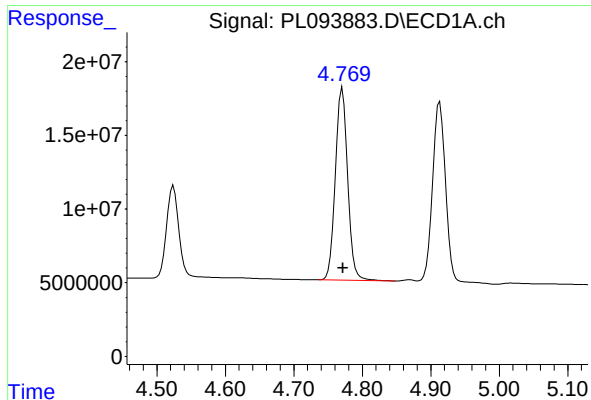
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 76757820
Conc: 47.76 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 95324032
Conc: 47.72 ng/ml



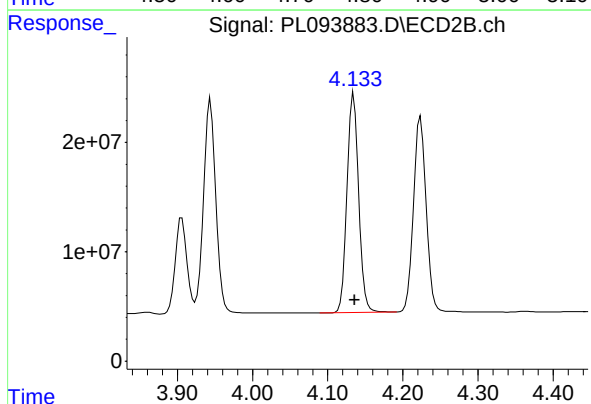
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 162481440
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

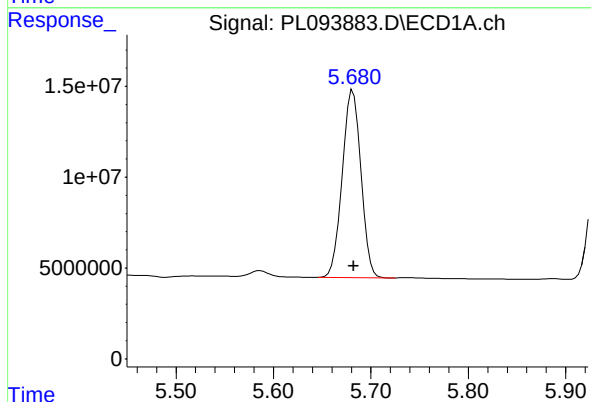
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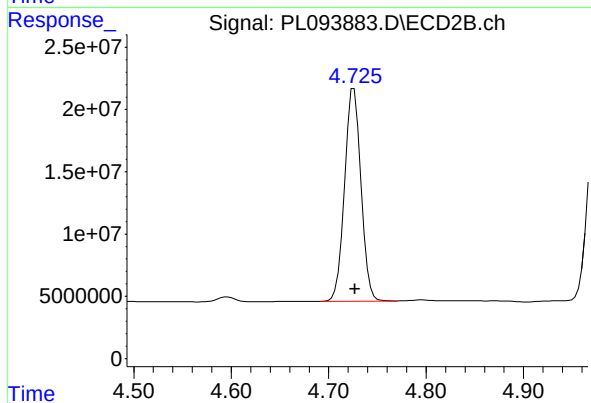
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 215950215
Conc: 45.45 ng/ml



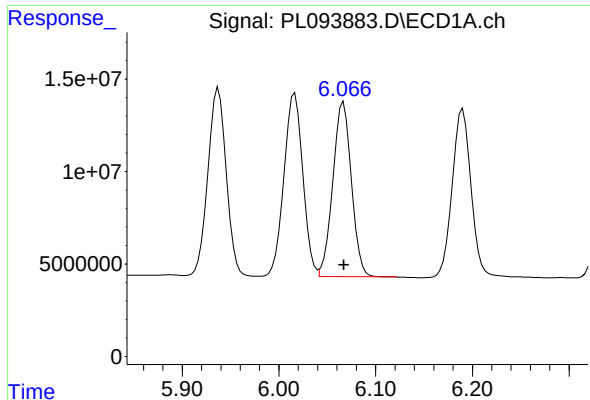
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 137440414
Conc: 46.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 199453861
Conc: 47.71 ng/ml



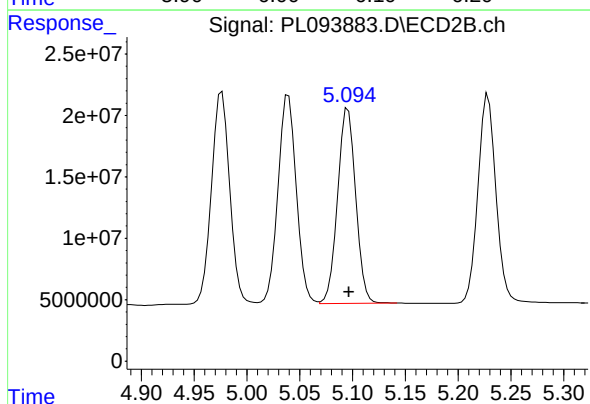
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 126425785
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

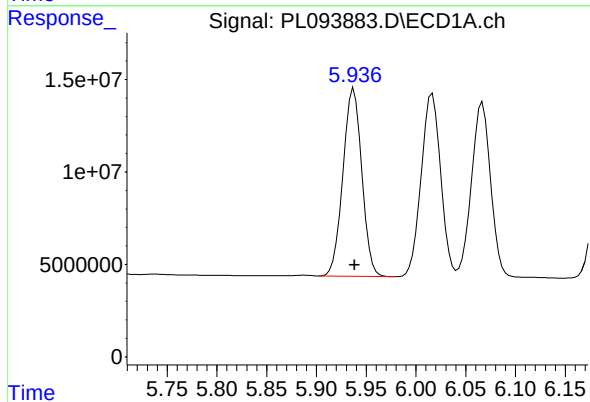
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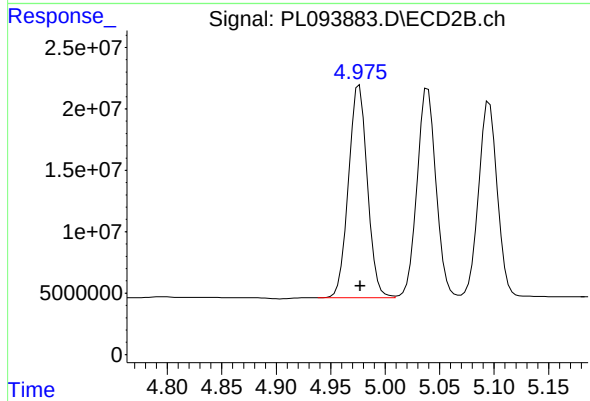
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 189778014
Conc: 48.95 ng/ml



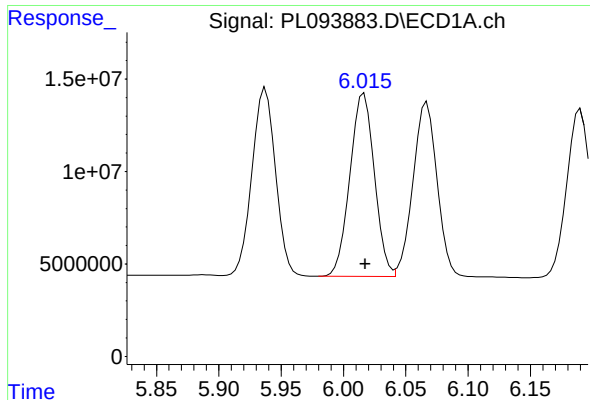
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 134495510
Conc: 48.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 208352634
Conc: 49.17 ng/ml m



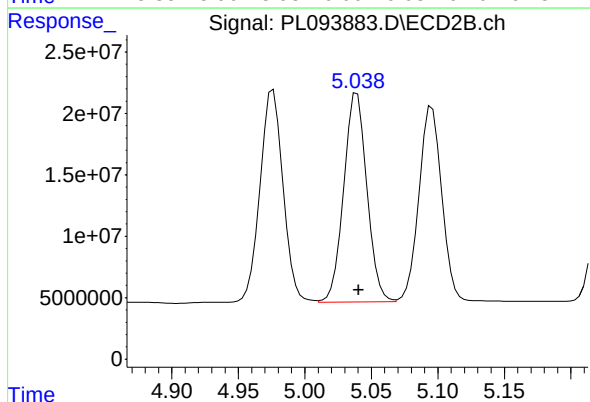
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 135251166
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

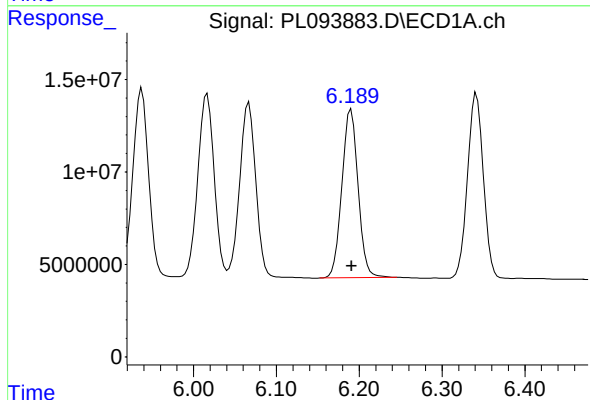
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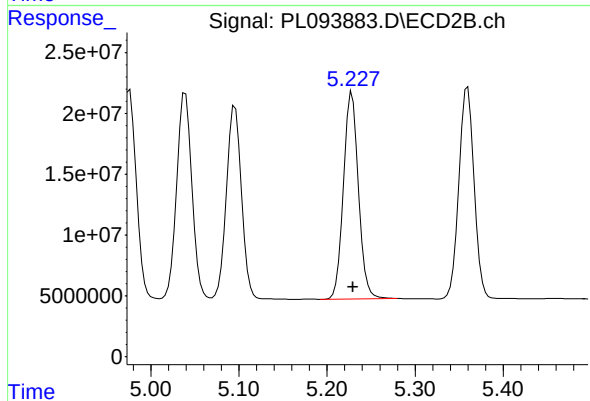
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 206403765
Conc: 49.30 ng/ml



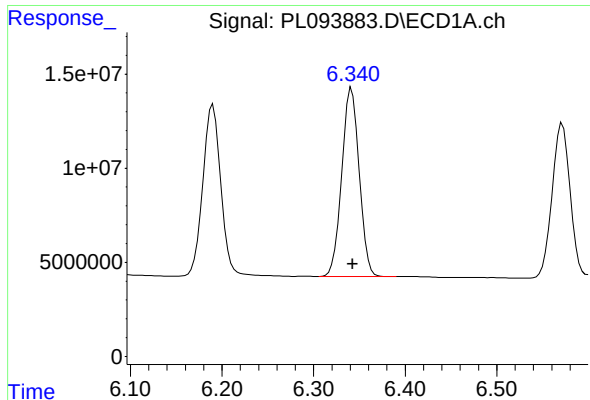
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 123894767
Conc: 50.89 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 201073040
Conc: 50.15 ng/ml



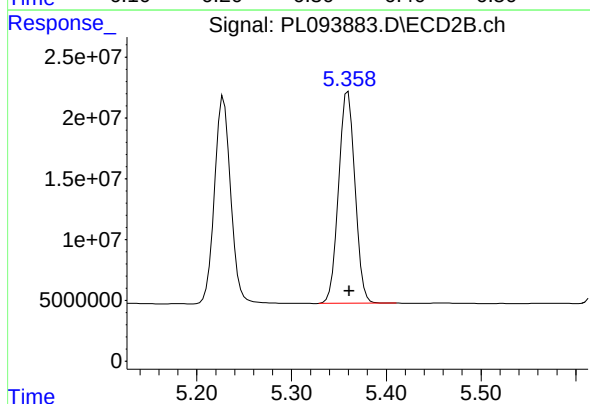
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 132773100
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

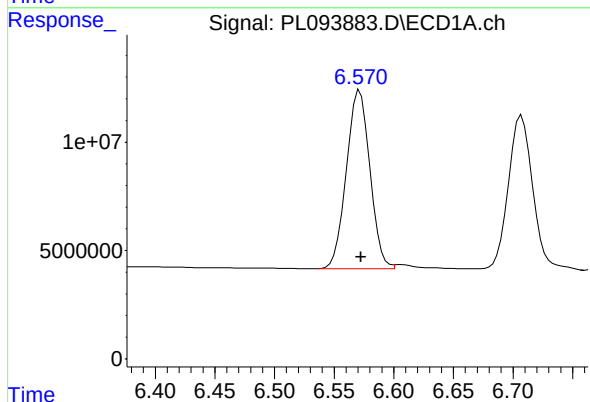
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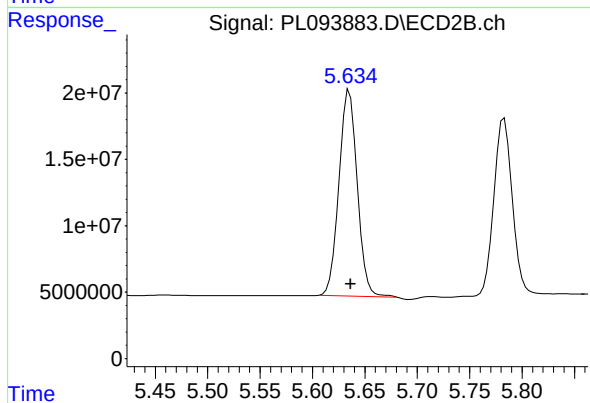
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 208600280
Conc: 48.56 ng/ml



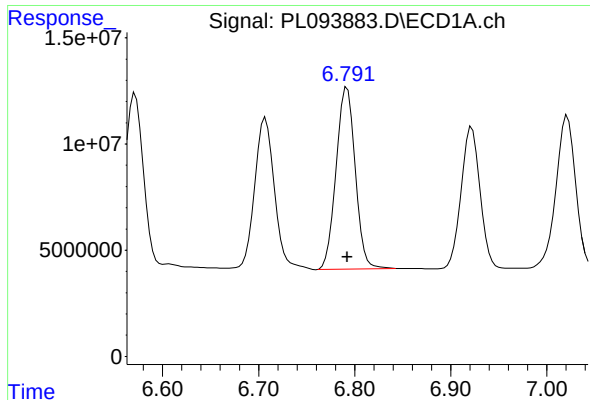
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 113517734
Conc: 48.41 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 188455098
Conc: 51.03 ng/ml



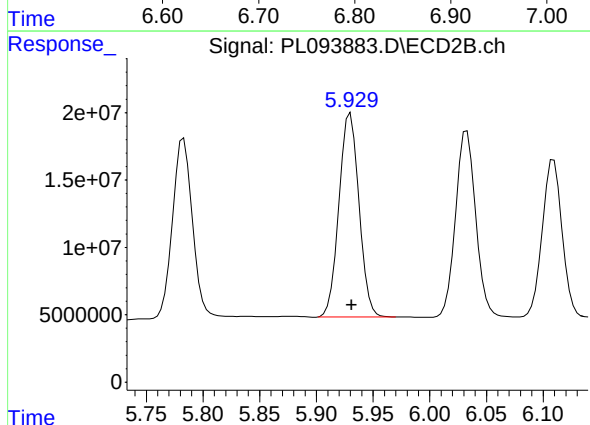
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 117131603
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

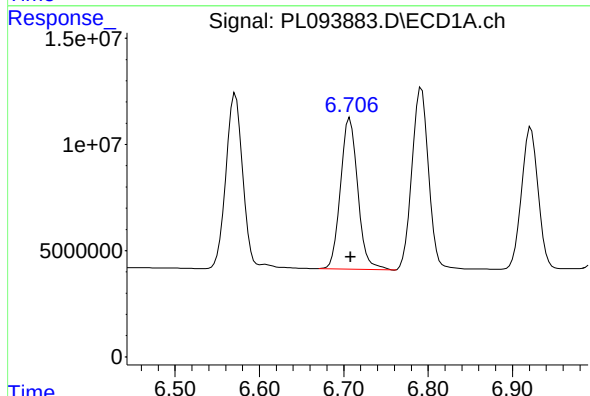
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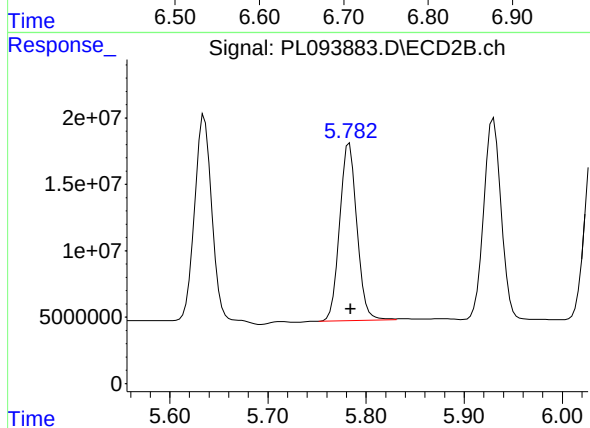
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 185521824
Conc: 50.09 ng/ml



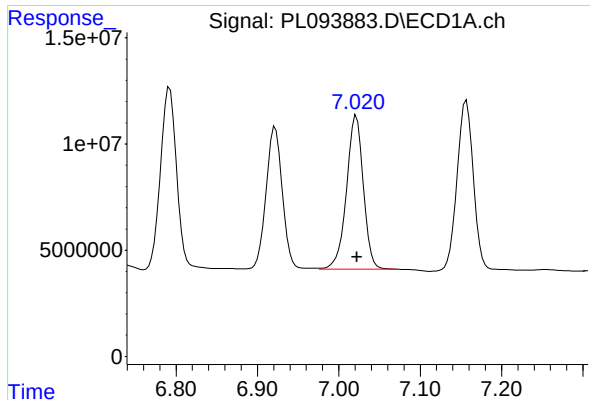
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 101152425
Conc: 53.22 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 163338874
Conc: 51.75 ng/ml



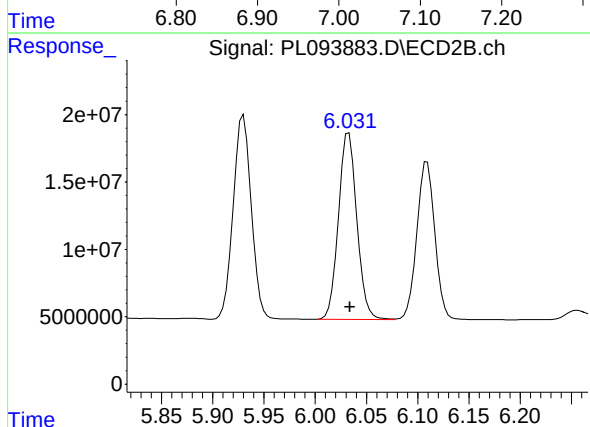
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 104237007
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

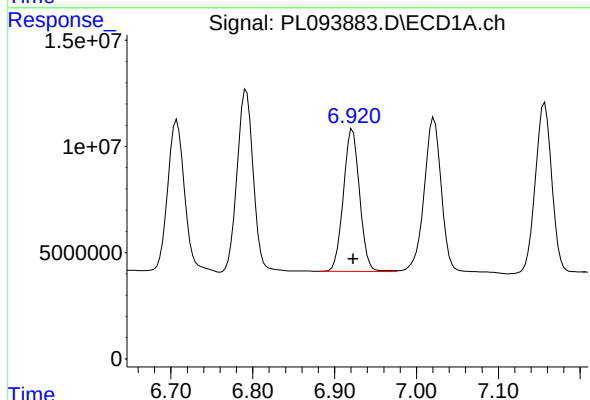
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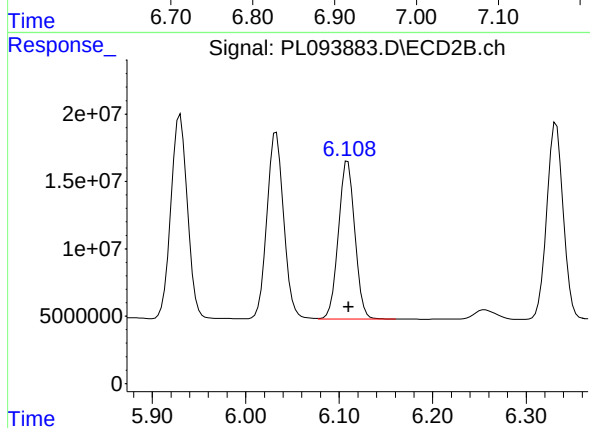
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 172130485
Conc: 52.90 ng/ml



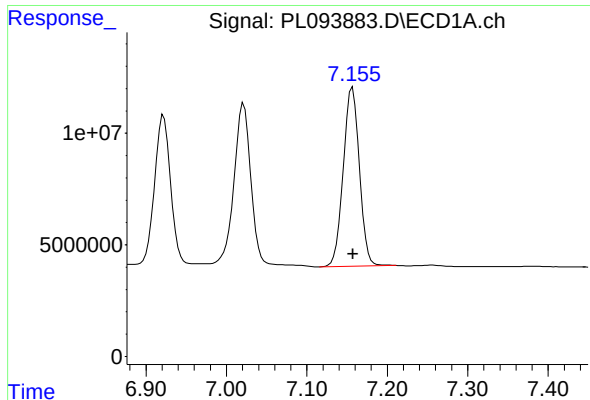
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 92492392
Conc: 47.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 142948849
Conc: 46.95 ng/ml



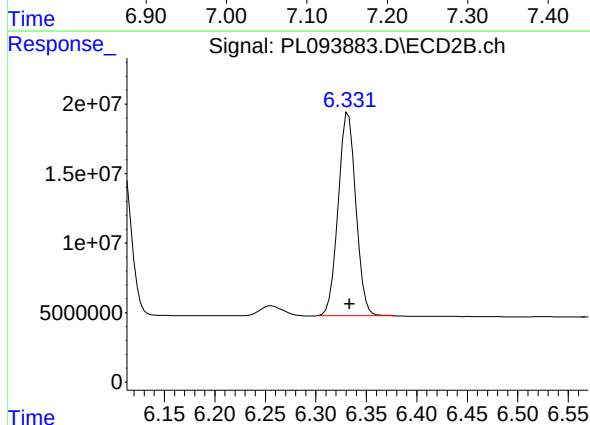
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 112176432
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

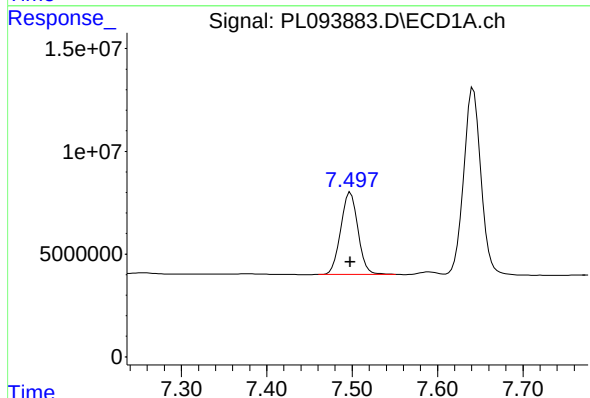
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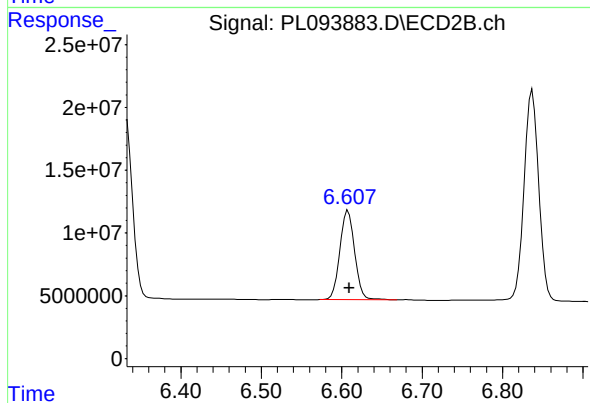
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 178368151
Conc: 50.02 ng/ml



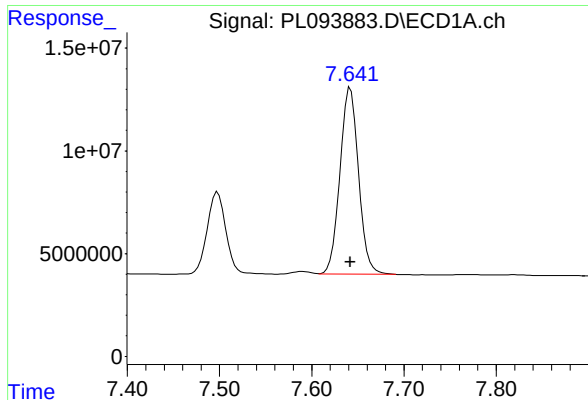
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 55864365
Conc: 53.54 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 90999655
Conc: 50.89 ng/ml



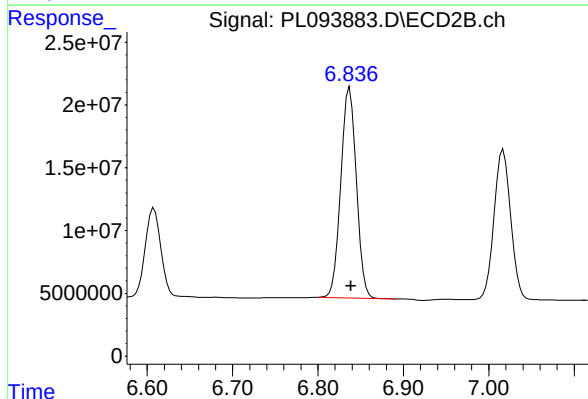
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 126924409
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

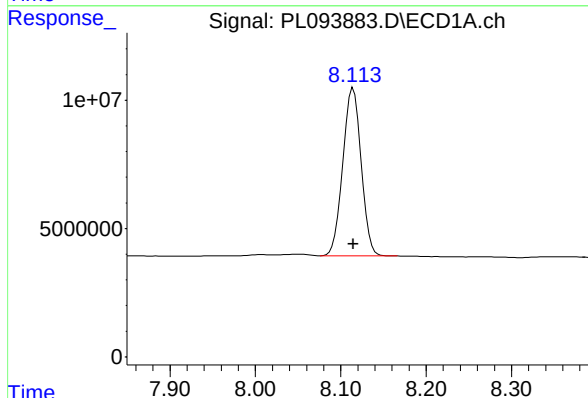
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



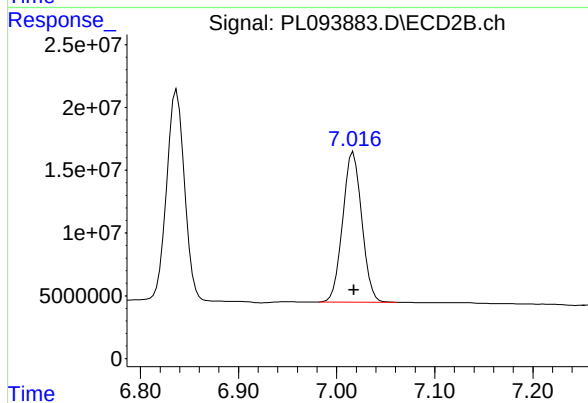
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 210916603
Conc: 50.28 ng/ml



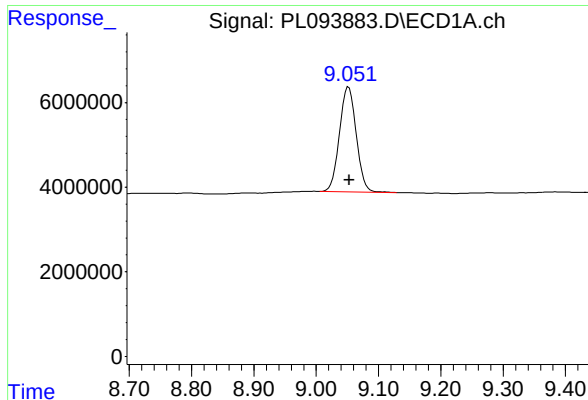
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 97713199
Conc: 46.92 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 161801923
Conc: 47.84 ng/ml



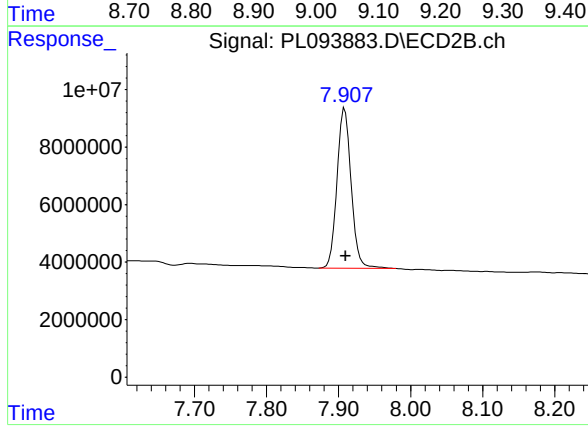
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 46358504
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

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#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 75527682
Conc: 21.55 ng/ml