

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
 Data File : PL094481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2025 15:50
 Operator : AR\AJ
 Sample : Q1475-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-04-02282025MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/05/2025
 Supervised By : Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 01:30:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.542	2.769	5536870	6671436	2.181m	2.091m
2)	SA Decachlor...	9.059	7.906	4457618	7627033	2.095m	1.983m
Target Compounds							
2)	A alpha-BHC	3.999	3.273	19284464	21071369	5.098	4.287
3)	MA gamma-BHC...	4.331	3.603	20790911	20963585	5.627m	4.451
4)	MA Heptachlor	4.921	3.940	19527099	22219089	5.760	4.707m
5)	MB Aldrin	5.262	4.220	18813593	21499139	5.482	4.653
6)	B beta-BHC	4.532	3.902	7591899	10746043	4.754m	5.403m
7)	B delta-BHC	4.778	4.131	20909384	22078804	5.909	4.662m
8)	B Heptachlo...	5.689	4.724	16727528	19242379	5.551	4.522
9)	A Endosulfan I	6.072	5.094	16164735	12403876	5.881m	3.111m#
10)	B gamma-Chl...	5.943	4.972	23243704	21110690	7.916m	4.866m#
11)	B alpha-Chl...	6.022	5.036	16878293	20441647	5.826m	4.734m
12)	B 4,4'-DDE	6.196	5.224	10925743	19882438	4.183m	4.734m
13)	MA Dieldrin	6.348	5.356	15329315	20704356	5.381m	4.725m
14)	MA Endrin	6.578	5.633	12745993	20249764	4.994m	5.948
15)	B Endosulfa...	6.799	5.927	13975634	18912214	5.552	5.057m
16)	A 4,4'-DDD	6.714	5.781	11662868	16862688	6.305m	5.294
17)	MA 4,4'-DDT	7.029	6.030	12018570	17636162	5.723	4.958m
18)	B Endrin al...	6.928	6.108	10880842	15565183	5.589m	4.925
19)	B Endosulfa...	7.164	6.331	13749977	17350841	6.074	4.697
20)	A Methoxychlor	7.504	6.606	7266500	9200715	6.540m	4.716m#
21)	B Endrin ke...	7.647	6.834	14989072	21825779	5.979m	5.114m
22)	Mirex	8.121	7.016	10643348	16955841	5.158	4.863

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
Data File : PL094481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2025 15:50
Operator : AR\AJ
Sample : Q1475-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

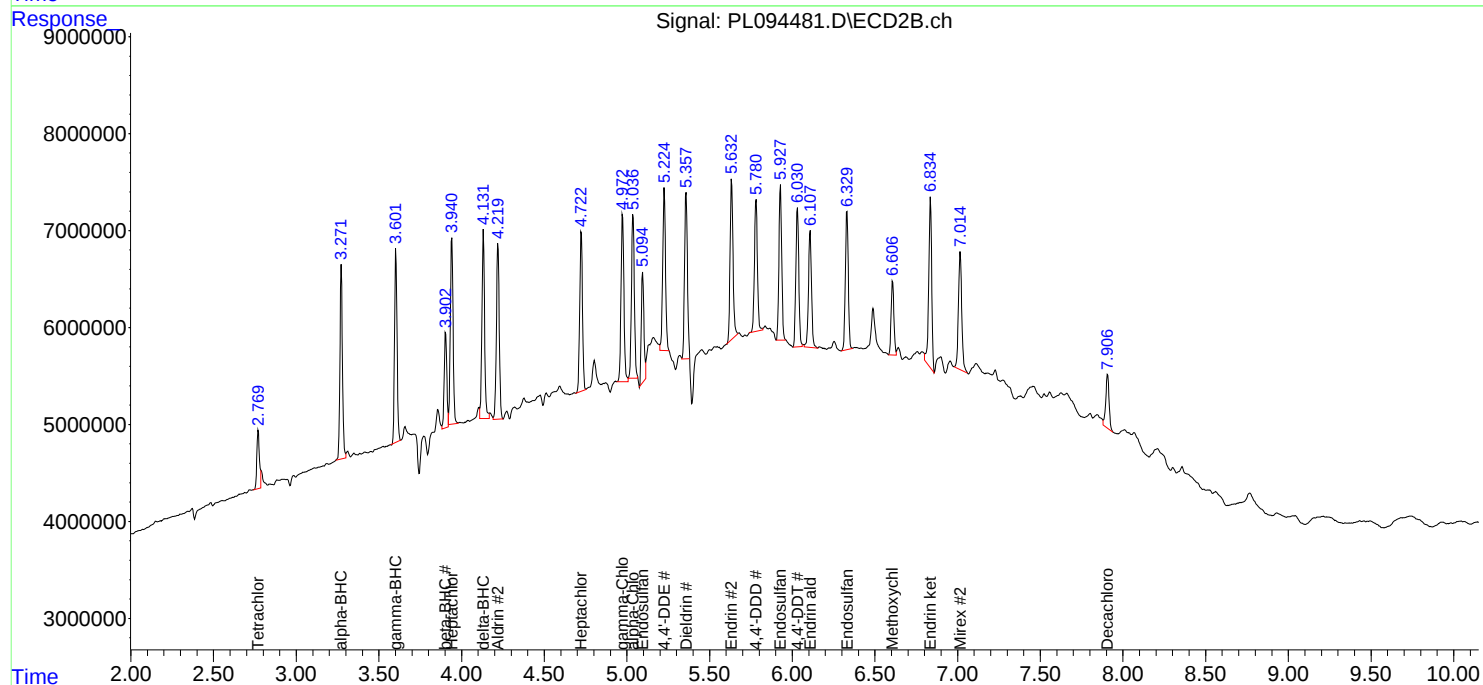
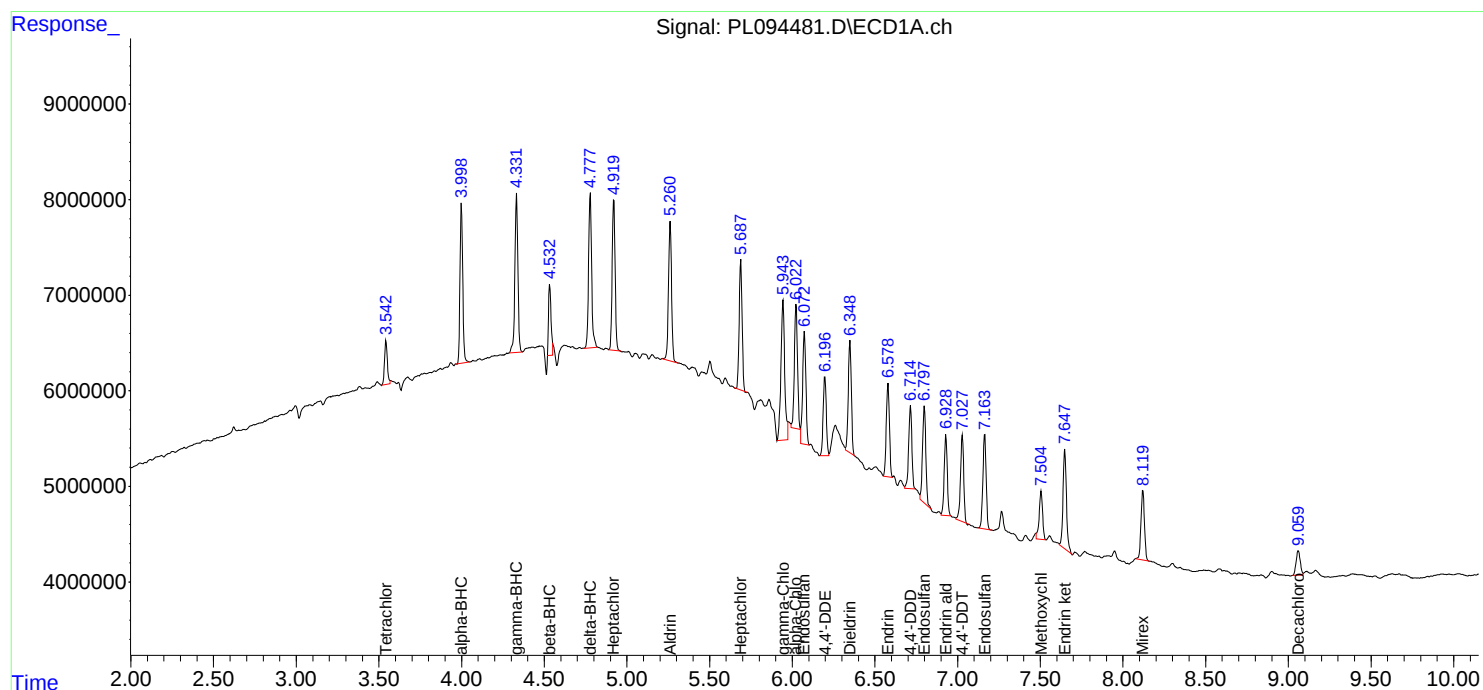
Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

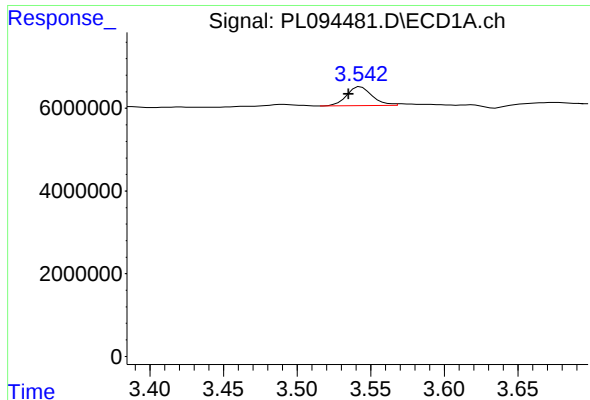
Manual Integrations
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Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 01:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





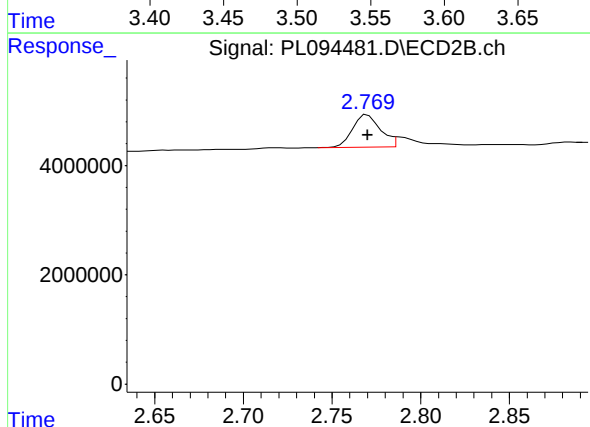
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.007 min
Response: 5536870
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

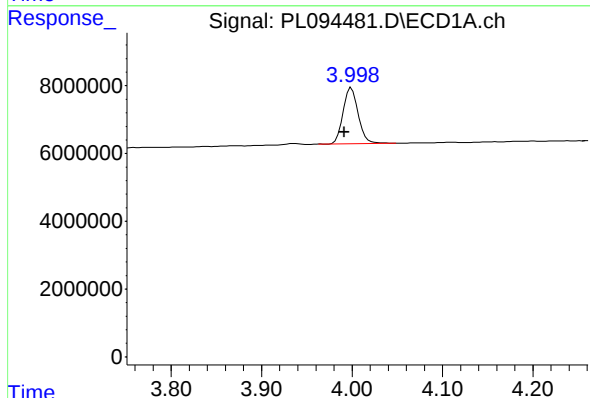
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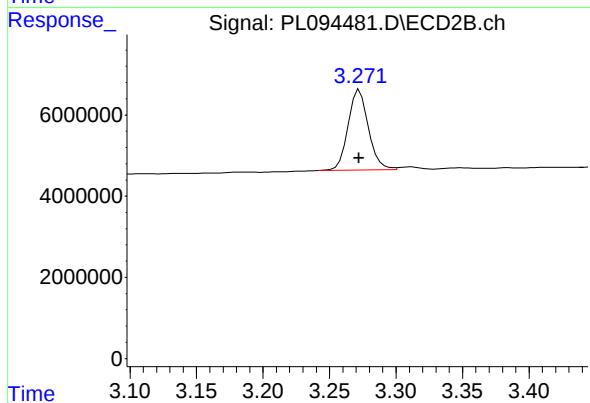
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.001 min
Response: 6671436
Conc: 2.09 ng/ml



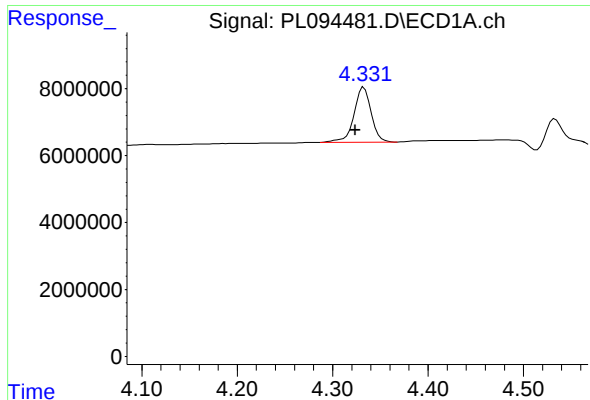
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 19284464
Conc: 5.10 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 21071369
Conc: 4.29 ng/ml



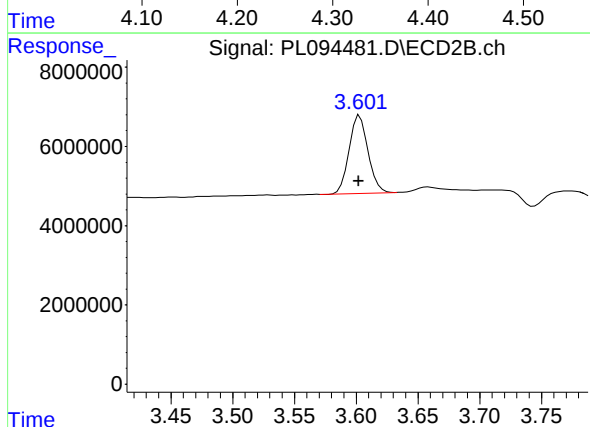
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.008 min
Response: 20790911
Conc: 5.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

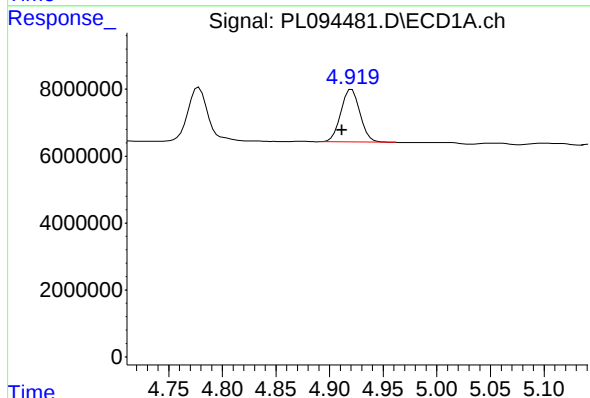
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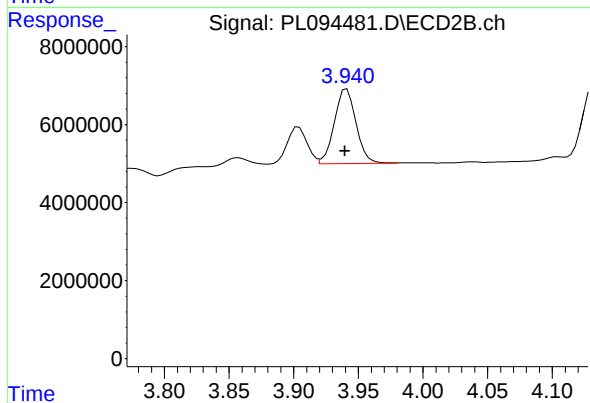
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 20963585
Conc: 4.45 ng/ml



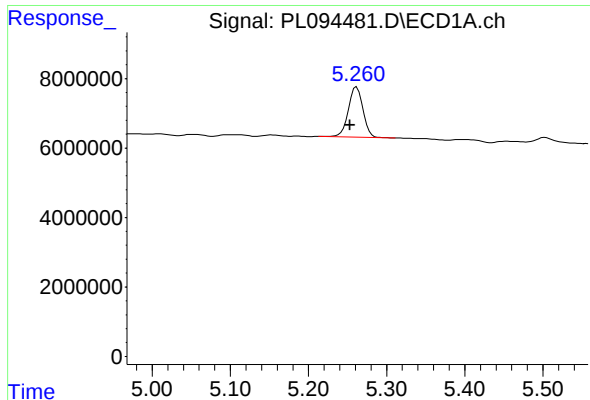
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.009 min
Response: 19527099
Conc: 5.76 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 22219089
Conc: 4.71 ng/ml m



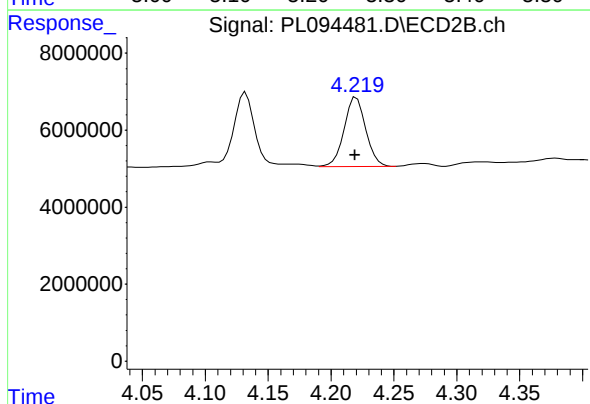
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.009 min
Response: 18813593
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

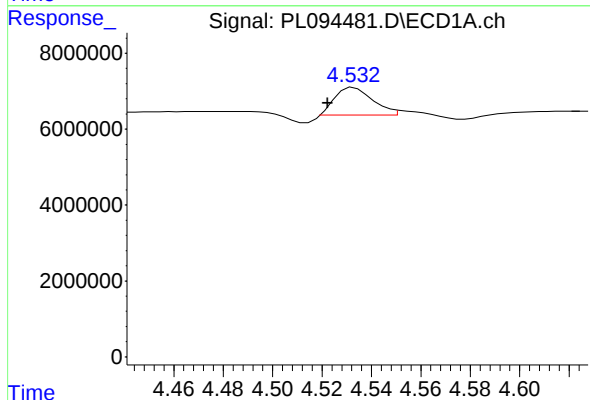
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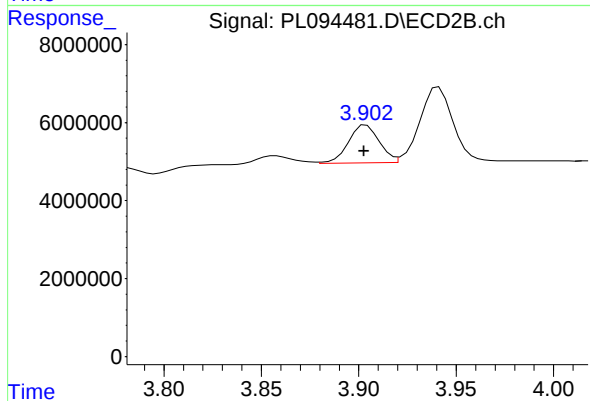
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.001 min
Response: 21499139
Conc: 4.65 ng/ml



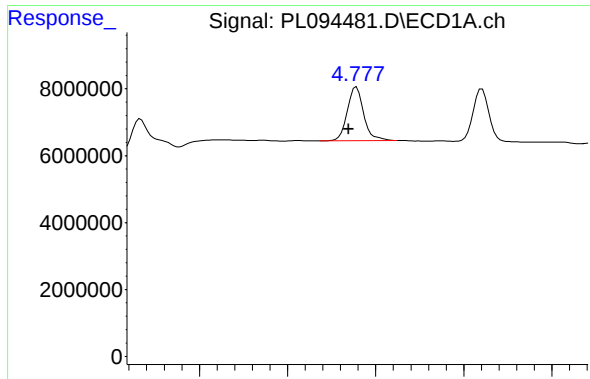
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.009 min
Response: 7591899
Conc: 4.75 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 10746043
Conc: 5.40 ng/ml m



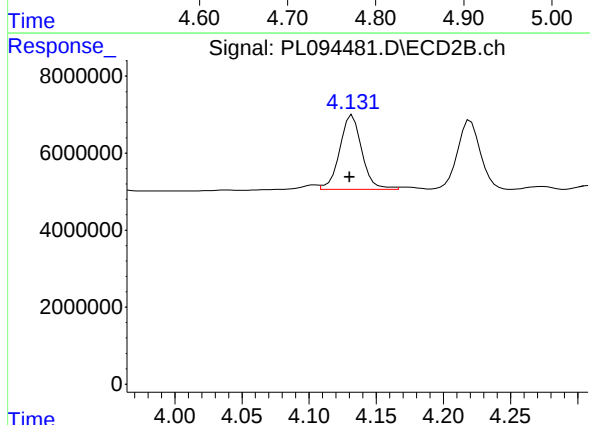
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.009 min
Response: 20909384
Conc: 5.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

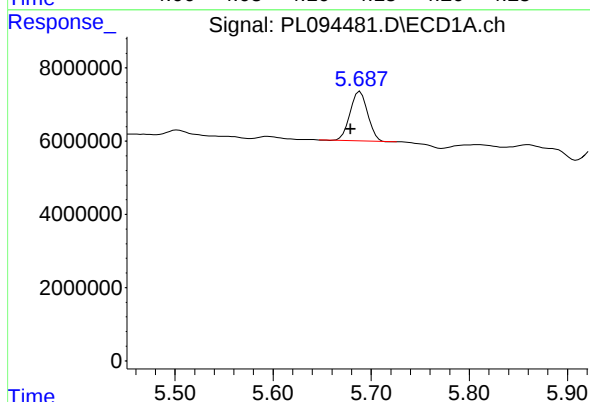
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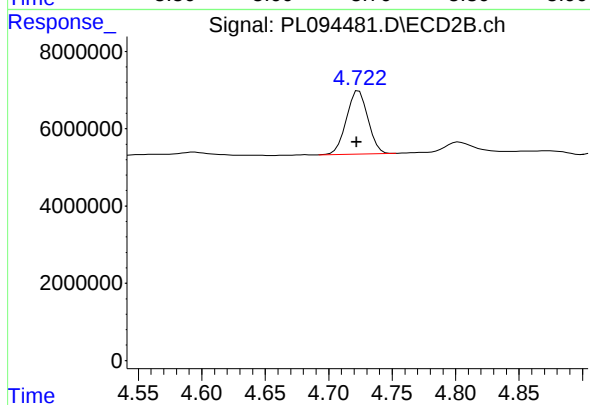
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: 0.000 min
Response: 22078804
Conc: 4.66 ng/ml m



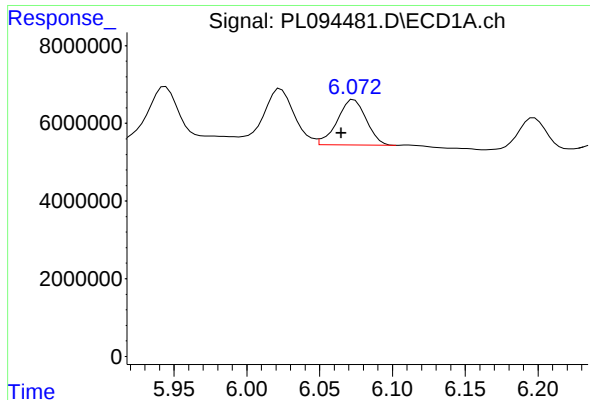
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.009 min
Response: 16727528
Conc: 5.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 19242379
Conc: 4.52 ng/ml



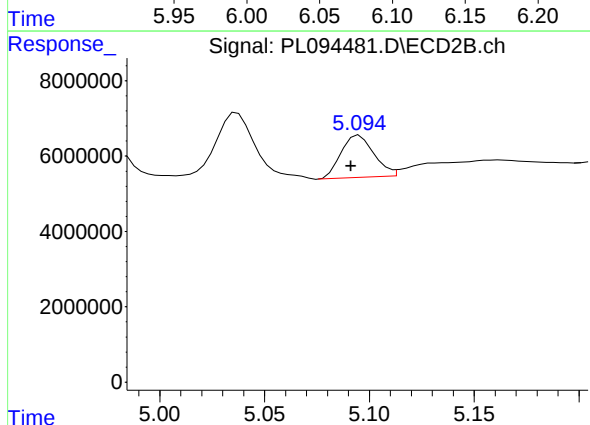
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.007 min
Response: 16164735
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

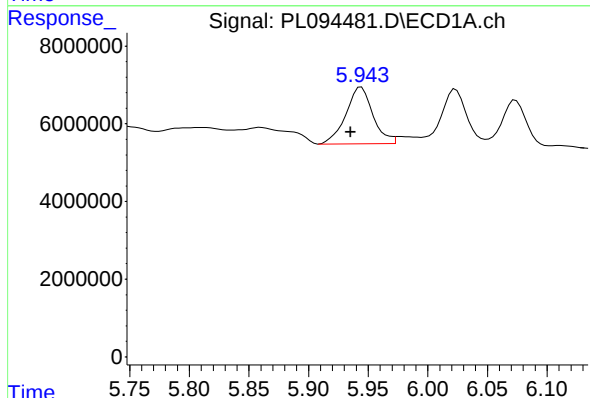
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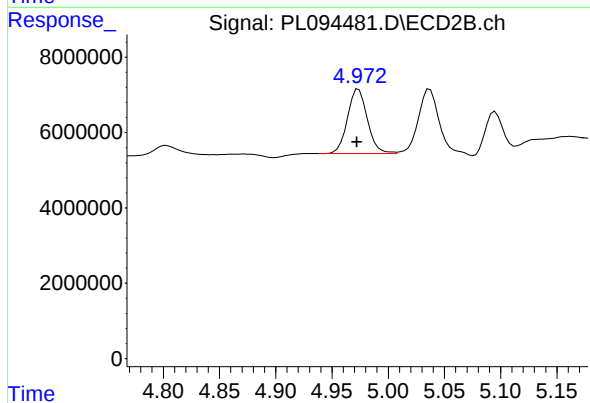
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 12403876
Conc: 3.11 ng/ml m



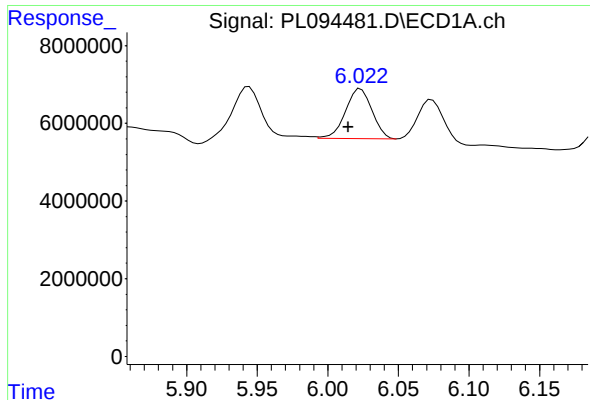
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.008 min
Response: 23243704
Conc: 7.92 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 21110690
Conc: 4.87 ng/ml m



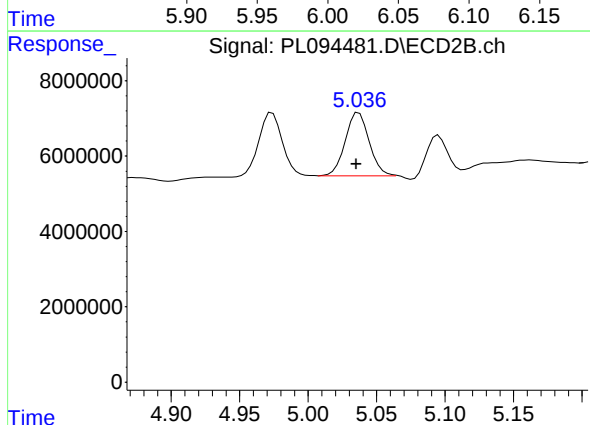
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.007 min
Response: 16878293
Conc: 5.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

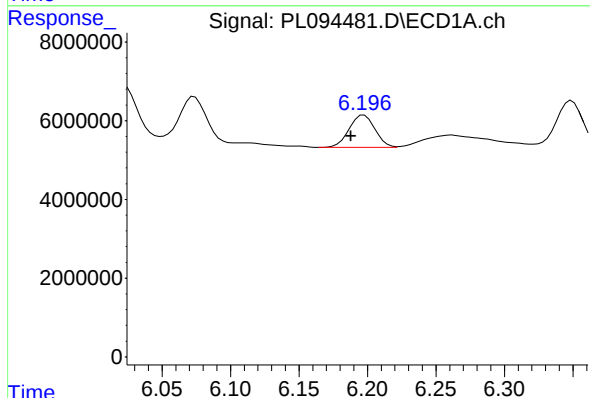
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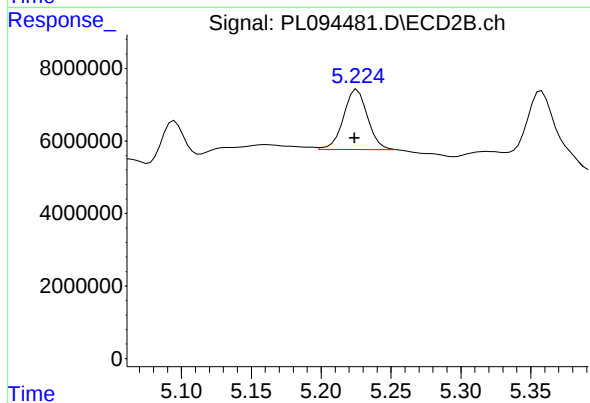
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 20441647
Conc: 4.73 ng/ml m



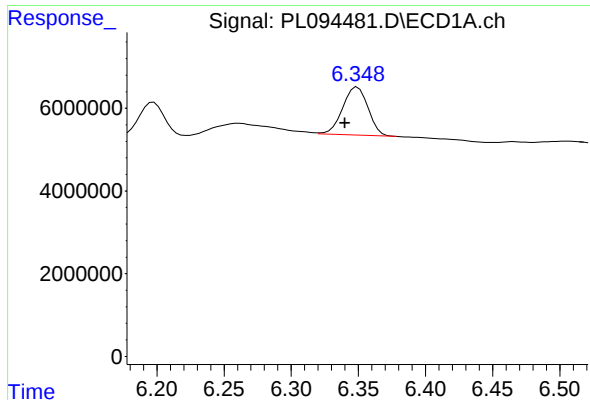
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.008 min
Response: 10925743
Conc: 4.18 ng/ml m



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 19882438
Conc: 4.73 ng/ml m



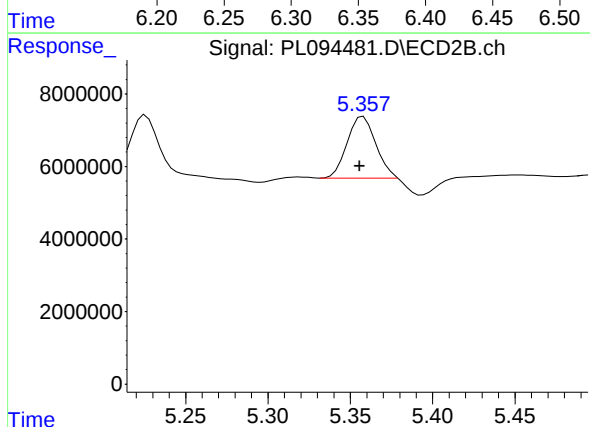
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.008 min
Response: 15329315
Conc: 5.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

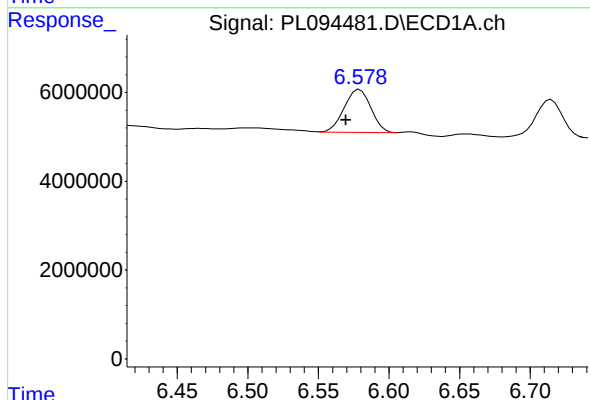
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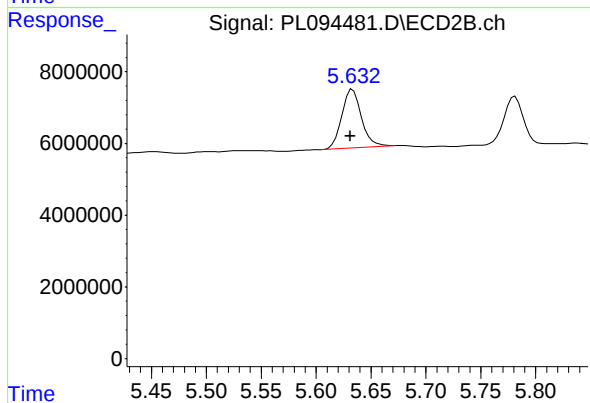
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 20704356
Conc: 4.73 ng/ml m



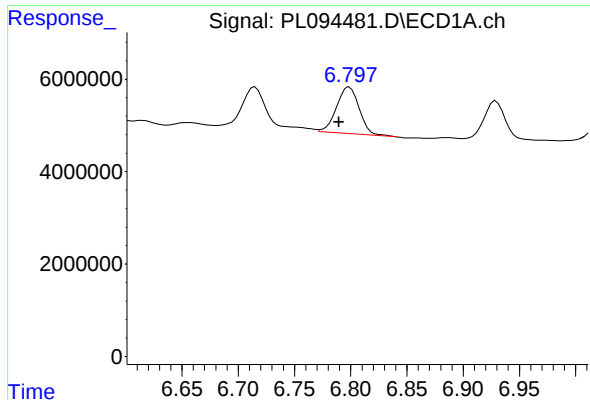
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.008 min
Response: 12745993
Conc: 4.99 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 20249764
Conc: 5.95 ng/ml



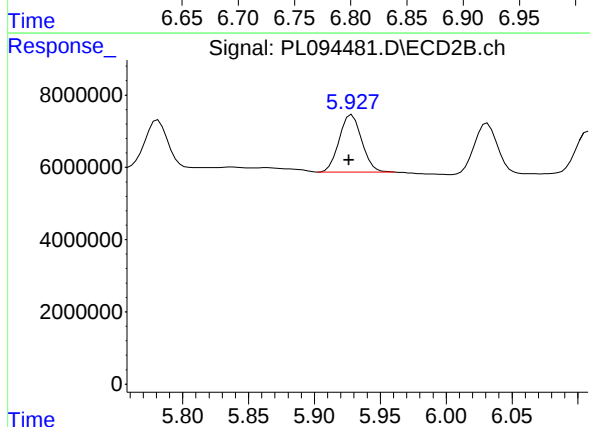
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.009 min
Response: 13975634
Conc: 5.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

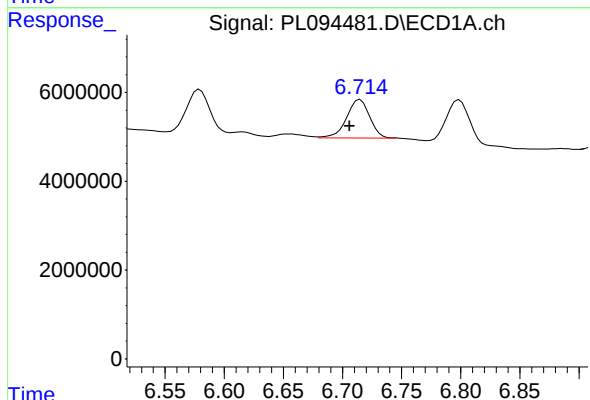
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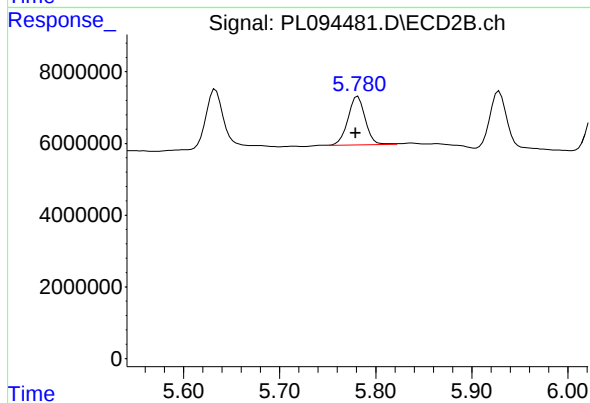
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.001 min
Response: 18912214
Conc: 5.06 ng/ml m



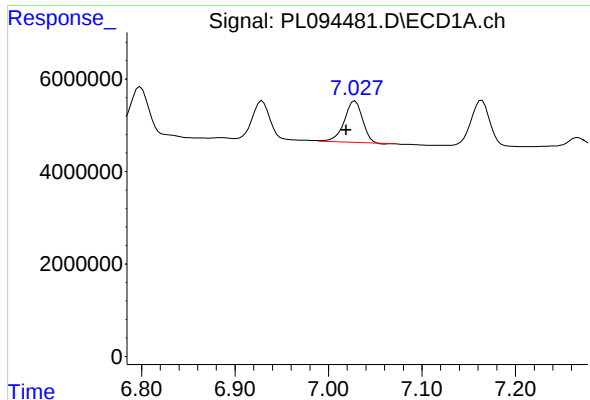
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.007 min
Response: 11662868
Conc: 6.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 16862688
Conc: 5.29 ng/ml



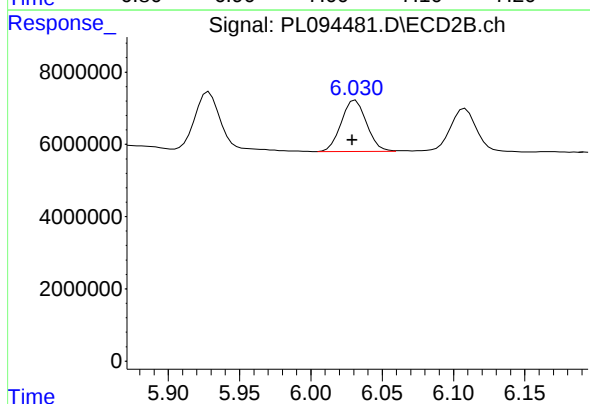
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.010 min
Response: 12018570
Conc: 5.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

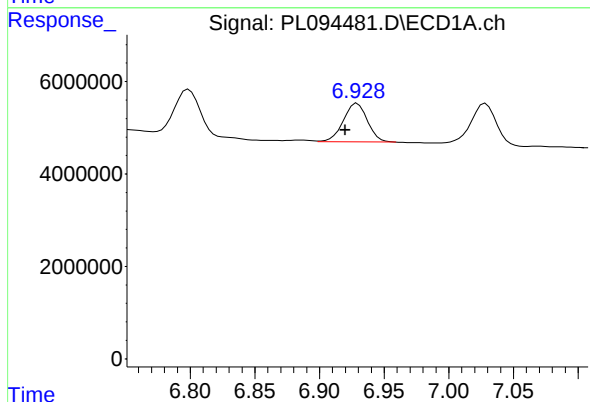
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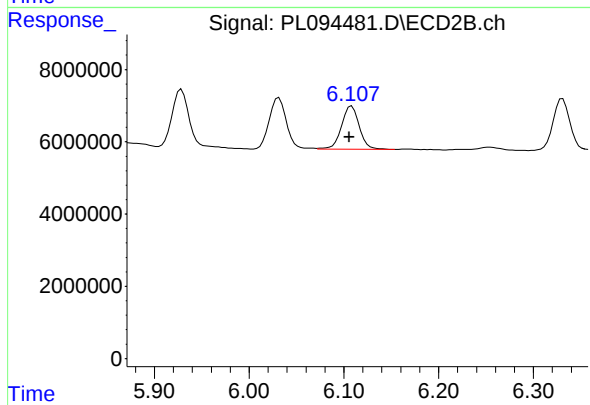
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 17636162
Conc: 4.96 ng/ml m



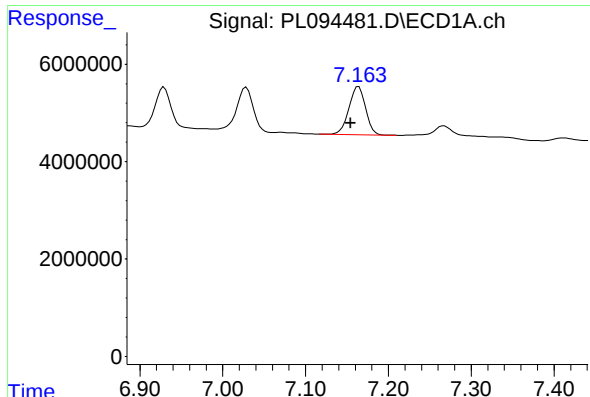
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.008 min
Response: 10880842
Conc: 5.59 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 15565183
Conc: 4.93 ng/ml



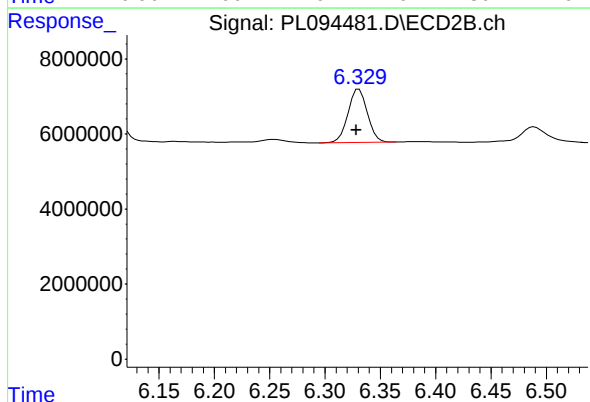
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.010 min
Response: 13749977
Conc: 6.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

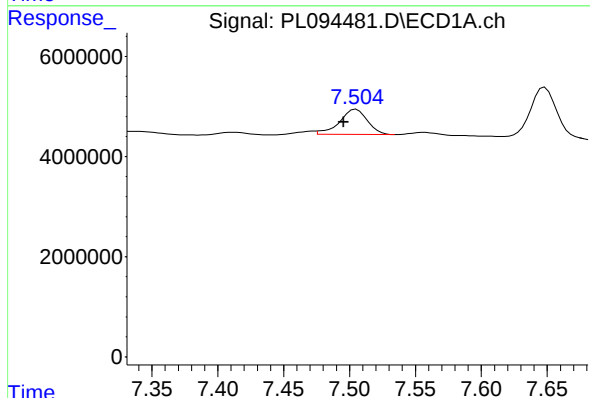
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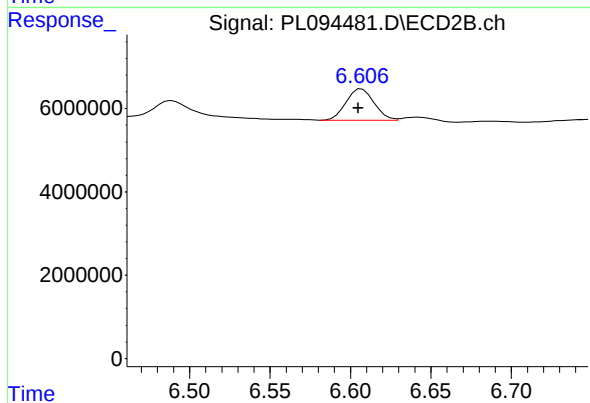
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 17350841
Conc: 4.70 ng/ml



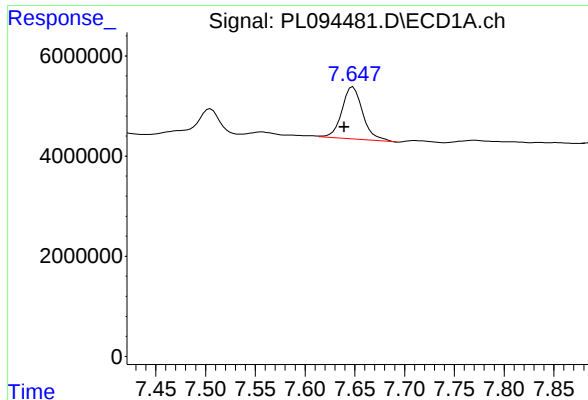
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.008 min
Response: 7266500
Conc: 6.54 ng/ml m



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 9200715
Conc: 4.72 ng/ml m



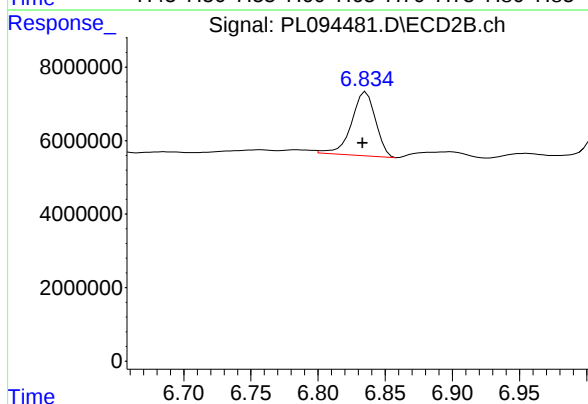
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.007 min
Response: 14989072
Conc: 5.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

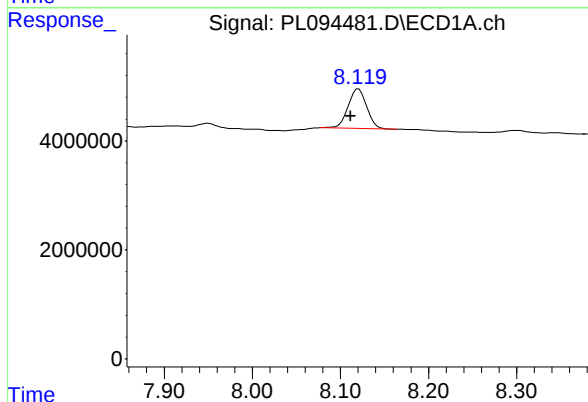
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



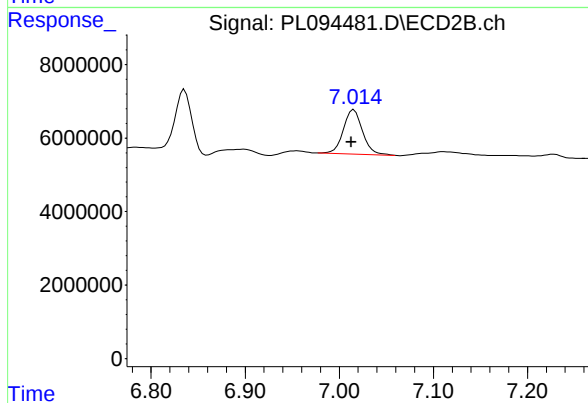
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.001 min
Response: 21825779
Conc: 5.11 ng/ml m



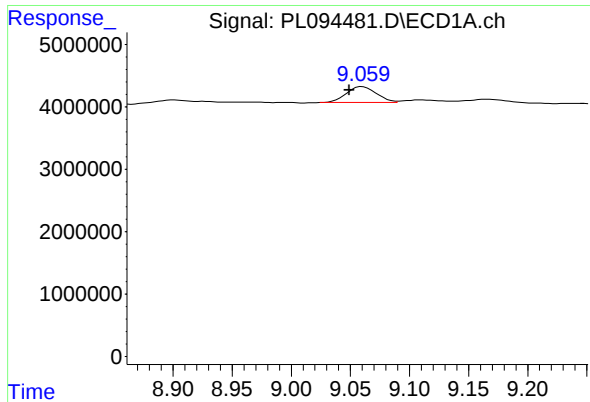
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.009 min
Response: 10643348
Conc: 5.16 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.003 min
Response: 16955841
Conc: 4.86 ng/ml



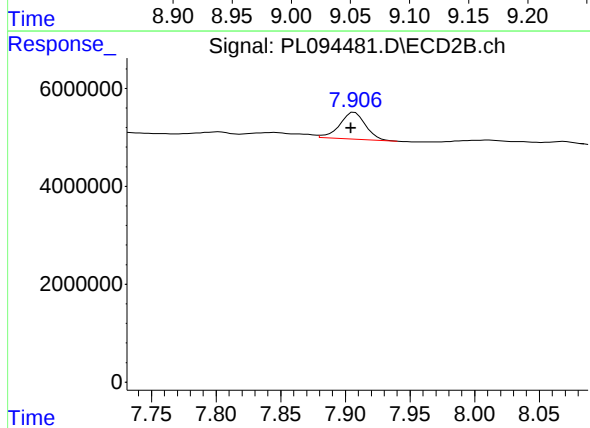
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.010 min
Response: 4457618
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-02282025MSD

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.001 min
Response: 7627033
Conc: 1.98 ng/ml m