

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
 Data File : PL095827.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 14:27
 Operator : AR\AJ
 Sample : Q2136-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-646-COMP-52MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 00:53:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.885	50849904	62586405	16.116m	15.991
28)	SA Decachlor...	9.100	8.061	35199100	66986091	14.938	15.313
Target Compounds							
2)	A alpha-BHC	4.024	3.395	210.9E6	262.0E6	43.494	44.738
3)	MA gamma-BHC...	4.356	3.729	194.8E6	248.9E6	43.551	44.441
4)	MA Heptachlor	4.953	4.082	165.2E6	245.1E6	43.636	43.697
5)	MB Aldrin	5.296	4.367	189.2E6	237.9E6	44.235	44.821
6)	B beta-BHC	4.543	4.025	86318589	105.4E6	43.786	42.555
7)	B delta-BHC	4.791	4.260	195.7E6	252.3E6	44.139	44.667
8)	B Heptachlo...	5.717	4.869	170.0E6	222.3E6	44.533	45.023
9)	A Endosulfan I	6.100	5.241	161.5E6	215.7E6	44.068	45.272
10)	B gamma-Chl...	5.972	5.121	173.6E6	235.8E6	44.598	44.883
11)	B alpha-Chl...	6.053	5.186	173.0E6	235.0E6	43.806	45.177
12)	B 4,4'-DDE	6.223	5.372	163.8E6	235.4E6	44.655	43.903
13)	MA Dieldrin	6.374	5.506	173.0E6	236.3E6	44.829	44.577
14)	MA Endrin	6.601	5.780	139.4E6	212.5E6	43.190	43.570
15)	B Endosulfa...	6.814	6.071	146.0E6	212.3E6	42.374	44.683
16)	A 4,4'-DDD	6.733	5.924	133.6E6	196.3E6	45.597	44.766
17)	MA 4,4'-DDT	7.048	6.177	114.5E6	201.6E6	42.333	42.158
18)	B Endrin al...	6.943	6.248	108.6E6	155.0E6	44.904	44.876
19)	B Endosulfa...	7.176	6.472	130.8E6	200.3E6	43.784	44.561
20)	A Methoxychlor	7.521	6.748	56058943	110.1E6	43.957	42.079
21)	B Endrin ke...	7.658	6.977	140.6E6	240.8E6	44.393	46.551
22)	Mirex	8.139	7.171	104.2E6	187.1E6	45.027	46.076

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
Data File : PL095827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 14:27
Operator : AR\AJ
Sample : Q2136-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

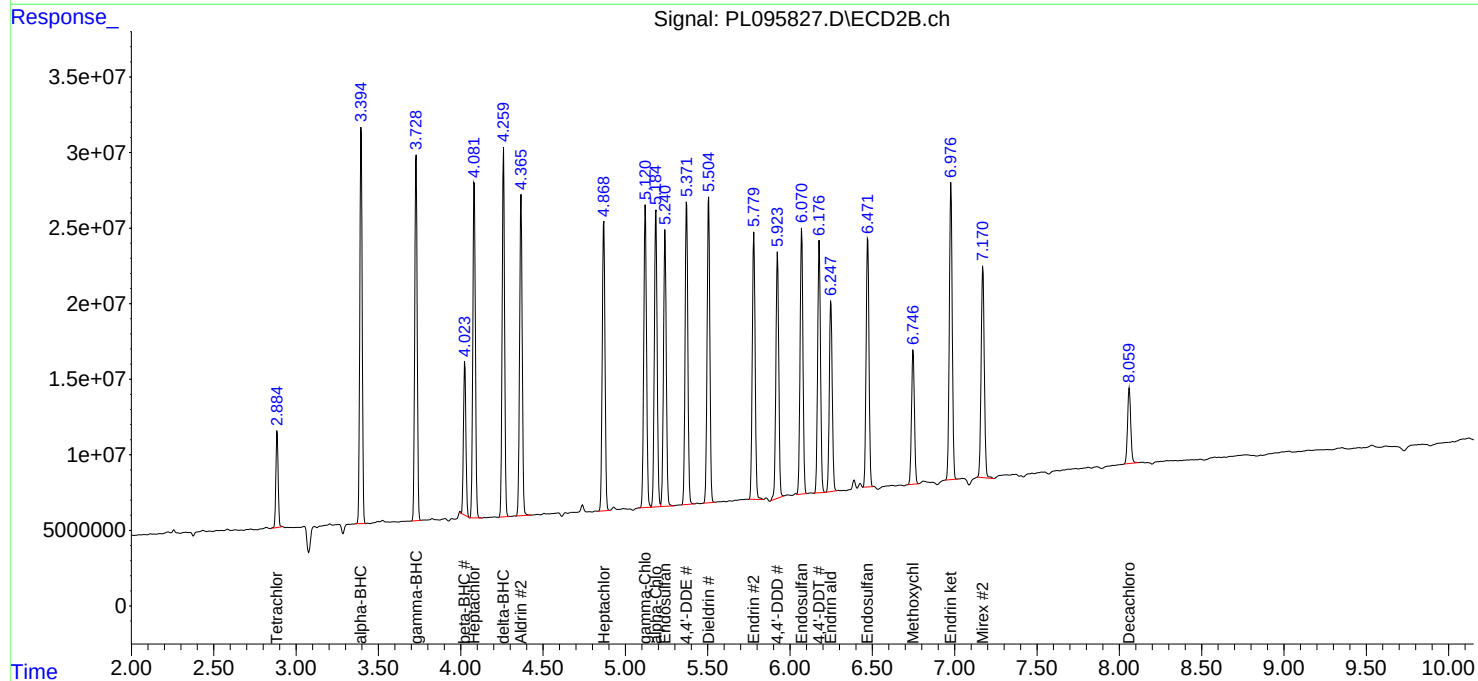
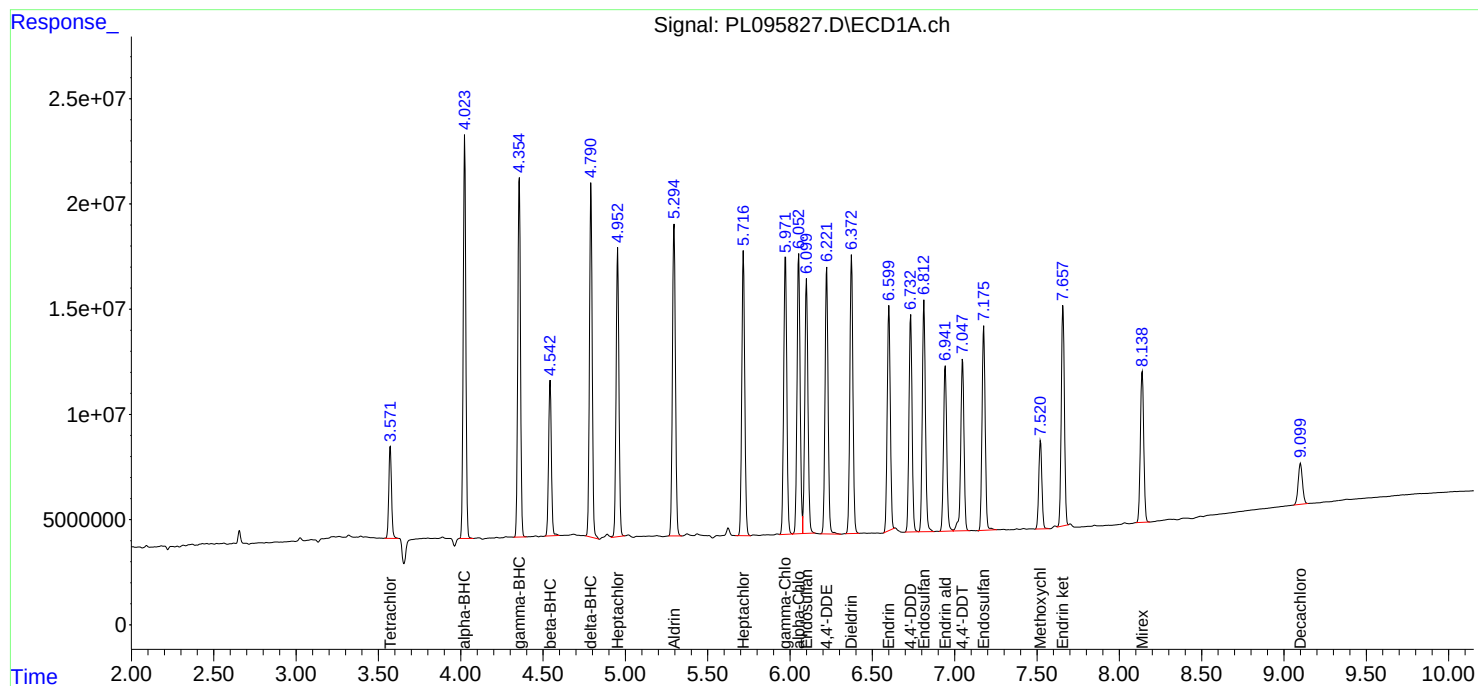
Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

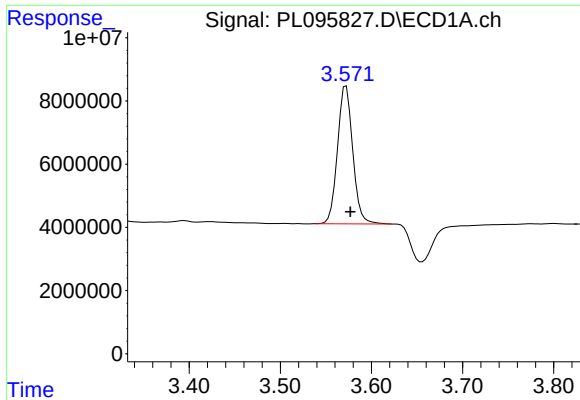
Manual Integrations
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Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 00:53:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





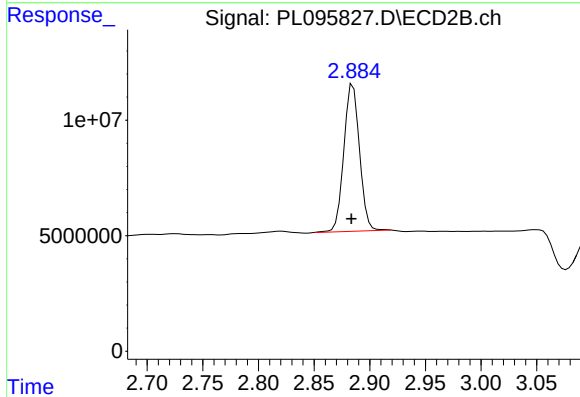
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 50849904
Conc: 16.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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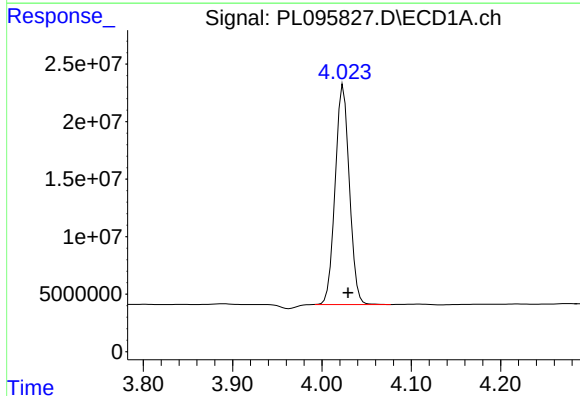
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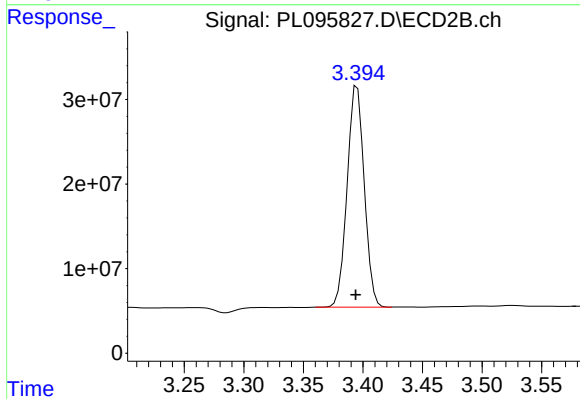
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 62586405
Conc: 15.99 ng/ml



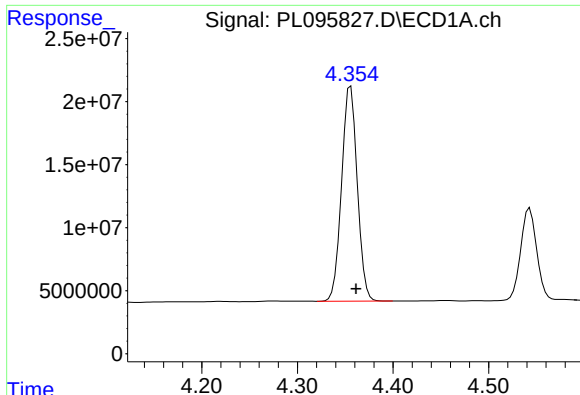
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 210853702
Conc: 43.49 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 262047793
Conc: 44.74 ng/ml



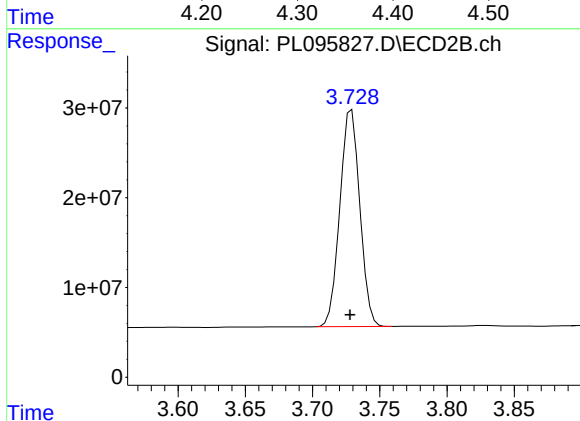
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 194753720
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

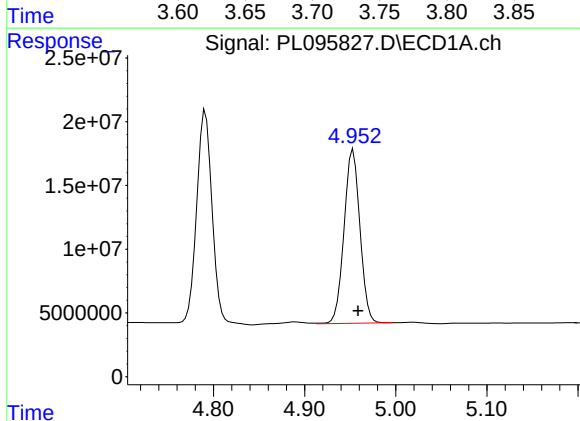
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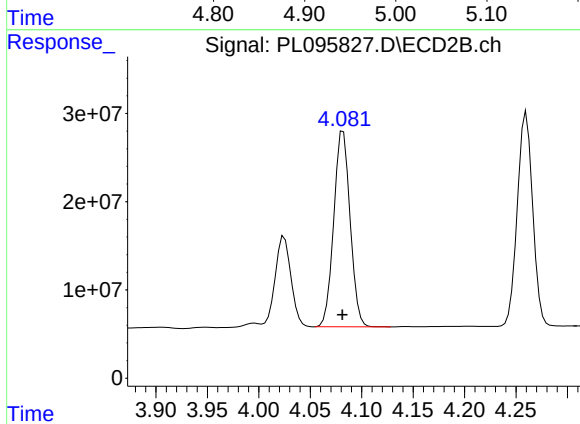
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.001 min
Response: 248922963
Conc: 44.44 ng/ml



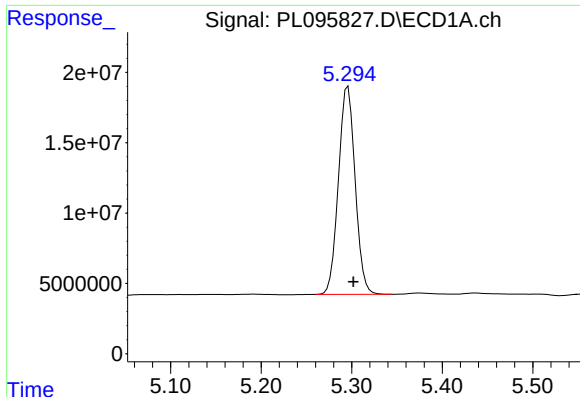
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 165165429
Conc: 43.64 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 245099917
Conc: 43.70 ng/ml



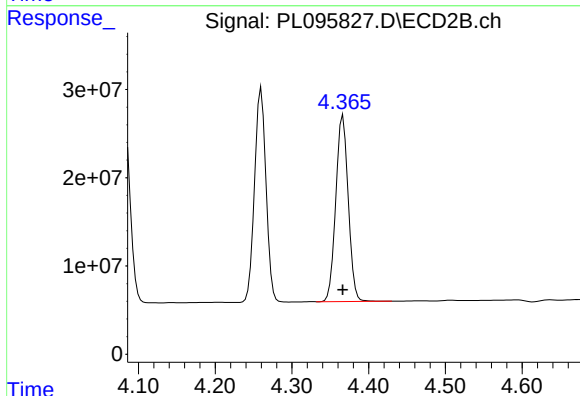
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 189227369
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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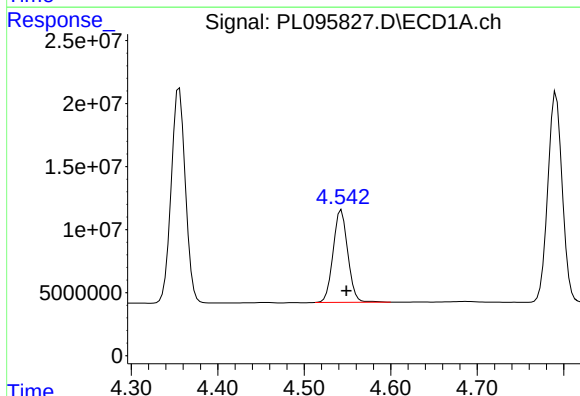
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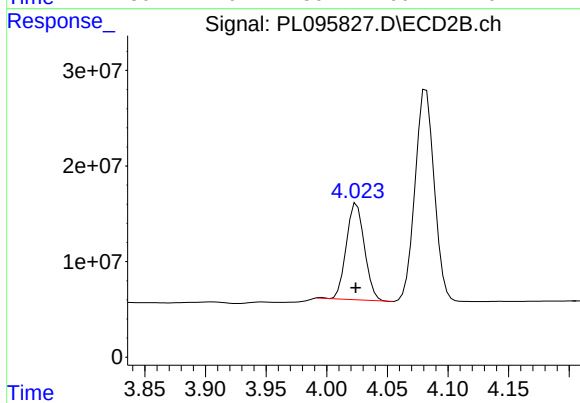
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 237870779
Conc: 44.82 ng/ml



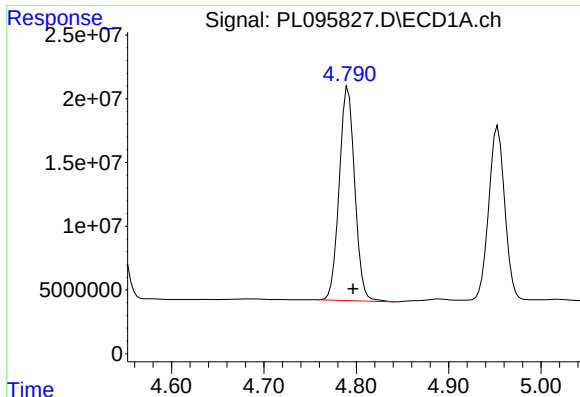
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 86318589
Conc: 43.79 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 105433205
Conc: 42.56 ng/ml



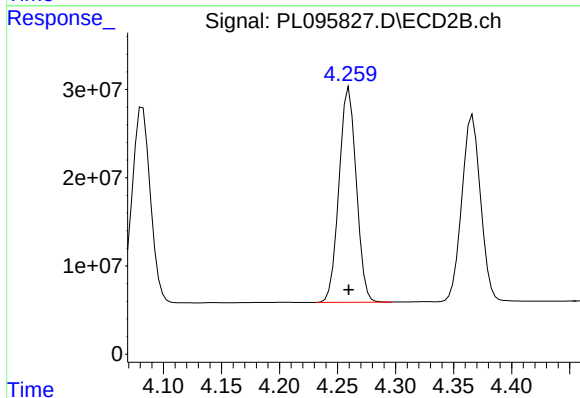
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 195693439
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

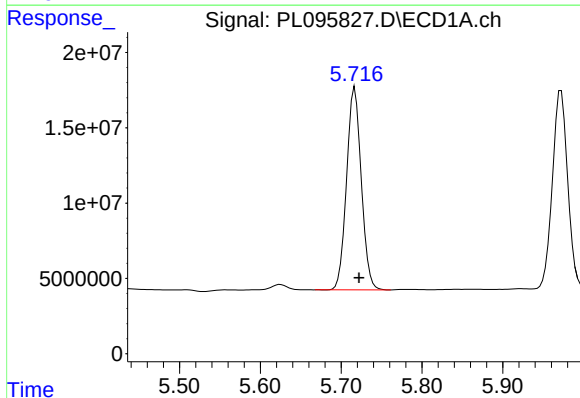
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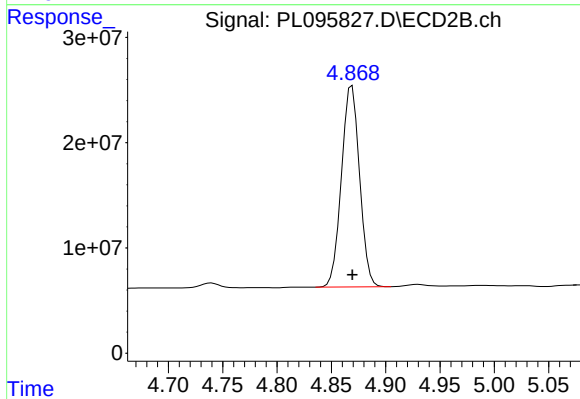
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 252253336
Conc: 44.67 ng/ml



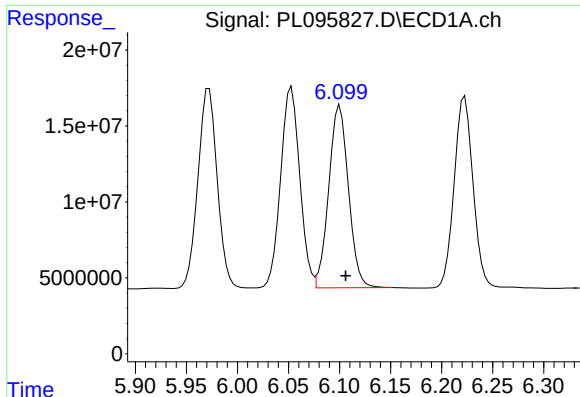
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 169977260
Conc: 44.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 222299694
Conc: 45.02 ng/ml



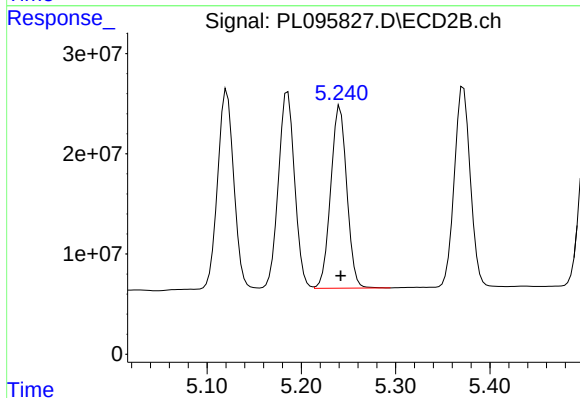
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 161500246
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

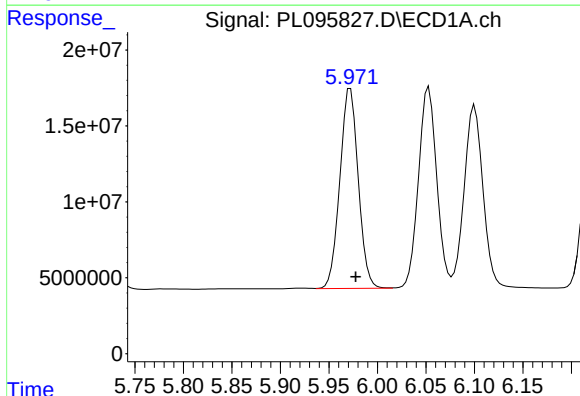
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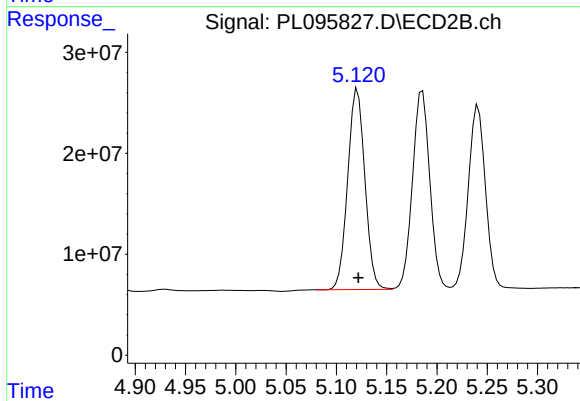
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 215721985
Conc: 45.27 ng/ml



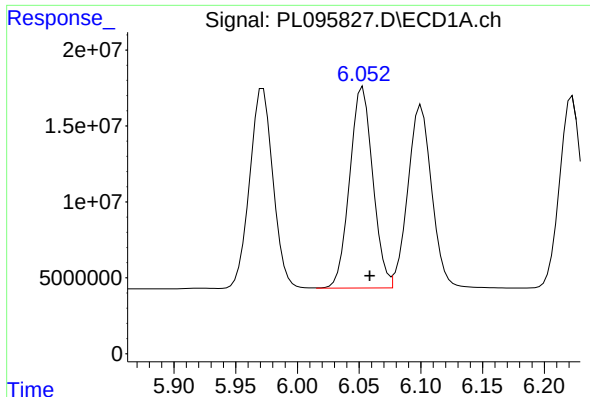
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 173577710
Conc: 44.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 235755412
Conc: 44.88 ng/ml



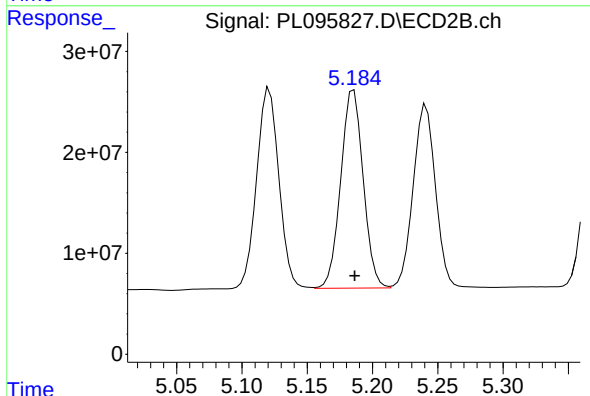
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 172953197
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

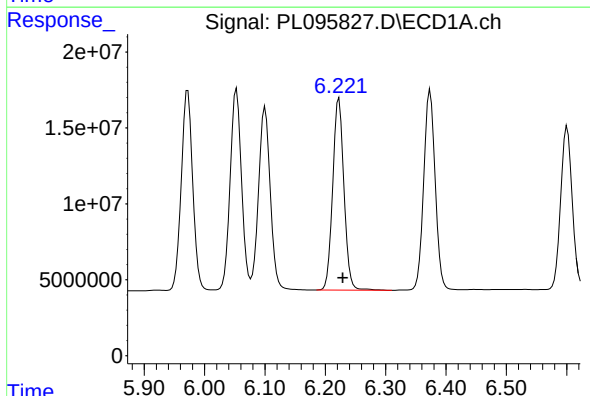
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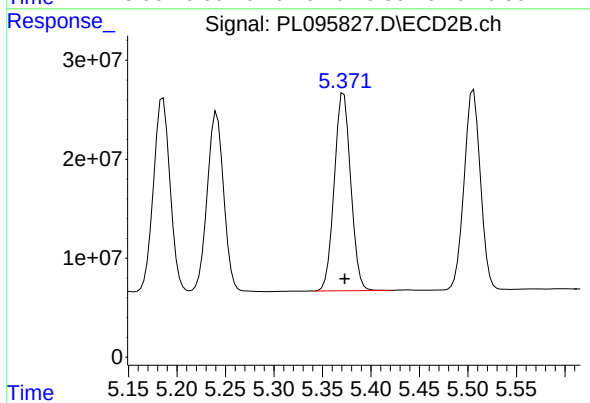
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 235046366
Conc: 45.18 ng/ml



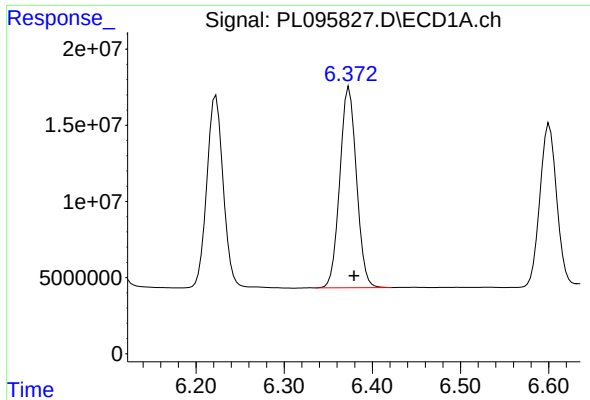
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 163790674
Conc: 44.66 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 235416322
Conc: 43.90 ng/ml



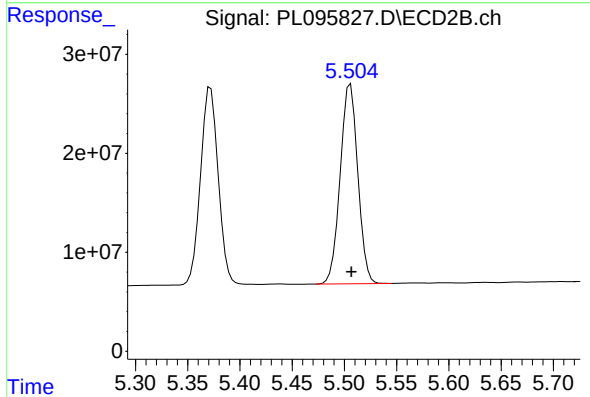
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 173002572
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
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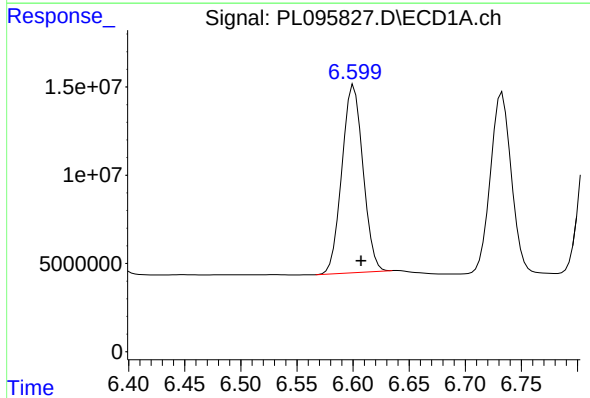
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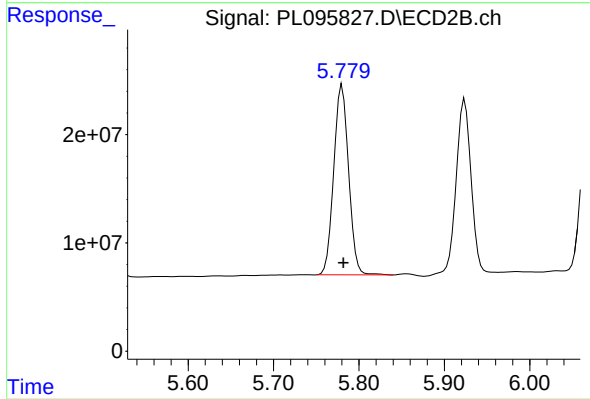
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 236262851
Conc: 44.58 ng/ml



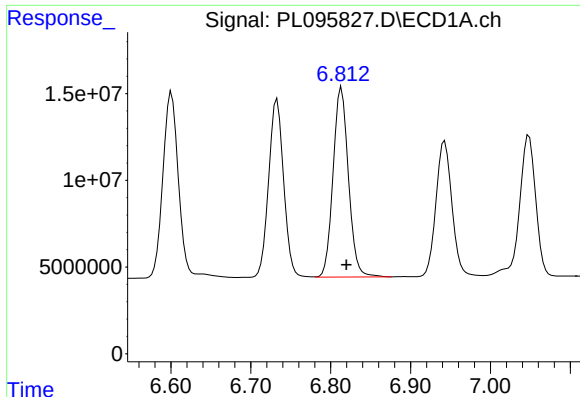
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 139363663
Conc: 43.19 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 212452782
Conc: 43.57 ng/ml



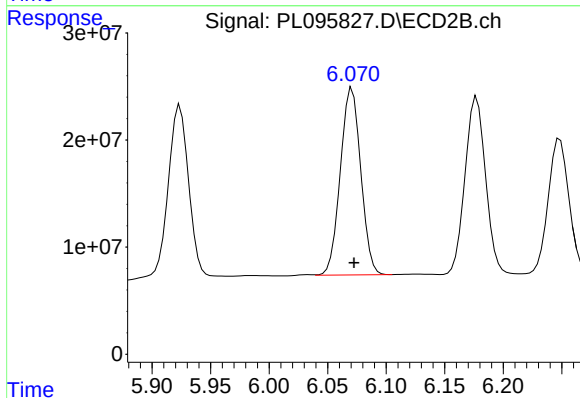
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 146022264
Conc: 42.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

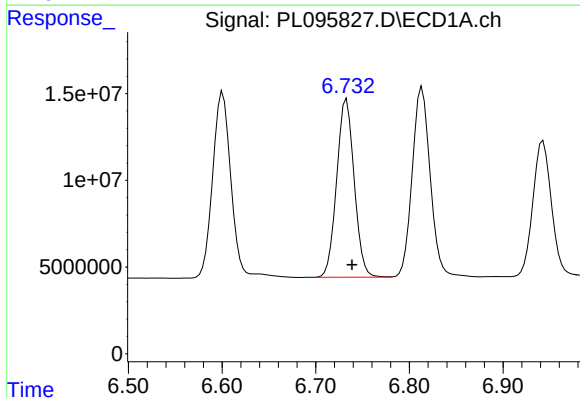
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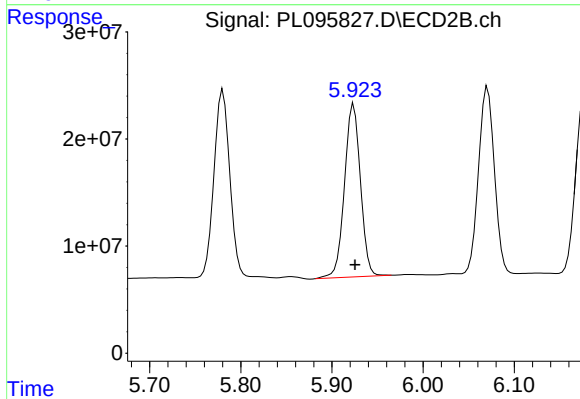
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 212322930
Conc: 44.68 ng/ml



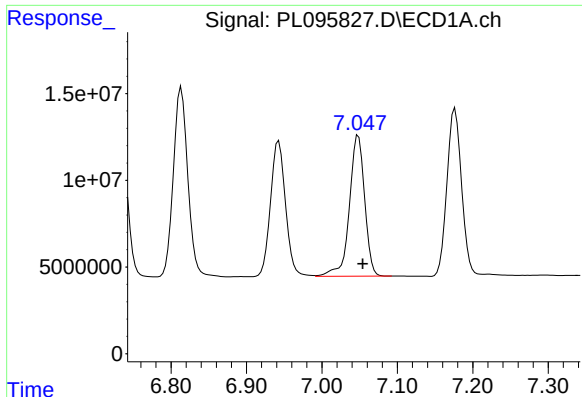
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 133627725
Conc: 45.60 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 196296565
Conc: 44.77 ng/ml



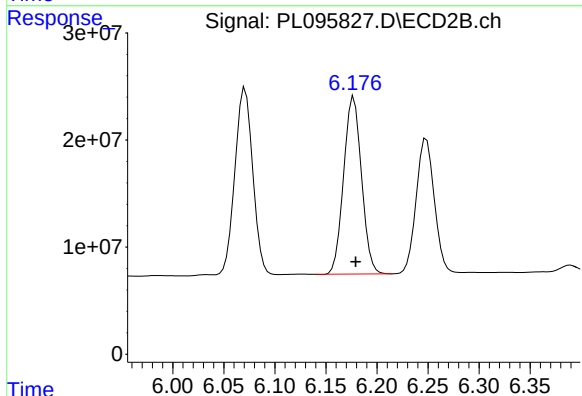
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 114515482
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

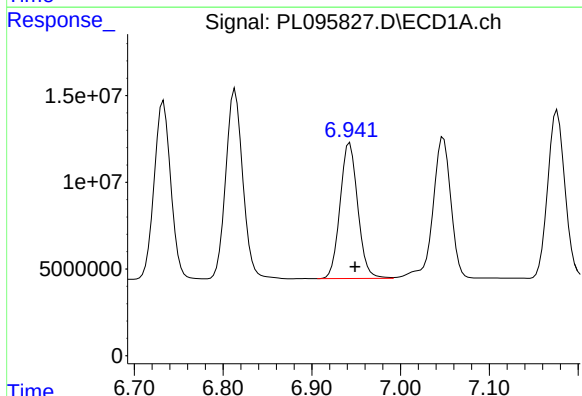
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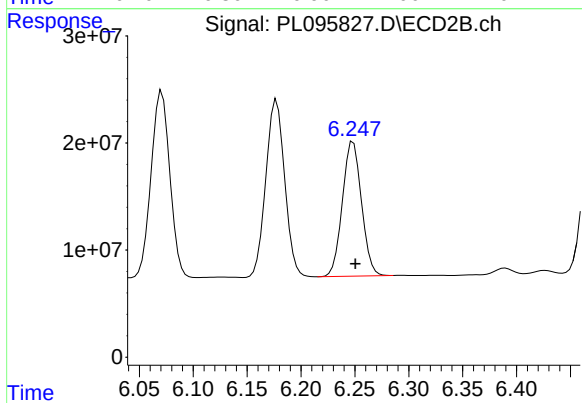
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 201624446
Conc: 42.16 ng/ml



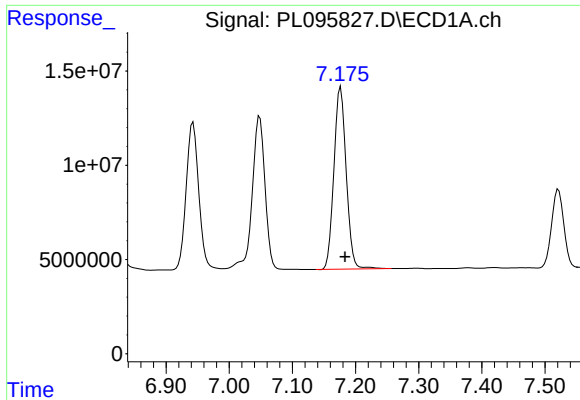
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 108561945
Conc: 44.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 155016290
Conc: 44.88 ng/ml



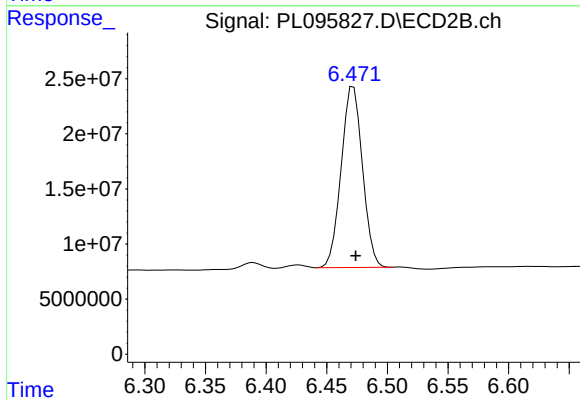
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 130778586
Conc: 43.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

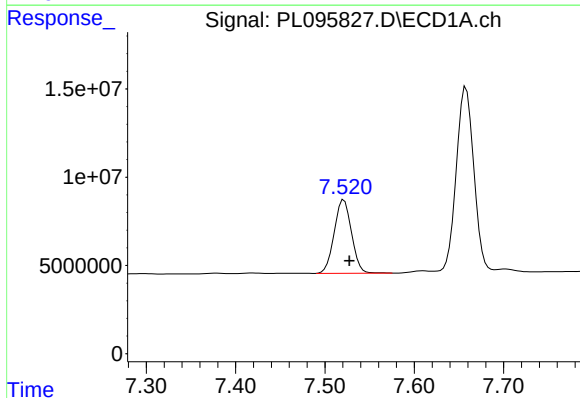
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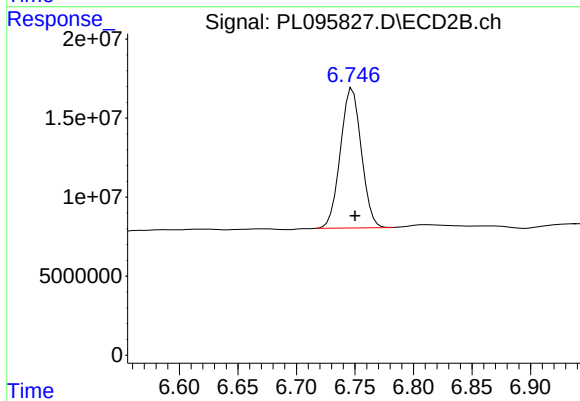
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 200292799
Conc: 44.56 ng/ml



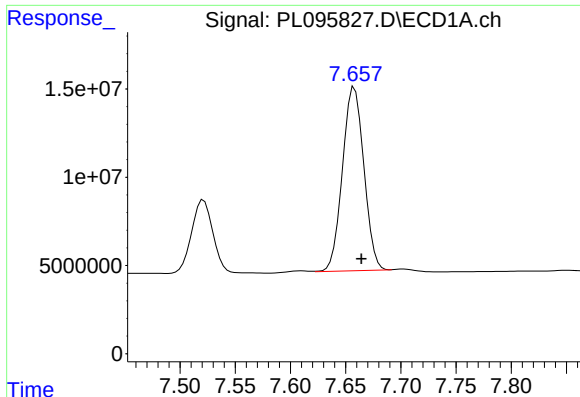
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.006 min
Response: 56058943
Conc: 43.96 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 110083191
Conc: 42.08 ng/ml



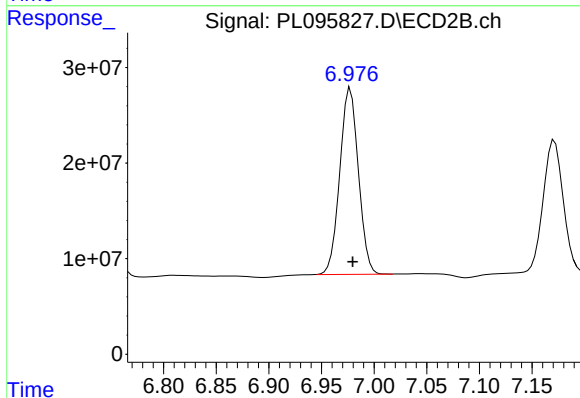
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 140589096
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MSD

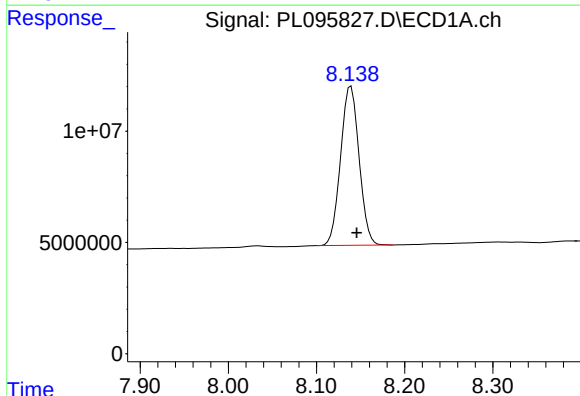
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



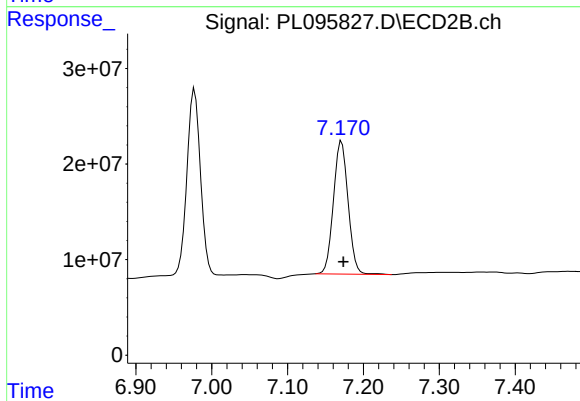
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 240849715
Conc: 46.55 ng/ml



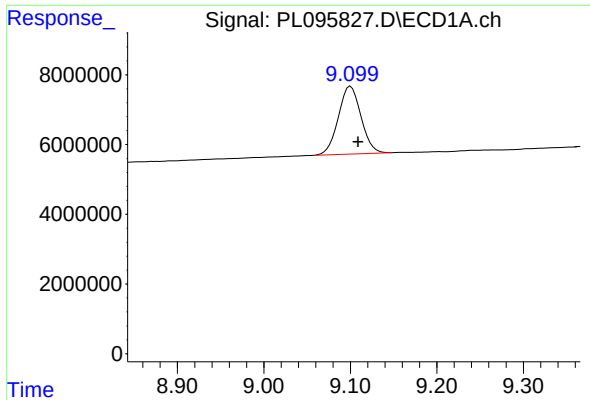
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.006 min
Response: 104182113
Conc: 45.03 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 187092272
Conc: 46.08 ng/ml



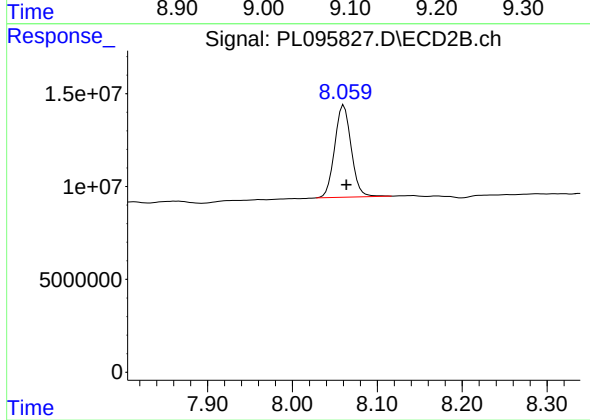
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.009 min
Response: 35199100
Conc: 14.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 66986091
Conc: 15.31 ng/ml