

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
 Data File : PL095264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 16:02
 Operator : AR\AJ
 Sample : Q1800-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-A4-01-CMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/17/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:16:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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	2.769	52952667	62427288	19.303	16.776
2) SA Decachlor...	9.053	7.900	53521400	98746659	22.229	22.447
Target Compounds						
2) A alpha-BHC	3.992	3.271	196.9E6	264.9E6	48.996	47.829
3) MA gamma-BHC...	4.323	3.598	201.4E6	251.2E6	52.376m	47.734m
4) MA Heptachlor	4.912	3.937	185.5E6	264.7E6	50.591	50.914
5) MB Aldrin	5.254	4.216	172.5E6	233.6E6	48.891	47.933
6) B beta-BHC	4.524	3.899	75709430	111.2E6	43.182m	47.993m
7) B delta-BHC	4.771	4.128	178.3E6	226.3E6	45.499	43.776
8) B Heptachlo...	5.681	4.719	171.9E6	240.1E6	53.539	52.562
9) A Endosulfan I	6.066	5.088	105.8E6	144.1E6	34.159	33.206
10) B gamma-Chl...	5.936	4.968	180.3E6	254.4E6	53.982	52.811
11) B alpha-Chl...	6.015	5.032	167.5E6	250.1E6	50.451	52.776
12) B 4,4'-DDE	6.190	5.220	149.4E6	247.3E6	45.684	51.364
13) MA Dieldrin	6.341	5.352	176.1E6	279.4E6	53.433	58.207
14) MA Endrin	6.572	5.627	148.8E6	243.3E6	57.112	58.249
15) B Endosulfa...	6.792	5.923	46308889	70586274	16.235	16.078
16) A 4,4'-DDD	6.708	5.774	127.0E6	229.0E6	50.006	58.860m
17) MA 4,4'-DDT	7.021	6.025	138.9E6	231.4E6	54.585	55.535
18) B Endrin al...	6.922	6.102	114.4E6	179.4E6	51.983	53.240
19) B Endosulfa...	7.157	6.325	132.5E6	224.9E6	51.579	53.856
20) A Methoxychlor	7.499	6.601	71534937	123.6E6	53.407	55.048
21) B Endrin ke...	7.642	6.830	145.4E6	266.6E6	50.368	52.884
22) Mirex	8.114	7.009	108.2E6	200.4E6	50.850	50.958

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
Data File : PL095264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2025 16:02
Operator : AR\AJ
Sample : Q1800-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

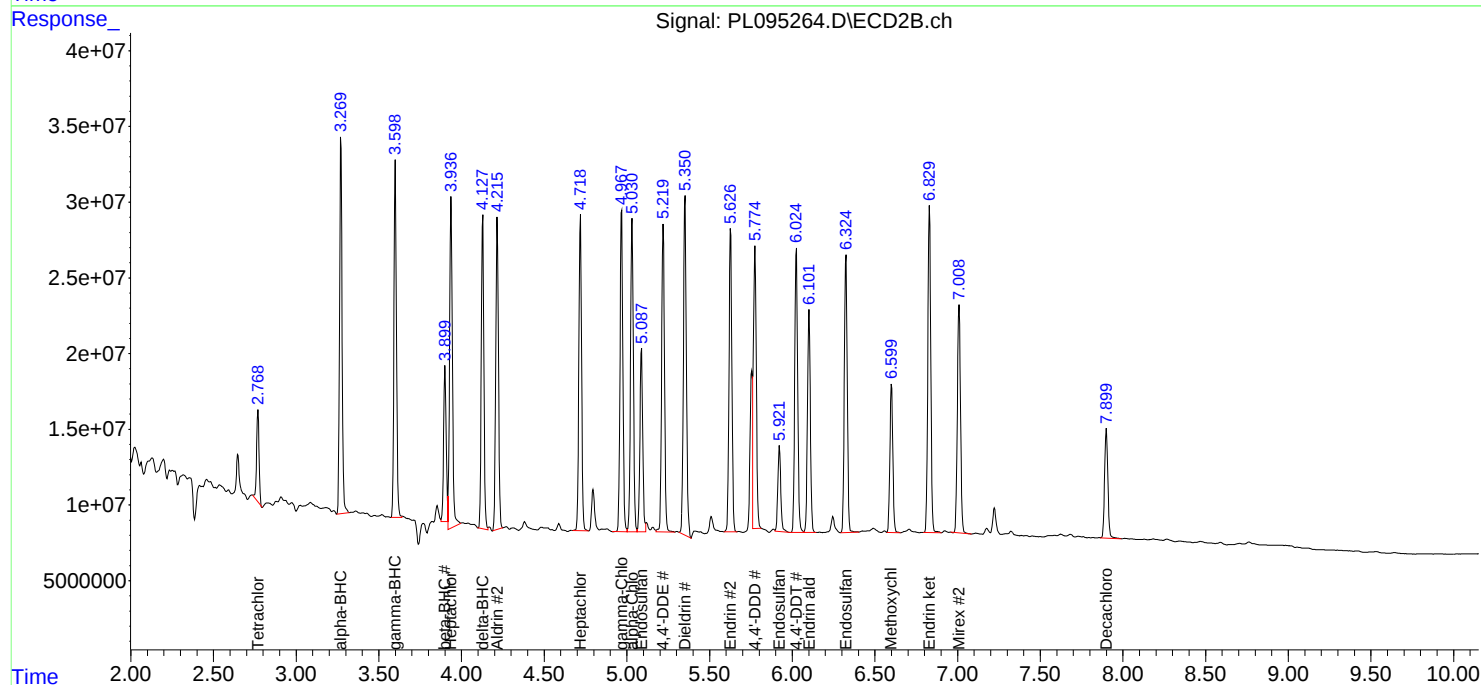
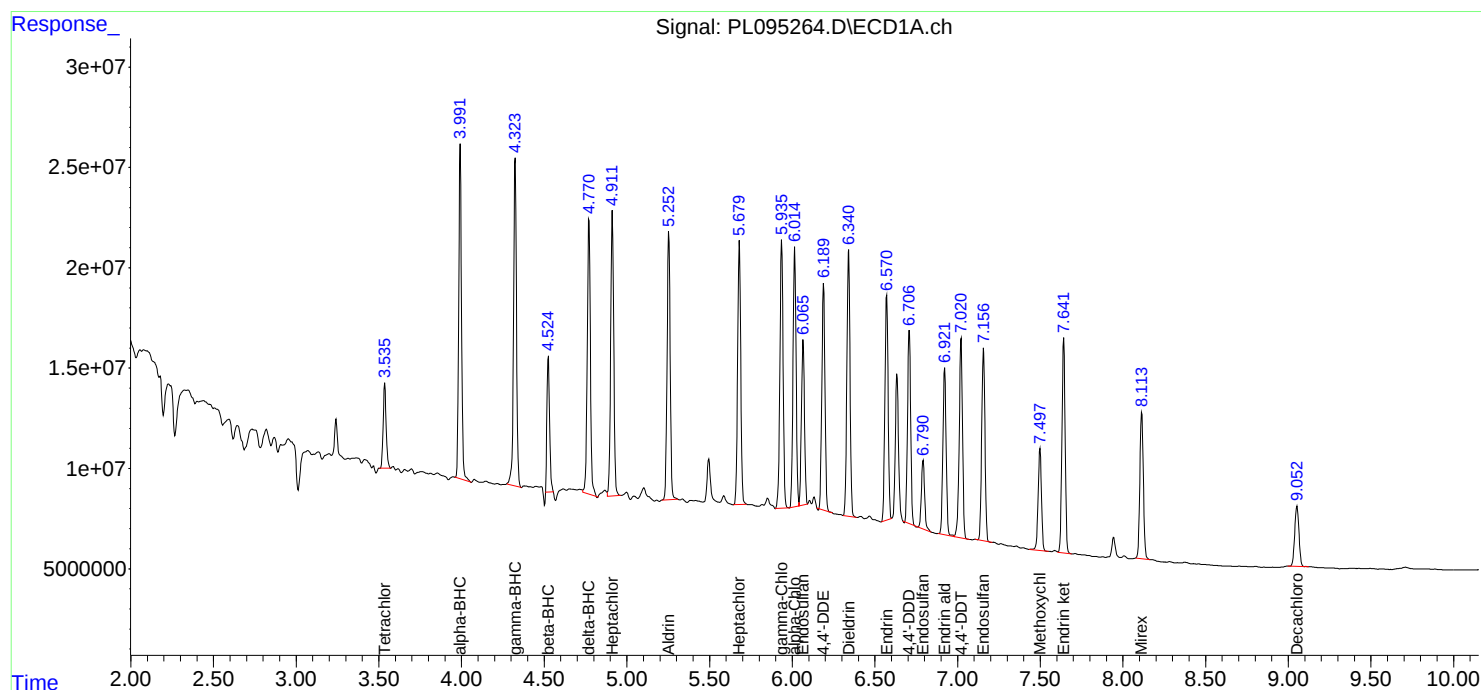
APPROVED

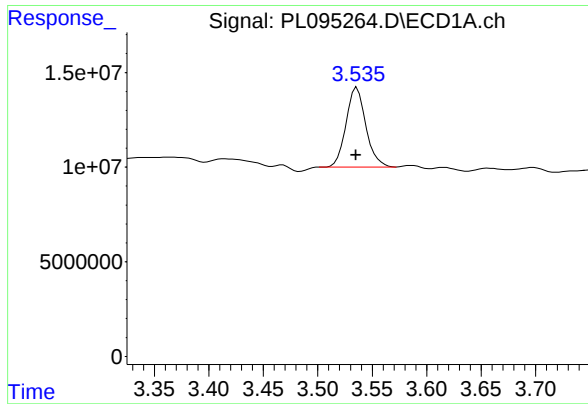
Reviewed By :Abdul Mirza 04/17/2025

Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 01:16:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





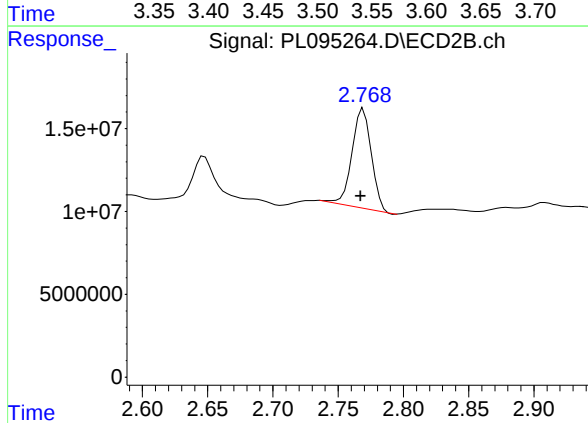
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 52952667
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

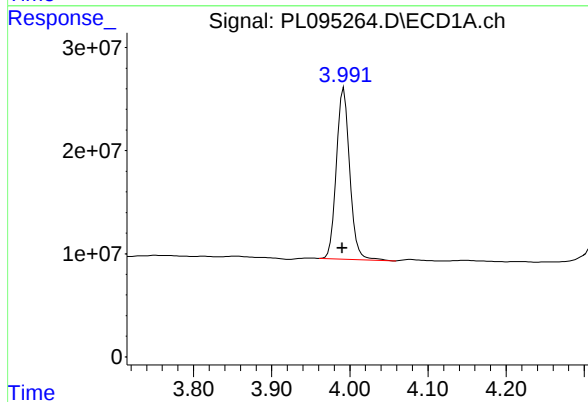
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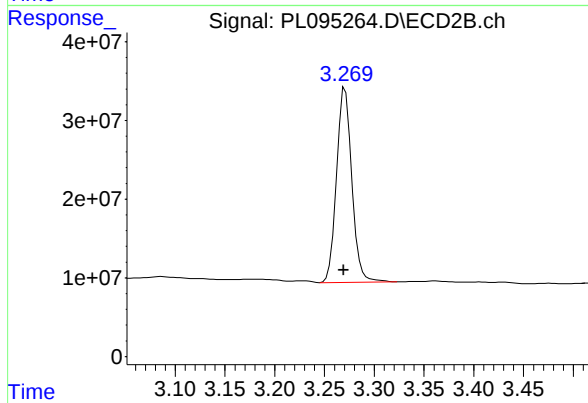
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.002 min
Response: 62427288
Conc: 16.78 ng/ml



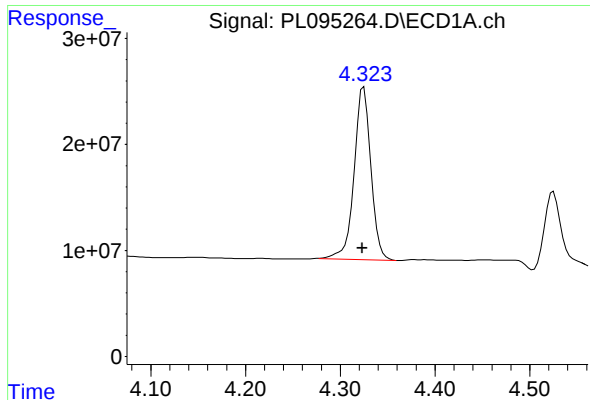
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 196923221
Conc: 49.00 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.001 min
Response: 264854091
Conc: 47.83 ng/ml



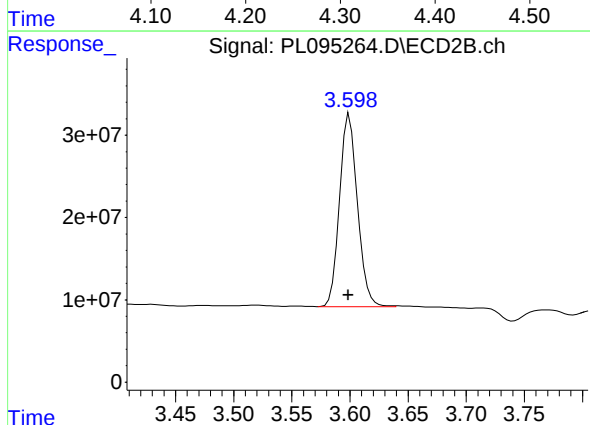
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 201415381
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

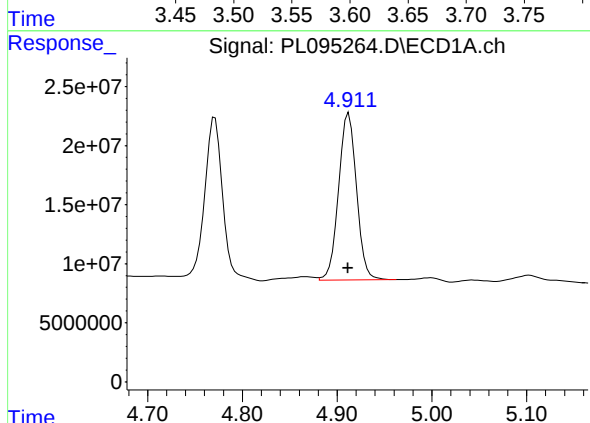
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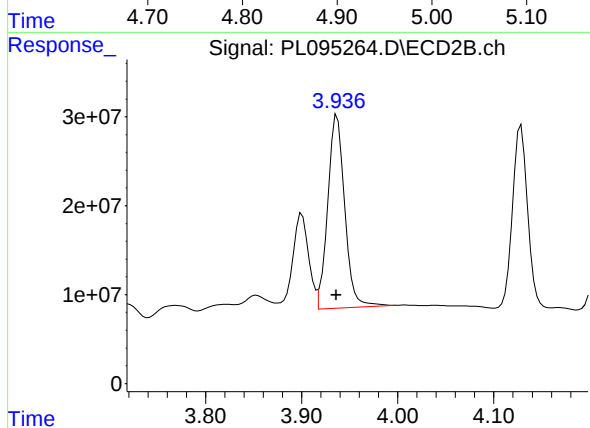
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 251232169
Conc: 47.73 ng/ml



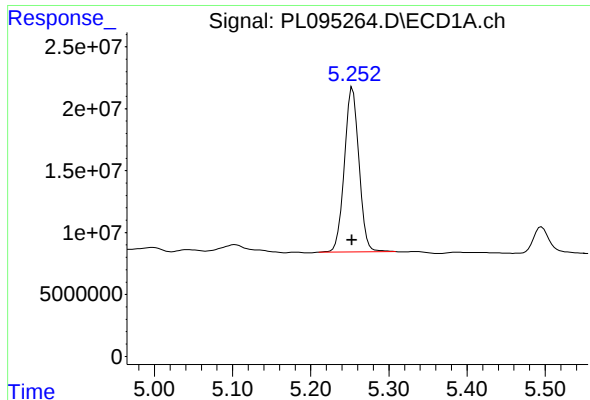
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 185486359
Conc: 50.59 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 264727799
Conc: 50.91 ng/ml



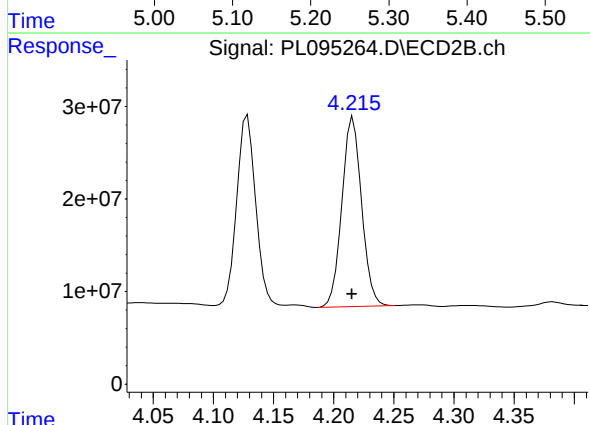
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 172541401
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

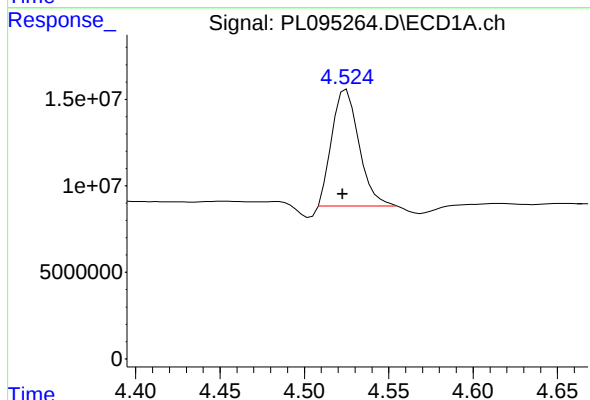
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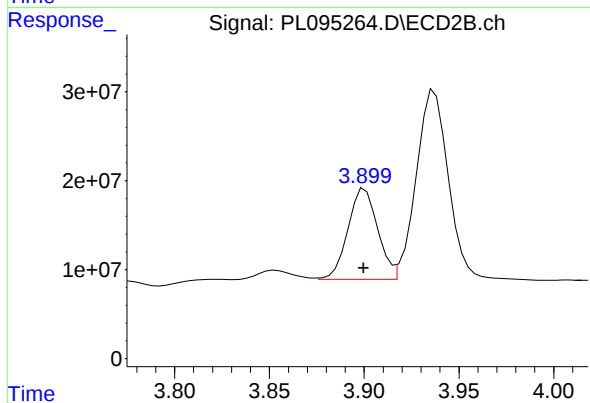
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 233601170
Conc: 47.93 ng/ml



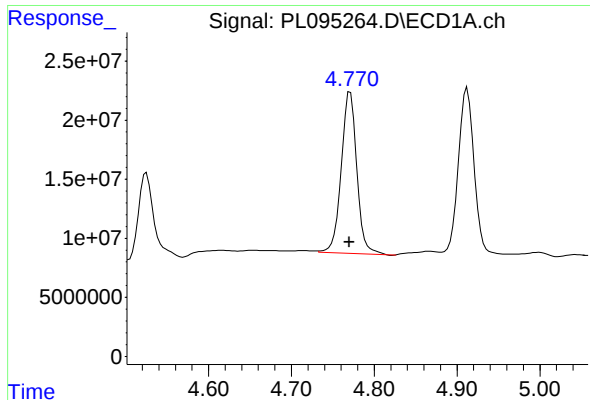
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 75709430
Conc: 43.18 ng/ml m



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 111206003
Conc: 47.99 ng/ml m



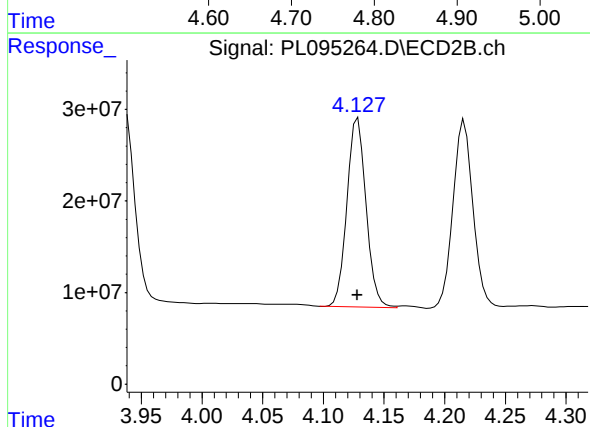
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 178294444
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

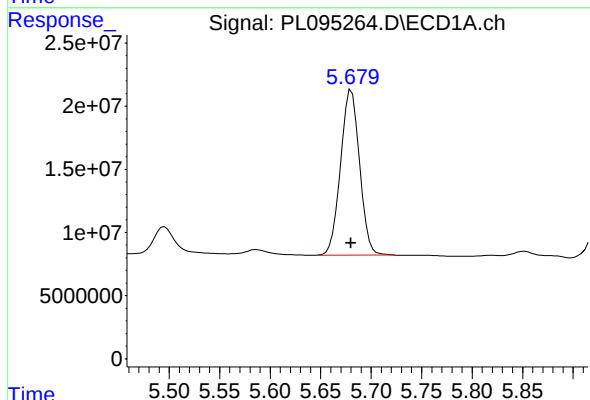
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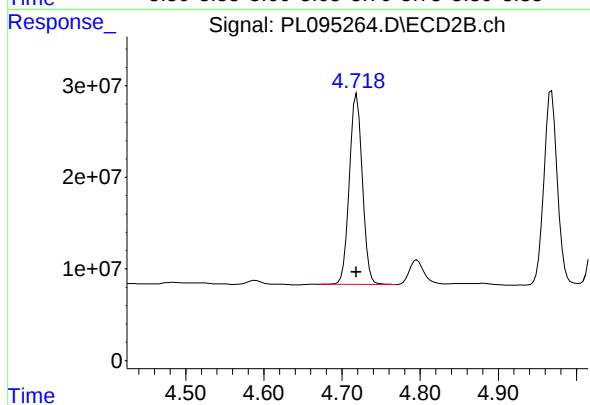
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 226322869
Conc: 43.78 ng/ml



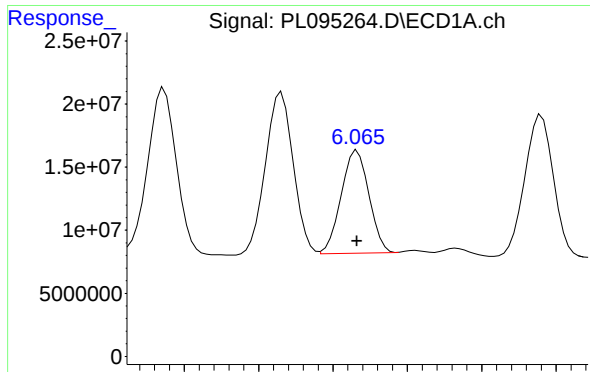
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 171903054
Conc: 53.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 240136857
Conc: 52.56 ng/ml



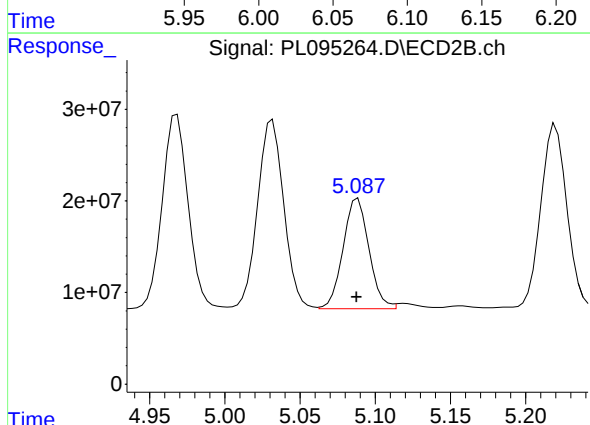
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 105838475
Conc: 34.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

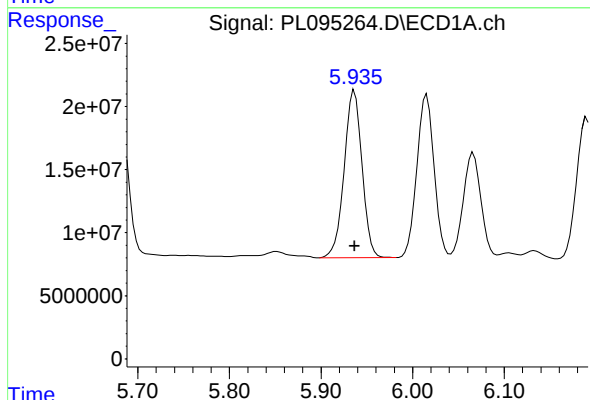
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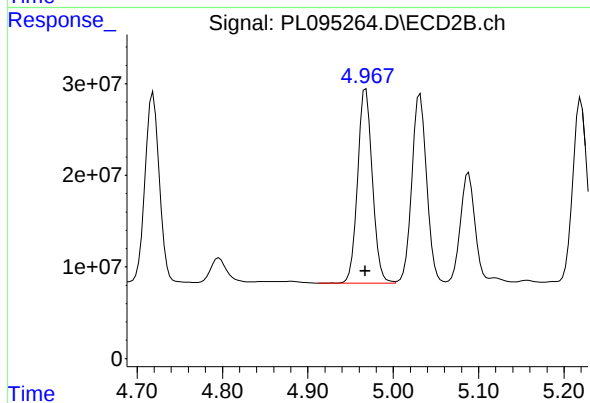
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 144144806
Conc: 33.21 ng/ml



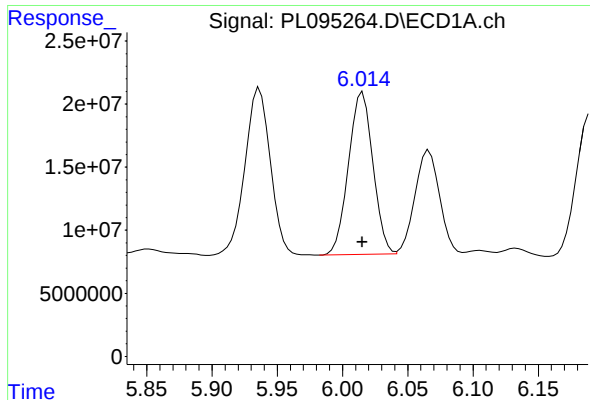
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 180325672
Conc: 53.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 254378170
Conc: 52.81 ng/ml



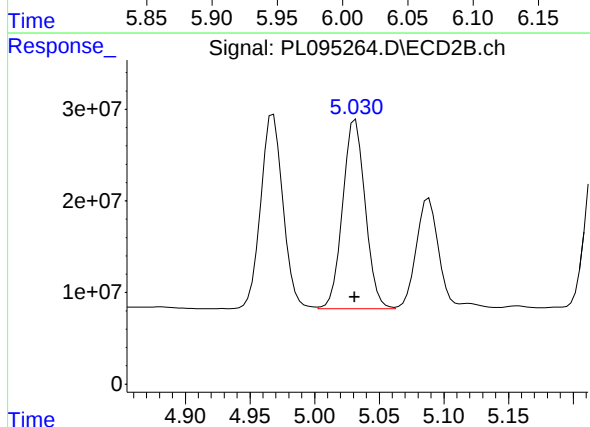
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 167470434
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

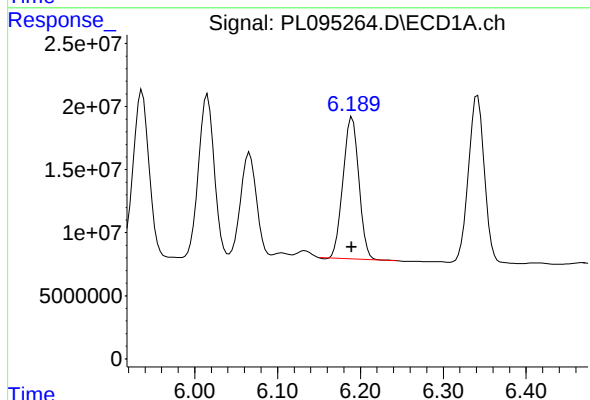
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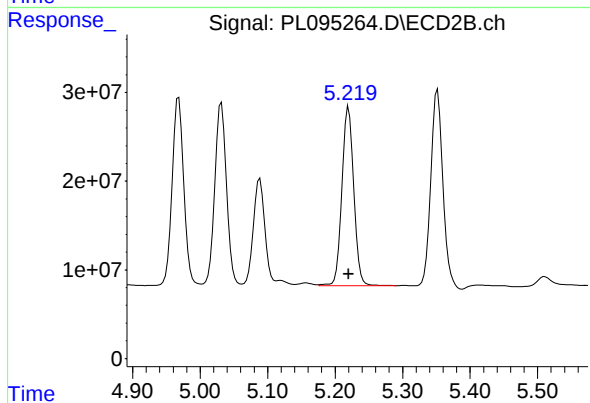
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 250135832
Conc: 52.78 ng/ml



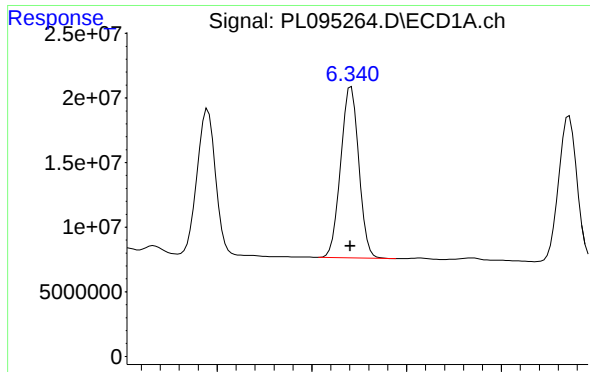
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 149378952
Conc: 45.68 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 247303119
Conc: 51.36 ng/ml



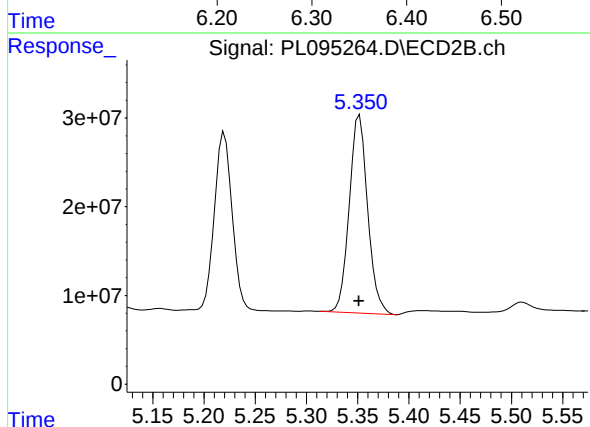
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 176065984
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

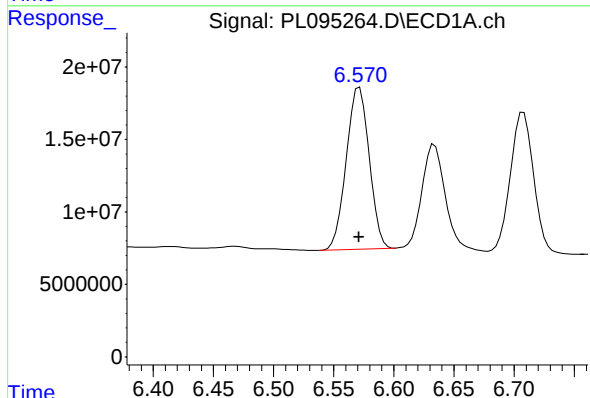
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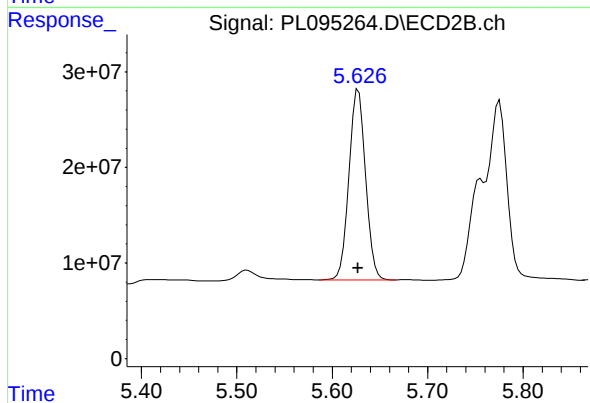
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 279395030
Conc: 58.21 ng/ml



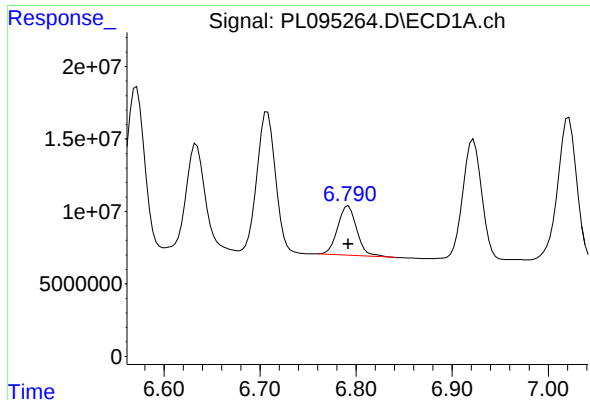
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 148842650
Conc: 57.11 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 243330344
Conc: 58.25 ng/ml



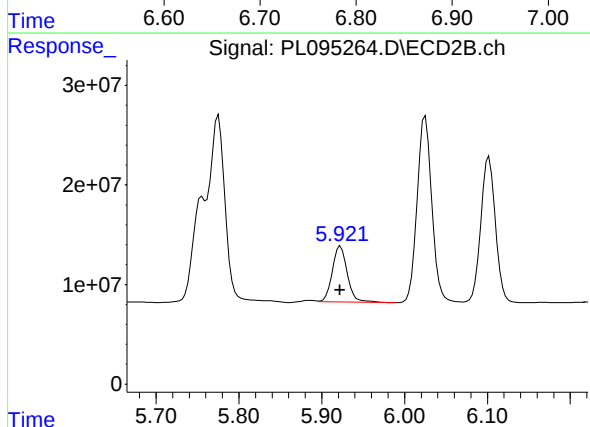
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 46308889
Conc: 16.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

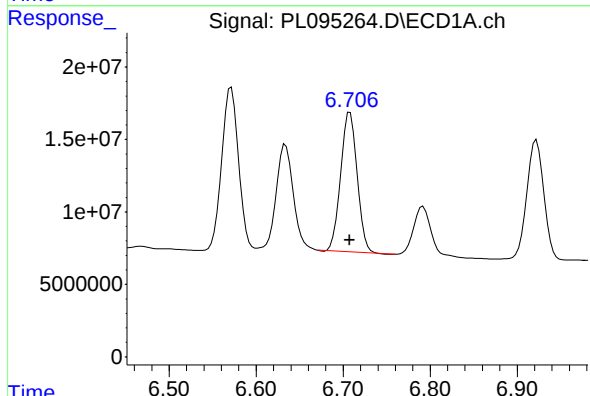
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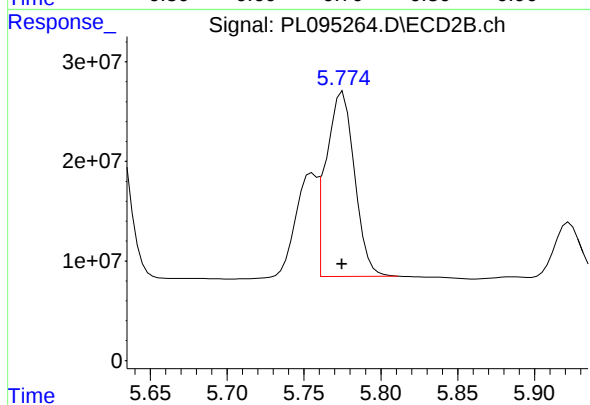
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 70586274
Conc: 16.08 ng/ml



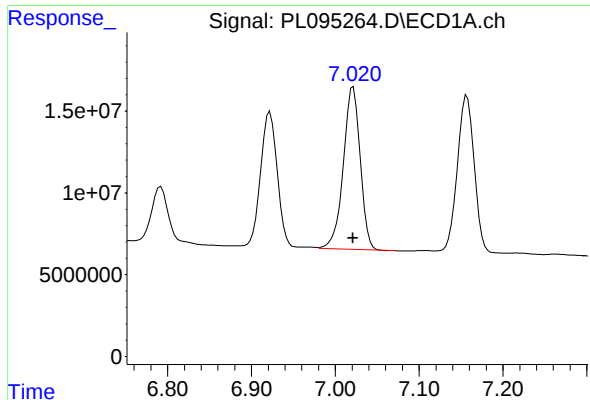
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 126969987
Conc: 50.01 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 228959390
Conc: 58.86 ng/ml m



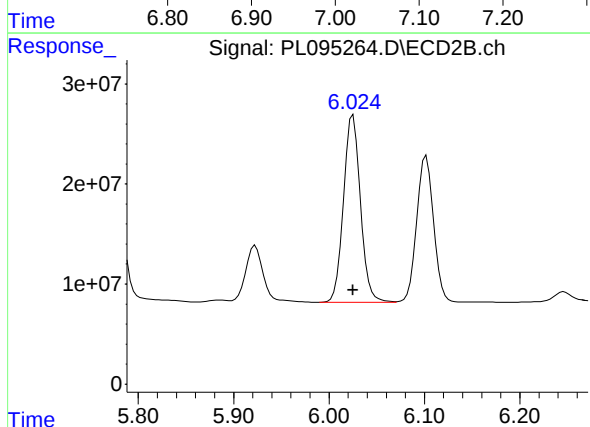
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 138948054
Conc: 54.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

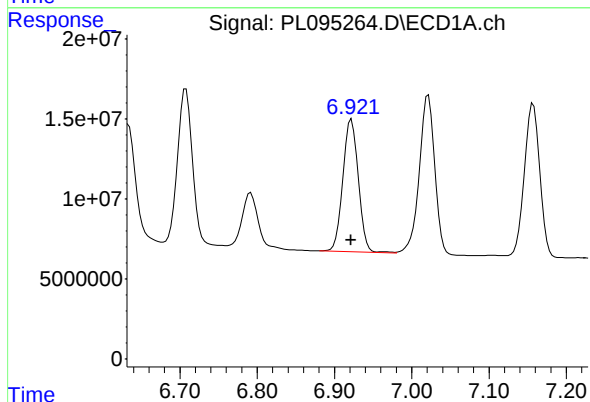
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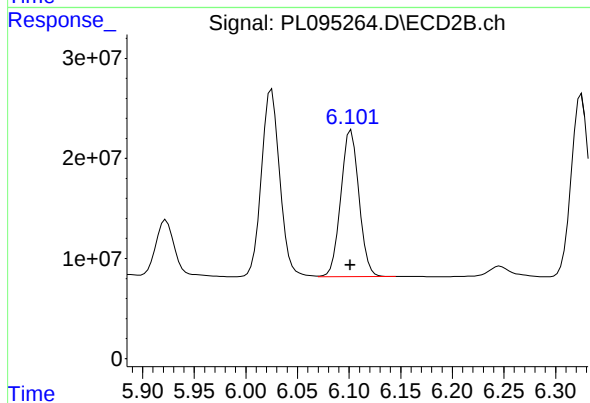
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 231355095
Conc: 55.53 ng/ml



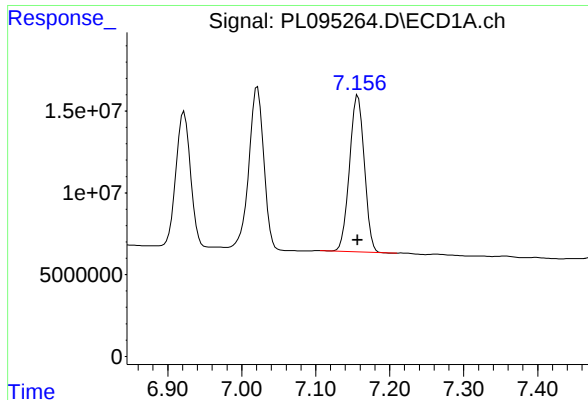
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 114419372
Conc: 51.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 179410111
Conc: 53.24 ng/ml



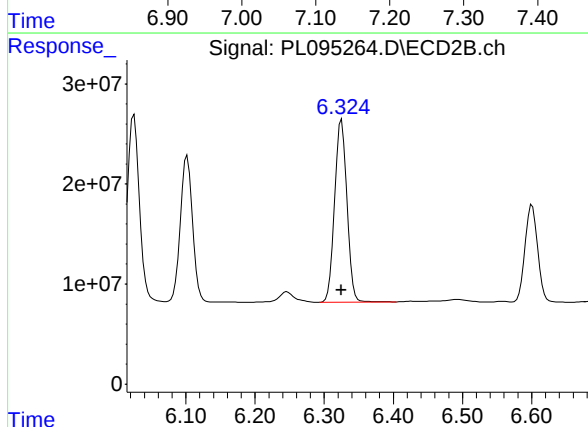
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 132538216
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

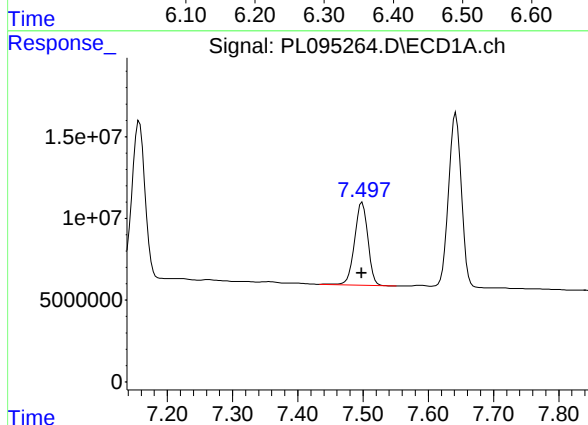
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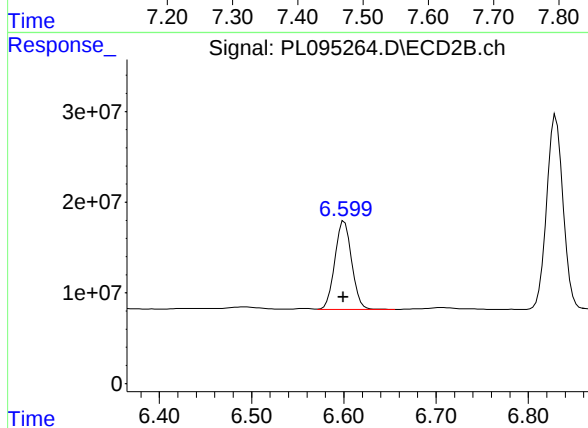
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 224926820
Conc: 53.86 ng/ml



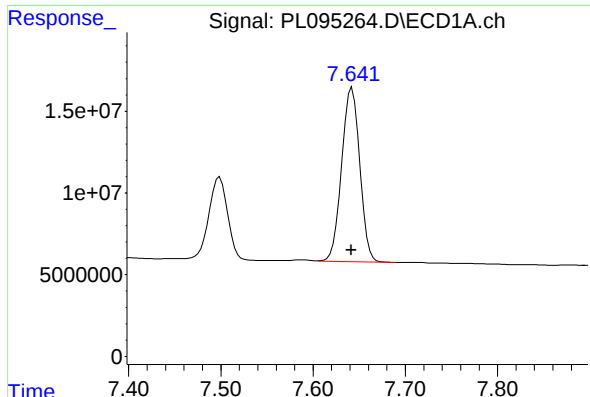
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 71534937
Conc: 53.41 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 123619909
Conc: 55.05 ng/ml



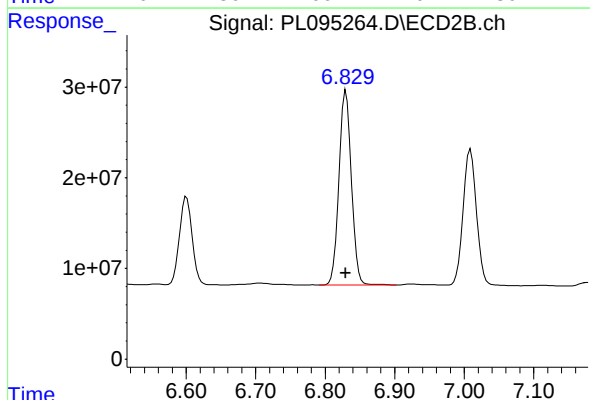
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 145395308
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

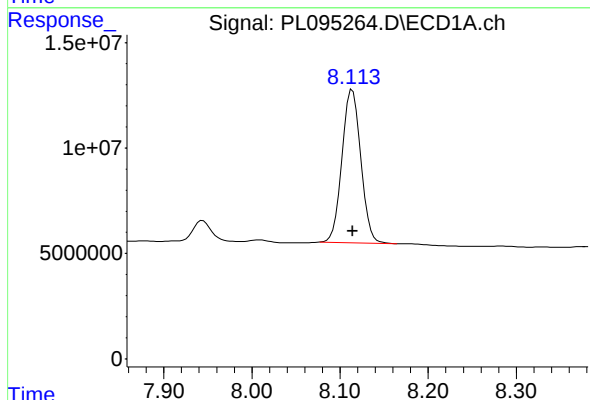
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



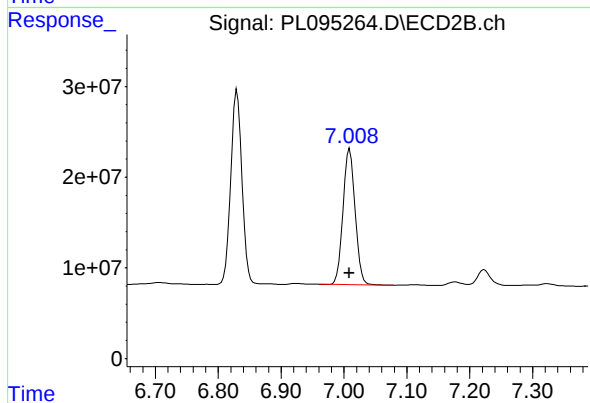
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 266649056
Conc: 52.88 ng/ml



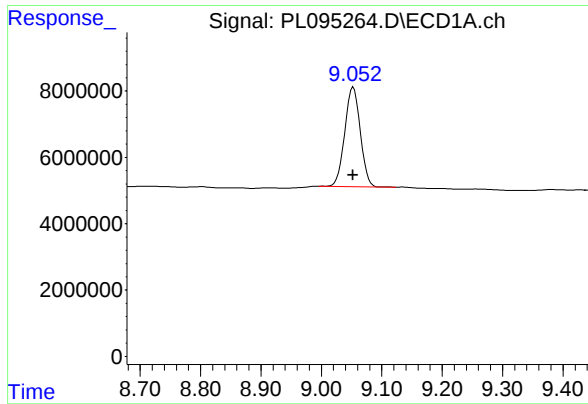
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 108168825
Conc: 50.85 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 200357039
Conc: 50.96 ng/ml



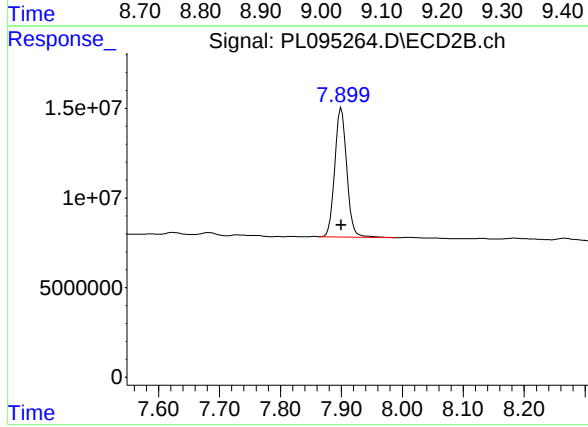
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 53521400
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-01-CMSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 98746659
Conc: 22.45 ng/ml