

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
 Data File : PL095926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 17:19
 Operator : AR\AJ
 Sample : PB168289BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168289BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:43:50 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...	3.572	2.885	63765876	79935798	20.209	20.423
28)	SA Decachlor...	9.097	8.059	44092906	81209974	18.712	18.565
Target Compounds							
2)	A alpha-BHC	4.023	3.395	242.1E6	313.7E6	49.931	53.552
3)	MA gamma-BHC...	4.355	3.728	222.9E6	293.7E6	49.838	52.438
4)	MA Heptachlor	4.953	4.081	181.3E6	281.1E6	47.888	50.124
5)	MB Aldrin	5.295	4.365	213.7E6	280.8E6	49.951	52.902
6)	B beta-BHC	4.543	4.024	96611806	129.2E6	49.008	52.142
7)	B delta-BHC	4.791	4.259	220.6E6	296.5E6	49.765	52.501
8)	B Heptachlo...	5.716	4.868	180.0E6	264.1E6	47.153	53.488
9)	A Endosulfan I	6.100	5.240	177.7E6	242.8E6	48.492	50.954
10)	B gamma-Chl...	5.969	5.120	190.3E6	269.1E6	48.893m	51.232
11)	B alpha-Chl...	6.052	5.184	189.8E6	262.8E6	48.067	50.504
12)	B 4,4'-DDE	6.222	5.371	169.8E6	243.3E6	46.290	45.365
13)	MA Dieldrin	6.372	5.504	188.6E6	254.2E6	48.882	47.967
14)	MA Endrin	6.600	5.779	139.4E6	210.5E6	43.212	43.170
15)	B Endosulfa...	6.812	6.070	155.0E6	235.4E6	44.988	49.541
16)	A 4,4'-DDD	6.731	5.923	147.3E6	225.7E6	50.260	51.469
17)	MA 4,4'-DDT	7.047	6.177	112.5E6	185.4E6	41.579	38.759
18)	B Endrin al...	6.941	6.248	114.2E6	168.3E6	47.235	48.723
19)	B Endosulfa...	7.176	6.471	138.8E6	209.0E6	46.462	46.505
20)	A Methoxychlor	7.519	6.746	58824524	94402726	46.125	36.085
21)	B Endrin ke...	7.655	6.976	171.3E6	239.7E6	54.089m	46.331
22)	Mirex	8.136	7.170	154.7E6	183.5E6	66.861m	45.197 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
Data File : PL095926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 17:19
Operator : AR\AJ
Sample : PB168289BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168289BS

Manual Integrations

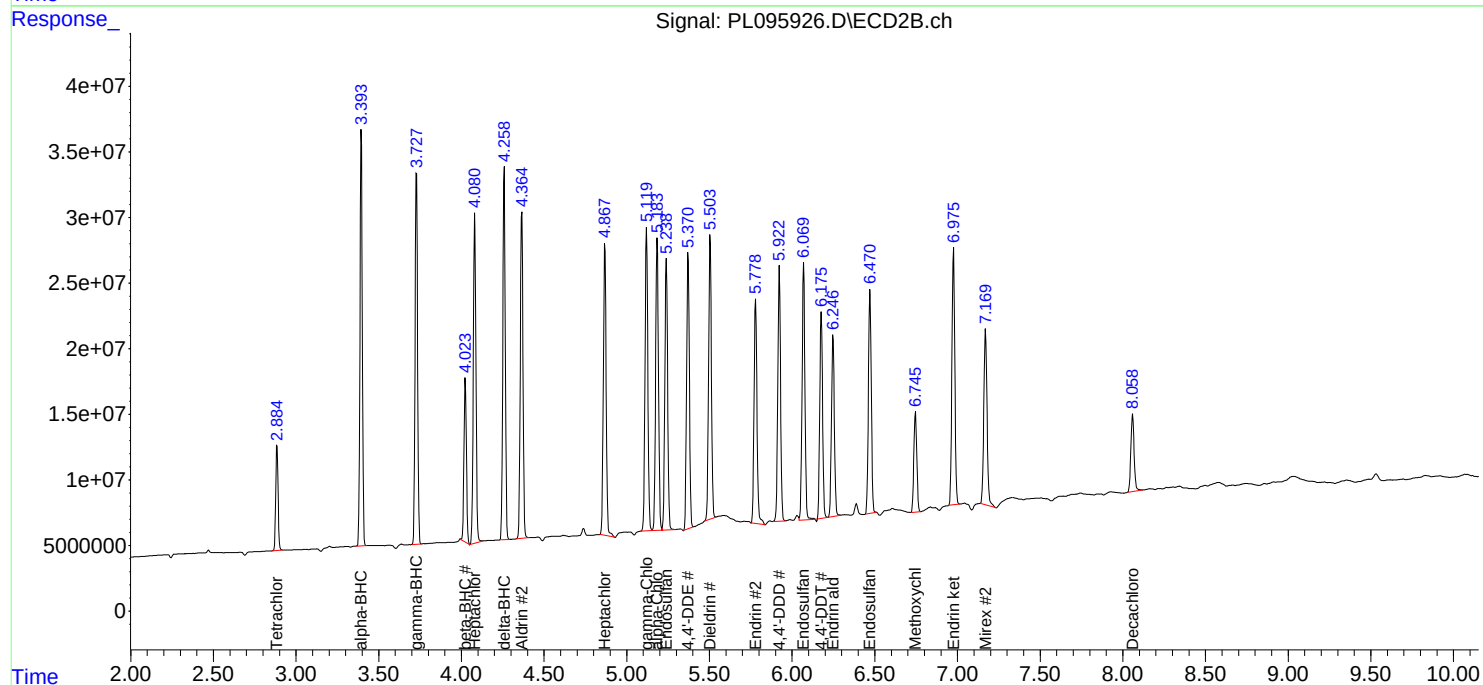
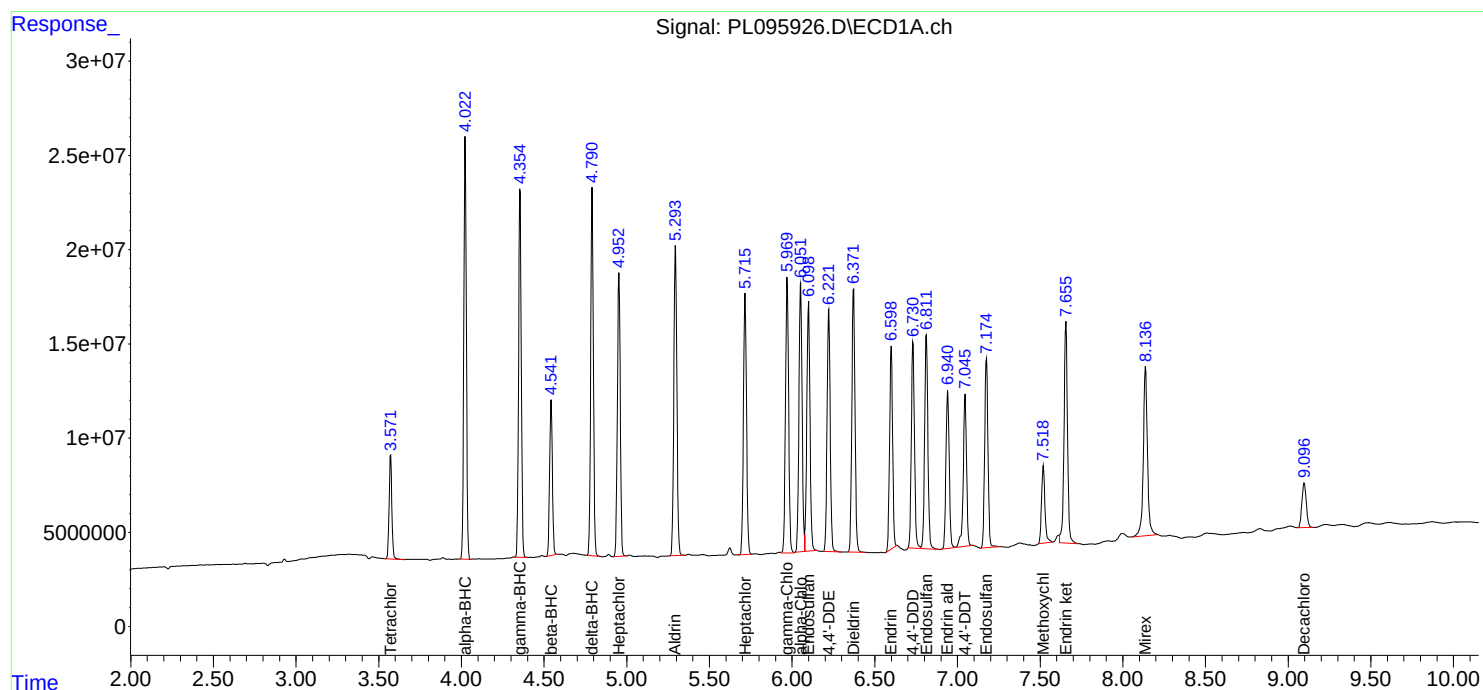
APPROVED

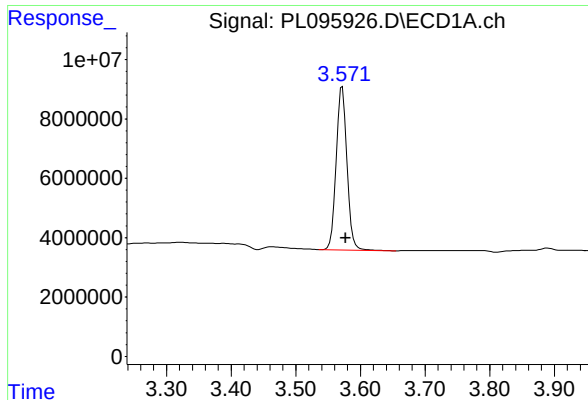
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 01:43:50 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





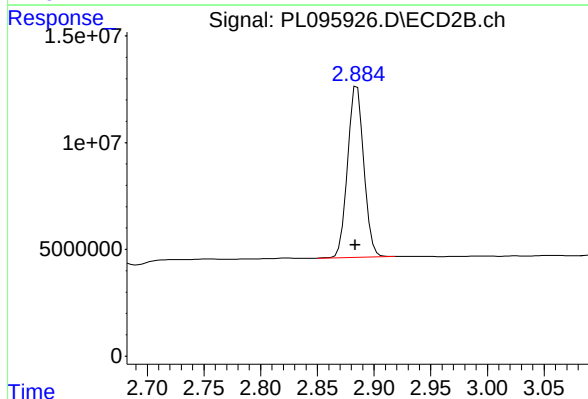
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 63765876
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

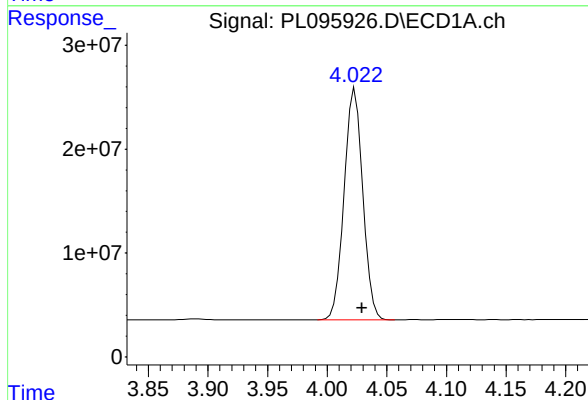
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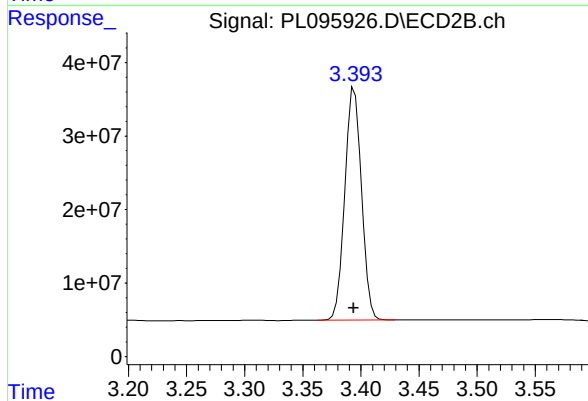
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 79935798
Conc: 20.42 ng/ml



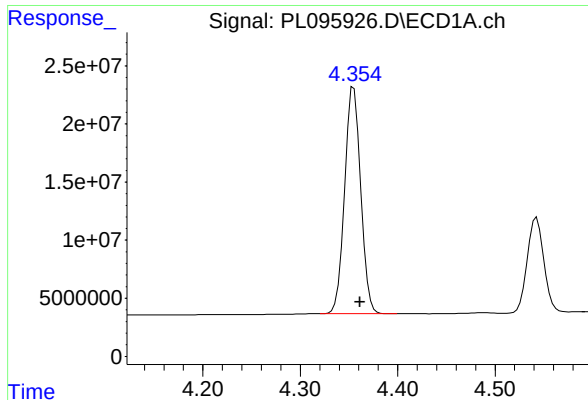
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 242059774
Conc: 49.93 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 313670623
Conc: 53.55 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 222866142
Conc: 49.84 ng/ml

Instrument :

ECD_L

ClientSampleId :

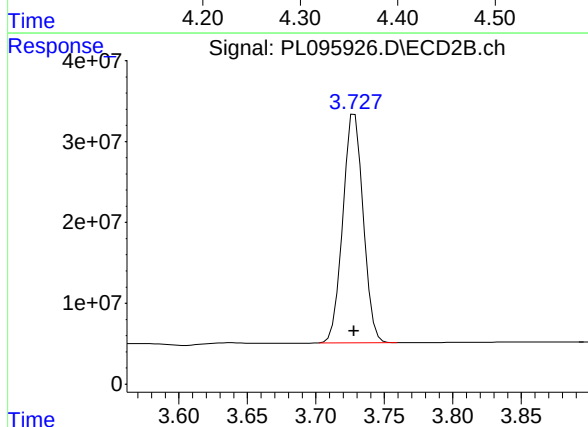
PB168289BS

Manual Integrations

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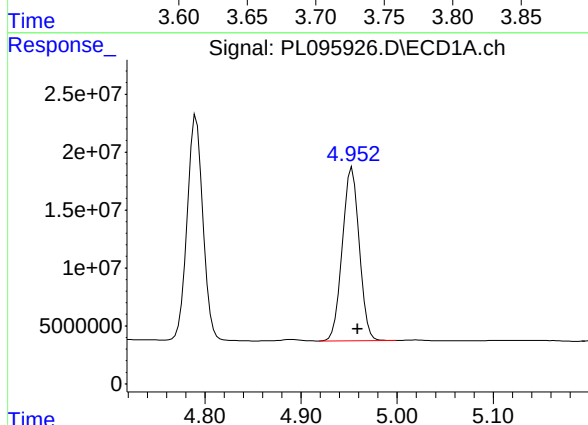
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025



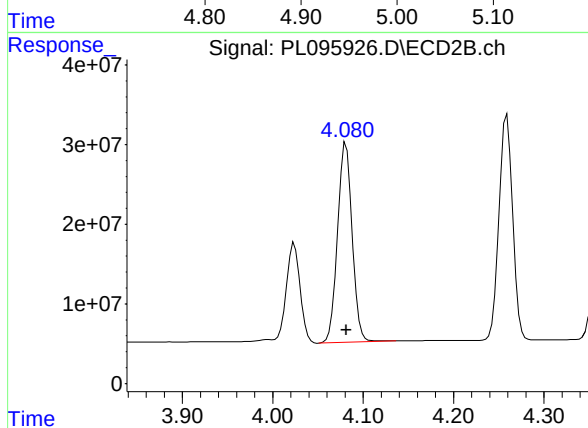
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 293716759
Conc: 52.44 ng/ml



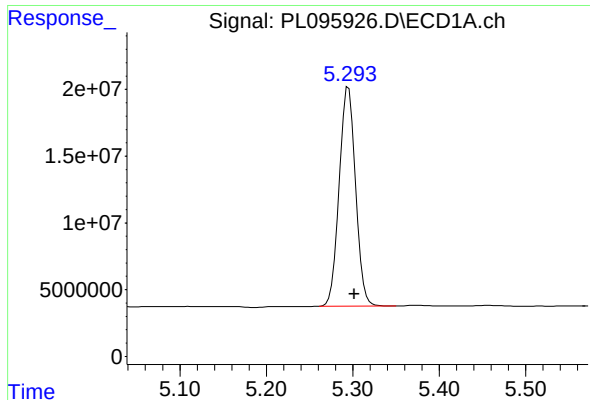
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 181257570
Conc: 47.89 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 281149285
Conc: 50.12 ng/ml



#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 213677769
Conc: 49.95 ng/ml

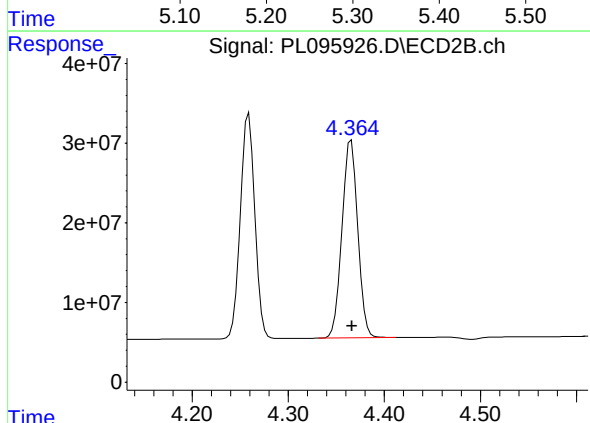
Instrument :

ECD_L

ClientSampleId :
PB168289BS

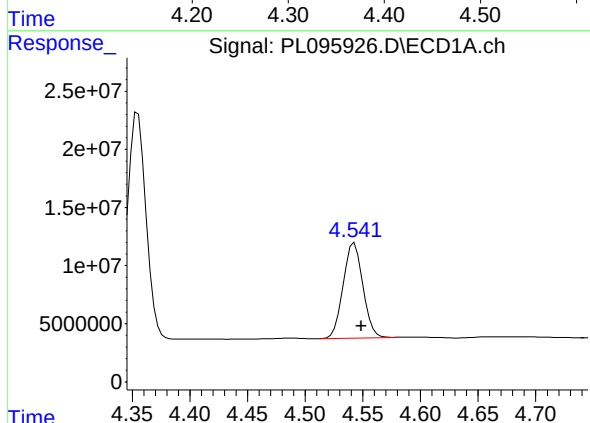
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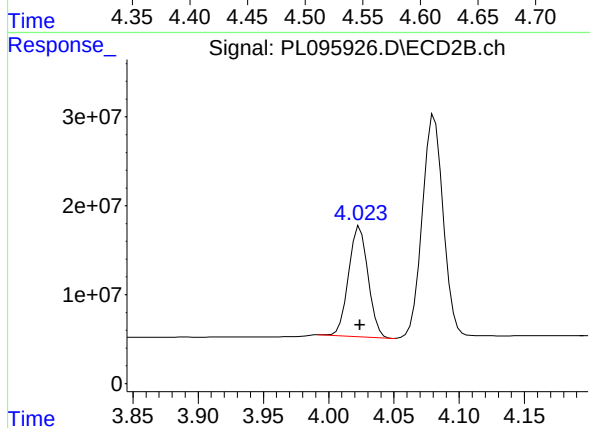
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 280757458
Conc: 52.90 ng/ml



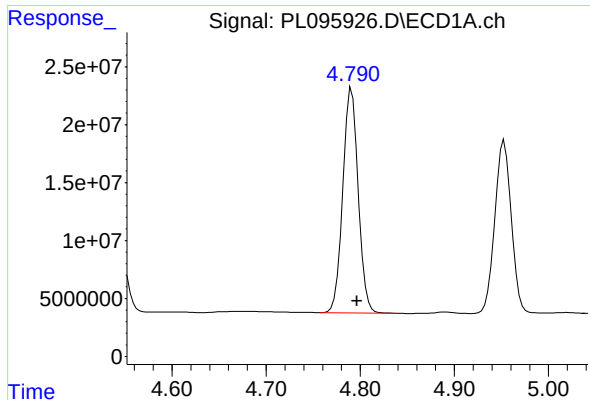
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 96611806
Conc: 49.01 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 129184739
Conc: 52.14 ng/ml



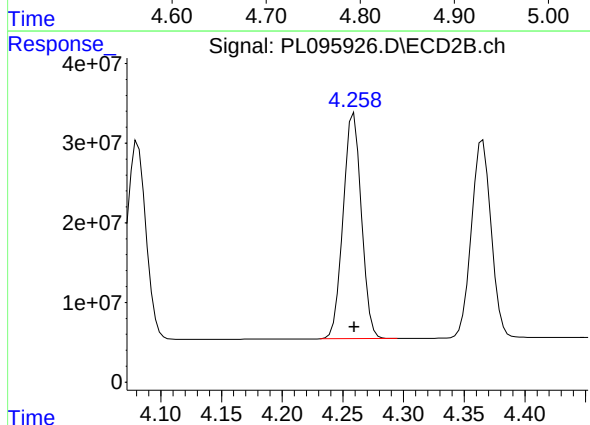
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 220637986
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

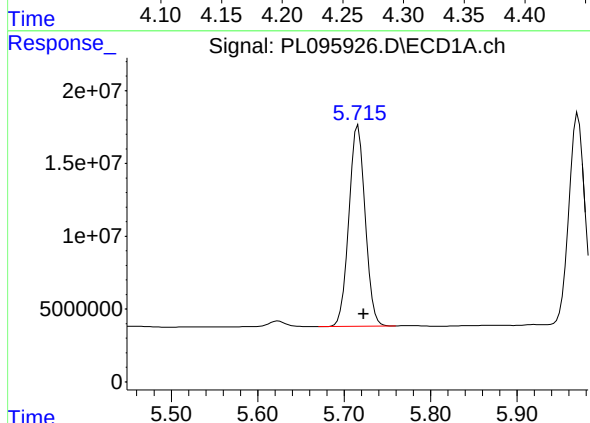
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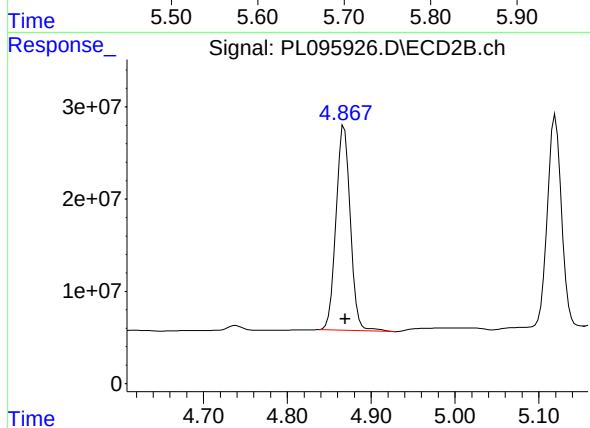
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 296489815
Conc: 52.50 ng/ml



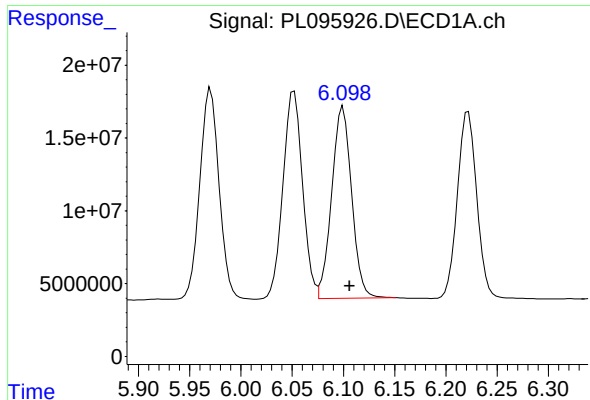
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 179977726
Conc: 47.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 264093585
Conc: 53.49 ng/ml



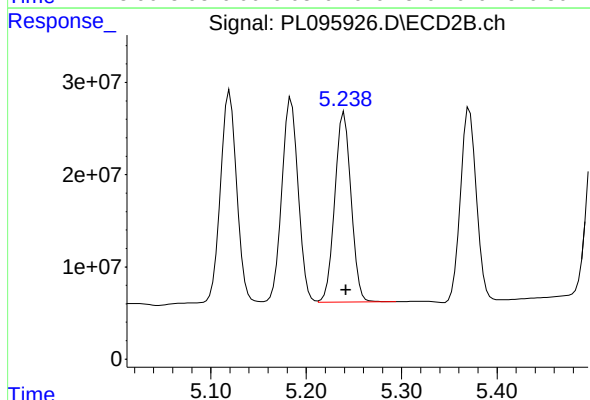
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 177715103
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

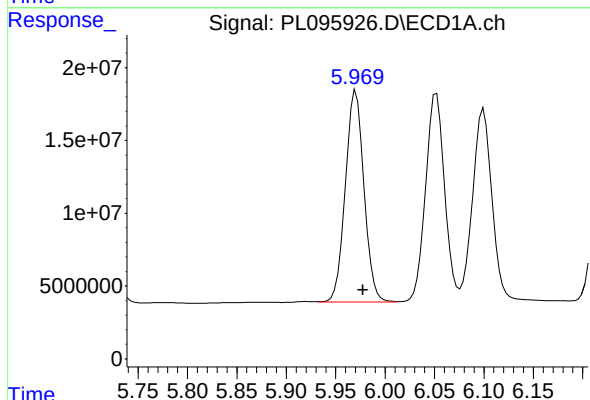
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Supervised By :mohammad ahmed 06/06/2025



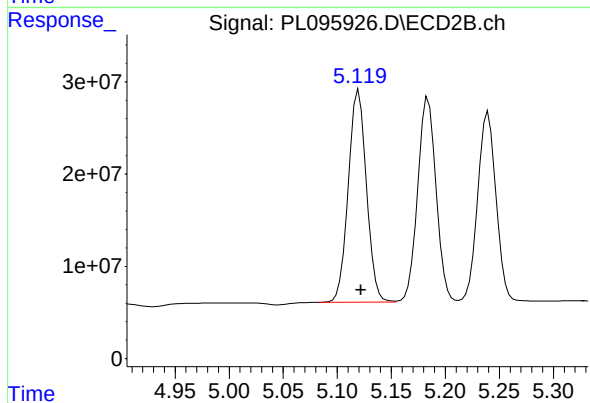
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 242796786
Conc: 50.95 ng/ml



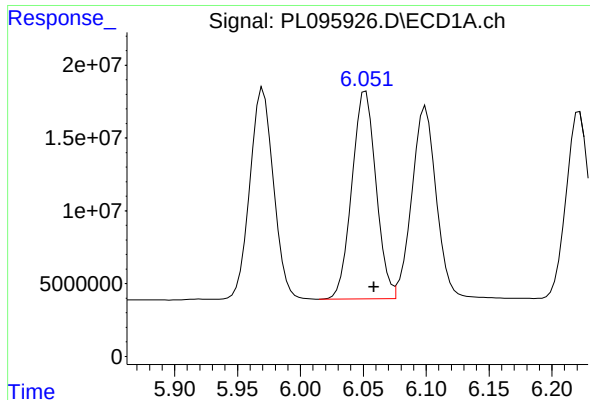
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 190296489
Conc: 48.89 ng/ml m



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 269107830
Conc: 51.23 ng/ml



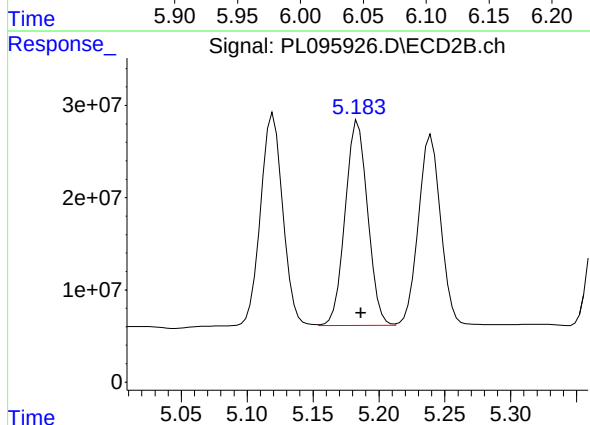
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 189778490
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

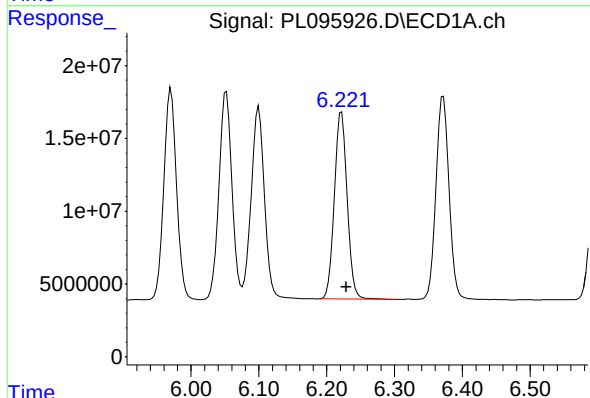
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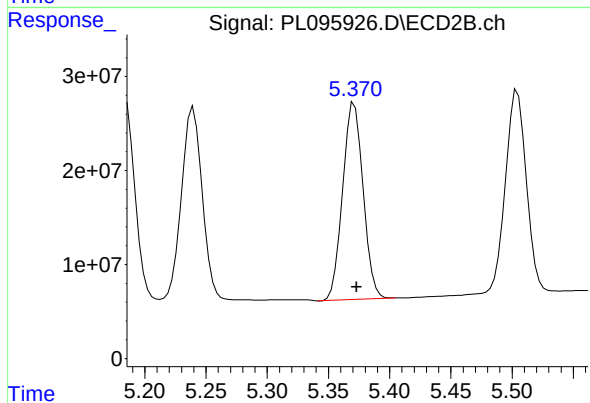
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 262758661
Conc: 50.50 ng/ml



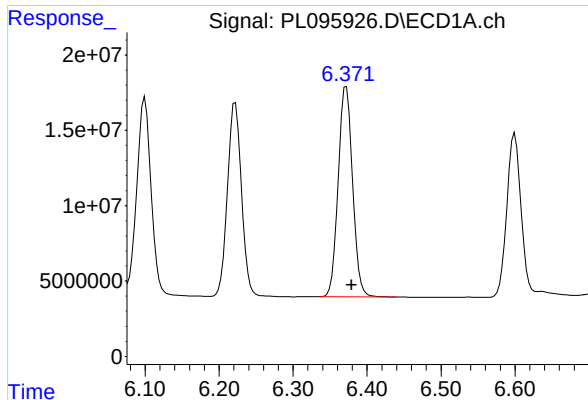
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 169786069
Conc: 46.29 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 243254747
Conc: 45.37 ng/ml



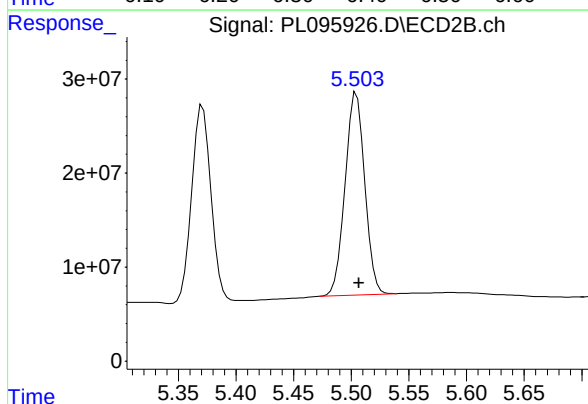
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 188643205
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

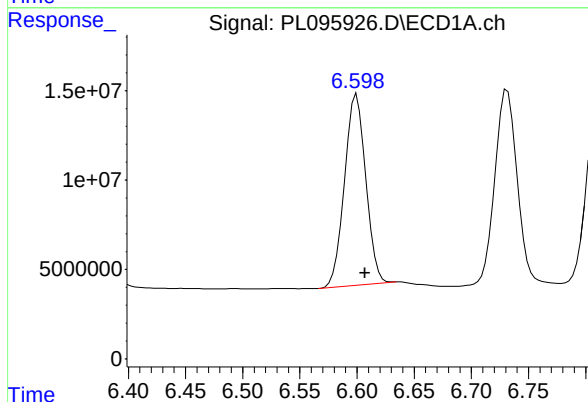
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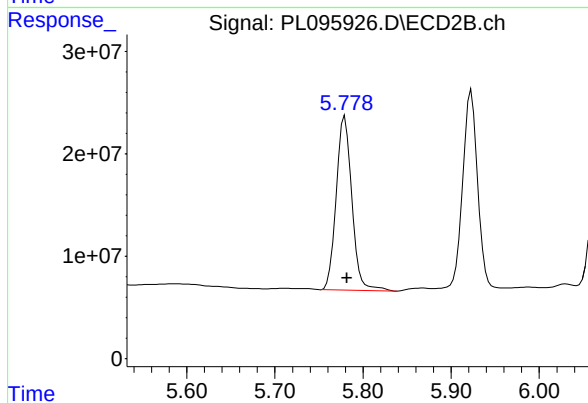
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 254231390
Conc: 47.97 ng/ml



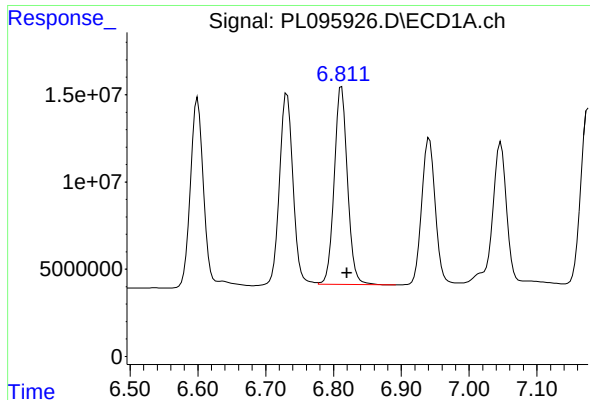
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 139435849
Conc: 43.21 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 210502540
Conc: 43.17 ng/ml



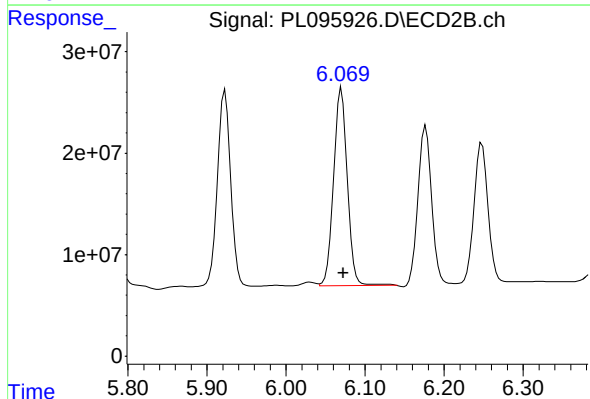
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 155032430
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

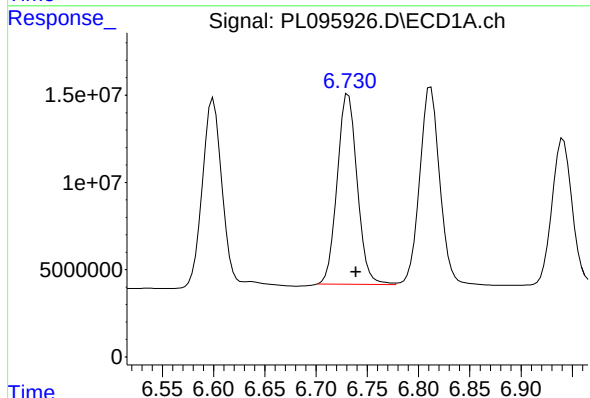
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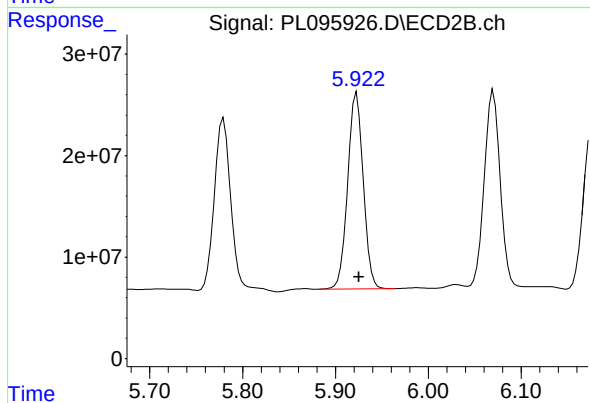
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 235409262
Conc: 49.54 ng/ml



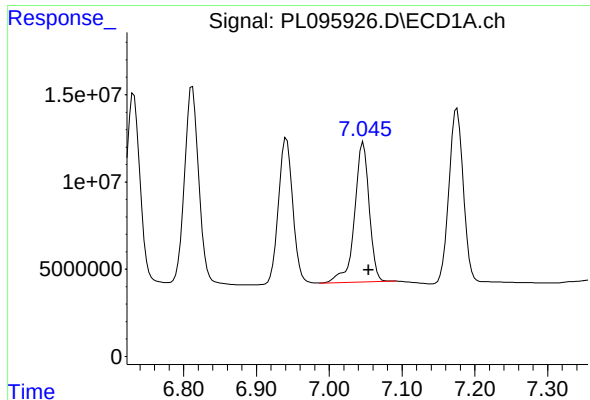
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.007 min
Response: 147290824
Conc: 50.26 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 225689133
Conc: 51.47 ng/ml



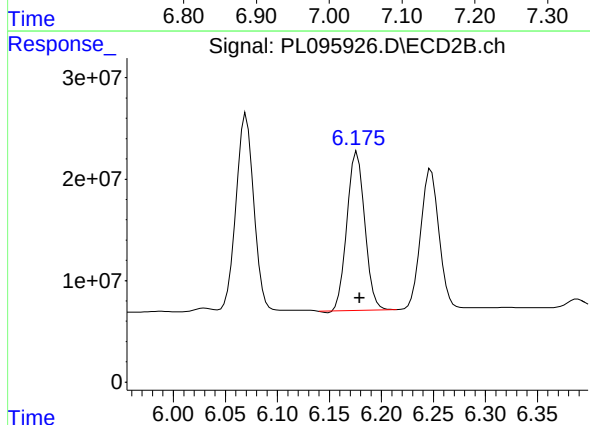
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 112475843
Conc: 41.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

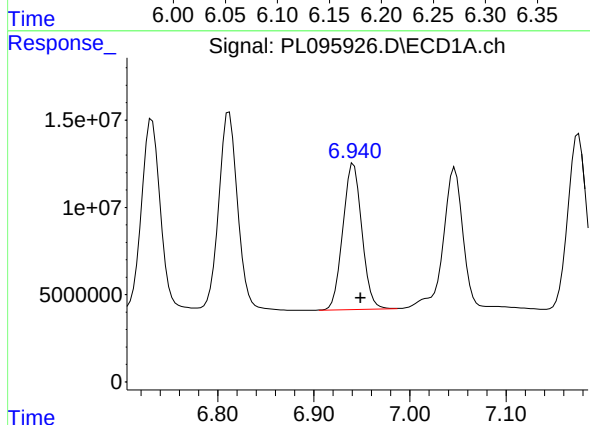
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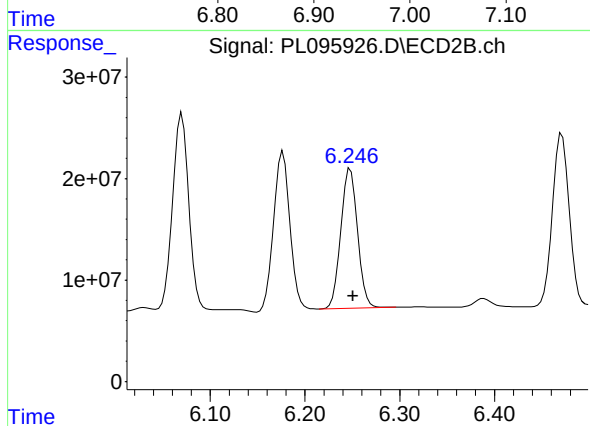
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 185366473
Conc: 38.76 ng/ml



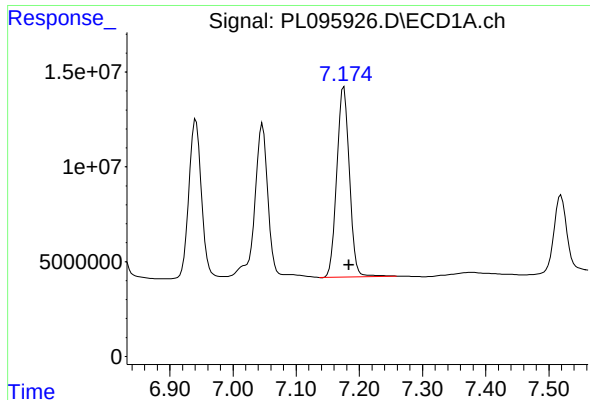
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: -0.007 min
Response: 114195503
Conc: 47.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 168304843
Conc: 48.72 ng/ml



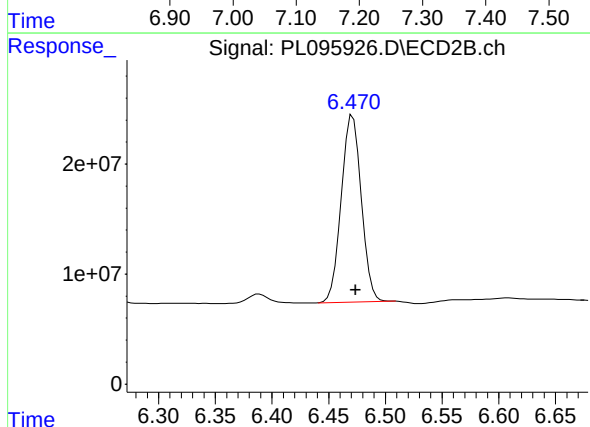
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 138779793
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

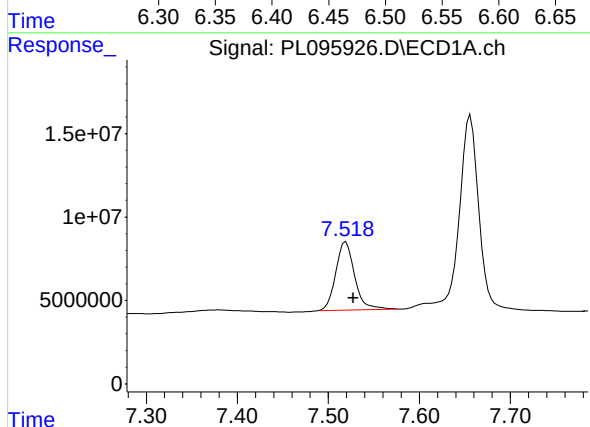
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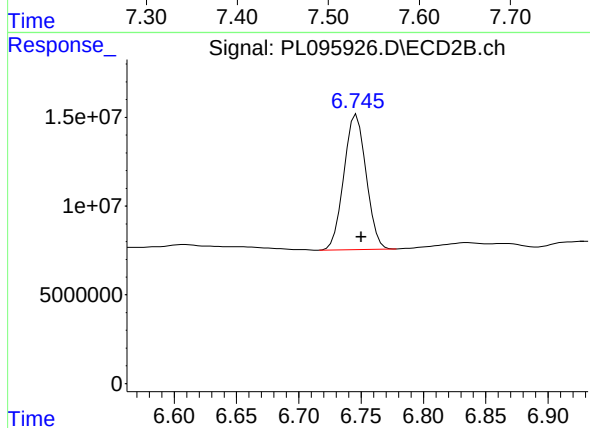
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 209029138
Conc: 46.51 ng/ml



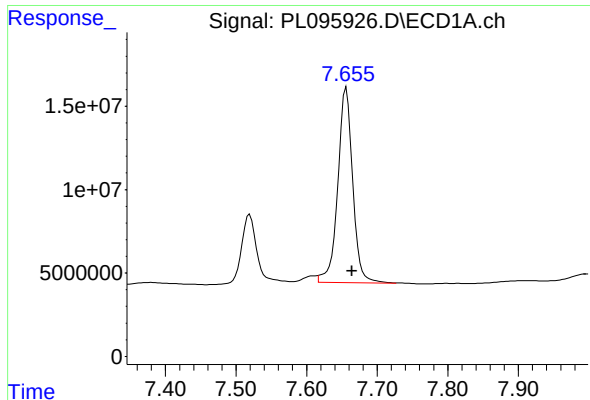
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.008 min
Response: 58824524
Conc: 46.13 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 94402726
Conc: 36.09 ng/ml



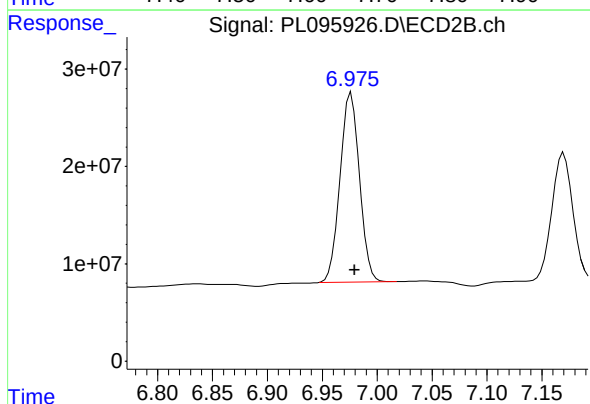
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 171296424
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

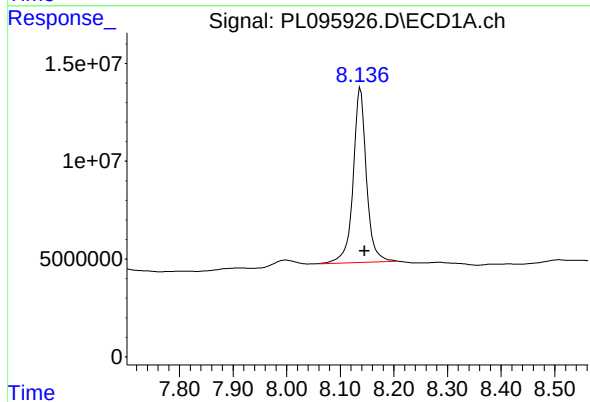
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



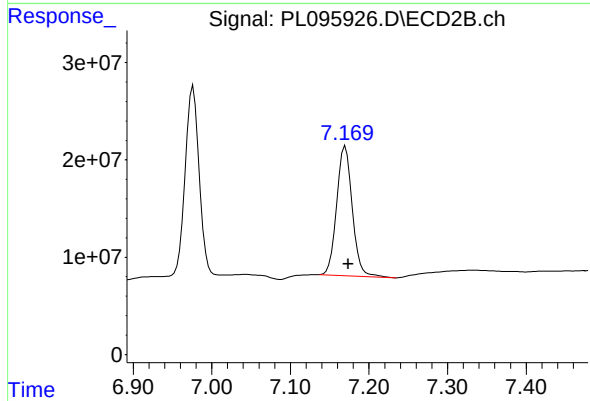
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 239708565
Conc: 46.33 ng/ml



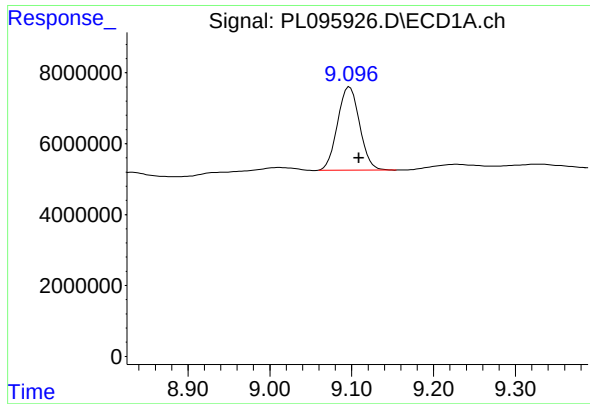
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 154701524
Conc: 66.86 ng/ml m



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 183520489
Conc: 45.20 ng/ml



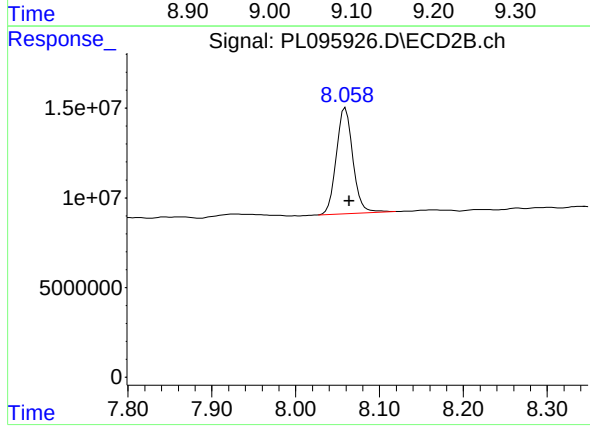
#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.012 min
Response: 44092906
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168289BS

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 81209974
Conc: 18.56 ng/ml