

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 23:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/03/2025
 Supervised By : mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 02:09:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.880	158.7E6	961.8E6	55.621	56.733m
28)	SA Decachlor...	9.074	8.072	175.9E6	842.7E6	44.780	42.627
Target Compounds							
2)	A alpha-BHC	4.000	3.392	328.4E6	1486.3E6	56.345	55.463m
3)	MA gamma-BHC...	4.331	3.729	312.1E6	1362.4E6	55.911	55.031m
4)	MA Heptachlor	4.930	4.083	292.3E6	1306.6E6	53.611	52.183
5)	MB Aldrin	5.272	4.369	295.3E6	1323.0E6	55.579	54.632
6)	B beta-BHC	4.517	4.026	118.0E6	543.5E6	53.478	50.576
7)	B delta-BHC	4.765	4.262	299.7E6	1349.6E6	58.394	54.259
8)	B Heptachlo...	5.691	4.871	250.0E6	1198.2E6	51.822	54.718m
9)	A Endosulfan I	6.075	5.245	236.2E6	903.2E6	52.412	43.333m
10)	B gamma-Chl...	5.947	5.124	250.8E6	1266.7E6	52.381	52.951m
11)	B alpha-Chl...	6.027	5.189	250.7E6	1210.2E6	51.820	52.853m
12)	B 4,4'-DDE	6.196	5.375	213.5E6	1233.1E6	48.959	53.809
13)	MA Dieldrin	6.348	5.511	246.1E6	1230.4E6	51.288	53.016m
14)	MA Endrin	6.574	5.790	198.9E6	1285.9E6	48.213m	59.221
15)	B Endosulfa...	6.787	6.081	199.3E6	1009.3E6	49.364	49.972
16)	A 4,4'-DDD	6.706	5.930	185.0E6	942.8E6	53.903	49.287
17)	MA 4,4'-DDT	7.022	6.183	160.9E6	912.2E6	42.477	44.980
18)	B Endrin al...	6.916	6.259	144.4E6	754.9E6	47.121	49.301
19)	B Endosulfa...	7.150	6.482	180.1E6	950.0E6	46.939	48.417
20)	A Methoxychlor	7.494	6.754	96806855	534.1E6	47.909	49.601
21)	B Endrin ke...	7.631	6.991	190.5E6	1004.8E6	46.781	46.516
22)	Mirex	8.114	7.185	136.7E6	735.6E6	44.963	44.108

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
Data File : PD089324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 23:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 21 Sample Multiplier: 1

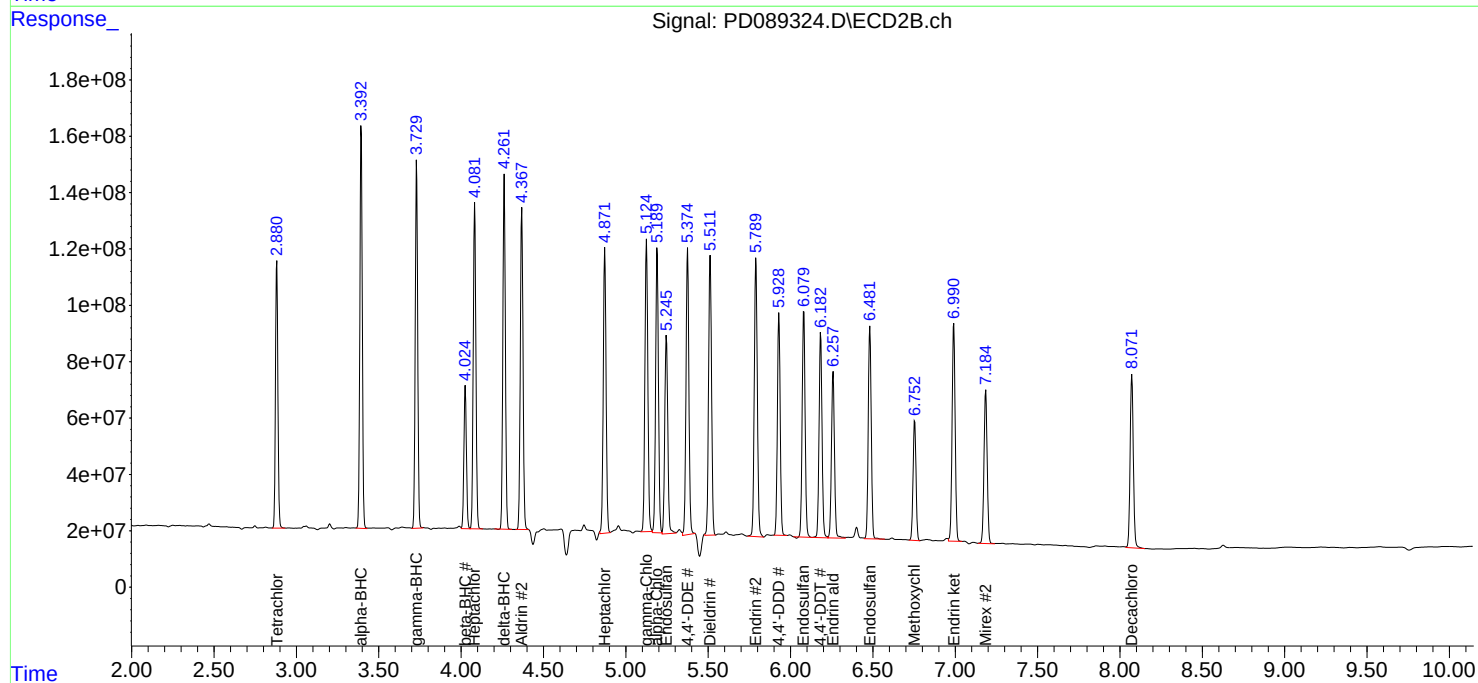
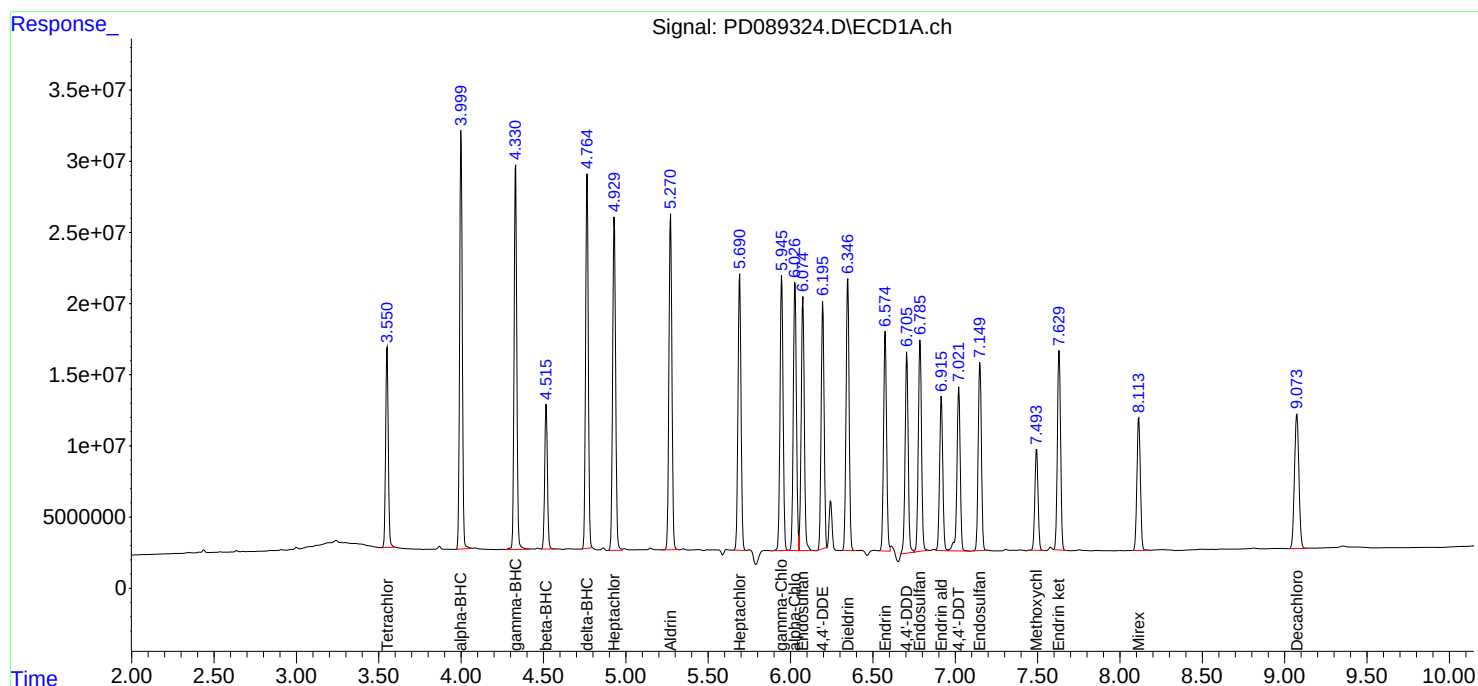
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

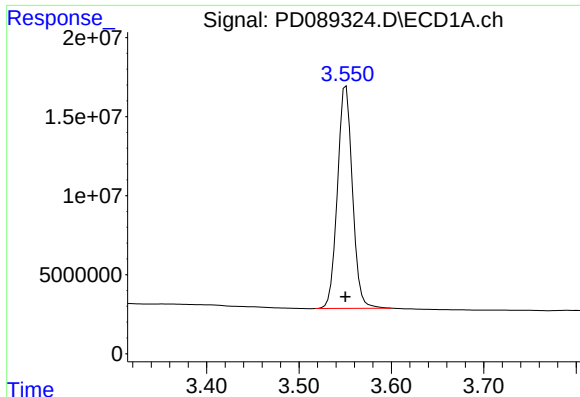
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 02:09:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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 x 0.25µm





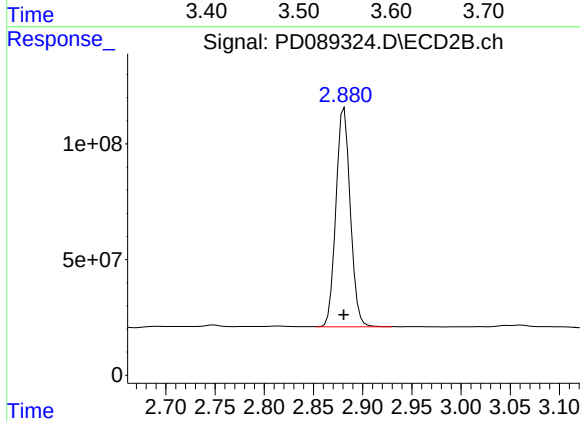
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 158692648
Conc: 55.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

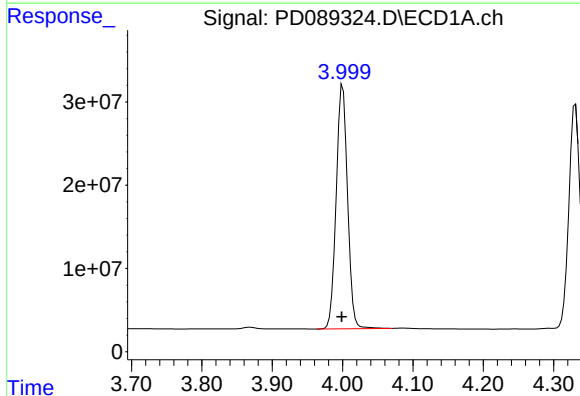
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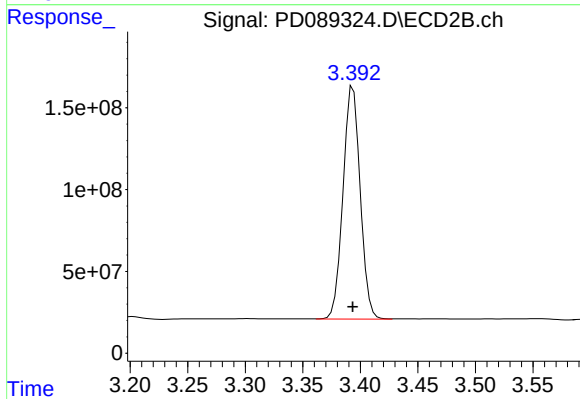
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 961808863
Conc: 56.73 ng/ml m



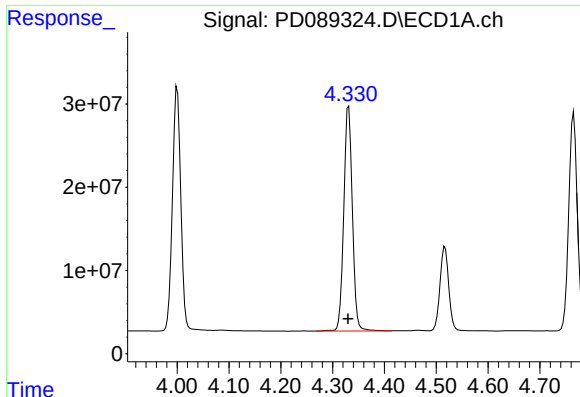
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.001 min
Response: 328438545
Conc: 56.34 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 1486254765
Conc: 55.46 ng/ml m



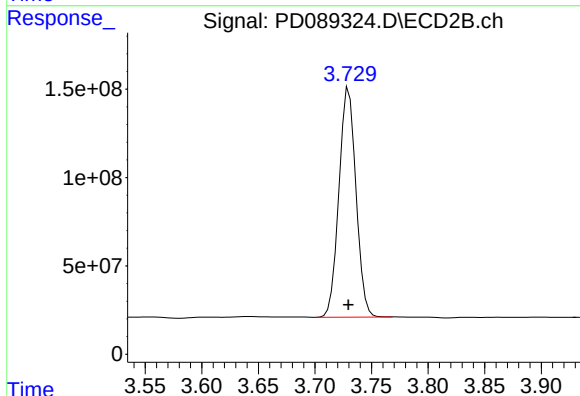
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 312077563
Conc: 55.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

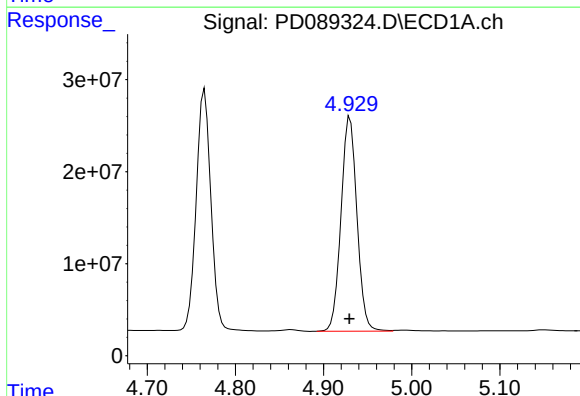
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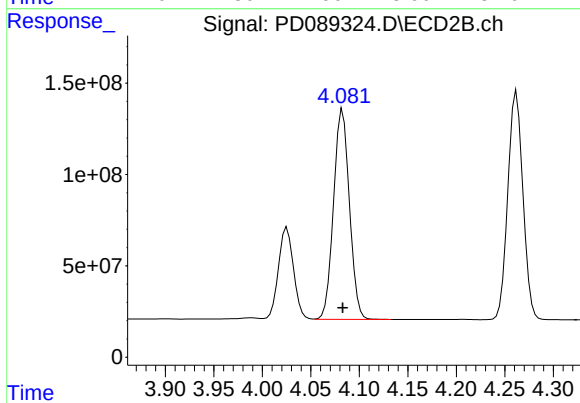
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1362409608
Conc: 55.03 ng/ml m



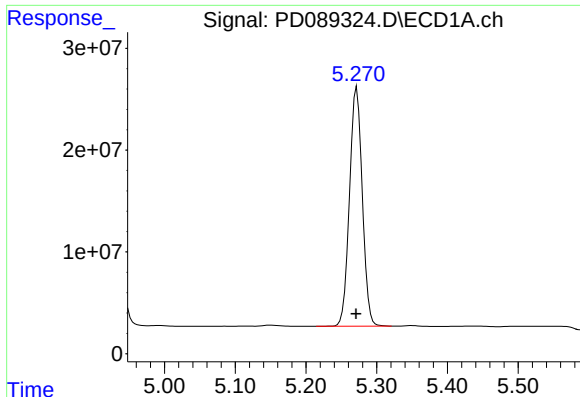
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 292287310
Conc: 53.61 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1306583947
Conc: 52.18 ng/ml



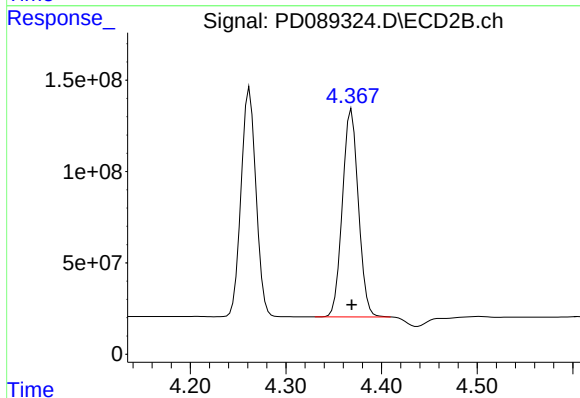
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 295289974
Conc: 55.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

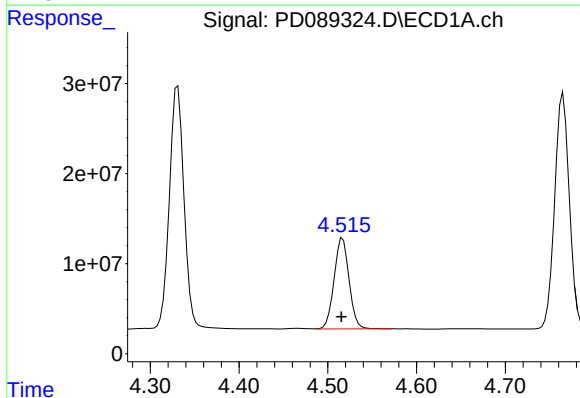
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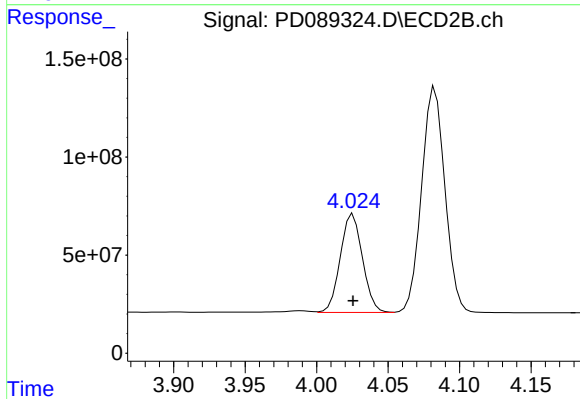
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1323034412
Conc: 54.63 ng/ml



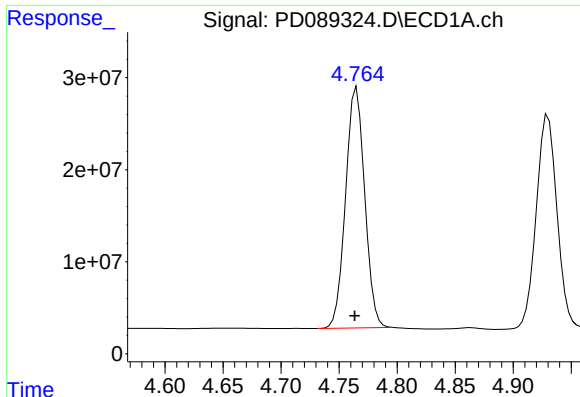
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 118033448
Conc: 53.48 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 543501761
Conc: 50.58 ng/ml



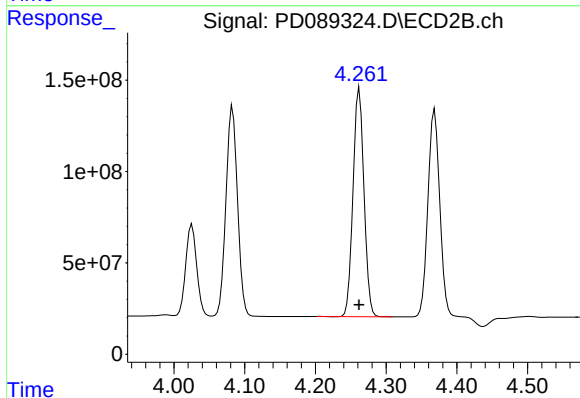
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 299731516
Conc: 58.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

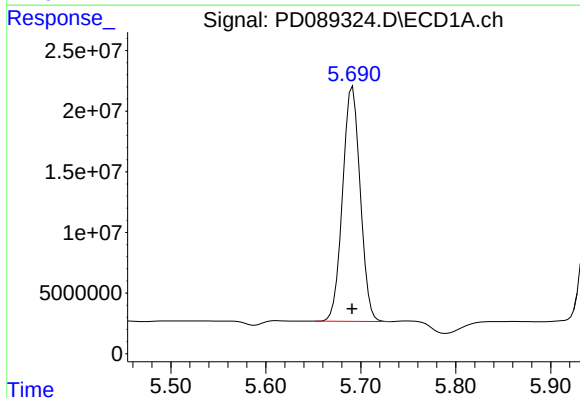
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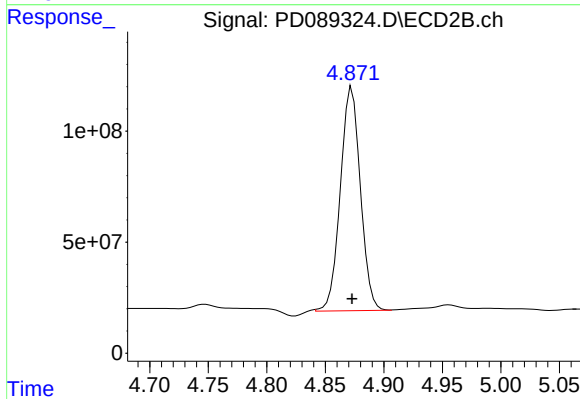
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1349619466
Conc: 54.26 ng/ml



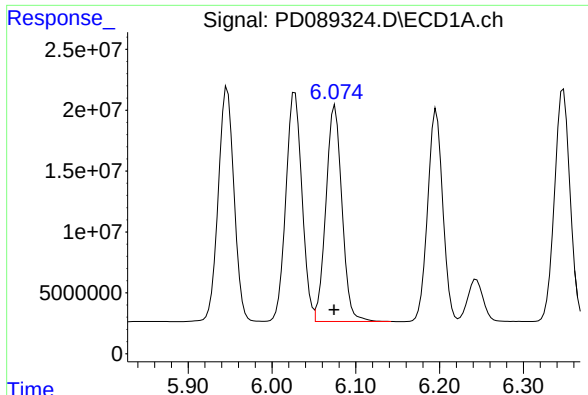
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 249987177
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.001 min
Response: 1198215330
Conc: 54.72 ng/ml m



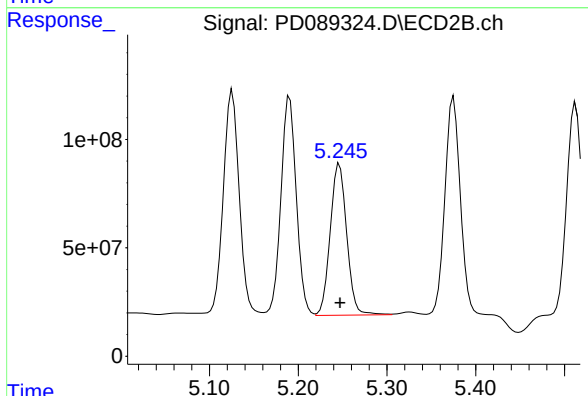
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 236246141
Conc: 52.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

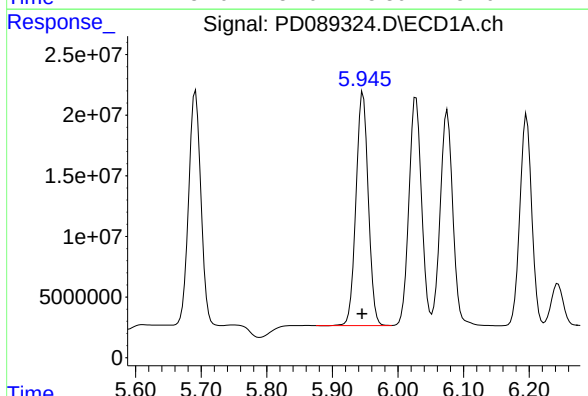
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Supervised By :mohammad ahmed 07/04/2025



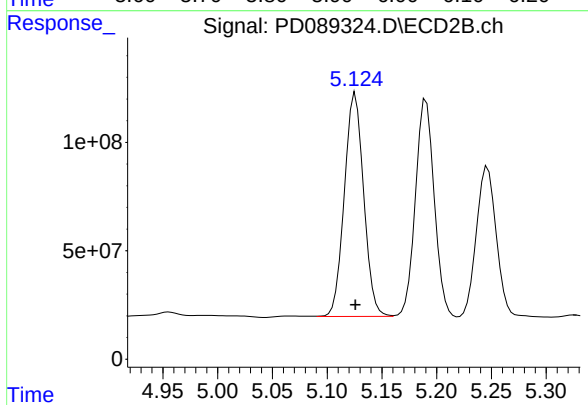
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 903168215
Conc: 43.33 ng/ml m



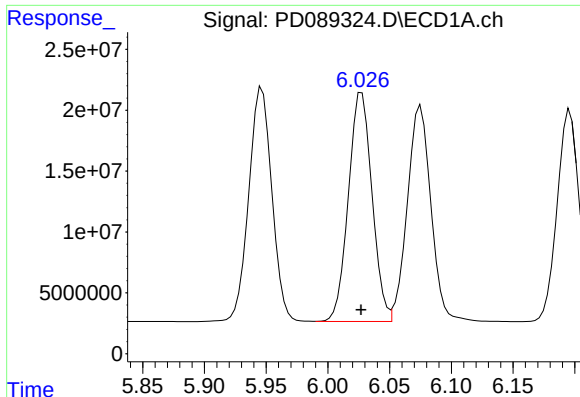
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 250807213
Conc: 52.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 1266731836
Conc: 52.95 ng/ml m



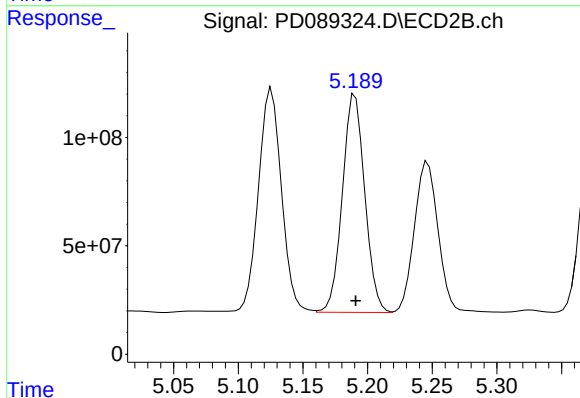
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 250733386
Conc: 51.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

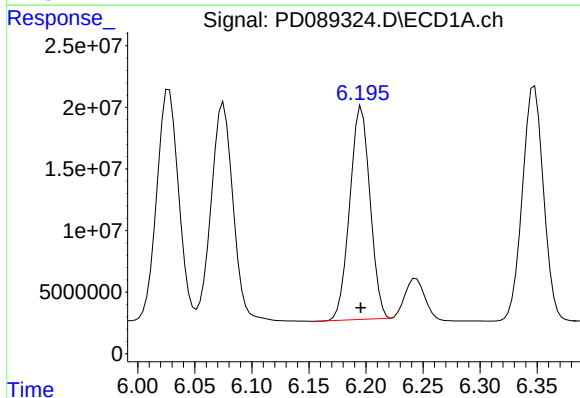
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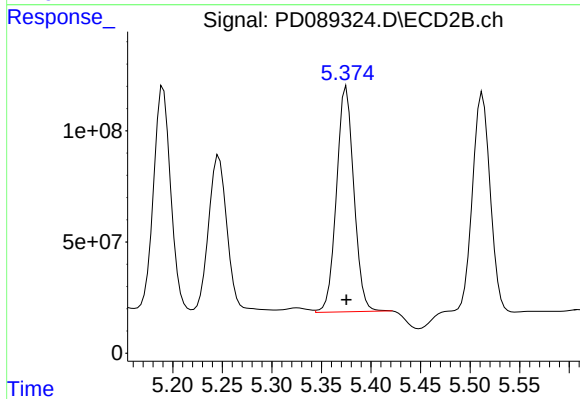
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1210174136
Conc: 52.85 ng/ml m



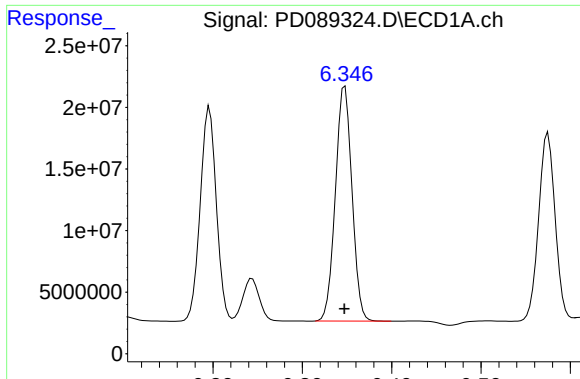
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 213512518
Conc: 48.96 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1233095341
Conc: 53.81 ng/ml



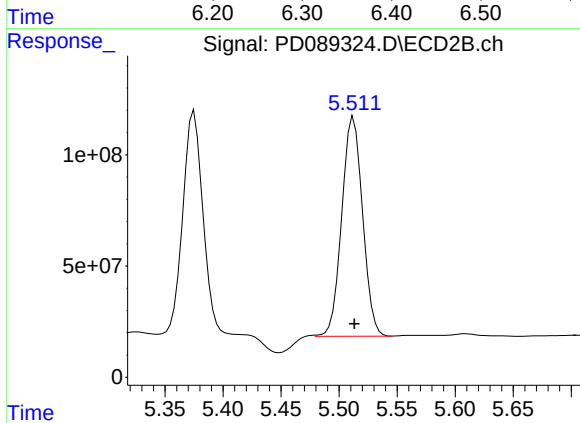
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 246053981
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

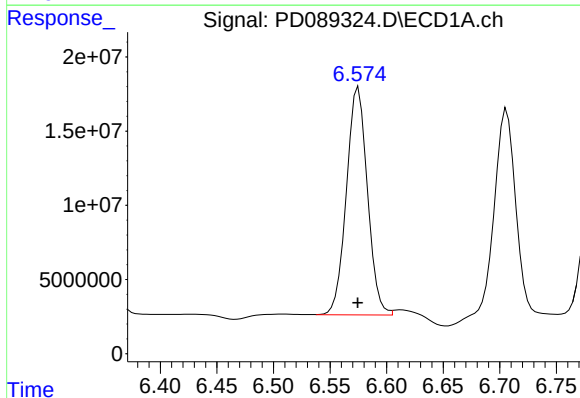
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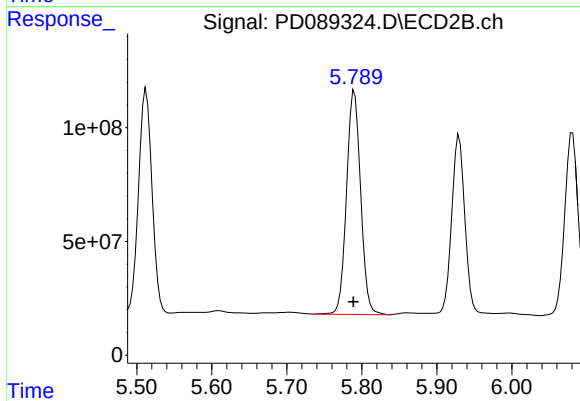
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1230429166
Conc: 53.02 ng/ml m



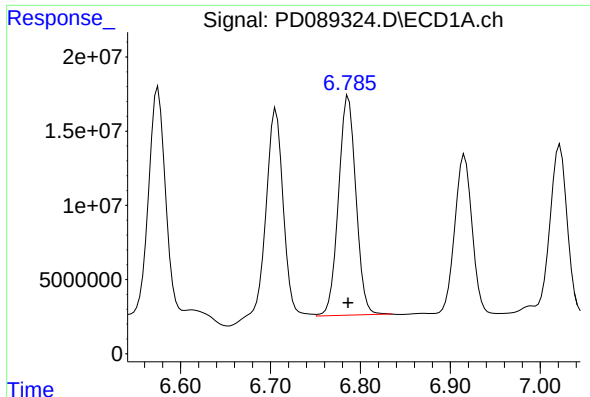
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 198906643
Conc: 48.21 ng/ml m



#14 Endrin

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 1285913928
Conc: 59.22 ng/ml



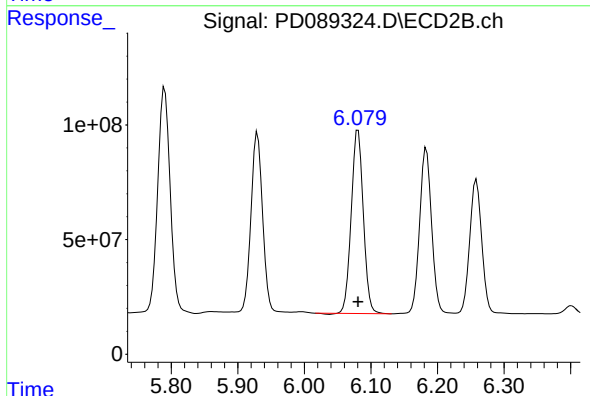
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 199262463
Conc: 49.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

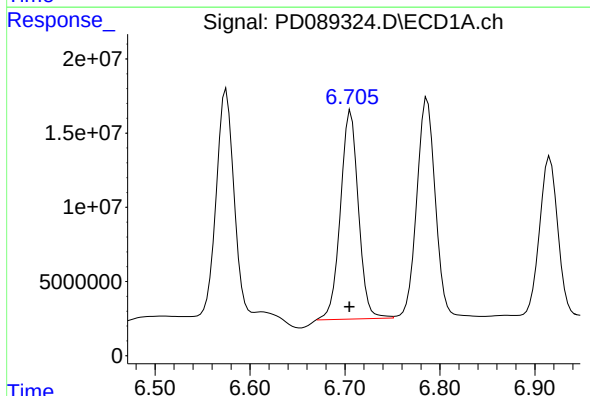
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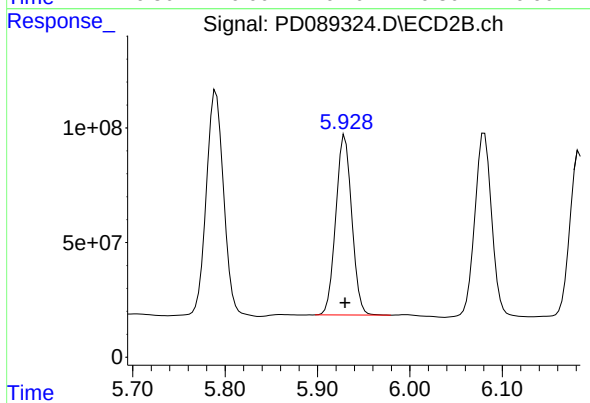
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 1009257723
Conc: 49.97 ng/ml



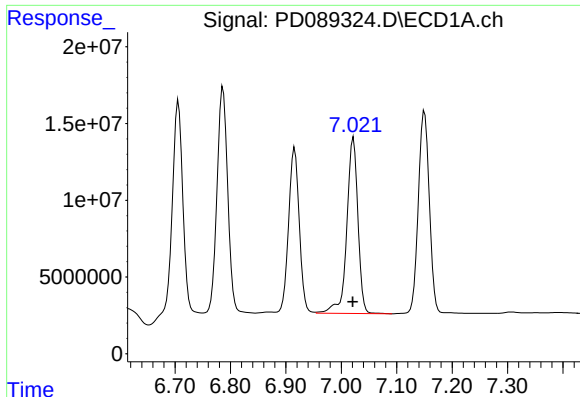
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 184998198
Conc: 53.90 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 942821372
Conc: 49.29 ng/ml



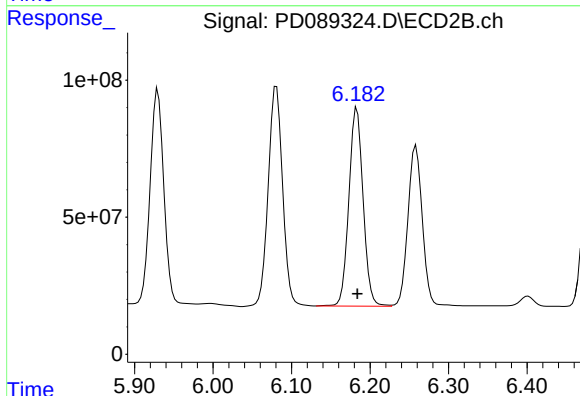
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 160912431
Conc: 42.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

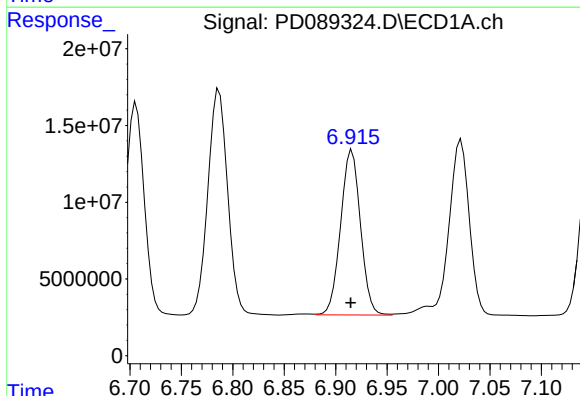
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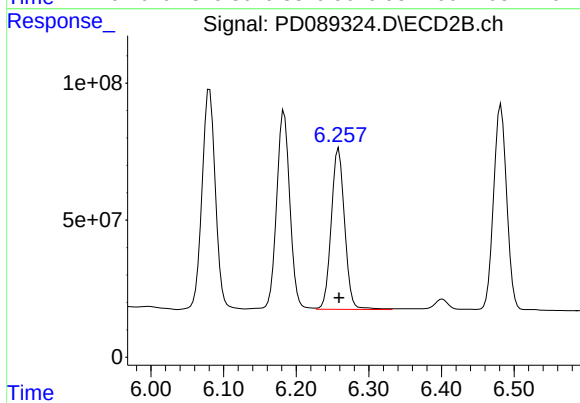
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 912158342
Conc: 44.98 ng/ml



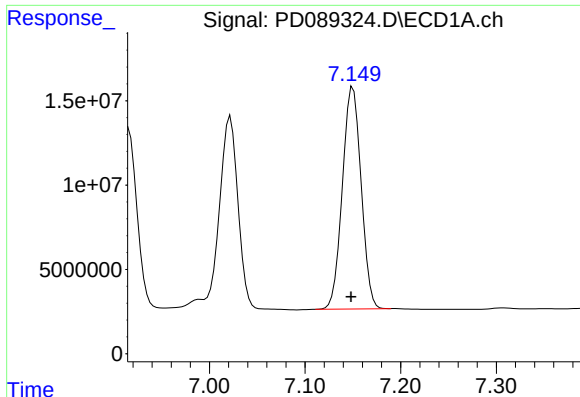
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 144375978
Conc: 47.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 754857501
Conc: 49.30 ng/ml



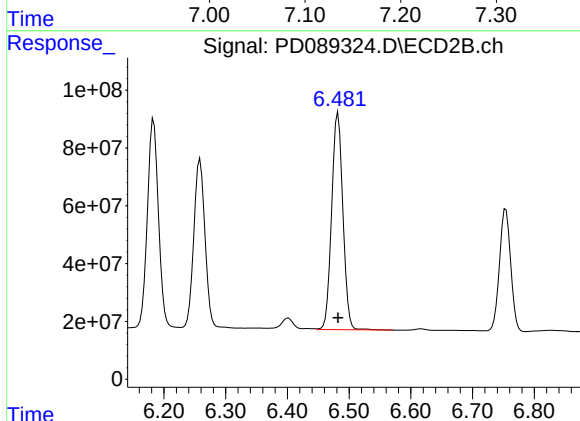
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 180116146
Conc: 46.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

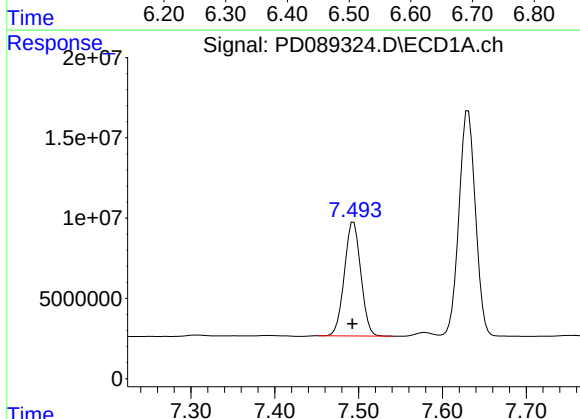
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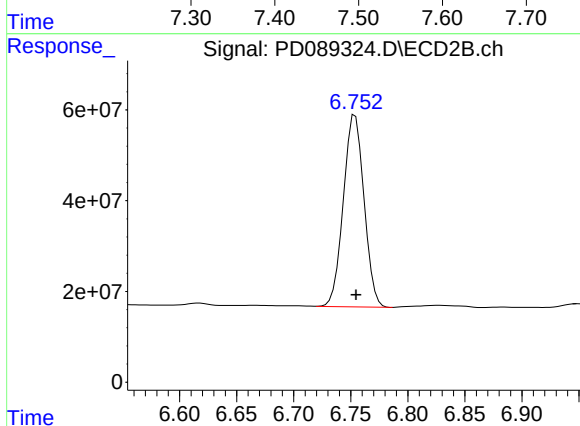
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 949997086
Conc: 48.42 ng/ml



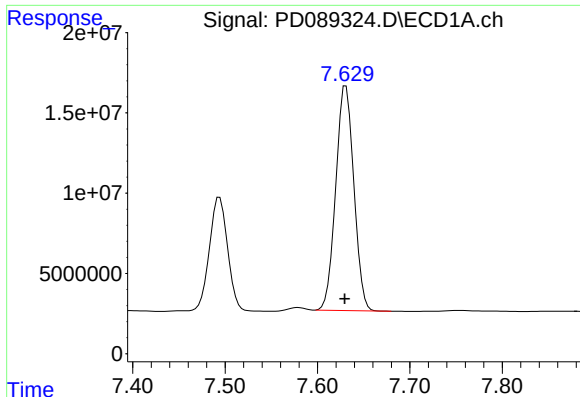
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.001 min
Response: 96806855
Conc: 47.91 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 534105596
Conc: 49.60 ng/ml



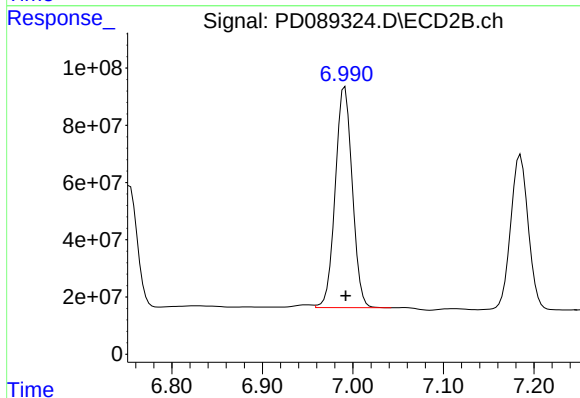
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.001 min
Response: 190542053
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

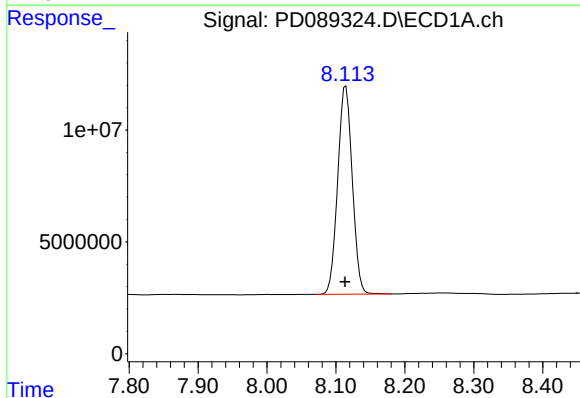
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Reviewed By :Abdul Mirza 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



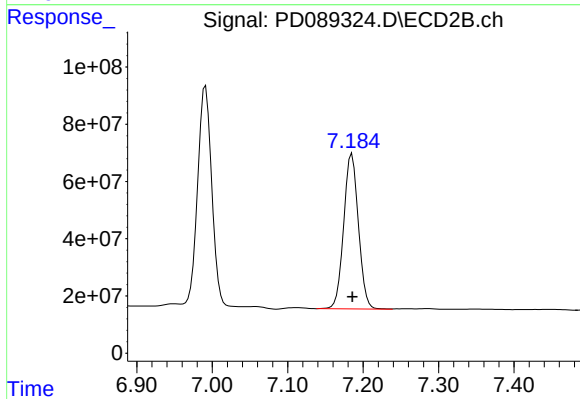
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 1004831077
Conc: 46.52 ng/ml



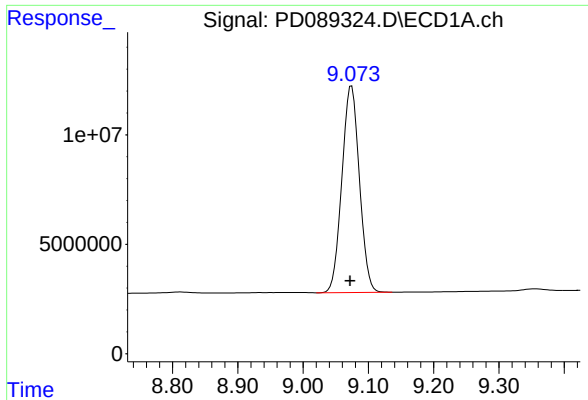
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.001 min
Response: 136694675
Conc: 44.96 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 735641006
Conc: 44.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 175880943
Conc: 44.78 ng/ml

Instrument :

ECD_D

ClientSampleId :

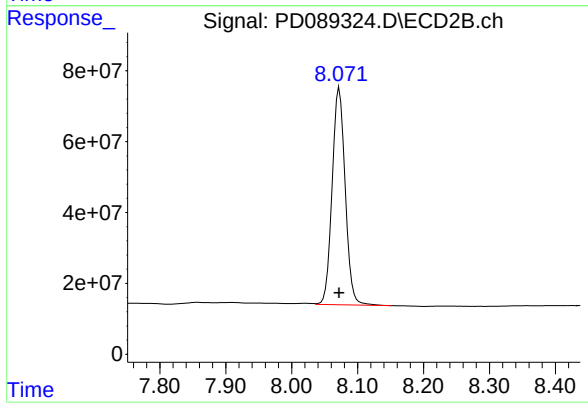
PSTDCCC050

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/04/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 842733601
Conc: 42.63 ng/ml