

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 09:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/23/2025
 Supervised By : mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 12:35:54 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...	3.550	2.880	141.7E6	864.5E6	49.650	50.995
28)	SA Decachlor...	9.075	8.073	190.3E6	1020.6E6	48.464	51.622
Target Compounds							
2)	A alpha-BHC	3.999	3.393	302.2E6	1372.6E6	51.850	51.223
3)	MA gamma-BHC...	4.330	3.729	286.8E6	1268.5E6	51.388	51.239
4)	MA Heptachlor	4.929	4.082	283.9E6	1260.9E6	52.066	50.358
5)	MB Aldrin	5.271	4.369	270.5E6	1234.2E6	50.907	50.965
6)	B beta-BHC	4.516	4.025	109.8E6	546.2E6	49.727	50.831
7)	B delta-BHC	4.764	4.262	276.0E6	1269.6E6	53.770	51.044
8)	B Heptachlo...	5.691	4.872	241.2E6	1121.2E6	50.001	51.200
9)	A Endosulfan I	6.075	5.246	226.7E6	1058.1E6	50.285	50.767
10)	B gamma-Chl...	5.946	5.125	239.1E6	1210.3E6	49.940	50.594
11)	B alpha-Chl...	6.027	5.190	243.0E6	1154.2E6	50.226	50.408
12)	B 4,4'-DDE	6.196	5.375	220.0E6	1150.3E6	50.440	50.196
13)	MA Dieldrin	6.348	5.512	243.5E6	1165.0E6	50.751	50.197
14)	MA Endrin	6.575	5.787	206.3E6	1055.7E6	50.000	48.620m
15)	B Endosulfa...	6.787	6.080	192.4E6	1008.1E6	47.657	49.914
16)	A 4,4'-DDD	6.706	5.929	173.6E6	941.4E6	50.587	49.211
17)	MA 4,4'-DDT	7.022	6.183	193.1E6	1024.1E6	50.972	50.498
18)	B Endrin al...	6.916	6.258	151.4E6	757.1E6	49.424	49.445
19)	B Endosulfa...	7.150	6.481	189.8E6	976.1E6	49.470	49.747
20)	A Methoxychlor	7.494	6.754	99376257	514.6E6	49.181	47.791
21)	B Endrin ke...	7.631	6.991	203.8E6	1073.7E6	50.038	49.706
22)	Mirex	8.114	7.185	149.7E6	833.0E6	49.233	49.948

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 09:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

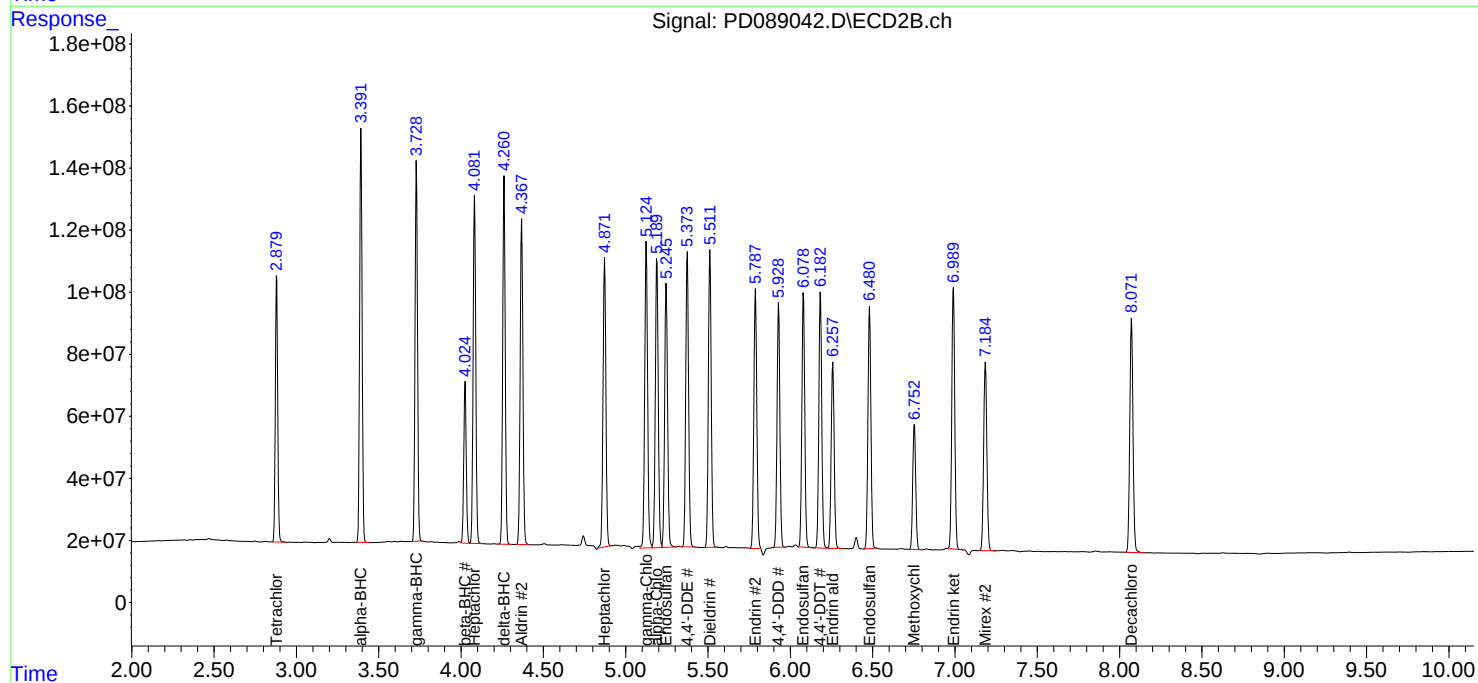
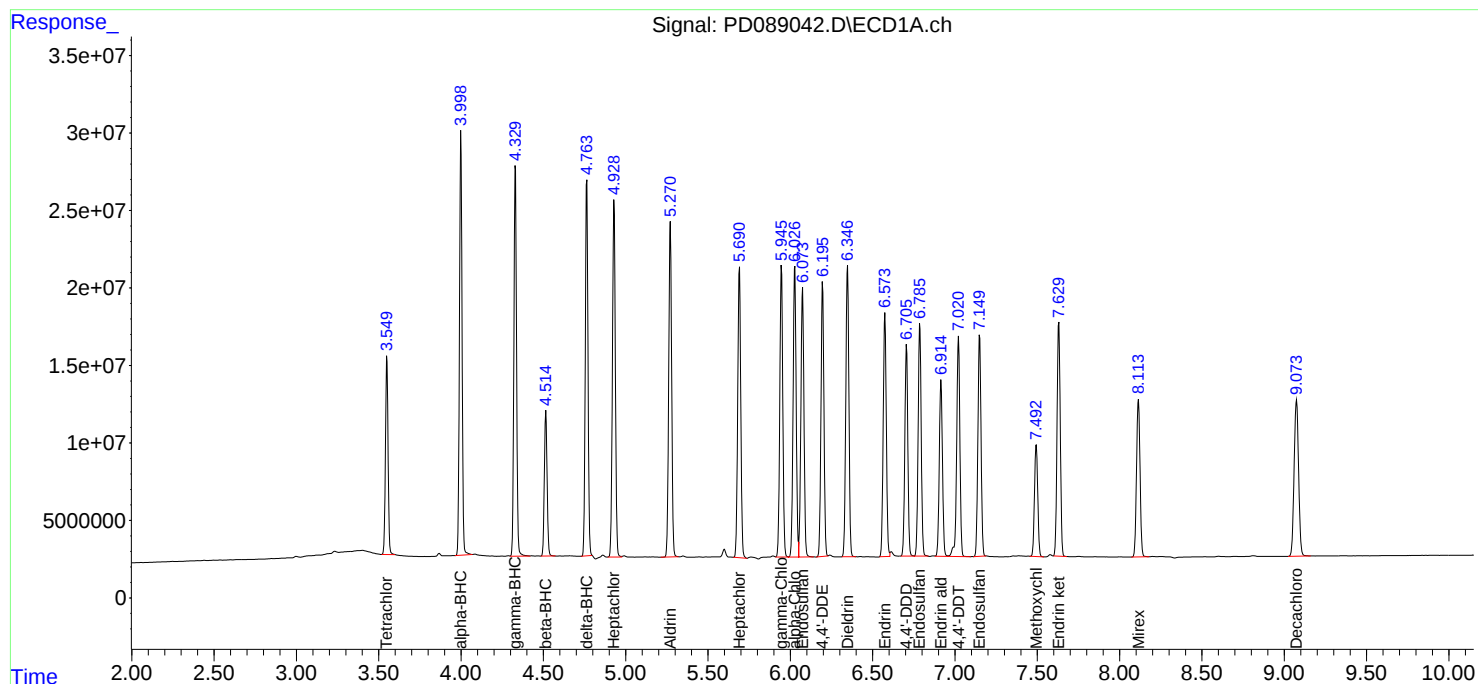
APPROVED

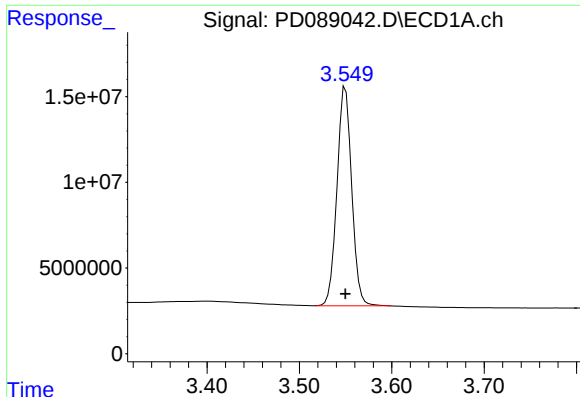
Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 12:35:54 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





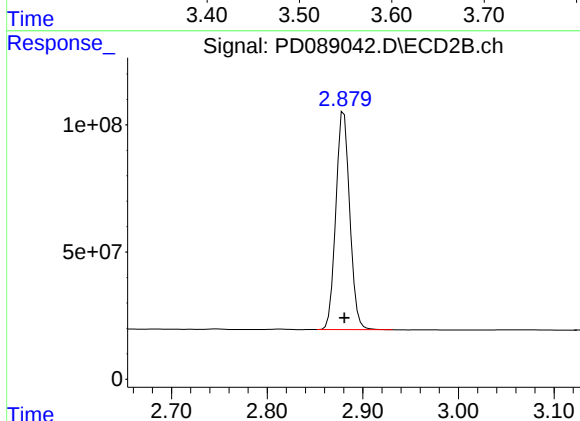
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 141658563
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

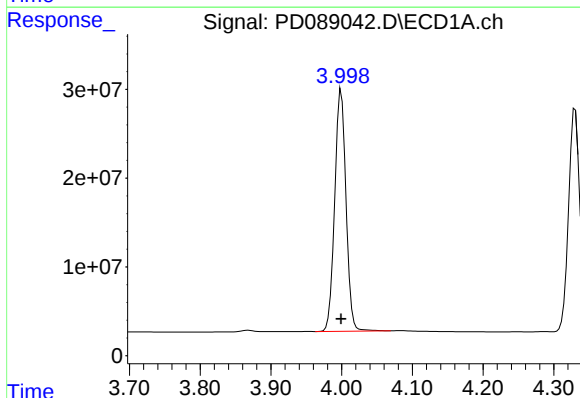
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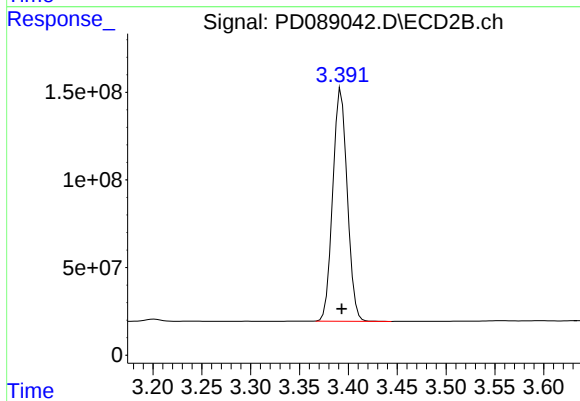
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 864523084
Conc: 50.99 ng/ml



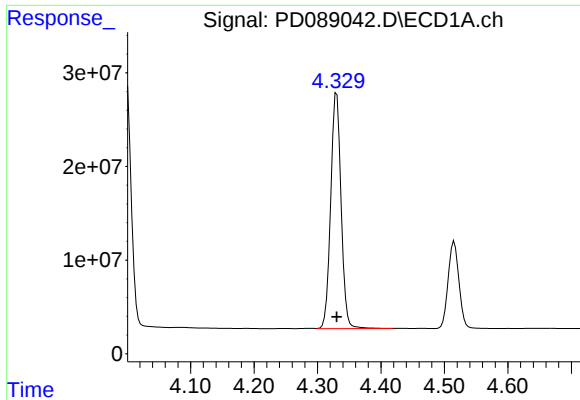
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 302235189
Conc: 51.85 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1372629787
Conc: 51.22 ng/ml



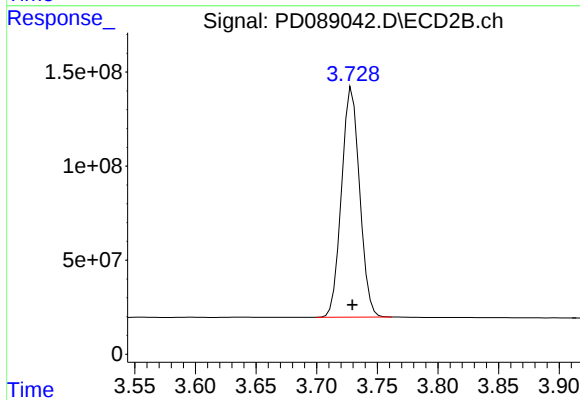
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 286833606
Conc: 51.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

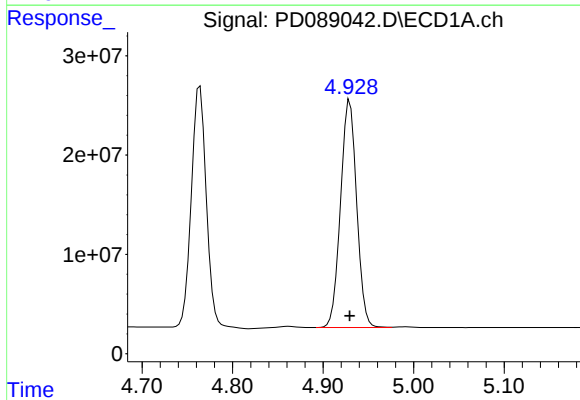
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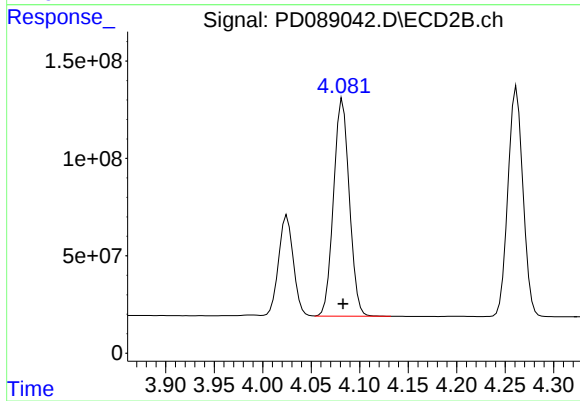
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1268523107
Conc: 51.24 ng/ml



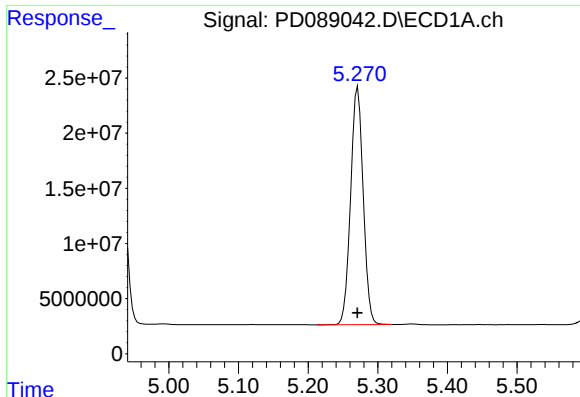
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 283862217
Conc: 52.07 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1260873429
Conc: 50.36 ng/ml



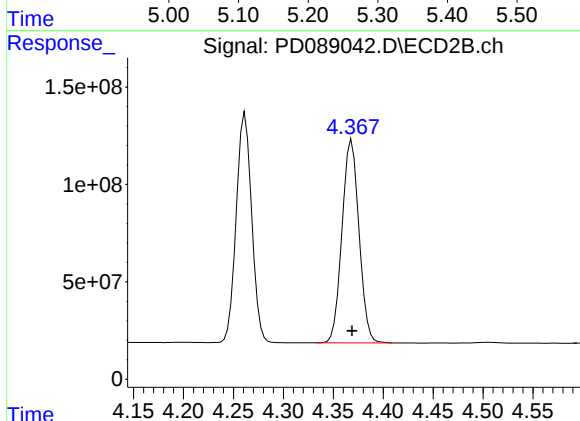
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 270470386
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
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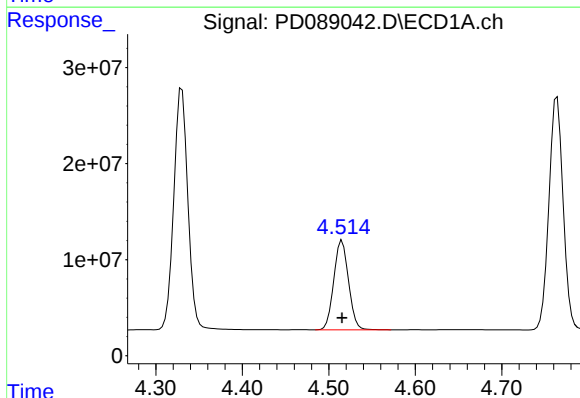
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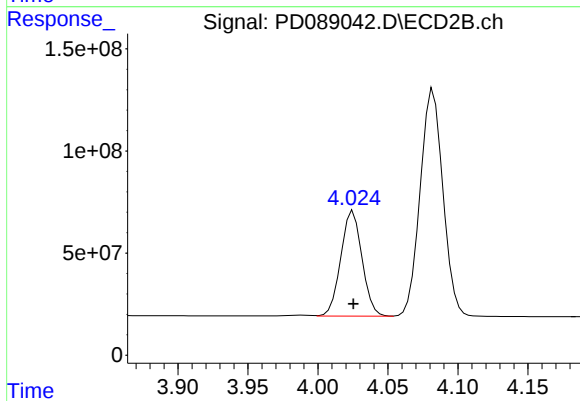
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1234224225
Conc: 50.96 ng/ml



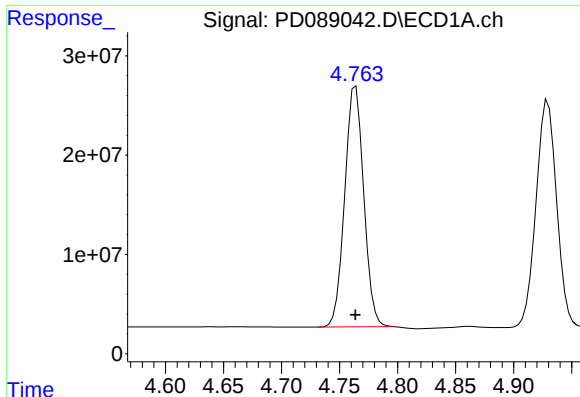
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 109754183
Conc: 49.73 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 546239908
Conc: 50.83 ng/ml



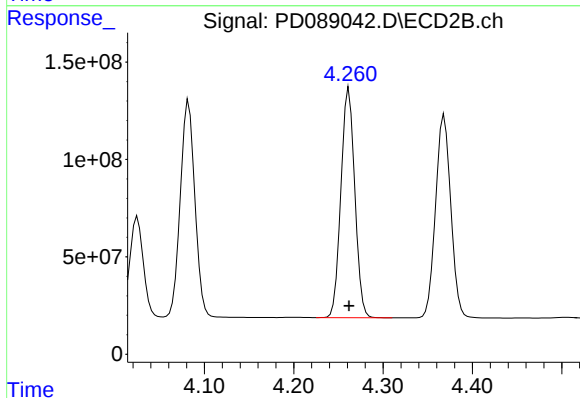
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 275996831
Conc: 53.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

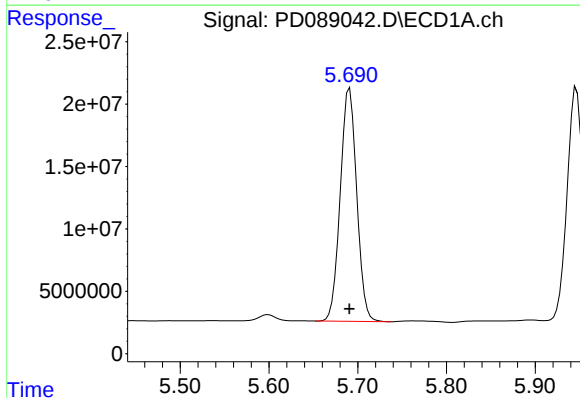
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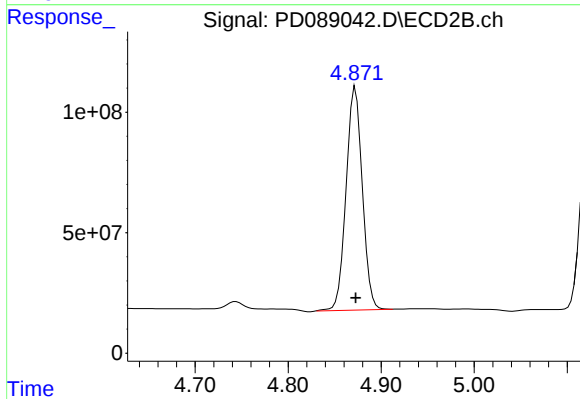
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1269639916
Conc: 51.04 ng/ml



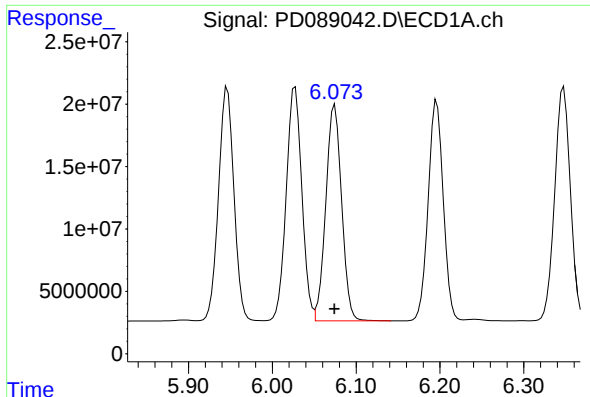
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 241202713
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1121179323
Conc: 51.20 ng/ml



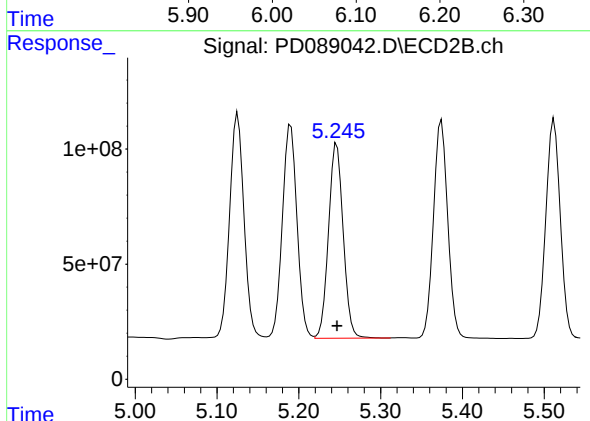
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 226659323
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

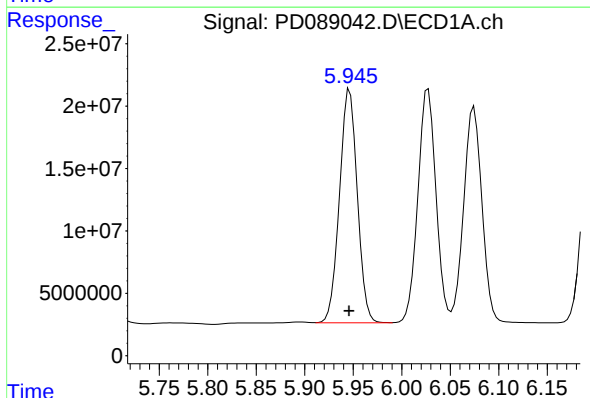
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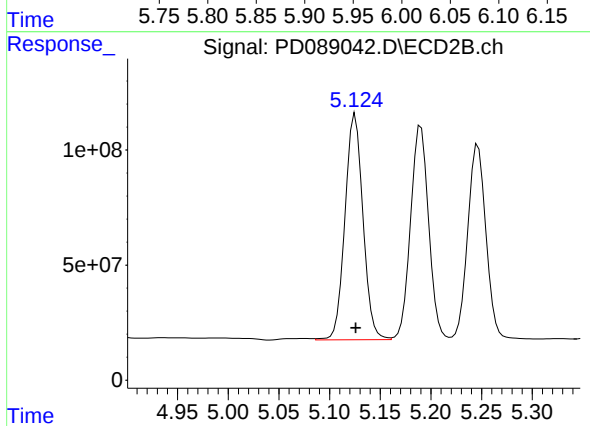
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 1058101489
Conc: 50.77 ng/ml



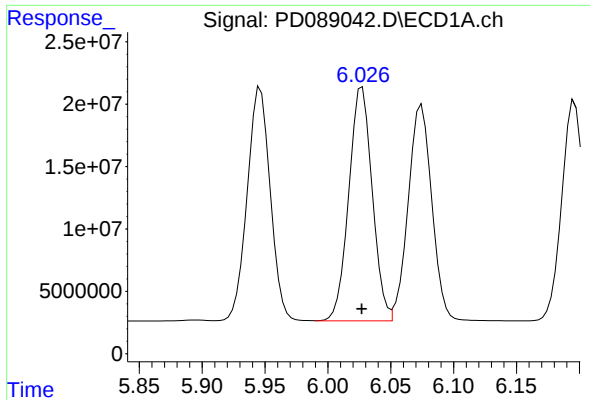
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 239119019
Conc: 49.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1210349529
Conc: 50.59 ng/ml



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 243018408
Conc: 50.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

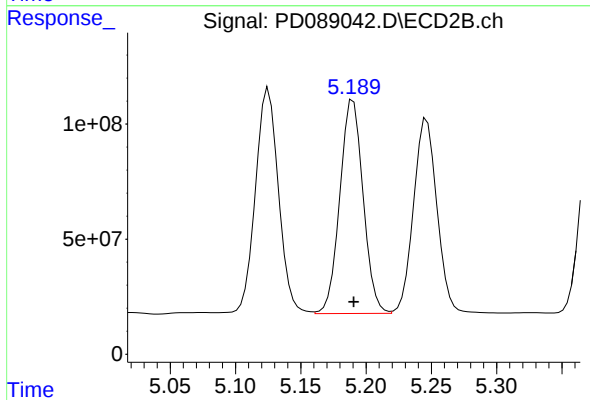
PSTDCCC050

Manual Integrations

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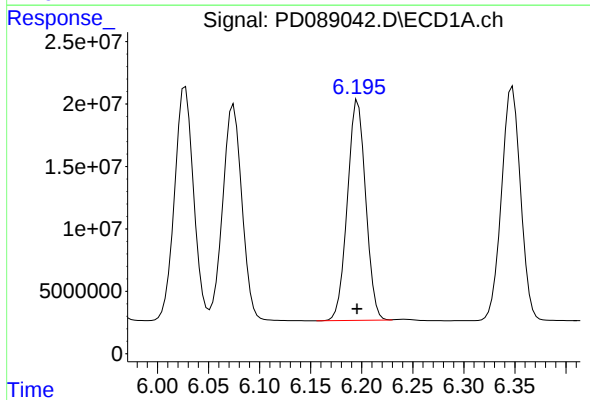
Reviewed By :Abdul Mirza 06/23/2025

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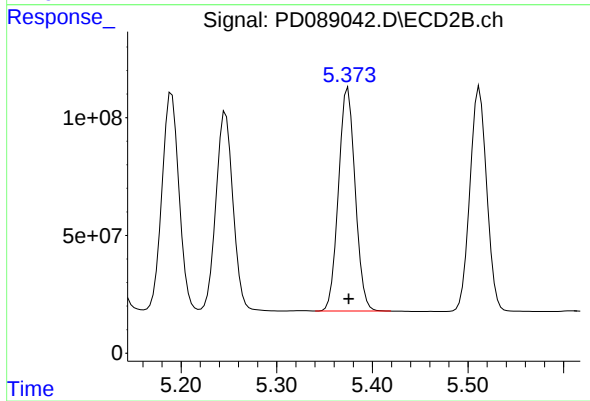
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1154192396
Conc: 50.41 ng/ml



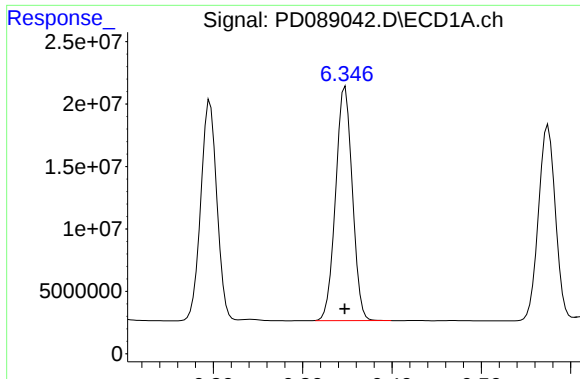
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 219970150
Conc: 50.44 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1150290376
Conc: 50.20 ng/ml



#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 243474440
Conc: 50.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

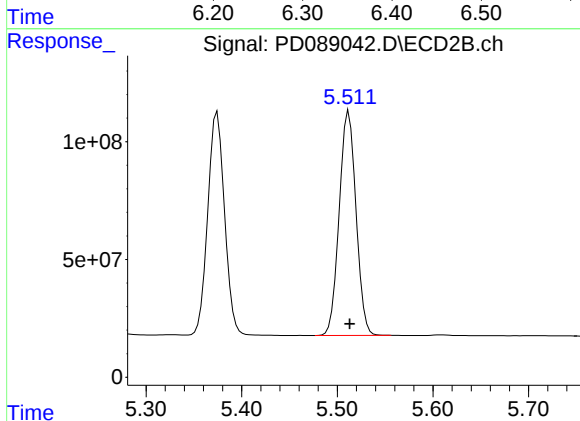
PSTDCCC050

Manual Integrations

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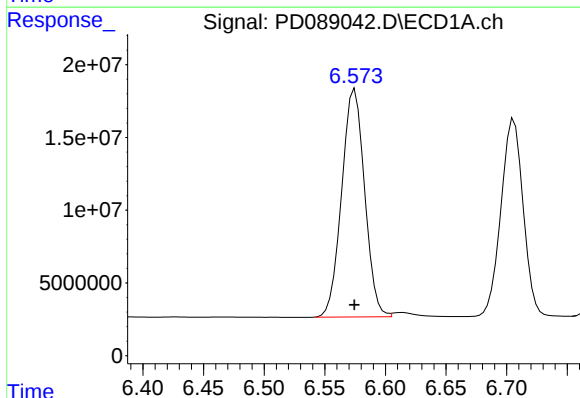
Reviewed By :Abdul Mirza 06/23/2025

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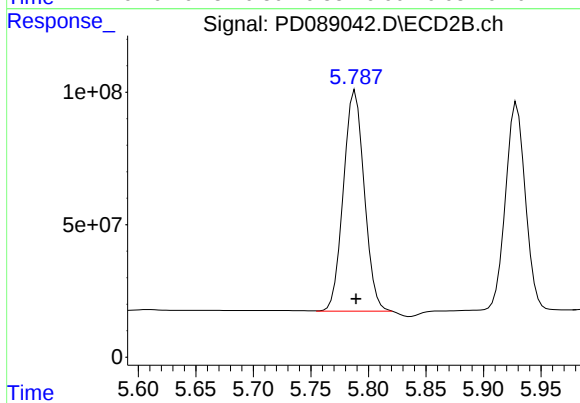
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 1164997042
Conc: 50.20 ng/ml



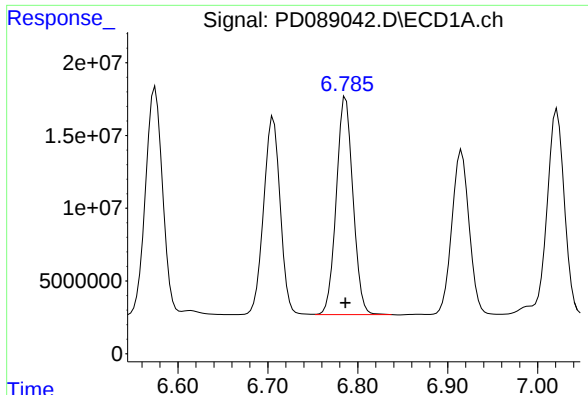
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 206278407
Conc: 50.00 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1055726222
Conc: 48.62 ng/ml m



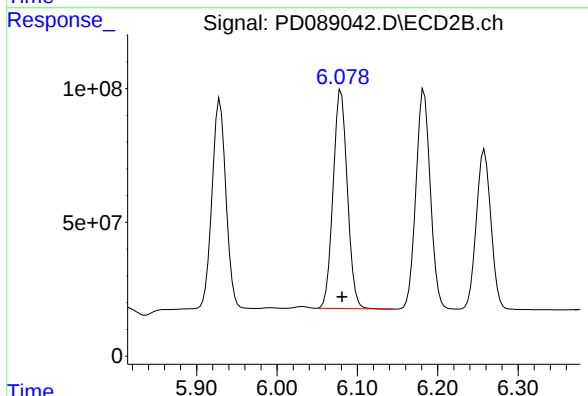
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 192374276
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

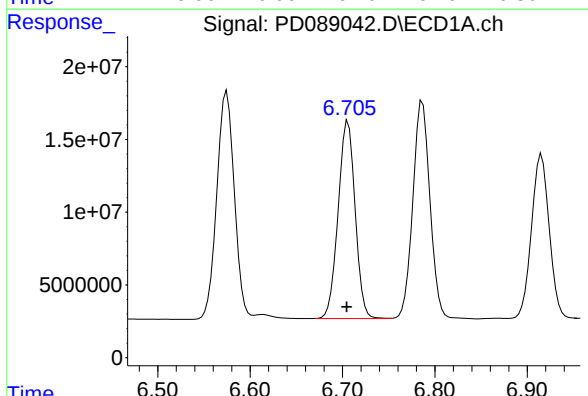
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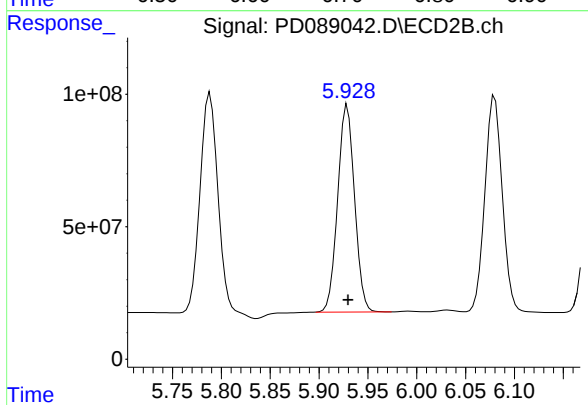
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 1008092935
Conc: 49.91 ng/ml



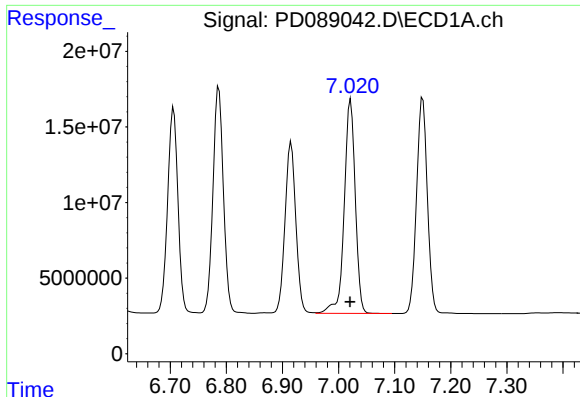
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 173617568
Conc: 50.59 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 941380315
Conc: 49.21 ng/ml



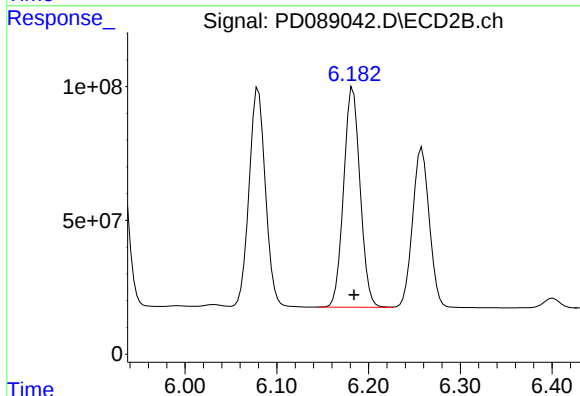
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 193094084
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

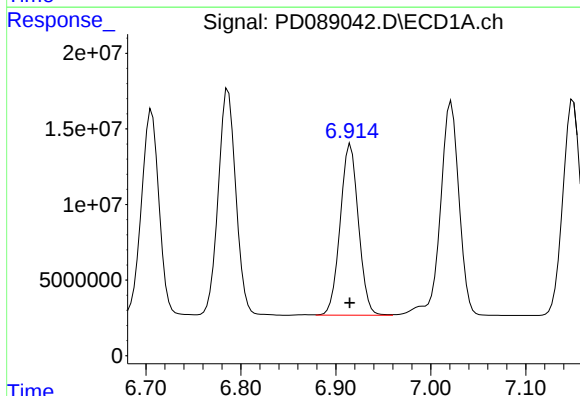
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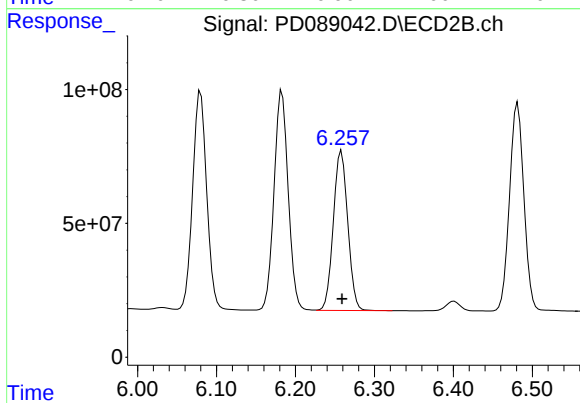
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 1024069583
Conc: 50.50 ng/ml



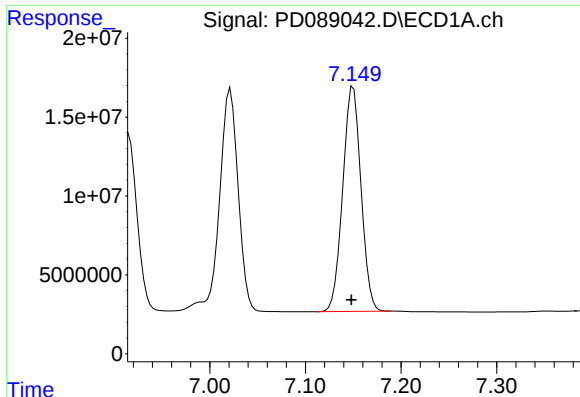
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 151432870
Conc: 49.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 757064899
Conc: 49.44 ng/ml



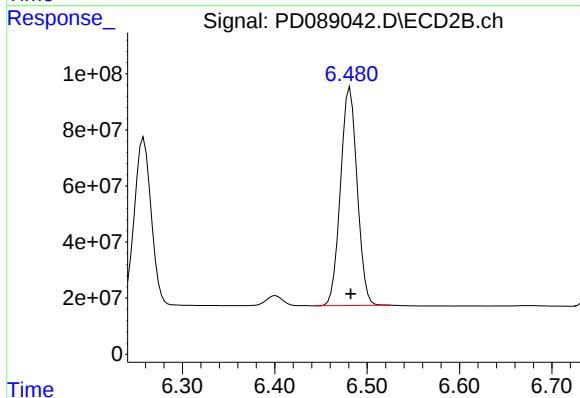
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 189825915
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

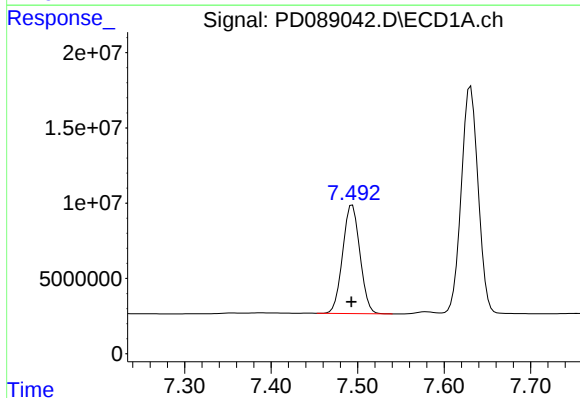
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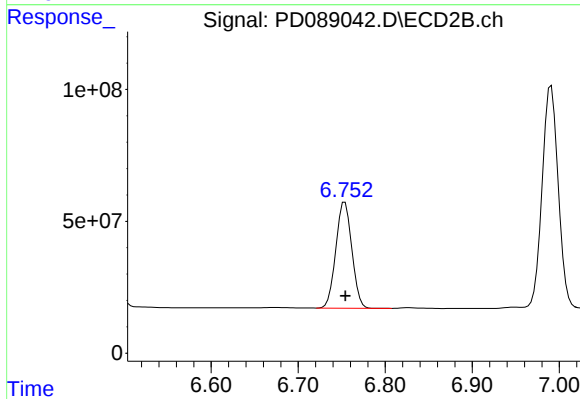
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 976093786
Conc: 49.75 ng/ml



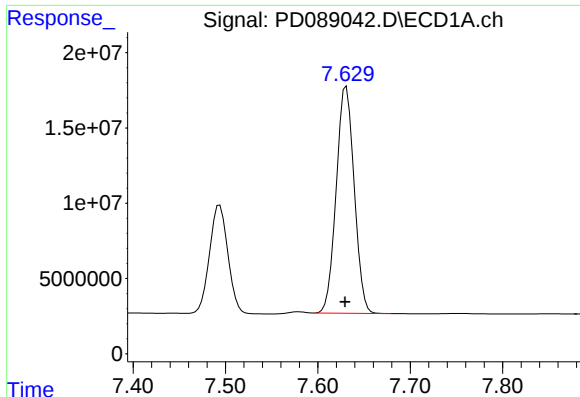
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.001 min
Response: 99376257
Conc: 49.18 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 514612786
Conc: 47.79 ng/ml



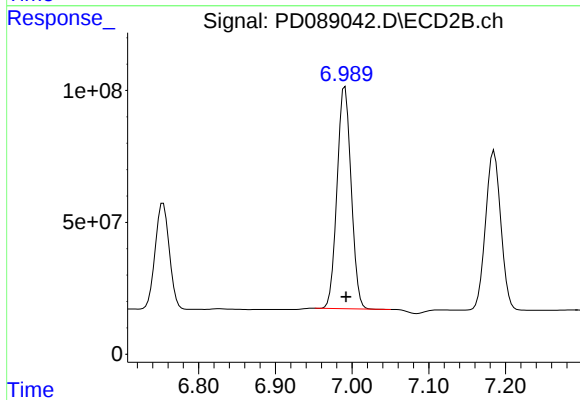
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.001 min
Response: 203807586
Conc: 50.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

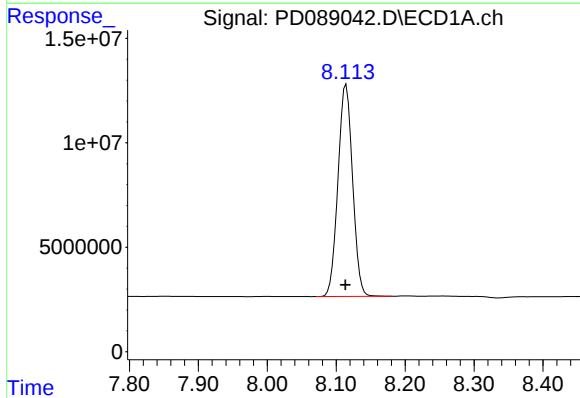
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



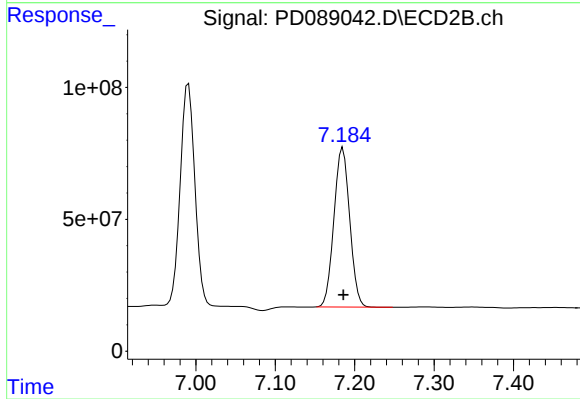
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 1073744103
Conc: 49.71 ng/ml



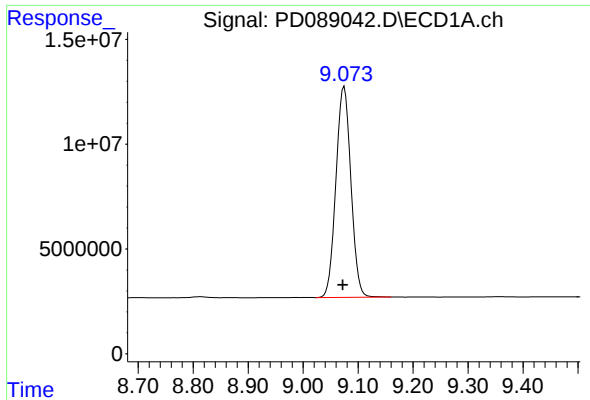
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.001 min
Response: 149674871
Conc: 49.23 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 833042044
Conc: 49.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.003 min
Response: 190348276
Conc: 48.46 ng/ml

Instrument :

ECD_D

ClientSampleId :

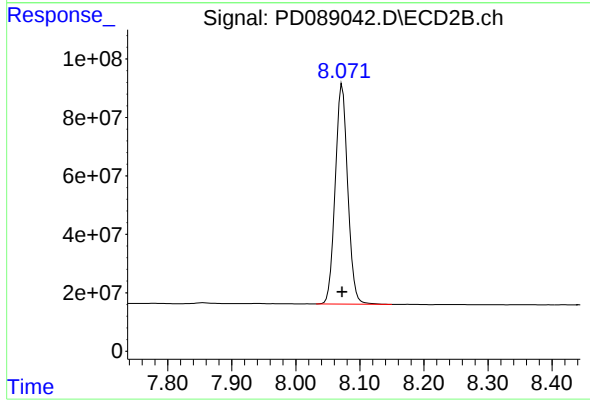
PSTDCCC050

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 1020558500
Conc: 51.62 ng/ml