

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
 Data File : PD089965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 11:39
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/19/2025
 Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:23:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 02:15:07 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...	3.549	2.877	212.2E6	1541.2E6	73.832	72.604
28)	SA Decachlor...	9.069	8.066	297.7E6	1797.3E6	71.783	71.949
Target Compounds							
2)	A alpha-BHC	3.998	3.390	466.7E6	2413.4E6	76.799	73.118
3)	MA gamma-BHC...	4.329	3.726	436.7E6	2222.0E6	76.130	73.116
4)	MA Heptachlor	4.928	4.079	420.8E6	2191.6E6	75.578	72.367
5)	MB Aldrin	5.269	4.364	406.8E6	2154.4E6	75.196	72.914
6)	B beta-BHC	4.515	4.022	160.2E6	927.4E6	73.287	72.214
7)	B delta-BHC	4.764	4.258	394.4E6	2242.5E6	75.258	73.210
8)	B Heptachlo...	5.688	4.868	353.3E6	1927.1E6	73.707	72.157
9)	A Endosulfan I	6.072	5.242	339.1E6	1829.7E6	74.311	72.158
10)	B gamma-Chl...	5.944	5.119	365.9E6	2080.3E6	75.328	72.434m
11)	B alpha-Chl...	6.025	5.186	363.7E6	1996.5E6	74.653	72.515
12)	B 4,4'-DDE	6.194	5.370	332.9E6	2026.4E6	75.583	72.665
13)	MA Dieldrin	6.345	5.508	367.3E6	2053.0E6	75.063	72.355
14)	MA Endrin	6.572	5.785	309.8E6	1840.3E6	74.418	71.577
15)	B Endosulfa...	6.784	6.076	304.8E6	1756.3E6	73.626	71.872
16)	A 4,4'-DDD	6.703	5.924	259.7E6	1690.5E6	75.100	72.410
17)	MA 4,4'-DDT	7.019	6.178	286.3E6	1801.7E6	74.691	72.570
18)	B Endrin al...	6.914	6.254	205.9E6	1199.7E6	73.799	72.531
19)	B Endosulfa...	7.147	6.477	284.4E6	1695.9E6	73.579	72.181
20)	A Methoxychlor	7.491	6.748	143.6E6	894.4E6	72.443	70.766
21)	B Endrin ke...	7.628	6.986	303.0E6	1856.7E6	73.874	71.674
22)	Mirex	8.111	7.180	216.8E6	1413.2E6	71.574	72.101

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:39
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC075

Manual Integrations

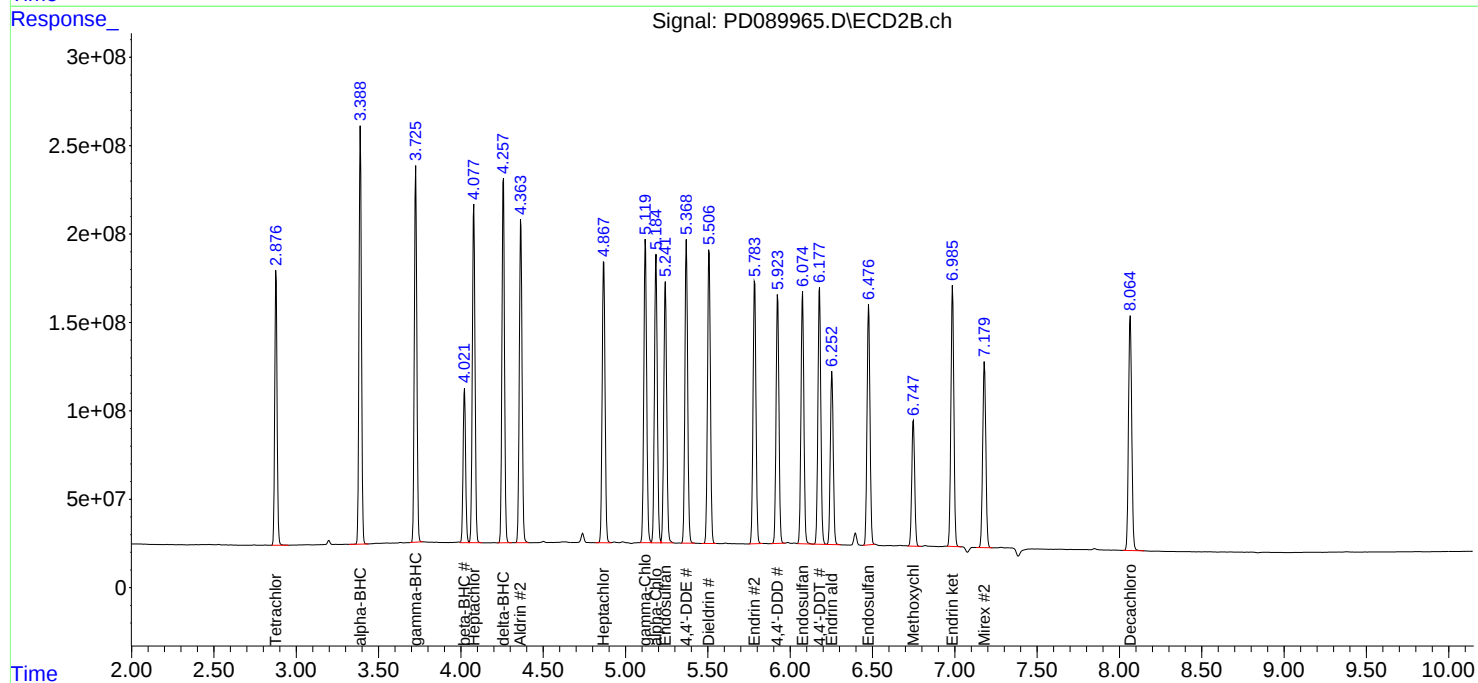
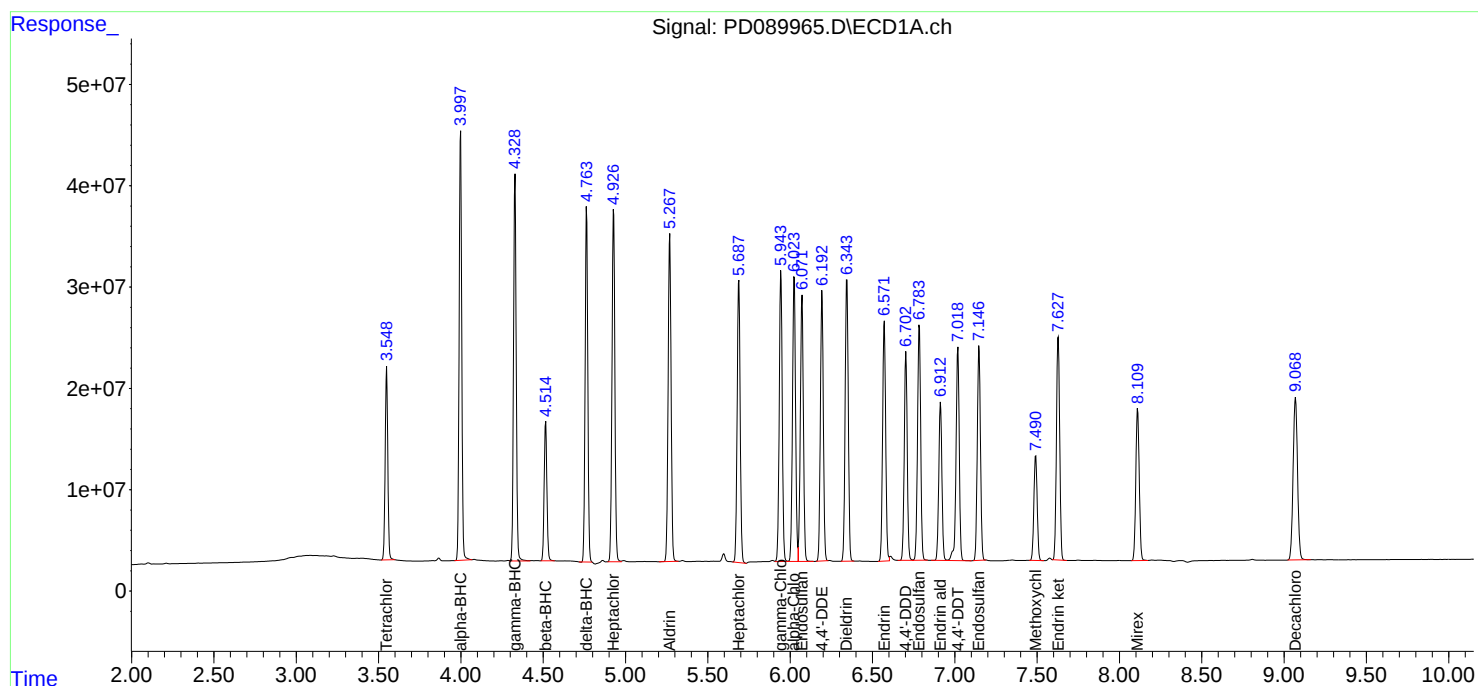
APPROVED

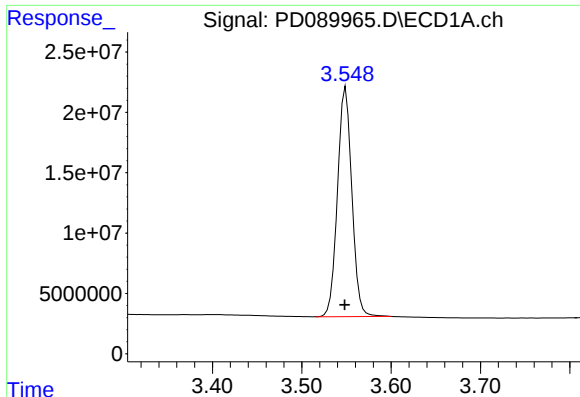
Reviewed By :Abdul Mirza 08/19/2025

Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:23:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 02:15:07 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.: 3.549 min
Delta R.T.: 0.001 min
Response: 212195690
Conc: 73.83 ng/ml

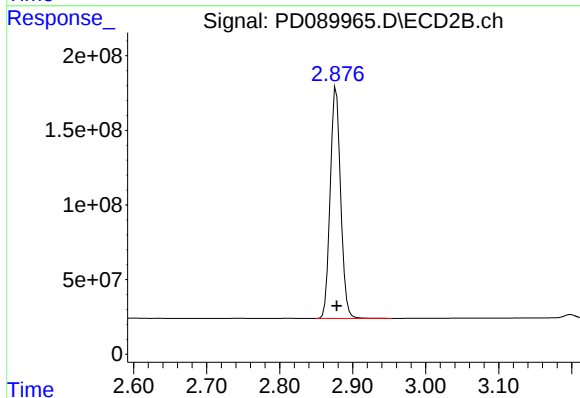
Instrument :

ECD_D

ClientSampleId :
PSTDICC075

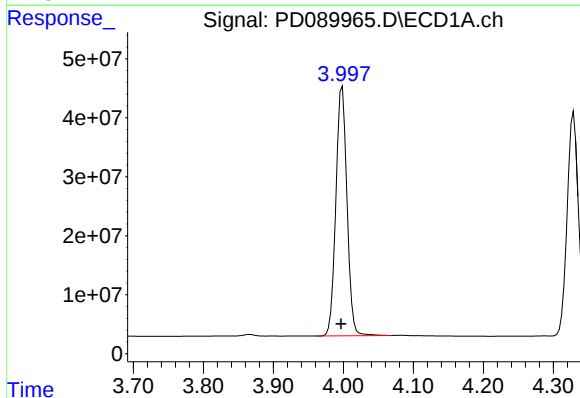
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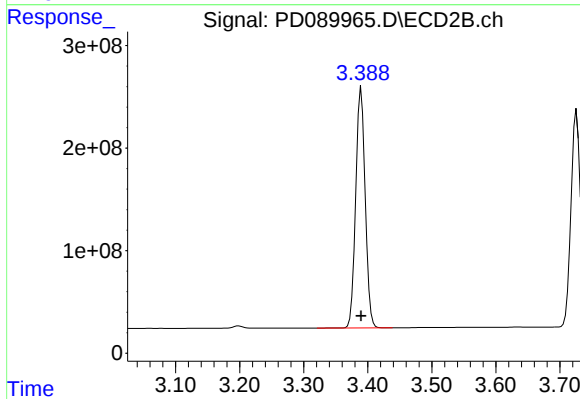
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1541216977
Conc: 72.60 ng/ml



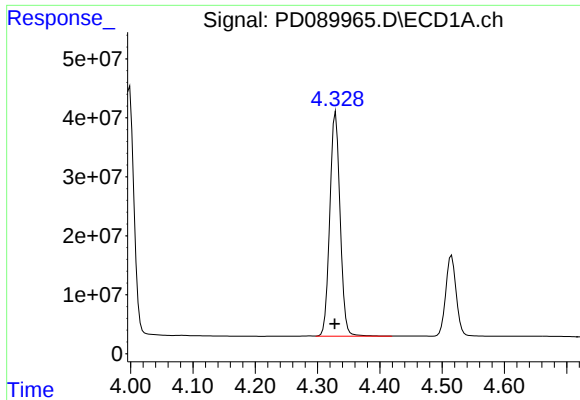
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 466675807
Conc: 76.80 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 2413382398
Conc: 73.12 ng/ml



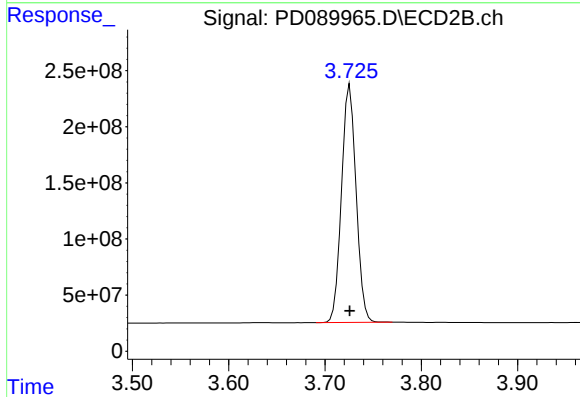
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 436698955
Conc: 76.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

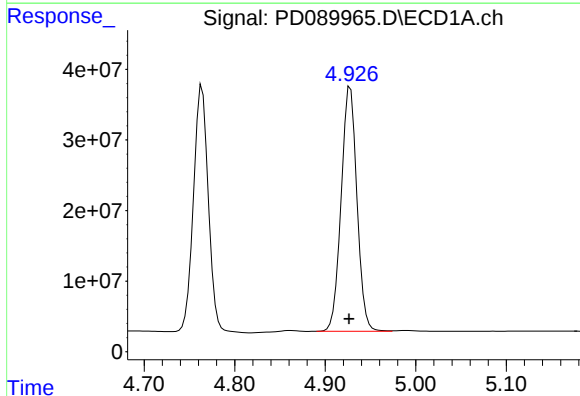
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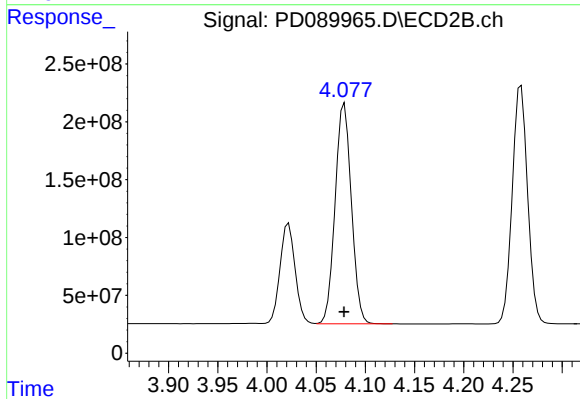
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 2221975086
Conc: 73.12 ng/ml



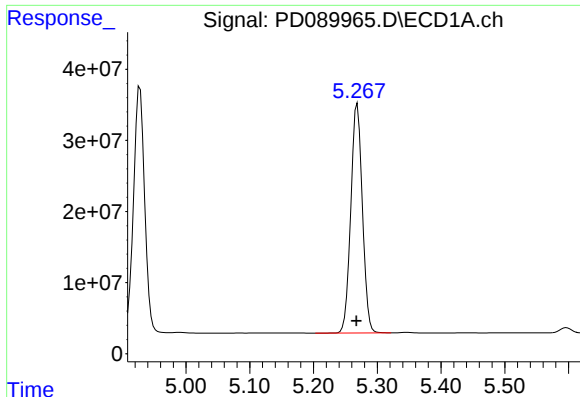
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 420774165
Conc: 75.58 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 2191577497
Conc: 72.37 ng/ml



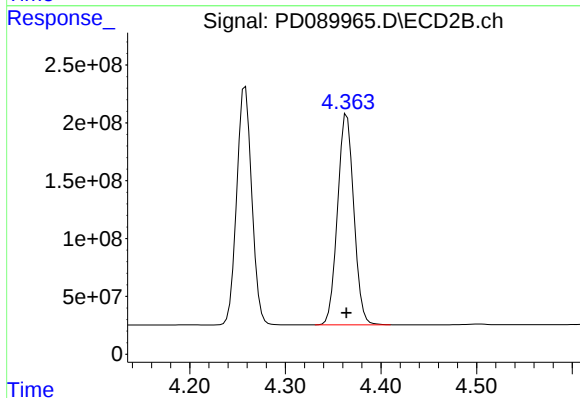
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.001 min
Response: 406842449
Conc: 75.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

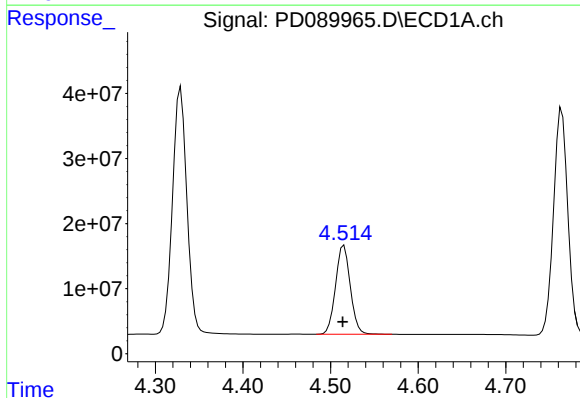
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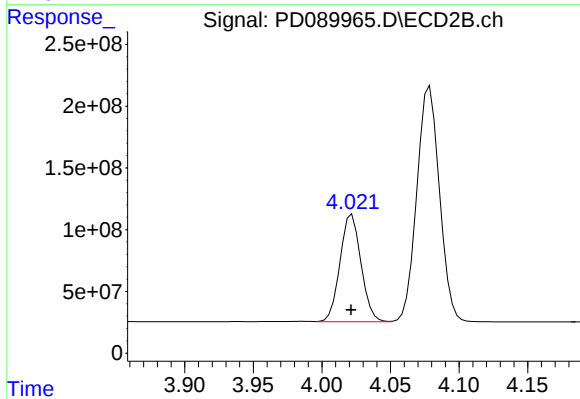
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2154407075
Conc: 72.91 ng/ml



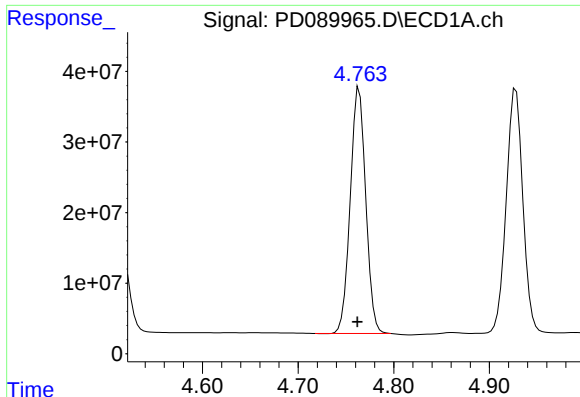
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 160206293
Conc: 73.29 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 927373673
Conc: 72.21 ng/ml



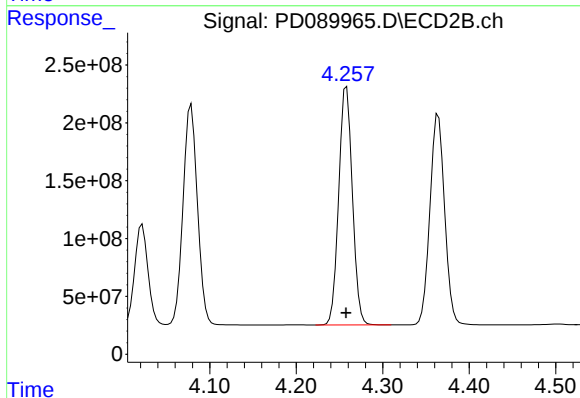
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 394448842
Conc: 75.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

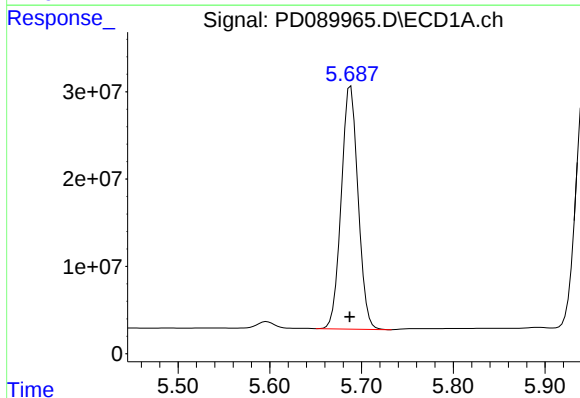
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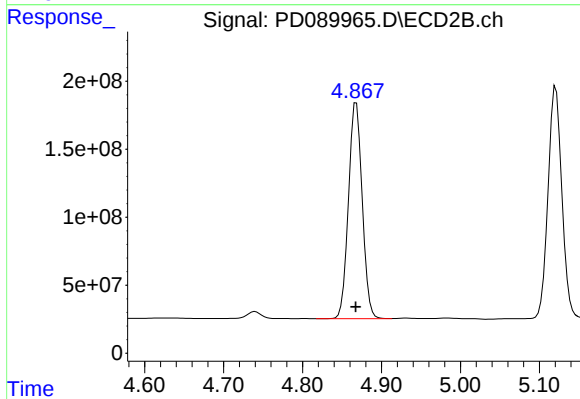
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 2242544502
Conc: 73.21 ng/ml



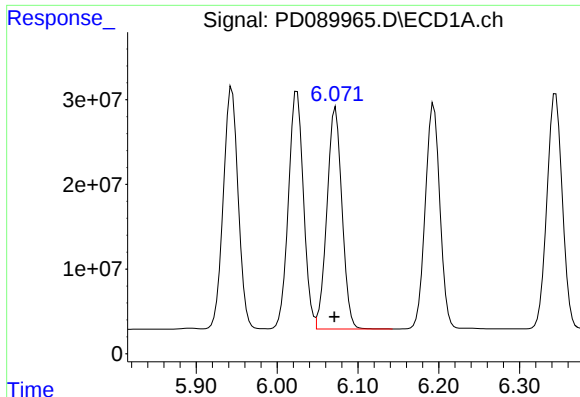
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 353297385
Conc: 73.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1927069723
Conc: 72.16 ng/ml



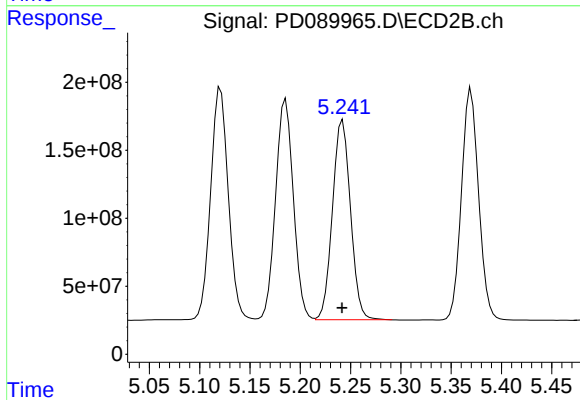
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 339085655
Conc: 74.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

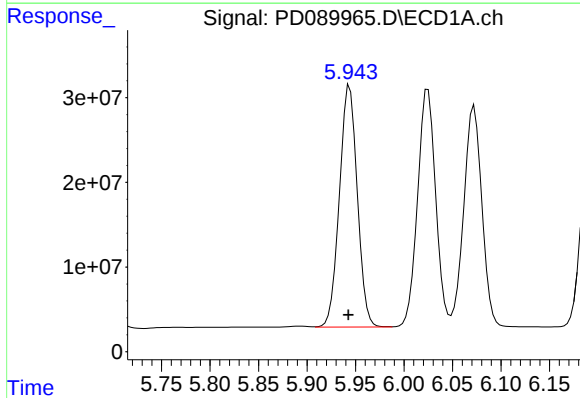
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Supervised By :mohammad ahmed 08/20/2025



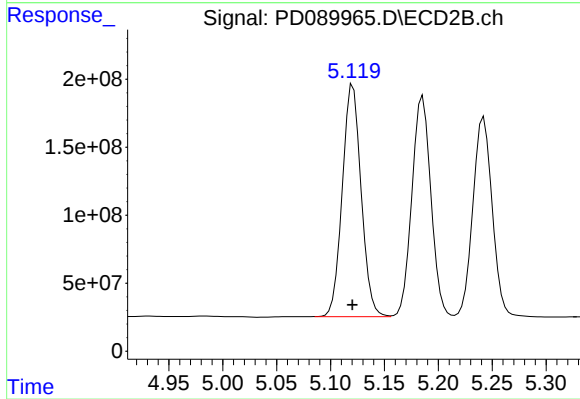
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1829693305
Conc: 72.16 ng/ml



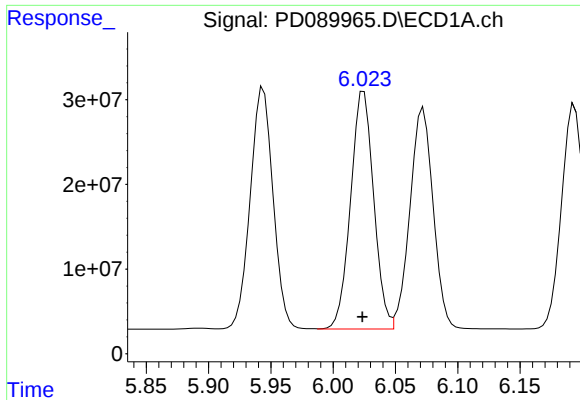
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 365906409
Conc: 75.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 2080335080
Conc: 72.43 ng/ml m



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 363744249
Conc: 74.65 ng/ml

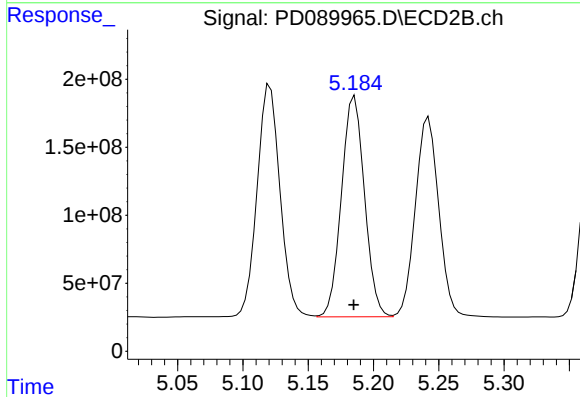
Instrument :

ECD_D

ClientSampleId :
PSTDICC075

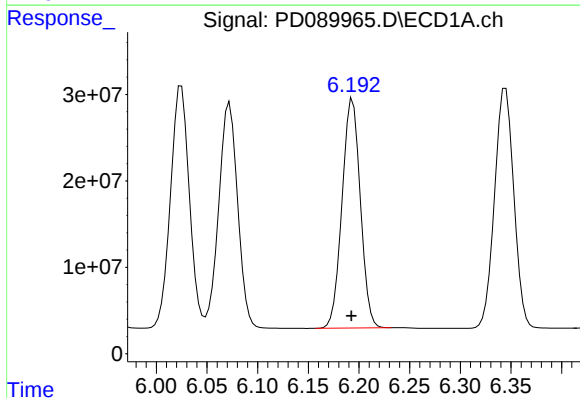
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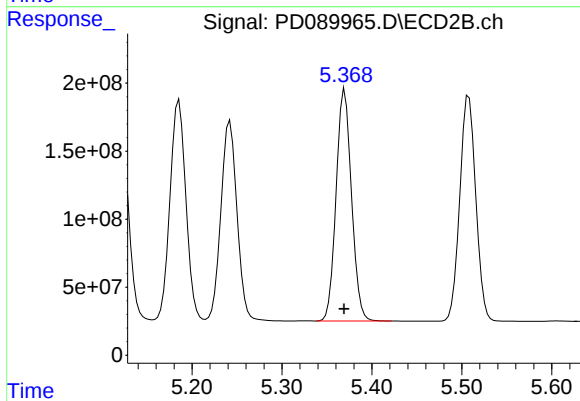
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1996516953
Conc: 72.52 ng/ml



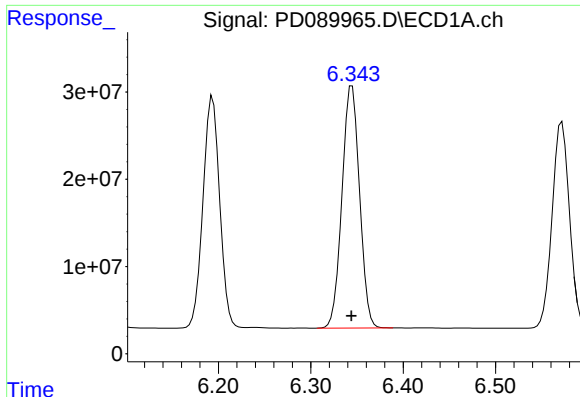
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 332878939
Conc: 75.58 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 2026441575
Conc: 72.67 ng/ml



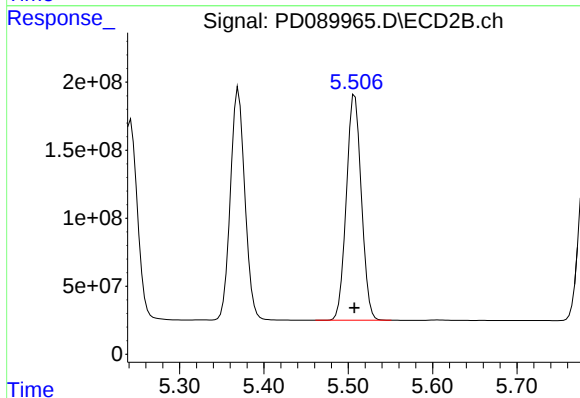
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 367261104
Conc: 75.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

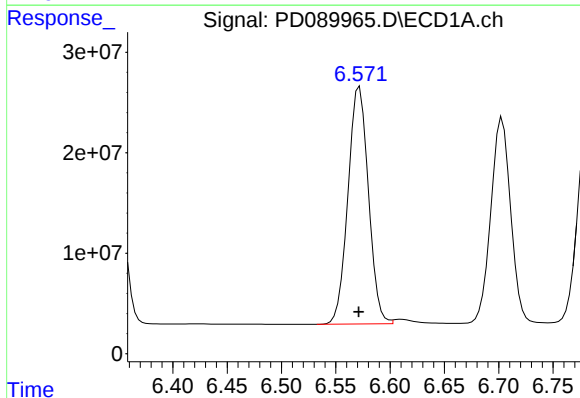
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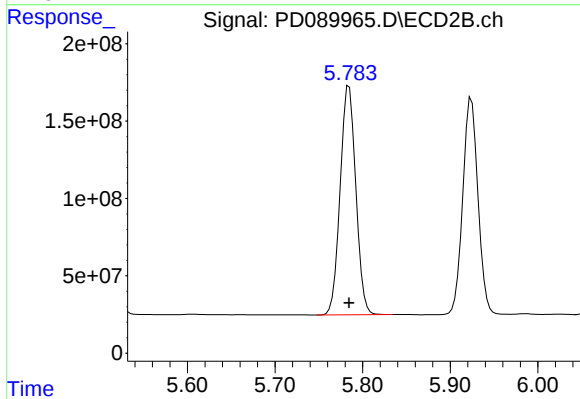
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 2053038518
Conc: 72.35 ng/ml



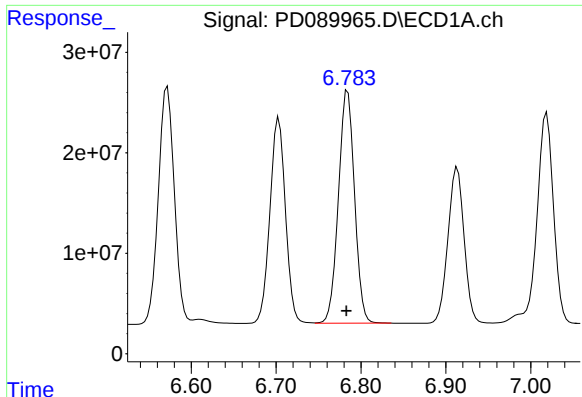
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 309827458
Conc: 74.42 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1840258607
Conc: 71.58 ng/ml



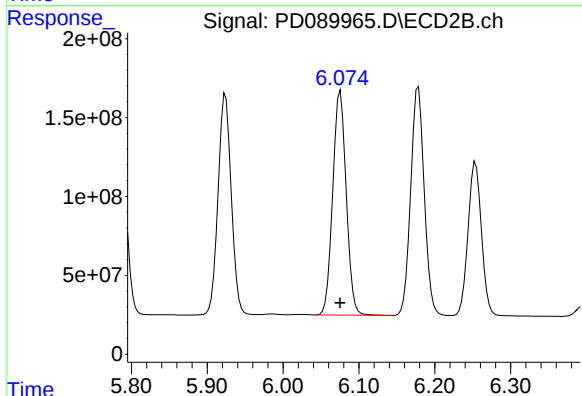
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 304824404
Conc: 73.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

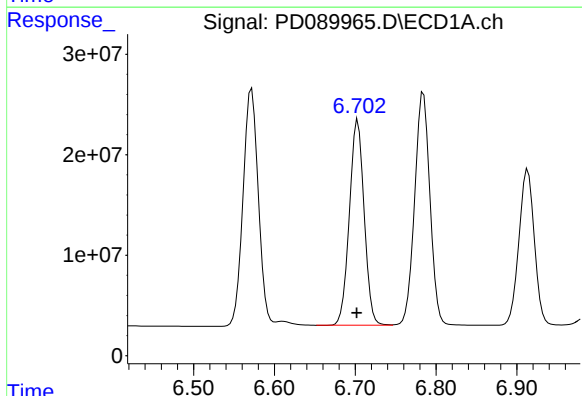
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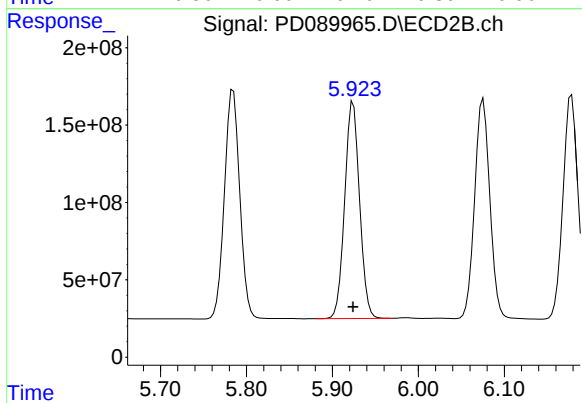
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1756317310
Conc: 71.87 ng/ml



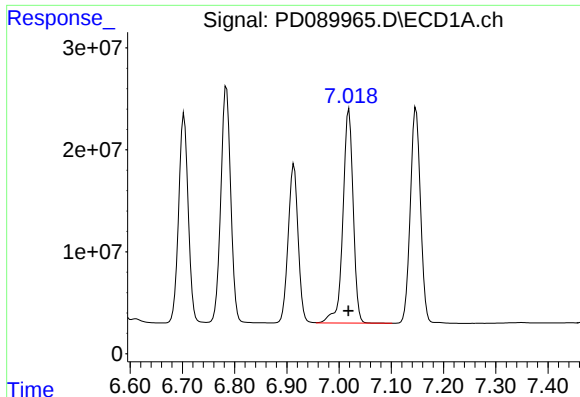
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.001 min
Response: 259670142
Conc: 75.10 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1690488939
Conc: 72.41 ng/ml



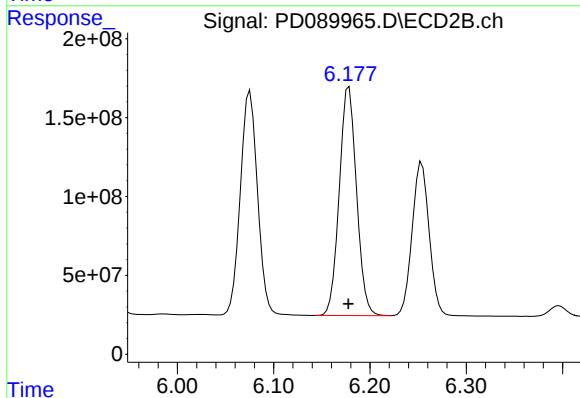
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 286260392
Conc: 74.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

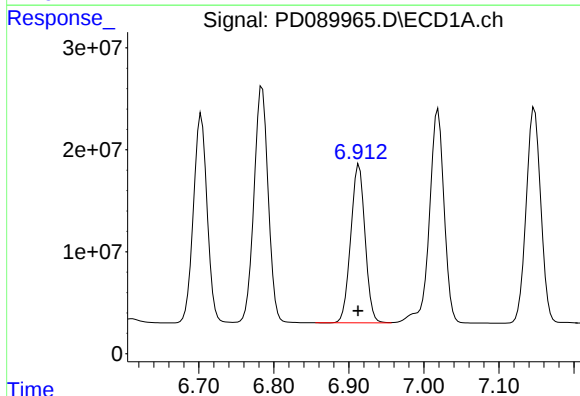
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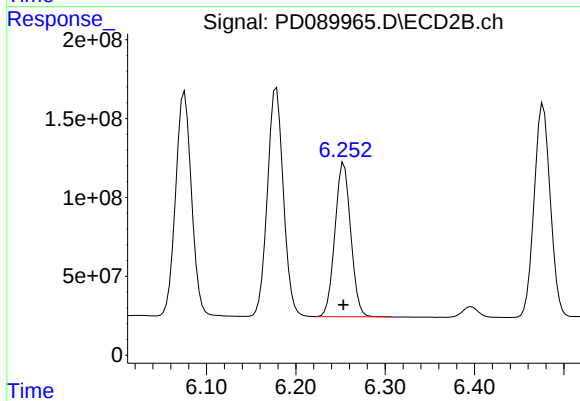
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1801741291
Conc: 72.57 ng/ml



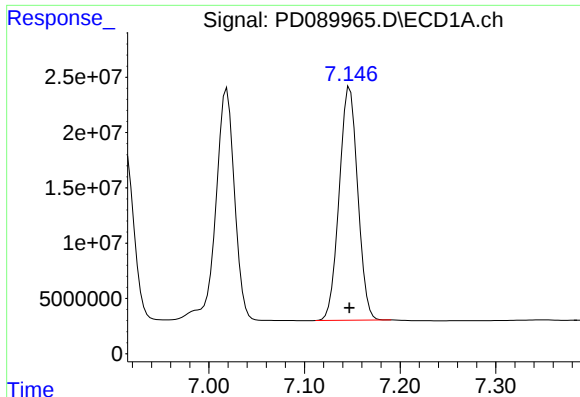
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.001 min
Response: 205918428
Conc: 73.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 1199729359
Conc: 72.53 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 284439739
Conc: 73.58 ng/ml

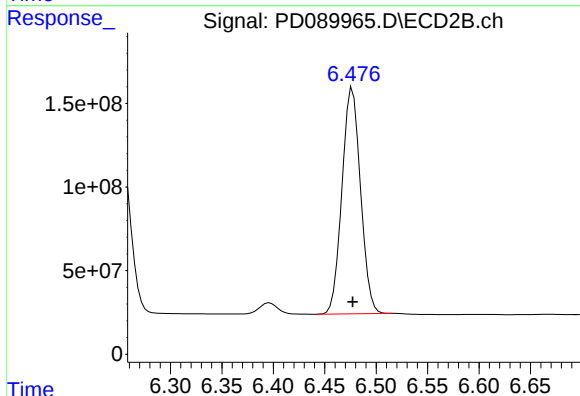
Instrument :

ECD_D

ClientSampleId :
PSTDICC075

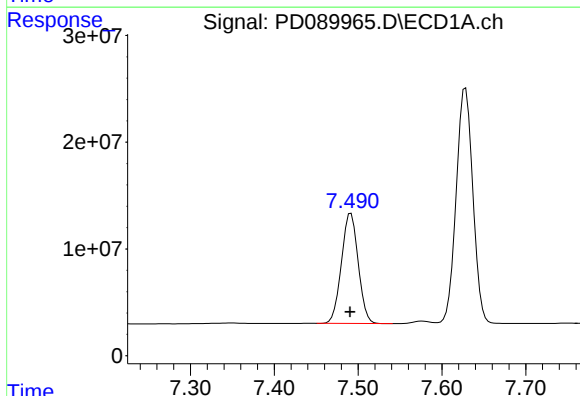
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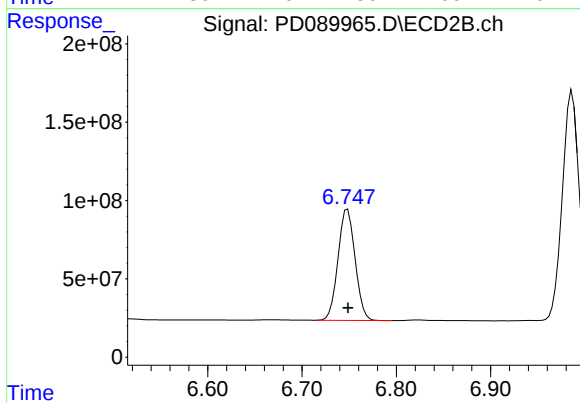
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1695858341
Conc: 72.18 ng/ml



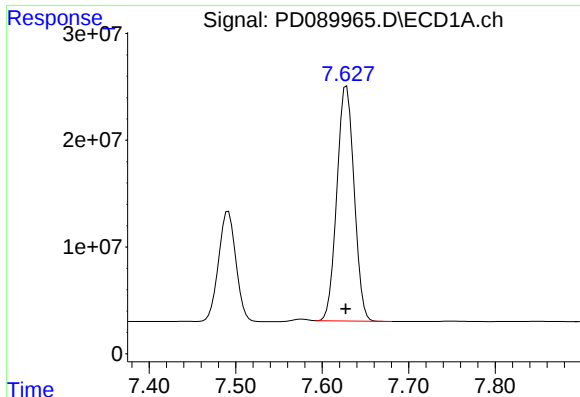
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.001 min
Response: 143646730
Conc: 72.44 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 894387226
Conc: 70.77 ng/ml



#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 302953778
Conc: 73.87 ng/ml

Instrument :

ECD_D

ClientSampleId :

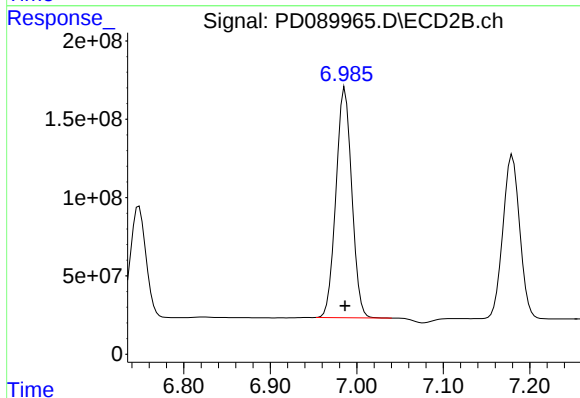
PSTDICC075

Manual Integrations

APPROVED

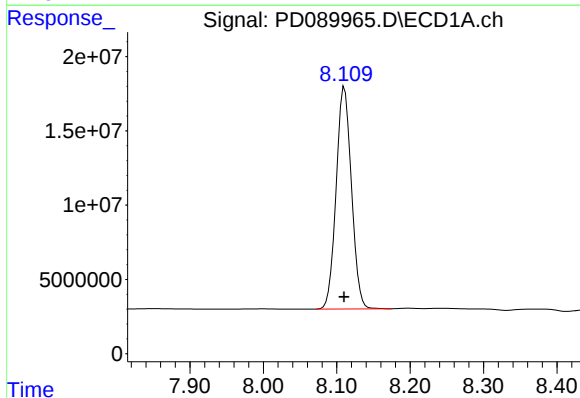
Reviewed By :Abdul Mirza 08/19/2025

Supervised By :mohammad ahmed 08/20/2025



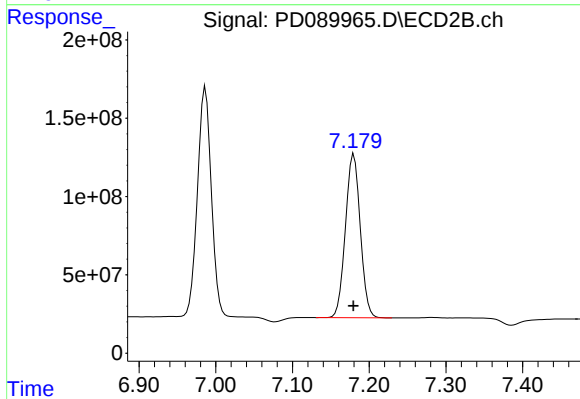
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1856720368
Conc: 71.67 ng/ml



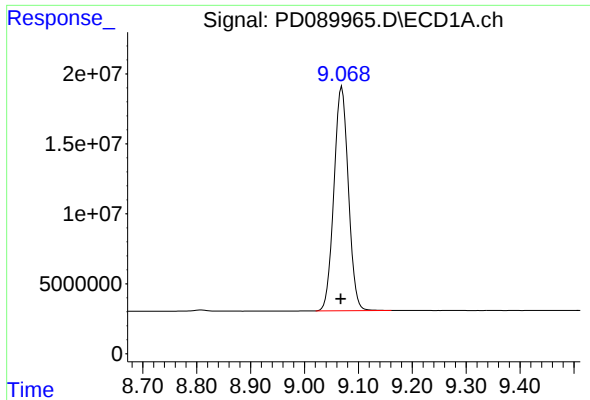
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 216835129
Conc: 71.57 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 1413237033
Conc: 72.10 ng/ml



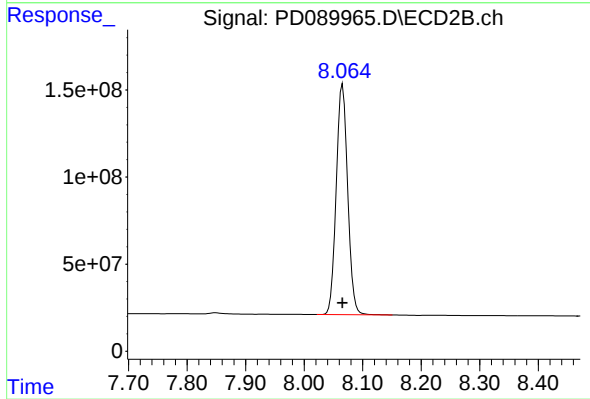
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 297729081
Conc: 71.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 1797272442
Conc: 71.95 ng/ml