

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 18:05
 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 23:04:45 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	2.881	141.7E6	845.8E6	49.674	49.890
28)	SA Decachlor...	9.074	8.073	185.3E6	920.8E6	47.172	46.578
Target Compounds							
2)	A alpha-BHC	4.000	3.393	300.5E6	1341.0E6	51.545	50.043
3)	MA gamma-BHC...	4.330	3.730	286.3E6	1235.2E6	51.293	49.892
4)	MA Heptachlor	4.930	4.083	279.5E6	1232.3E6	51.273	49.215
5)	MB Aldrin	5.271	4.369	267.6E6	1196.1E6	50.367	49.389
6)	B beta-BHC	4.516	4.025	110.0E6	527.8E6	49.829	49.118
7)	B delta-BHC	4.764	4.262	276.0E6	1236.6E6	53.764	49.714
8)	B Heptachlo...	5.691	4.873	234.6E6	1090.8E6	48.630	49.813
9)	A Endosulfan I	6.075	5.247	219.9E6	1018.6E6	48.797	48.874
10)	B gamma-Chl...	5.946	5.126	232.8E6	1172.0E6	48.612	48.993
11)	B alpha-Chl...	6.027	5.191	236.3E6	1115.5E6	48.828	48.719
12)	B 4,4'-DDE	6.196	5.375	213.3E6	1108.8E6	48.902	48.387
13)	MA Dieldrin	6.347	5.513	235.7E6	1128.9E6	49.121	48.643
14)	MA Endrin	6.575	5.788	198.0E6	1032.2E6	48.001	47.536m
15)	B Endosulfa...	6.786	6.081	185.5E6	965.4E6	45.964	47.802
16)	A 4,4'-DDD	6.705	5.930	167.0E6	894.9E6	48.664	46.783
17)	MA 4,4'-DDT	7.021	6.183	181.9E6	972.8E6	48.004	47.969
18)	B Endrin al...	6.915	6.259	144.5E6	714.2E6	47.158	46.644
19)	B Endosulfa...	7.149	6.482	182.7E6	927.3E6	47.617	47.263
20)	A Methoxychlor	7.493	6.754	93840259	497.7E6	46.441	46.224
21)	B Endrin ke...	7.631	6.992	194.3E6	1009.2E6	47.696	46.719
22)	Mirex	8.114	7.185	141.9E6	767.7E6	46.683	46.029

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

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Data File : PD089058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 18:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

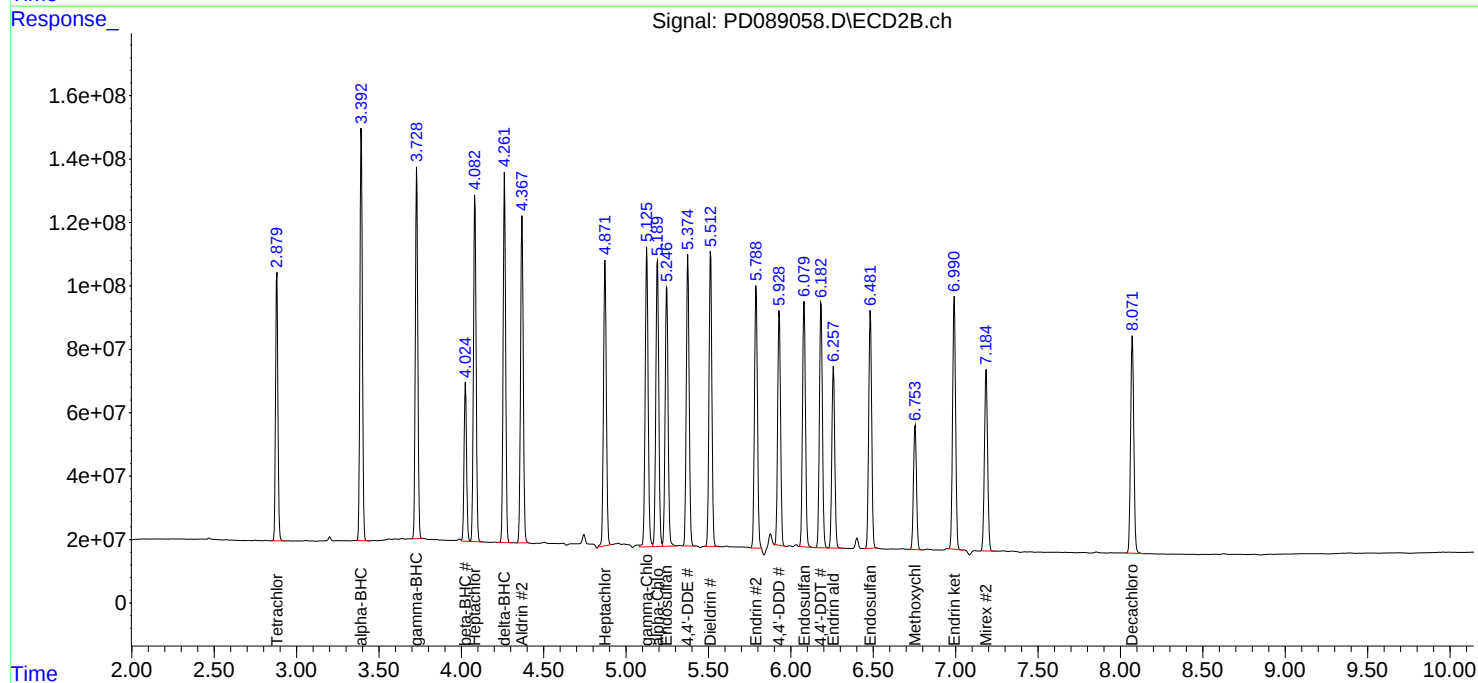
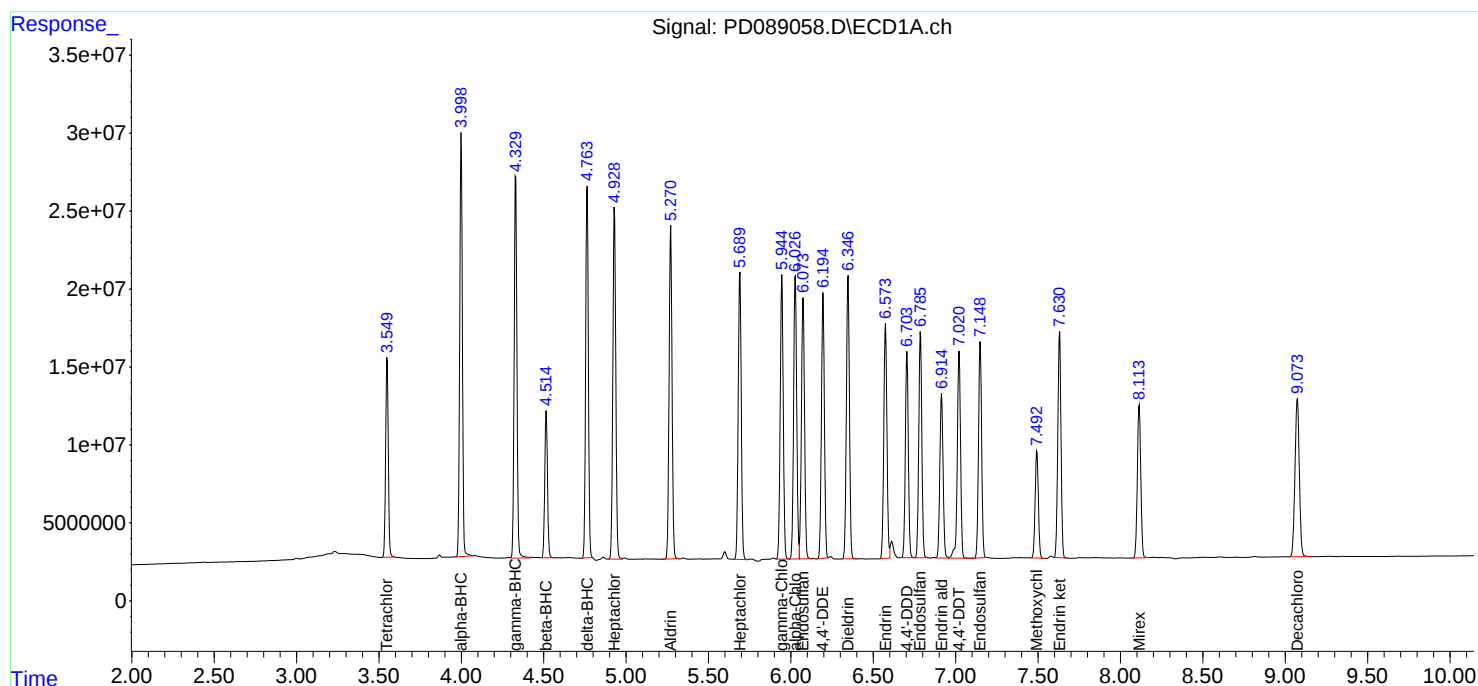
APPROVED

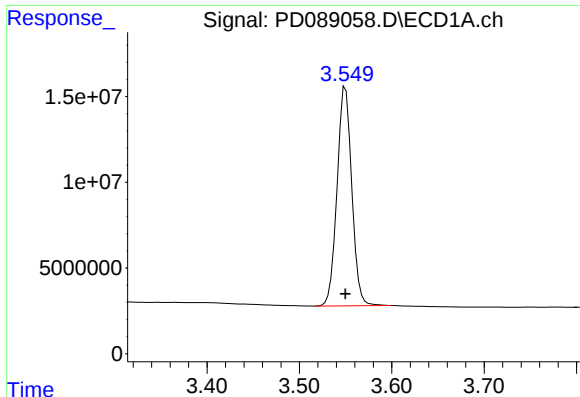
Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:04:45 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





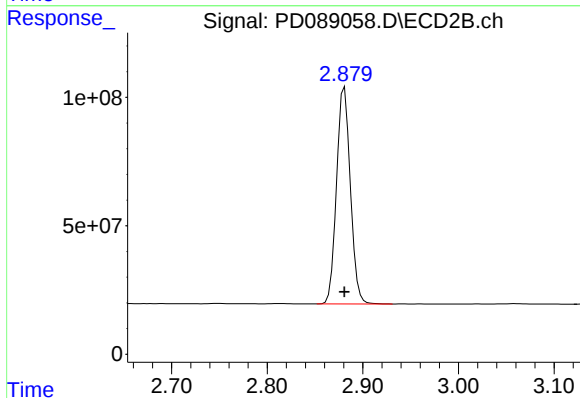
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 141725054
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

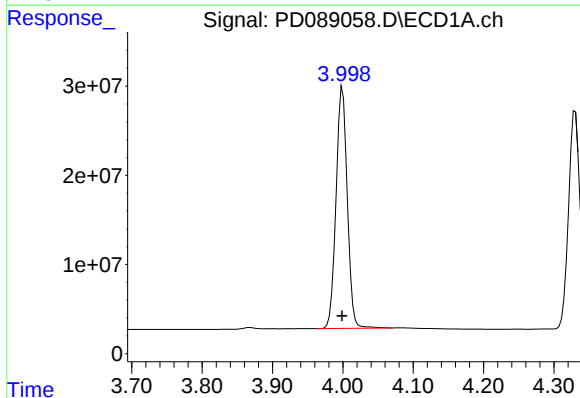
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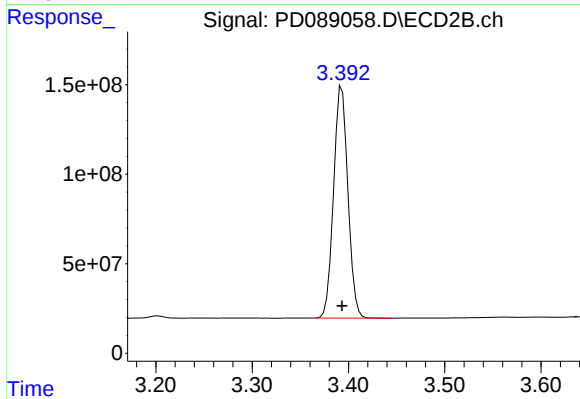
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 845792851
Conc: 49.89 ng/ml



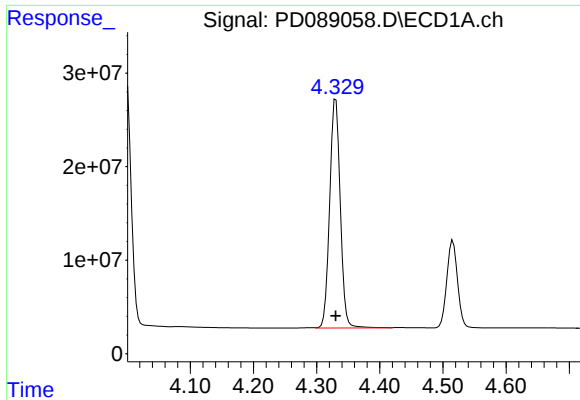
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 300460462
Conc: 51.55 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1340998717
Conc: 50.04 ng/ml



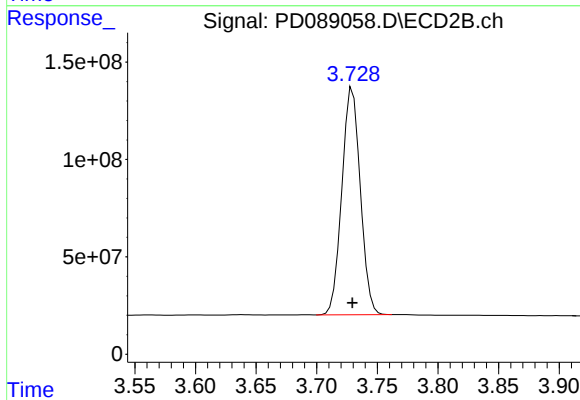
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 286298915
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

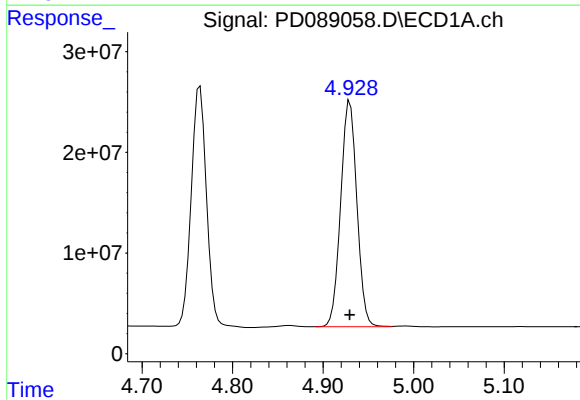
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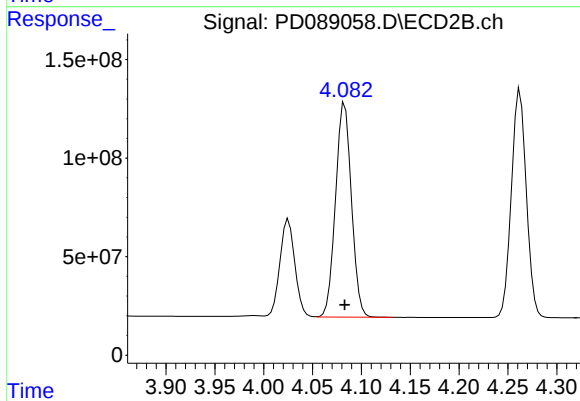
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1235179656
Conc: 49.89 ng/ml



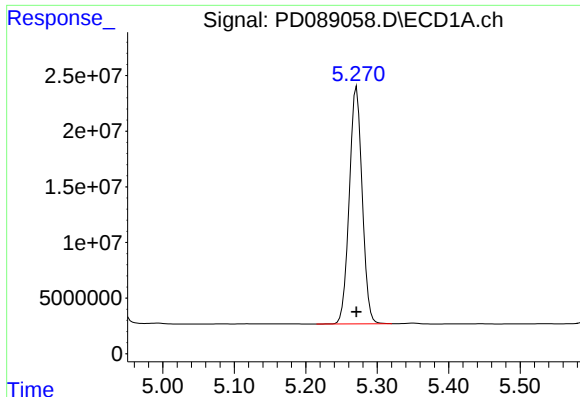
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 279539964
Conc: 51.27 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1232257456
Conc: 49.21 ng/ml



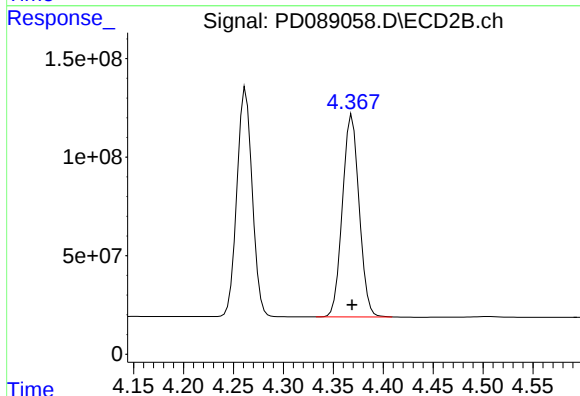
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 267600385
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

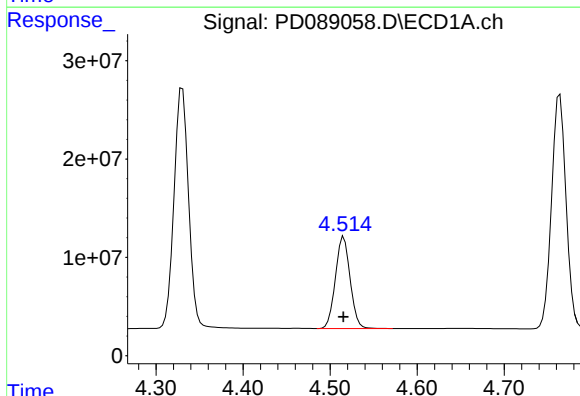
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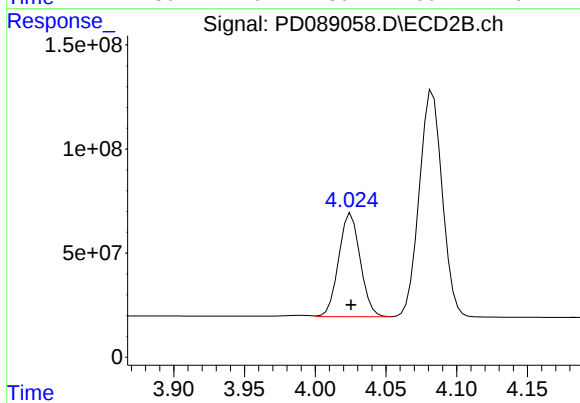
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1196058595
Conc: 49.39 ng/ml



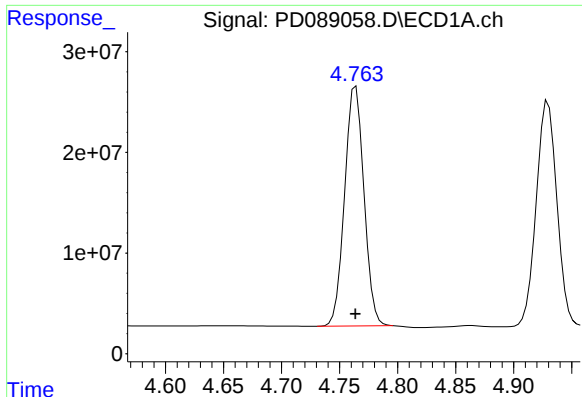
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 109979794
Conc: 49.83 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 527838600
Conc: 49.12 ng/ml



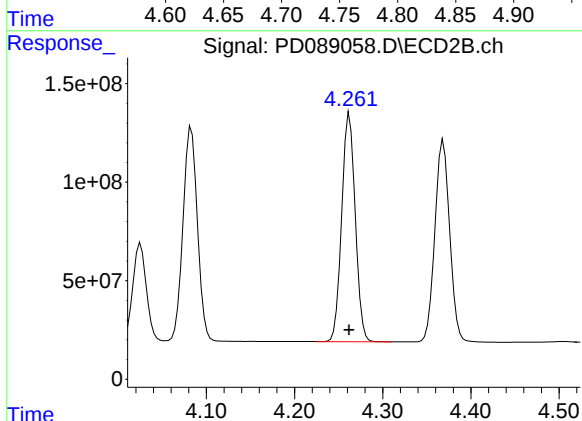
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 275967010
Conc: 53.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

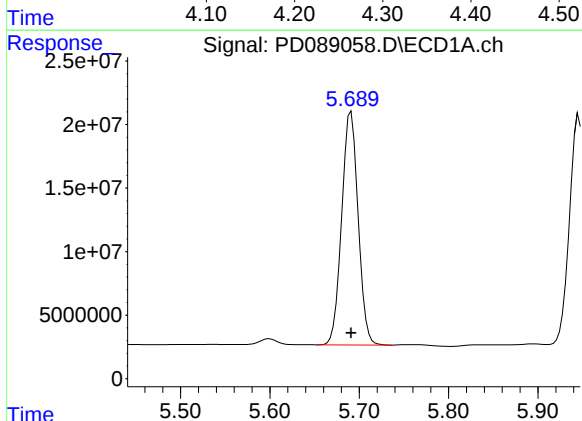
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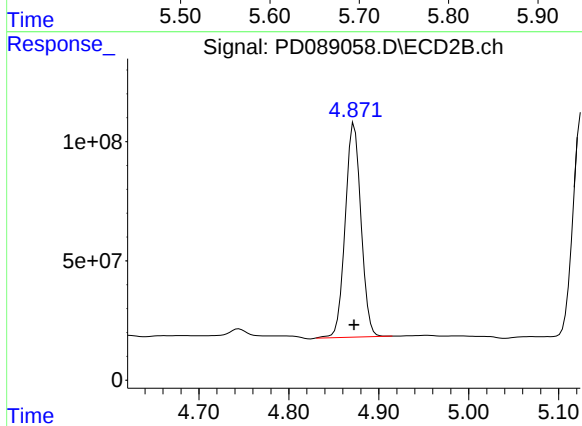
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1236560450
Conc: 49.71 ng/ml



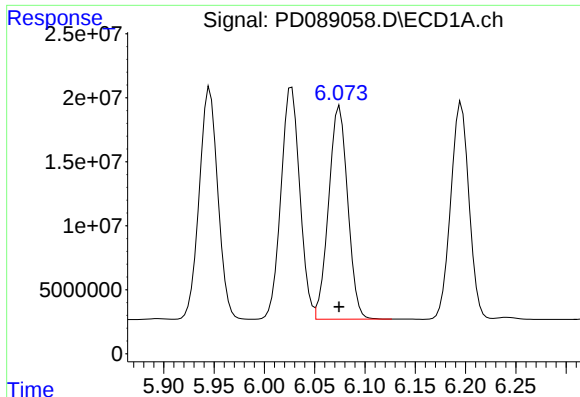
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 234586845
Conc: 48.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 1090801164
Conc: 49.81 ng/ml



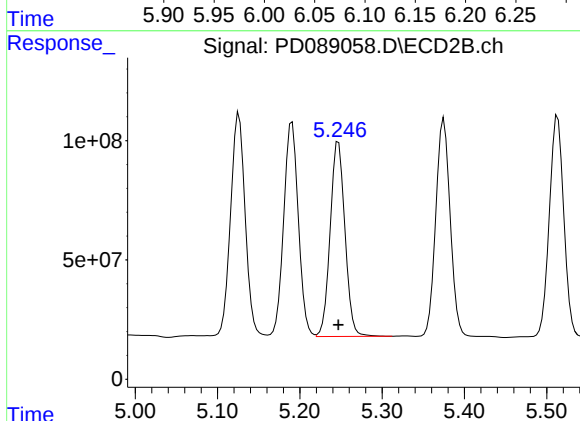
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 219948476
Conc: 48.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

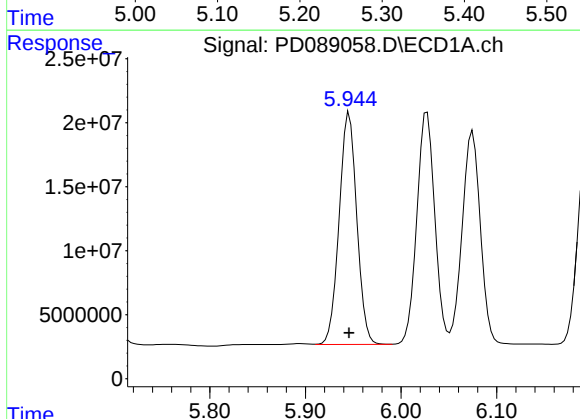
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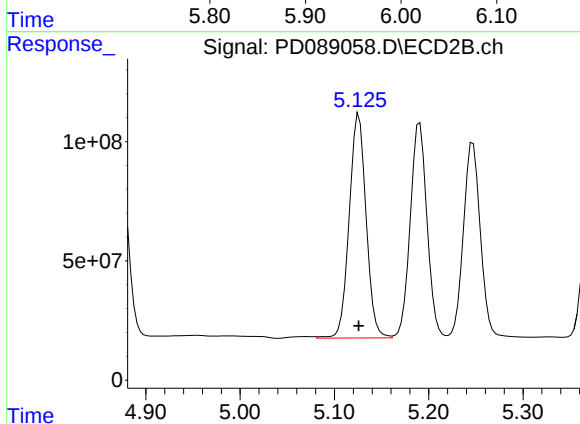
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 1018646932
Conc: 48.87 ng/ml



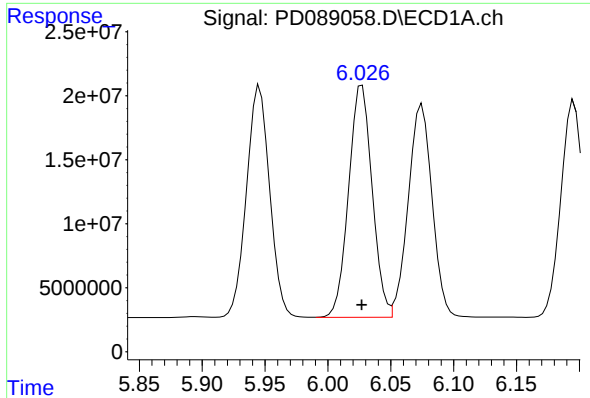
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 232760163
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1172039439
Conc: 48.99 ng/ml



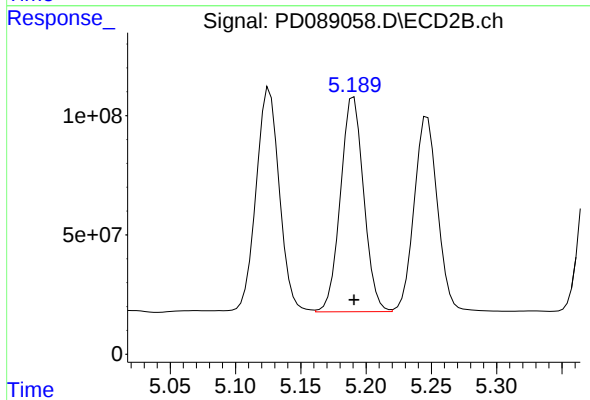
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 236255406
Conc: 48.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

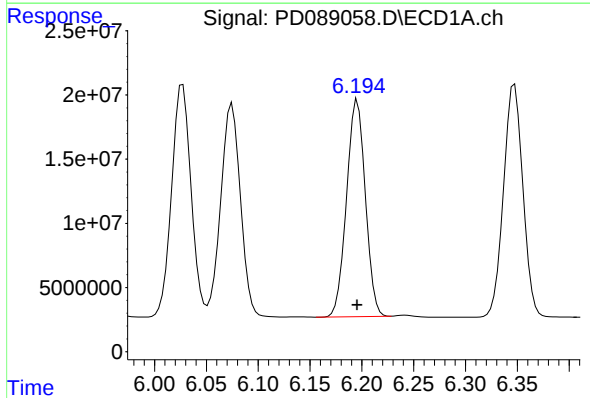
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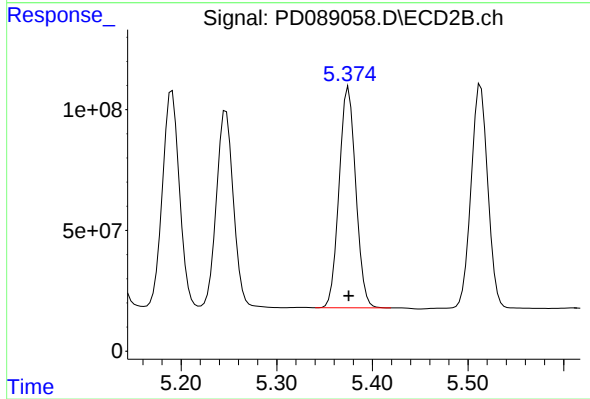
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1115507646
Conc: 48.72 ng/ml



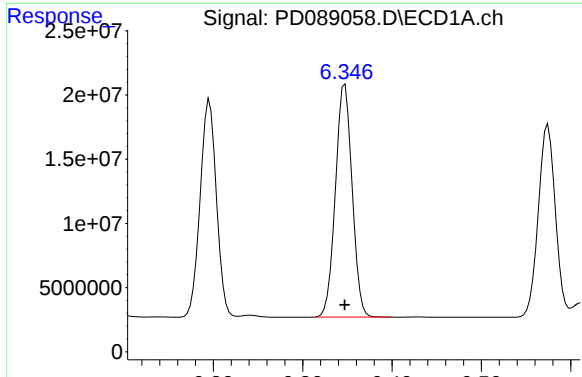
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 213262994
Conc: 48.90 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1108842186
Conc: 48.39 ng/ml



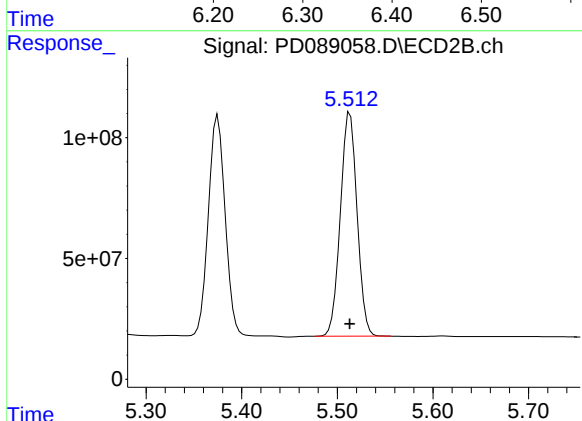
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 235655976
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

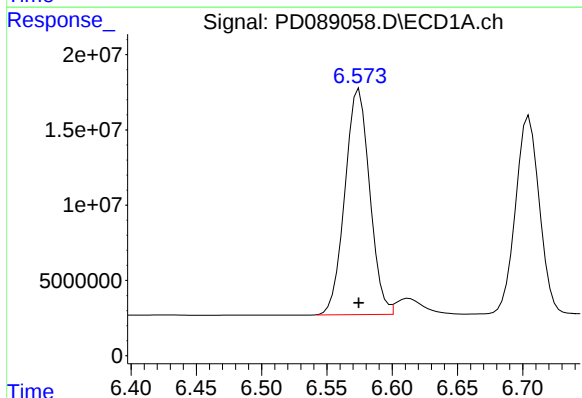
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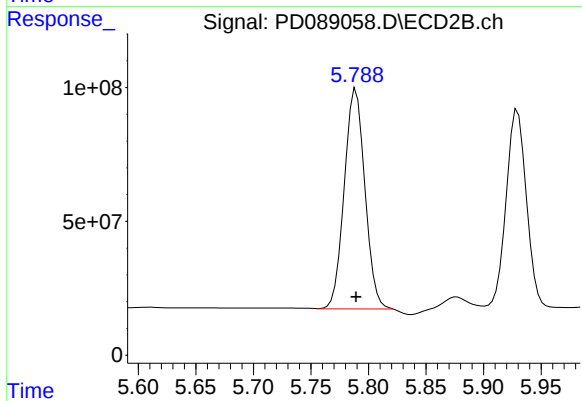
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 1128939165
Conc: 48.64 ng/ml



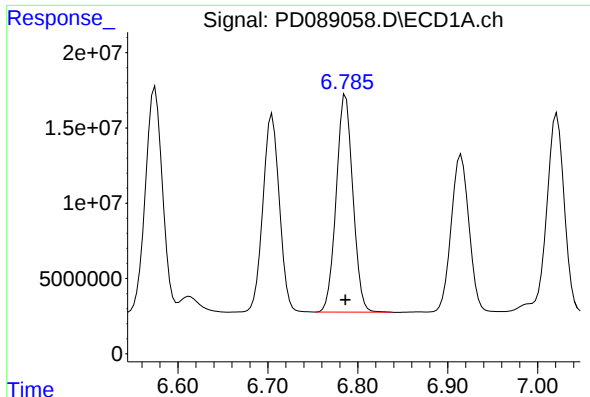
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 198033388
Conc: 48.00 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1032195313
Conc: 47.54 ng/ml m



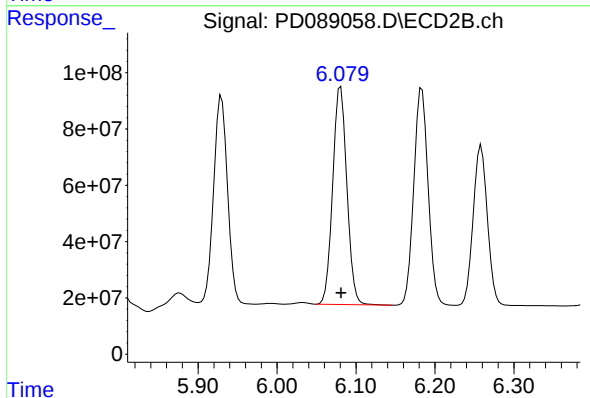
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 185540151
Conc: 45.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

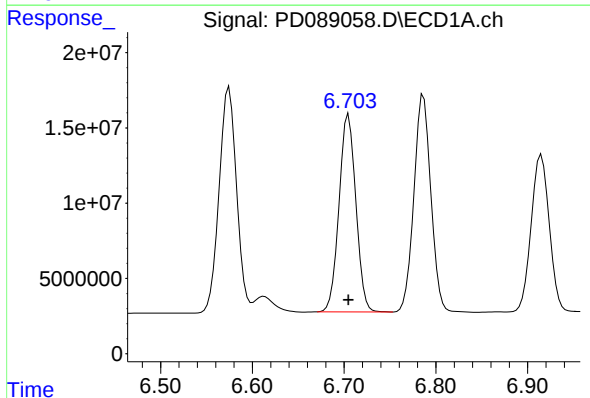
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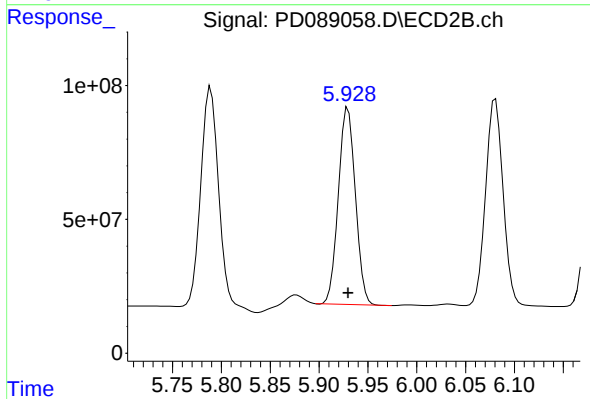
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 965434841
Conc: 47.80 ng/ml



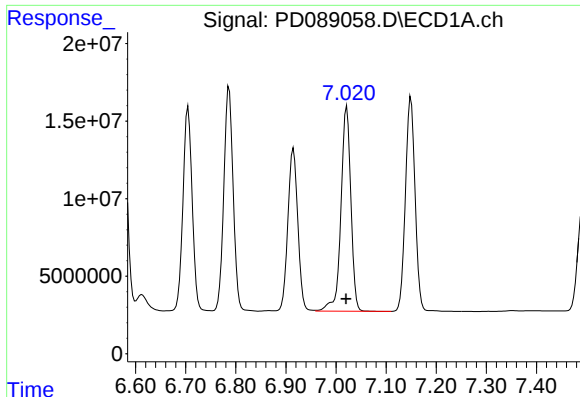
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 167018425
Conc: 48.66 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 894926964
Conc: 46.78 ng/ml



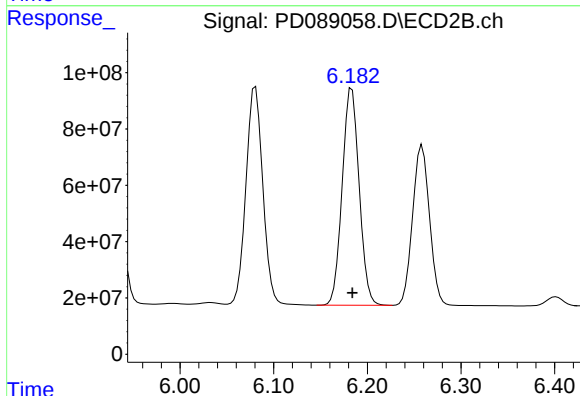
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 181850838
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

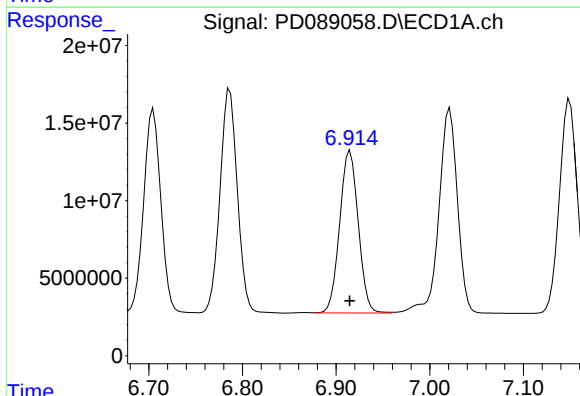
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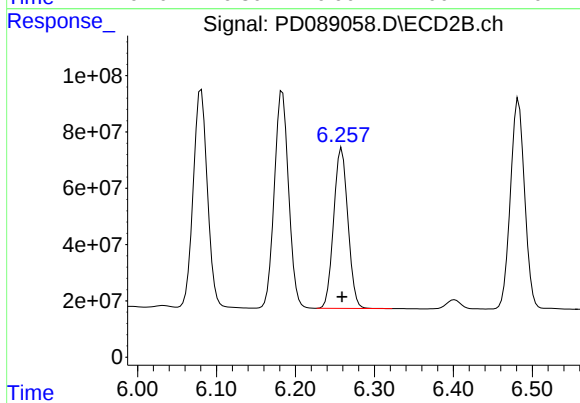
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 972780272
Conc: 47.97 ng/ml



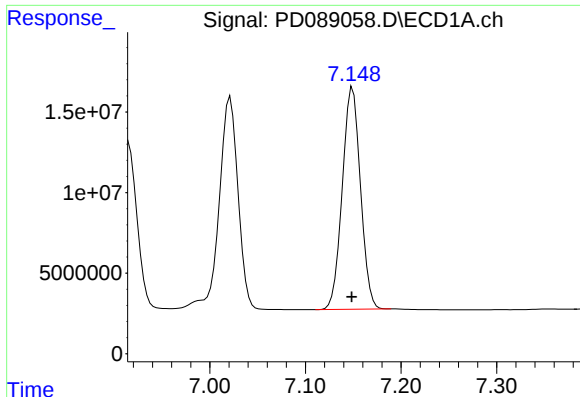
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 144489155
Conc: 47.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 714182792
Conc: 46.64 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 182716167
Conc: 47.62 ng/ml

Instrument :

ECD_D

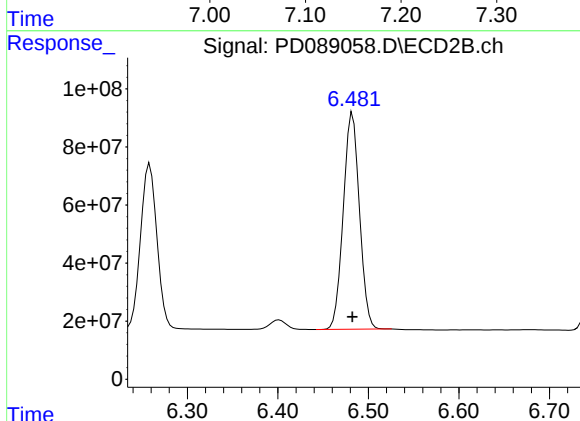
ClientSampleId :

PSTDCCC050

Manual Integrations

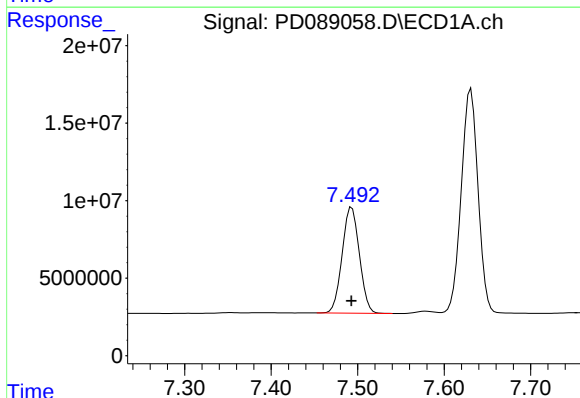
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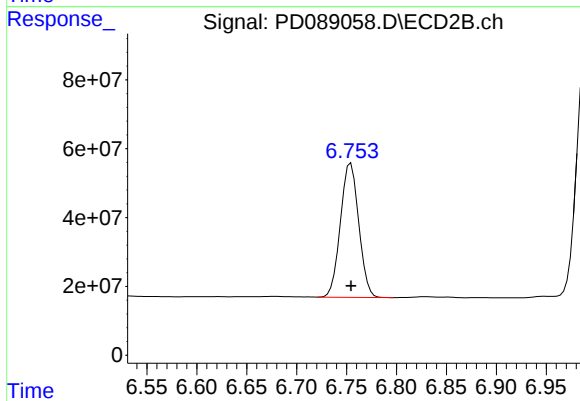
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 927349997
Conc: 47.26 ng/ml



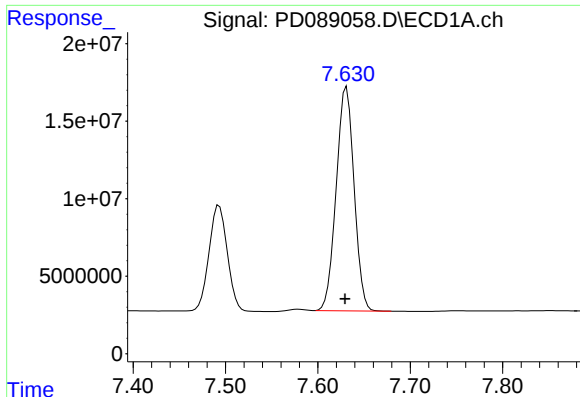
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 93840259
Conc: 46.44 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 497745591
Conc: 46.22 ng/ml



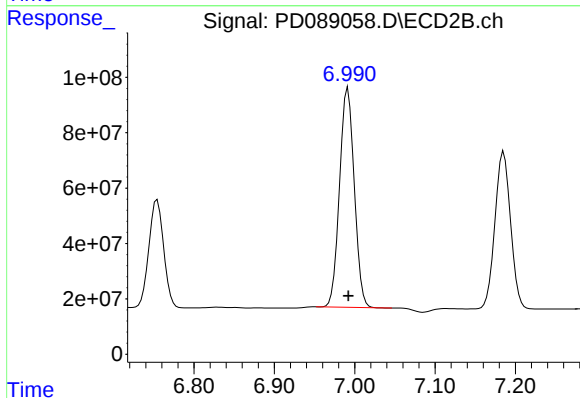
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.002 min
Response: 194268268
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

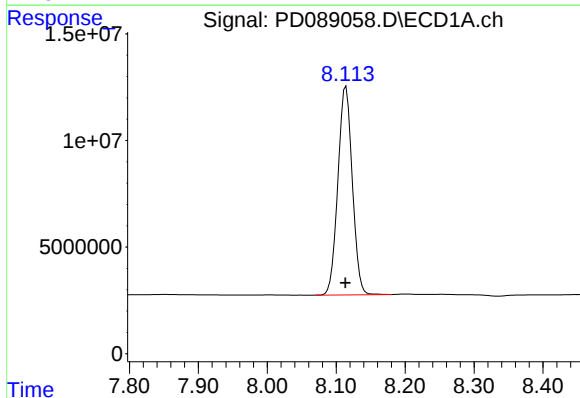
Manual Integrations
APPROVED

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



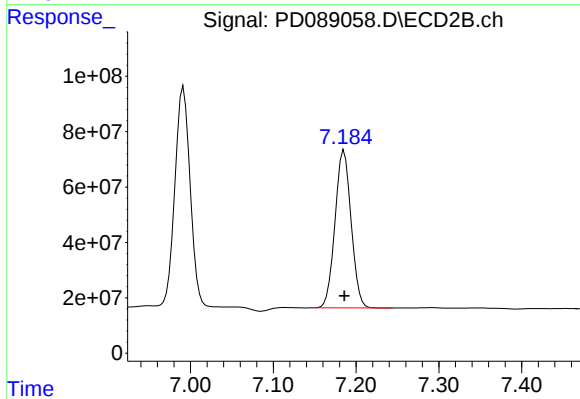
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 1009211953
Conc: 46.72 ng/ml



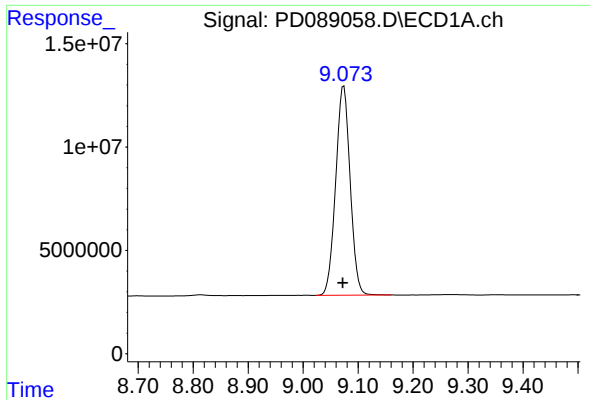
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 141923343
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 767687204
Conc: 46.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 185275188
Conc: 47.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

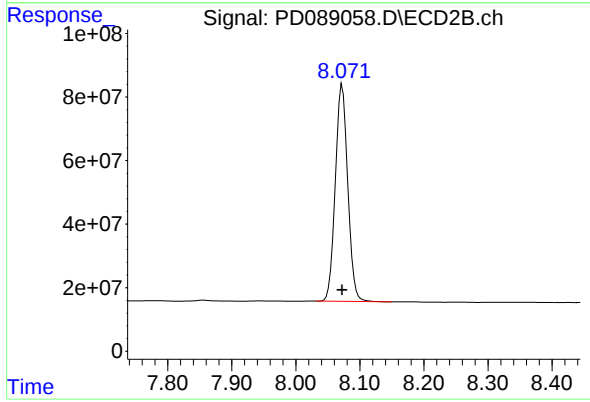
PSTDCCC050

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2025



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 920834915
Conc: 46.58 ng/ml