

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:50:47 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	147.6E6	887.4E6	51.727	52.342
2)	SA Decachlor...	9.072	8.072	184.5E6	870.1E6	46.969	44.012
Target Compounds							
2)	A alpha-BHC	3.999	3.393	302.8E6	1363.9E6	51.945	50.897
3)	MA gamma-BHC...	4.331	3.730	286.3E6	1218.8E6	51.284	49.229
4)	MA Heptachlor	4.930	4.083	268.8E6	1196.6E6	49.306	47.792
5)	MB Aldrin	5.271	4.369	270.8E6	1207.8E6	50.962	49.874
6)	B beta-BHC	4.516	4.026	108.9E6	524.2E6	49.361	48.777
7)	B delta-BHC	4.764	4.262	274.4E6	1229.9E6	53.464	49.447
8)	B Heptachlo...	5.692	4.871	236.0E6	1083.7E6	48.922	49.488m
9)	A Endosulfan I	6.075	5.247	223.4E6	1042.5E6	49.554	50.018
10)	B gamma-Chl...	5.946	5.124	239.4E6	1158.0E6	49.988	48.405m
11)	B alpha-Chl...	6.027	5.190	238.4E6	1146.7E6	49.274	50.080
12)	B 4,4'-DDE	6.196	5.375	209.5E6	1118.1E6	48.037	48.792
13)	MA Dieldrin	6.347	5.511	236.1E6	1127.4E6	49.220	48.577m
14)	MA Endrin	6.575	5.789	191.0E6	1059.5E6	46.291	48.795
15)	B Endosulfa...	6.786	6.080	192.8E6	954.4E6	47.772	47.253
16)	A 4,4'-DDD	6.705	5.930	173.0E6	889.3E6	50.409	46.487
17)	MA 4,4'-DDT	7.021	6.183	159.5E6	847.5E6	42.105	41.791
18)	B Endrin al...	6.915	6.259	144.7E6	698.9E6	47.211	45.644
19)	B Endosulfa...	7.149	6.482	178.6E6	908.8E6	46.536	46.315
20)	A Methoxychlor	7.493	6.753	97144839	518.0E6	48.077	48.105
21)	B Endrin ke...	7.630	6.991	194.2E6	1005.1E6	47.688	46.528
22)	Mirex	8.113	7.185	137.8E6	767.5E6	45.326	46.019

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

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Acq On : 01 Jul 2025 19:34
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Sample : PSTDCCC050
Misc :
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Instrument :

ECD_D

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PSTDCCC050

Manual Integrations

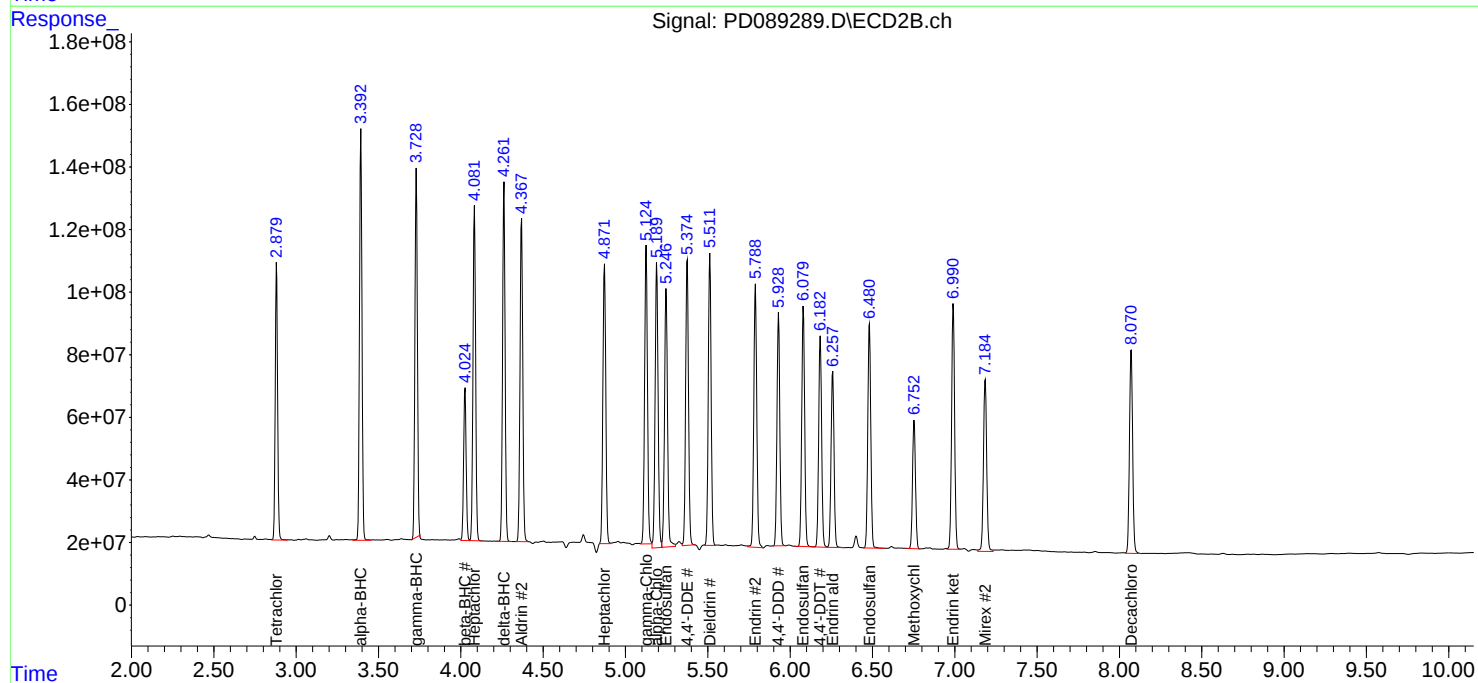
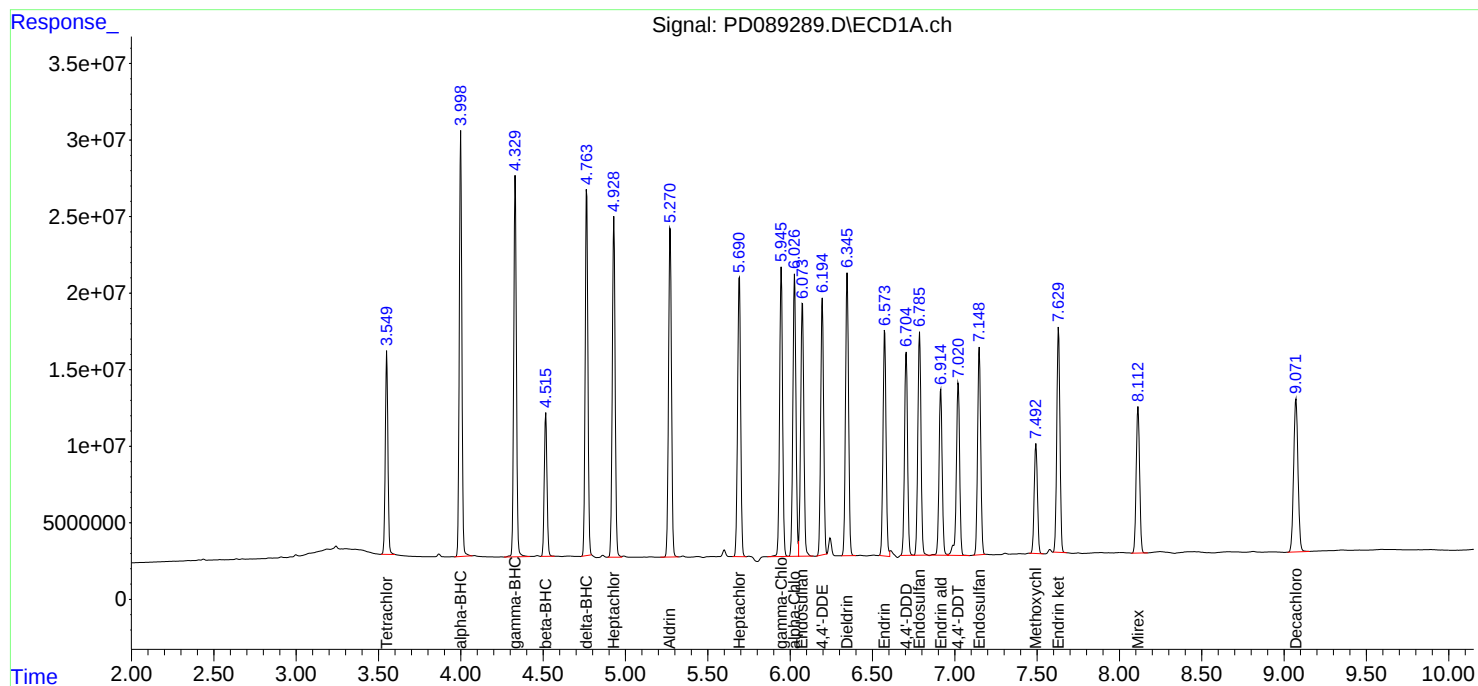
APPROVED

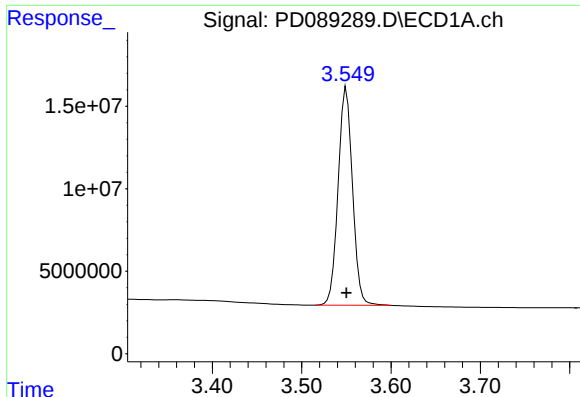
Reviewed By :Abdul Mirza 07/02/2025

Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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





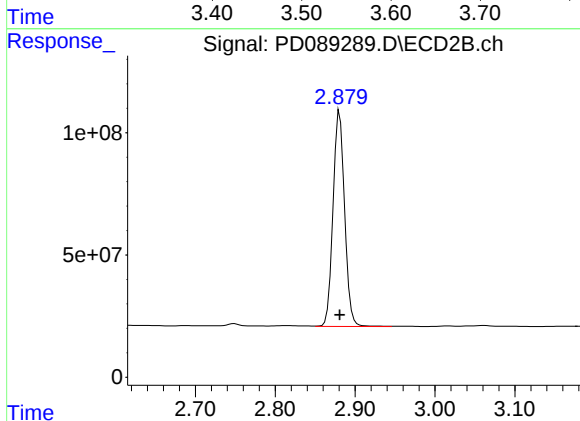
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 147583783
Conc: 51.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

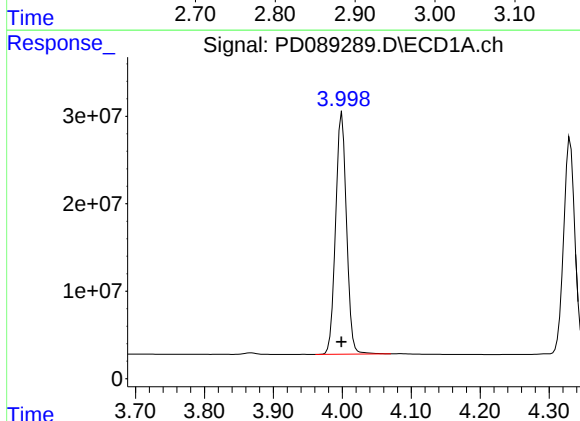
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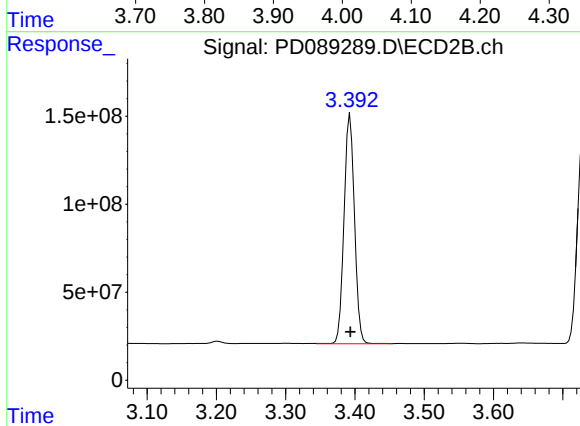
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 887370796
Conc: 52.34 ng/ml



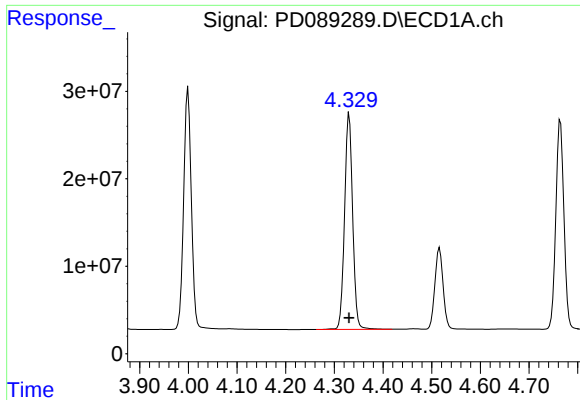
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 302789062
Conc: 51.94 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1363898491
Conc: 50.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 286250406
Conc: 51.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

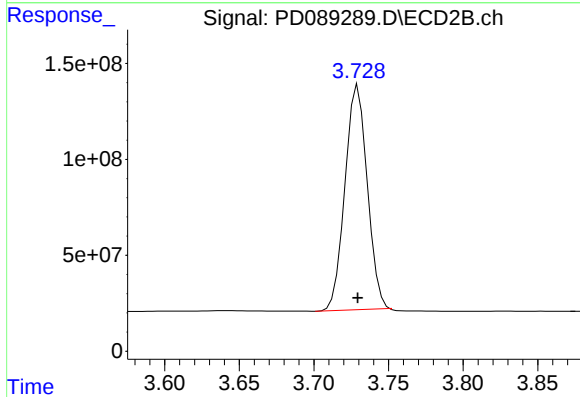
PSTDCCC050

Manual Integrations

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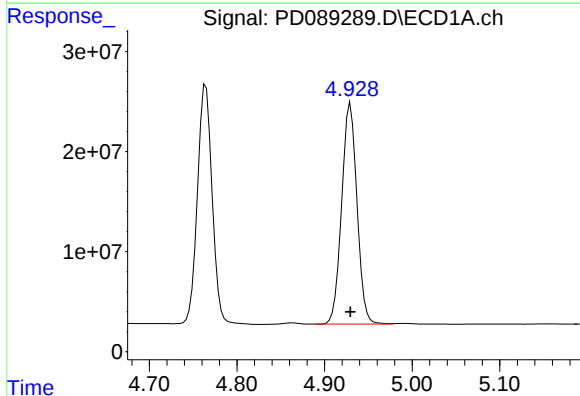
Reviewed By :Abdul Mirza 07/02/2025

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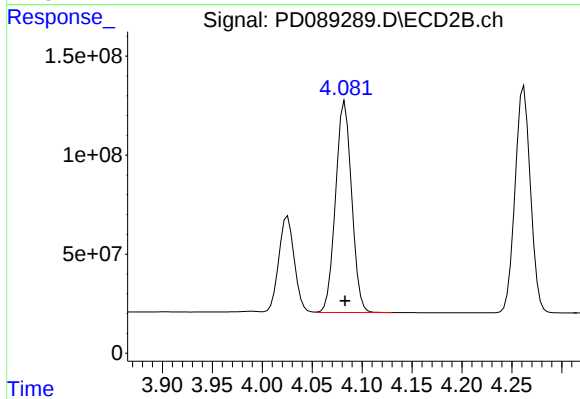
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1218768264
Conc: 49.23 ng/ml



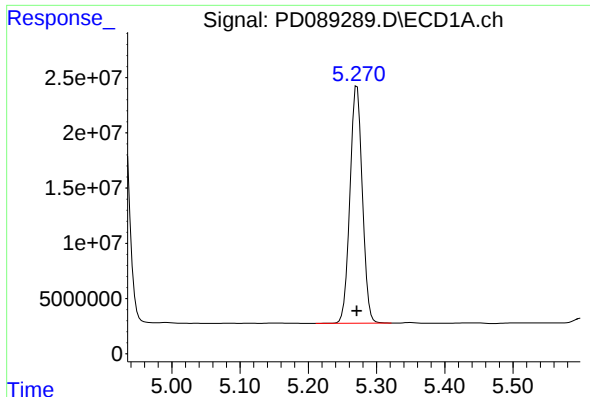
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 268815237
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1196641407
Conc: 47.79 ng/ml



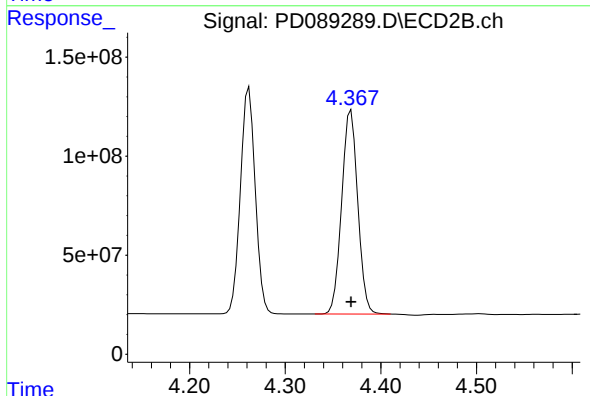
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 270759422
Conc: 50.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

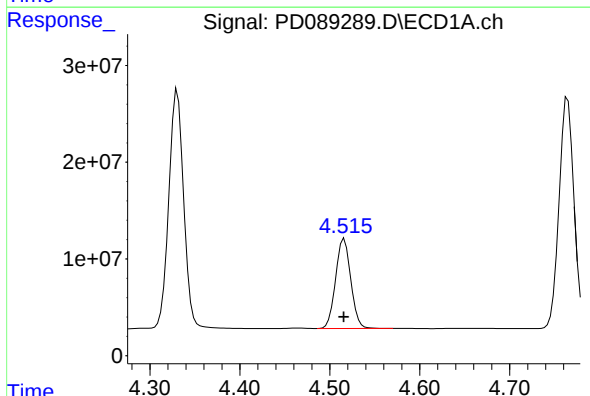
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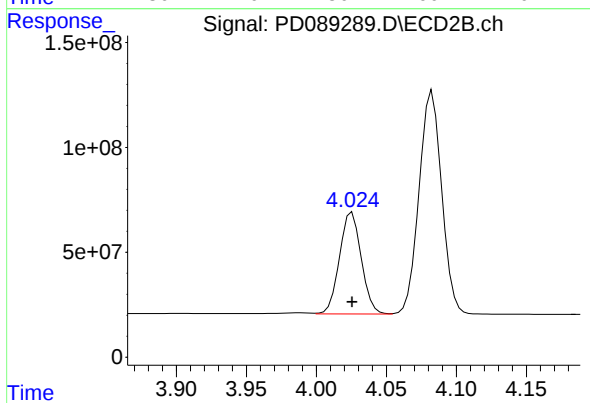
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1207822720
Conc: 49.87 ng/ml



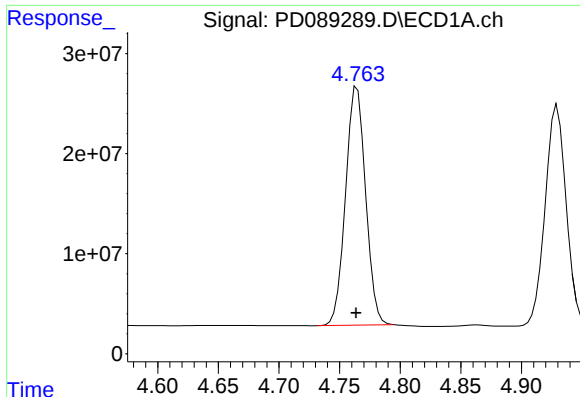
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 108945590
Conc: 49.36 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 524170106
Conc: 48.78 ng/ml



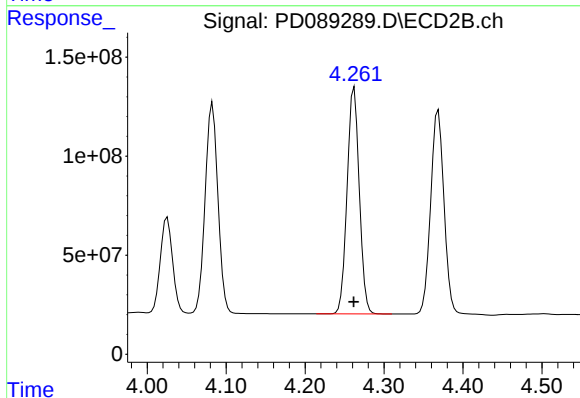
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 274424792
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

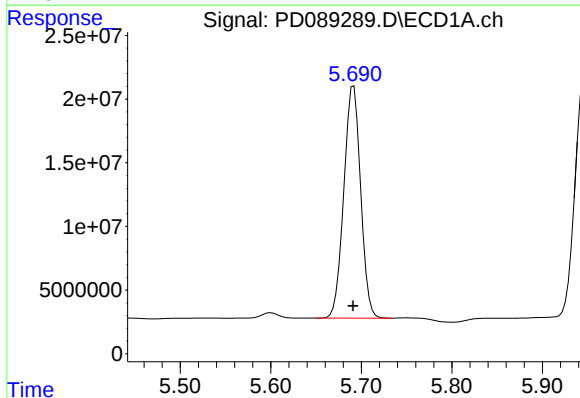
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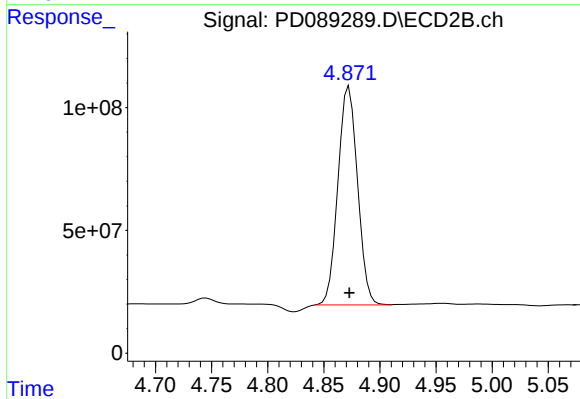
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1229931168
Conc: 49.45 ng/ml



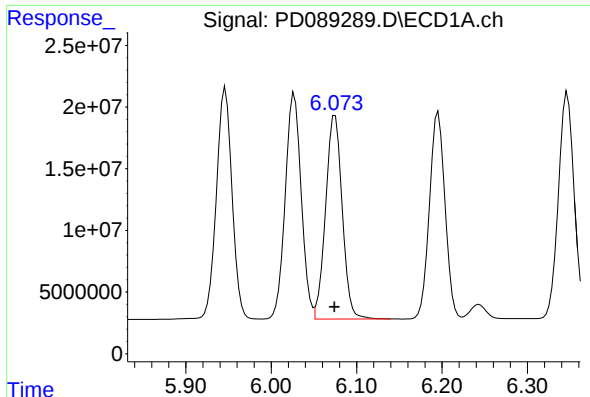
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 235994603
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 1083684287
Conc: 49.49 ng/ml m



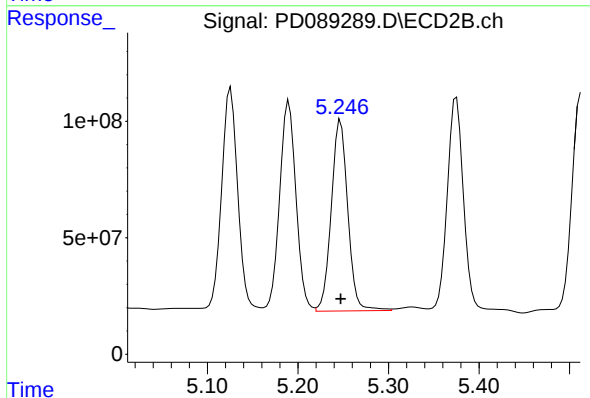
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 223363428
Conc: 49.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

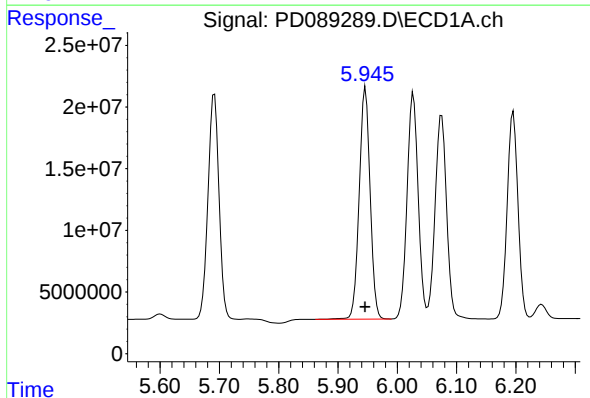
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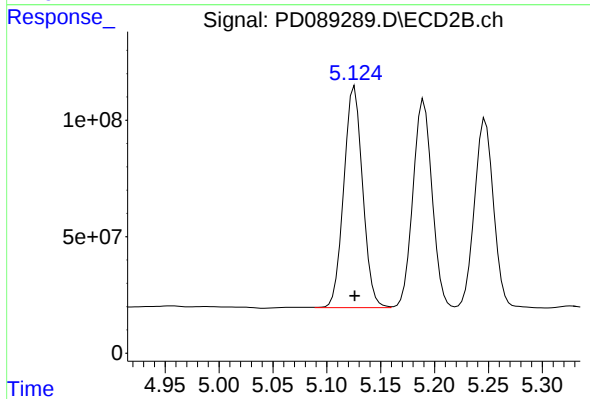
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 1042493364
Conc: 50.02 ng/ml



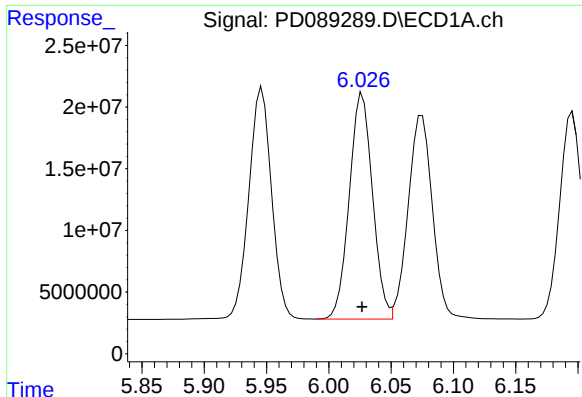
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 239350248
Conc: 49.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 1157970849
Conc: 48.40 ng/ml m



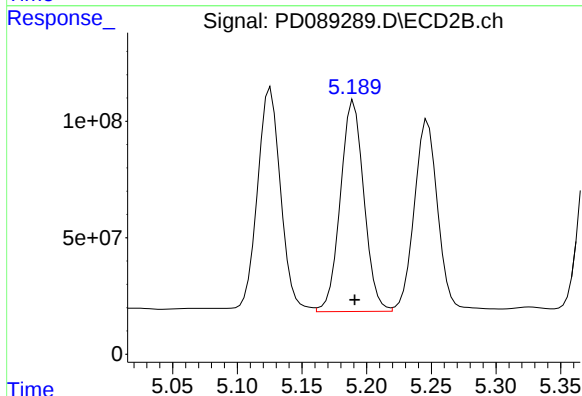
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 238413263
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

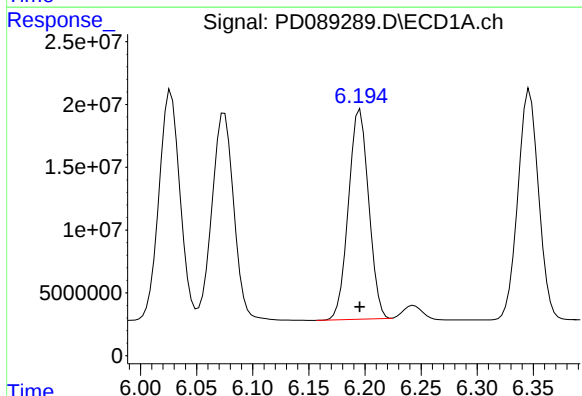
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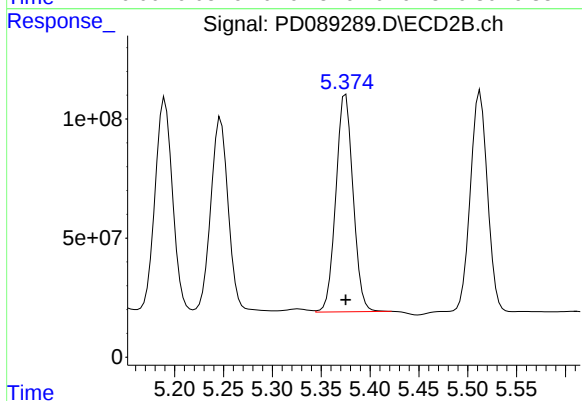
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1146661619
Conc: 50.08 ng/ml



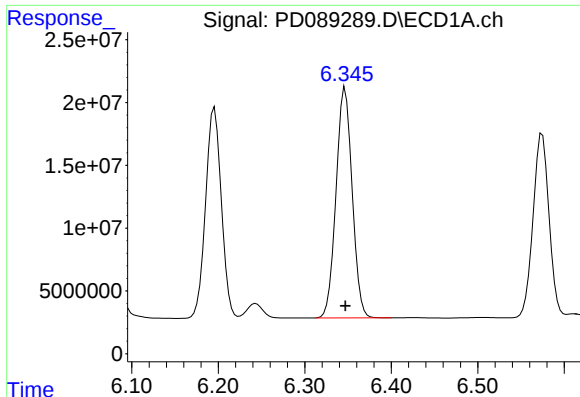
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 209490659
Conc: 48.04 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1118122966
Conc: 48.79 ng/ml



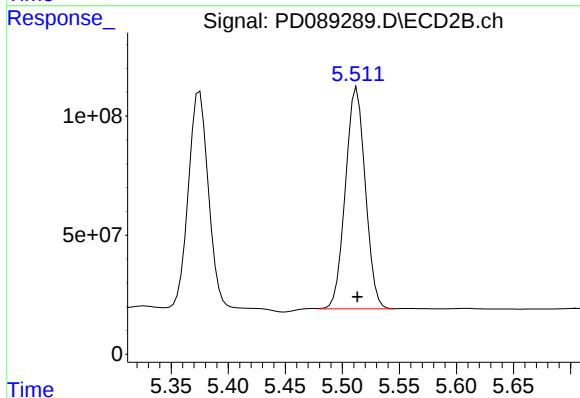
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 236132315
Conc: 49.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

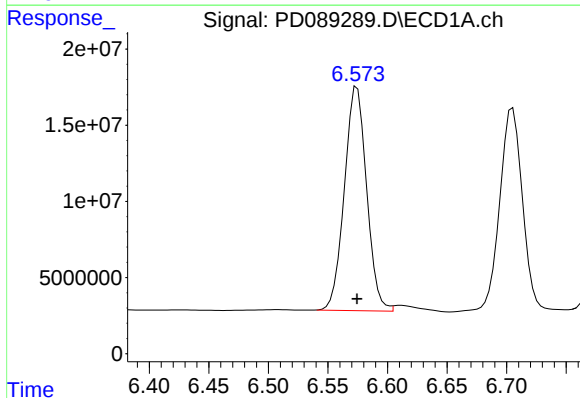
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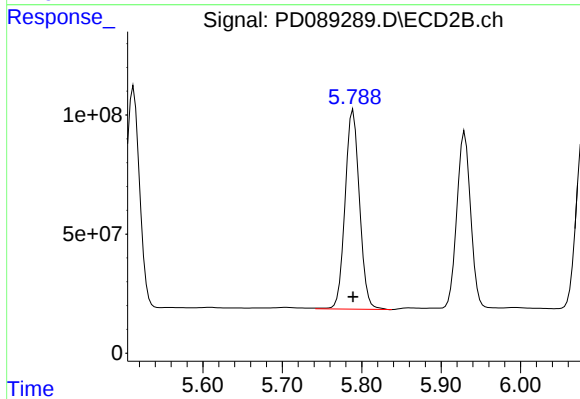
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1127396809
Conc: 48.58 ng/ml m



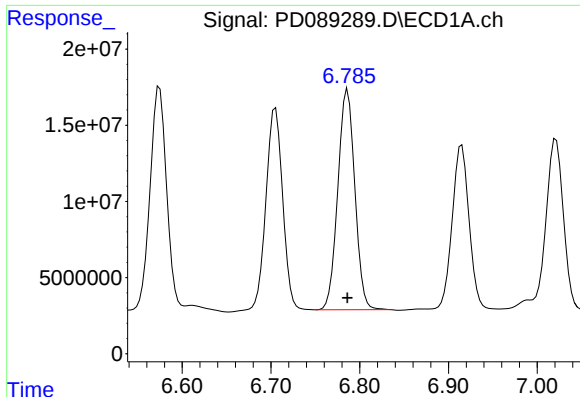
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 190976743
Conc: 46.29 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1059538631
Conc: 48.80 ng/ml



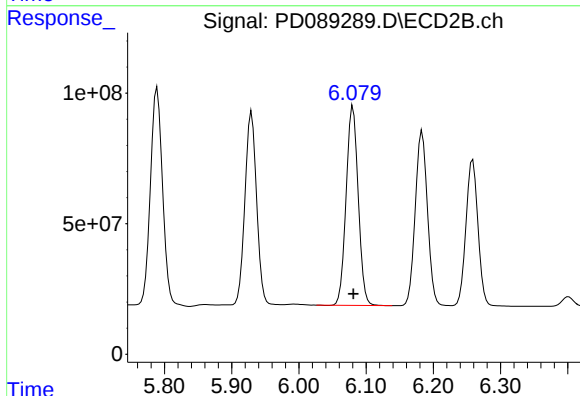
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 192837118
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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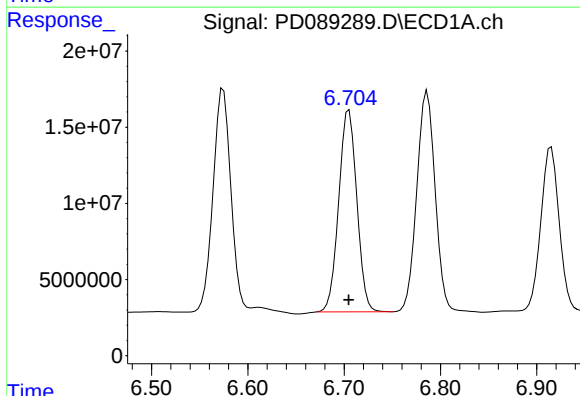
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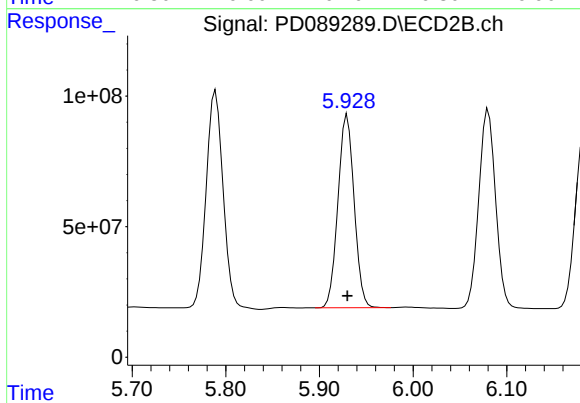
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 954357635
Conc: 47.25 ng/ml



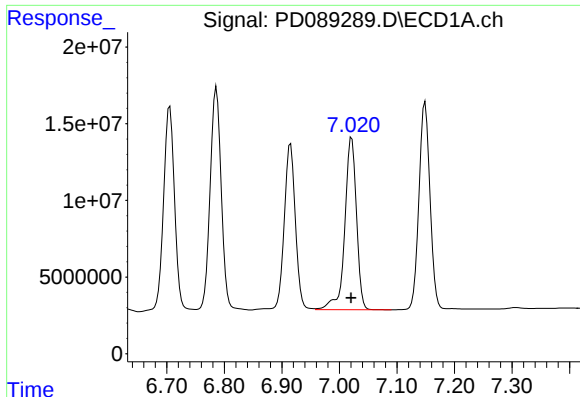
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 173007515
Conc: 50.41 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 889263808
Conc: 46.49 ng/ml



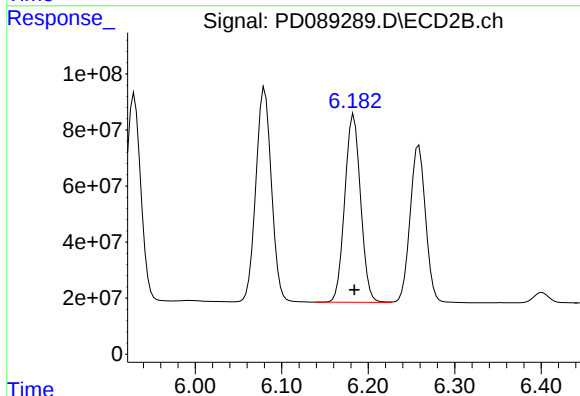
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 159503201
Conc: 42.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

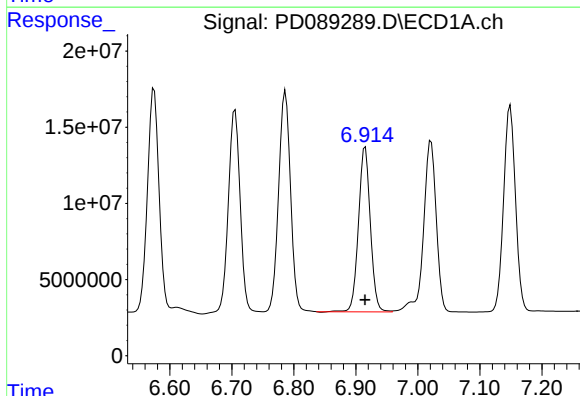
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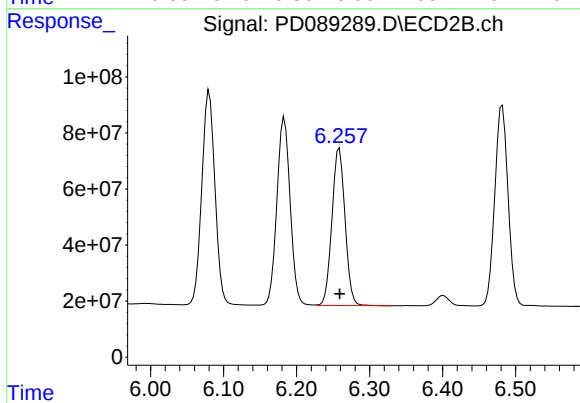
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 847488376
Conc: 41.79 ng/ml



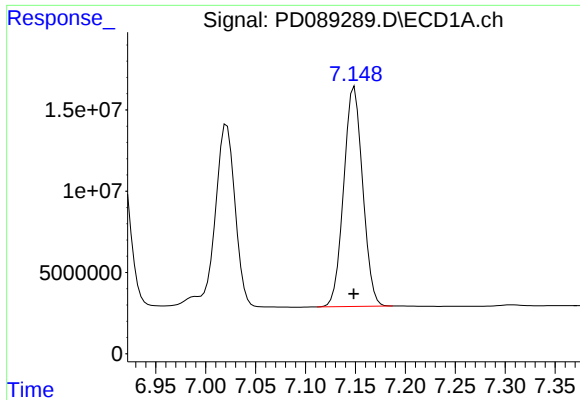
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 144651560
Conc: 47.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 698873513
Conc: 45.64 ng/ml



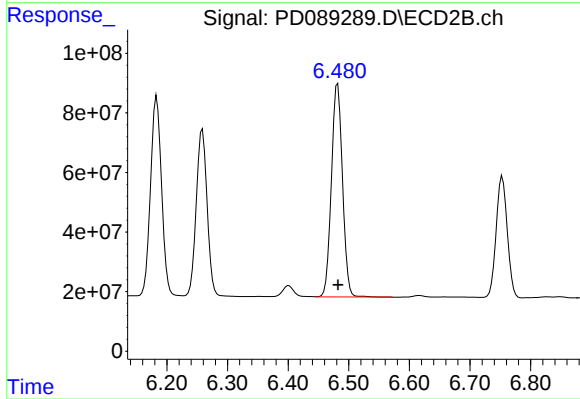
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 178570233
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

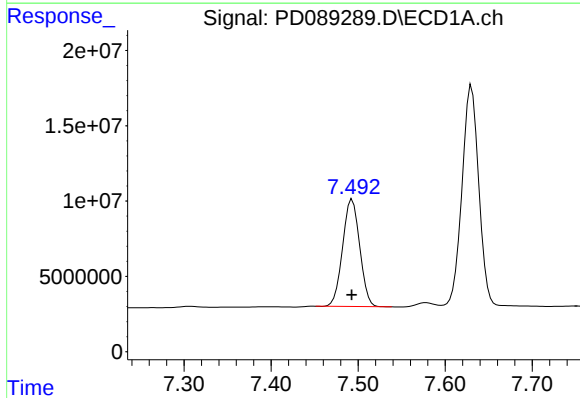
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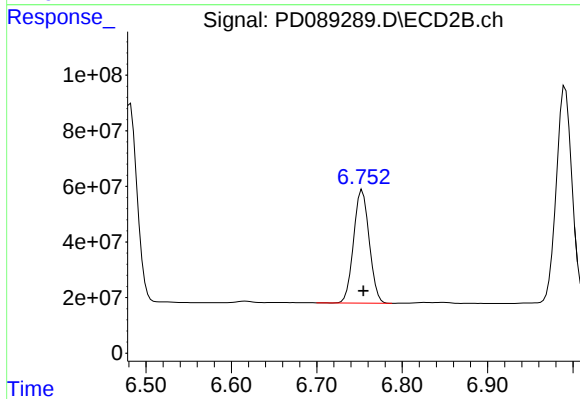
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 908750959
Conc: 46.32 ng/ml



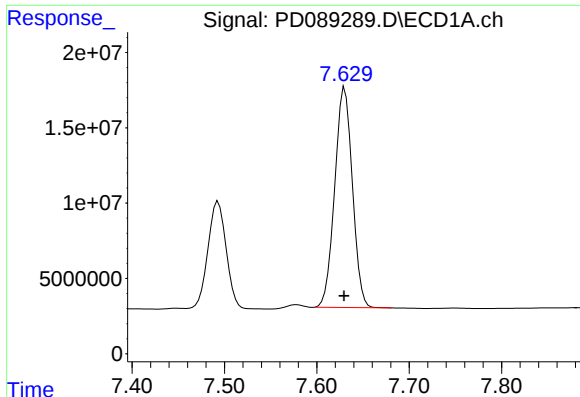
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 97144839
Conc: 48.08 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 517994421
Conc: 48.10 ng/ml



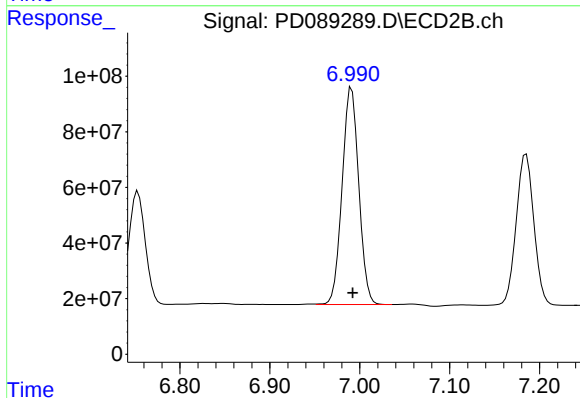
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 194235245
Conc: 47.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

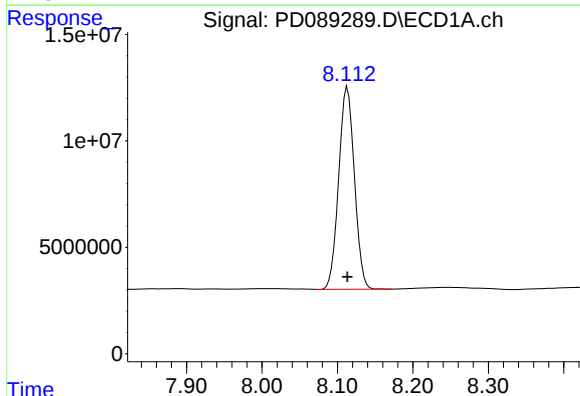
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



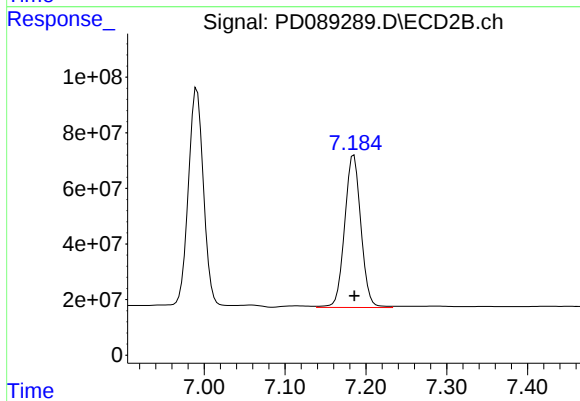
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 1005087519
Conc: 46.53 ng/ml



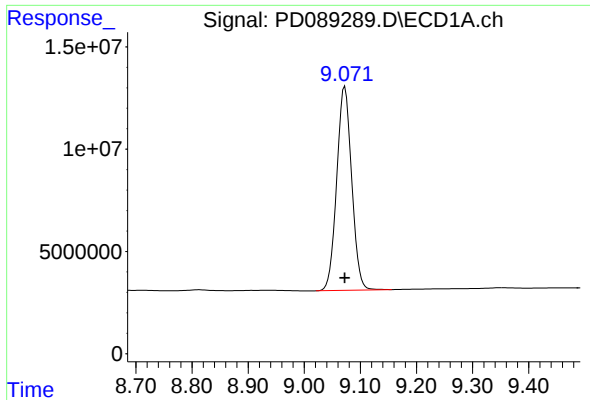
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 137797780
Conc: 45.33 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 767520485
Conc: 46.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 184477487
Conc: 46.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

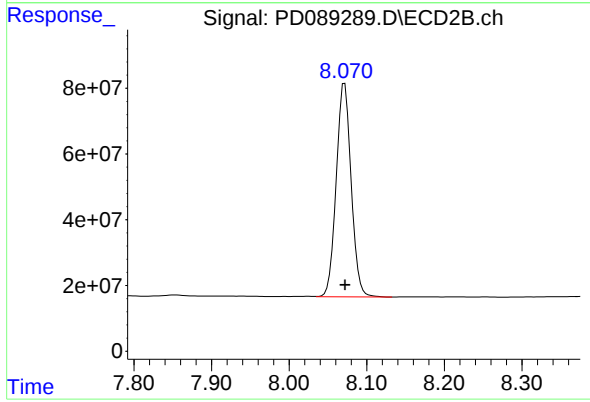
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 870116178
Conc: 44.01 ng/ml