

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 19:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:53:56 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	155.4E6	902.2E6	54.475	53.219
2)	SA Decachlor...	9.071	8.071	189.2E6	855.6E6	48.168	43.279
Target Compounds							
2)	A alpha-BHC	3.999	3.393	330.4E6	1432.2E6	56.684	53.448
3)	MA gamma-BHC...	4.330	3.729	307.7E6	1303.4E6	55.132	52.648
4)	MA Heptachlor	4.929	4.083	272.2E6	1200.7E6	49.919	47.953
5)	MB Aldrin	5.271	4.369	292.5E6	1276.5E6	55.053	52.709
6)	B beta-BHC	4.515	4.025	118.6E6	561.1E6	53.729	52.214
7)	B delta-BHC	4.763	4.262	299.3E6	1313.3E6	58.310	52.800
8)	B Heptachlo...	5.690	4.872	254.7E6	1159.7E6	52.796	52.961
9)	A Endosulfan I	6.073	5.246	238.8E6	1055.7E6	52.988	50.652
10)	B gamma-Chl...	5.945	5.125	260.8E6	1229.3E6	54.461	51.388
11)	B alpha-Chl...	6.026	5.190	256.5E6	1168.1E6	53.017	51.017
12)	B 4,4'-DDE	6.195	5.374	231.9E6	1168.9E6	53.165	51.010
13)	MA Dieldrin	6.346	5.512	256.9E6	1183.7E6	53.551	51.003
14)	MA Endrin	6.574	5.788	213.9E6	1084.0E6	51.851	49.921
15)	B Endosulfa...	6.785	6.080	210.7E6	1003.4E6	52.195	49.681
16)	A 4,4'-DDD	6.704	5.929	181.4E6	961.8E6	52.841	50.277
17)	MA 4,4'-DDT	7.020	6.183	167.6E6	884.2E6	44.234	43.599
18)	B Endrin al...	6.913	6.258	146.7E6	712.8E6	47.890	46.554
19)	B Endosulfa...	7.148	6.481	188.8E6	937.7E6	49.194	47.793
20)	A Methoxychlor	7.490	6.753	81226936	435.0E6	40.199m	40.397
21)	B Endrin ke...	7.629	6.990	192.2E6	975.8E6	47.192	45.173
22)	Mirex	8.112	7.184	140.6E6	747.1E6	46.241	44.798

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
Data File : PD089093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 19:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

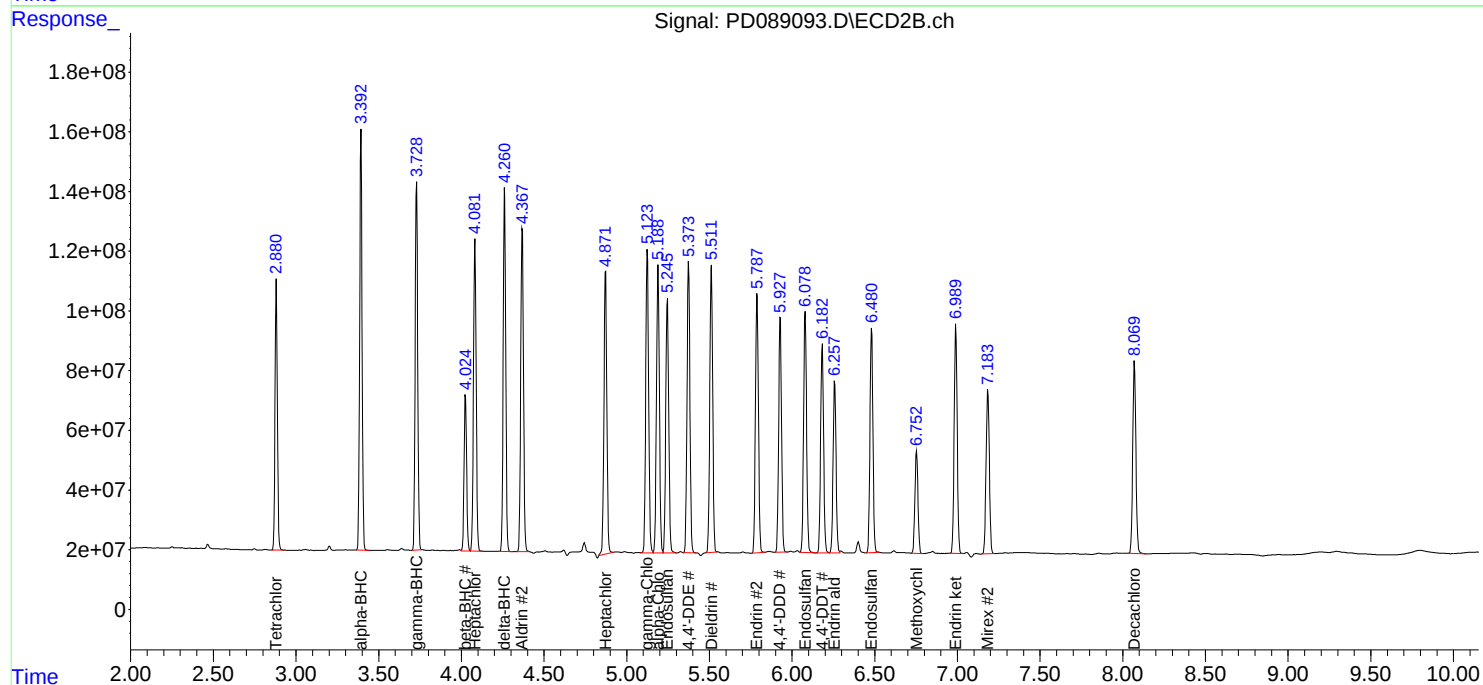
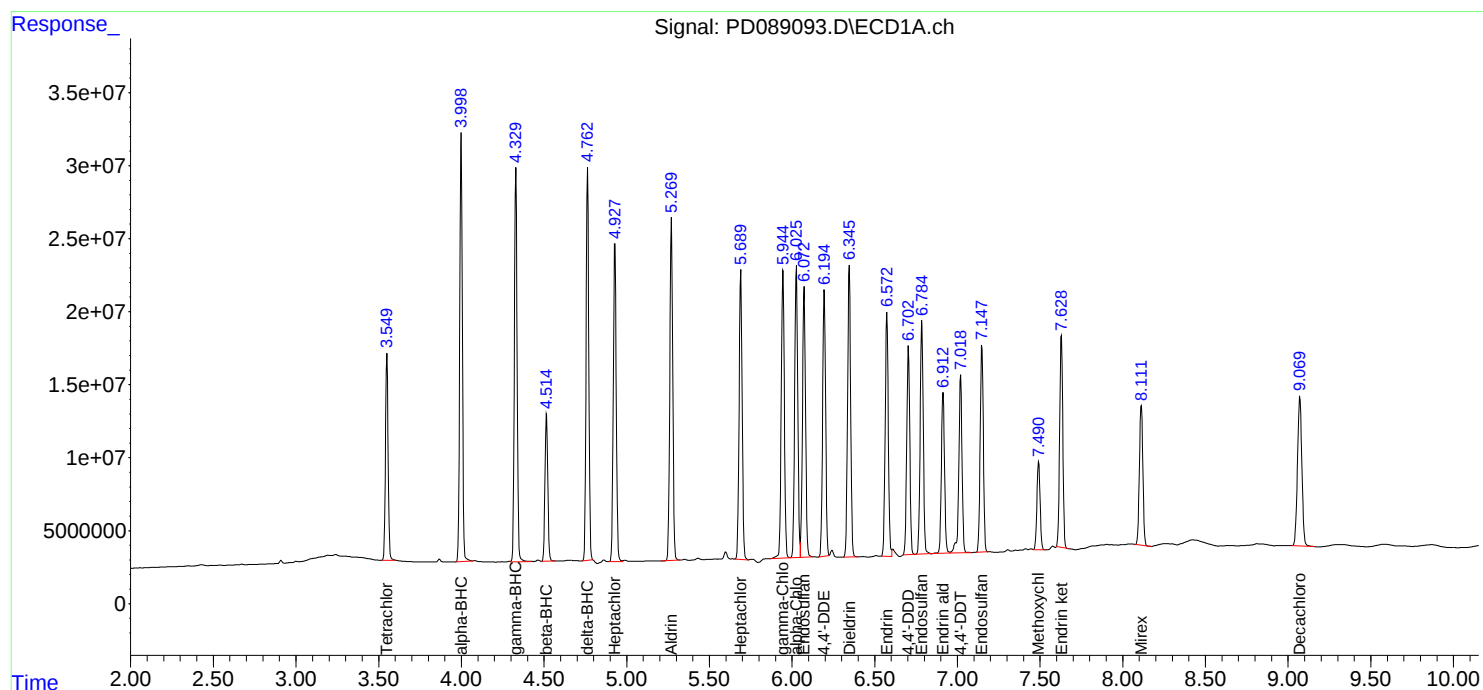
APPROVED

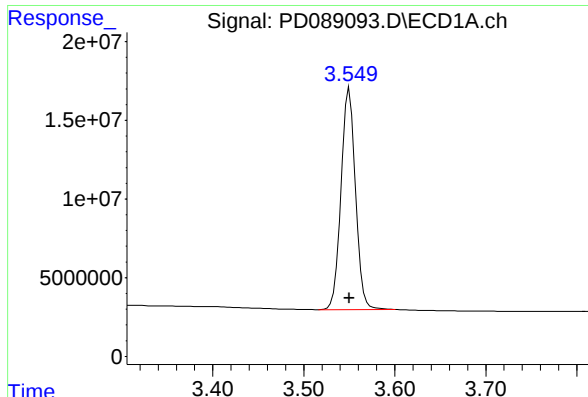
Reviewed By :Abdul Mirza 06/24/2025

Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 24 01:53:56 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





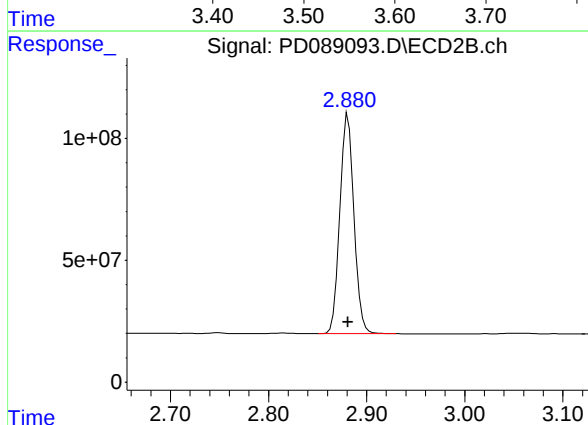
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 155423294
Conc: 54.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

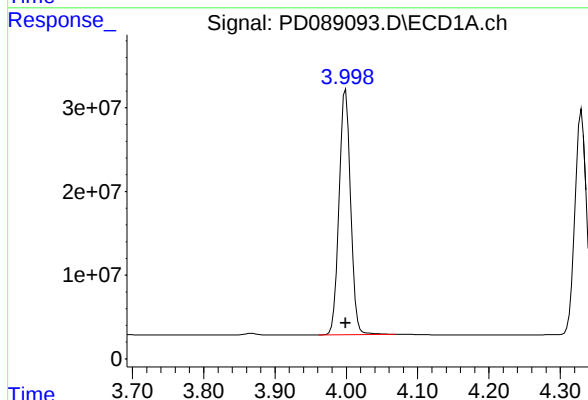
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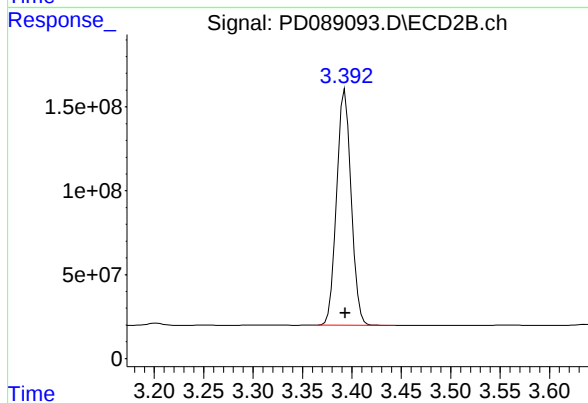
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 902230081
Conc: 53.22 ng/ml



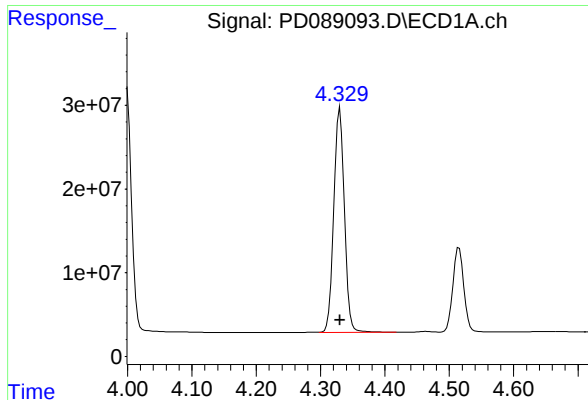
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 330417401
Conc: 56.68 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1432241372
Conc: 53.45 ng/ml



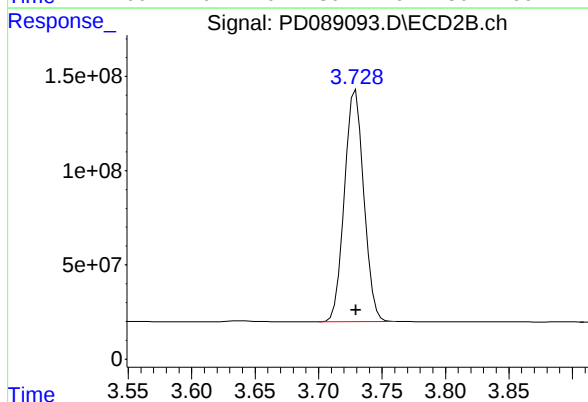
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 307729263
Conc: 55.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

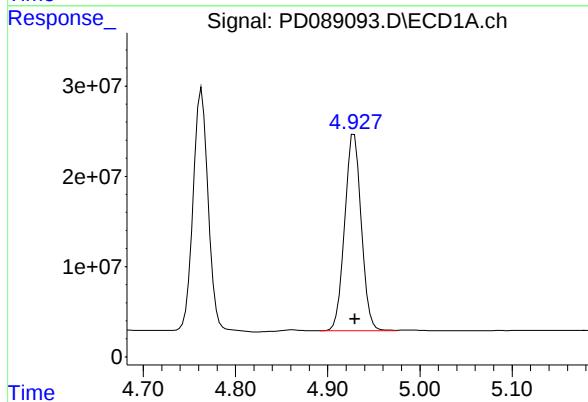
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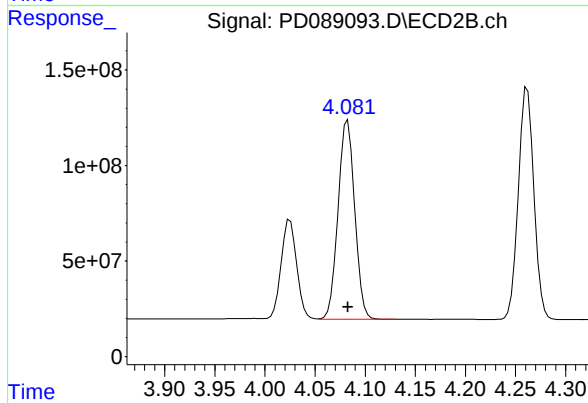
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1303394044
Conc: 52.65 ng/ml



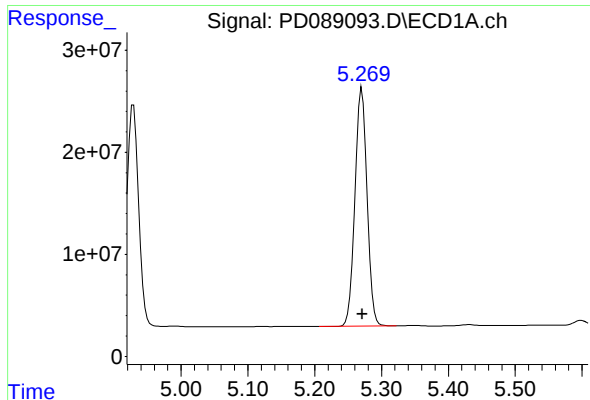
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 272154095
Conc: 49.92 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1200653889
Conc: 47.95 ng/ml



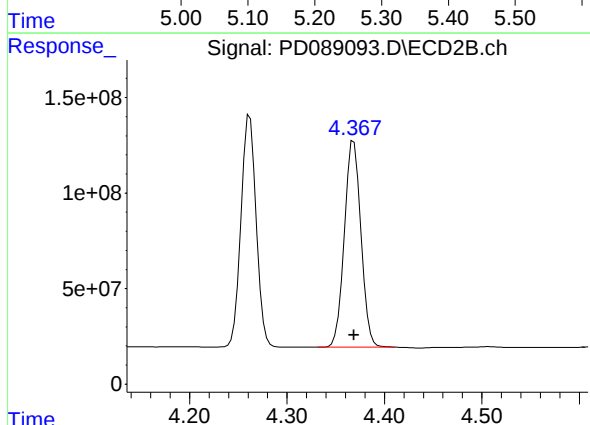
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 292496656
Conc: 55.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

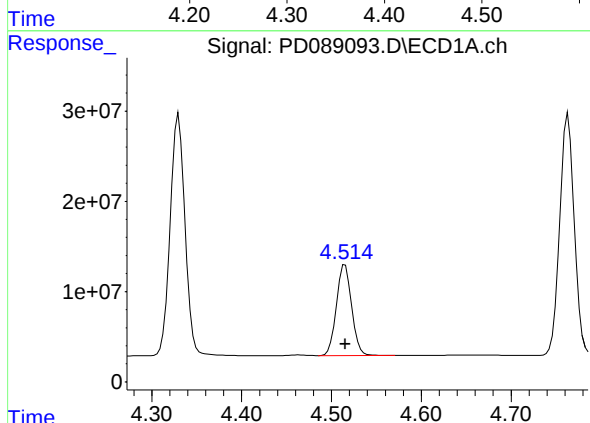
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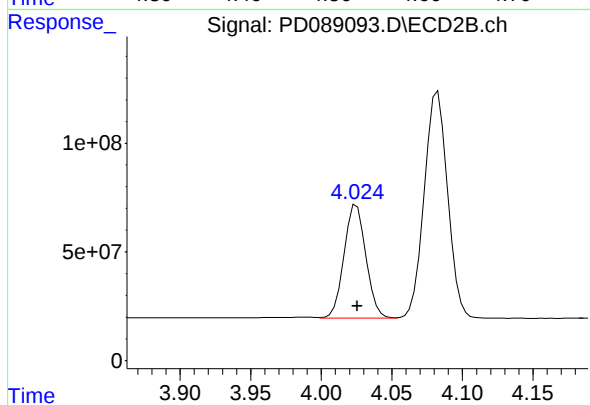
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1276469228
Conc: 52.71 ng/ml



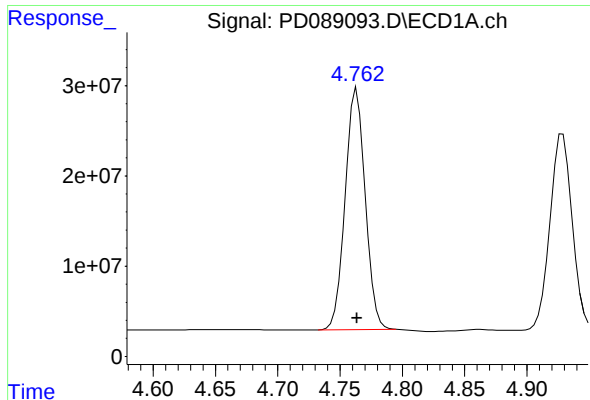
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 118586341
Conc: 53.73 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 561105975
Conc: 52.21 ng/ml



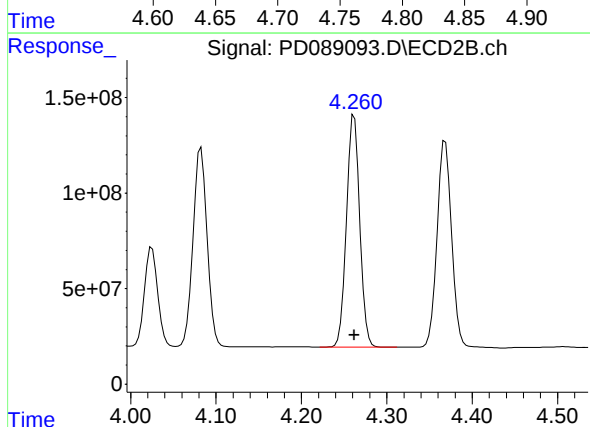
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 299298454
Conc: 58.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

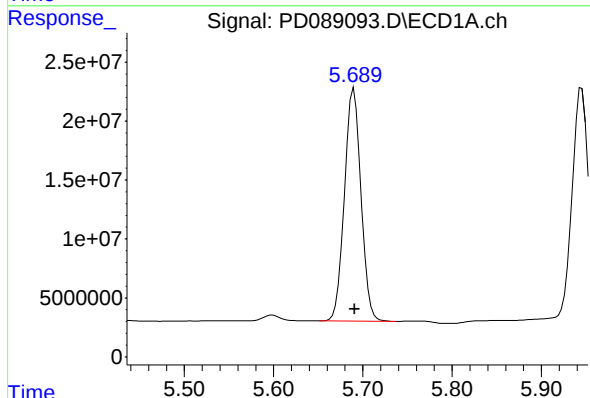
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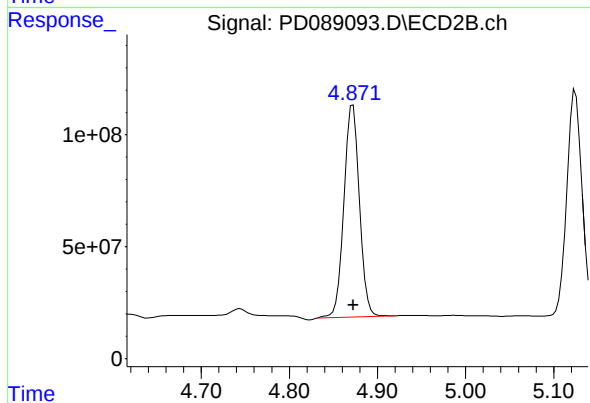
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1313335741
Conc: 52.80 ng/ml



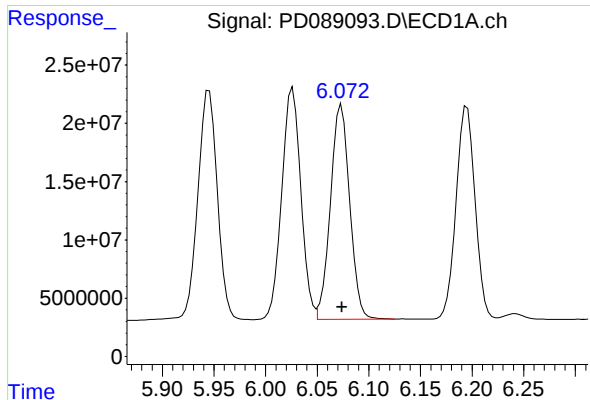
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 254685123
Conc: 52.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1159740294
Conc: 52.96 ng/ml



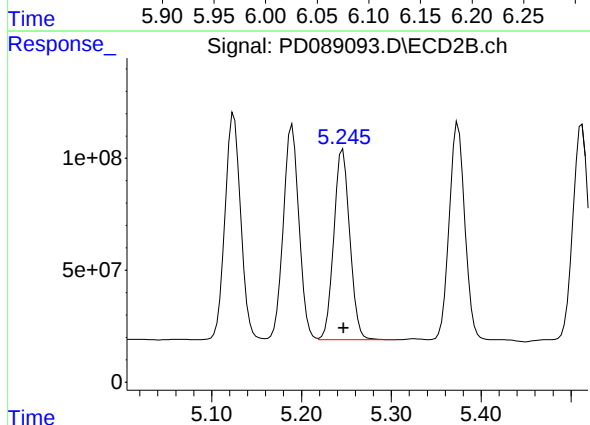
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 238841560
Conc: 52.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

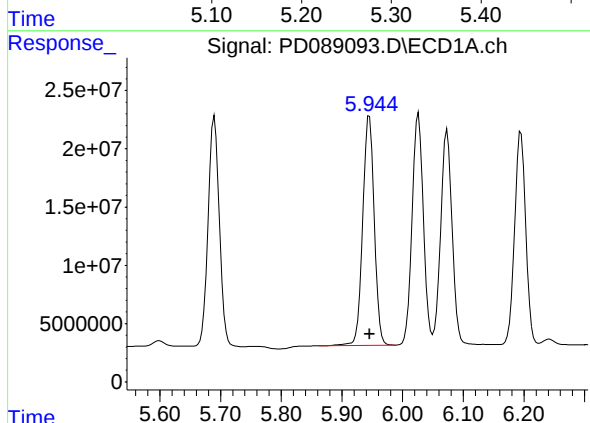
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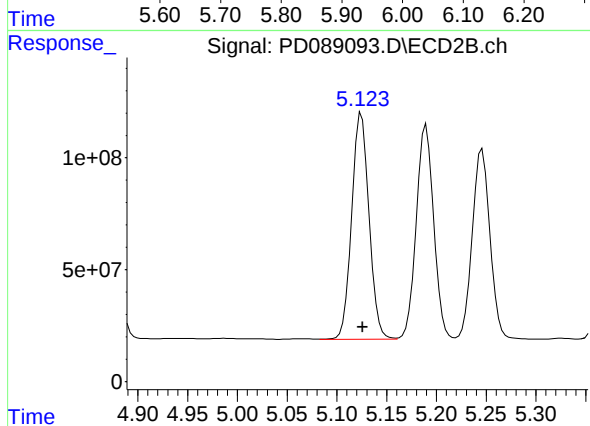
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 1055705798
Conc: 50.65 ng/ml



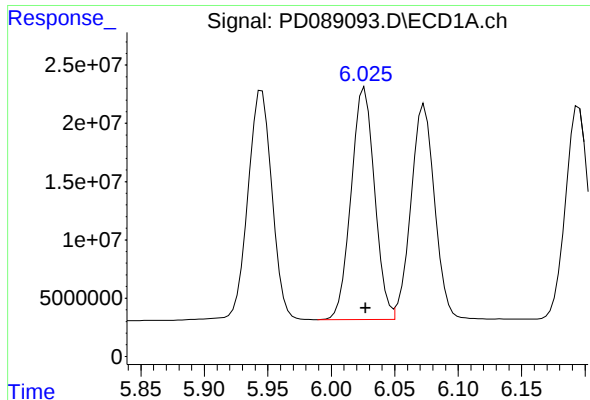
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 260767694
Conc: 54.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 1229344766
Conc: 51.39 ng/ml



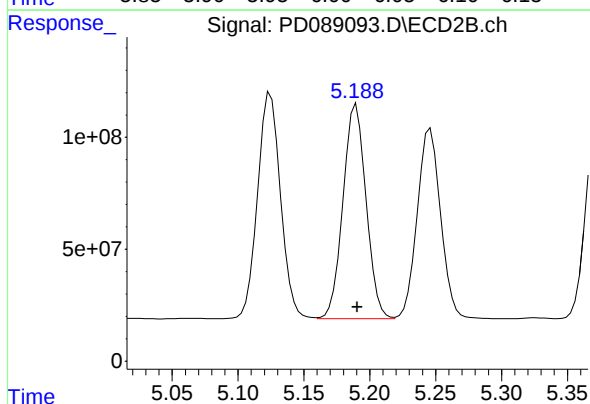
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 256524453
Conc: 53.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

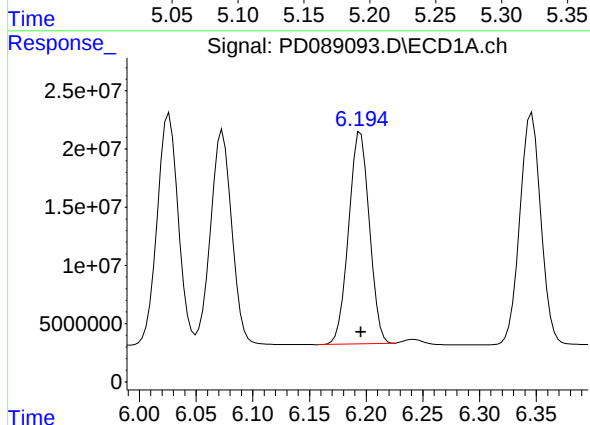
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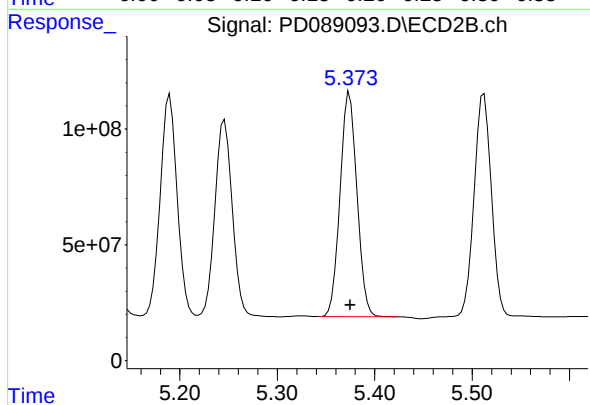
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1168115815
Conc: 51.02 ng/ml



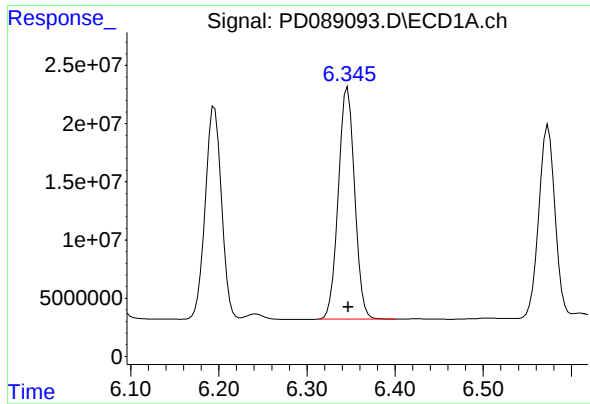
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 231855140
Conc: 53.17 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1168943308
Conc: 51.01 ng/ml



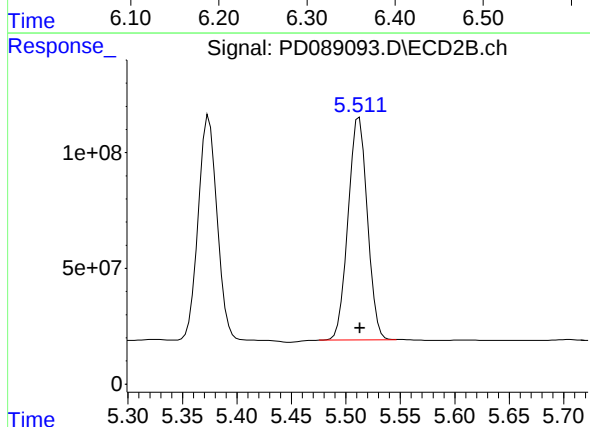
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 256909132
Conc: 53.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

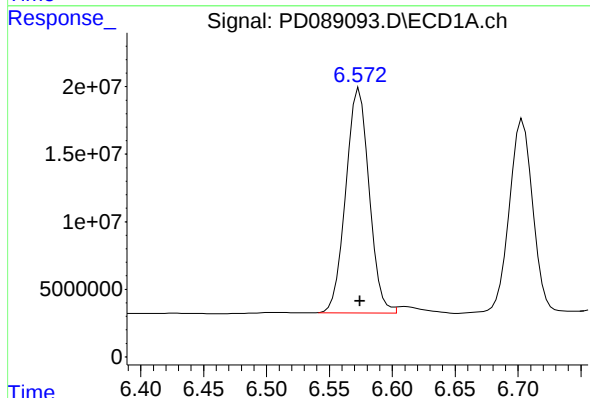
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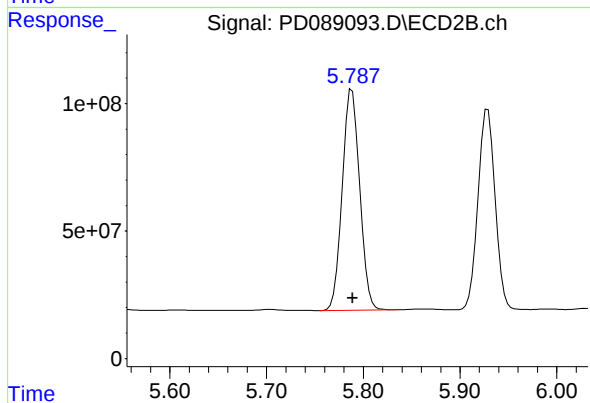
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 1183691300
Conc: 51.00 ng/ml



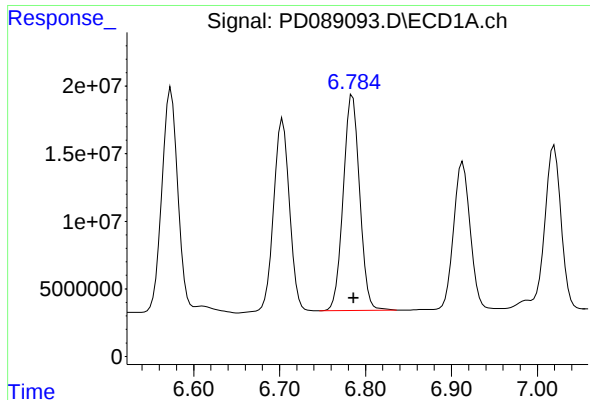
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 213917298
Conc: 51.85 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1083985446
Conc: 49.92 ng/ml



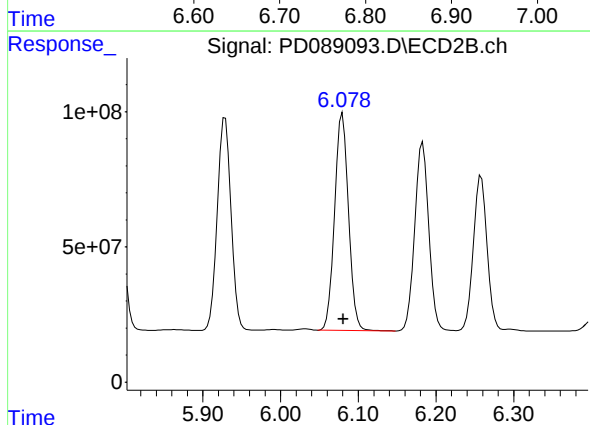
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 210691031
Conc: 52.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

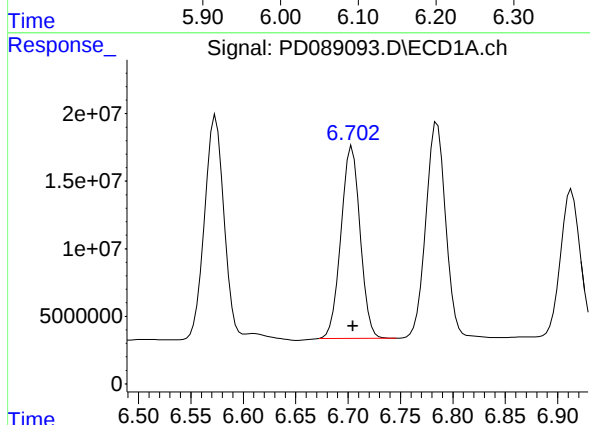
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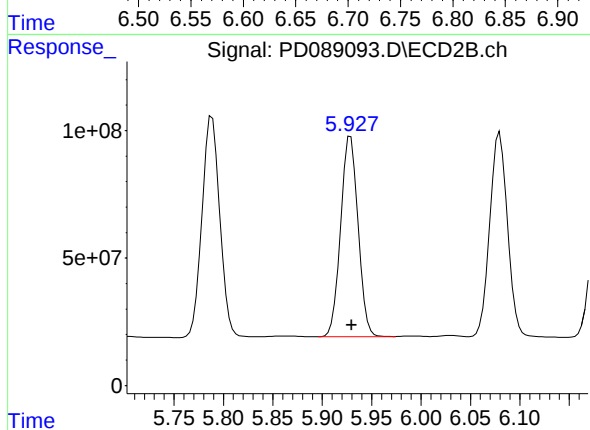
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 1003384935
Conc: 49.68 ng/ml



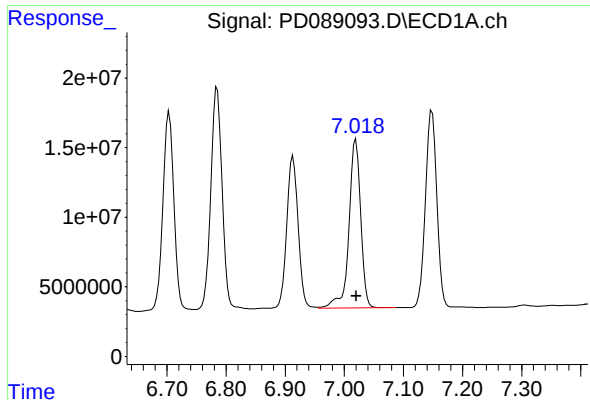
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 181352101
Conc: 52.84 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 961766489
Conc: 50.28 ng/ml



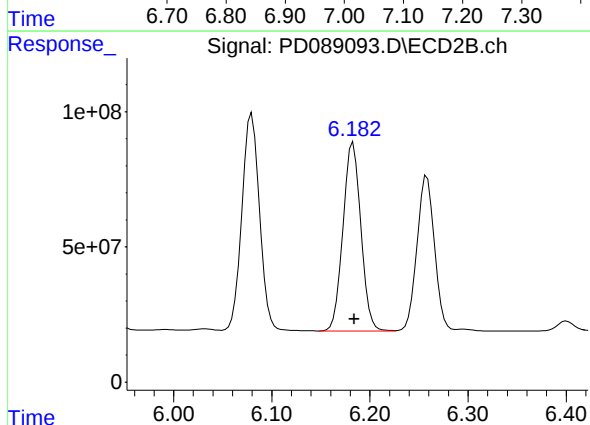
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 167567092
Conc: 44.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

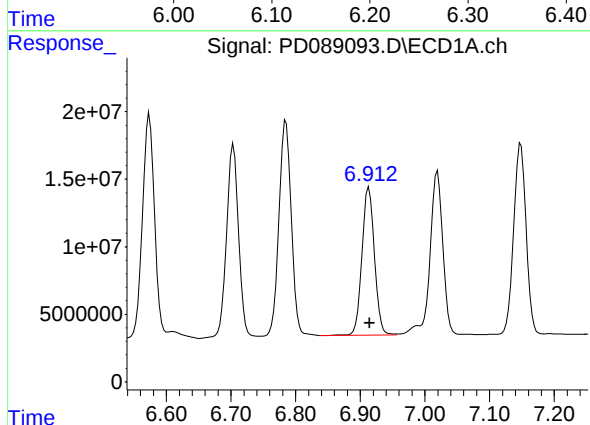
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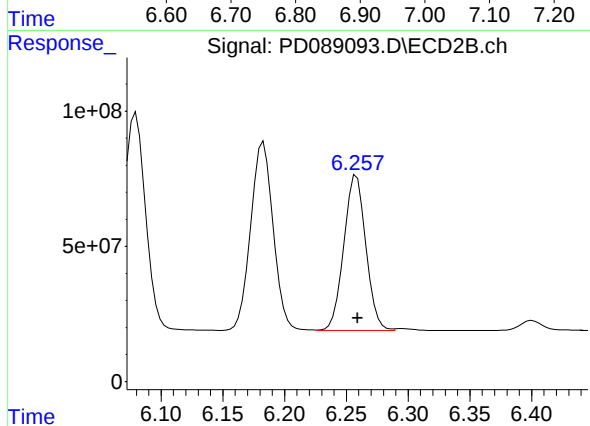
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 884163442
Conc: 43.60 ng/ml



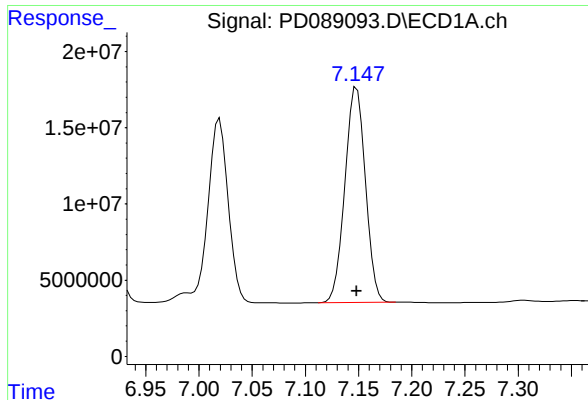
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 146731939
Conc: 47.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 712809925
Conc: 46.55 ng/ml



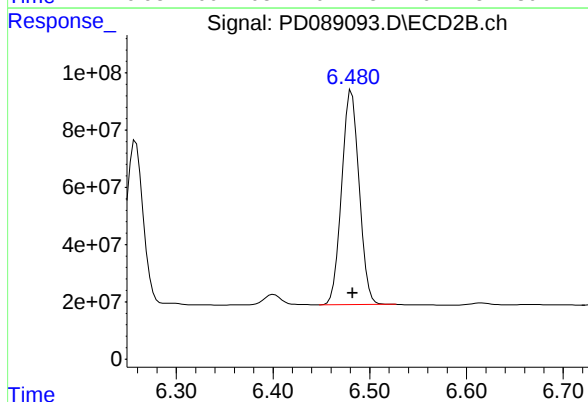
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 188769737
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

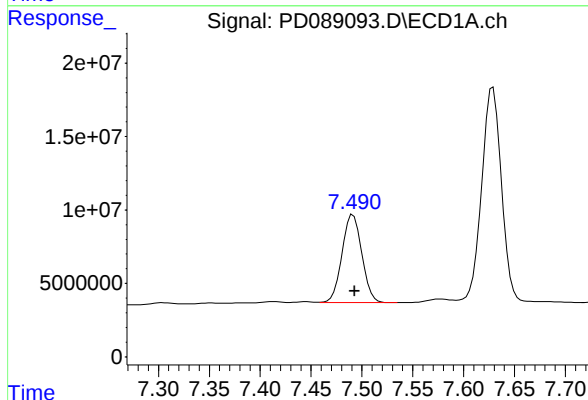
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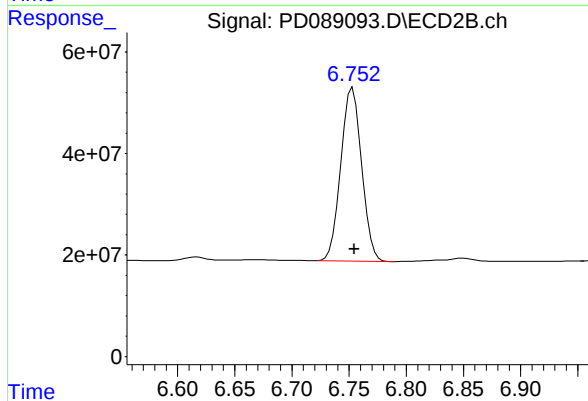
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 937746871
Conc: 47.79 ng/ml



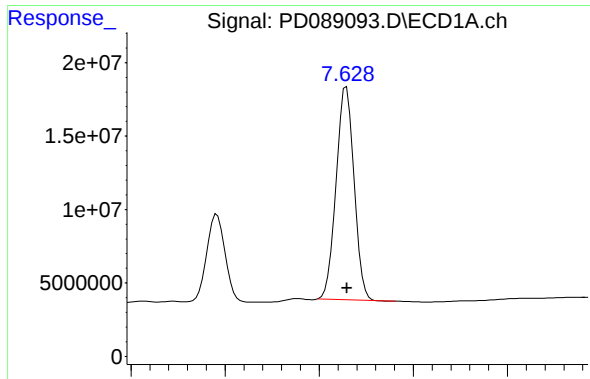
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 81226936
Conc: 40.20 ng/ml m



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 434997405
Conc: 40.40 ng/ml



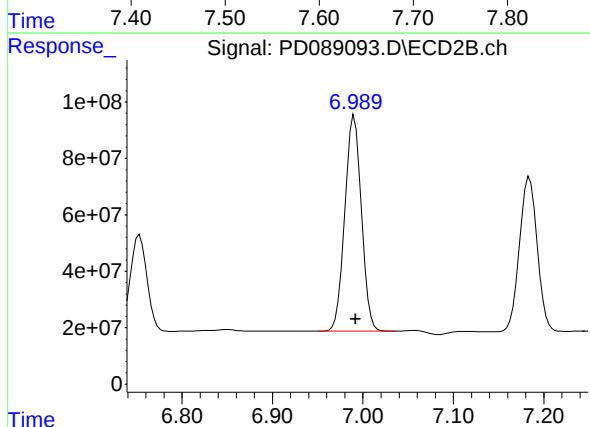
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 192215874
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

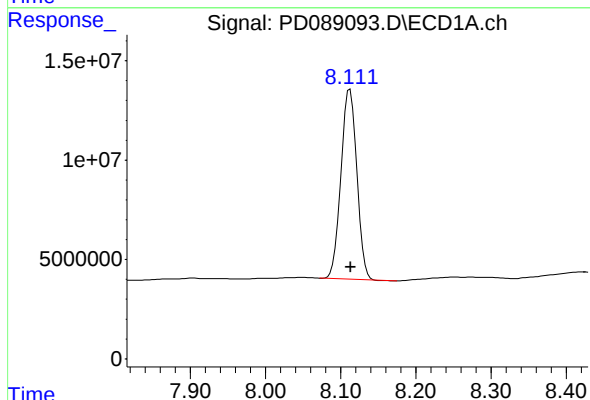
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/24/2025
Supervised By :mohammad ahmed 06/25/2025



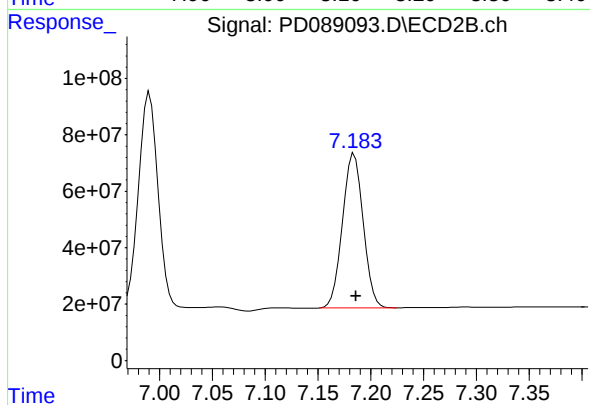
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 975814072
Conc: 45.17 ng/ml



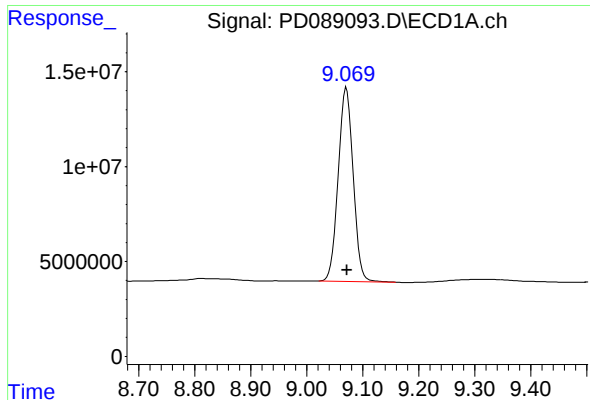
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.001 min
Response: 140578228
Conc: 46.24 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 747149229
Conc: 44.80 ng/ml



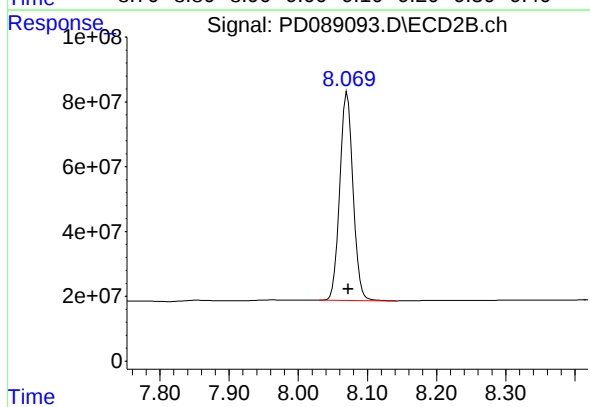
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 189184686
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/25/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 855618845
Conc: 43.28 ng/ml