

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 16:50
 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 01:48:02 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	148.0E6	901.0E6	51.883	53.144
28)	SA Decachlor...	9.073	8.072	191.2E6	943.0E6	48.693	47.701
Target Compounds							
2)	A alpha-BHC	4.000	3.394	304.7E6	1380.2E6	52.275	51.505
3)	MA gamma-BHC...	4.331	3.728	289.1E6	1264.7E6	51.802	51.083m
4)	MA Heptachlor	4.930	4.083	273.7E6	1226.8E6	50.196	48.995
5)	MB Aldrin	5.272	4.369	274.6E6	1238.1E6	51.685	51.126
6)	B beta-BHC	4.516	4.026	110.1E6	531.8E6	49.903	49.491
7)	B delta-BHC	4.765	4.263	277.1E6	1259.5E6	53.989	50.637
8)	B Heptachlo...	5.691	4.871	241.0E6	1111.0E6	49.950	50.733m
9)	A Endosulfan I	6.075	5.245	228.0E6	1038.3E6	50.576	49.818m
10)	B gamma-Chl...	5.947	5.124	244.0E6	1182.2E6	50.961	49.416m
11)	B alpha-Chl...	6.028	5.189	243.1E6	1139.0E6	50.237	49.746m
12)	B 4,4'-DDE	6.196	5.375	214.7E6	1151.6E6	49.239	50.252
13)	MA Dieldrin	6.348	5.511	240.8E6	1162.8E6	50.194	50.101m
14)	MA Endrin	6.574	5.789	194.8E6	1095.3E6	47.216	50.441
15)	B Endosulfa...	6.787	6.080	199.6E6	994.4E6	49.447	49.234
16)	A 4,4'-DDD	6.706	5.930	177.8E6	919.2E6	51.810	48.050
17)	MA 4,4'-DDT	7.021	6.183	167.3E6	894.8E6	44.174	44.124
18)	B Endrin al...	6.916	6.258	148.1E6	730.8E6	48.353	47.728
19)	B Endosulfa...	7.150	6.482	185.4E6	953.6E6	48.310	48.600
20)	A Methoxychlor	7.493	6.754	101.4E6	549.5E6	50.180	51.028
21)	B Endrin ke...	7.630	6.991	200.1E6	1063.0E6	49.127	49.211
22)	Mirex	8.114	7.184	144.8E6	791.1E6	47.644	47.430

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

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Data File : PD089277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

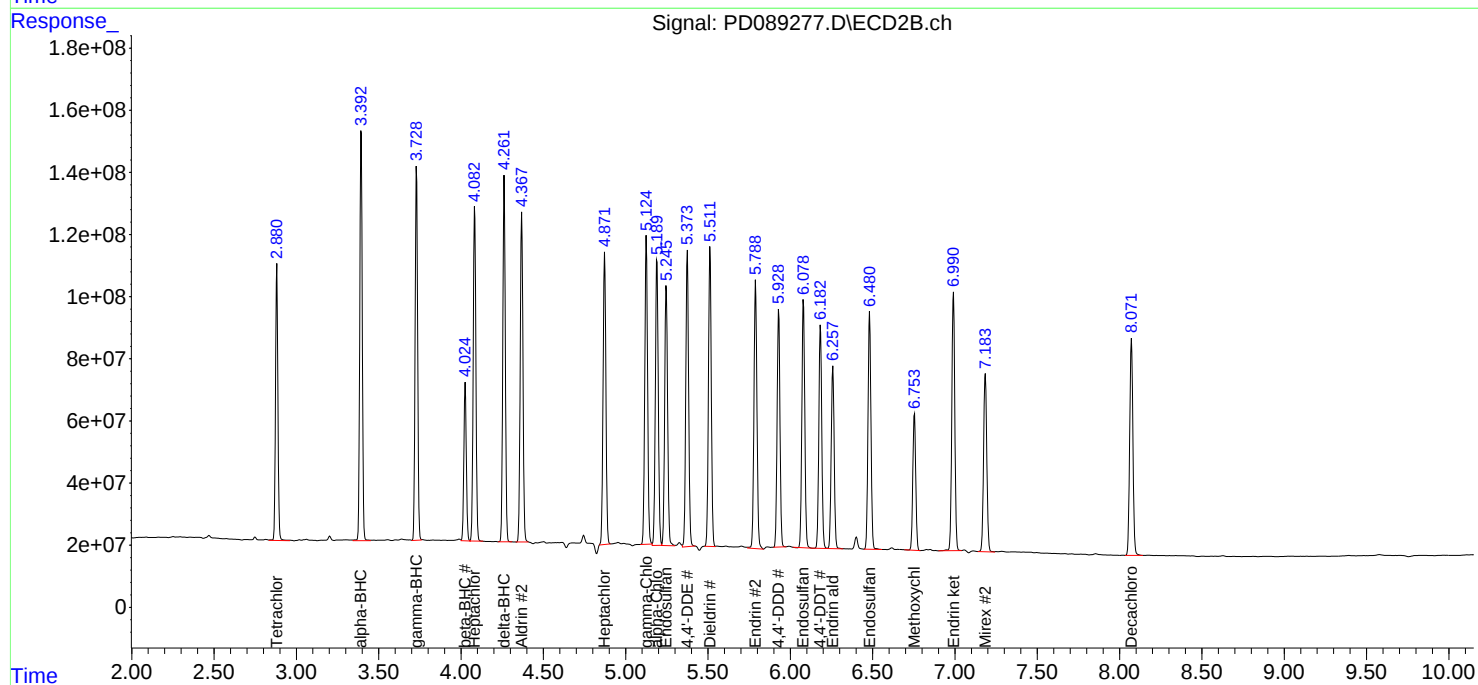
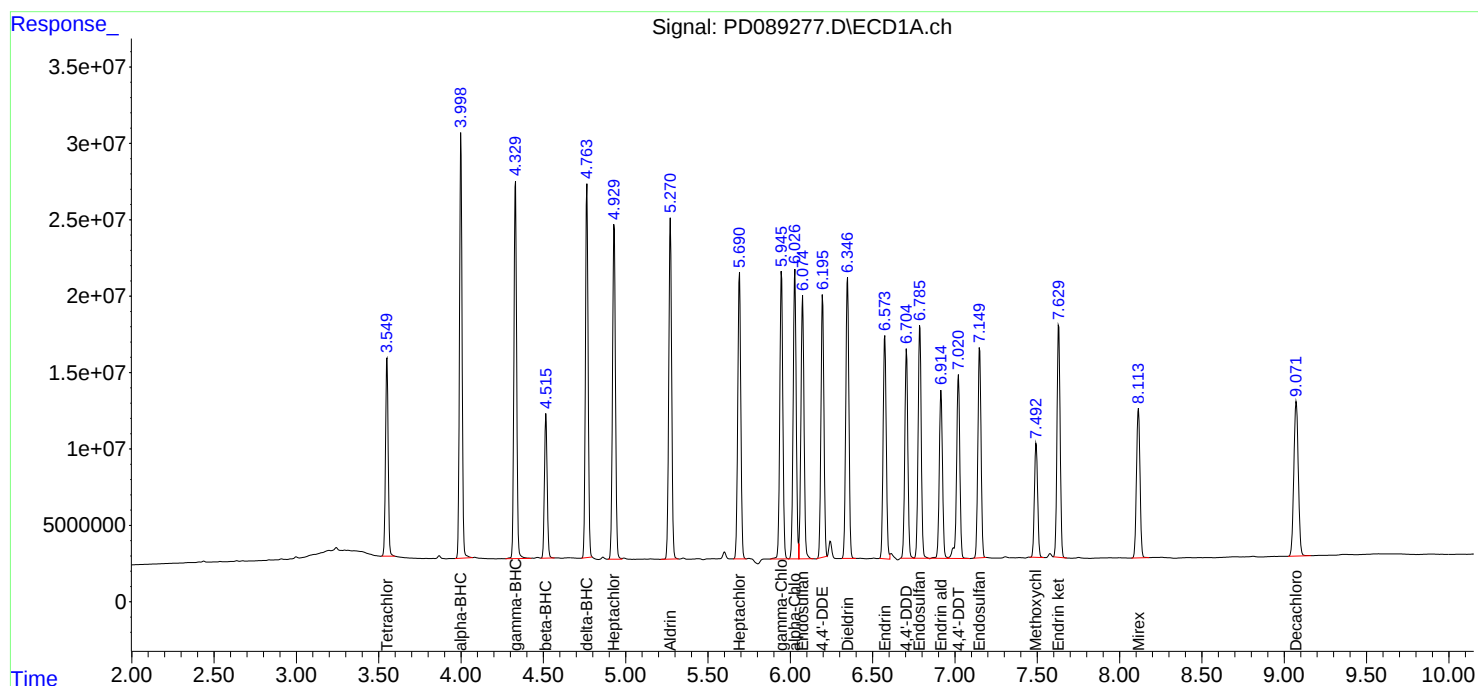
APPROVED

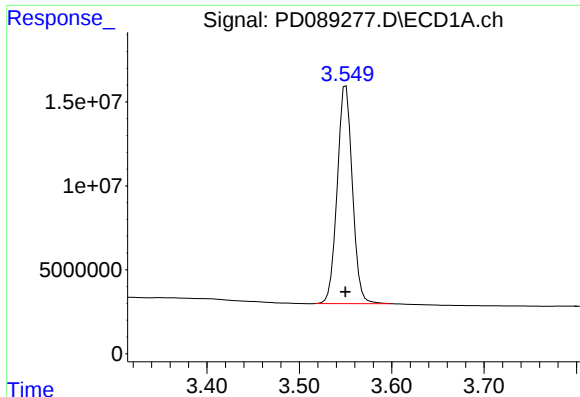
Reviewed By :Abdul Mirza 07/02/2025

Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:48:02 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: 148029165
Conc: 51.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

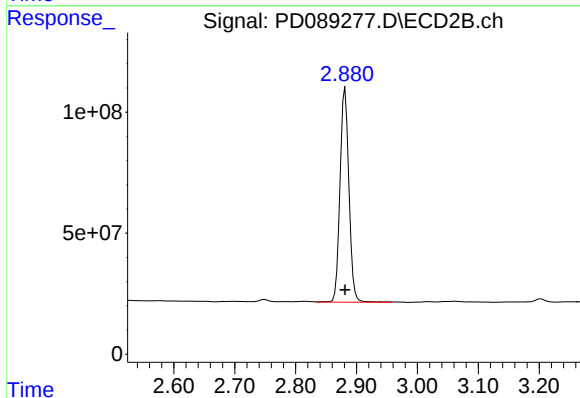
PSTDCCC050

Manual Integrations

APPROVED

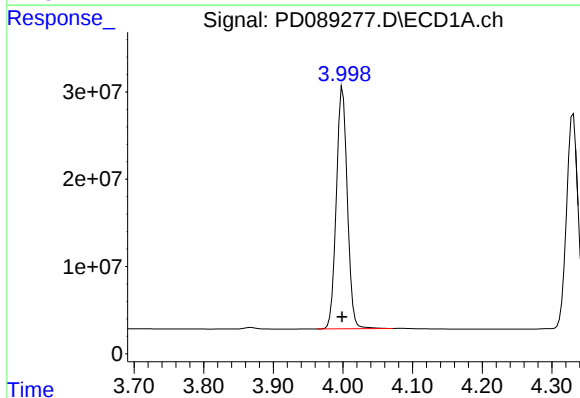
Reviewed By :Abdul Mirza 07/02/2025

Supervised By :mohammad ahmed 07/04/2025



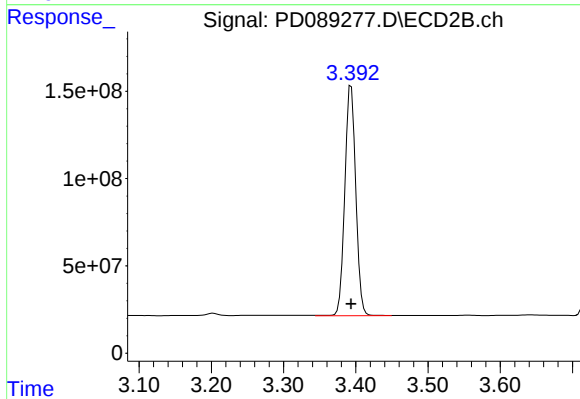
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 900952278
Conc: 53.14 ng/ml



#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 304712390
Conc: 52.27 ng/ml

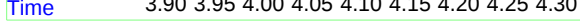
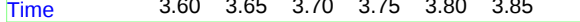


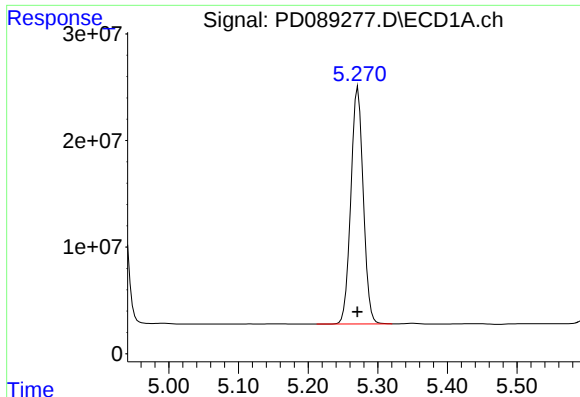
#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1380175026
Conc: 51.50 ng/ml



Reviewed By: Abdul Mir





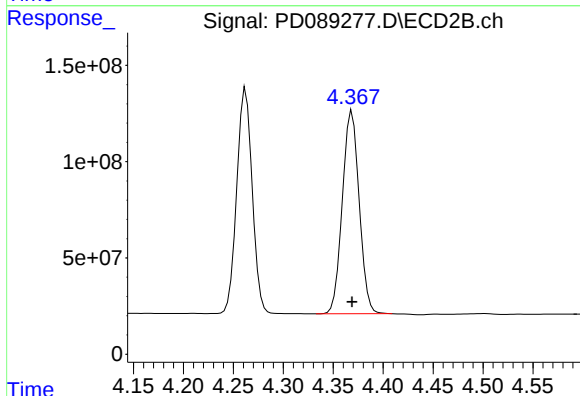
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 274602876
Conc: 51.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

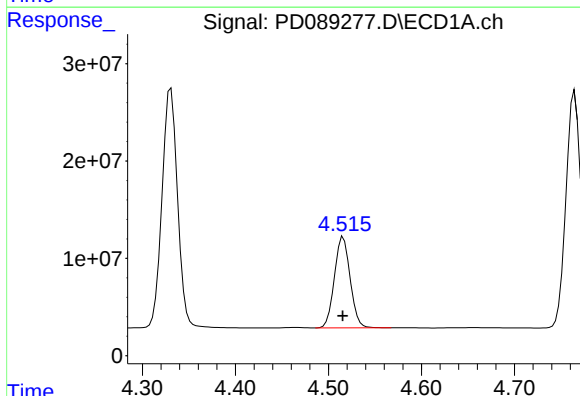
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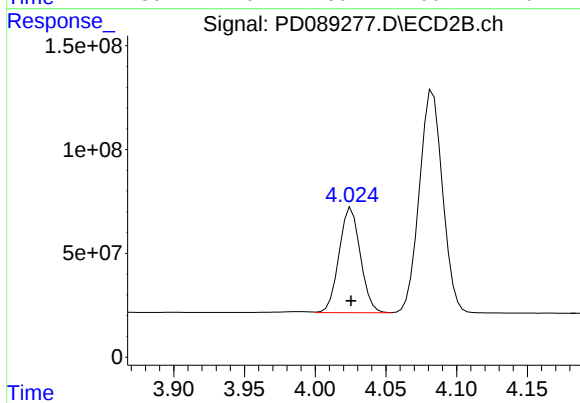
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1238135976
Conc: 51.13 ng/ml



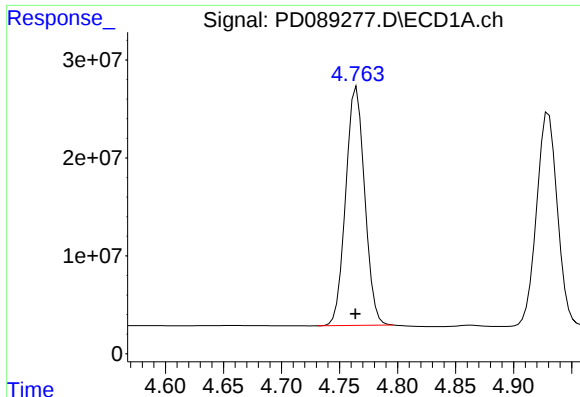
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 110142818
Conc: 49.90 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 531843029
Conc: 49.49 ng/ml



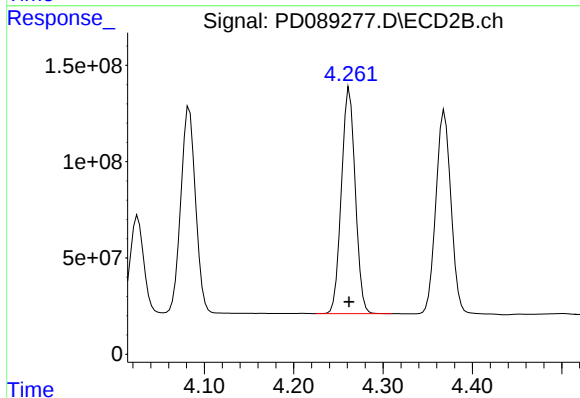
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.001 min
Response: 277118519
Conc: 53.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

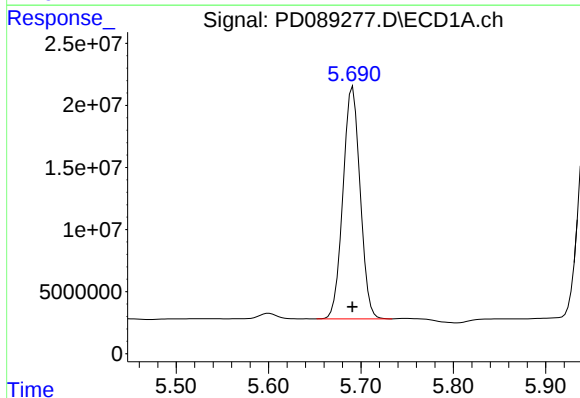
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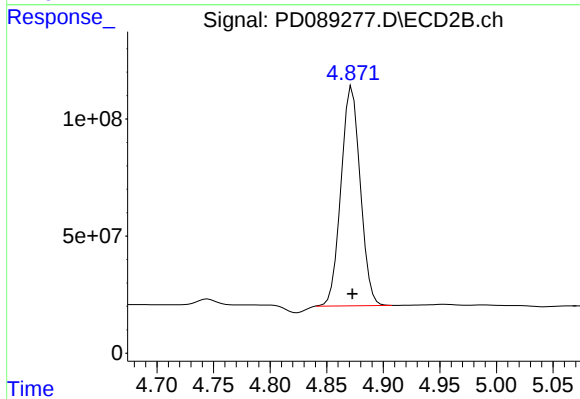
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1259516407
Conc: 50.64 ng/ml



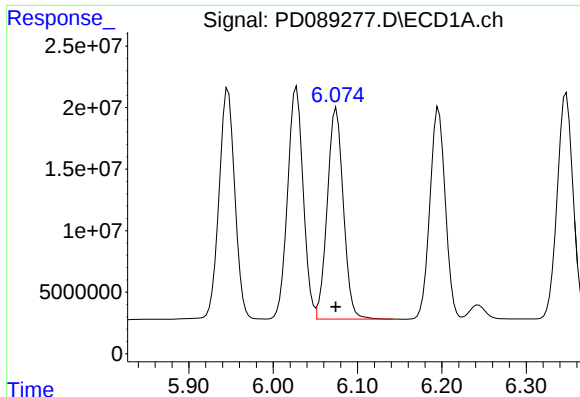
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 240956657
Conc: 49.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 1110959413
Conc: 50.73 ng/ml m



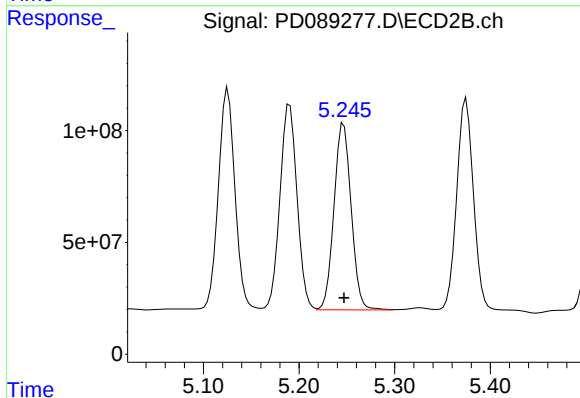
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 227967624
Conc: 50.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

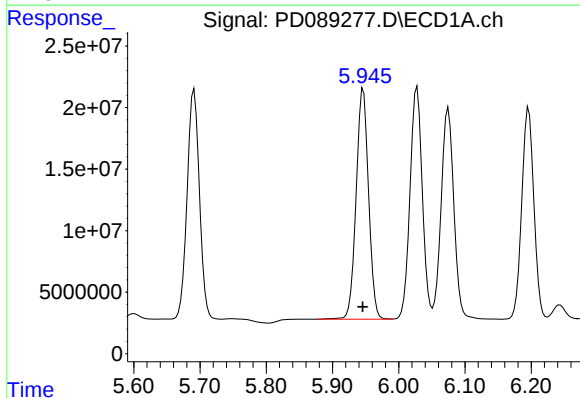
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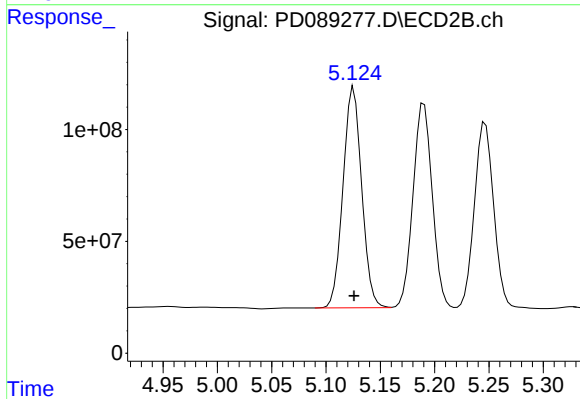
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 1038324355
Conc: 49.82 ng/ml m



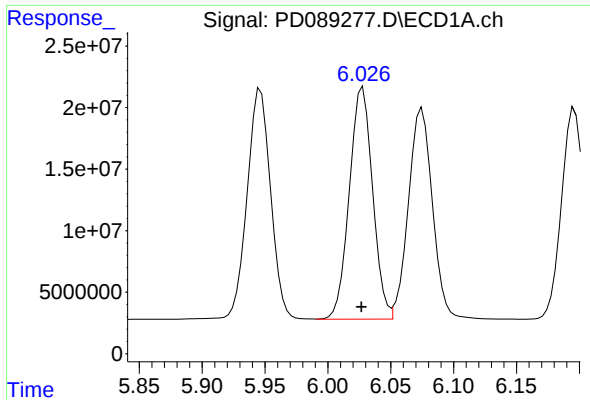
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 244008067
Conc: 50.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1182174405
Conc: 49.42 ng/ml m



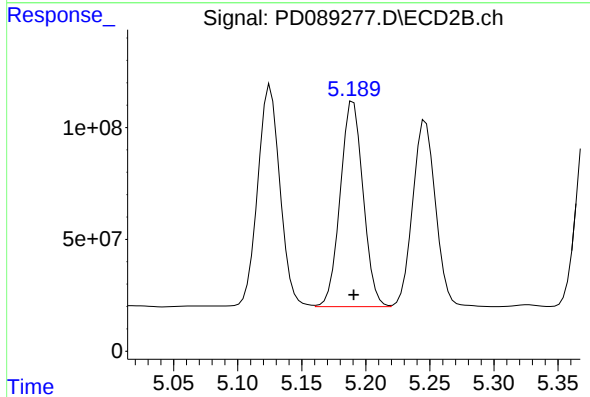
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 243075294
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

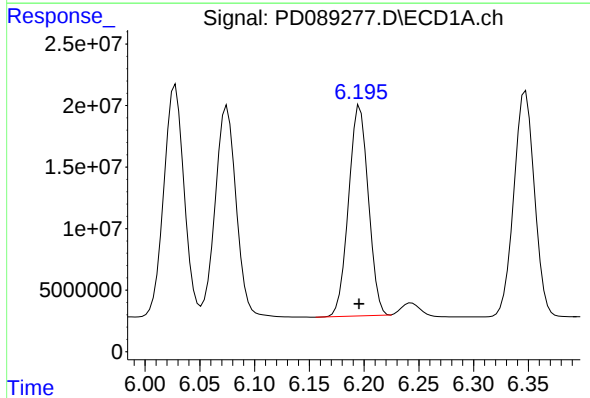
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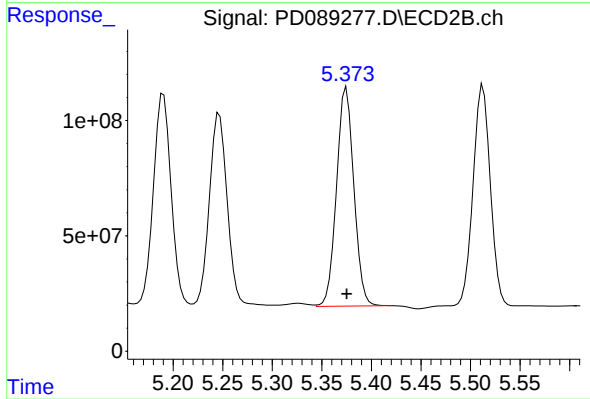
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1139026953
Conc: 49.75 ng/ml m



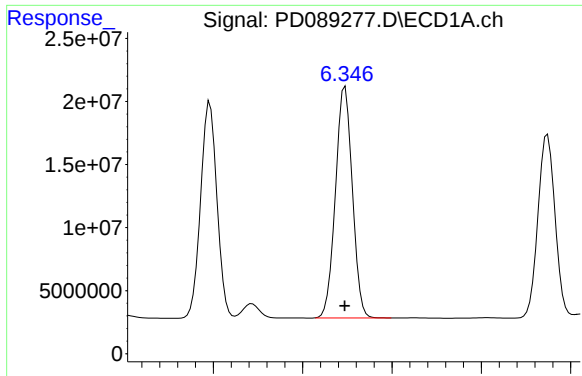
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 214732613
Conc: 49.24 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1151570818
Conc: 50.25 ng/ml



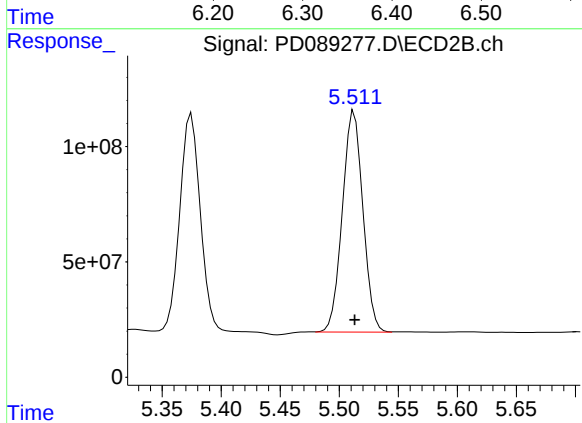
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 240802496
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

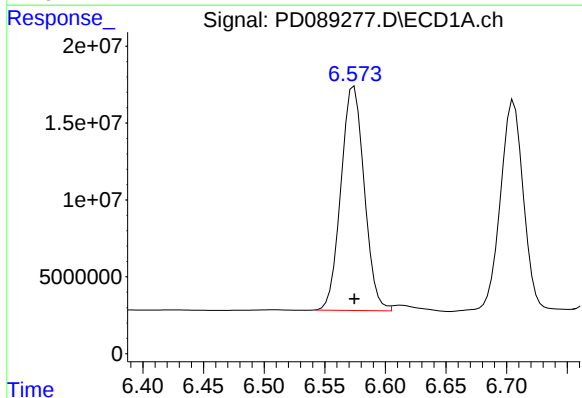
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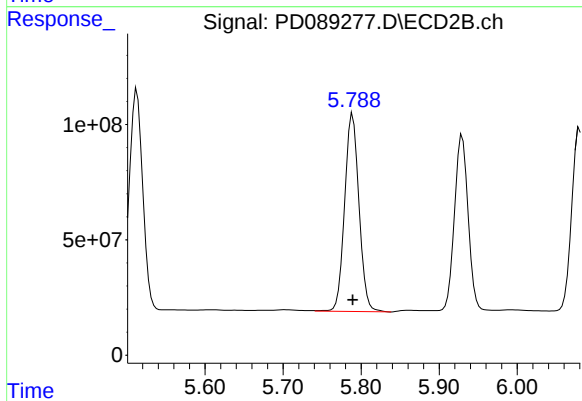
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1162778627
Conc: 50.10 ng/ml m



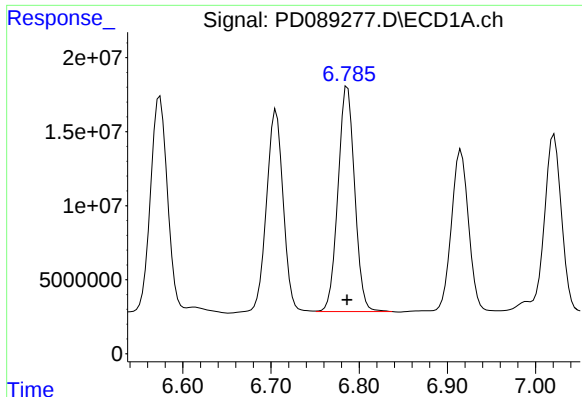
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 194793573
Conc: 47.22 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1095282563
Conc: 50.44 ng/ml



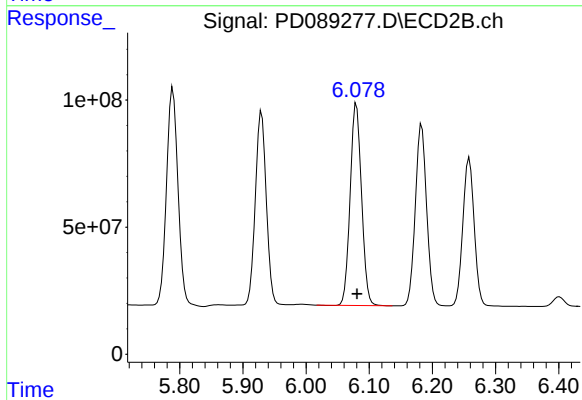
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 199598741
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

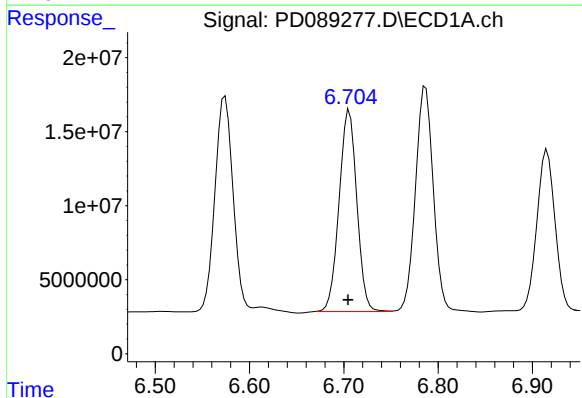
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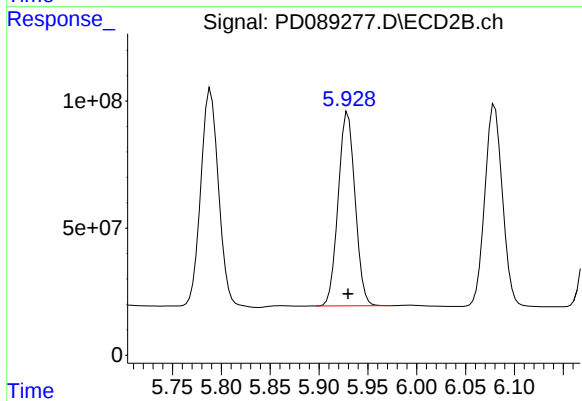
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 994358292
Conc: 49.23 ng/ml



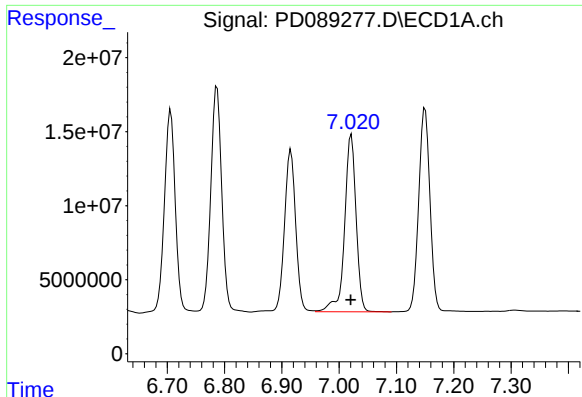
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 177815300
Conc: 51.81 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 919162299
Conc: 48.05 ng/ml



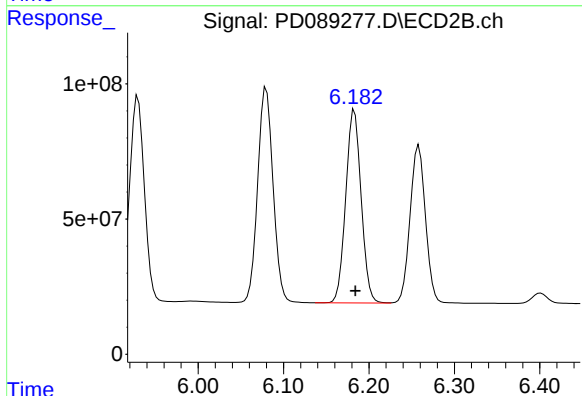
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 167341757
Conc: 44.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

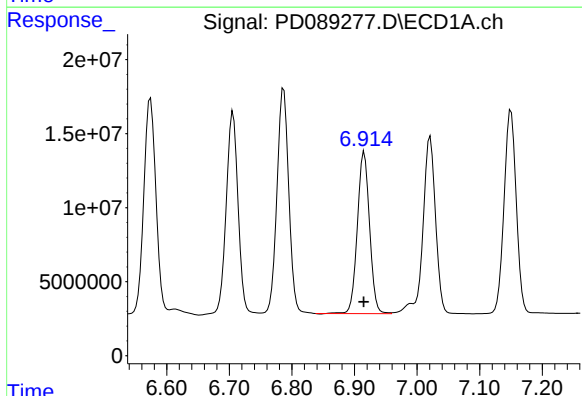
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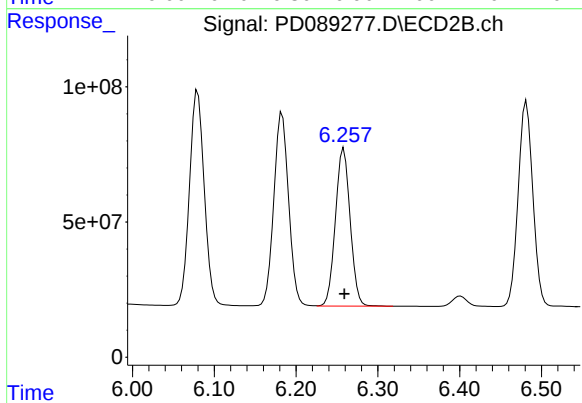
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 894795455
Conc: 44.12 ng/ml



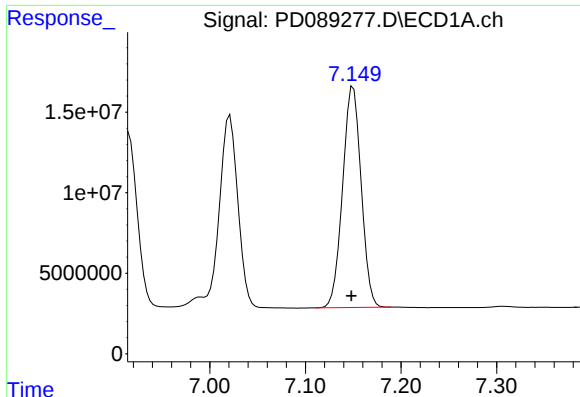
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 148149309
Conc: 48.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 730774398
Conc: 47.73 ng/ml



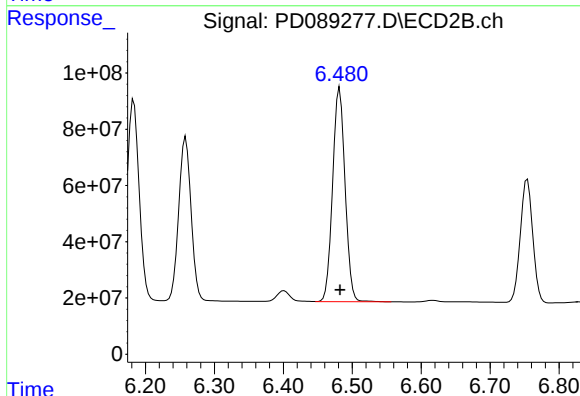
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 185374784
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

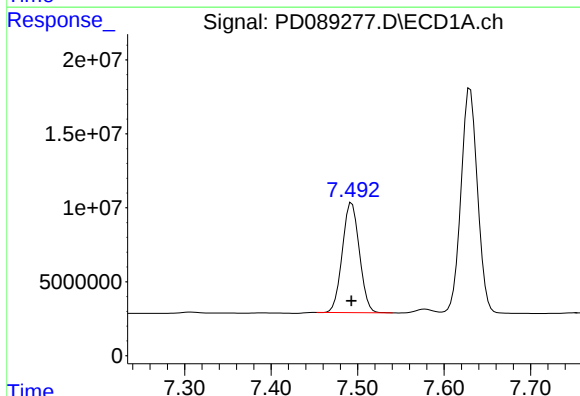
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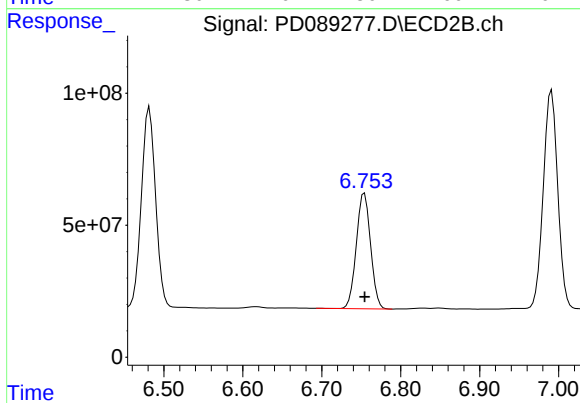
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 953574713
Conc: 48.60 ng/ml



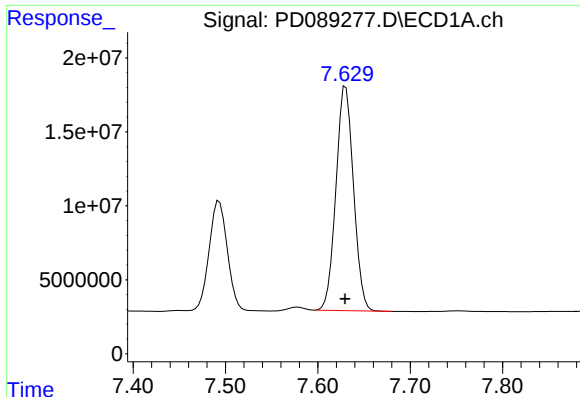
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 101395517
Conc: 50.18 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 549469854
Conc: 51.03 ng/ml



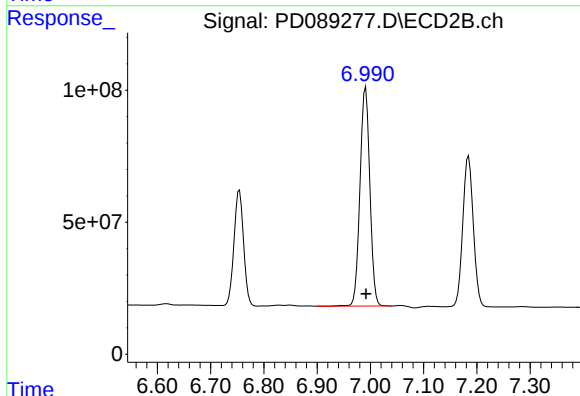
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 200097287
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

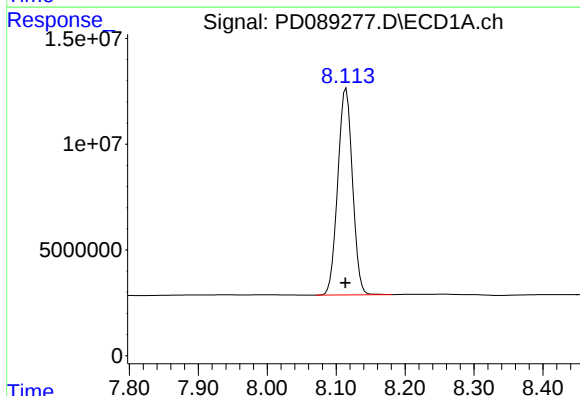
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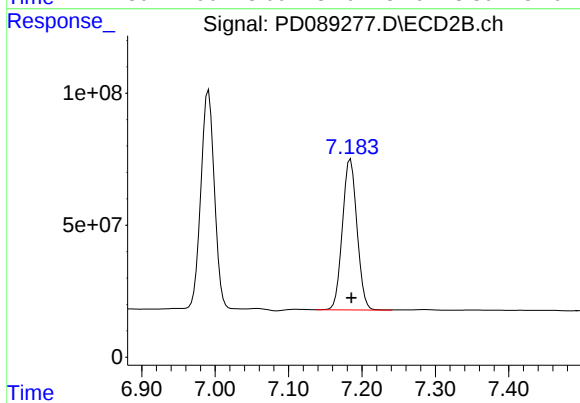
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 1063034091
Conc: 49.21 ng/ml



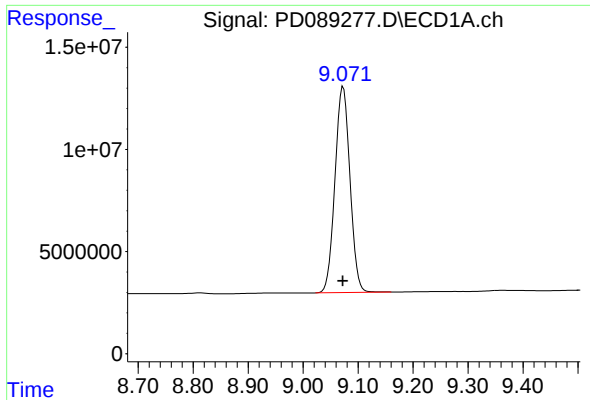
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.001 min
Response: 144842923
Conc: 47.64 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 791053989
Conc: 47.43 ng/ml



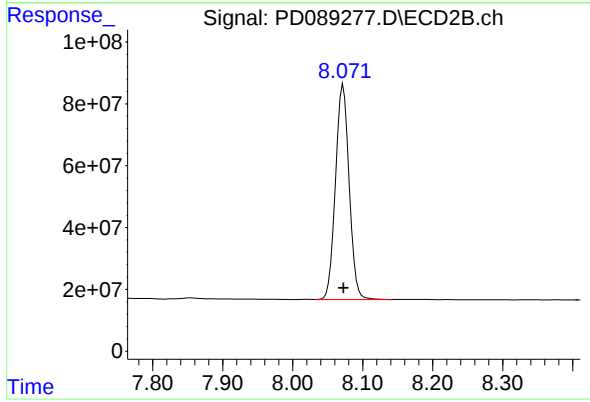
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 191249666
Conc: 48.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 943048289
Conc: 47.70 ng/ml