

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
 Data File : PD090854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 18:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 01:11:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.874	148.1E6	1358.8E6	47.557	45.631
28)	SA Decachlor...	9.060	8.056	280.4E6	1814.6E6	59.943	59.904m
Target Compounds							
2)	A alpha-BHC	3.993	3.385	355.9E6	2385.0E6	49.582	46.677
3)	MA gamma-BHC...	4.323	3.721	337.0E6	2200.1E6	49.575	46.563
4)	MA Heptachlor	4.921	4.073	326.4E6	2126.4E6	58.388	47.674
5)	MB Aldrin	5.262	4.358	323.2E6	2139.9E6	49.367	46.200
6)	B beta-BHC	4.511	4.017	127.2E6	919.0E6	48.574	46.344
7)	B delta-BHC	4.759	4.253	340.9E6	2106.7E6	50.421	44.151
8)	B Heptachlo...	5.683	4.862	287.0E6	1940.3E6	49.582	45.506
9)	A Endosulfan I	6.066	5.236	269.3E6	1763.0E6	48.643	44.757
10)	B gamma-Chl...	5.938	5.114	288.5E6	2089.9E6	48.634	46.496
11)	B alpha-Chl...	6.018	5.179	296.3E6	1999.6E6	47.951	46.354
12)	B 4,4'-DDE	6.187	5.363	258.0E6	2055.0E6	48.427	46.877
13)	MA Dieldrin	6.338	5.501	289.0E6	2088.0E6	49.567	47.258
14)	MA Endrin	6.565	5.778	238.1E6	1849.2E6	48.057	45.666
15)	B Endosulfa...	6.778	6.070	241.6E6	1756.9E6	48.328	46.780
16)	A 4,4'-DDD	6.697	5.918	211.7E6	1781.3E6	52.228	48.885
17)	MA 4,4'-DDT	7.013	6.172	194.4E6	1594.2E6	47.285	45.453
18)	B Endrin al...	6.907	6.248	175.5E6	1268.6E6	47.917	45.810
19)	B Endosulfa...	7.142	6.471	218.0E6	1656.0E6	47.005	46.200
20)	A Methoxychlor	7.485	6.742	102.9E6	786.4E6	48.430	45.121
21)	B Endrin ke...	7.622	6.980	236.6E6	1746.8E6	48.701	46.312
22)	Mirex	8.104	7.172	145.5E6	1175.3E6	45.448	45.749

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
Data File : PD090854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 18:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

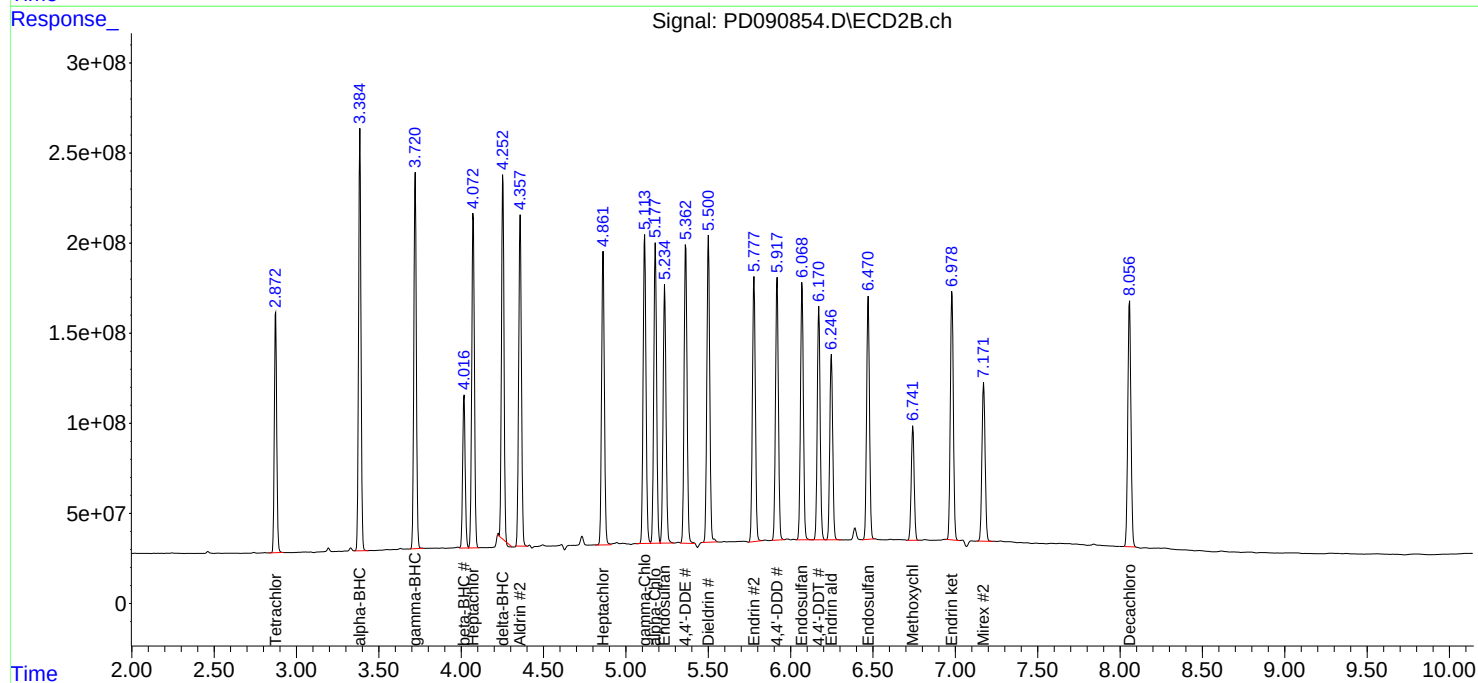
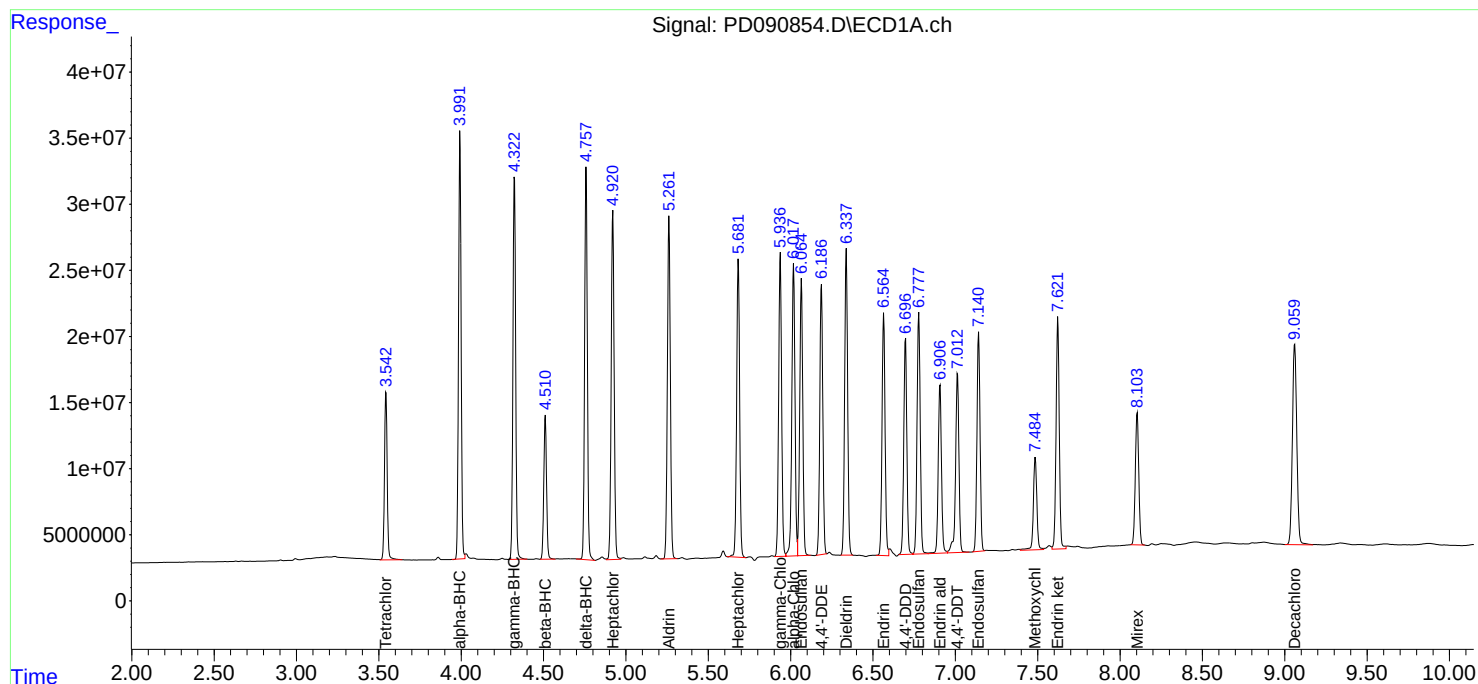
APPROVED

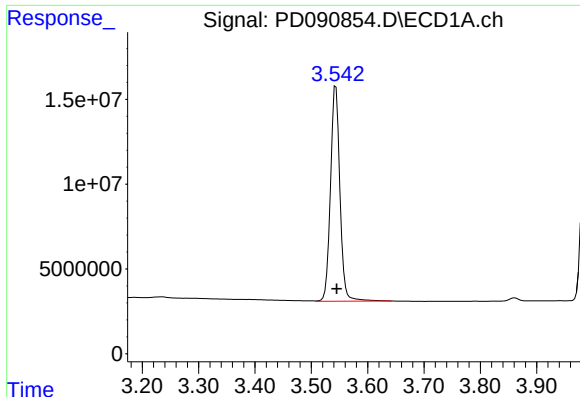
Reviewed By :Abdul Mirza 10/28/2025

Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:11:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





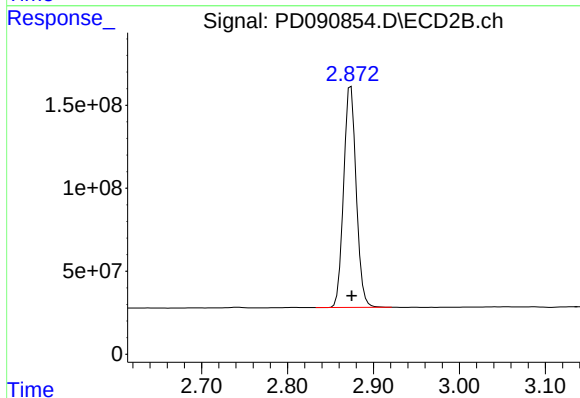
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 148099991
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

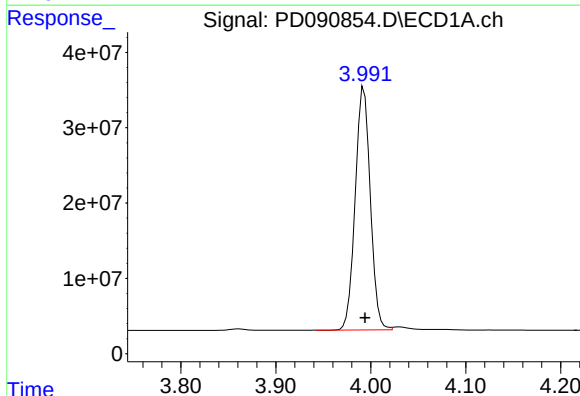
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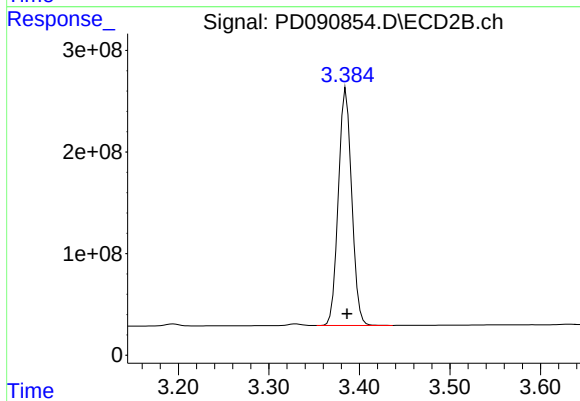
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1358766807
Conc: 45.63 ng/ml



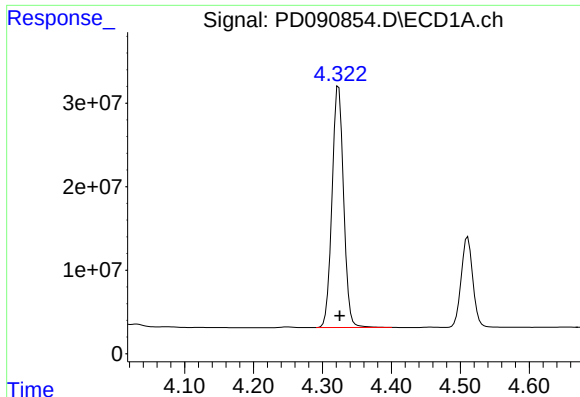
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 355855328
Conc: 49.58 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2384996473
Conc: 46.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.001 min
Response: 337048360
Conc: 49.57 ng/ml

Instrument :

ECD_D

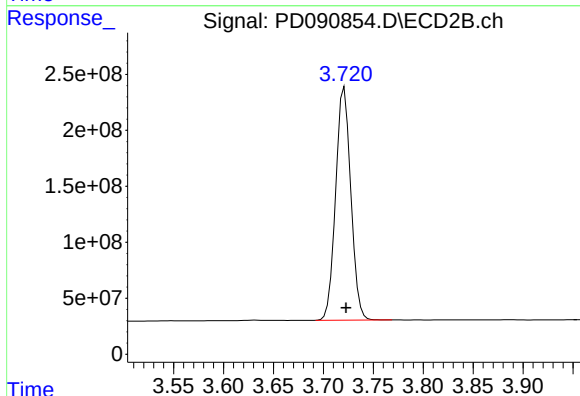
ClientSampleId :

PSTDCCC050

Manual Integrations

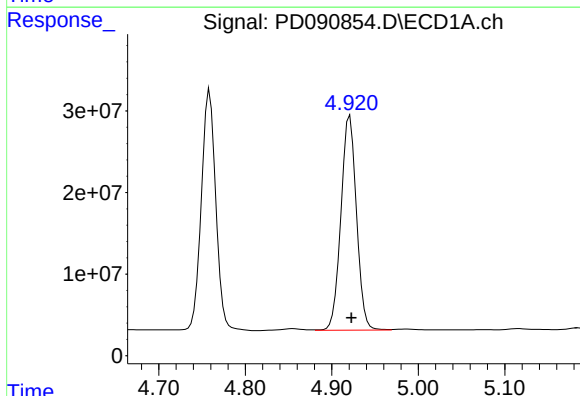
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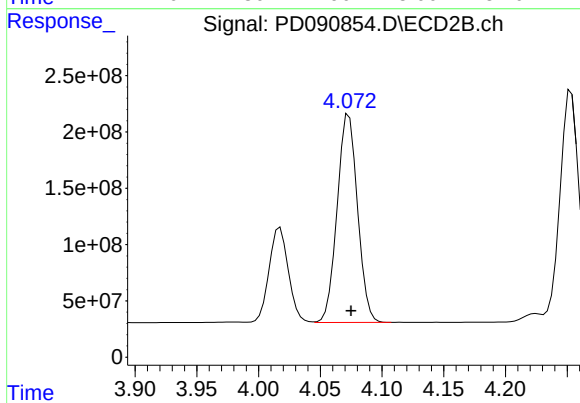
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2200054099
Conc: 46.56 ng/ml



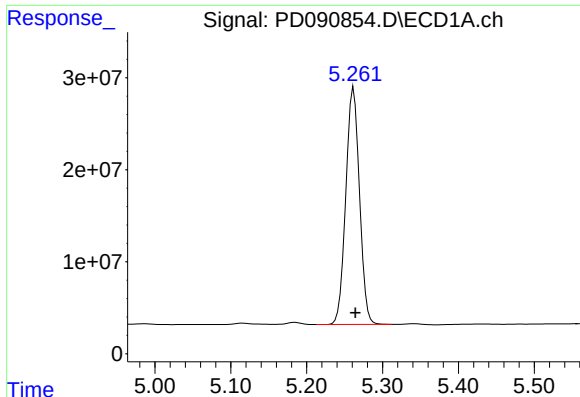
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 326364258
Conc: 58.39 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2126394991
Conc: 47.67 ng/ml



#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 323220447
Conc: 49.37 ng/ml

Instrument :

ECD_D

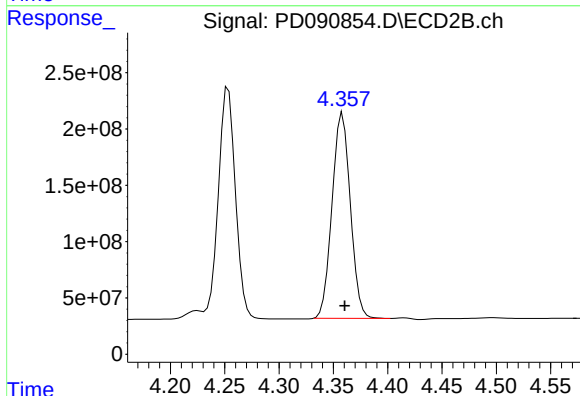
ClientSampleId :

PSTDCCC050

Manual Integrations

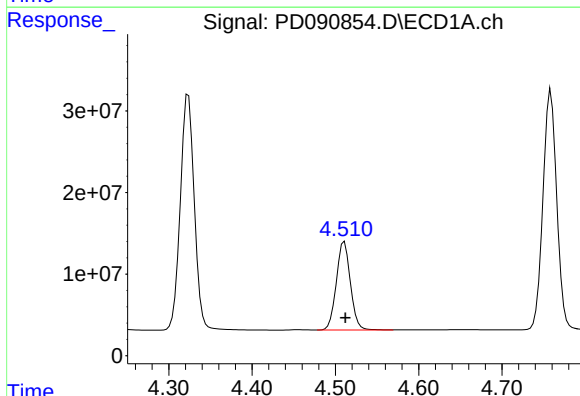
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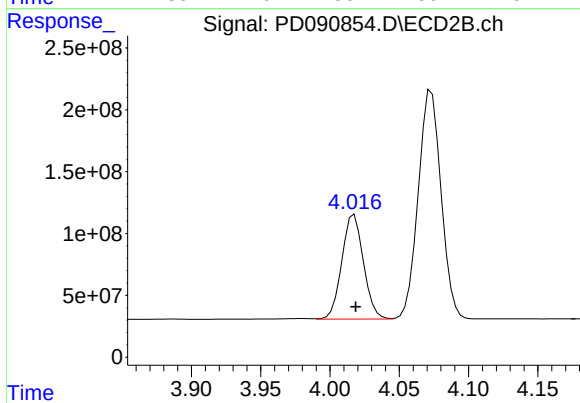
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2139916209
Conc: 46.20 ng/ml



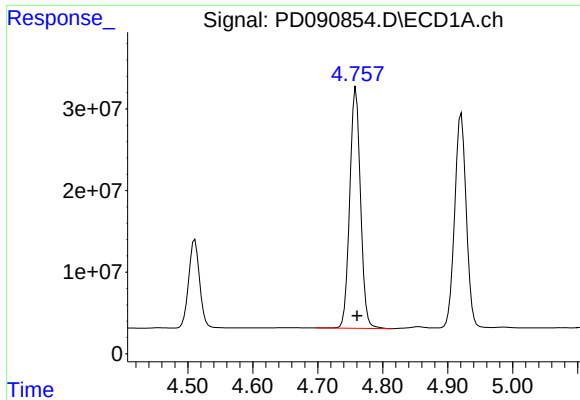
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 127245566
Conc: 48.57 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 918981554
Conc: 46.34 ng/ml



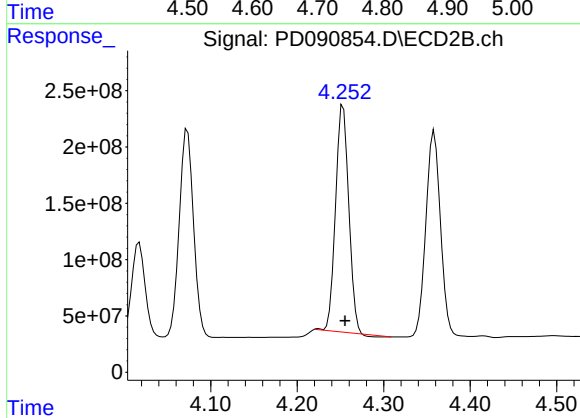
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 340936012
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

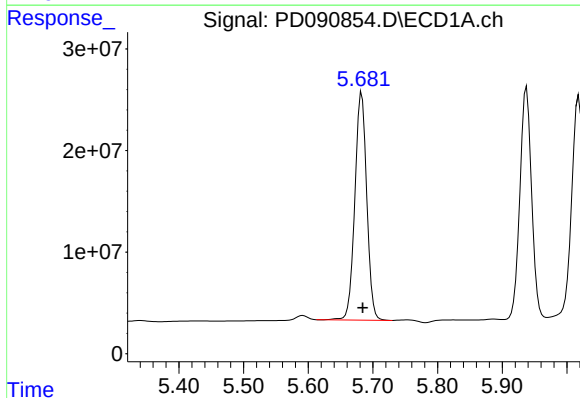
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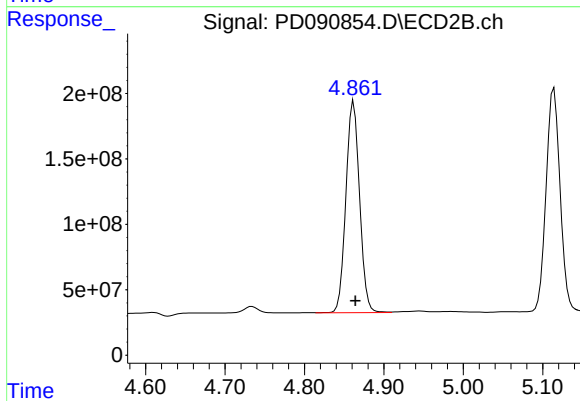
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2106728252
Conc: 44.15 ng/ml



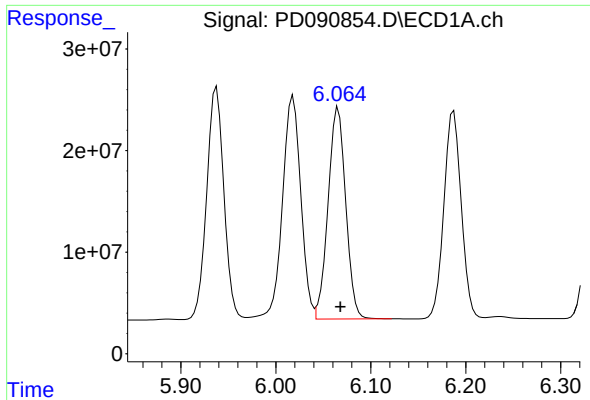
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 287032805
Conc: 49.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1940335229
Conc: 45.51 ng/ml



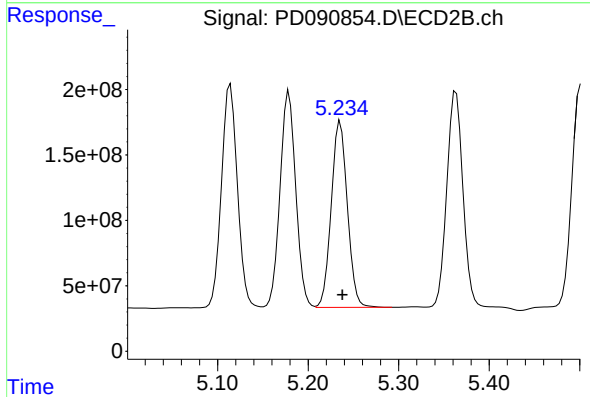
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 269318428
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

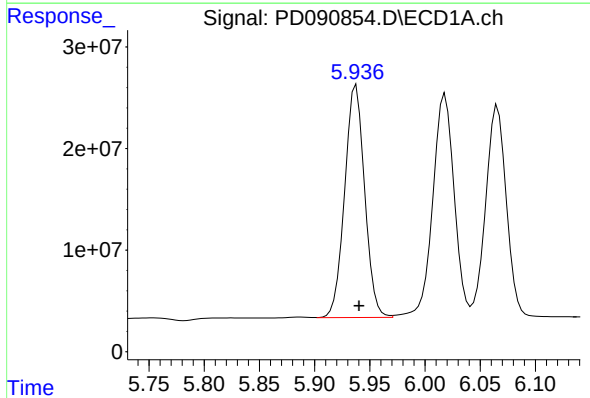
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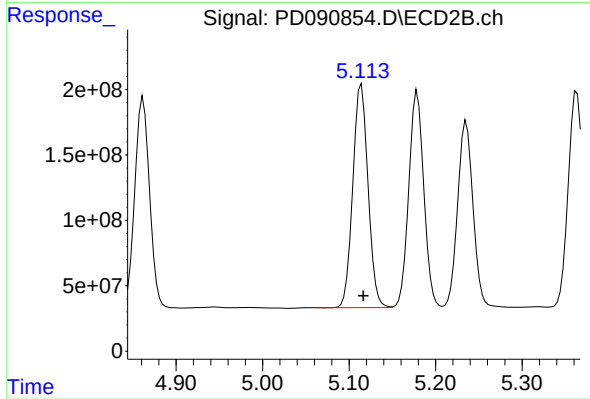
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 1762989647
Conc: 44.76 ng/ml



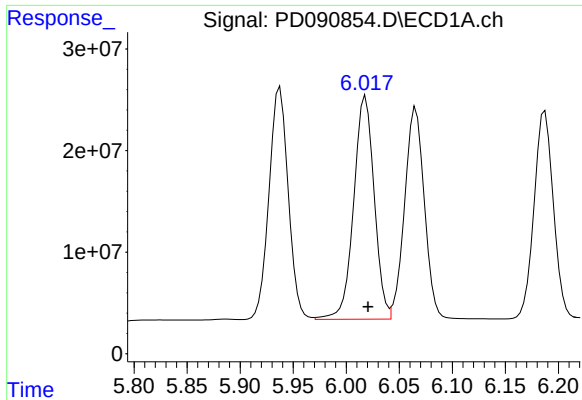
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 288454426
Conc: 48.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2089933088
Conc: 46.50 ng/ml



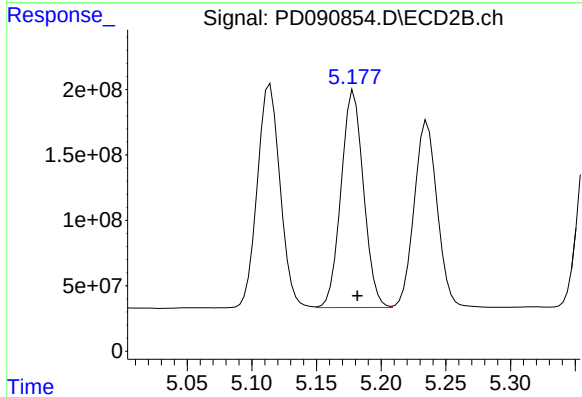
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 296348702
Conc: 47.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

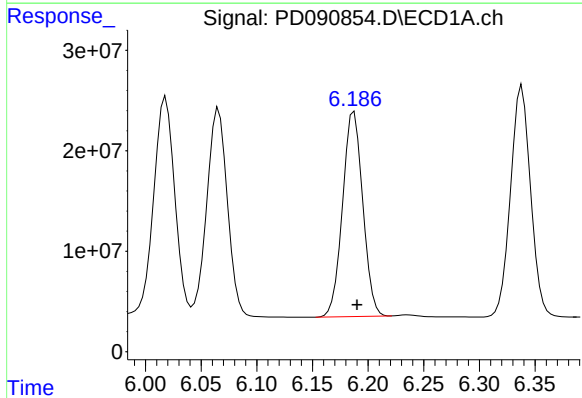
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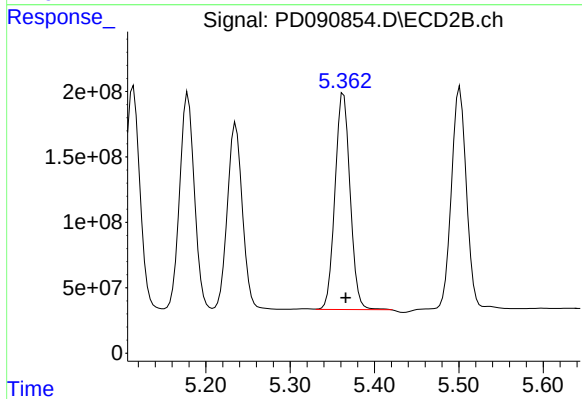
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 1999596268
Conc: 46.35 ng/ml



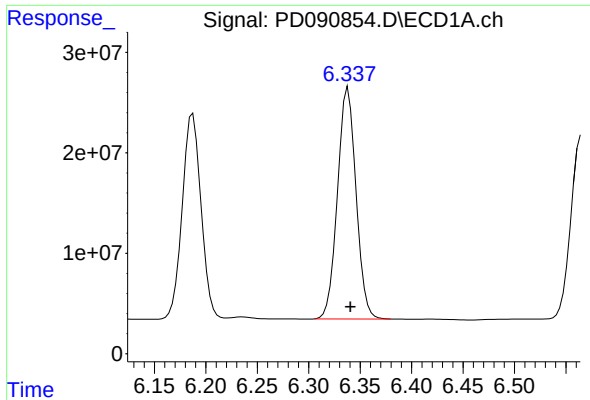
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 257950922
Conc: 48.43 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2054987479
Conc: 46.88 ng/ml



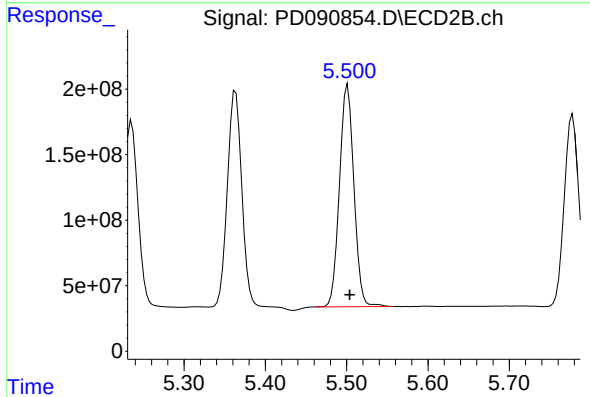
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 289041409
Conc: 49.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

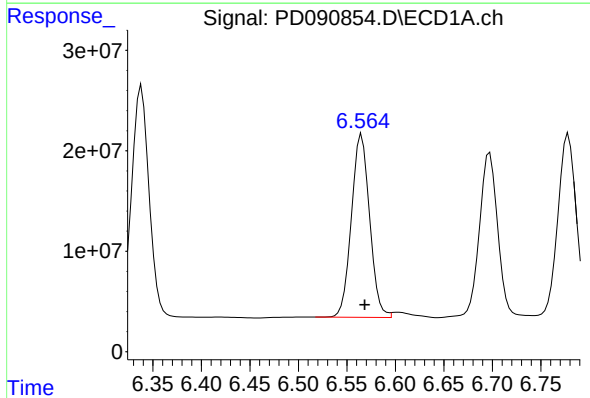
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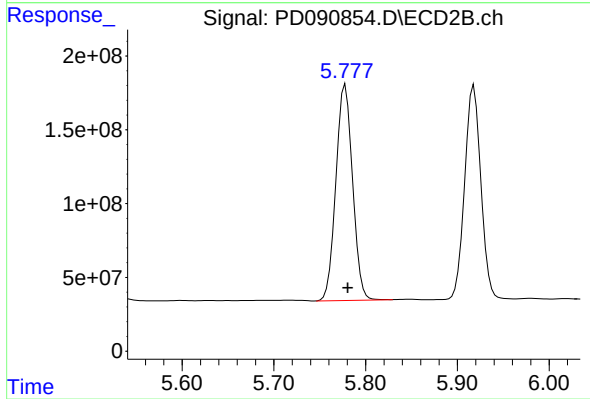
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2088047401
Conc: 47.26 ng/ml



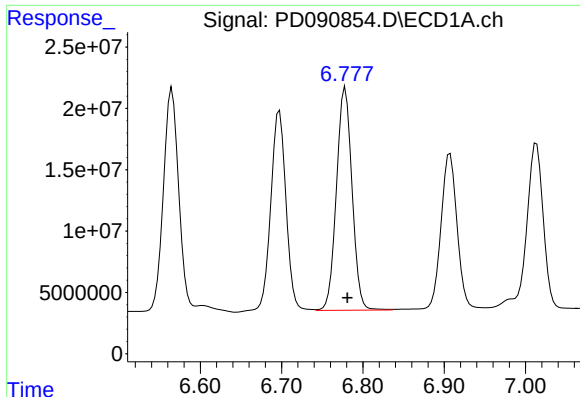
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.003 min
Response: 238058015
Conc: 48.06 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1849192059
Conc: 45.67 ng/ml



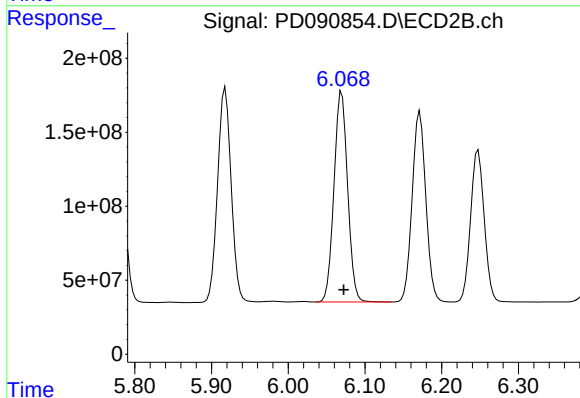
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 241638138
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

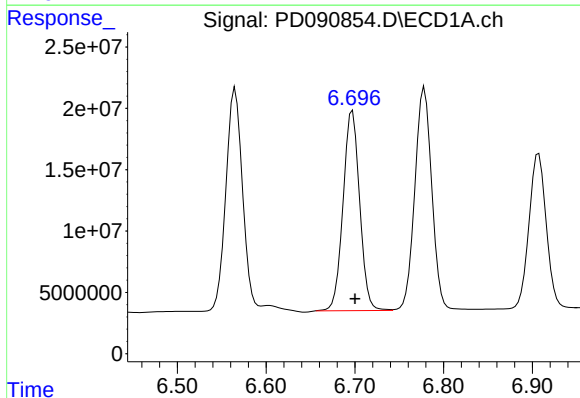
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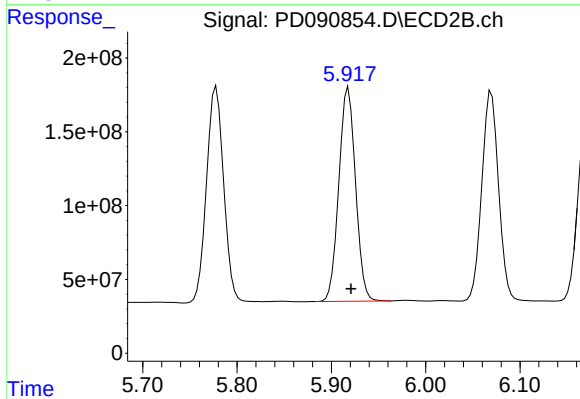
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1756850589
Conc: 46.78 ng/ml



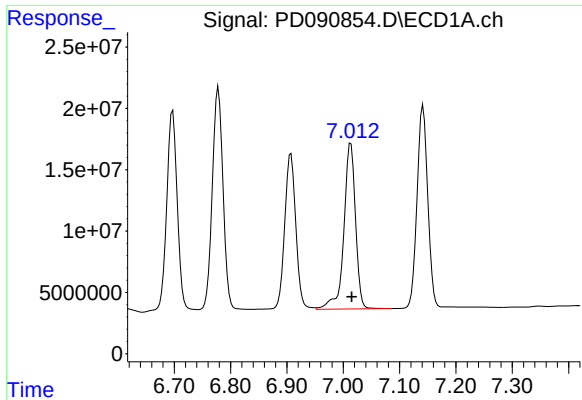
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.003 min
Response: 211744502
Conc: 52.23 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1781288858
Conc: 48.89 ng/ml



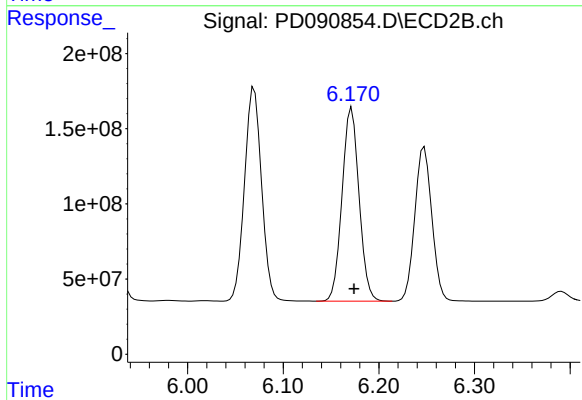
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 194363254
Conc: 47.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

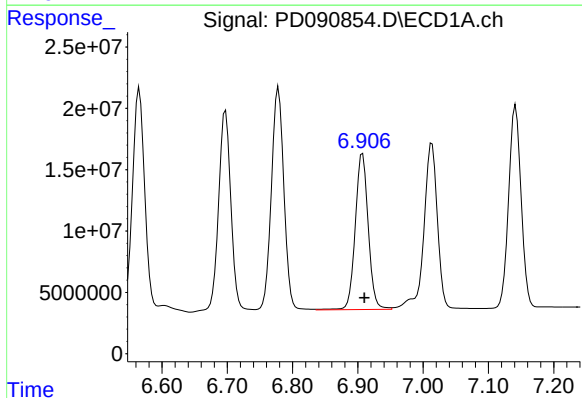
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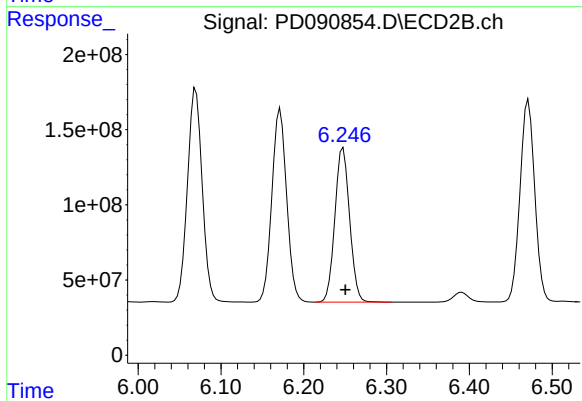
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1594171590
Conc: 45.45 ng/ml



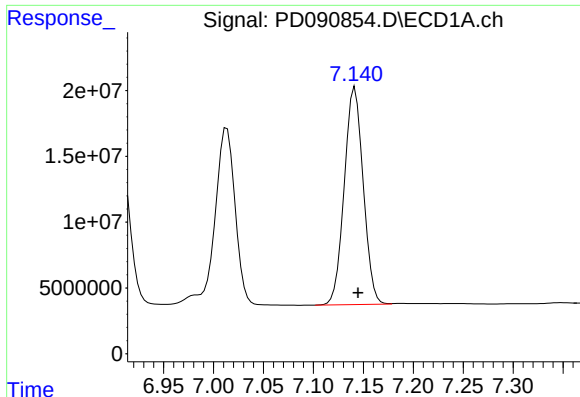
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 175506736
Conc: 47.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 1268600359
Conc: 45.81 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 218019476
Conc: 47.01 ng/ml

Instrument :

ECD_D

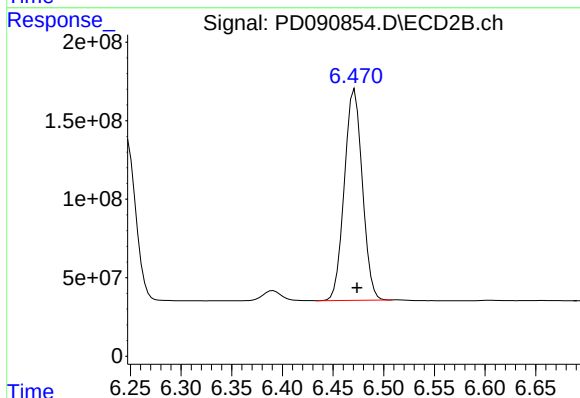
ClientSampleId :

PSTDCCC050

Manual Integrations

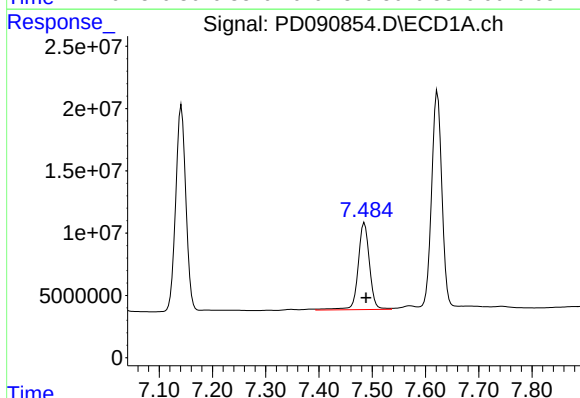
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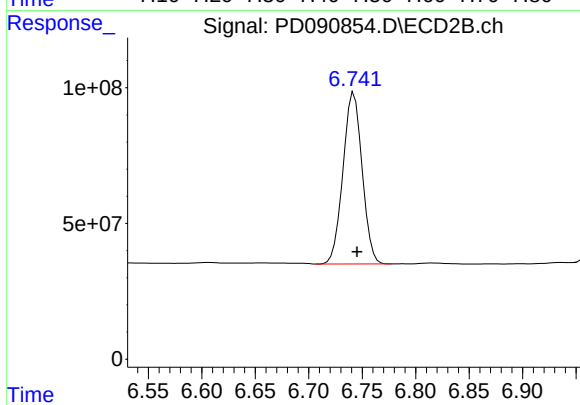
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 1656023721
Conc: 46.20 ng/ml



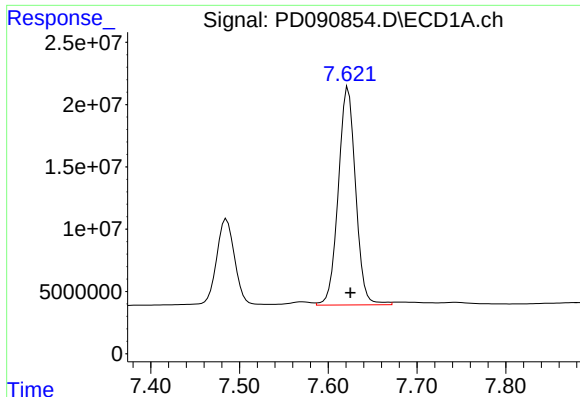
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 102942330
Conc: 48.43 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 786362492
Conc: 45.12 ng/ml



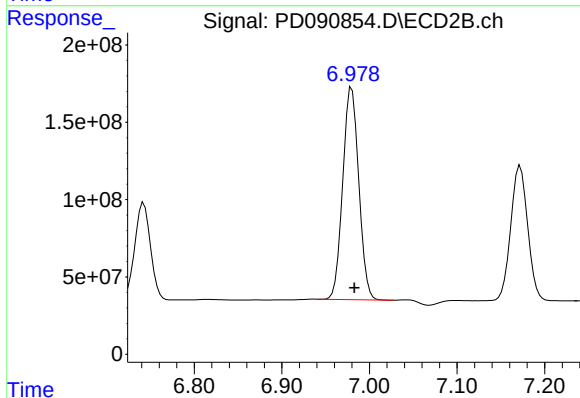
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 236631612
Conc: 48.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

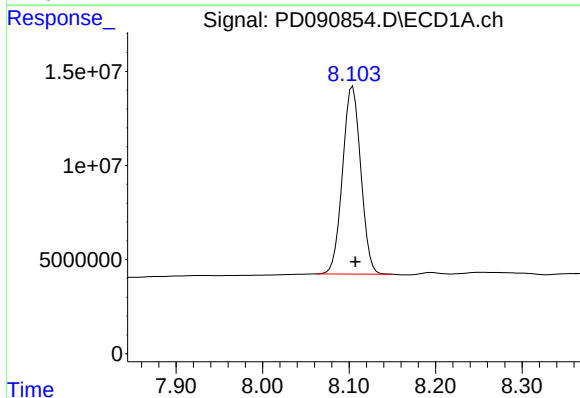
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



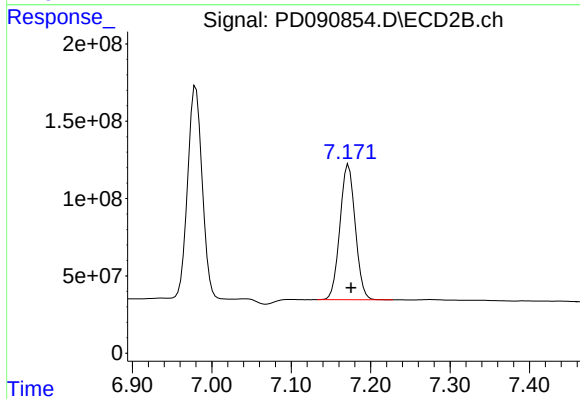
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1746782072
Conc: 46.31 ng/ml



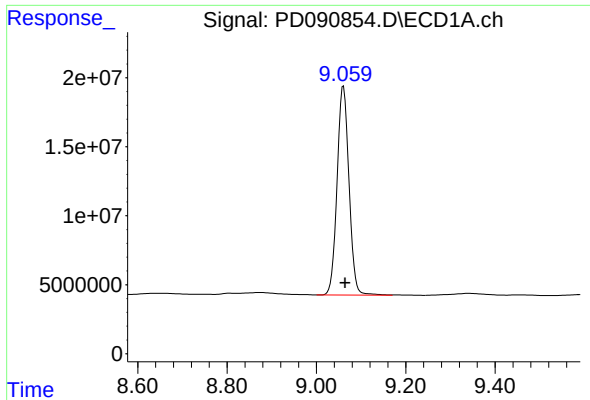
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.003 min
Response: 145472517
Conc: 45.45 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1175334186
Conc: 45.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.004 min
Response: 280413290
Conc: 59.94 ng/ml

Instrument :

ECD_D

ClientSampleId :

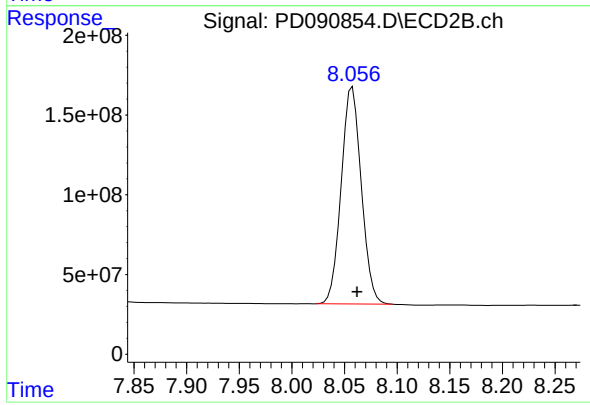
PSTDCCC050

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/29/2025



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.006 min
Response: 1814586620
Conc: 59.90 ng/ml m