

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050825\
 Data File : PD088440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 18:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 02:05:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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	2.882	104.7E6	723.0E6	52.436	49.450
28)	SA Decachlor...	9.074	8.075	173.3E6	923.0E6	52.382	49.946
Target Compounds							
2)	A alpha-BHC	4.000	3.395	236.0E6	1146.5E6	54.731	50.151
3)	MA gamma-BHC...	4.330	3.731	225.4E6	1065.9E6	53.828	49.486
4)	MA Heptachlor	4.930	4.085	220.5E6	1064.2E6	54.598	49.733
5)	MB Aldrin	5.271	4.371	215.6E6	1061.9E6	54.582	51.048
6)	B beta-BHC	4.515	4.027	86030317	458.6E6	52.995	49.559
7)	B delta-BHC	4.763	4.264	224.0E6	1073.2E6	54.298	50.478
8)	B Heptachlo...	5.691	4.875	191.5E6	945.4E6	53.570	50.035
9)	A Endosulfan I	6.074	5.249	181.8E6	869.3E6	53.846	48.263
10)	B gamma-Chl...	5.946	5.128	195.4E6	1018.1E6	53.960	50.161
11)	B alpha-Chl...	6.027	5.192	195.3E6	980.7E6	54.107	50.031
12)	B 4,4'-DDE	6.196	5.376	176.7E6	997.1E6	53.581	50.628m
13)	MA Dieldrin	6.347	5.515	194.3E6	1006.5E6	54.455	50.493
14)	MA Endrin	6.574	5.791	162.3E6	923.7E6	54.410	50.747
15)	B Endosulfa...	6.786	6.082	166.1E6	881.9E6	53.121	50.333
16)	A 4,4'-DDD	6.705	5.932	138.6E6	836.0E6	55.125	51.019
17)	MA 4,4'-DDT	7.021	6.186	151.3E6	878.2E6	54.480	51.608
18)	B Endrin al...	6.915	6.260	125.7E6	673.7E6	54.448	50.654
19)	B Endosulfa...	7.150	6.484	155.2E6	862.3E6	53.970	50.331
20)	A Methoxychlor	7.493	6.757	80777496	468.1E6	53.868	51.317
21)	B Endrin ke...	7.630	6.994	168.2E6	945.6E6	54.496	50.557
22)	Mirex	8.114	7.188	123.8E6	734.2E6	52.718	49.540

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050825\
Data File : PD088440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 18:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

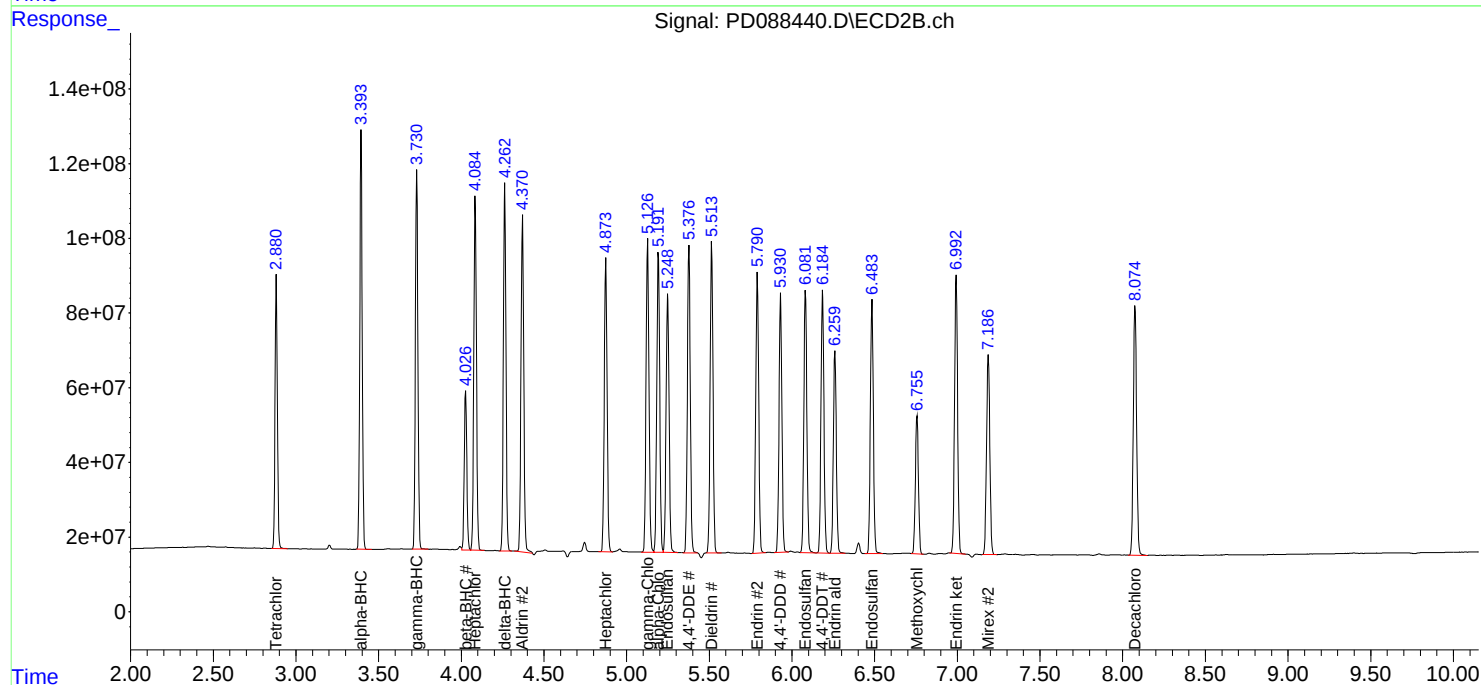
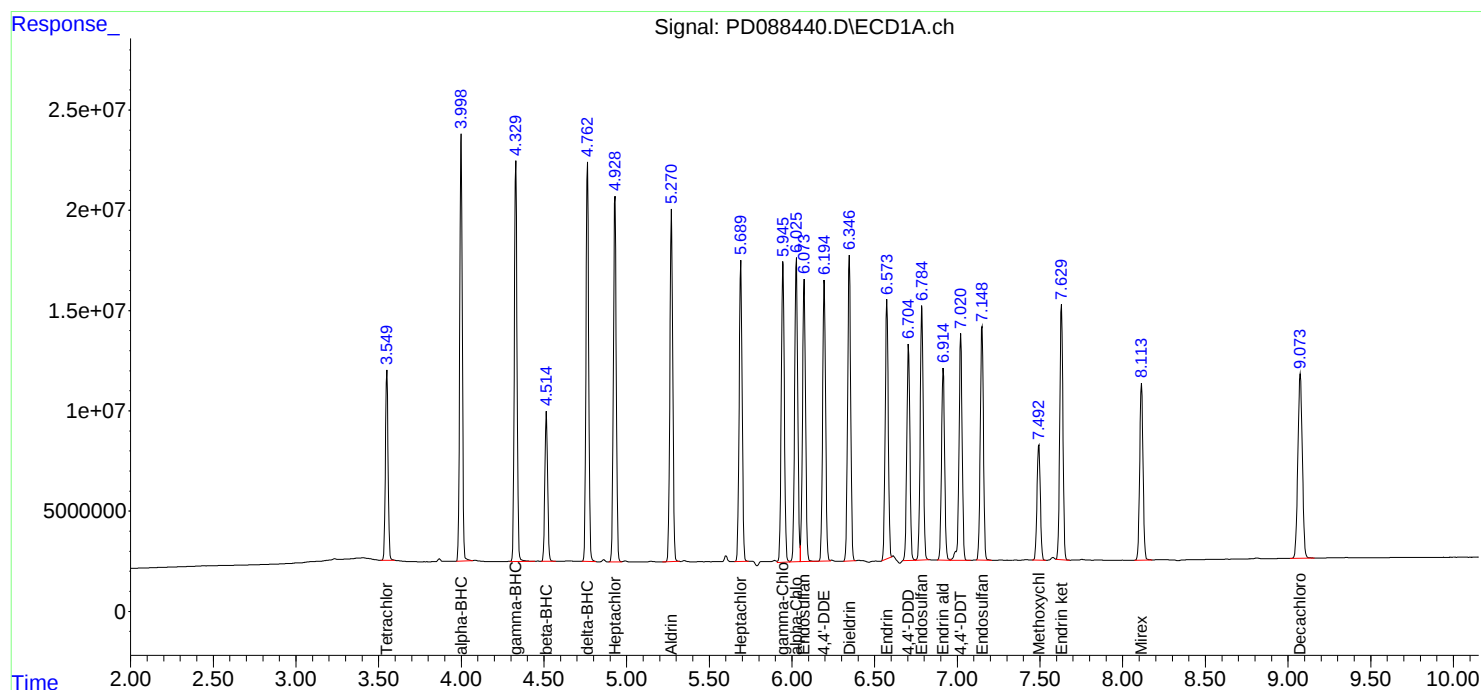
APPROVED

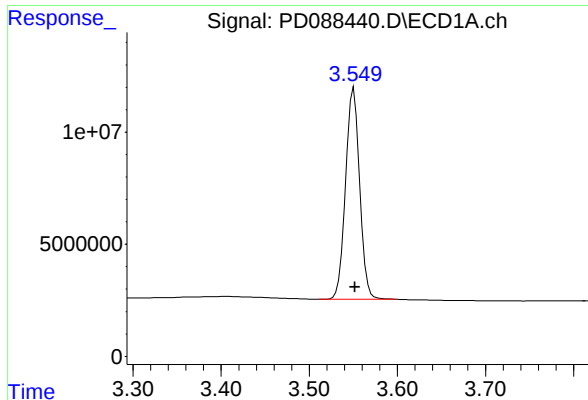
Reviewed By :Abdul Mirza 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 02:05:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





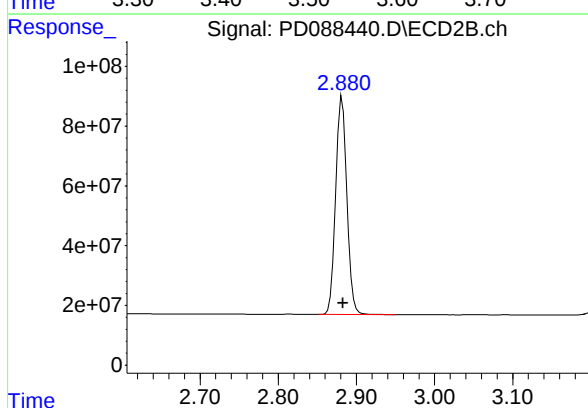
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 104736219
Conc: 52.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

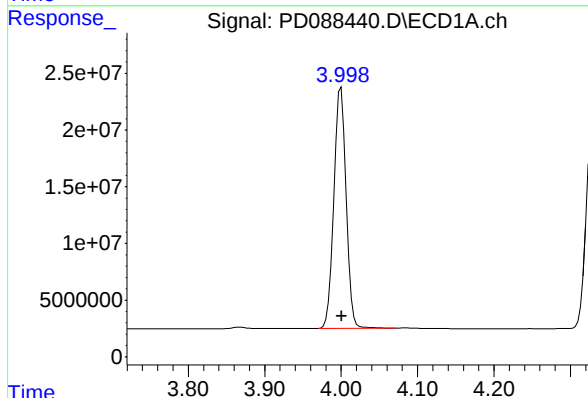
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



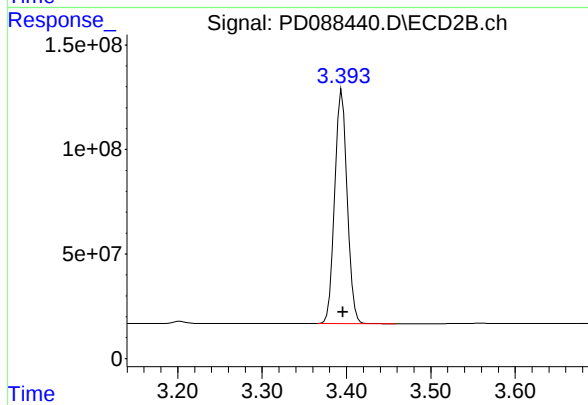
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 723040734
Conc: 49.45 ng/ml



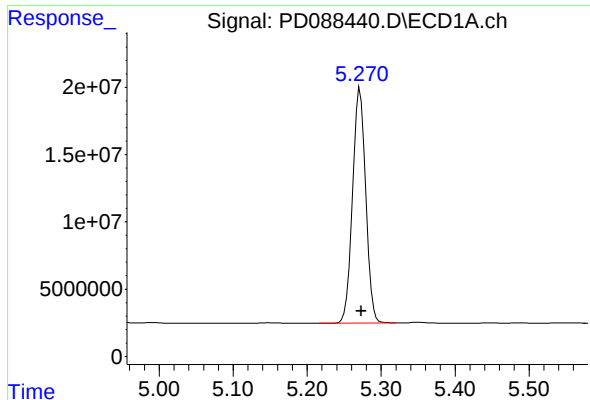
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 236000157
Conc: 54.73 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1146531624
Conc: 50.15 ng/ml



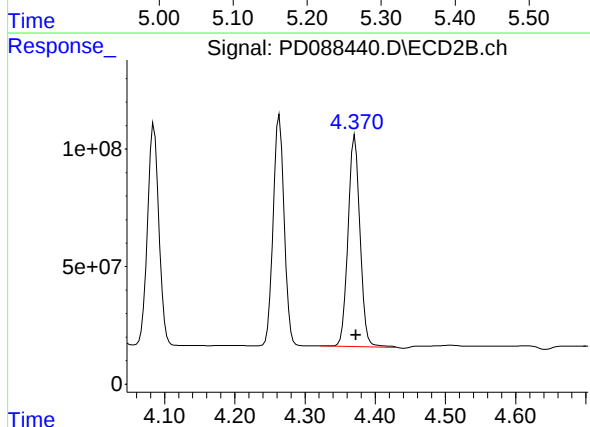
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 215577576
Conc: 54.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

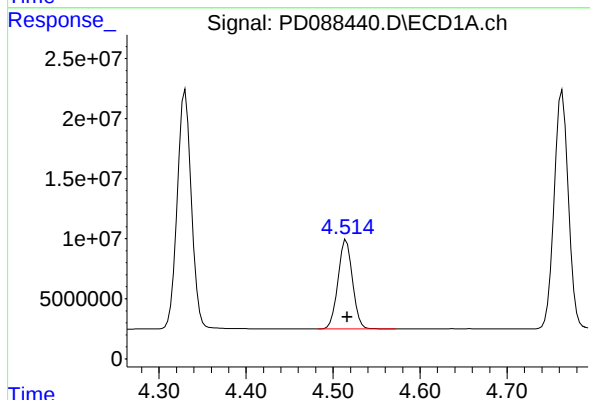
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



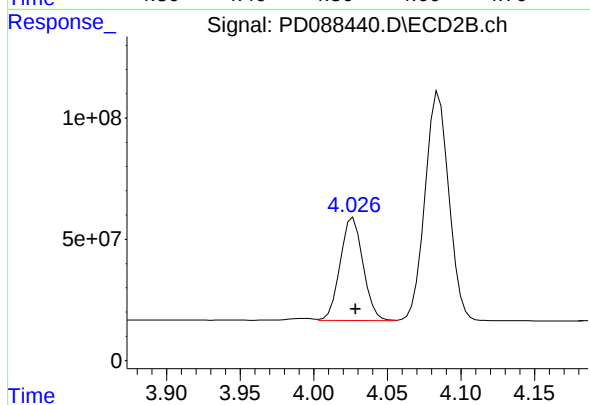
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 1061934003
Conc: 51.05 ng/ml



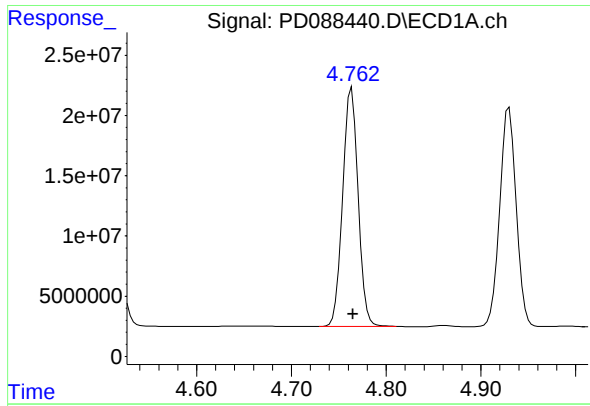
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 86030317
Conc: 52.99 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 458622315
Conc: 49.56 ng/ml



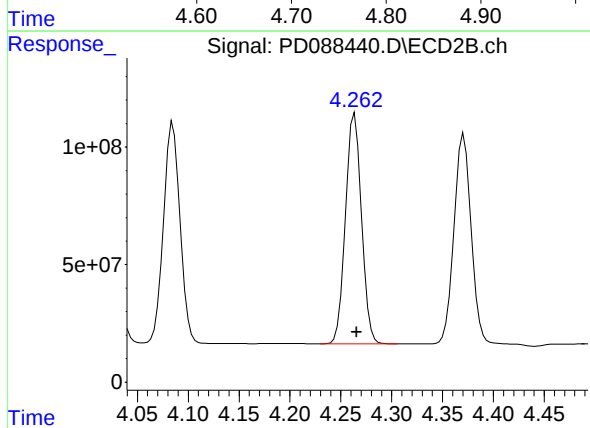
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 223976020
Conc: 54.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

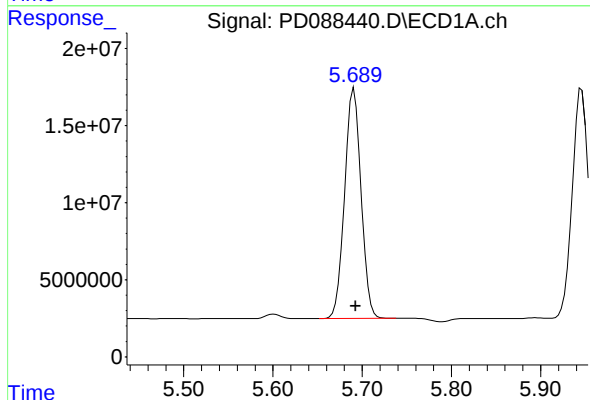
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



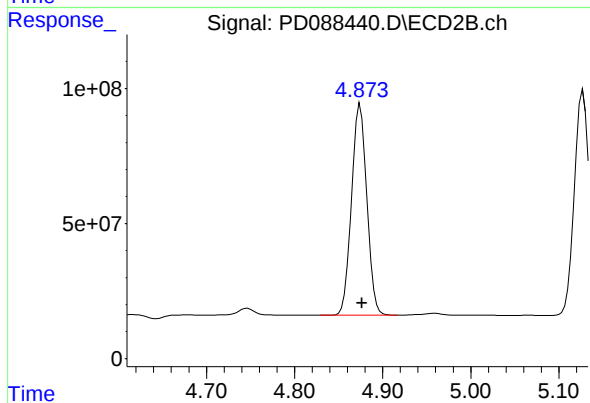
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 1073246511
Conc: 50.48 ng/ml



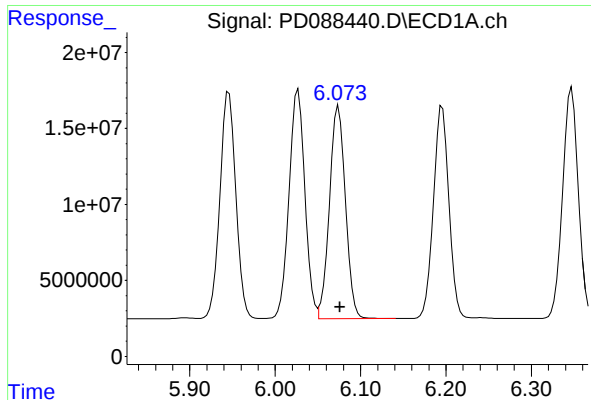
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 191457164
Conc: 53.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 945367950
Conc: 50.03 ng/ml



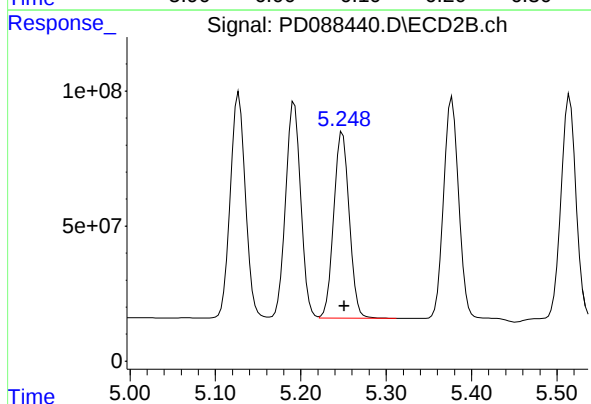
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 181844979
Conc: 53.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

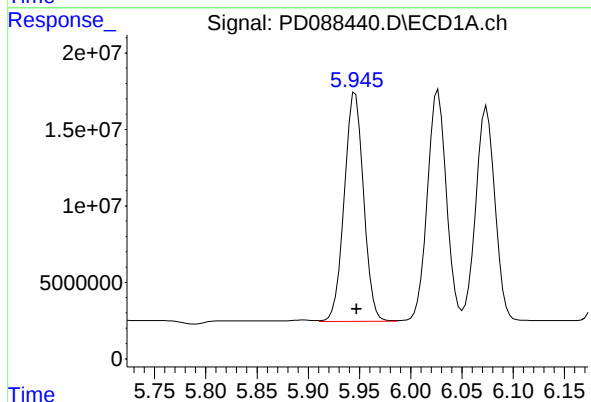
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



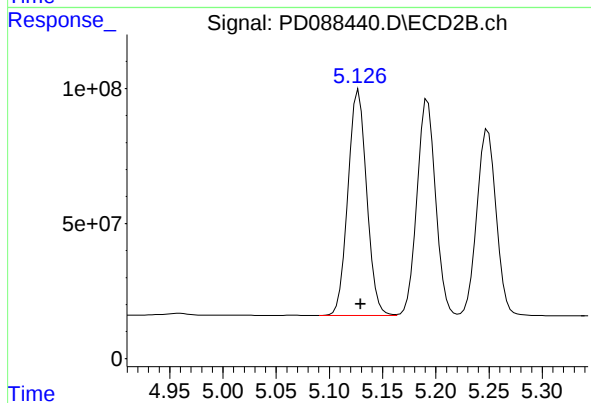
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 869341666
Conc: 48.26 ng/ml



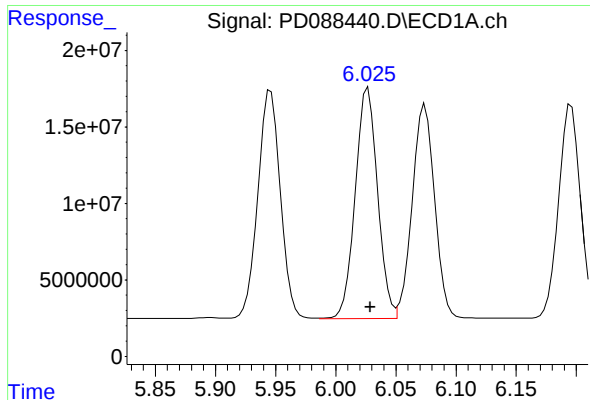
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 195445788
Conc: 53.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 1018066872
Conc: 50.16 ng/ml



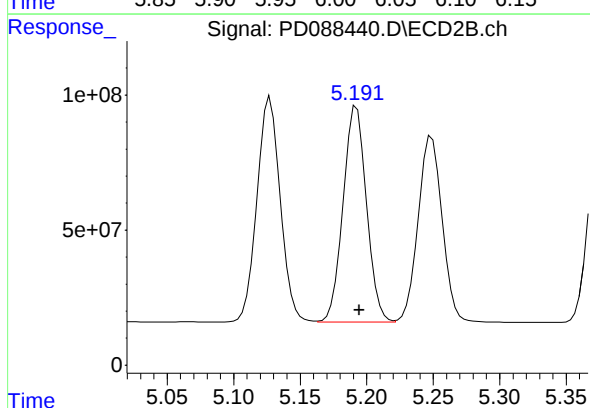
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 195304006
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

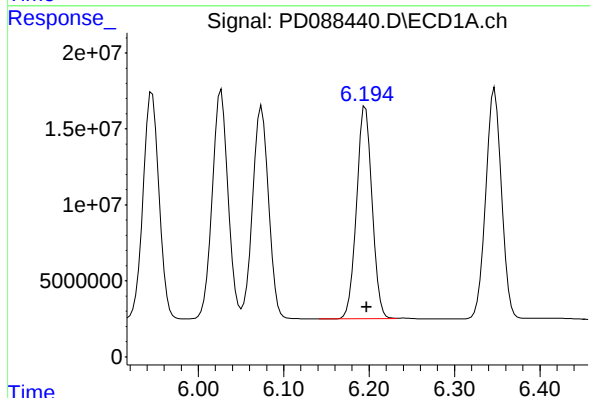
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



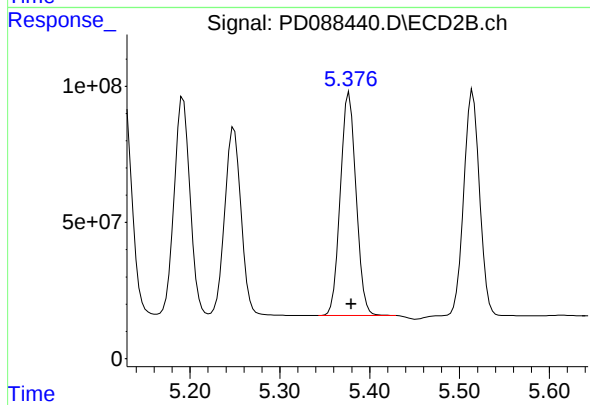
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 980740081
Conc: 50.03 ng/ml



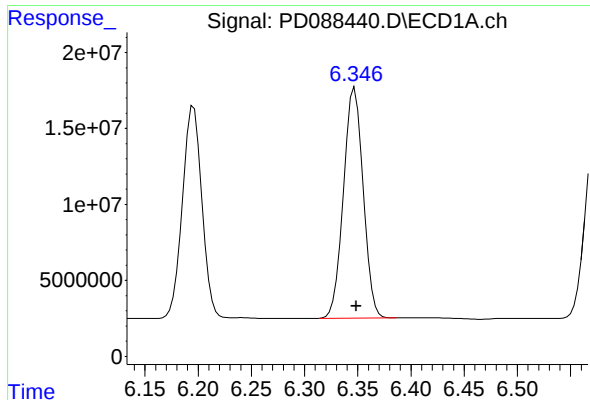
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 176724557
Conc: 53.58 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.004 min
Response: 997060641
Conc: 50.63 ng/ml m



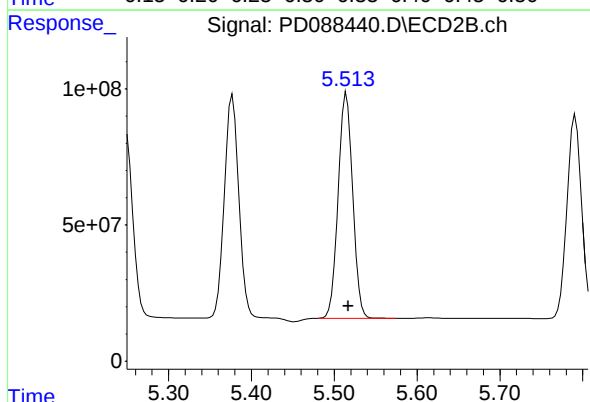
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 194320872
Conc: 54.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

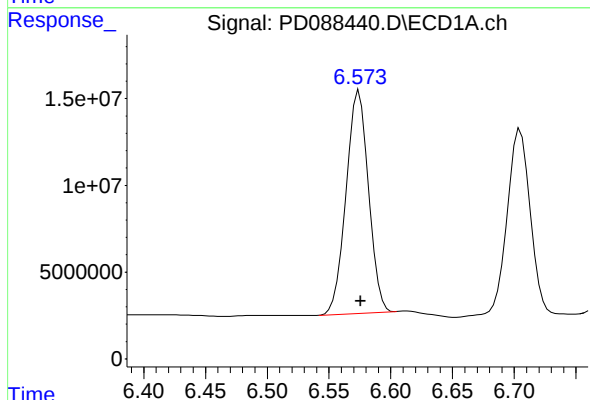
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



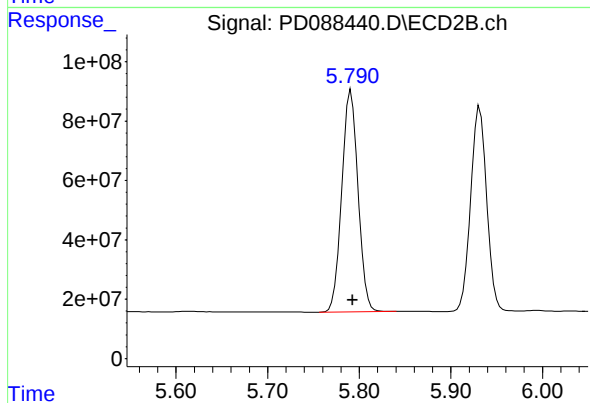
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 1006473592
Conc: 50.49 ng/ml



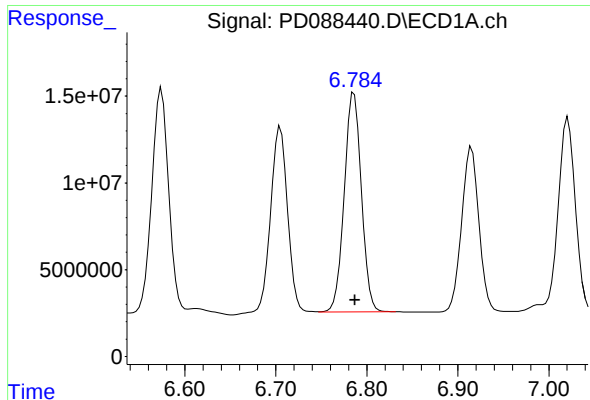
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 162280120
Conc: 54.41 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 923707959
Conc: 50.75 ng/ml



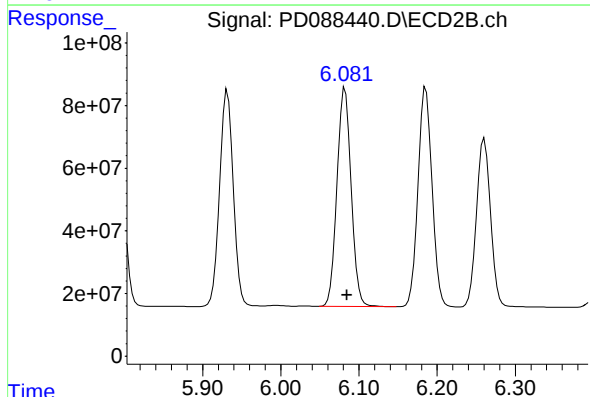
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.001 min
Response: 166066739
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

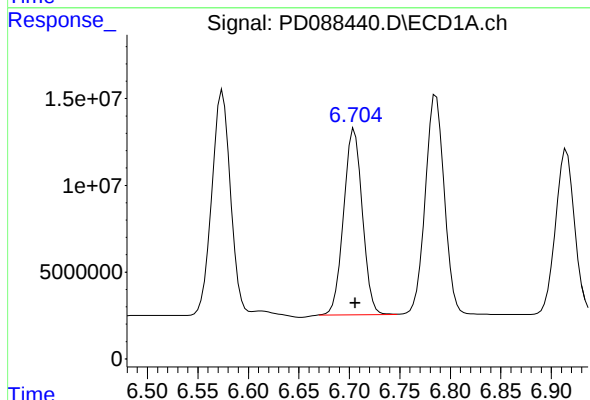
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



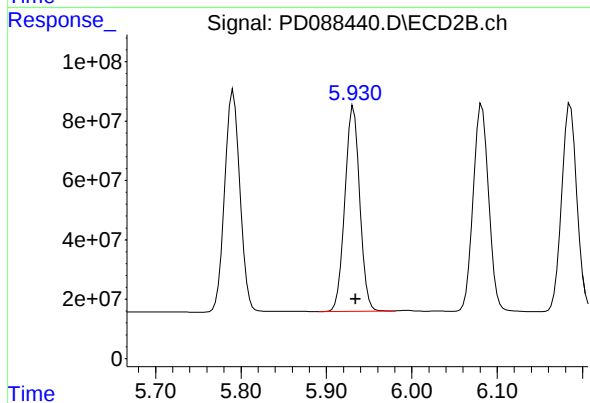
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 881909917
Conc: 50.33 ng/ml



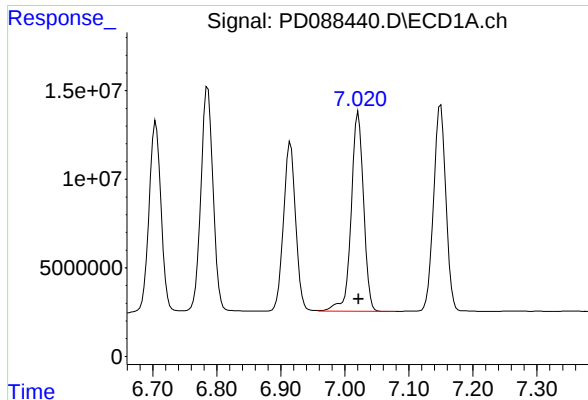
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 138636401
Conc: 55.12 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 836013008
Conc: 51.02 ng/ml



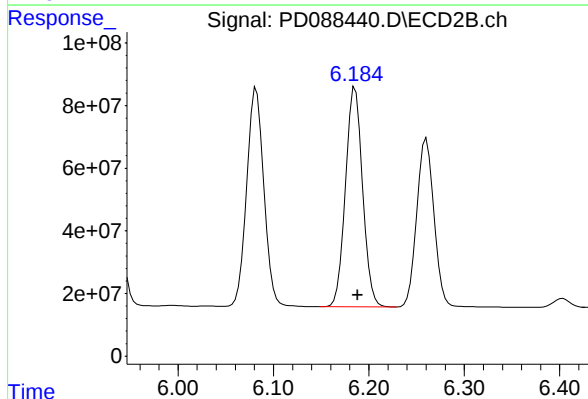
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 151321342
Conc: 54.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

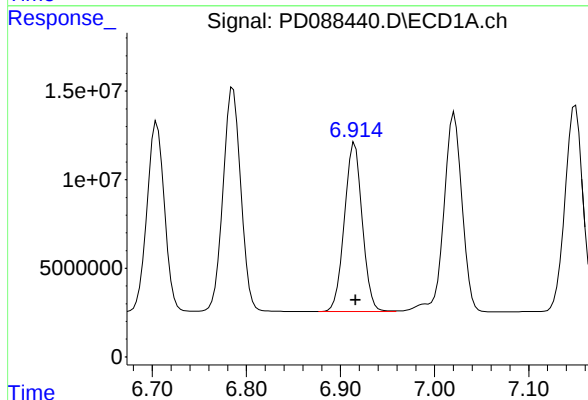
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



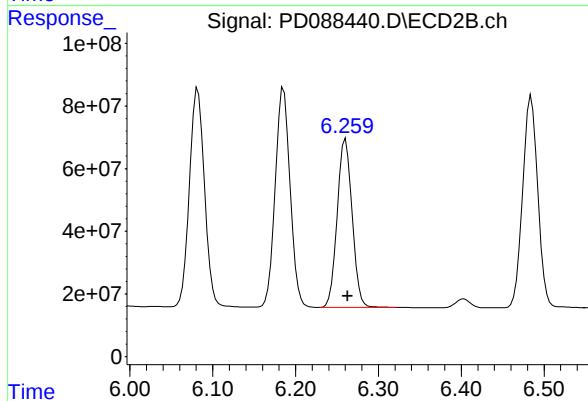
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 878186611
Conc: 51.61 ng/ml



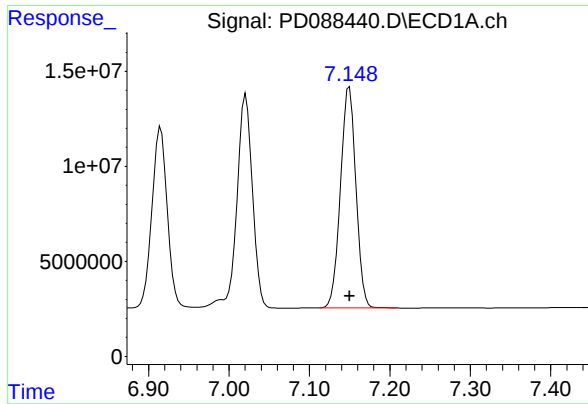
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 125666365
Conc: 54.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 673743562
Conc: 50.65 ng/ml



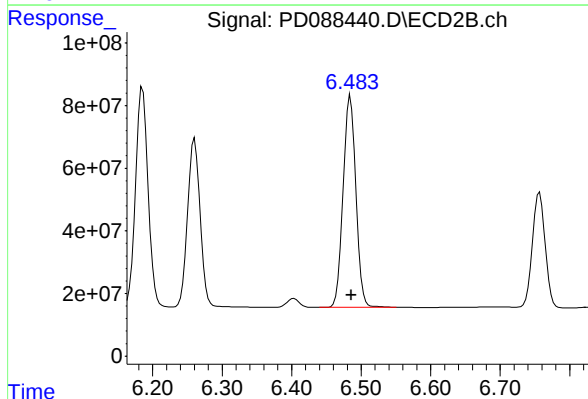
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 155209693
Conc: 53.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

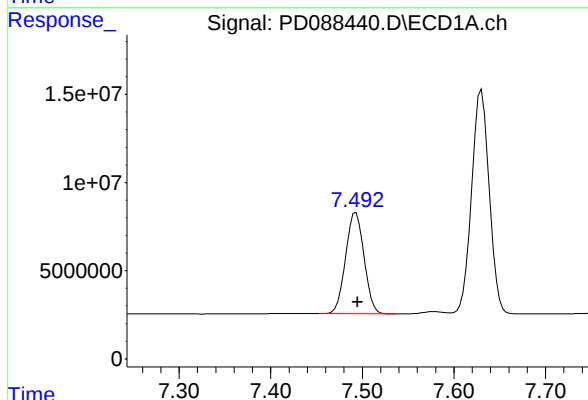
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



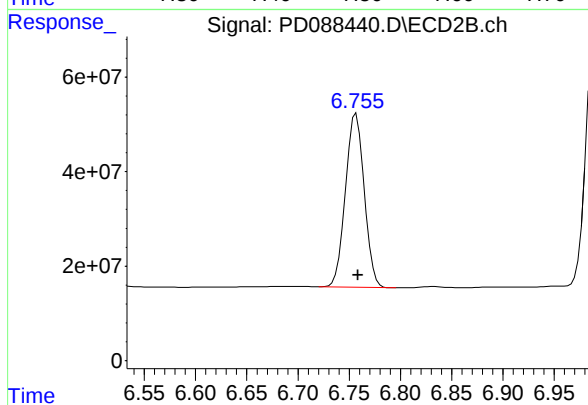
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 862326224
Conc: 50.33 ng/ml



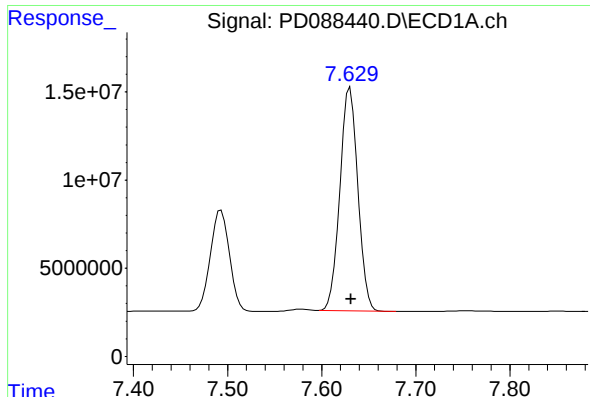
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 80777496
Conc: 53.87 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 468068682
Conc: 51.32 ng/ml



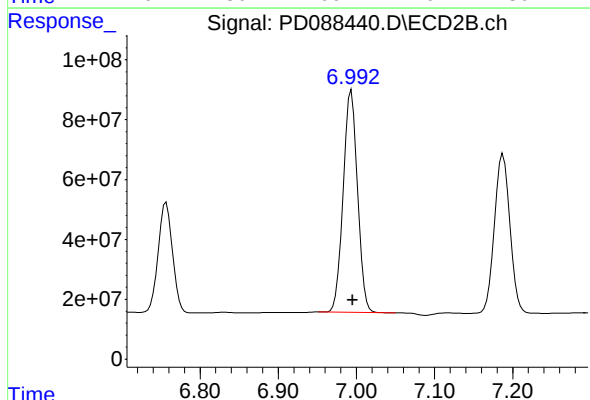
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 168205948
Conc: 54.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

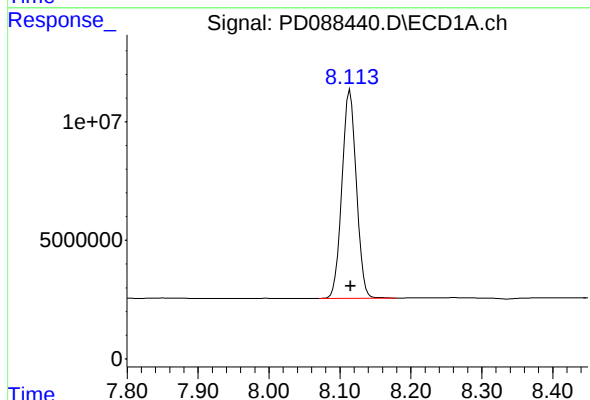
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



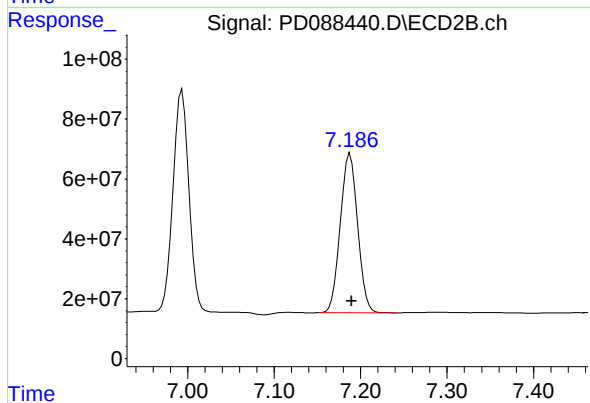
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 945626744
Conc: 50.56 ng/ml



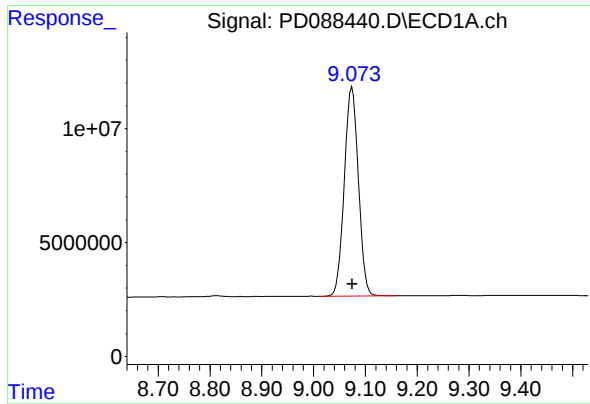
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 123798642
Conc: 52.72 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 734225848
Conc: 49.54 ng/ml



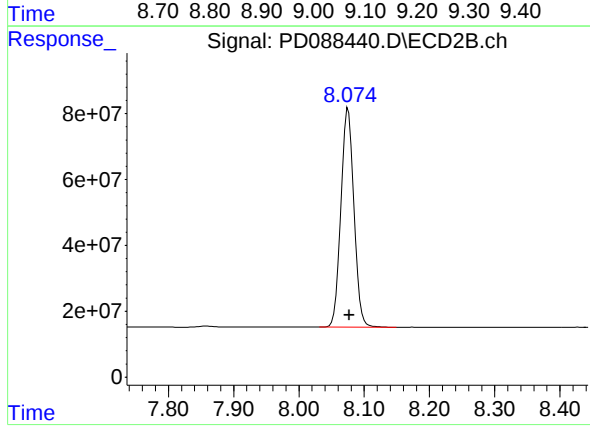
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 173286551
Conc: 52.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 922977946
Conc: 49.95 ng/ml