

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090225\
 Data File : PD090107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2025 11:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/03/2025
 Supervised By : mohammad ahmed 09/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 13:52:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.554	2.877	145.8E6	1086.5E6	49.691	49.273
28)	SA Decachlor...	9.075	8.065	198.3E6	1139.2E6	45.948	44.010
Target Compounds							
2)	A alpha-BHC	4.004	3.389	327.8E6	1769.5E6	54.607	52.137
3)	MA gamma-BHC...	4.335	3.725	310.3E6	1625.2E6	54.186	52.138
4)	MA Heptachlor	4.933	4.078	296.5E6	1533.2E6	52.863	49.155
5)	MB Aldrin	5.274	4.364	289.0E6	1587.3E6	53.379	52.118
6)	B beta-BHC	4.521	4.021	117.8E6	686.5E6	52.502	51.499
7)	B delta-BHC	4.769	4.258	298.2E6	1631.6E6	57.588	51.716
8)	B Heptachlo...	5.694	4.867	257.4E6	1430.8E6	52.451	51.663
9)	A Endosulfan I	6.077	5.242	242.0E6	1310.2E6	52.435	49.968
10)	B gamma-Chl...	5.949	5.120	262.3E6	1549.0E6	53.636	52.312
11)	B alpha-Chl...	6.031	5.185	258.9E6	1450.1E6	52.596	50.814
12)	B 4,4'-DDE	6.200	5.369	232.3E6	1488.4E6	52.926	51.638
13)	MA Dieldrin	6.350	5.508	259.8E6	1496.9E6	53.059	51.110
14)	MA Endrin	6.577	5.784	202.6E6	1242.8E6	48.903	46.666
15)	B Endosulfa...	6.789	6.075	216.0E6	1297.4E6	51.196	51.292
16)	A 4,4'-DDD	6.709	5.924	182.8E6	1236.1E6	52.858	51.410
17)	MA 4,4'-DDT	7.024	6.177	182.9E6	1189.3E6	48.010	47.440
18)	B Endrin al...	6.919	6.254	155.2E6	929.7E6	54.141	53.993
19)	B Endosulfa...	7.153	6.477	200.5E6	1227.7E6	51.168	50.360
20)	A Methoxychlor	7.496	6.747	89836740	550.6E6	44.793	42.698
21)	B Endrin ke...	7.632	6.986	216.1E6	1358.2E6	52.132m	50.973
22)	Mirex	8.117	7.179	151.8E6	995.8E6	48.111	48.208

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090225\
Data File : PD090107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2025 11:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

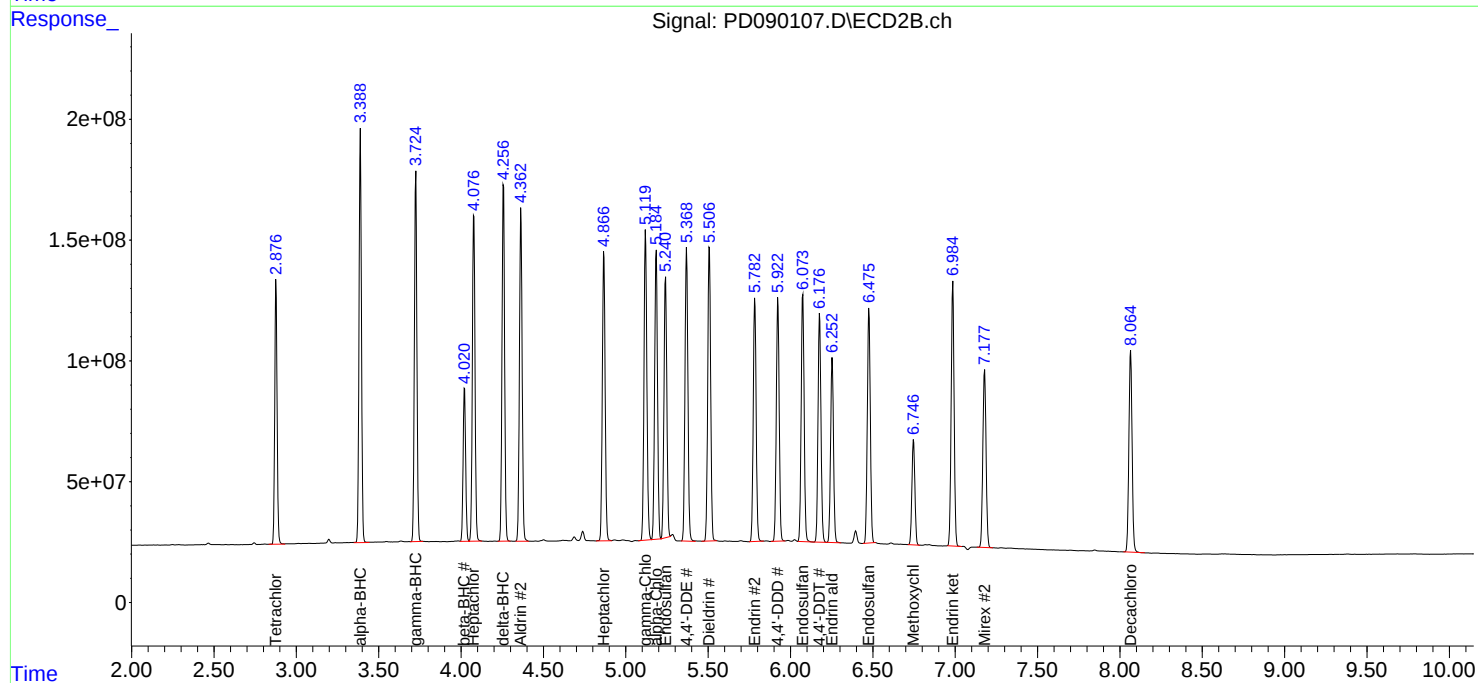
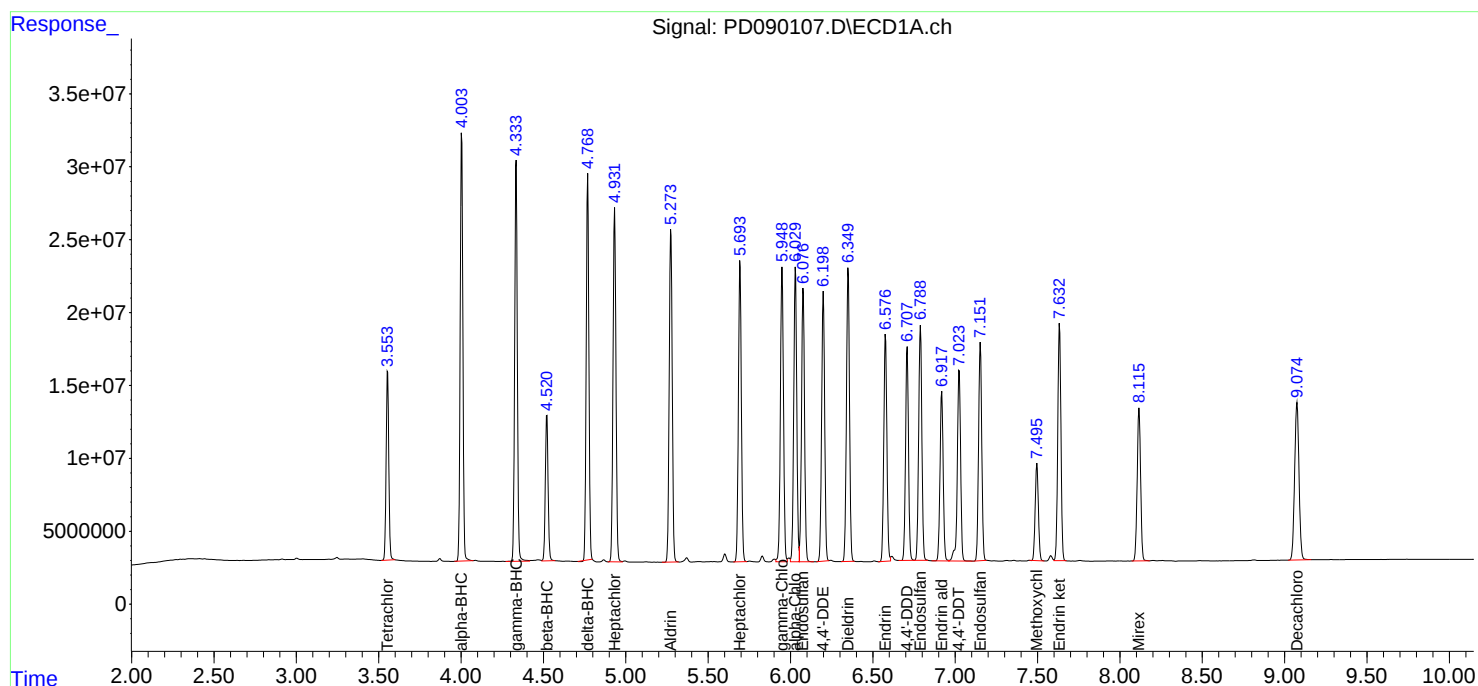
APPROVED

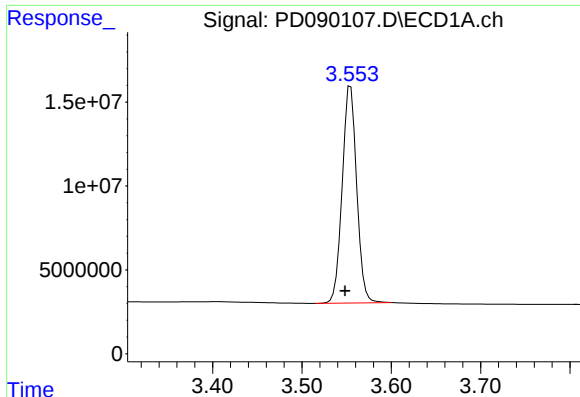
Reviewed By :Abdul Mirza 09/03/2025

Supervised By :mohammad ahmed 09/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 02 13:52:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





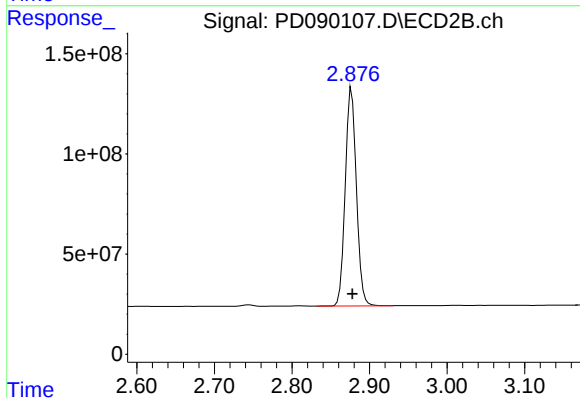
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.006 min
Response: 145834451
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

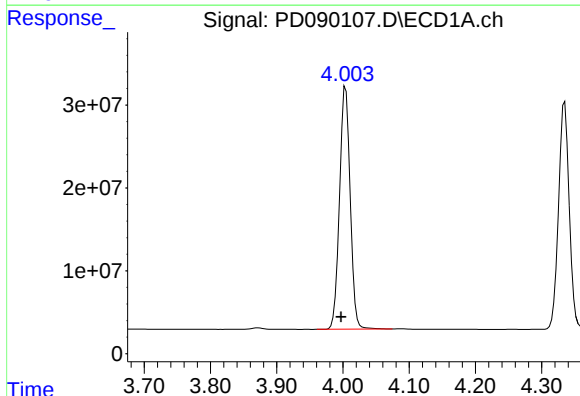
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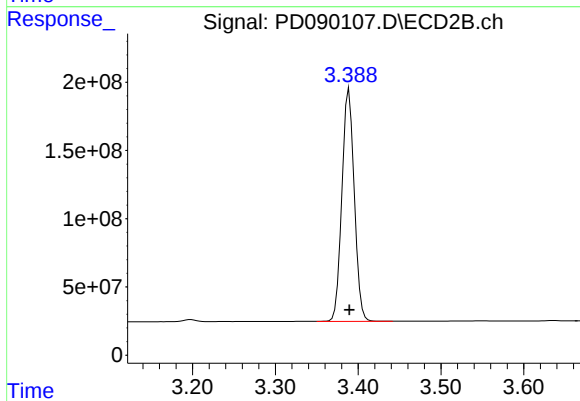
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1086490648
Conc: 49.27 ng/ml



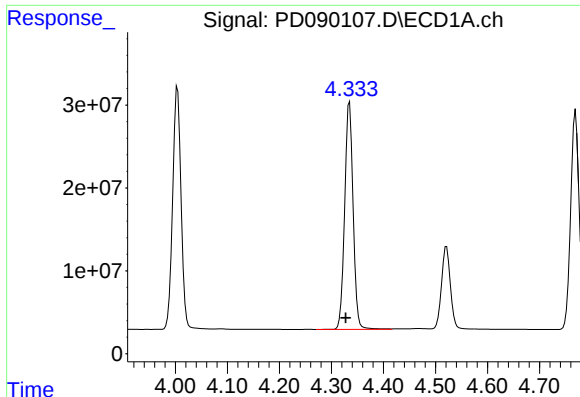
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.007 min
Response: 327762462
Conc: 54.61 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1769456667
Conc: 52.14 ng/ml



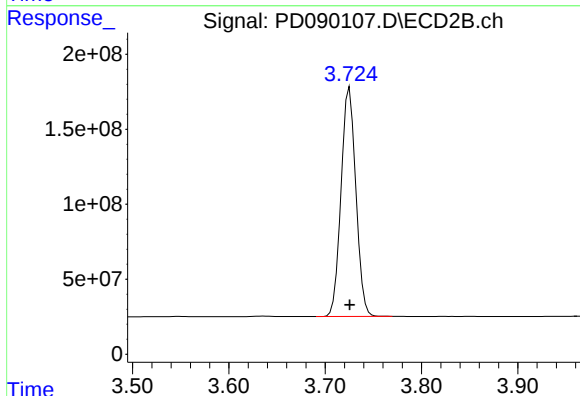
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.007 min
Response: 310313431
Conc: 54.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

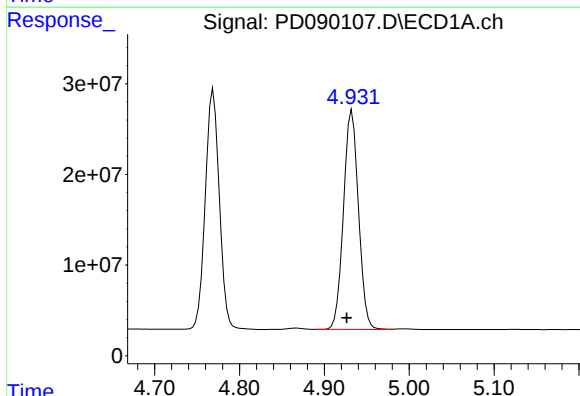
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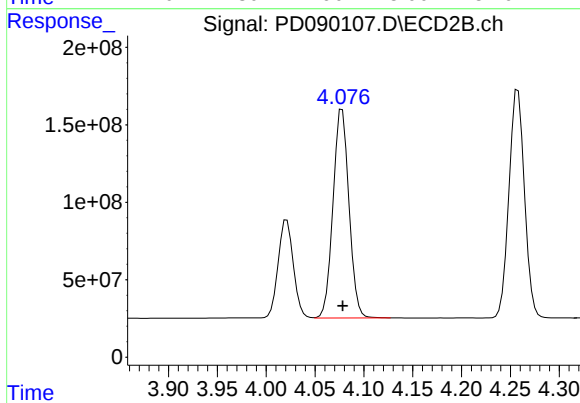
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1625172113
Conc: 52.14 ng/ml



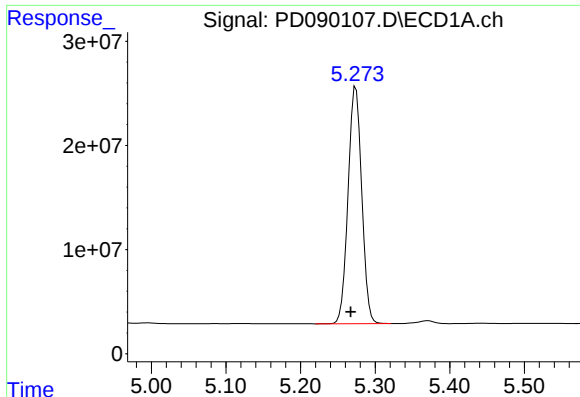
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.006 min
Response: 296517949
Conc: 52.86 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1533236950
Conc: 49.16 ng/ml



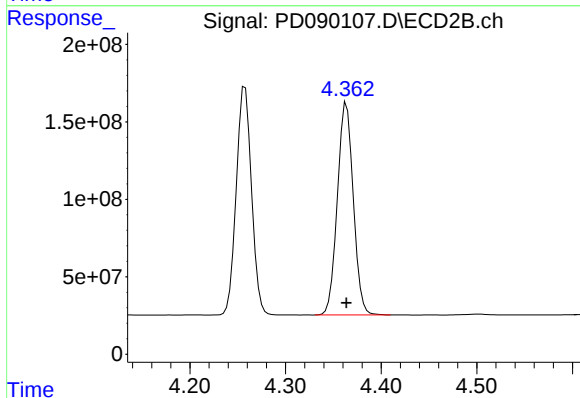
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.007 min
Response: 289023717
Conc: 53.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

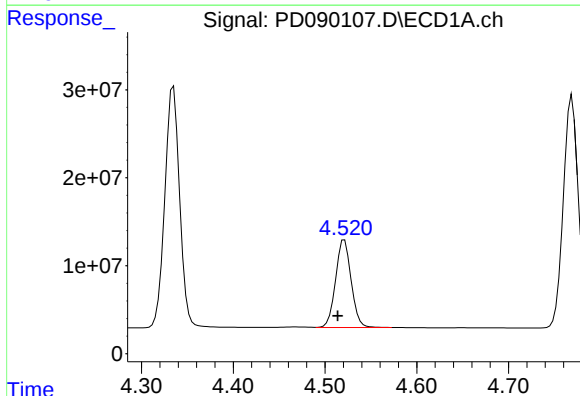
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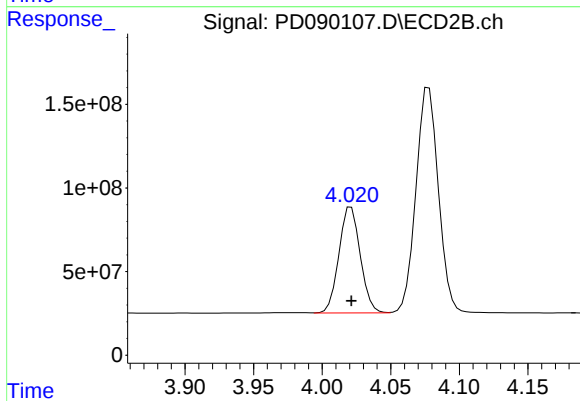
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1587276445
Conc: 52.12 ng/ml



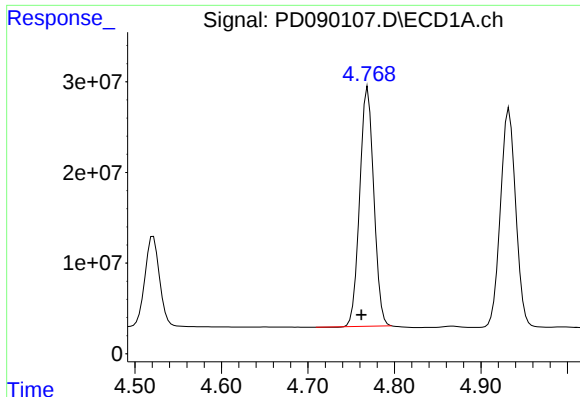
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 117763707
Conc: 52.50 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 686488307
Conc: 51.50 ng/ml



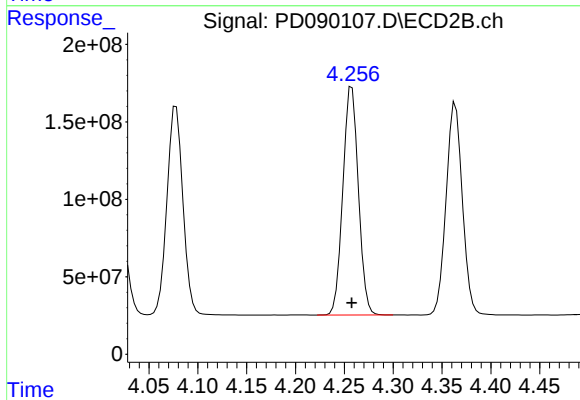
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.007 min
Response: 298172758
Conc: 57.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

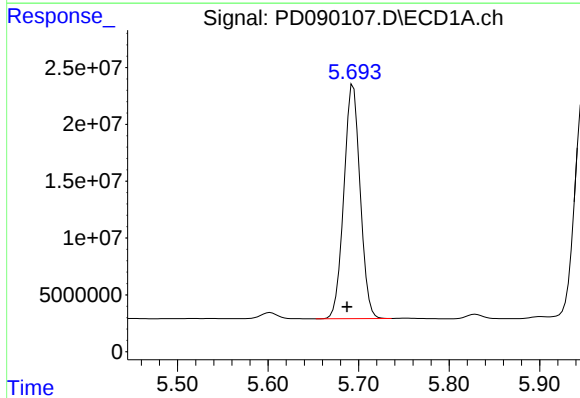
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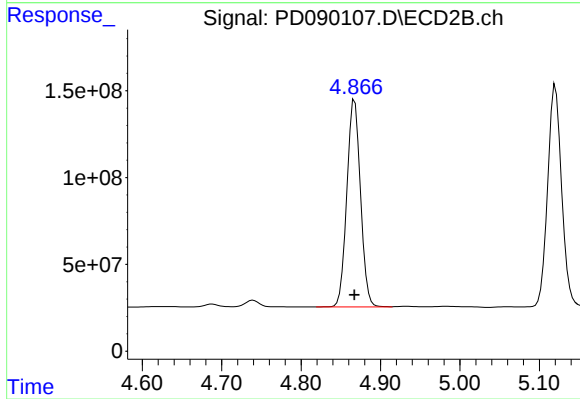
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1631630977
Conc: 51.72 ng/ml



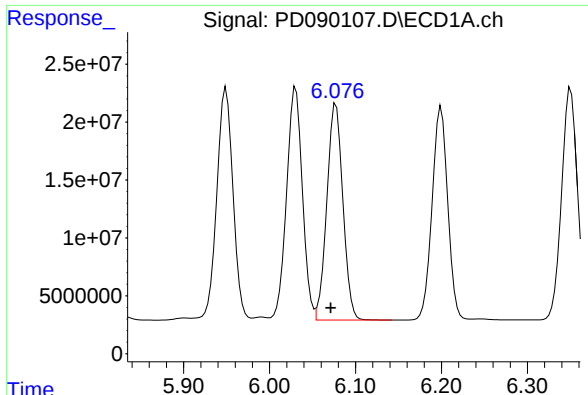
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.007 min
Response: 257364886
Conc: 52.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1430791950
Conc: 51.66 ng/ml



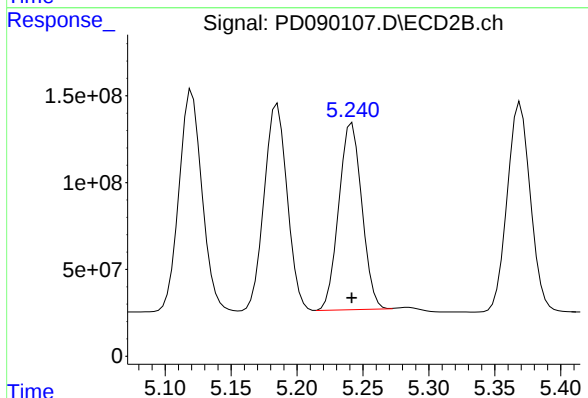
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.006 min
Response: 241979582
Conc: 52.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

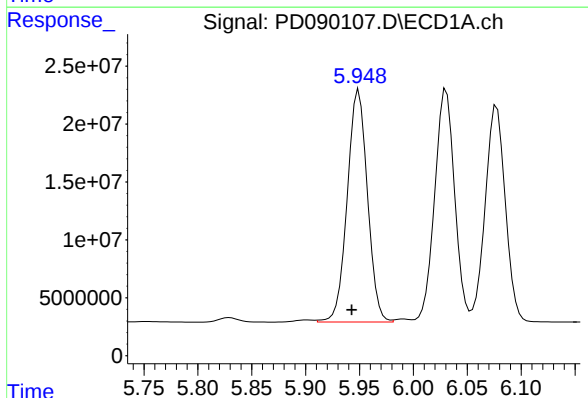
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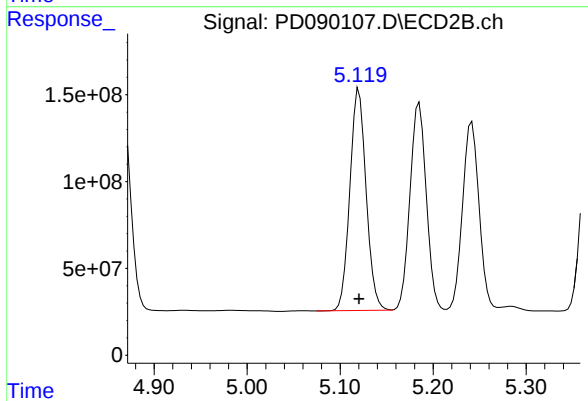
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1310238895
Conc: 49.97 ng/ml



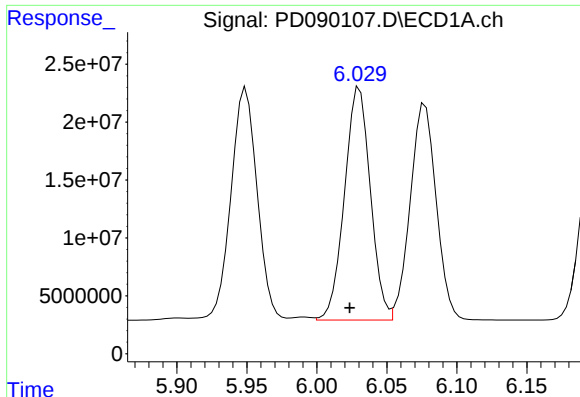
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.007 min
Response: 262333397
Conc: 53.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1549037872
Conc: 52.31 ng/ml



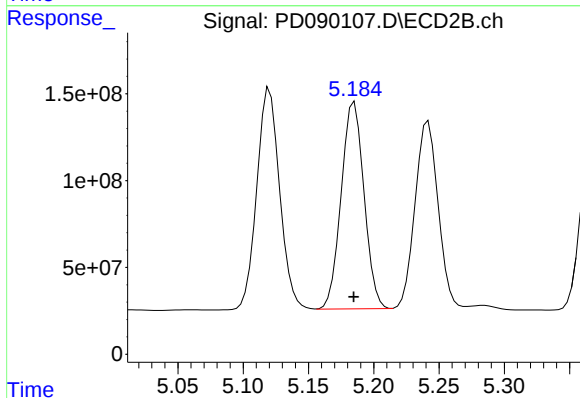
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 258897934
Conc: 52.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

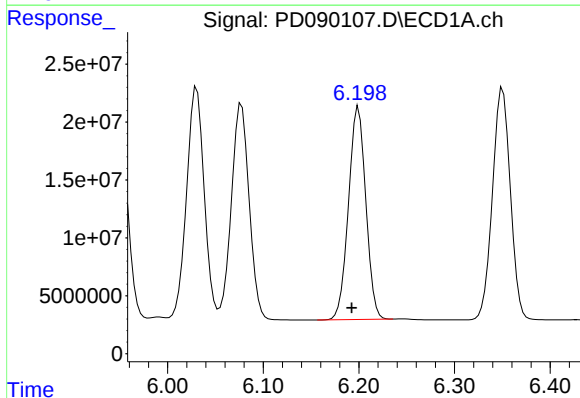
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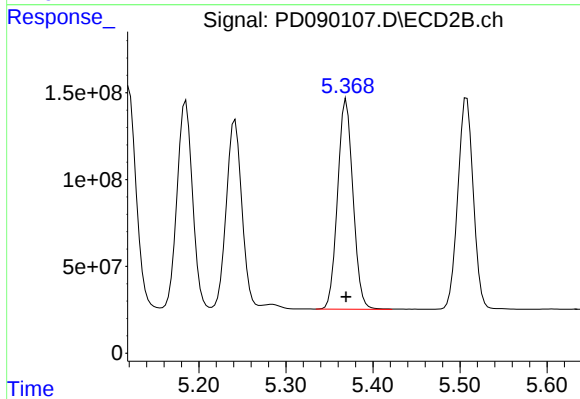
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1450132737
Conc: 50.81 ng/ml



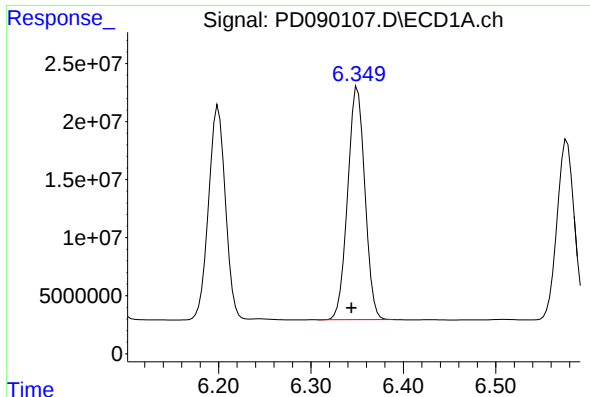
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 232254626
Conc: 52.93 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1488357892
Conc: 51.64 ng/ml



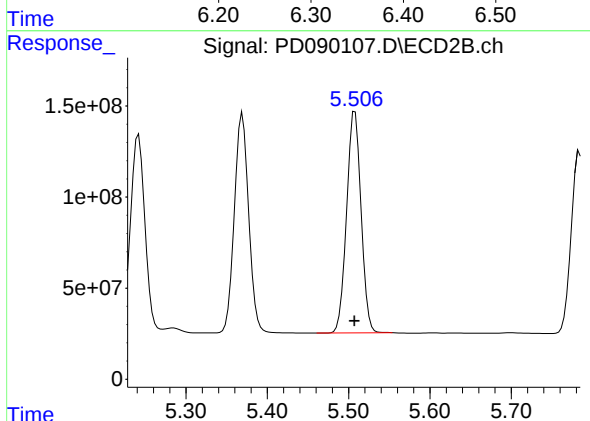
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 259764099
Conc: 53.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

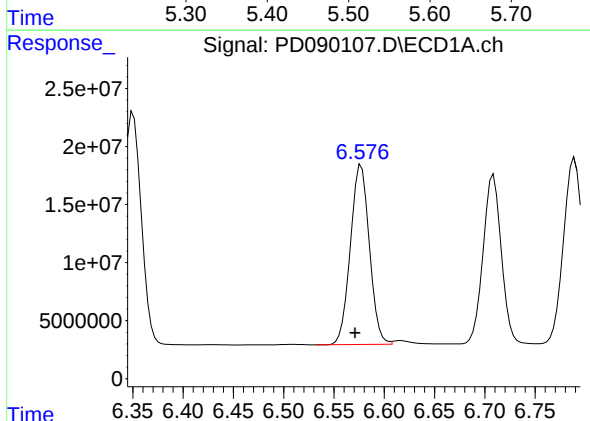
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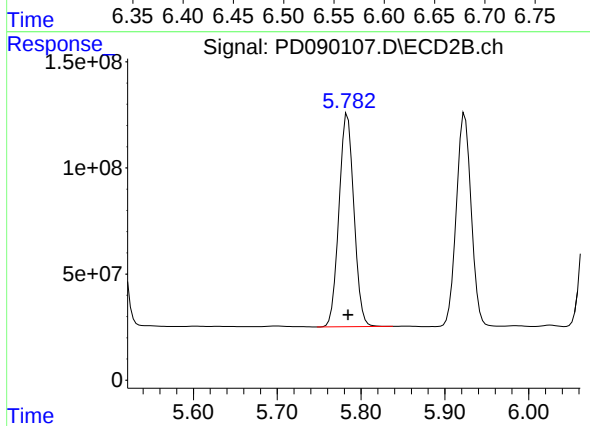
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1496874045
Conc: 51.11 ng/ml



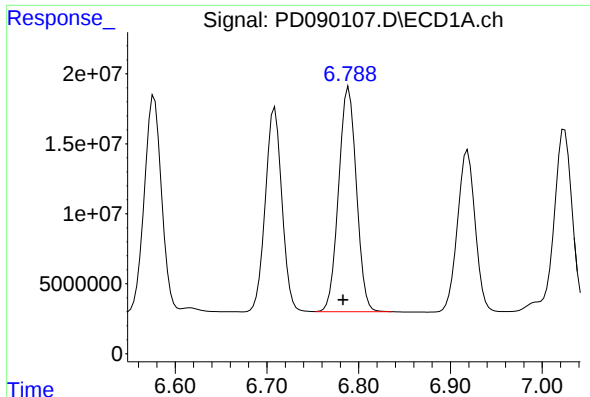
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.006 min
Response: 202633650
Conc: 48.90 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1242823452
Conc: 46.67 ng/ml



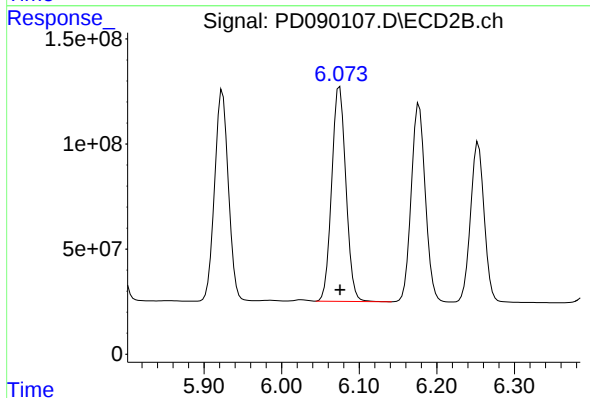
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.006 min
Response: 216031775
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

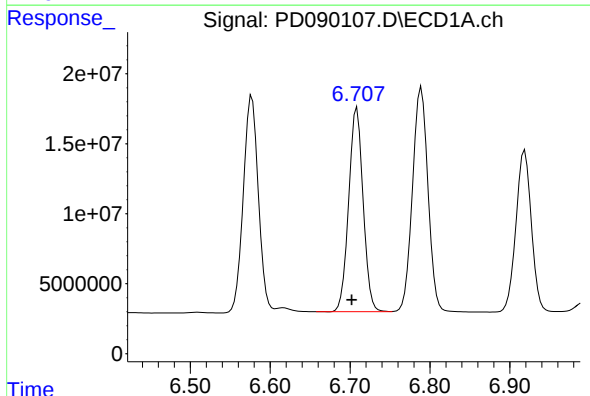
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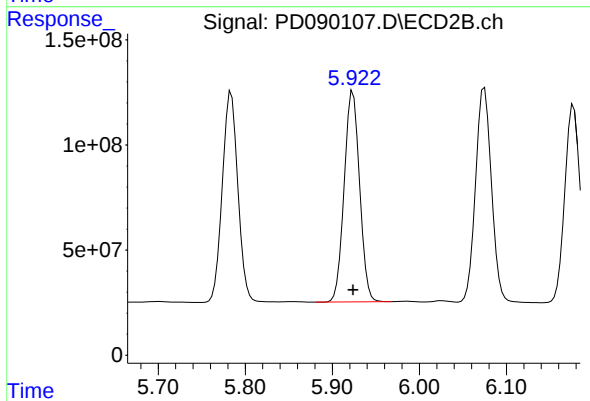
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1297401675
Conc: 51.29 ng/ml



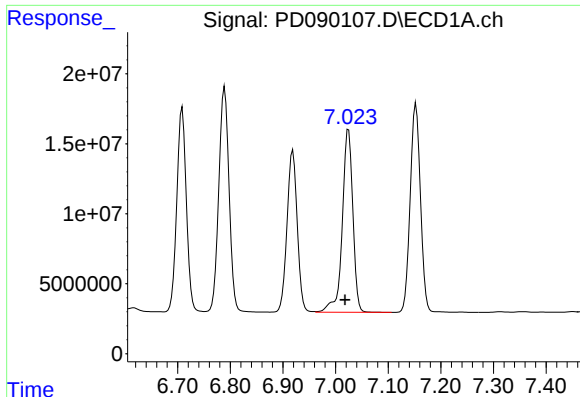
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 182840523
Conc: 52.86 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1236076610
Conc: 51.41 ng/ml



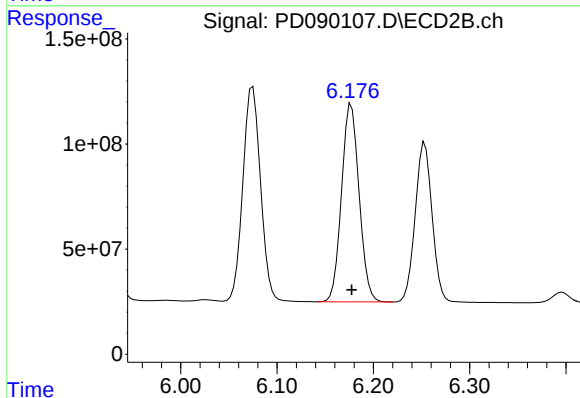
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.007 min
Response: 182905794
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

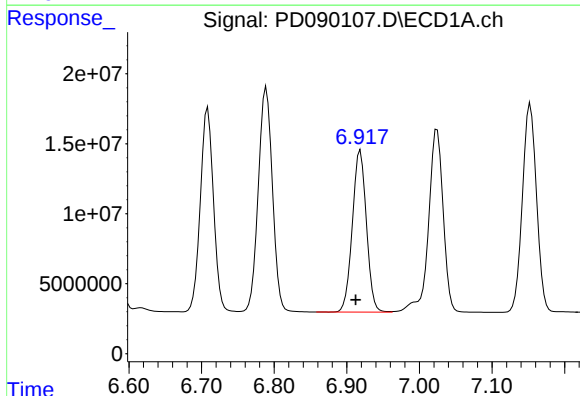
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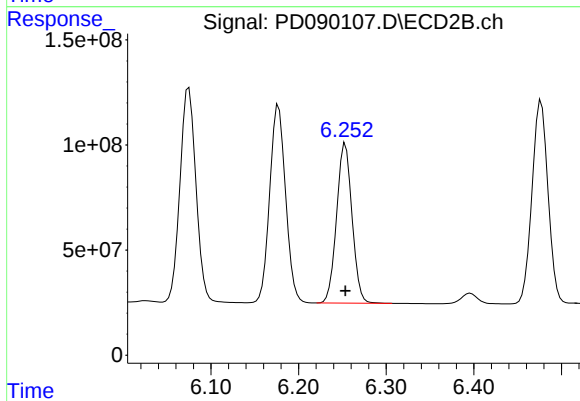
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1189310946
Conc: 47.44 ng/ml



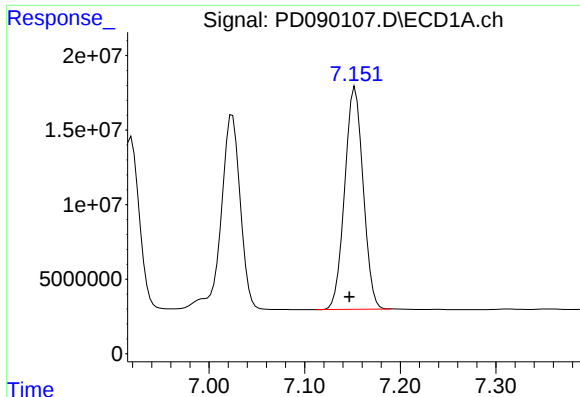
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 155230333
Conc: 54.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 929749604
Conc: 53.99 ng/ml



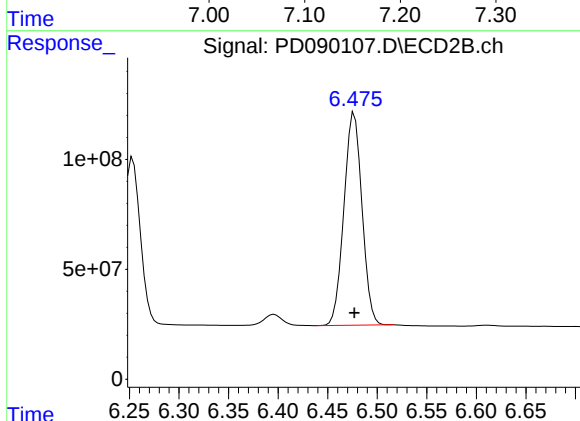
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.006 min
Response: 200499685
Conc: 51.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

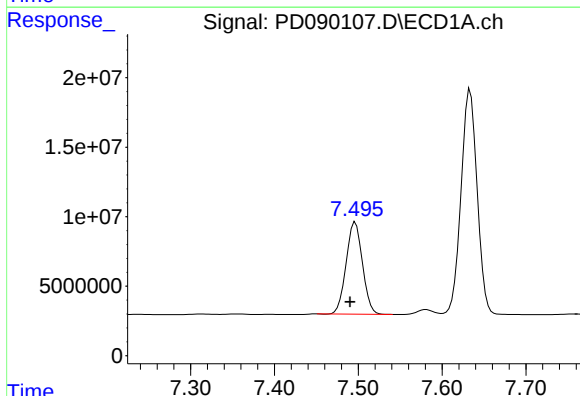
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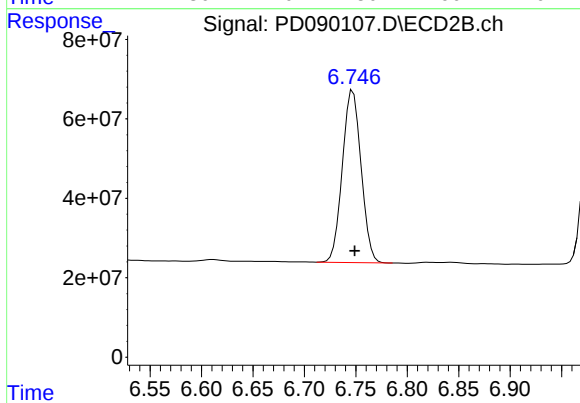
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1227744035
Conc: 50.36 ng/ml



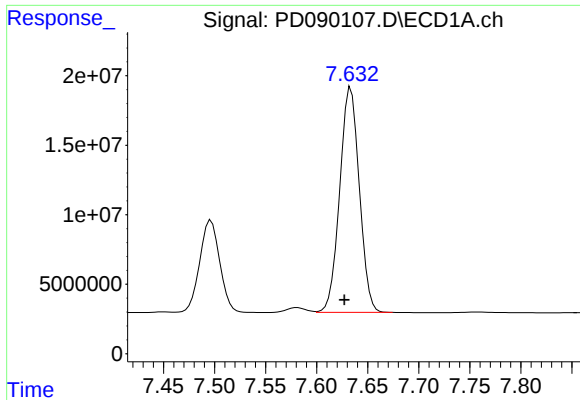
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.006 min
Response: 89836740
Conc: 44.79 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 550624579
Conc: 42.70 ng/ml



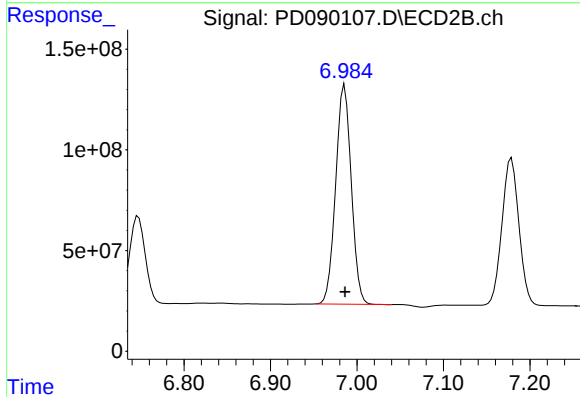
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 216060555
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

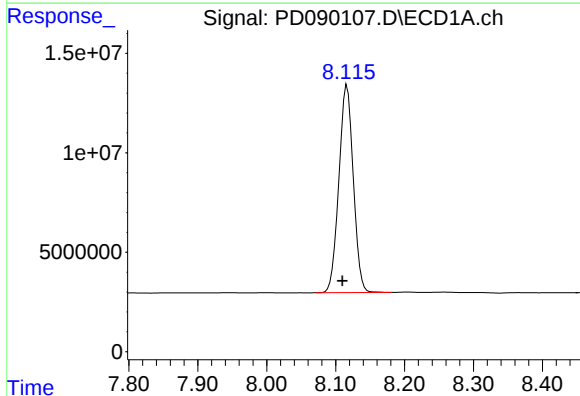
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/03/2025
Supervised By :mohammad ahmed 09/04/2025



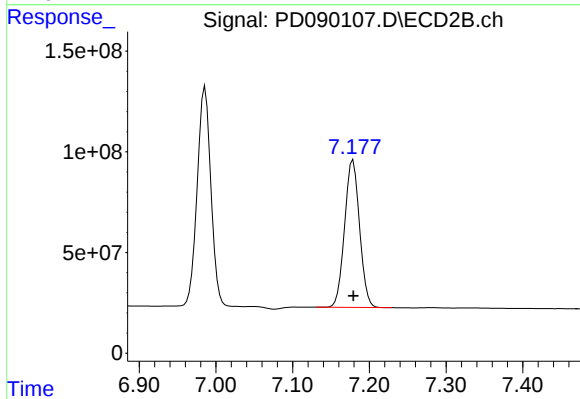
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1358159836
Conc: 50.97 ng/ml



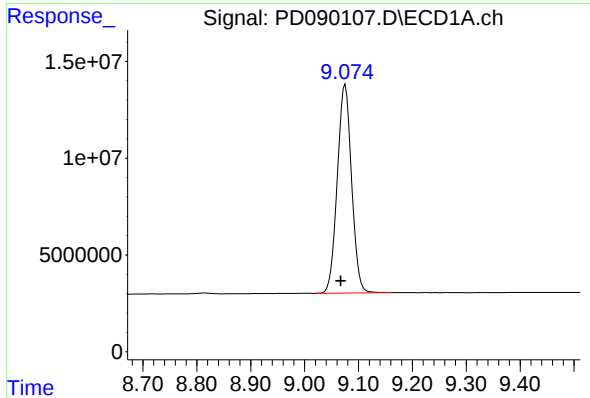
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.007 min
Response: 151764408
Conc: 48.11 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 995775262
Conc: 48.21 ng/ml



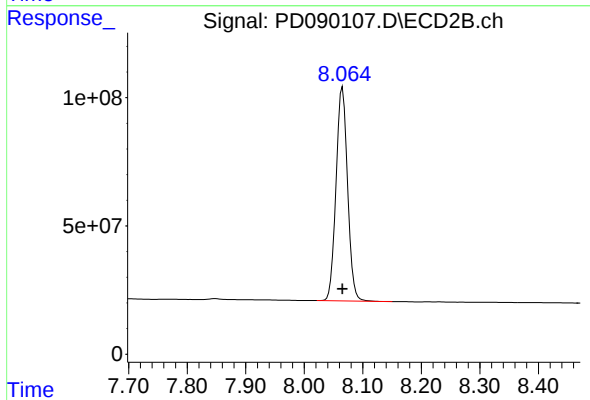
#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.008 min
Response: 198310936
Conc: 45.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/03/2025
Supervised By :mohammad ahmed 09/04/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1139226581
Conc: 44.01 ng/ml