

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091525\
 Data File : PD090271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 11:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 07:07:16 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...	3.546	2.876	140.4E6	1129.7E6	47.824	51.232
28)	SA Decachlor...	9.067	8.063	206.7E6	1383.1E6	47.891	53.429
Target Compounds							
2)	A alpha-BHC	3.996	3.388	298.8E6	1818.1E6	49.783	53.570
3)	MA gamma-BHC...	4.325	3.724	279.1E6	1677.6E6	48.741m	53.820
4)	MA Heptachlor	4.925	4.076	279.7E6	1626.3E6	49.863	52.138
5)	MB Aldrin	5.265	4.362	264.3E6	1643.8E6	48.821m	53.973
6)	B beta-BHC	4.513	4.018	107.6E6	697.7E6	47.981	52.341m
7)	B delta-BHC	4.761	4.256	278.7E6	1687.4E6	53.828	53.485
8)	B Heptachlo...	5.686	4.866	235.7E6	1480.6E6	48.042	53.463
9)	A Endosulfan I	6.070	5.240	220.2E6	1407.6E6	47.709	53.680
10)	B gamma-Chl...	5.941	5.119	237.0E6	1603.4E6	48.451	54.148
11)	B alpha-Chl...	6.022	5.183	234.0E6	1535.5E6	47.543	53.806
12)	B 4,4'-DDE	6.191	5.368	215.9E6	1555.5E6	49.210	53.966
13)	MA Dieldrin	6.341	5.505	239.5E6	1565.1E6	48.926m	53.439
14)	MA Endrin	6.568	5.781	201.5E6	1397.7E6	48.629m	52.480m
15)	B Endosulfa...	6.782	6.073	195.9E6	1366.2E6	46.433	54.013
16)	A 4,4'-DDD	6.701	5.922	167.7E6	1275.3E6	48.468	53.041
17)	MA 4,4'-DDT	7.015	6.176	179.7E6	1388.5E6	47.157m	55.387
18)	B Endrin al...	6.911	6.252	138.9E6	943.7E6	48.460	54.804
19)	B Endosulfa...	7.144	6.475	188.3E6	1310.8E6	48.059m	53.767
20)	A Methoxychlor	7.489	6.746	97375241	638.8E6	48.551	49.535
21)	B Endrin ke...	7.626	6.984	205.9E6	1452.7E6	49.691	54.522
22)	Mirex	8.109	7.178	149.0E6	1114.3E6	47.224	53.948

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091525\
Data File : PD090271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

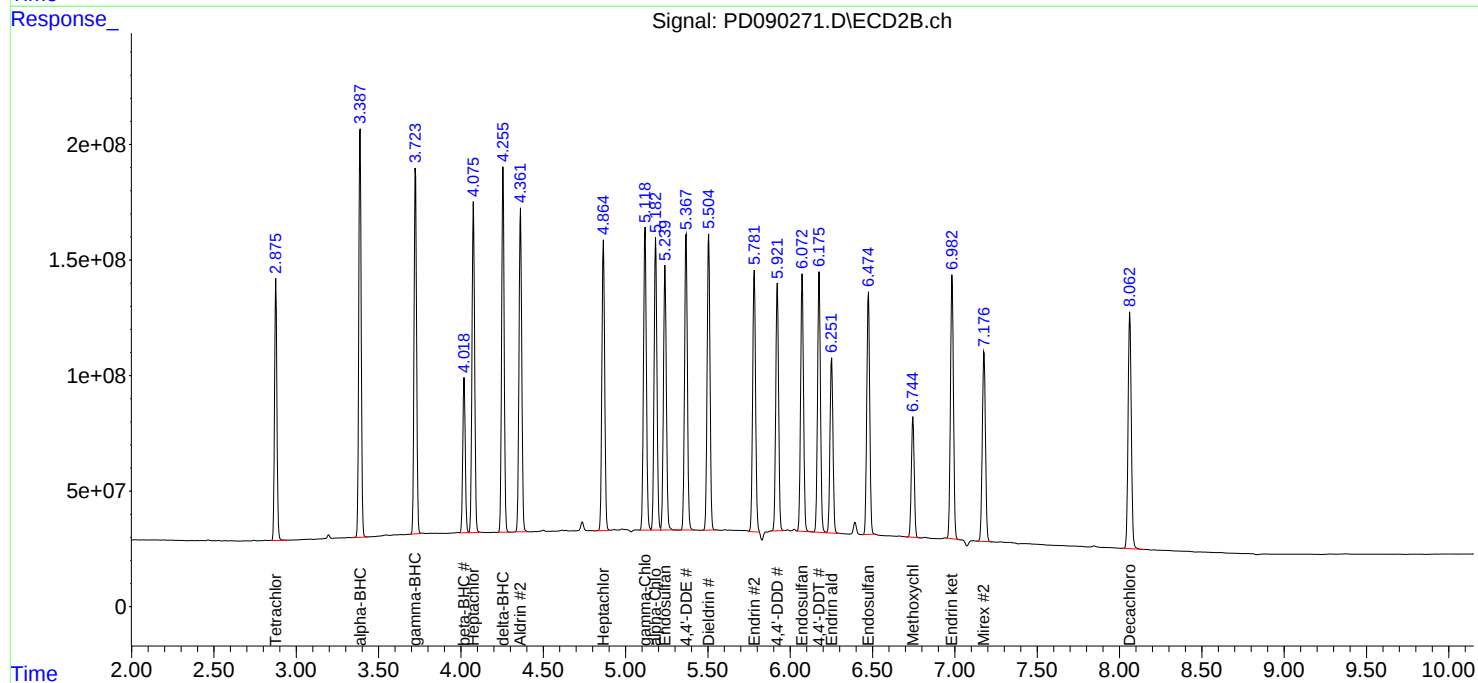
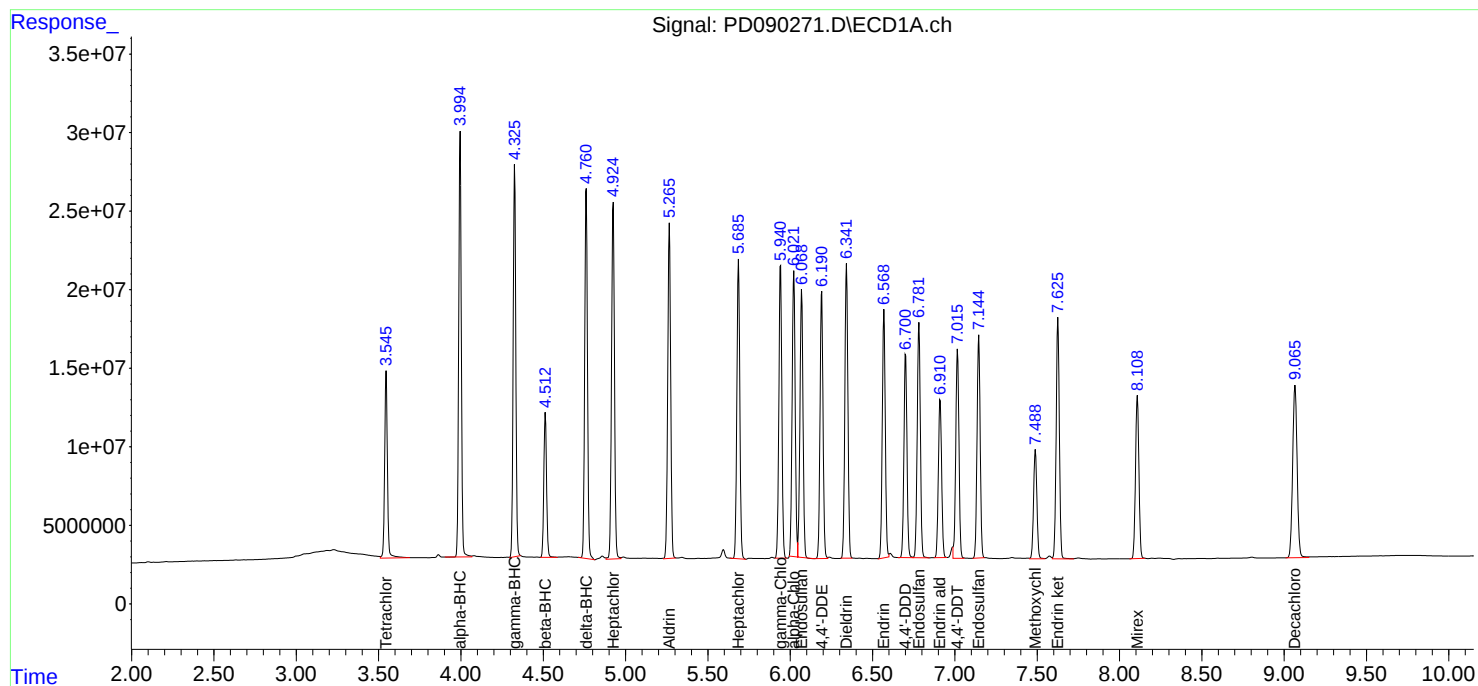
APPROVED

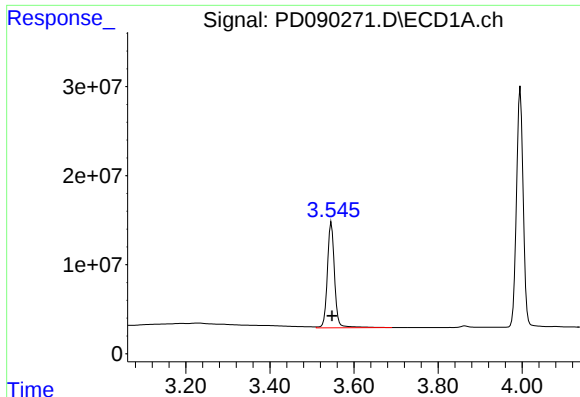
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 07:07:16 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.: 3.546 min
Delta R.T.: -0.002 min
Response: 140355897
Conc: 47.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

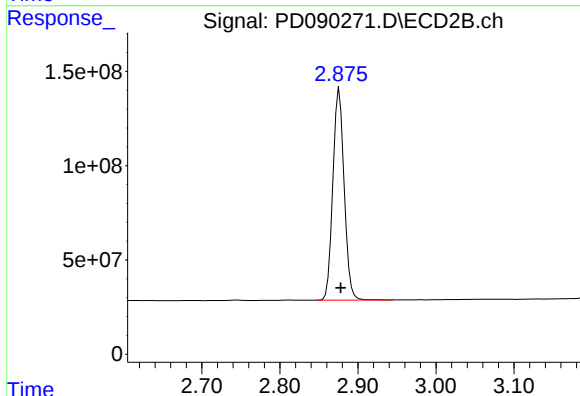
PSTDCCC050

Manual Integrations

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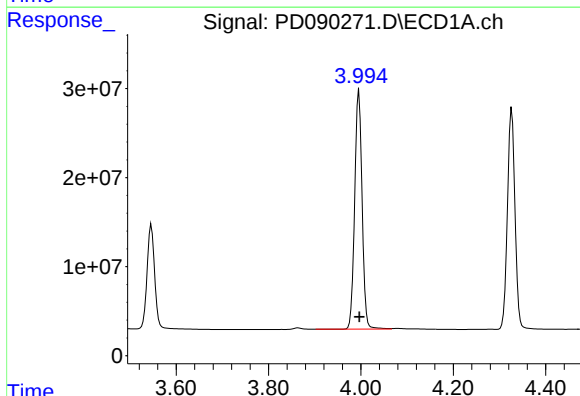
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025



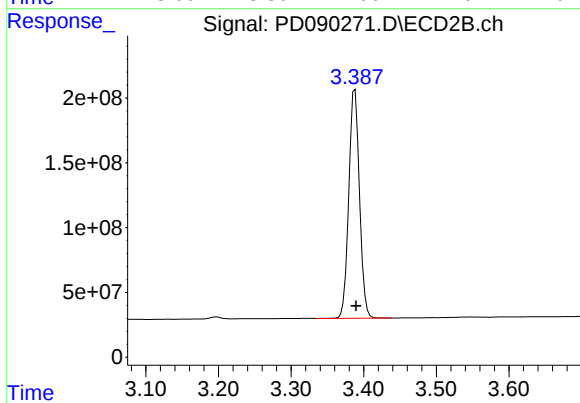
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1129691701
Conc: 51.23 ng/ml



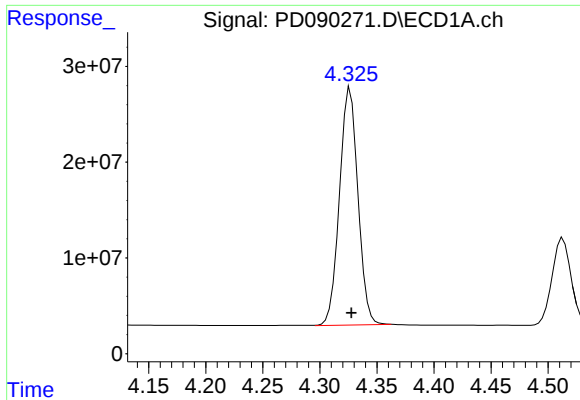
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 298809362
Conc: 49.78 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1818090700
Conc: 53.57 ng/ml



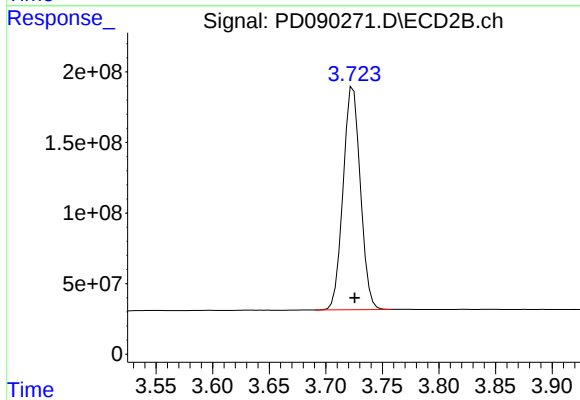
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 279134674
Conc: 48.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

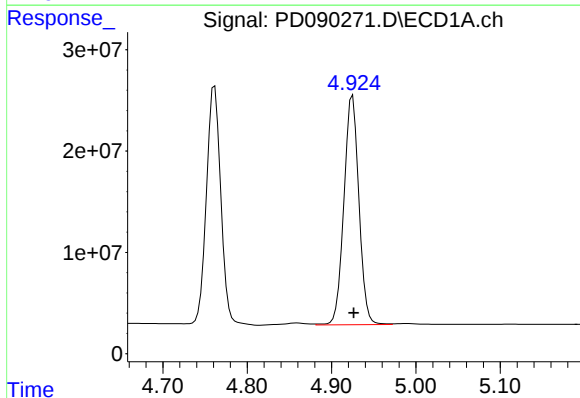
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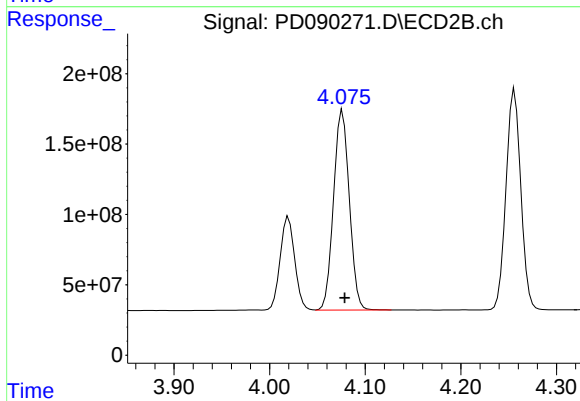
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1677604708
Conc: 53.82 ng/ml



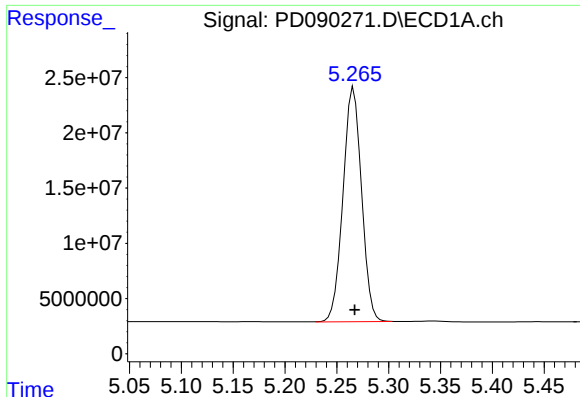
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 279691318
Conc: 49.86 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 1626259909
Conc: 52.14 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 264344595
Conc: 48.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

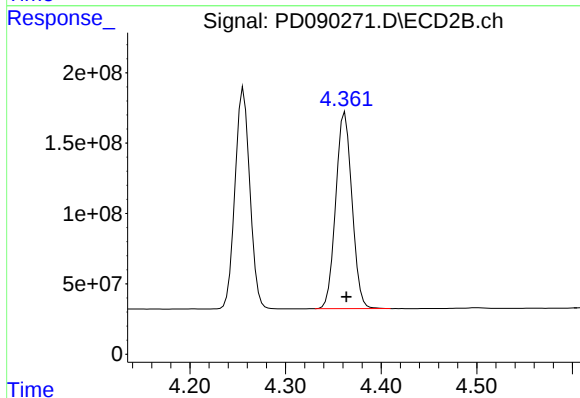
PSTDCCC050

Manual Integrations

APPROVED

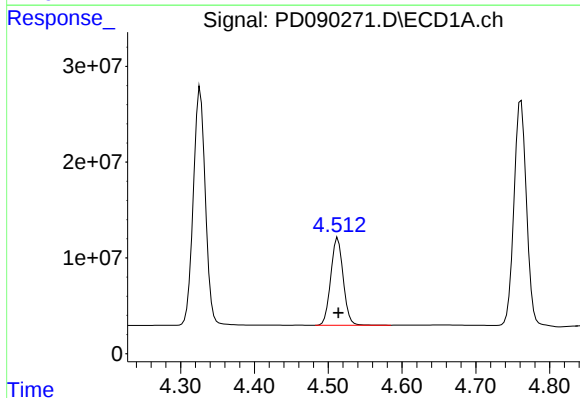
Reviewed By :Abdul Mirza 09/16/2025

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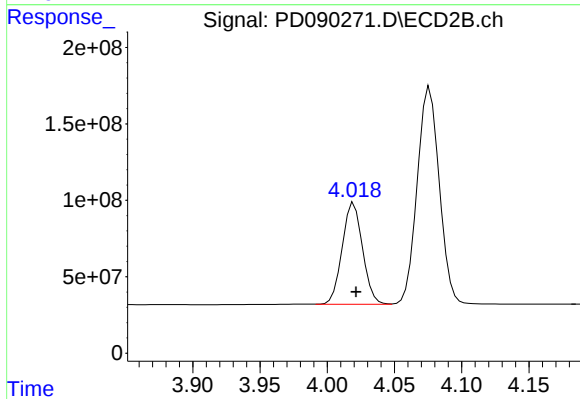
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1643776967
Conc: 53.97 ng/ml



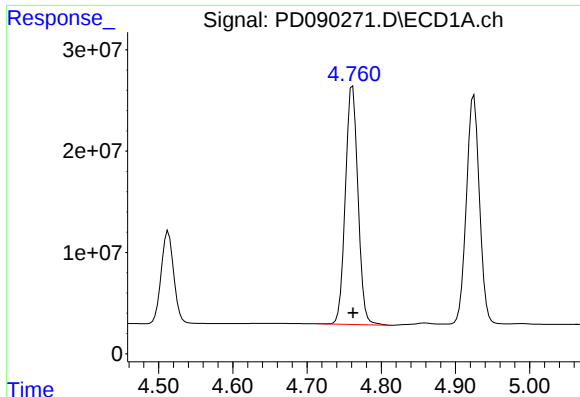
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 107621614
Conc: 47.98 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 697716474
Conc: 52.34 ng/ml m



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 278704739
Conc: 53.83 ng/ml

Instrument :

ECD_D

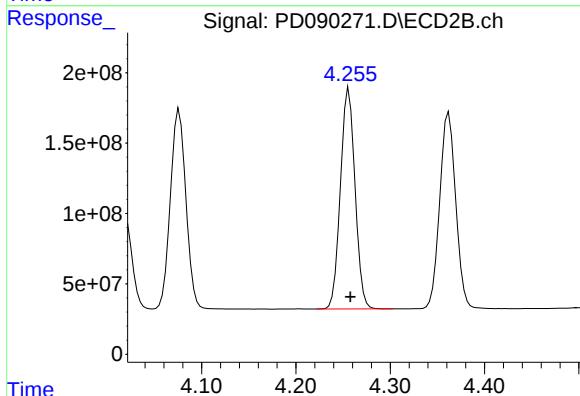
ClientSampleId :

PSTDCCC050

Manual Integrations

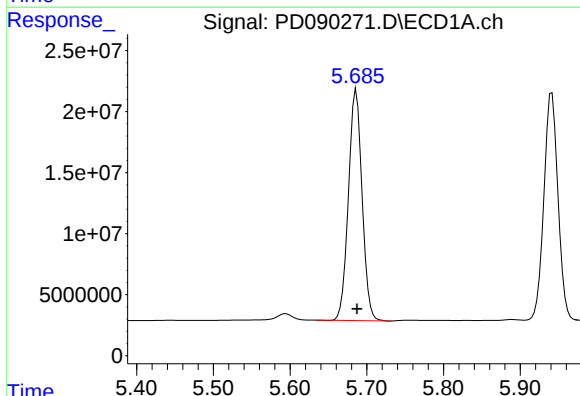
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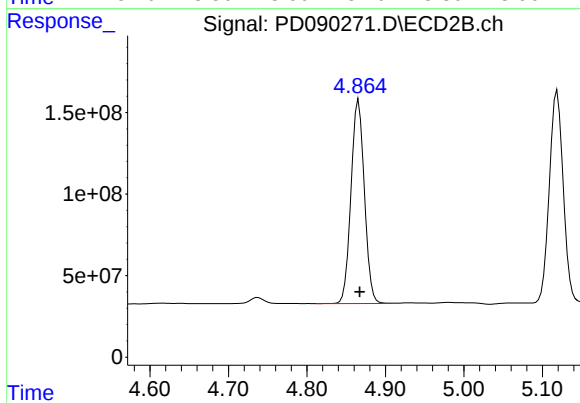
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1687426045
Conc: 53.48 ng/ml



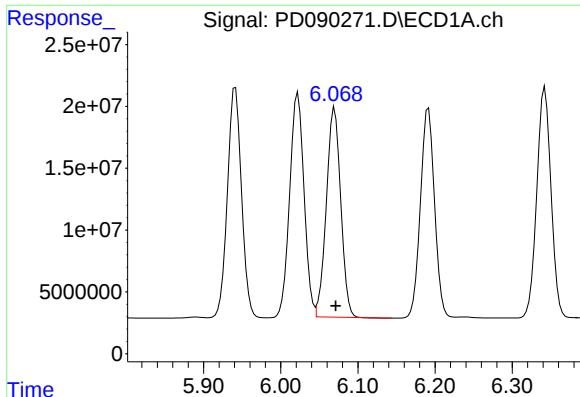
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 235732857
Conc: 48.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 1480649336
Conc: 53.46 ng/ml



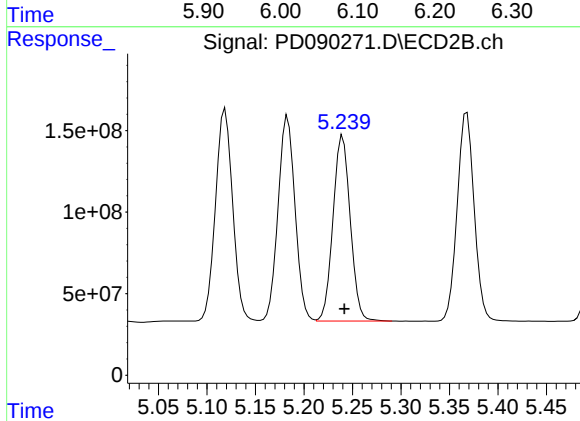
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 220171086
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

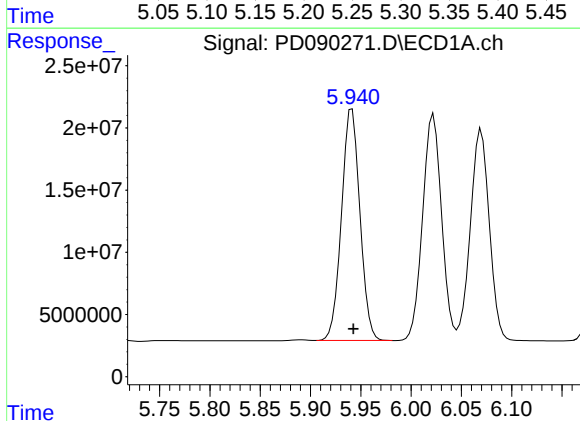
Manual Integrations
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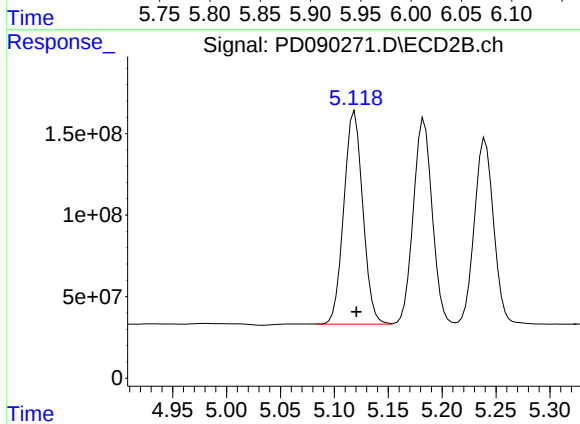
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 1407585525
Conc: 53.68 ng/ml



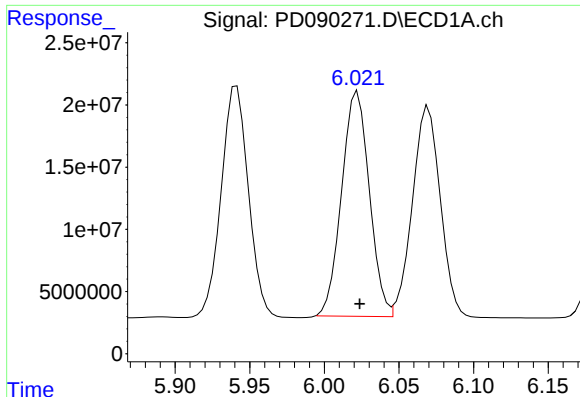
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 236971727
Conc: 48.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 1603383672
Conc: 54.15 ng/ml



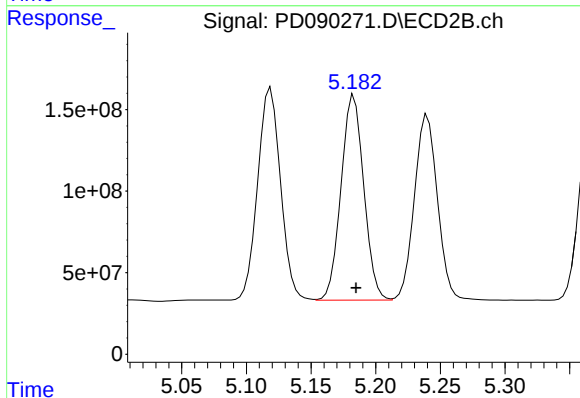
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 234027725
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

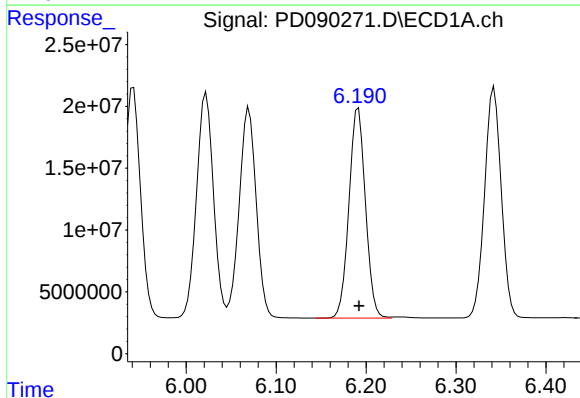
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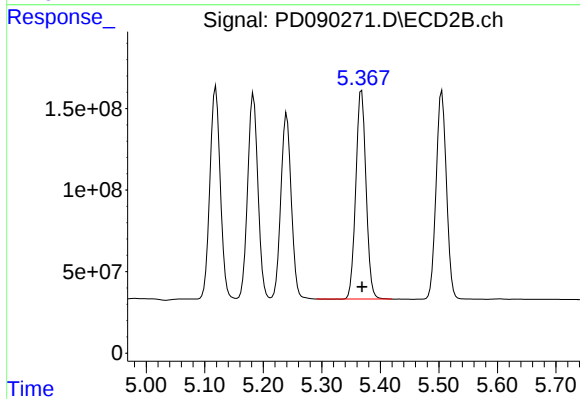
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1535507602
Conc: 53.81 ng/ml



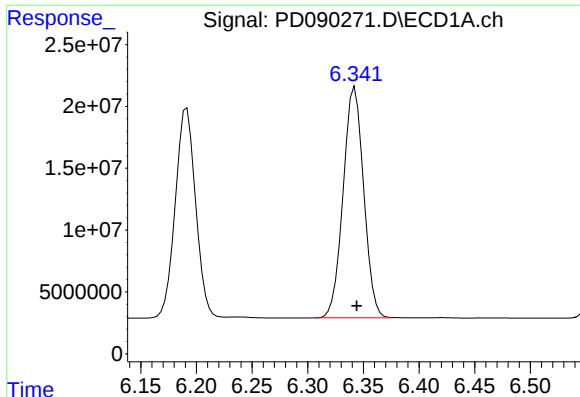
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 215948745
Conc: 49.21 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 1555456613
Conc: 53.97 ng/ml



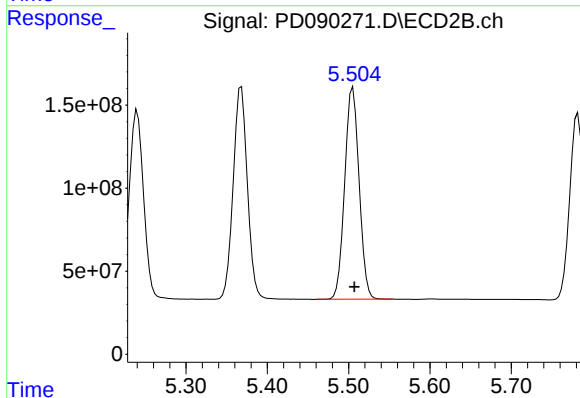
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 239530939
Conc: 48.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

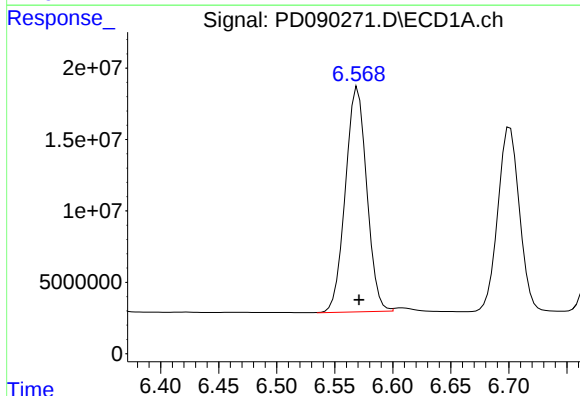
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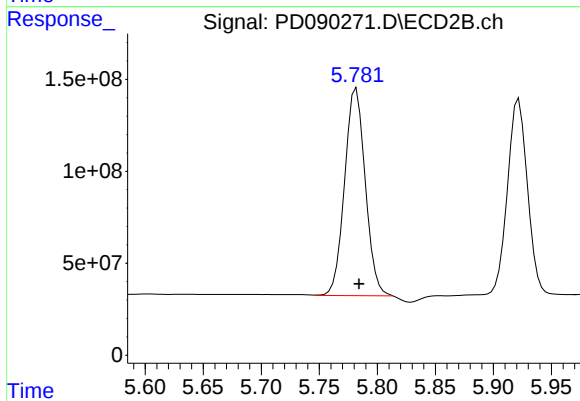
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1565072108
Conc: 53.44 ng/ml



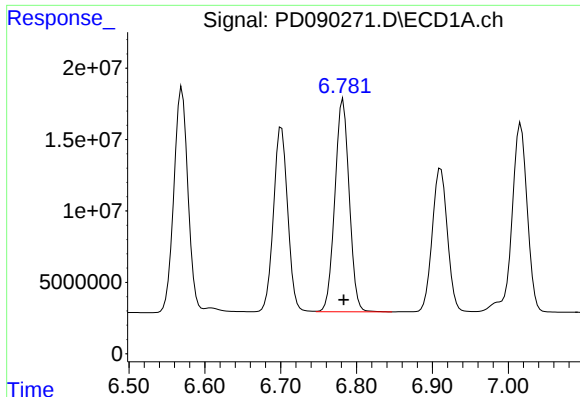
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 201496462
Conc: 48.63 ng/ml m



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 1397671486
Conc: 52.48 ng/ml m



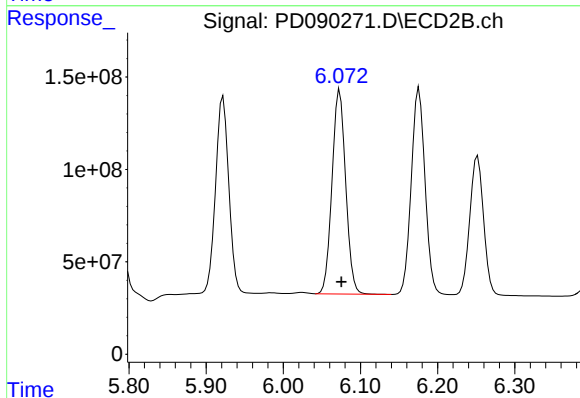
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 195933539
Conc: 46.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

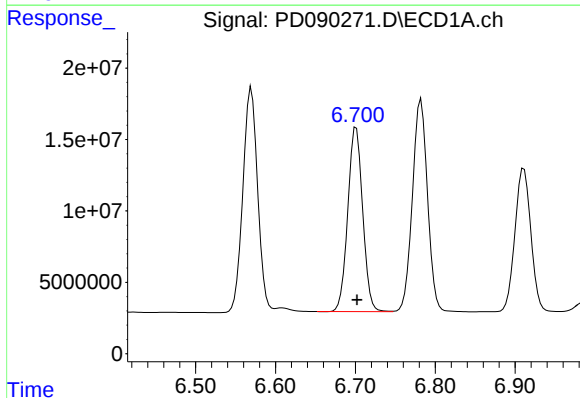
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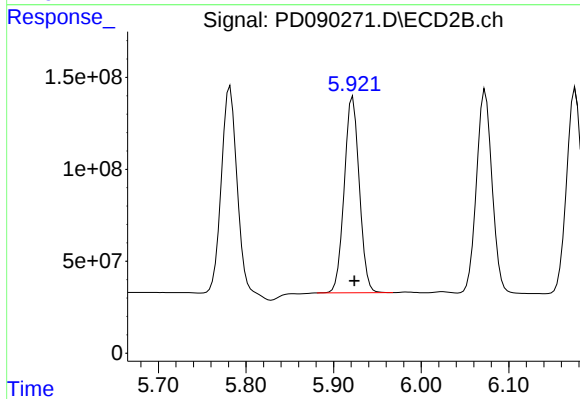
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1366232839
Conc: 54.01 ng/ml



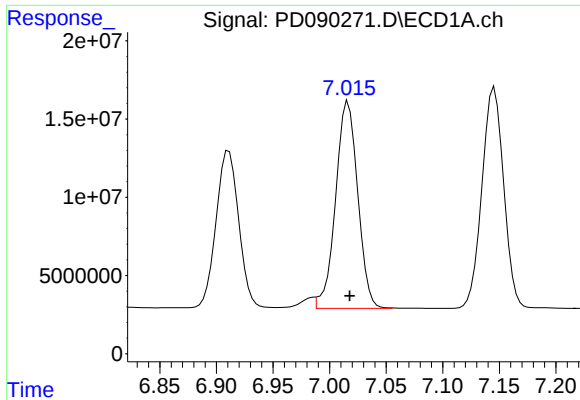
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 167654979
Conc: 48.47 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1275294307
Conc: 53.04 ng/ml



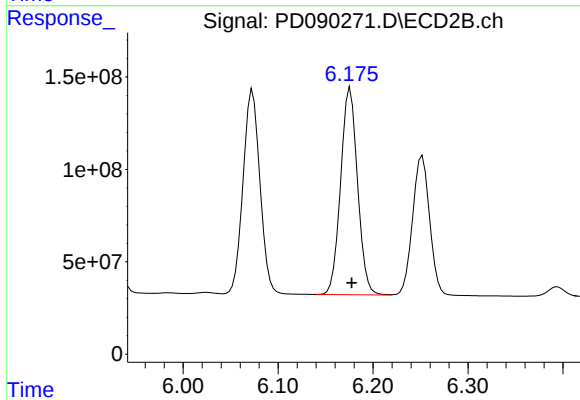
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 179654108
Conc: 47.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

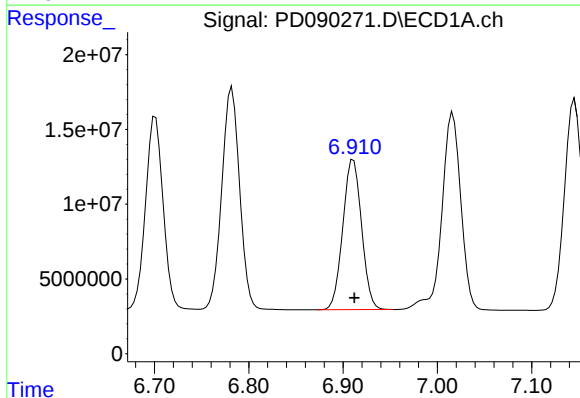
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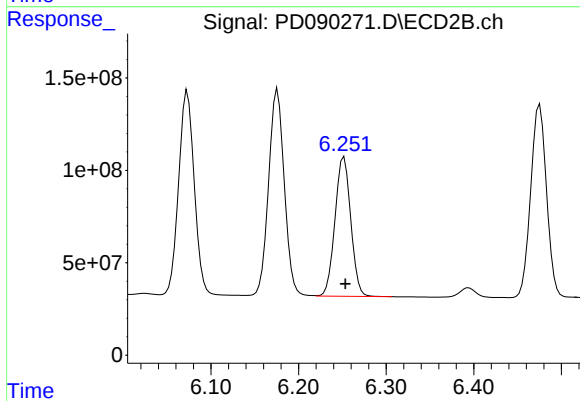
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1388540165
Conc: 55.39 ng/ml



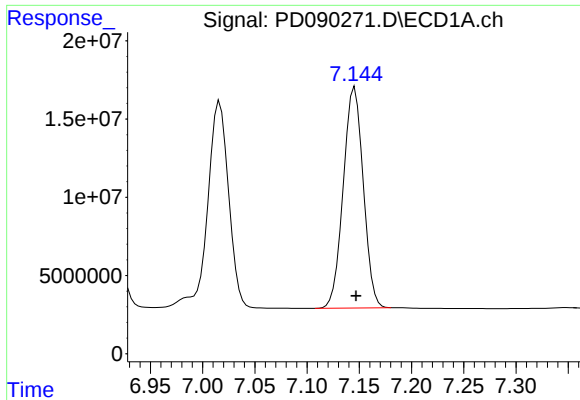
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 138942306
Conc: 48.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 943722650
Conc: 54.80 ng/ml



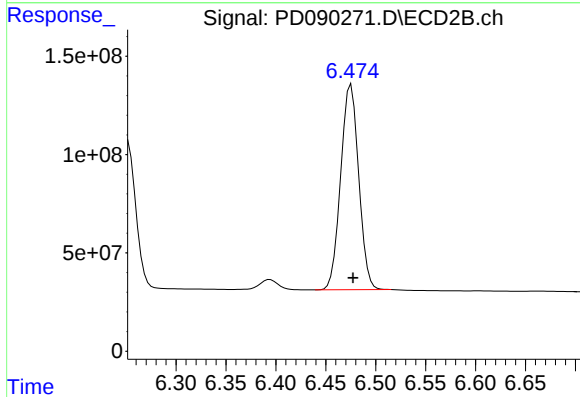
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 188319233
Conc: 48.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

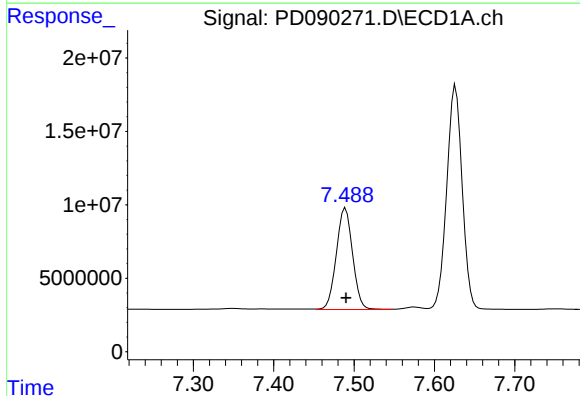
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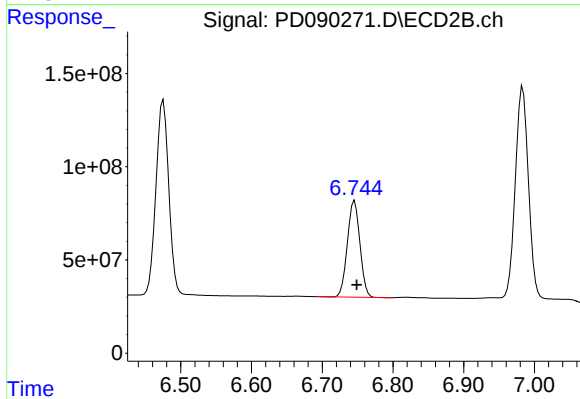
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1310810030
Conc: 53.77 ng/ml



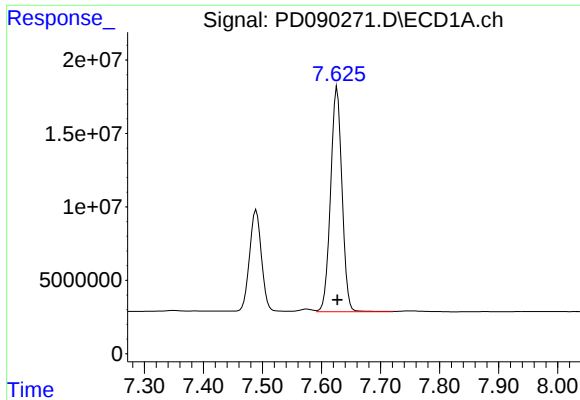
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 97375241
Conc: 48.55 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 638787515
Conc: 49.53 ng/ml



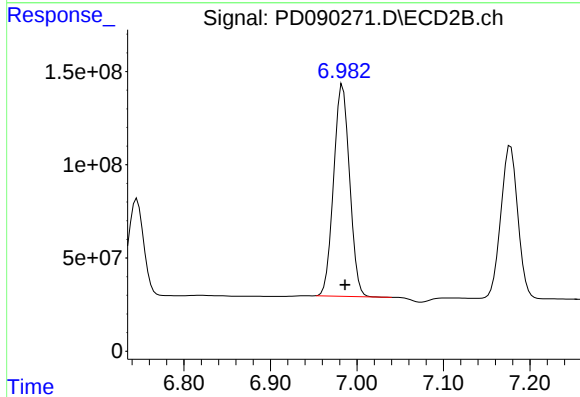
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 205944557
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

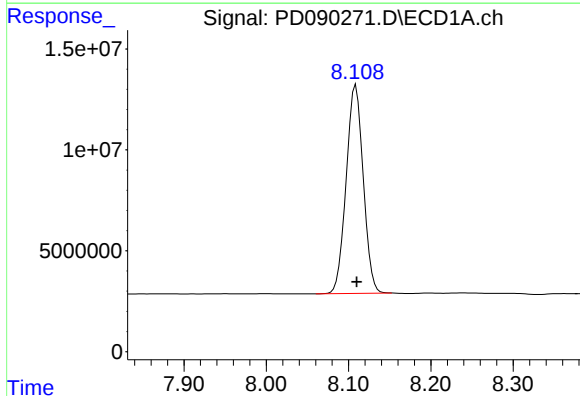
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



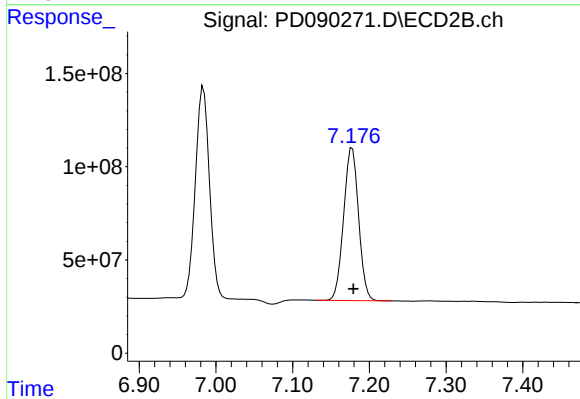
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 1452709846
Conc: 54.52 ng/ml



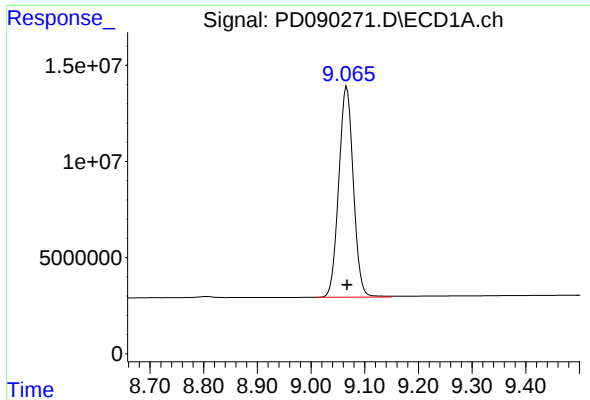
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 148966529
Conc: 47.22 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 1114328823
Conc: 53.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 206693903
Conc: 47.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

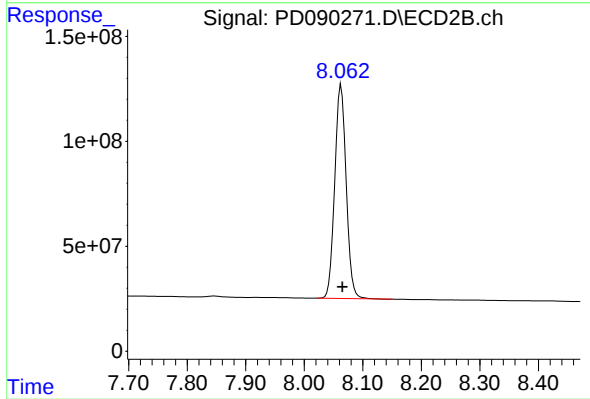
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 1383051932
Conc: 53.43 ng/ml