

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
 Data File : PD090138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 05:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/04/2025
 Supervised By : mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 05:32:53 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...	3.549	2.878	148.0E6	1162.9E6	50.435	52.737
28)	SA Decachlor...	9.071	8.065	227.2E6	1416.4E6	52.637	54.718
Target Compounds							
2)	A alpha-BHC	3.998	3.389	330.7E6	1884.6E6	55.101	55.528
3)	MA gamma-BHC...	4.328	3.726	311.6E6	1732.4E6	54.414m	55.578
4)	MA Heptachlor	4.928	4.078	296.2E6	1671.5E6	52.807	53.588
5)	MB Aldrin	5.269	4.364	295.3E6	1692.1E6	54.529	55.559
6)	B beta-BHC	4.516	4.021	119.3E6	724.0E6	53.193	54.311
7)	B delta-BHC	4.763	4.258	307.6E6	1757.1E6	59.400m	55.693
8)	B Heptachlo...	5.689	4.867	261.3E6	1520.1E6	53.256	54.886
9)	A Endosulfan I	6.073	5.242	246.4E6	1305.7E6	53.401	49.793
10)	B gamma-Chl...	5.945	5.120	265.4E6	1640.2E6	54.253	55.392
11)	B alpha-Chl...	6.025	5.185	263.4E6	1564.5E6	53.500	54.821
12)	B 4,4'-DDE	6.195	5.369	231.8E6	1589.2E6	52.817	55.136
13)	MA Dieldrin	6.345	5.507	264.5E6	1632.0E6	54.027	55.723
14)	MA Endrin	6.573	5.785	219.4E6	1566.3E6	52.940	58.811
15)	B Endosulfa...	6.785	6.075	226.7E6	1396.7E6	53.726	55.217
16)	A 4,4'-DDD	6.704	5.924	202.1E6	1363.5E6	58.426	56.708
17)	MA 4,4'-DDT	7.020	6.178	186.0E6	1306.7E6	48.813	52.123
18)	B Endrin al...	6.914	6.253	158.4E6	1008.0E6	55.246	58.537
19)	B Endosulfa...	7.149	6.477	204.2E6	1318.3E6	52.107	54.076
20)	A Methoxychlor	7.492	6.748	107.5E6	745.5E6	53.615	57.809
21)	B Endrin ke...	7.629	6.986	219.8E6	1478.5E6	53.045	55.488
22)	Mirex	8.112	7.179	154.9E6	1084.0E6	49.091	52.478

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
Data File : PD090138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 05:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

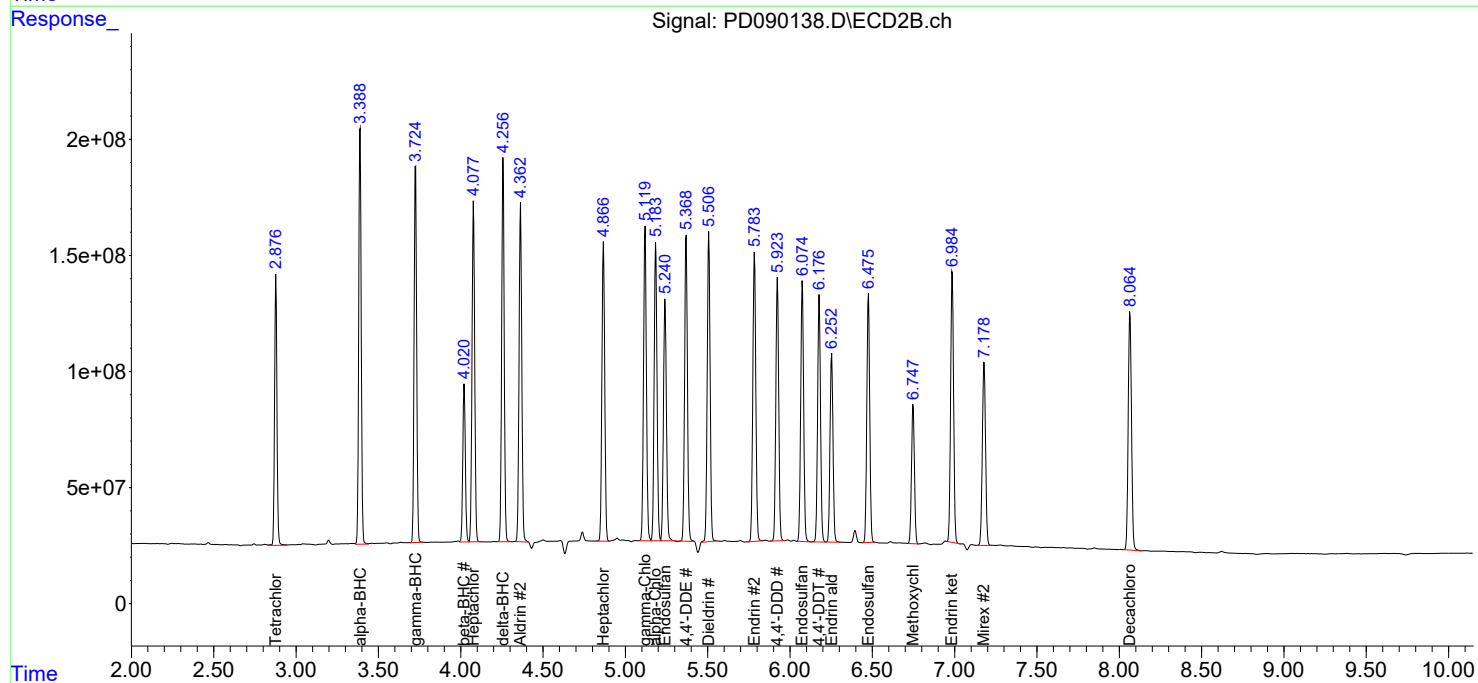
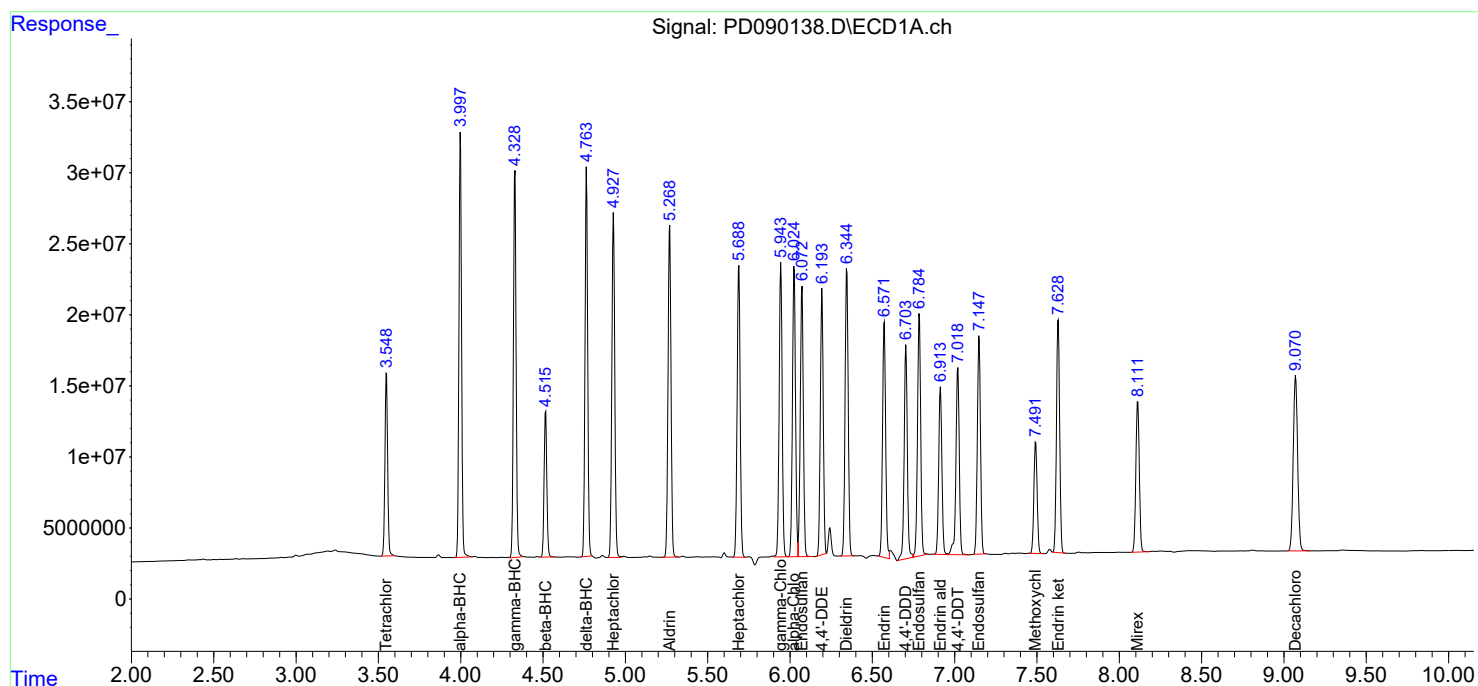
APPROVED

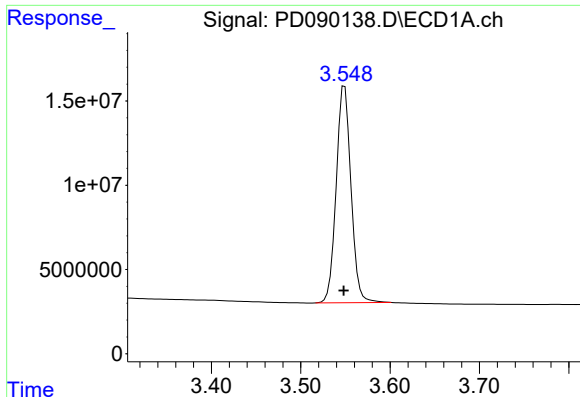
Reviewed By :Abdul Mirza 09/04/2025

Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 05:32:53 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





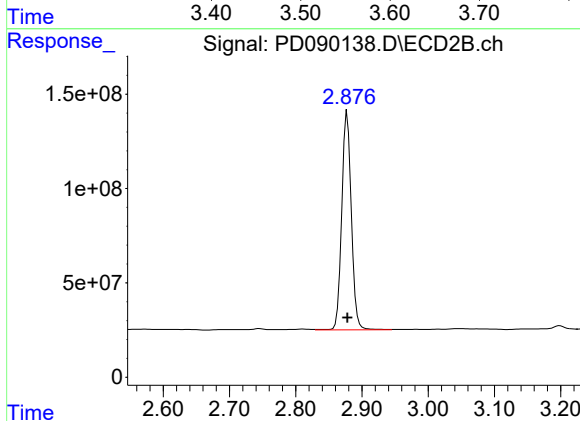
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.001 min
Response: 148019703
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

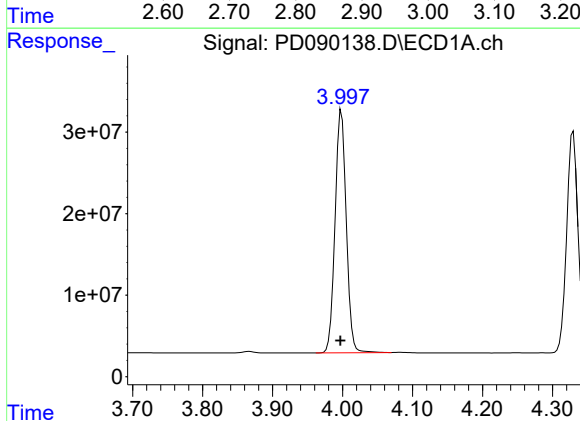
Manual Integrations
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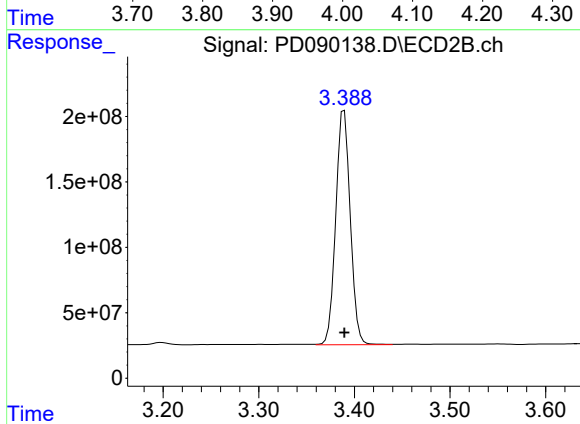
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 1162887357
Conc: 52.74 ng/ml



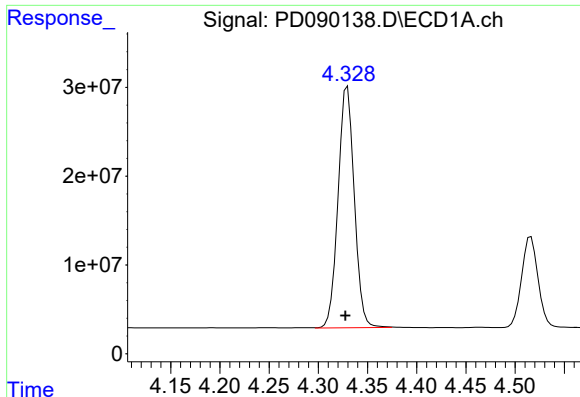
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 330729917
Conc: 55.10 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1884551305
Conc: 55.53 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 311622794
Conc: 54.41 ng/ml

Instrument :

ECD_D

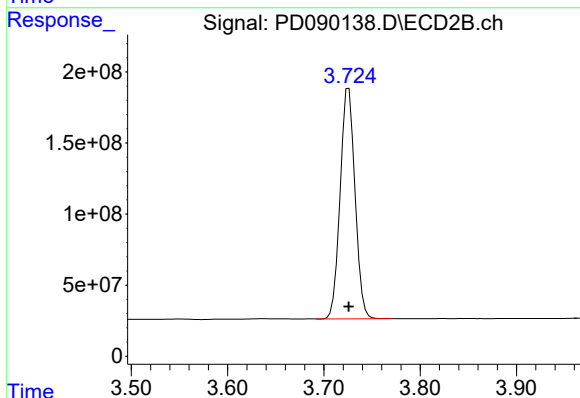
ClientSampleId :

PSTDCCC050

Manual Integrations

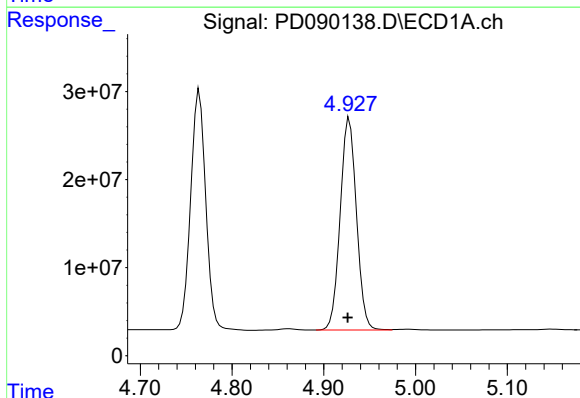
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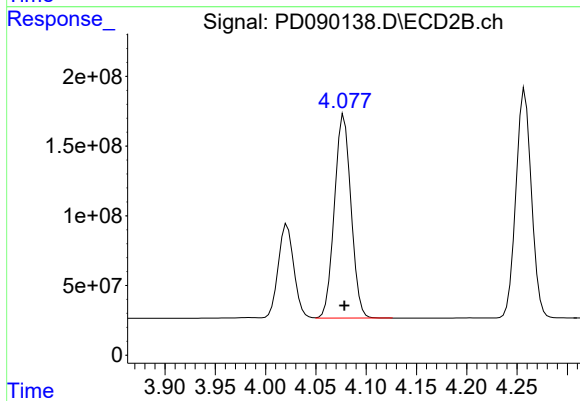
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1732402959
Conc: 55.58 ng/ml



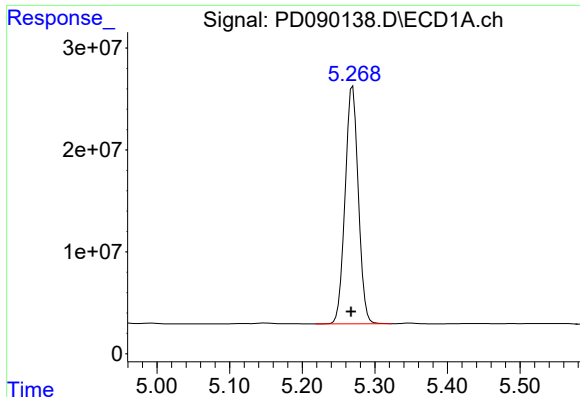
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 296205901
Conc: 52.81 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1671494760
Conc: 53.59 ng/ml



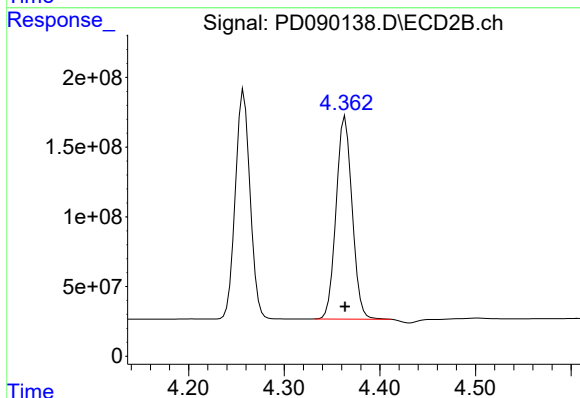
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 295250747
Conc: 54.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

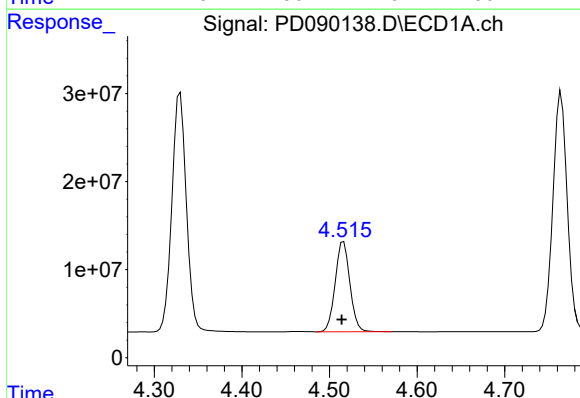
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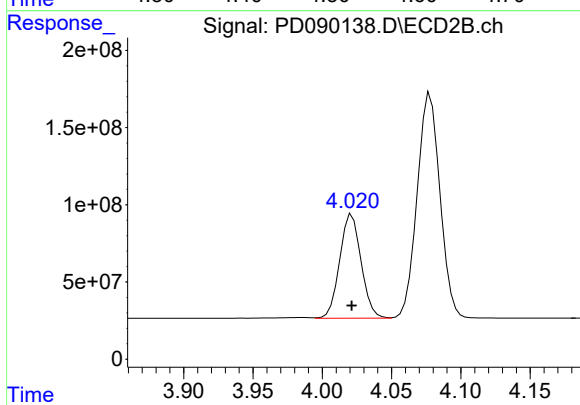
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1692101280
Conc: 55.56 ng/ml



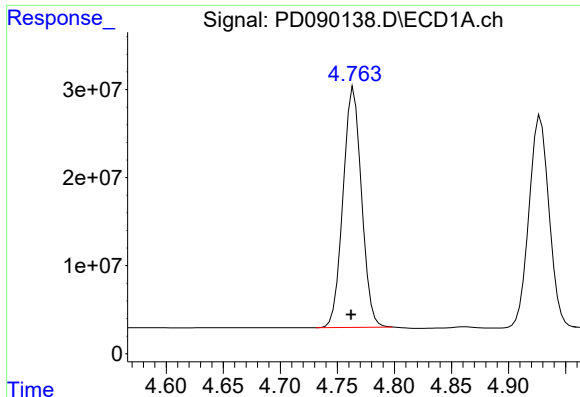
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 119312955
Conc: 53.19 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 723972041
Conc: 54.31 ng/ml



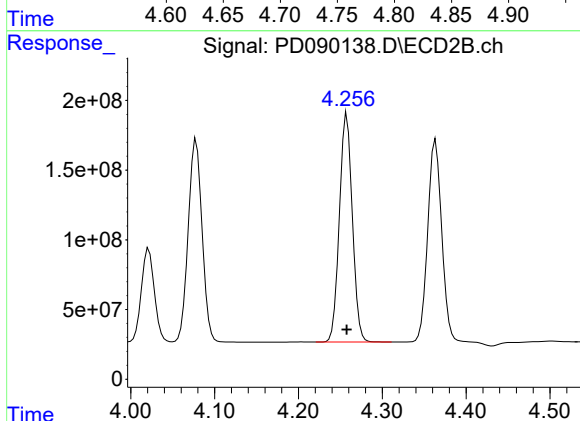
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 307556803
Conc: 59.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

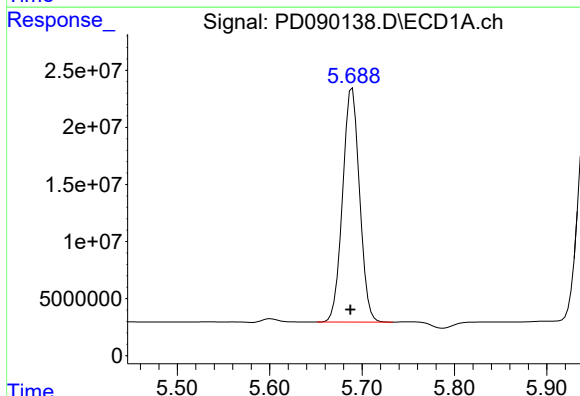
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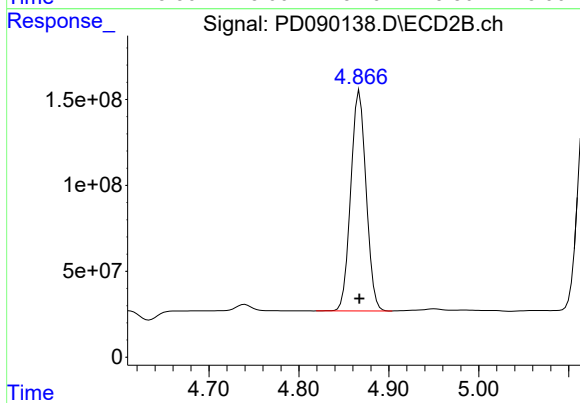
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1757095164
Conc: 55.69 ng/ml



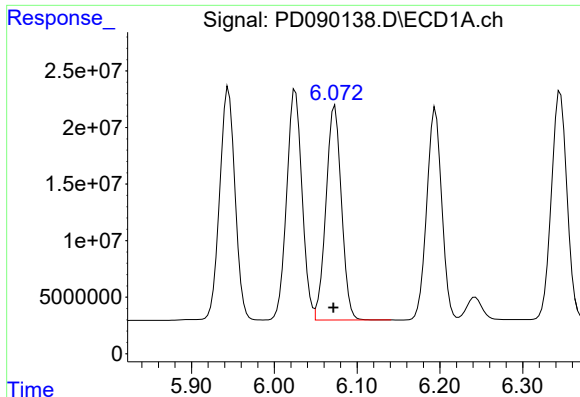
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 261314391
Conc: 53.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1520063592
Conc: 54.89 ng/ml



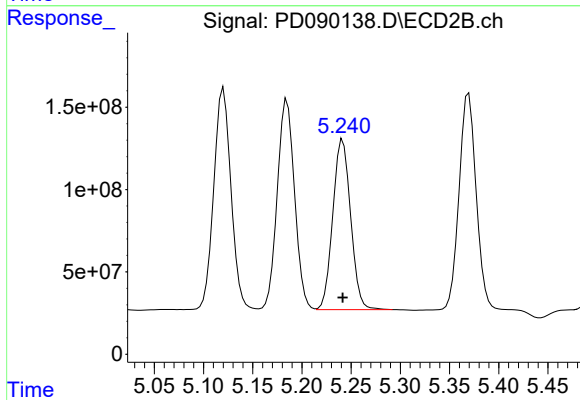
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 246437946
Conc: 53.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

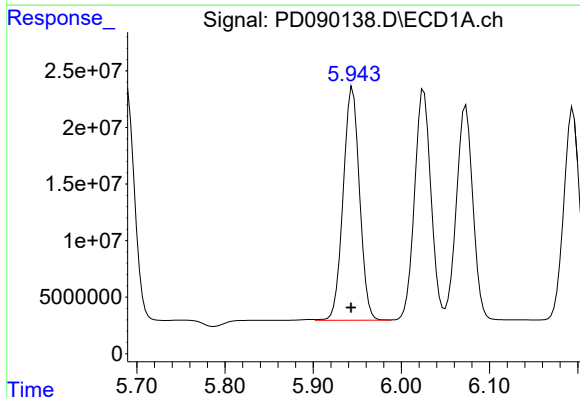
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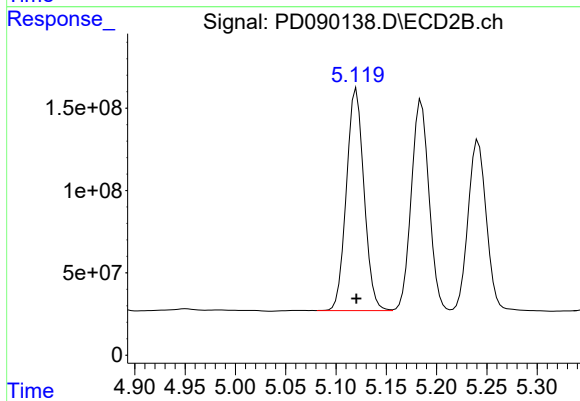
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1305659549
Conc: 49.79 ng/ml



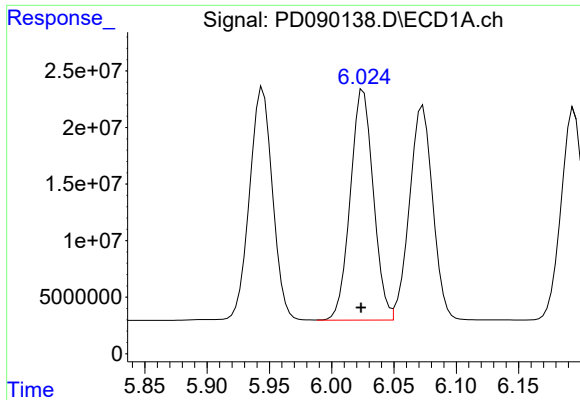
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.002 min
Response: 265352349
Conc: 54.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1640238049
Conc: 55.39 ng/ml



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 263351057
Conc: 53.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

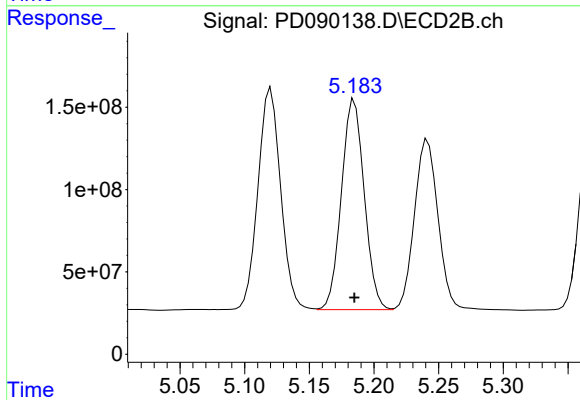
PSTDCCC050

Manual Integrations

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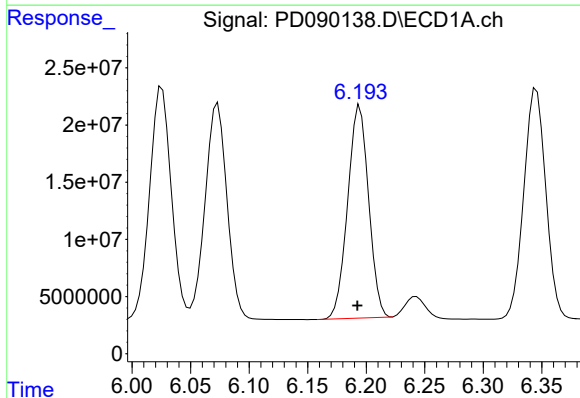
Reviewed By :Abdul Mirza 09/04/2025

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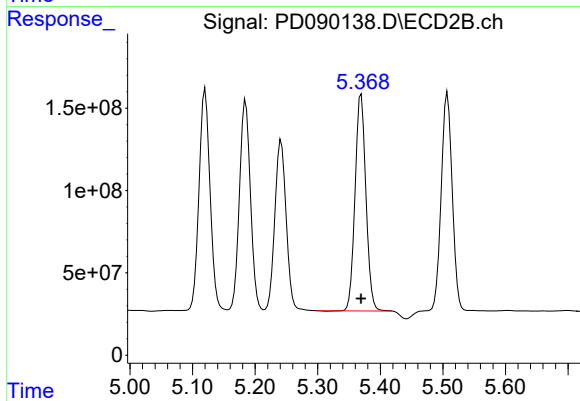
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1564478096
Conc: 54.82 ng/ml



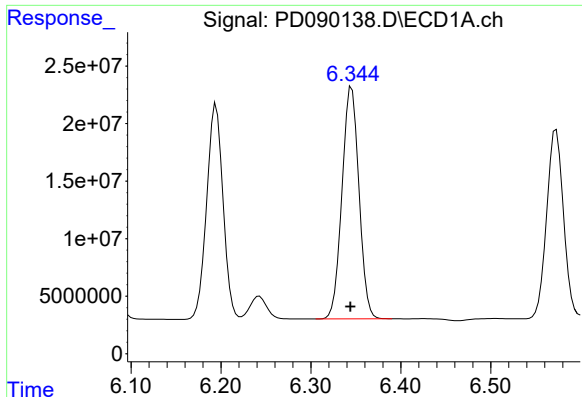
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 231775880
Conc: 52.82 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1589170371
Conc: 55.14 ng/ml



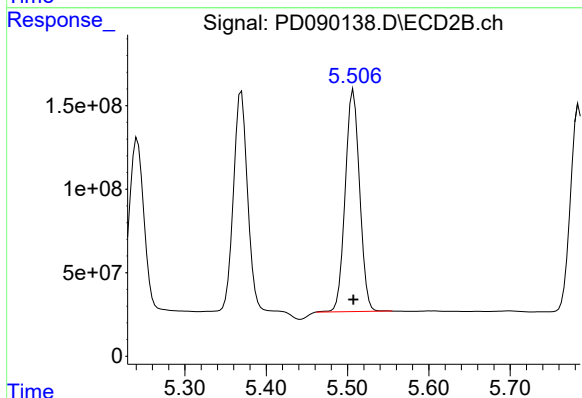
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 264503630
Conc: 54.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

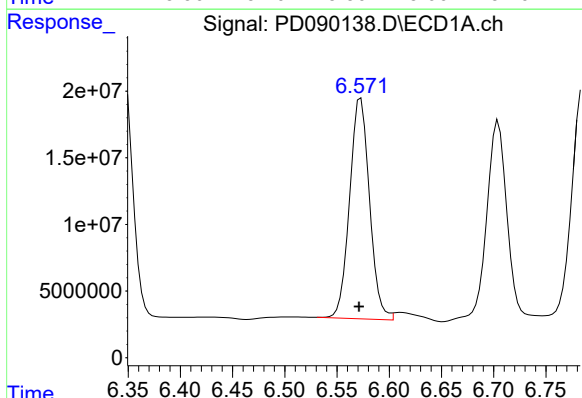
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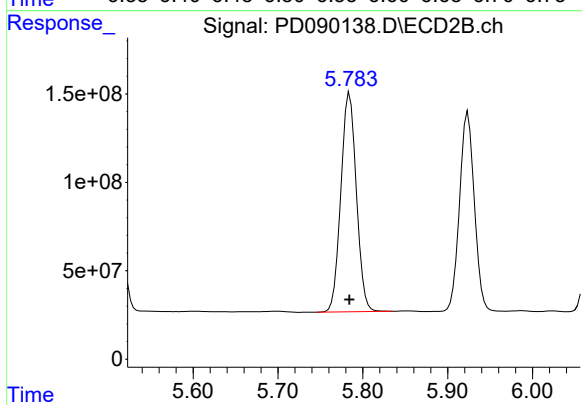
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1631974029
Conc: 55.72 ng/ml



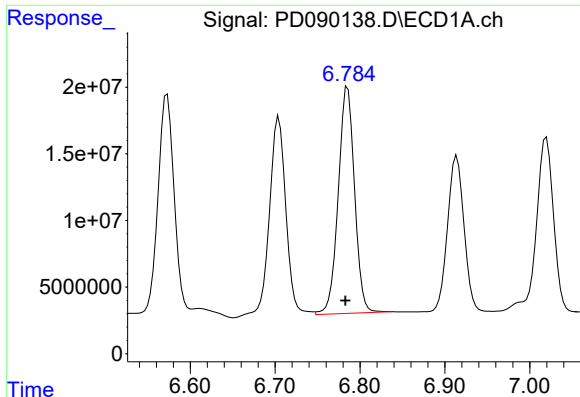
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 219360549
Conc: 52.94 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1566260219
Conc: 58.81 ng/ml



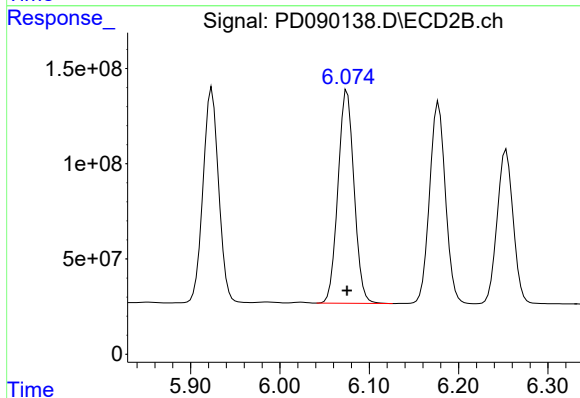
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 226710865
Conc: 53.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

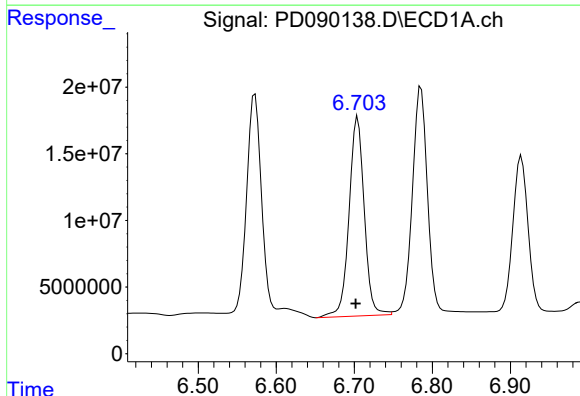
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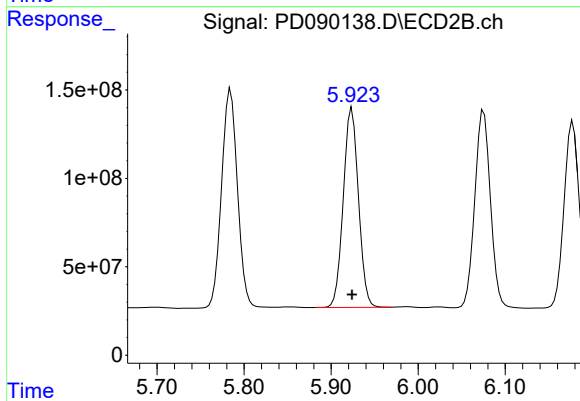
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1396703496
Conc: 55.22 ng/ml



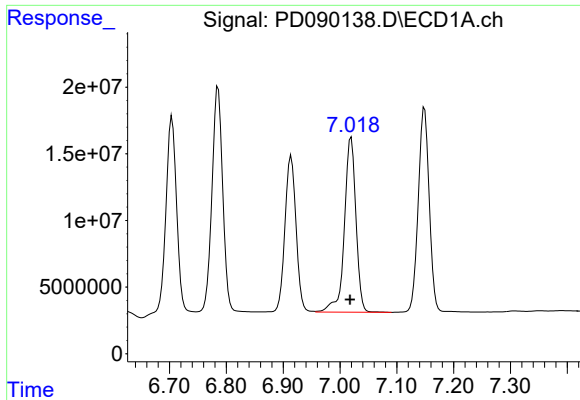
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 202102687
Conc: 58.43 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1363469036
Conc: 56.71 ng/ml



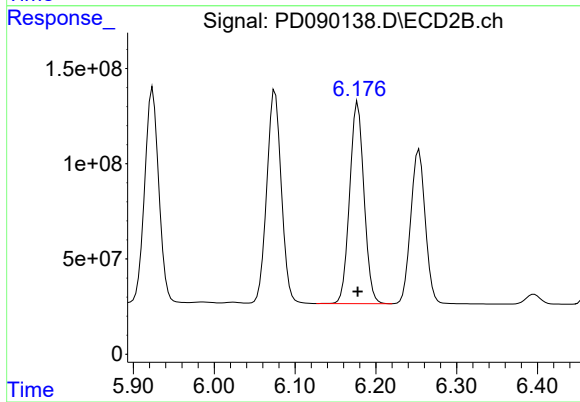
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 185963098
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

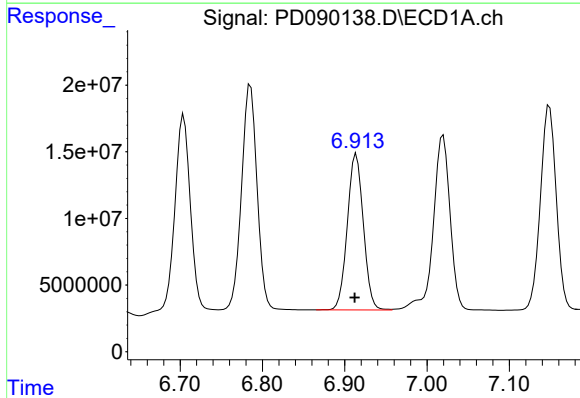
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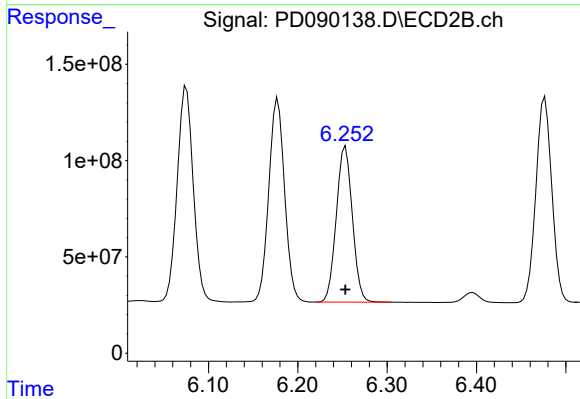
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1306711229
Conc: 52.12 ng/ml



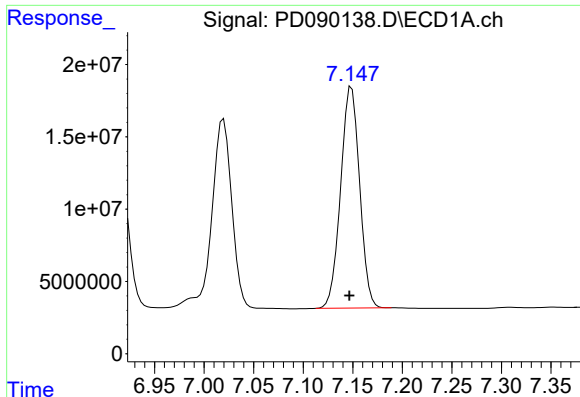
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 158400049
Conc: 55.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1008001338
Conc: 58.54 ng/ml



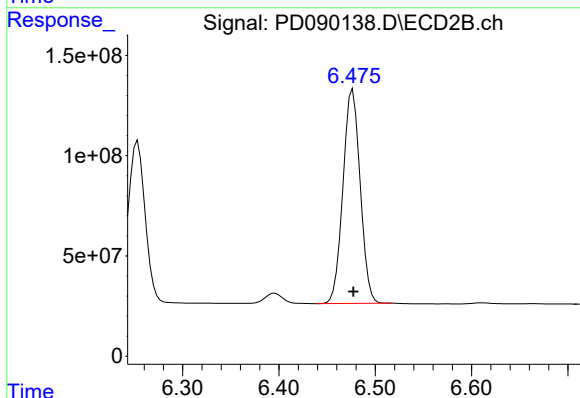
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 204182997
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

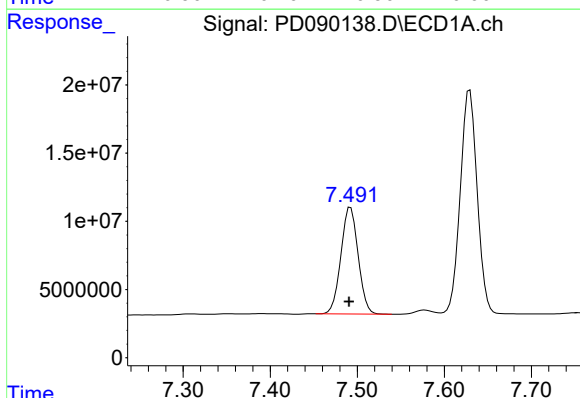
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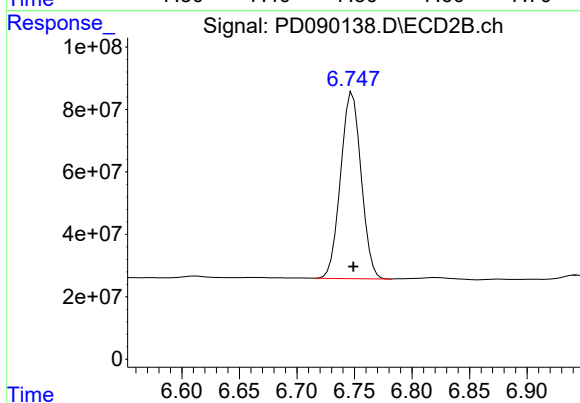
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1318343287
Conc: 54.08 ng/ml



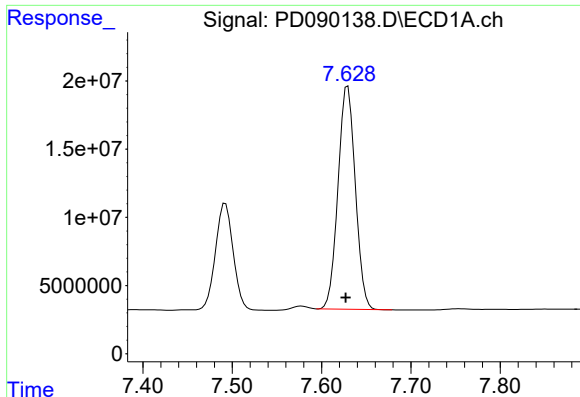
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 107531831
Conc: 53.62 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 745491784
Conc: 57.81 ng/ml



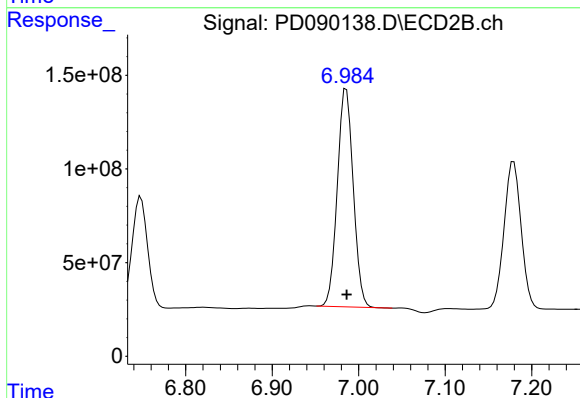
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 219846643
Conc: 53.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

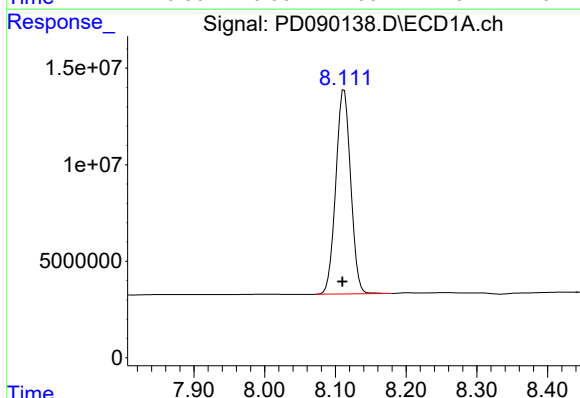
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/04/2025
Supervised By :mohammad ahmed 09/05/2025



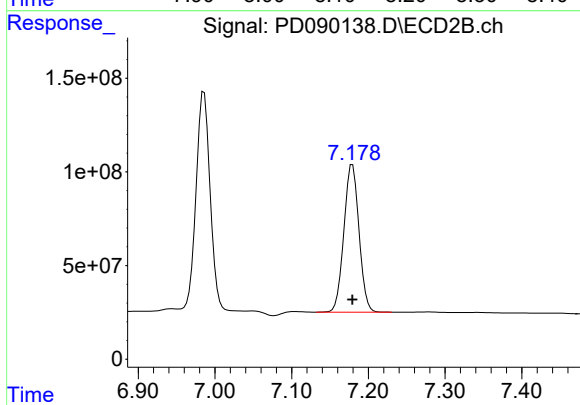
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1478450549
Conc: 55.49 ng/ml



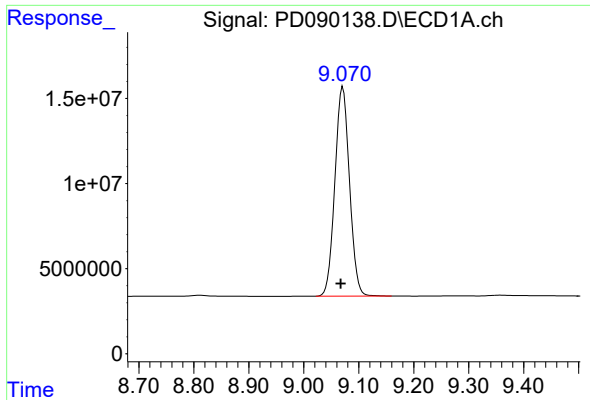
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.003 min
Response: 154854750
Conc: 49.09 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 1083979637
Conc: 52.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 227176323
Conc: 52.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

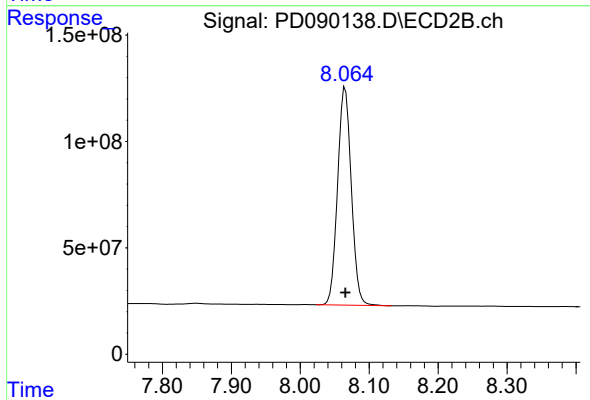
PSTDCCC050

Manual Integrations

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Supervised By :mohammad ahmed 09/05/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1416429028
Conc: 54.72 ng/ml