

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
 Data File : PD090239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 10:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 06:29:02 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...	3.547	2.876	145.7E6	1194.6E6	49.647	54.176
28)	SA Decachlor...	9.066	8.063	210.1E6	1415.3E6	48.685m	54.675
Target Compounds							
2)	A alpha-BHC	3.996	3.388	314.8E6	1928.3E6	52.454	56.816
3)	MA gamma-BHC...	4.326	3.724	294.5E6	1790.1E6	51.420m	57.429
4)	MA Heptachlor	4.925	4.077	296.0E6	1777.2E6	52.779	56.976
5)	MB Aldrin	5.265	4.363	279.8E6	1749.2E6	51.668m	57.435
6)	B beta-BHC	4.514	4.020	112.5E6	754.9E6	50.135	56.631
7)	B delta-BHC	4.762	4.257	288.4E6	1808.6E6	55.692	57.324
8)	B Heptachlo...	5.687	4.867	247.9E6	1579.7E6	50.514	57.038
9)	A Endosulfan I	6.071	5.241	229.5E6	1489.3E6	49.726	56.796
10)	B gamma-Chl...	5.942	5.118	247.5E6	1705.9E6	50.598	57.611m
11)	B alpha-Chl...	6.021	5.184	247.5E6	1637.3E6	50.287m	57.373
12)	B 4,4'-DDE	6.192	5.369	225.5E6	1662.6E6	51.379	57.683
13)	MA Dieldrin	6.342	5.506	252.7E6	1688.4E6	51.613m	57.648
14)	MA Endrin	6.569	5.783	214.5E6	1575.4E6	51.765m	59.154
15)	B Endosulfa...	6.783	6.074	209.0E6	1452.3E6	49.528	57.414
16)	A 4,4'-DDD	6.703	5.923	177.2E6	1389.1E6	51.233	57.776
17)	MA 4,4'-DDT	7.017	6.176	190.5E6	1501.0E6	49.992m	59.872
18)	B Endrin al...	6.912	6.252	146.9E6	1014.4E6	51.230	58.907
19)	B Endosulfa...	7.145	6.476	198.3E6	1396.7E6	50.604m	57.292
20)	A Methoxychlor	7.490	6.747	103.7E6	740.0E6	51.698	57.385
21)	B Endrin ke...	7.627	6.985	213.9E6	1530.1E6	51.614	57.427
22)	Mirex	8.109	7.177	154.9E6	1171.1E6	49.089	56.695

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 10:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

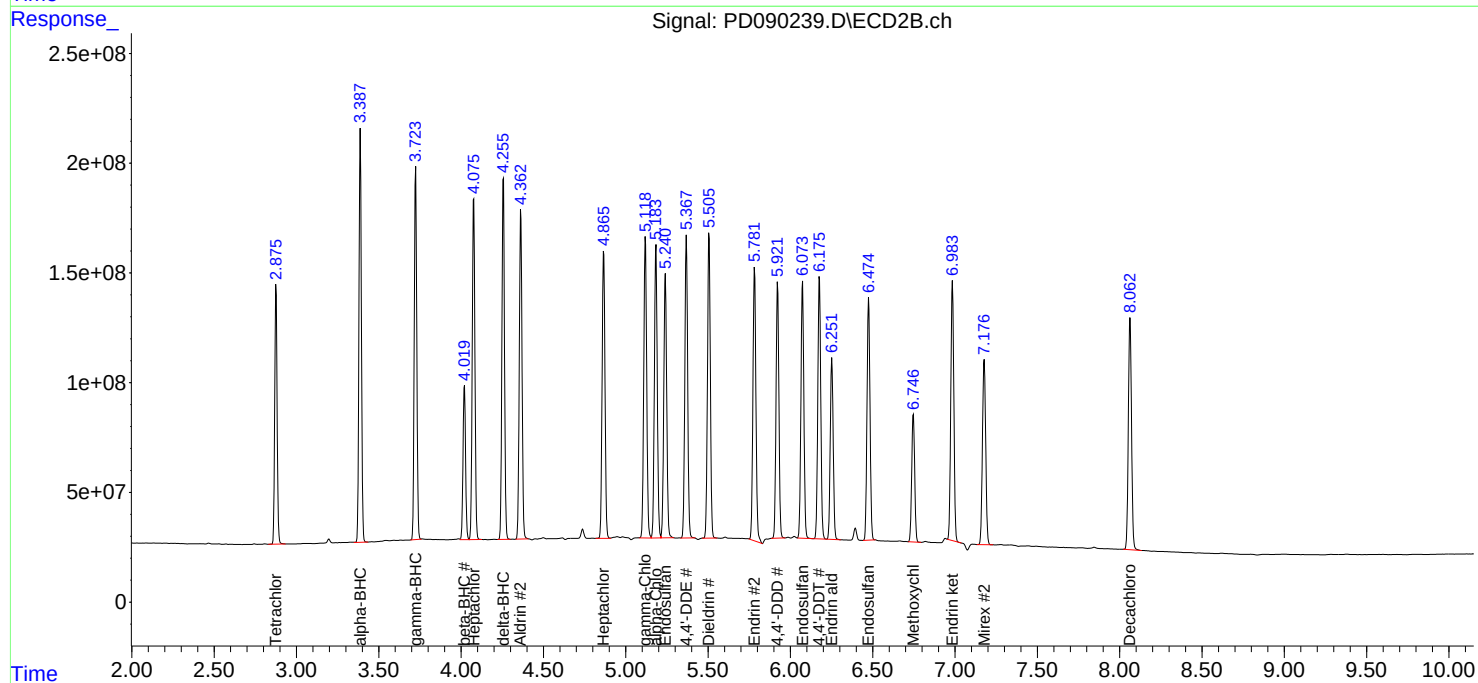
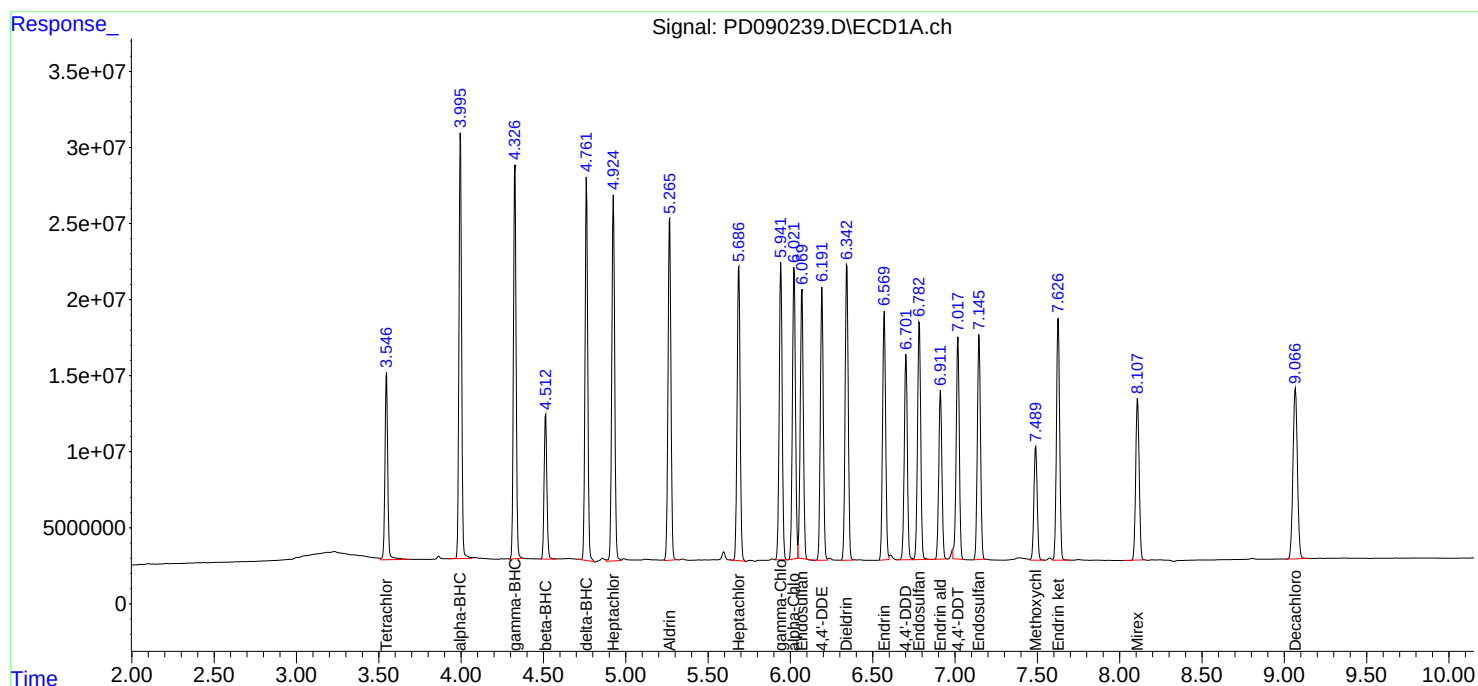
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

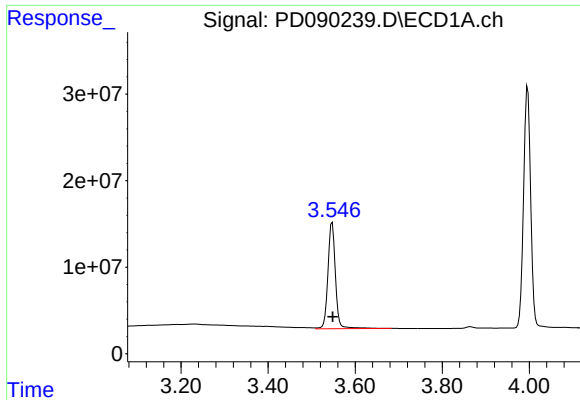
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:29:02 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





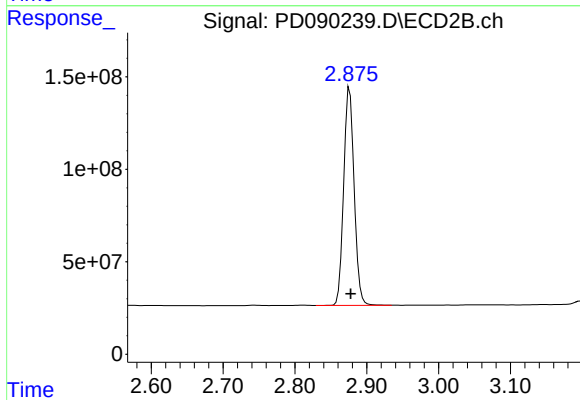
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 145706614
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

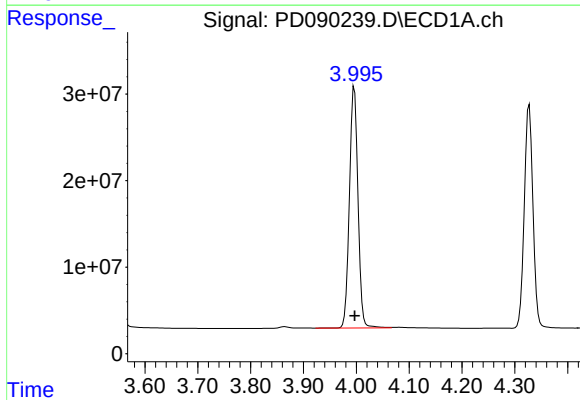
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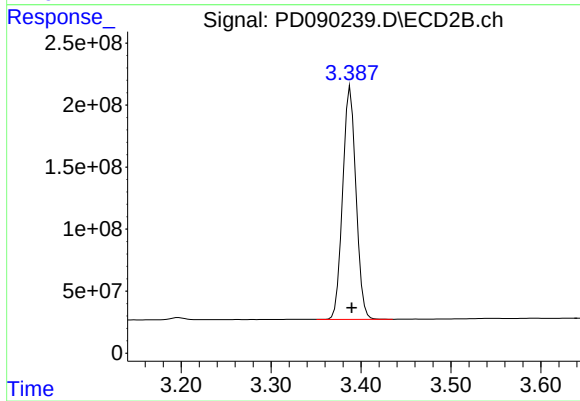
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1194619368
Conc: 54.18 ng/ml



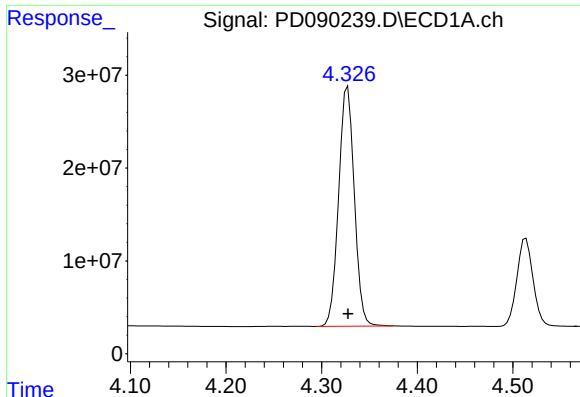
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 314843775
Conc: 52.45 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1928254455
Conc: 56.82 ng/ml



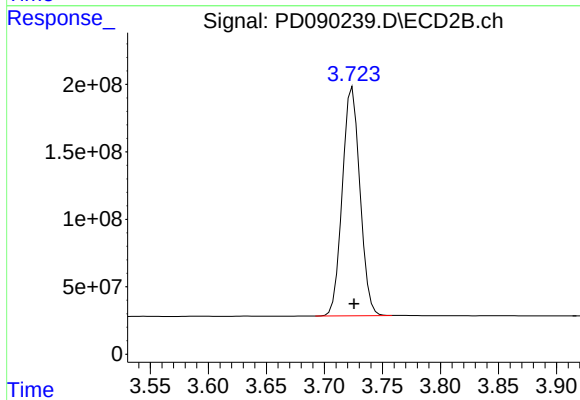
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 294471590
Conc: 51.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

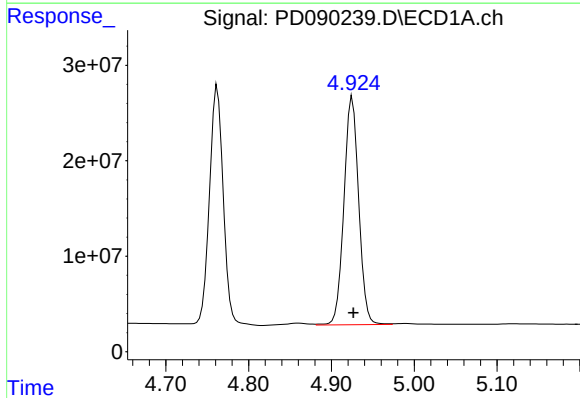
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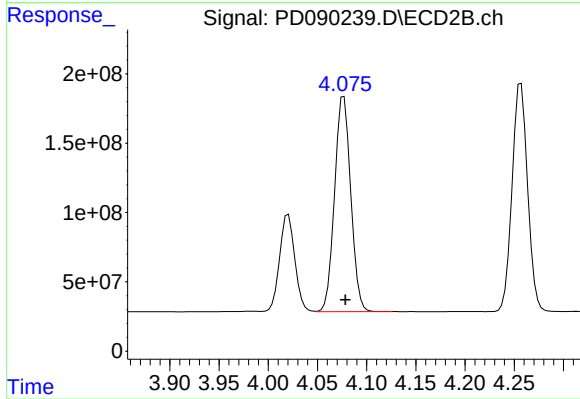
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1790099631
Conc: 57.43 ng/ml



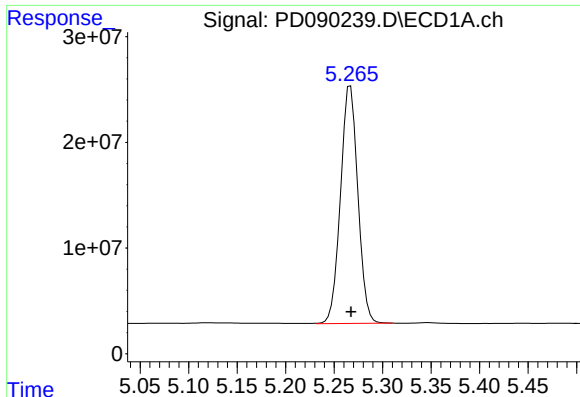
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 296049400
Conc: 52.78 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 1777174595
Conc: 56.98 ng/ml



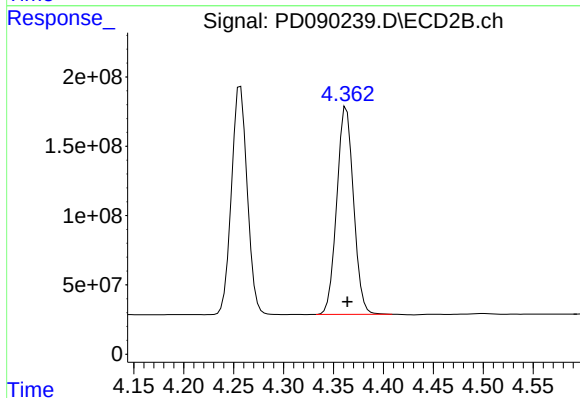
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 279755648
Conc: 51.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

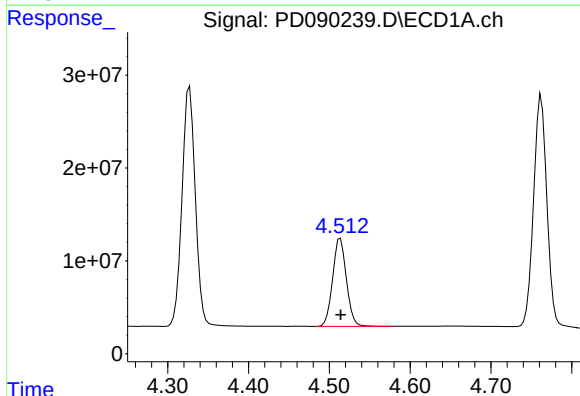
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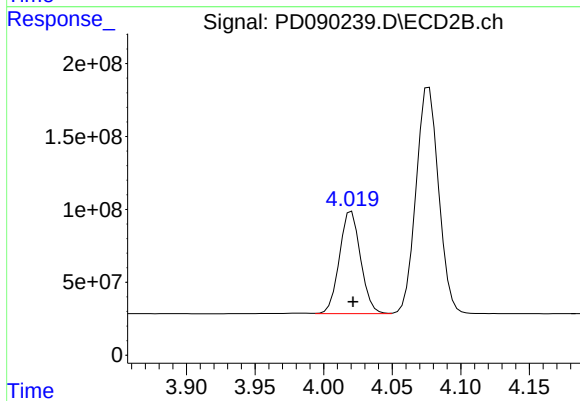
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1749217600
Conc: 57.43 ng/ml



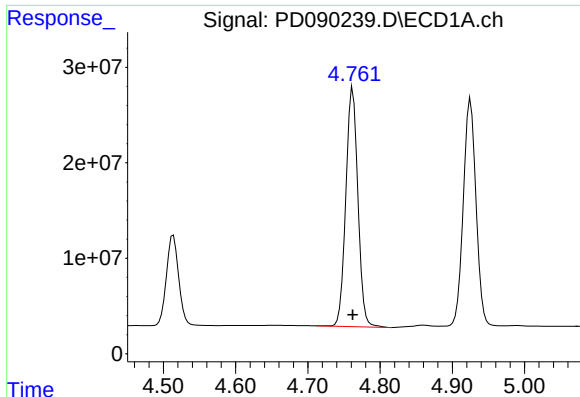
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 112454159
Conc: 50.14 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 754905072
Conc: 56.63 ng/ml



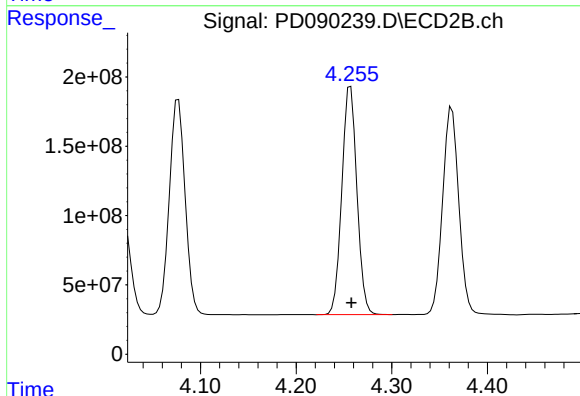
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 288354501
Conc: 55.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

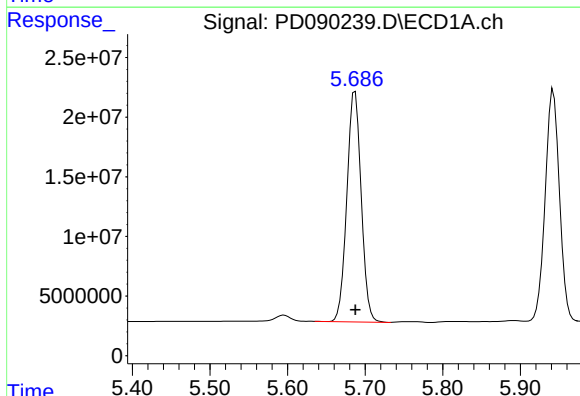
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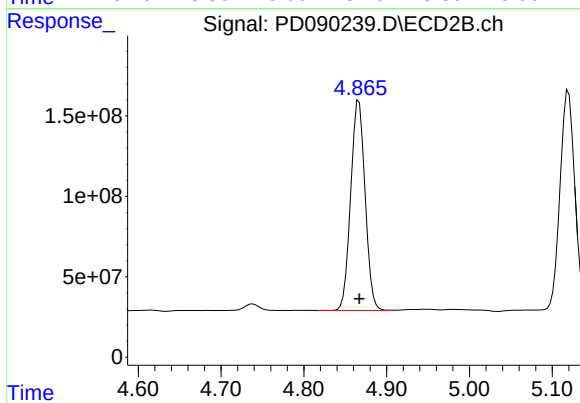
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1808564790
Conc: 57.32 ng/ml



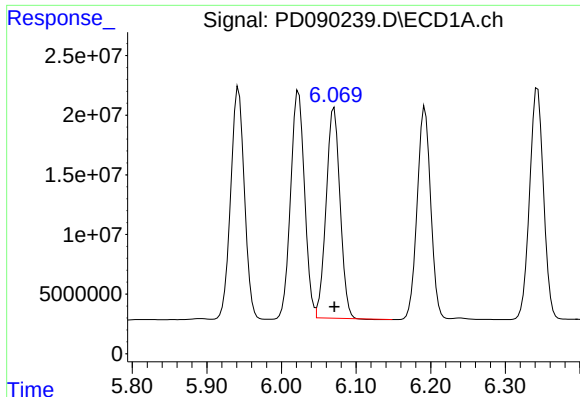
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 247861094
Conc: 50.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1579657076
Conc: 57.04 ng/ml



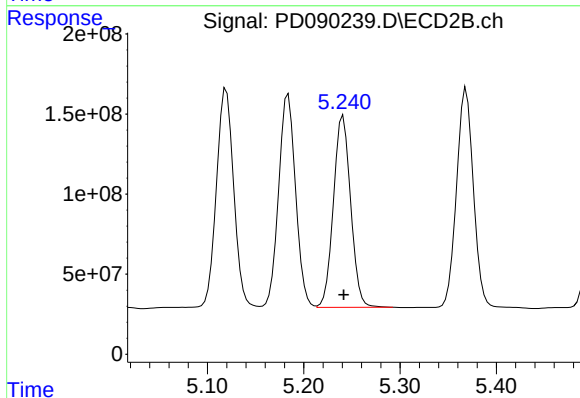
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 229477827
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

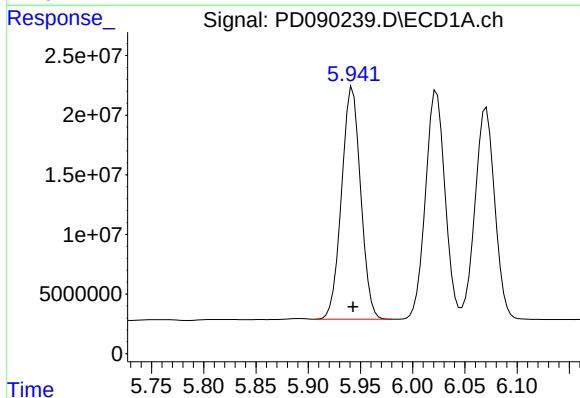
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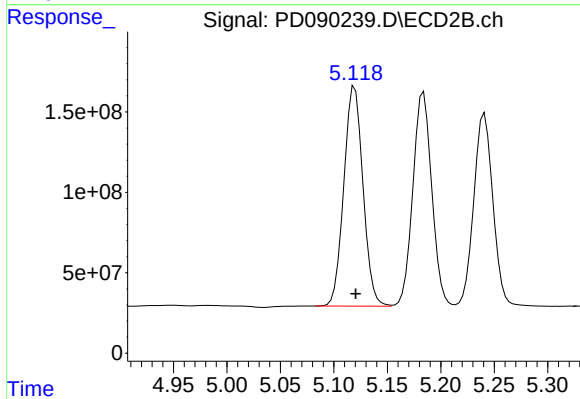
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1489282838
Conc: 56.80 ng/ml



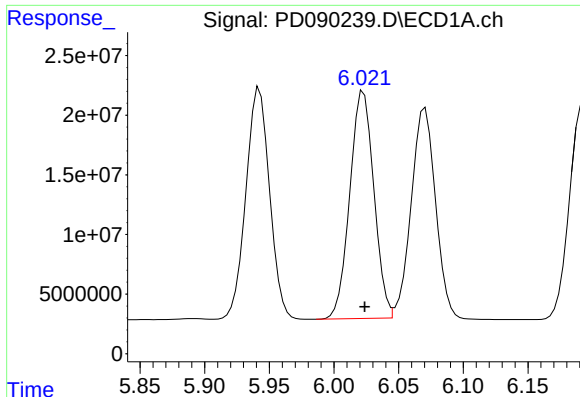
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 247472494
Conc: 50.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1705937550
Conc: 57.61 ng/ml m



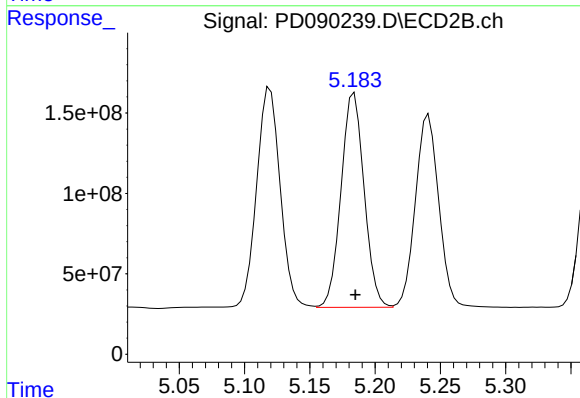
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 247533827
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

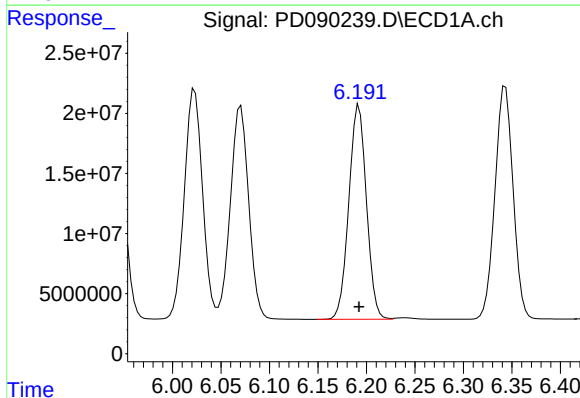
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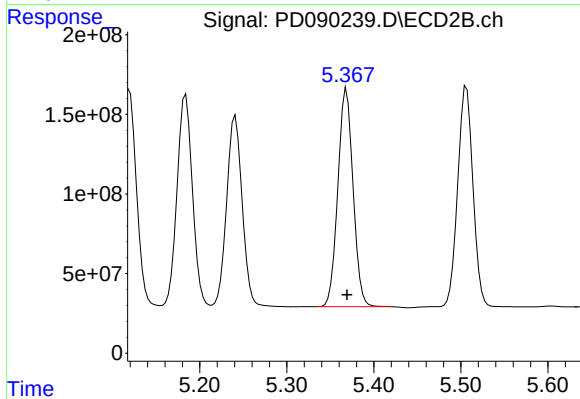
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1637305380
Conc: 57.37 ng/ml



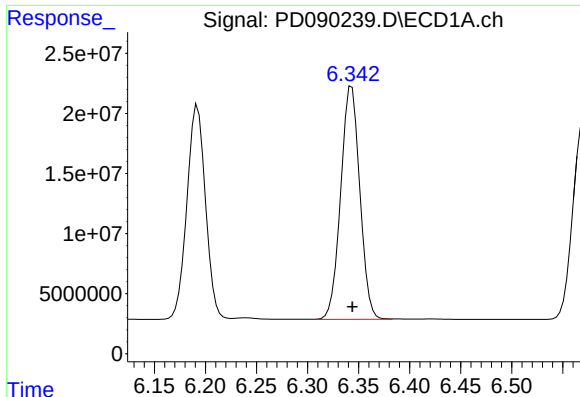
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 225465386
Conc: 51.38 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1662590863
Conc: 57.68 ng/ml



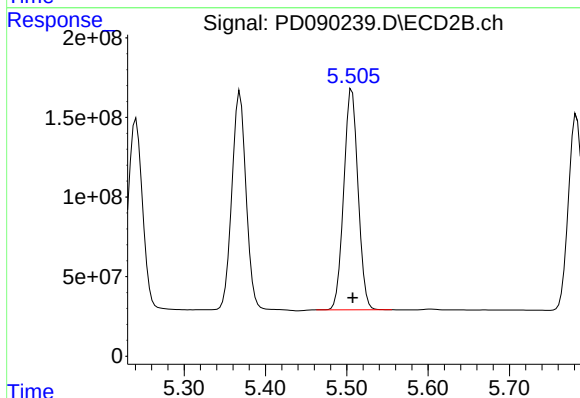
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 252684388
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

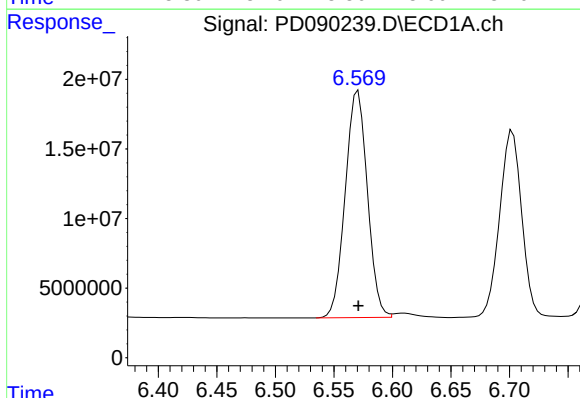
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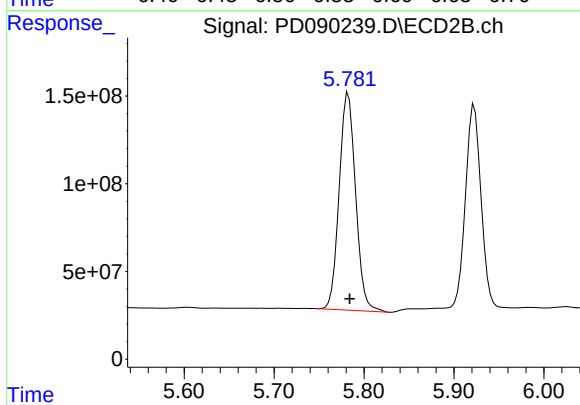
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 1688358291
Conc: 57.65 ng/ml



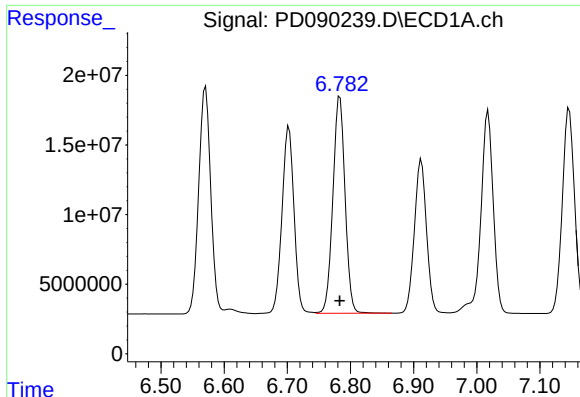
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 214491739
Conc: 51.76 ng/ml m



#14 Endrin

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 1575393133
Conc: 59.15 ng/ml



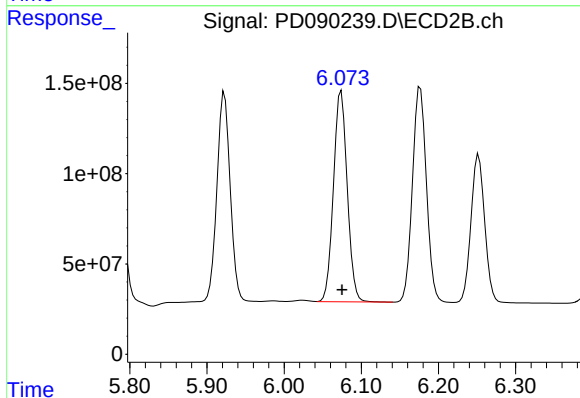
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 208993061
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

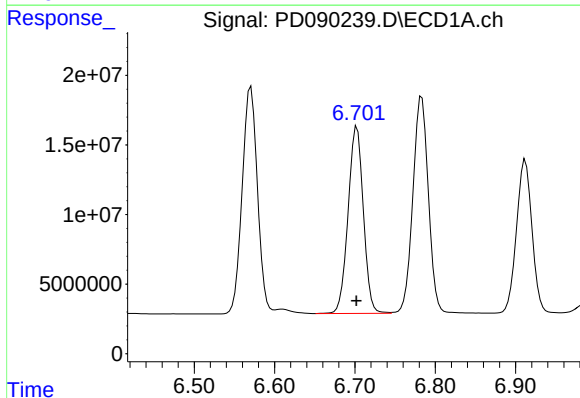
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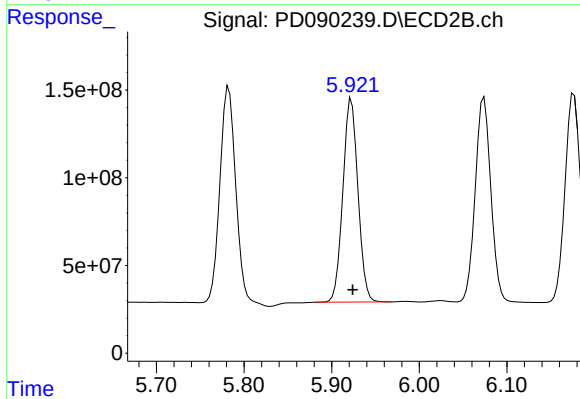
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 1452273903
Conc: 57.41 ng/ml



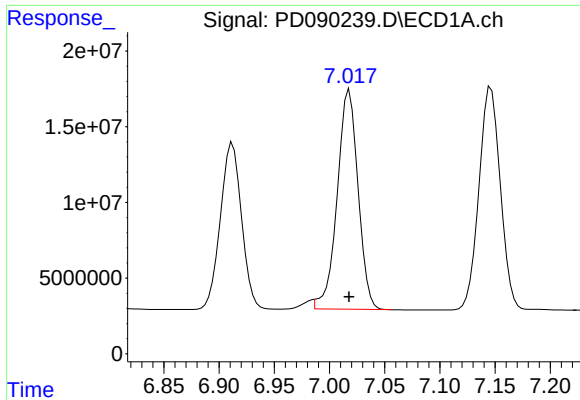
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 177219411
Conc: 51.23 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 1389143704
Conc: 57.78 ng/ml



#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 190454871
Conc: 49.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

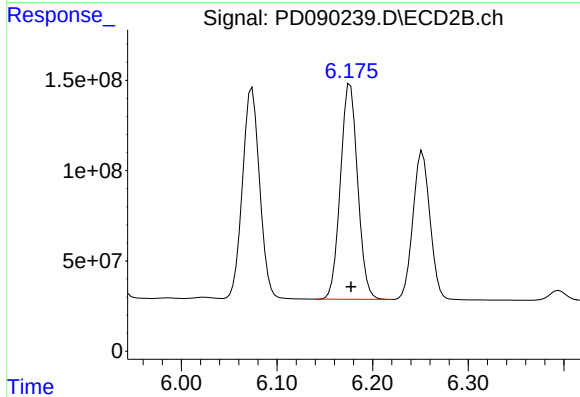
PSTDCCC050

Manual Integrations

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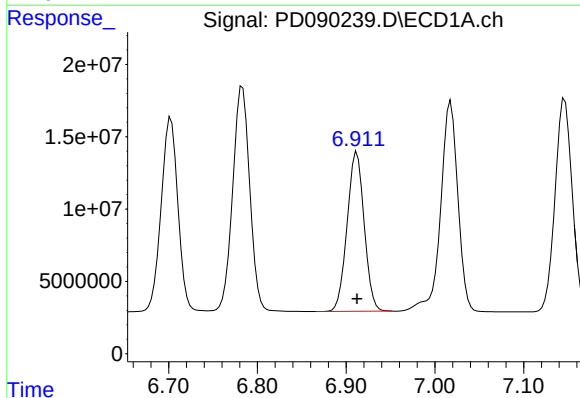
Reviewed By :Abdul Mirza 09/12/2025

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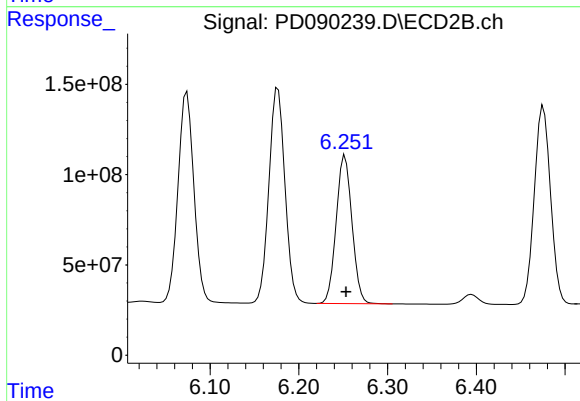
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 1500964749
Conc: 59.87 ng/ml



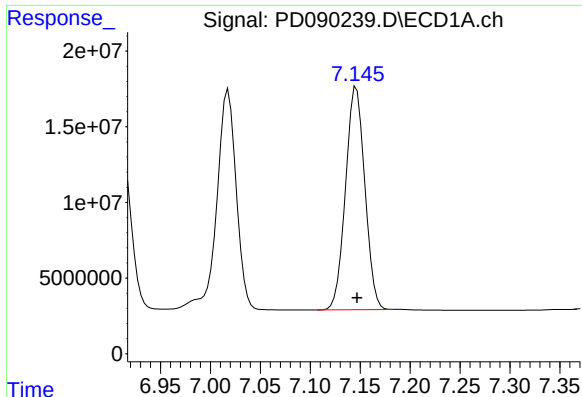
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 146884688
Conc: 51.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 1014369018
Conc: 58.91 ng/ml



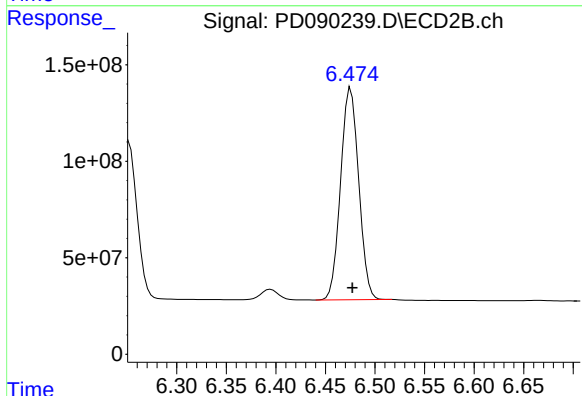
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 198291246
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

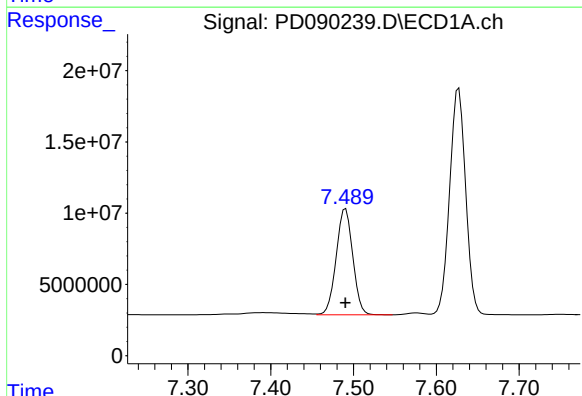
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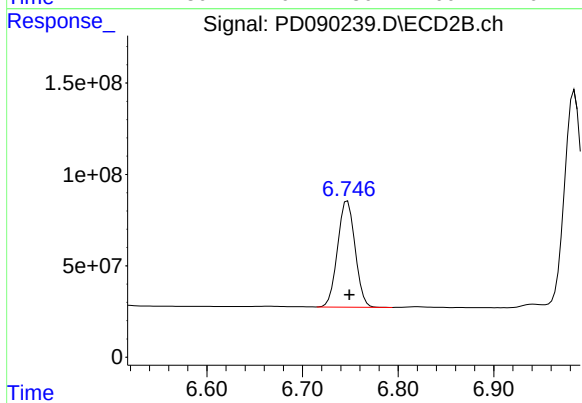
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 1396744770
Conc: 57.29 ng/ml



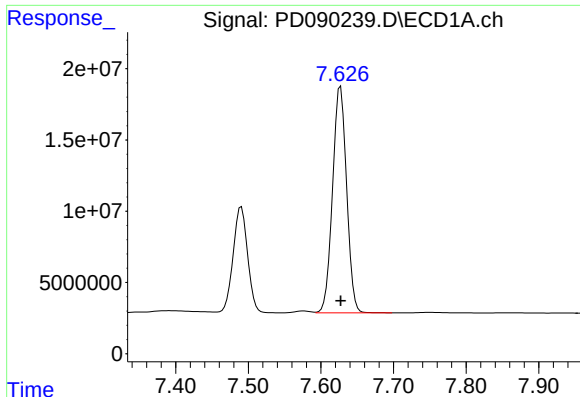
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 103687050
Conc: 51.70 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 740021638
Conc: 57.38 ng/ml



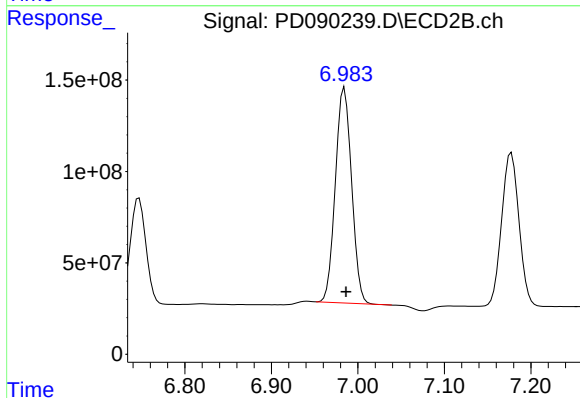
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 213915620
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

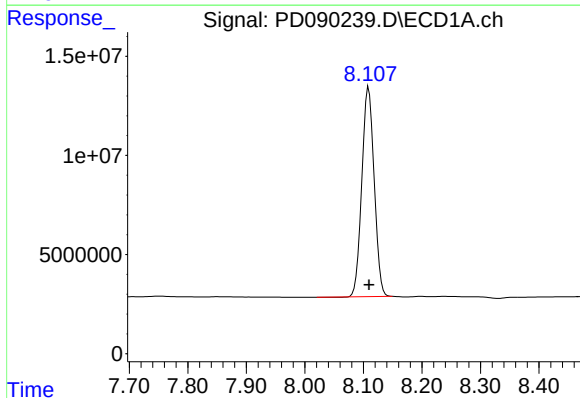
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025



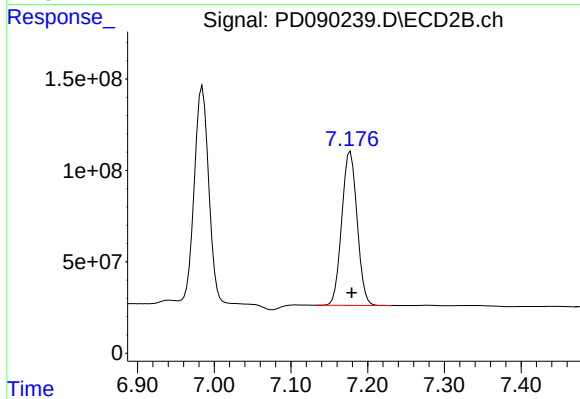
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 1530103242
Conc: 57.43 ng/ml



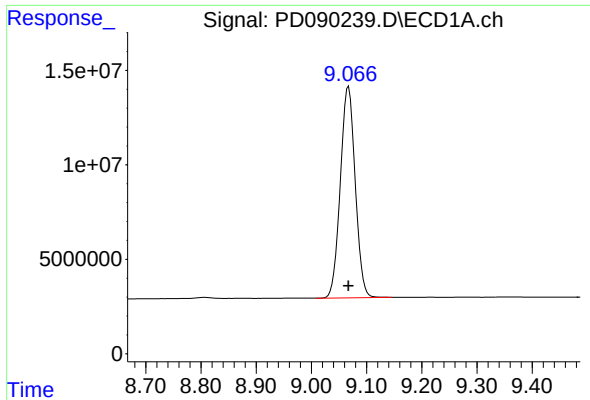
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 154850024
Conc: 49.09 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 1171065836
Conc: 56.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 210120854
Conc: 48.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

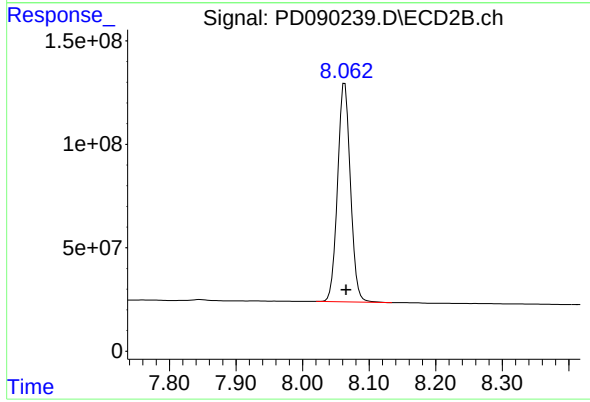
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 1415320743
Conc: 54.68 ng/ml