

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 17:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 09:36:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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	136.0E6	1198.3E6	41.833	43.652
28)	SA Decachlor...	9.066	8.062	265.2E6	1557.2E6	54.965	48.039
Target Compounds							
2)	A alpha-BHC	3.995	3.388	399.8E6	2511.9E6	57.241	57.372
3)	MA gamma-BHC...	4.326	3.724	377.1E6	2324.1E6	56.991	57.052
4)	MA Heptachlor	4.924	4.075	312.9E6	2161.6E6	47.315	53.089
5)	MB Aldrin	5.265	4.361	360.9E6	2286.5E6	56.842	57.256
6)	B beta-BHC	4.513	4.019	141.6E6	974.8E6	54.872	56.235
7)	B delta-BHC	4.760	4.256	376.3E6	2349.2E6	58.278m	56.889
8)	B Heptachlo...	5.684	4.864	319.1E6	2056.6E6	55.829m	55.787
9)	A Endosulfan I	6.069	5.239	300.6E6	1847.0E6	55.647	53.374
10)	B gamma-Chl...	5.940	5.117	322.9E6	2221.2E6	56.530	56.538
11)	B alpha-Chl...	6.021	5.182	320.5E6	2120.2E6	55.638	56.289
12)	B 4,4'-DDE	6.191	5.366	296.1E6	2166.4E6	56.862	56.596
13)	MA Dieldrin	6.341	5.504	322.5E6	2187.0E6	55.939	56.156
14)	MA Endrin	6.569	5.781	276.7E6	2020.9E6	56.540	56.398
15)	B Endosulfa...	6.782	6.072	276.9E6	1841.1E6	56.777	54.549
16)	A 4,4'-DDD	6.701	5.921	234.4E6	1788.5E6	57.202	55.153
17)	MA 4,4'-DDT	7.016	6.174	220.9E6	1704.6E6	49.605	49.584
18)	B Endrin al...	6.911	6.250	197.3E6	1319.4E6	57.500	56.035
19)	B Endosulfa...	7.145	6.474	241.7E6	1696.1E6	52.543	51.884
20)	A Methoxychlor	7.489	6.745	113.7E6	809.6E6	48.248	46.528
21)	B Endrin ke...	7.626	6.983	261.4E6	1786.3E6	52.832	49.479
22)	Mirex	8.108	7.176	176.8E6	1305.4E6	47.733	47.286

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
Data File : PD090614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2025 17:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

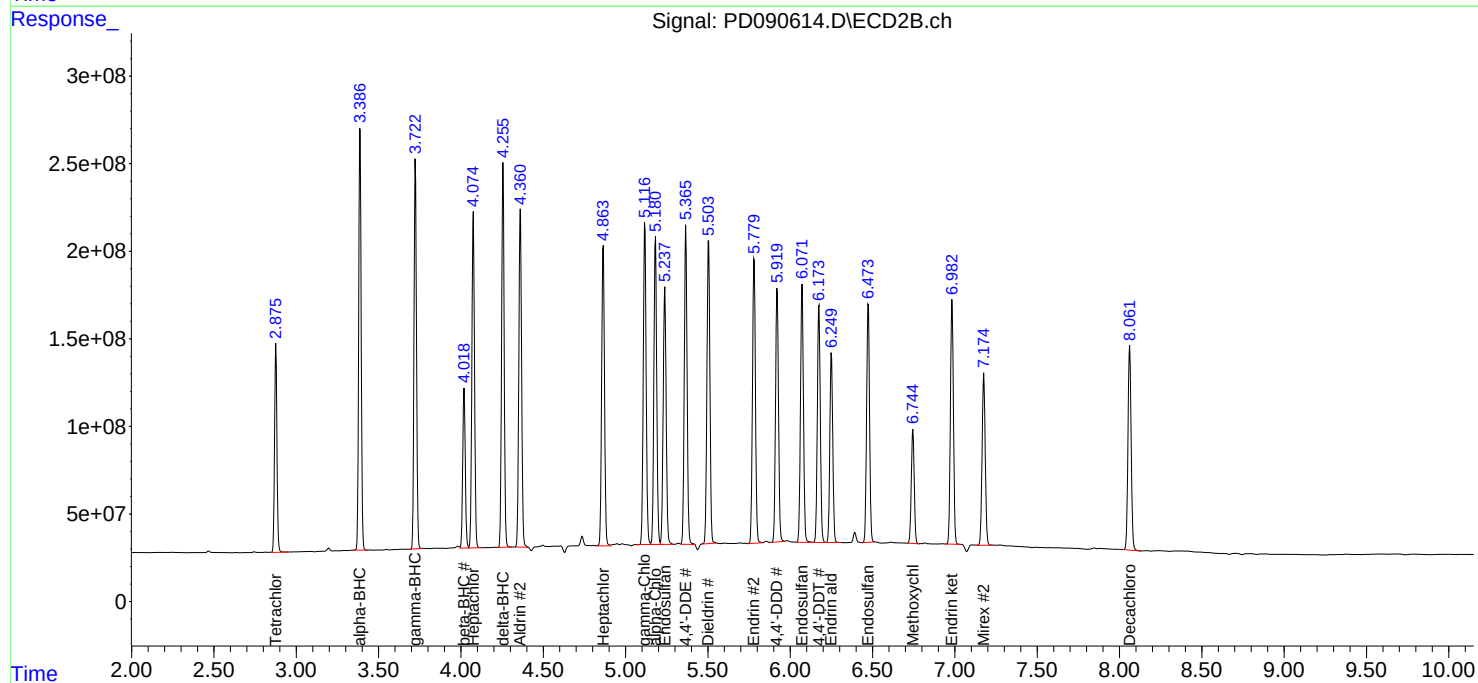
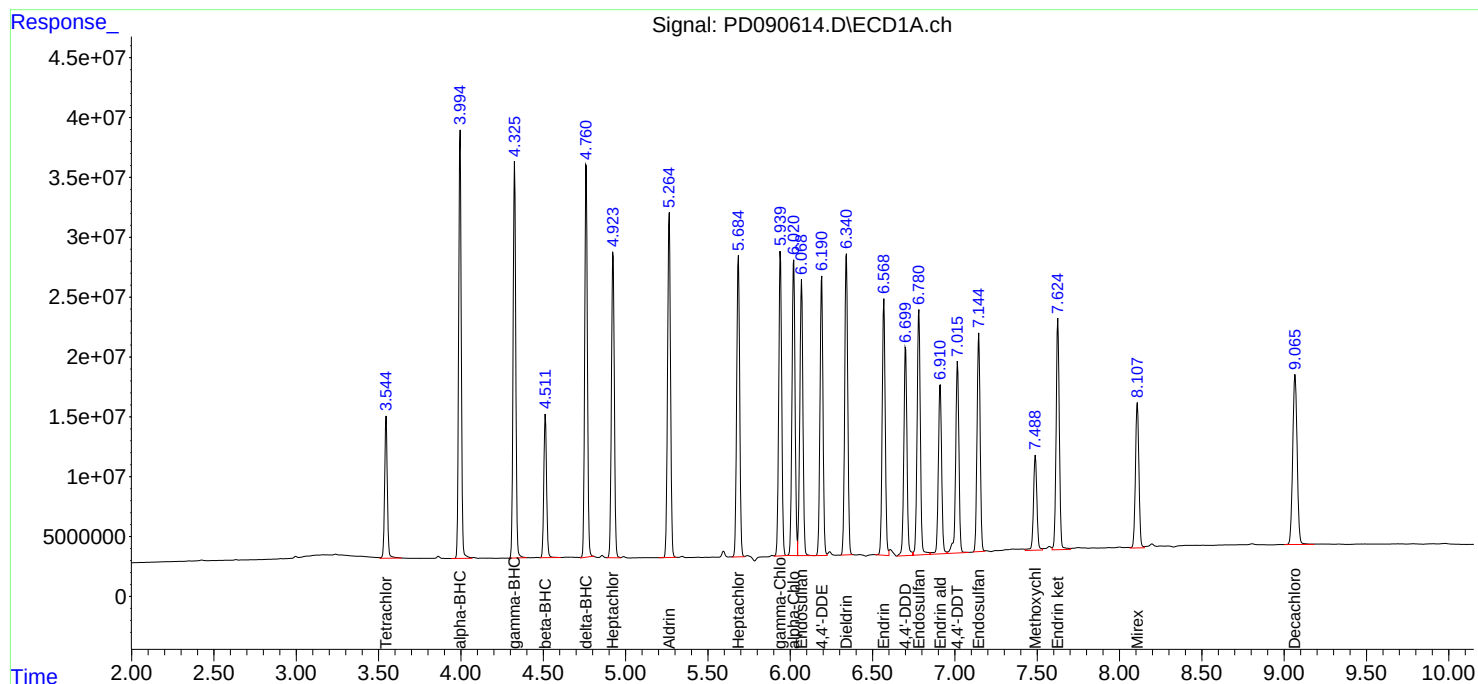
APPROVED

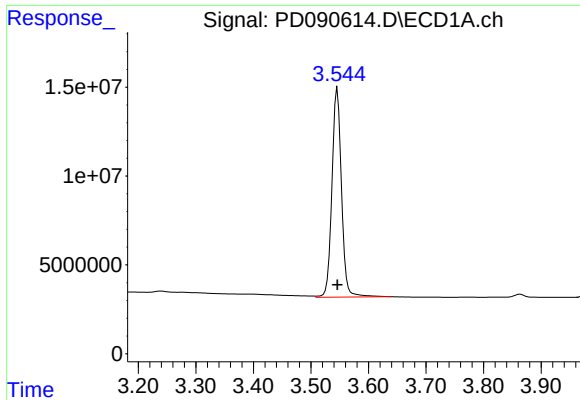
Reviewed By :Abdul Mirza 10/16/2025

Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 09:36:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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.: 0.000 min
Response: 135974715
Conc: 41.83 ng/ml

Instrument :

ECD_D

ClientSampleId :

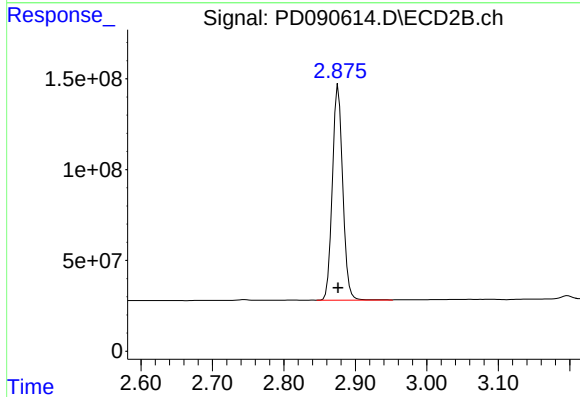
PSTDCCC050

Manual Integrations

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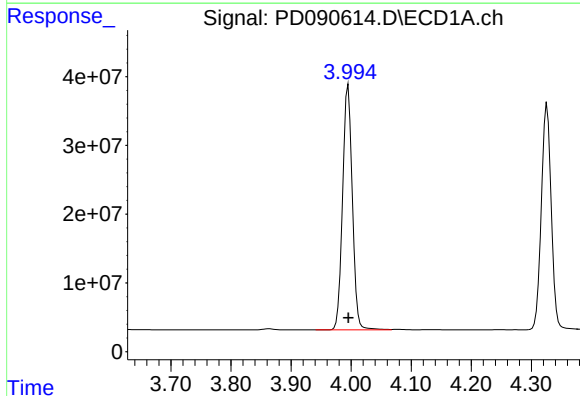
Reviewed By :Abdul Mirza 10/16/2025

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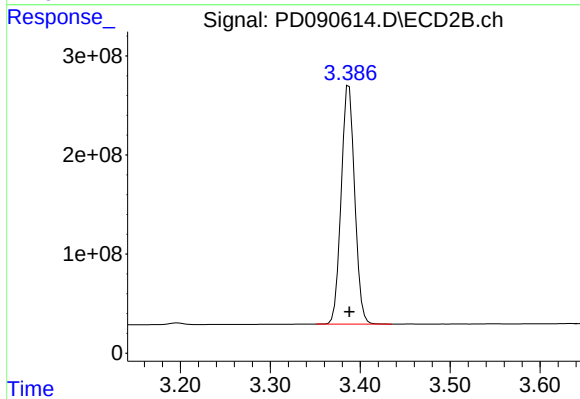
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 1198256800
Conc: 43.65 ng/ml



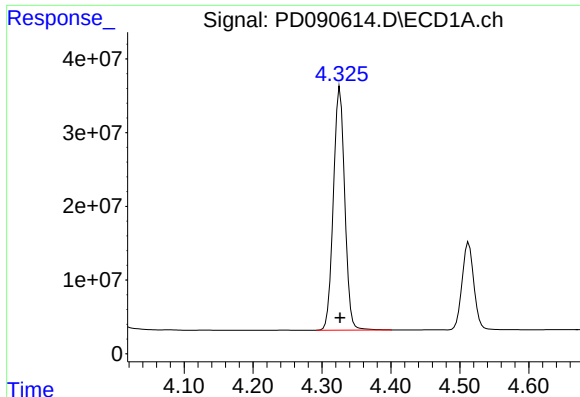
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 399798572
Conc: 57.24 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 2511911199
Conc: 57.37 ng/ml



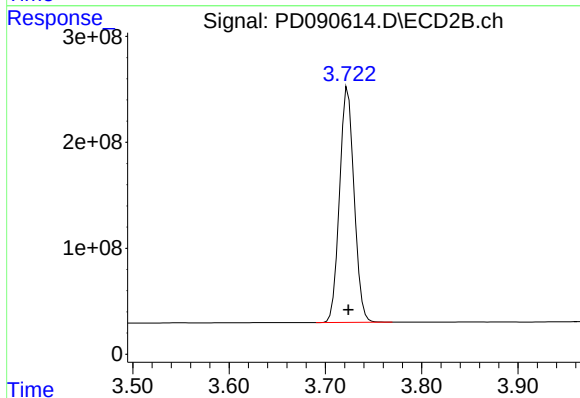
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 377100593
Conc: 56.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

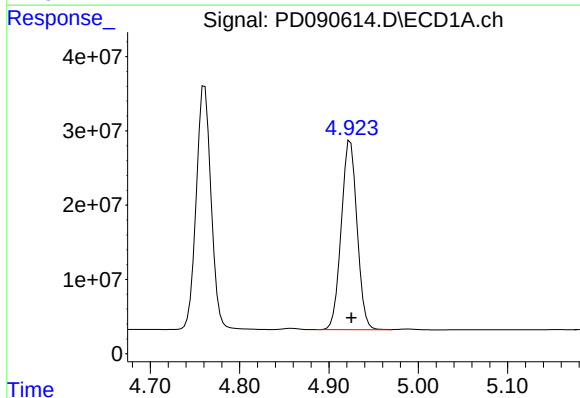
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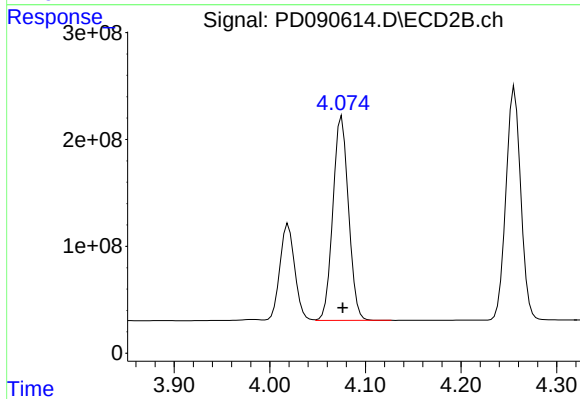
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 2324052880
Conc: 57.05 ng/ml



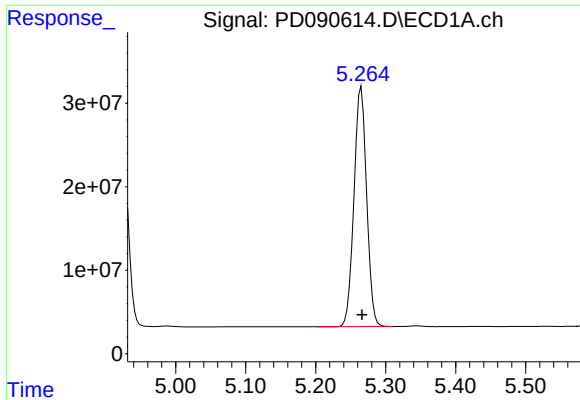
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 312876113
Conc: 47.32 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 2161603014
Conc: 53.09 ng/ml



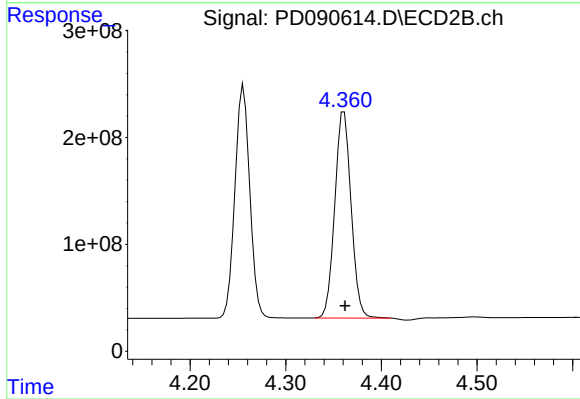
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 360945362
Conc: 56.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

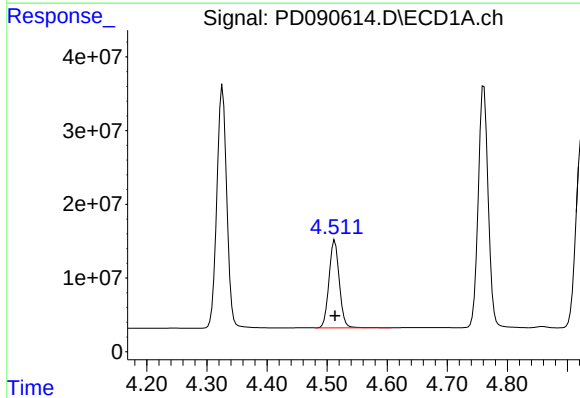
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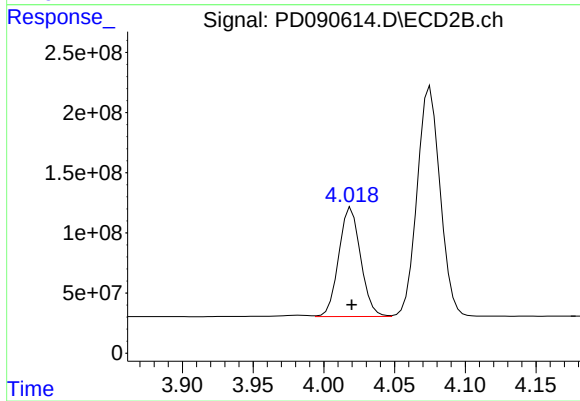
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2286521003
Conc: 57.26 ng/ml



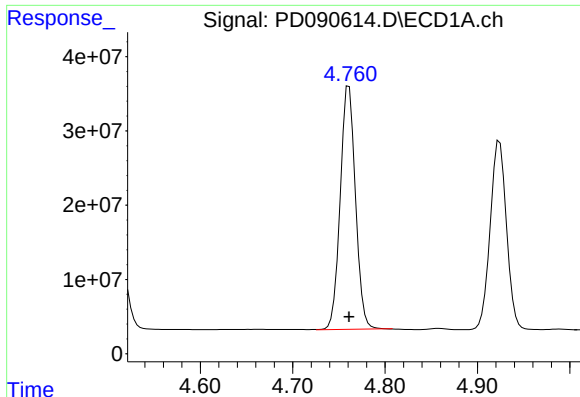
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 141564466
Conc: 54.87 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 974842605
Conc: 56.23 ng/ml



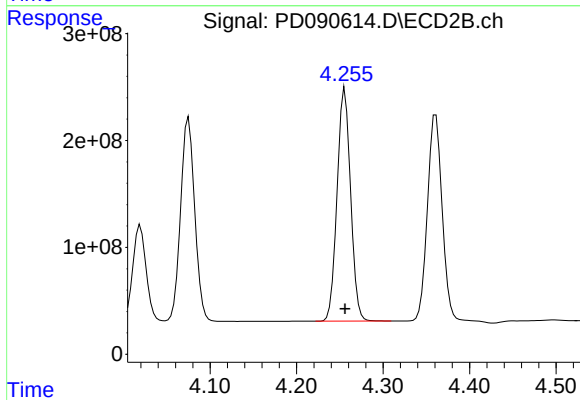
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 376330521
Conc: 58.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

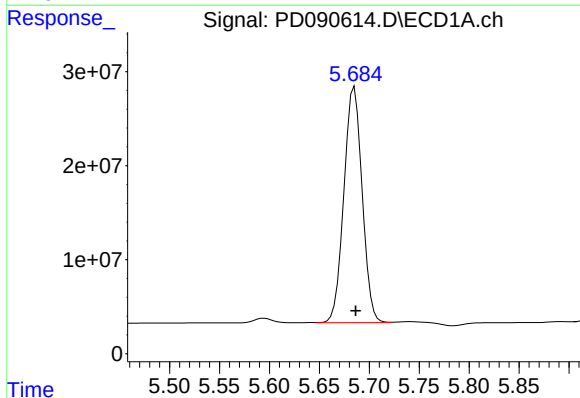
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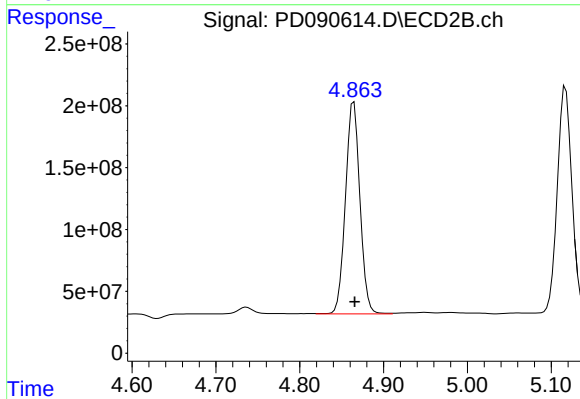
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2349200344
Conc: 56.89 ng/ml



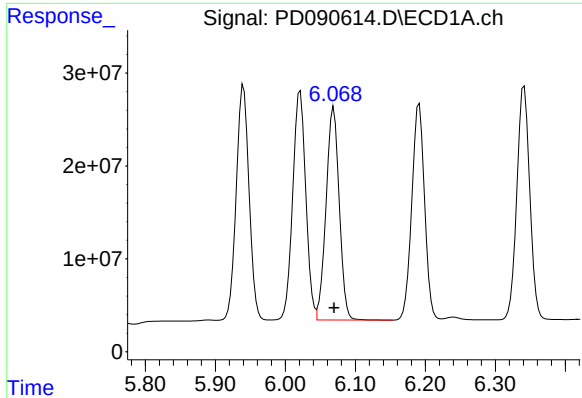
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 319056574
Conc: 55.83 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 2056580223
Conc: 55.79 ng/ml



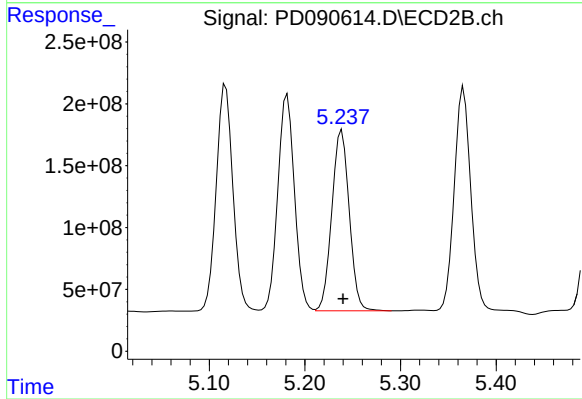
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 300576339
Conc: 55.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

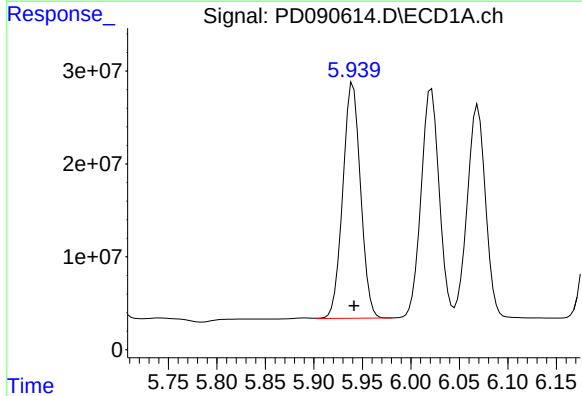
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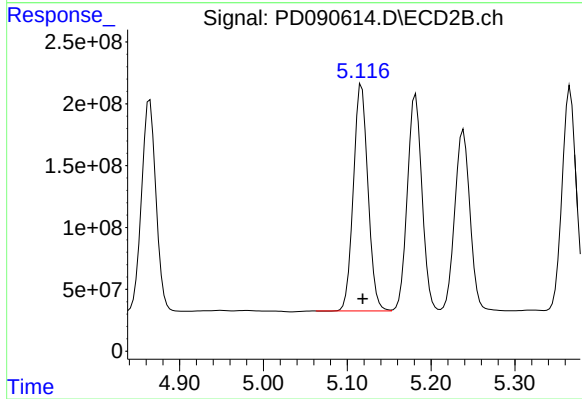
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 1847023472
Conc: 53.37 ng/ml



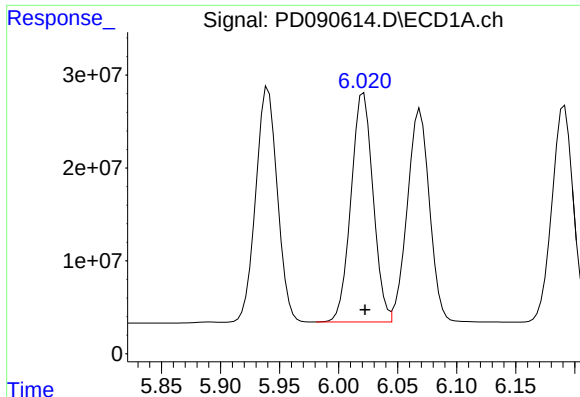
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 322894731
Conc: 56.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 2221172630
Conc: 56.54 ng/ml



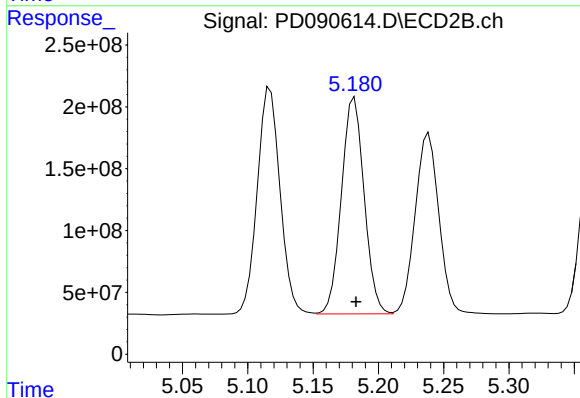
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 320521755
Conc: 55.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

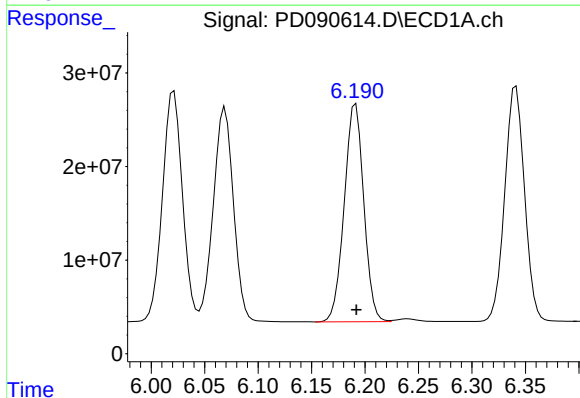
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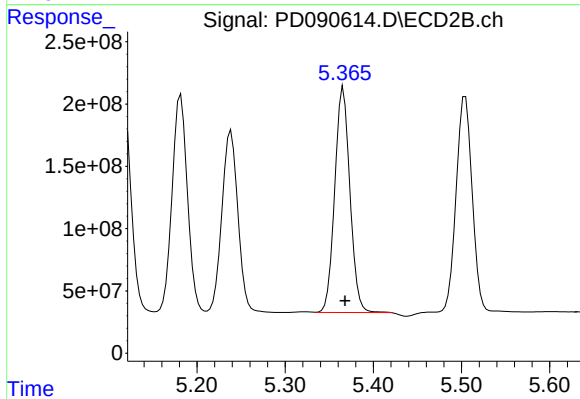
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 2120152658
Conc: 56.29 ng/ml



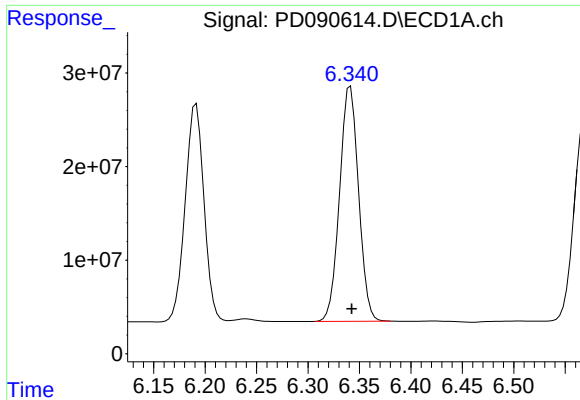
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 296110475
Conc: 56.86 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 2166421366
Conc: 56.60 ng/ml



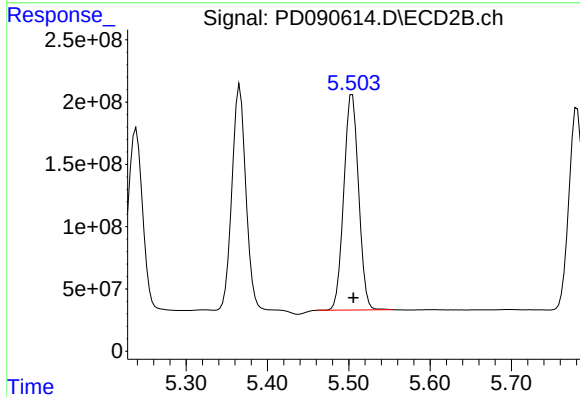
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 322470468
Conc: 55.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

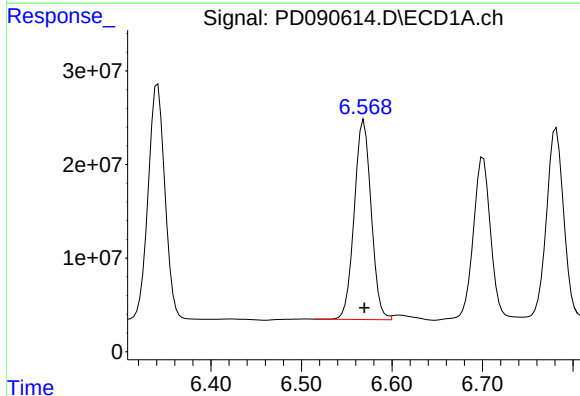
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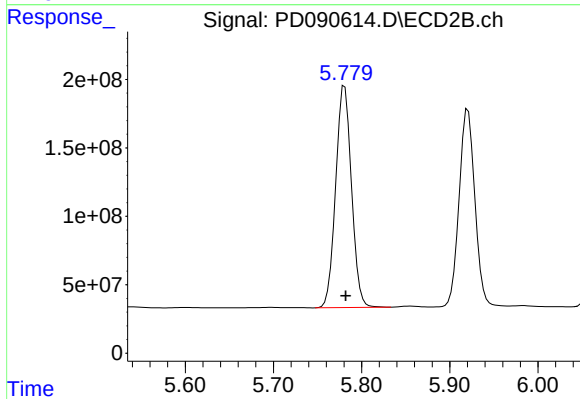
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 2187031672
Conc: 56.16 ng/ml



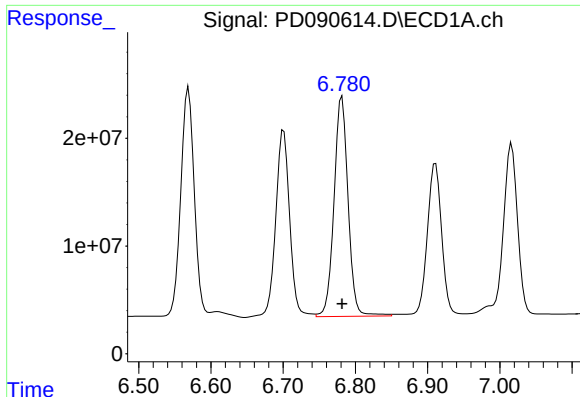
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 276705123
Conc: 56.54 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 2020870782
Conc: 56.40 ng/ml



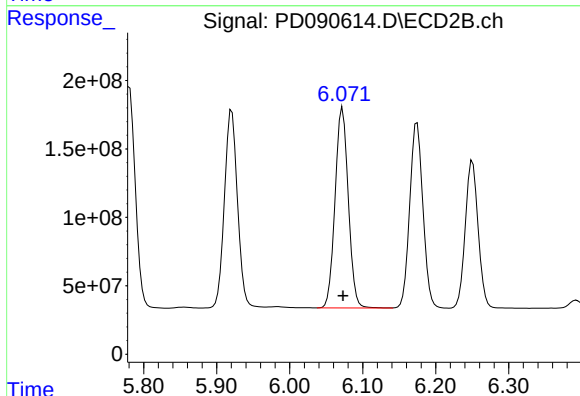
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 276949182
Conc: 56.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

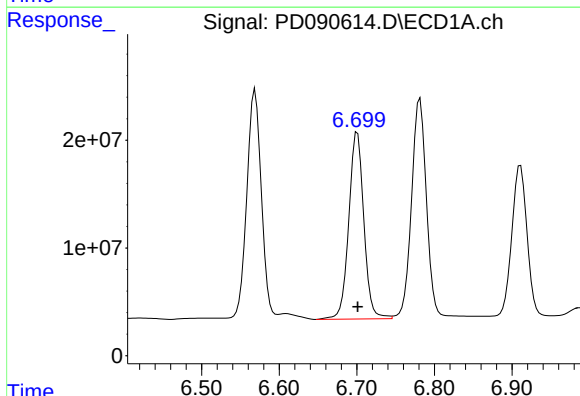
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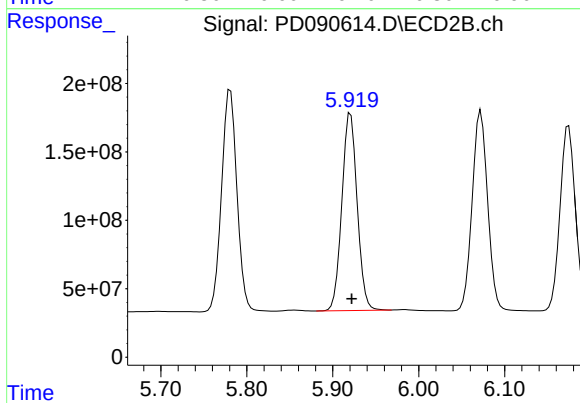
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1841067435
Conc: 54.55 ng/ml



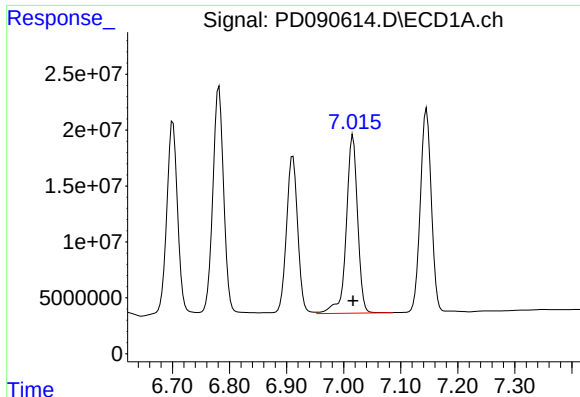
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 234404418
Conc: 57.20 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 1788475514
Conc: 55.15 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 220864097
Conc: 49.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

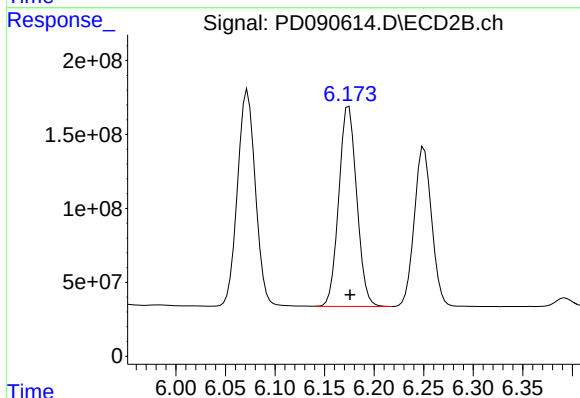
PSTDCCC050

Manual Integrations

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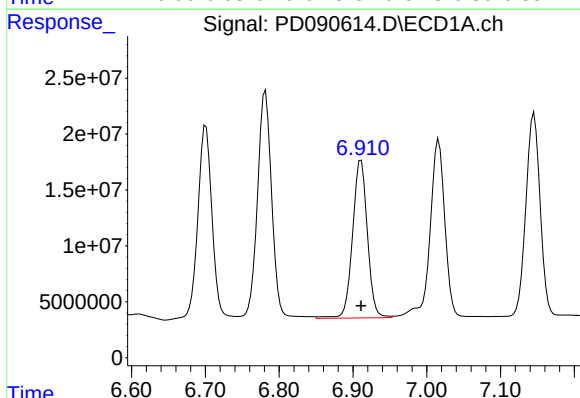
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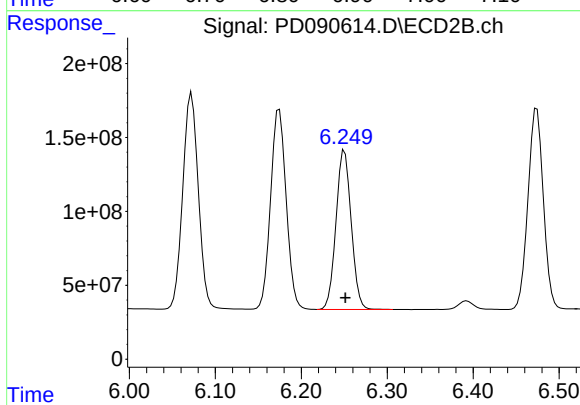
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.001 min
Response: 1704642864
Conc: 49.58 ng/ml



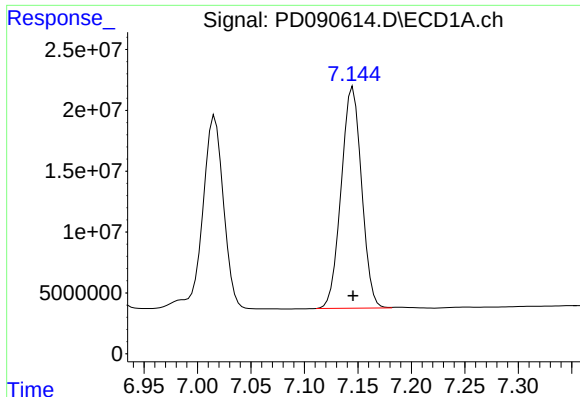
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 197259952
Conc: 57.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1319437045
Conc: 56.03 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 241717874
Conc: 52.54 ng/ml

Instrument :

ECD_D

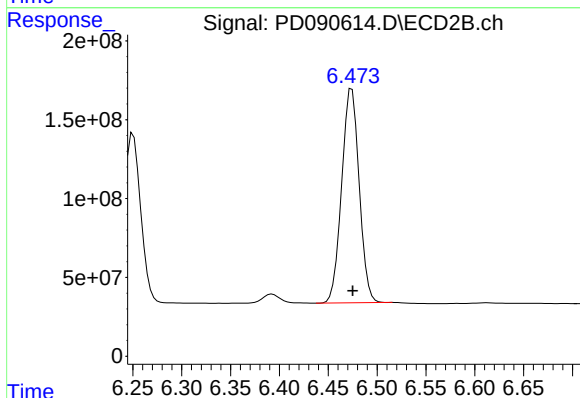
ClientSampleId :

PSTDCCC050

Manual Integrations

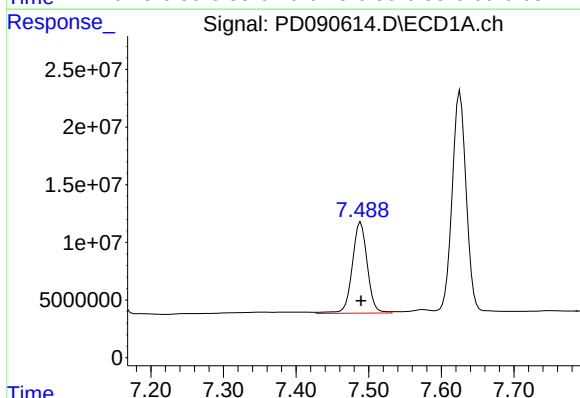
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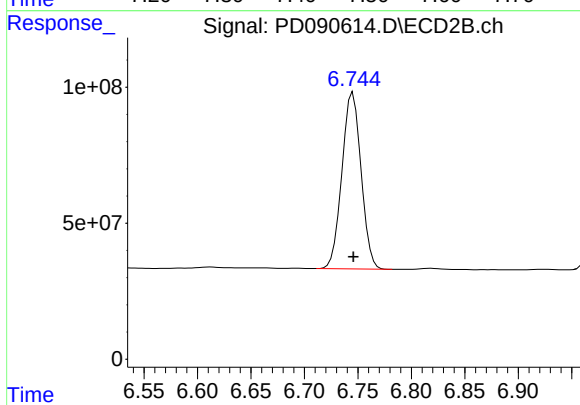
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1696096852
Conc: 51.88 ng/ml



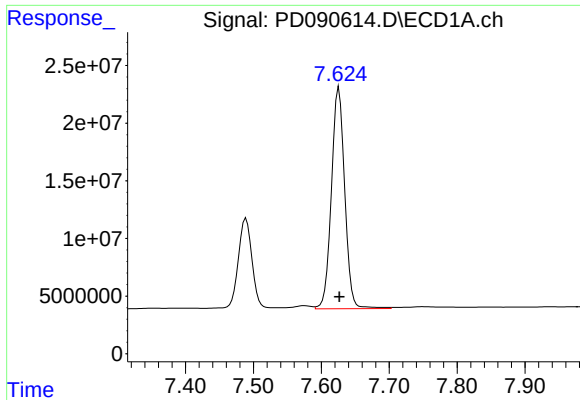
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 113697270
Conc: 48.25 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 809606826
Conc: 46.53 ng/ml



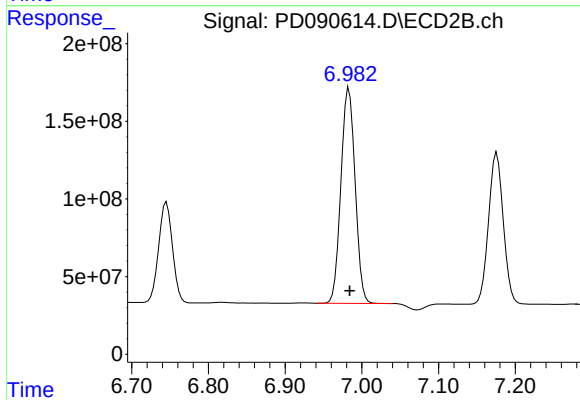
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 261377443
Conc: 52.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

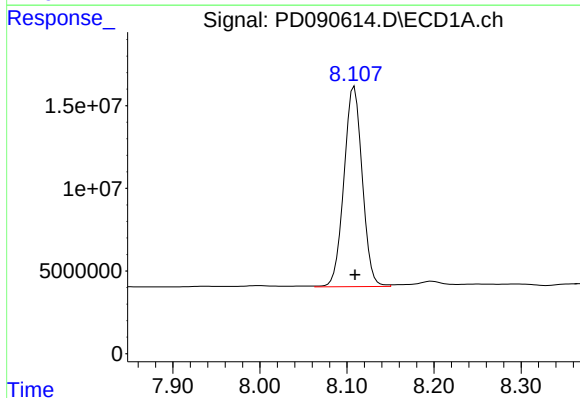
Manual Integrations
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Reviewed By :Abdul Mirza 10/16/2025
Supervised By :mohammad ahmed 10/17/2025



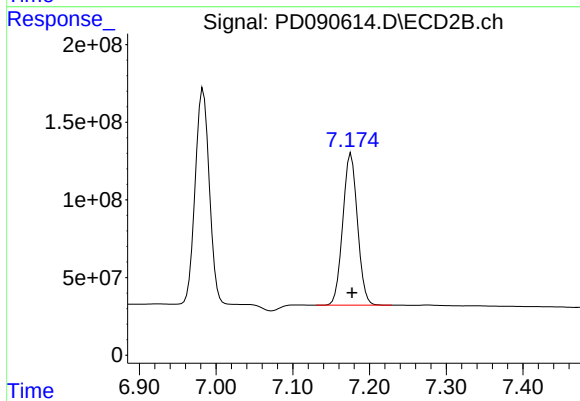
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1786329535
Conc: 49.48 ng/ml



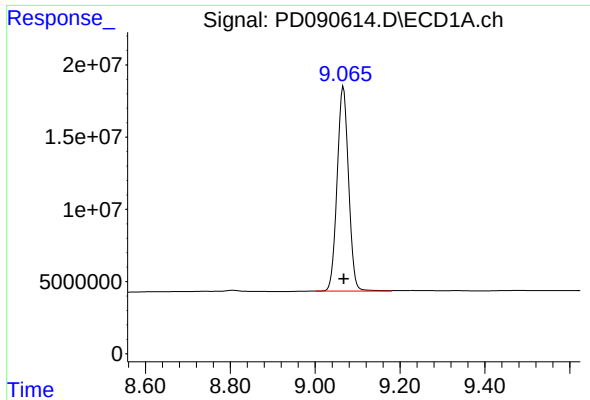
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 176842451
Conc: 47.73 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 1305369866
Conc: 47.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 265208806
Conc: 54.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

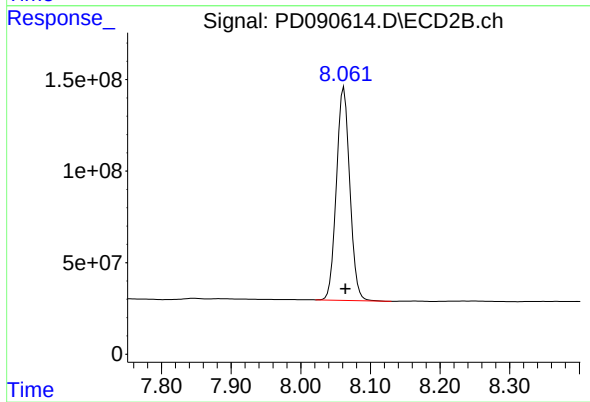
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/16/2025

Supervised By :mohammad ahmed 10/17/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 1557180120
Conc: 48.04 ng/ml