

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 15:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 02:14:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	2.872	177.7E6	1917.7E6	51.532	52.353
28)	SA Decachlor...	9.069	8.058	230.2E6	1630.5E6	46.216	41.199
Target Compounds							
2)	A alpha-BHC	3.998	3.383	438.1E6	3363.8E6	54.794	53.222
3)	MA gamma-BHC...	4.329	3.719	403.9E6	3051.2E6	54.055	52.770
4)	MA Heptachlor	4.926	4.071	374.0E6	2813.5E6	52.220	50.960
5)	MB Aldrin	5.268	4.356	378.1E6	2958.3E6	52.101	52.398
6)	B beta-BHC	4.517	4.015	150.0E6	1240.7E6	51.611	51.636
7)	B delta-BHC	4.765	4.251	404.0E6	3049.0E6	54.356	52.140
8)	B Heptachlo...	5.688	4.860	333.9E6	2607.8E6	51.399	51.175
9)	A Endosulfan I	6.072	5.234	311.8E6	2419.5E6	50.765	50.563
10)	B gamma-Chl...	5.944	5.113	337.2E6	2828.5E6	51.867	51.777
11)	B alpha-Chl...	6.024	5.177	340.1E6	2682.9E6	49.411	51.267
12)	B 4,4'-DDE	6.194	5.360	296.7E6	2679.0E6	51.153	50.128m
13)	MA Dieldrin	6.344	5.500	330.2E6	2718.2E6	51.071	50.048
14)	MA Endrin	6.572	5.776	263.3E6	2335.2E6	53.038	51.671
15)	B Endosulfa...	6.785	6.068	274.5E6	2274.9E6	49.375	48.735
16)	A 4,4'-DDD	6.704	5.916	242.8E6	2328.3E6	49.435	47.644
17)	MA 4,4'-DDT	7.019	6.170	204.9E6	1986.8E6	49.550	50.771
18)	B Endrin al...	6.914	6.246	193.6E6	1659.7E6	46.473	47.030
19)	B Endosulfa...	7.148	6.470	249.4E6	2084.0E6	48.475	46.482
20)	A Methoxychlor	7.493	6.741	102.4E6	902.2E6	47.091	44.993
21)	B Endrin ke...	7.628	6.979	270.1E6	2289.7E6	47.942	44.935
22)	Mirex	8.111	7.171	164.5E6	1418.1E6	46.241	42.792

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 15:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

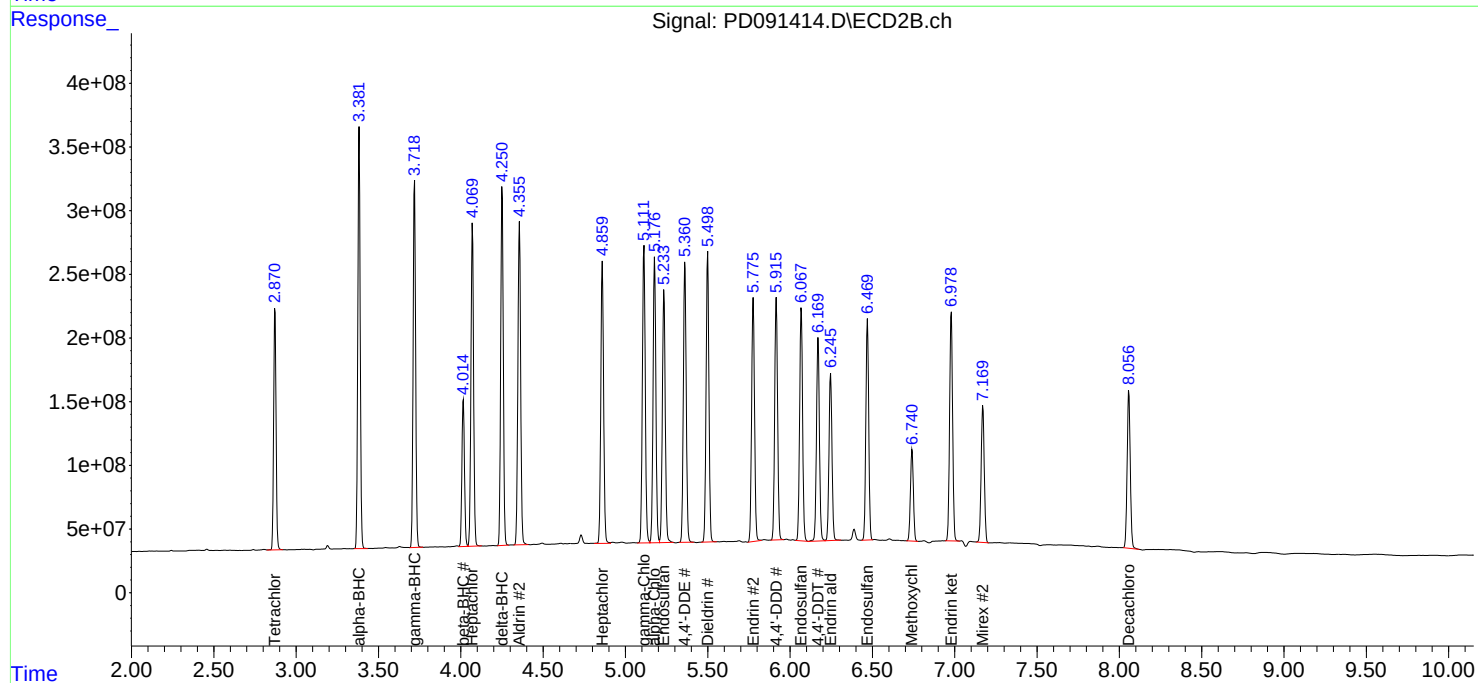
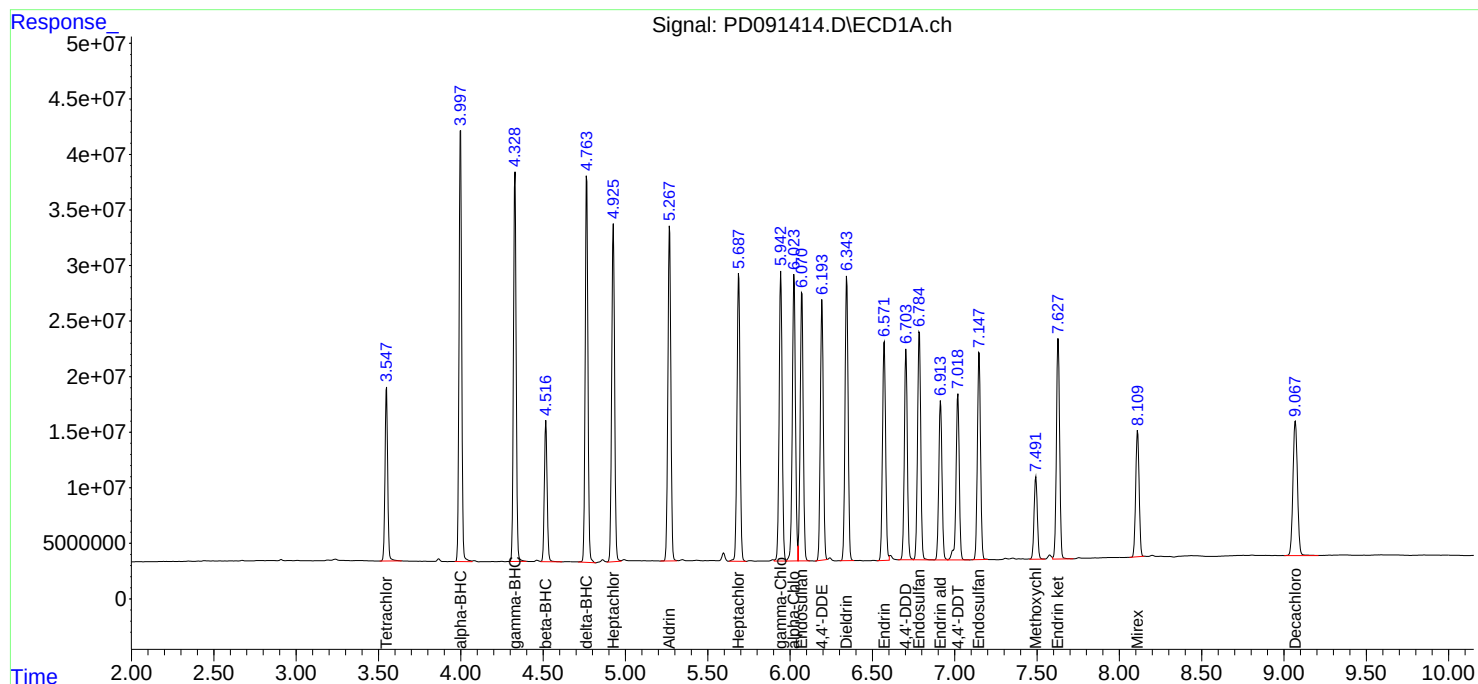
APPROVED

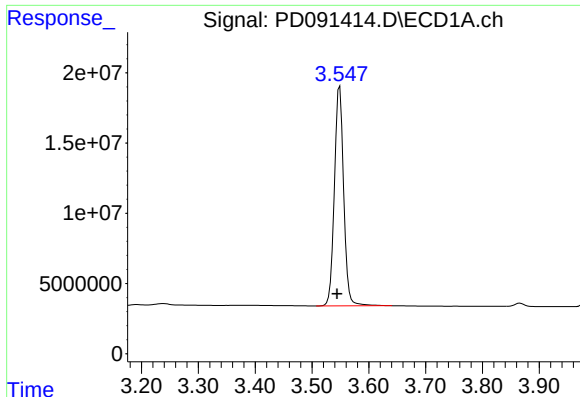
Reviewed By :Abdul Mirza 12/02/2025

Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:14:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





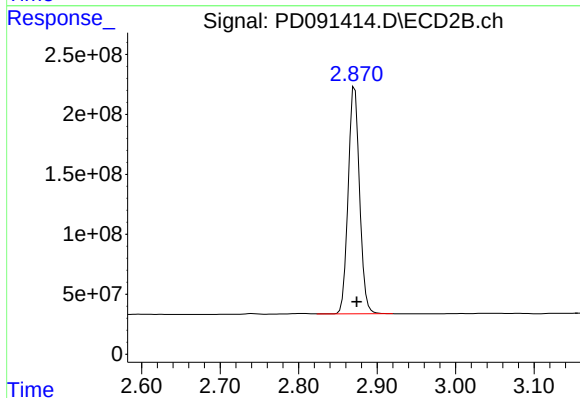
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 177713397
Conc: 51.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

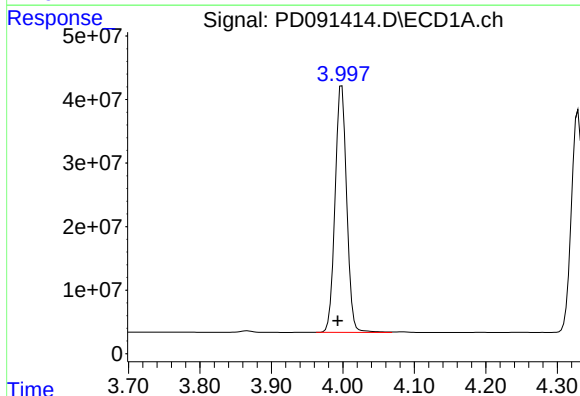
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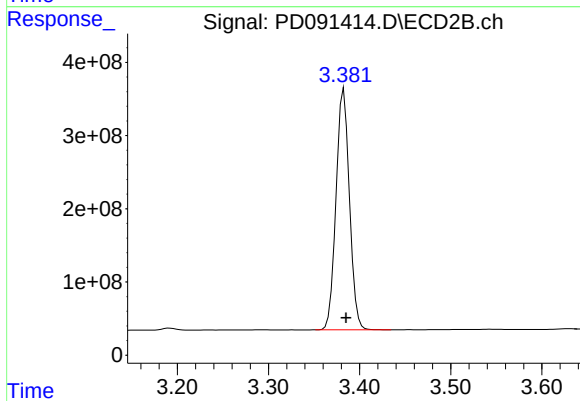
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 1917712807
Conc: 52.35 ng/ml



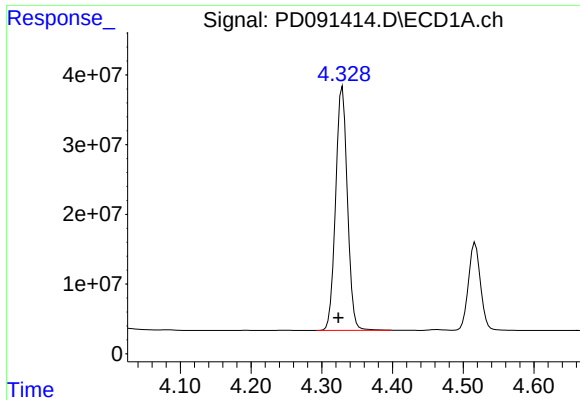
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 438106110
Conc: 54.79 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3363788445
Conc: 53.22 ng/ml



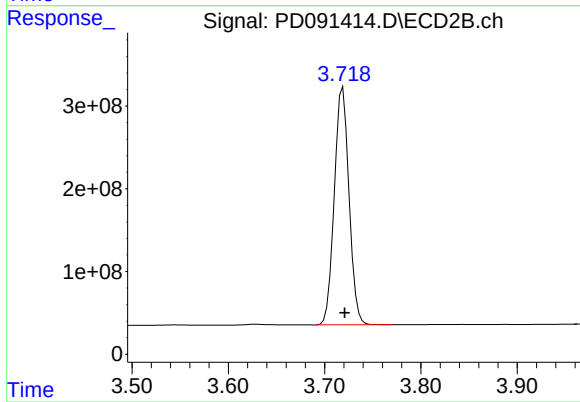
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.006 min
Response: 403944806
Conc: 54.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

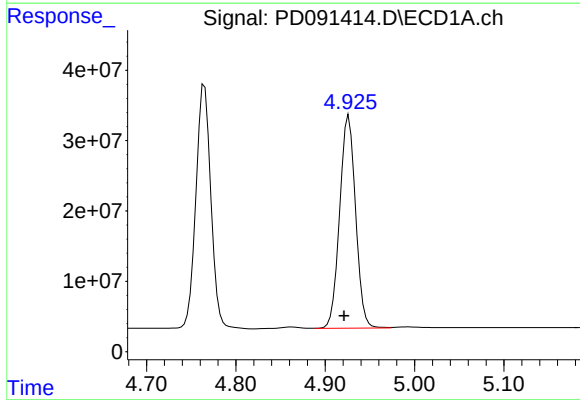
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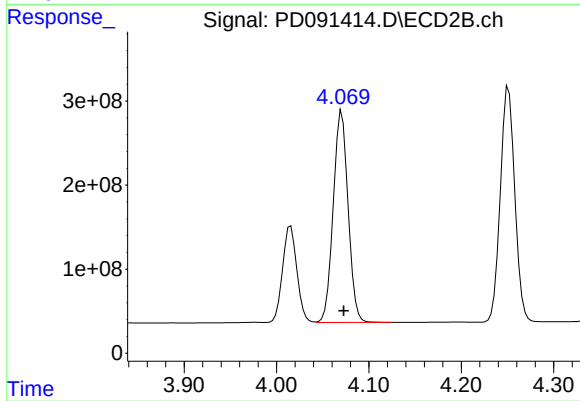
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3051210745
Conc: 52.77 ng/ml



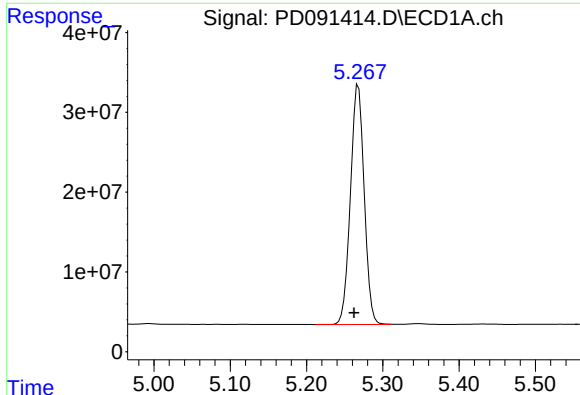
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 373986378
Conc: 52.22 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2813483012
Conc: 50.96 ng/ml



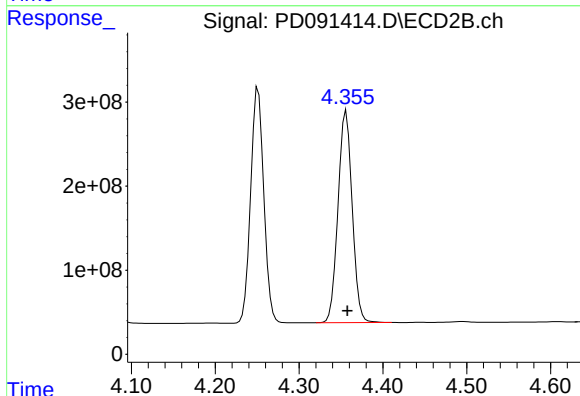
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.006 min
Response: 378068618
Conc: 52.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

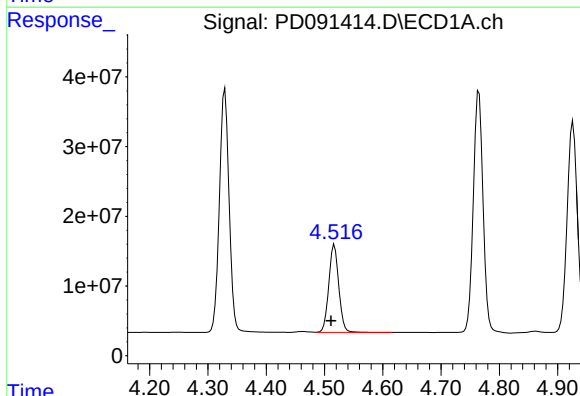
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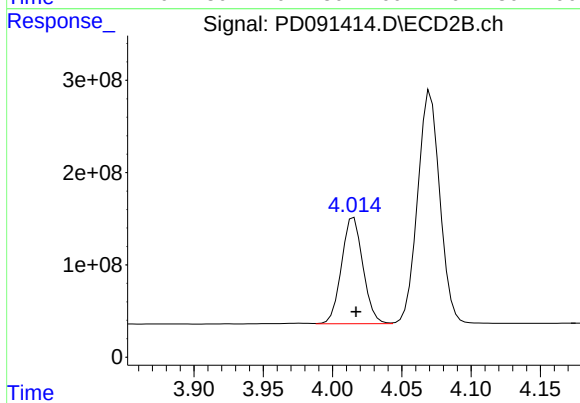
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2958310480
Conc: 52.40 ng/ml



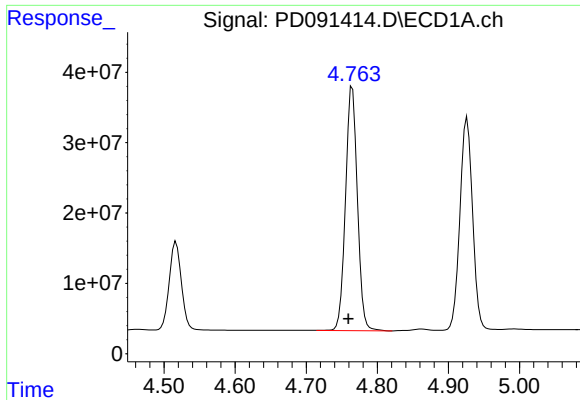
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.006 min
Response: 149956632
Conc: 51.61 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1240651576
Conc: 51.64 ng/ml



#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.006 min
Response: 403981052
Conc: 54.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

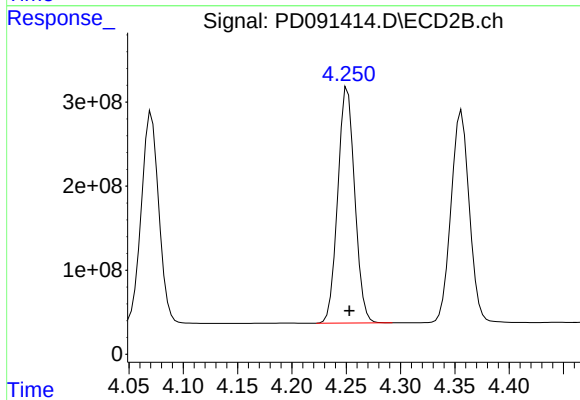
PSTDCCC050

Manual Integrations

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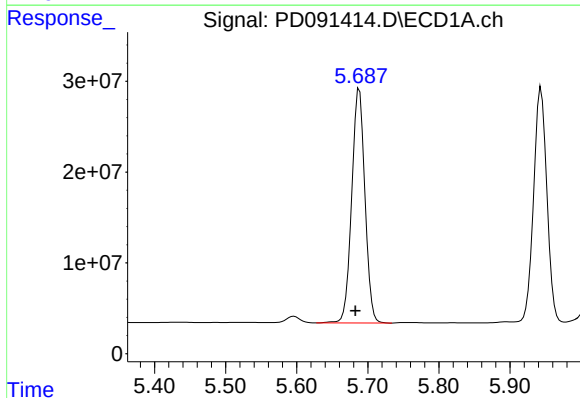
Reviewed By :Abdul Mirza 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



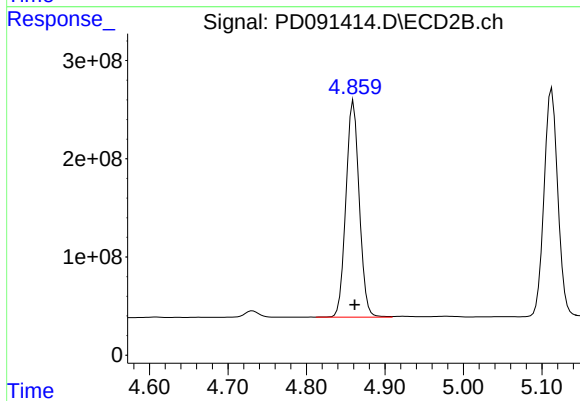
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 3048993190
Conc: 52.14 ng/ml



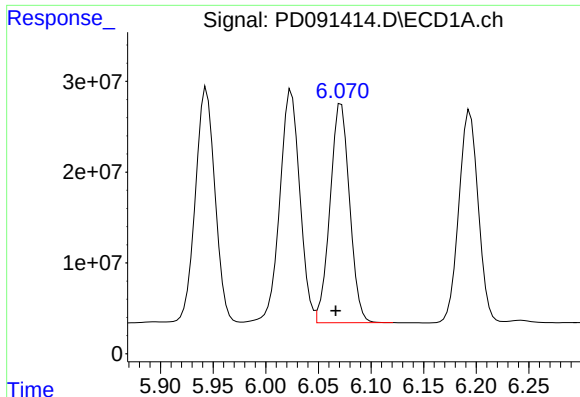
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 333924988
Conc: 51.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2607787780
Conc: 51.17 ng/ml



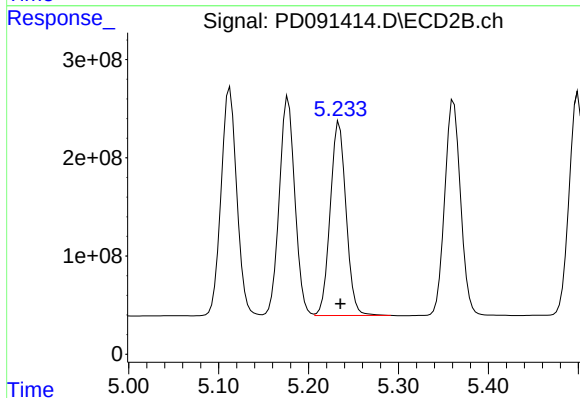
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 311849810
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

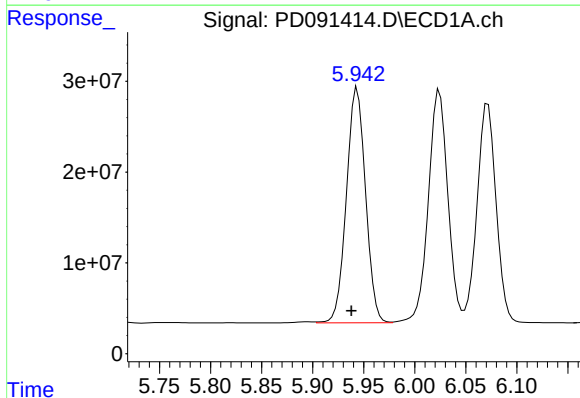
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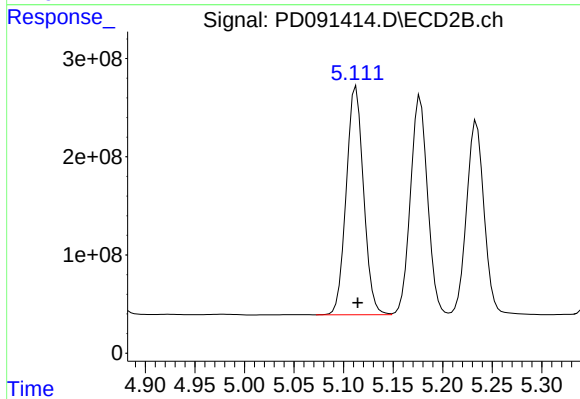
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2419508780
Conc: 50.56 ng/ml



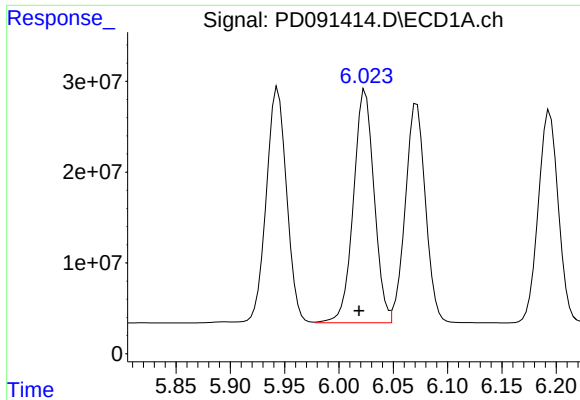
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.006 min
Response: 337173464
Conc: 51.87 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2828467001
Conc: 51.78 ng/ml



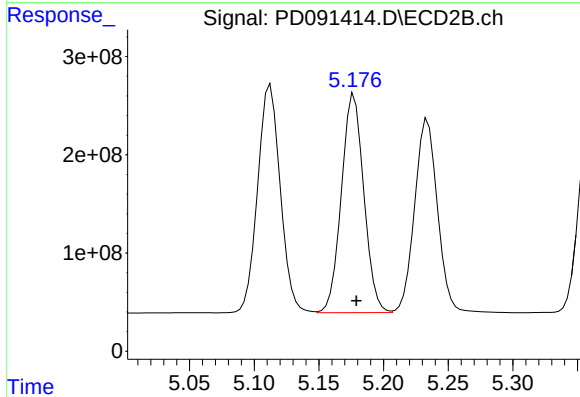
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.006 min
Response: 340088395
Conc: 49.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

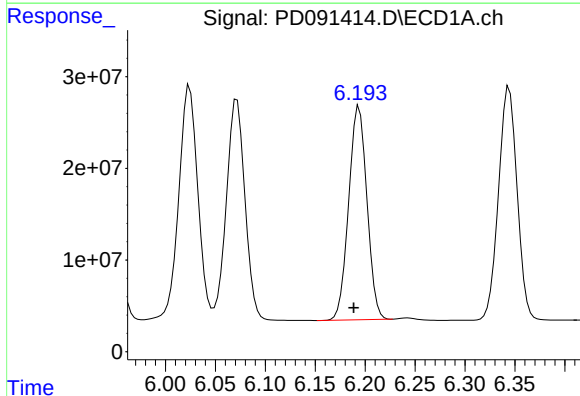
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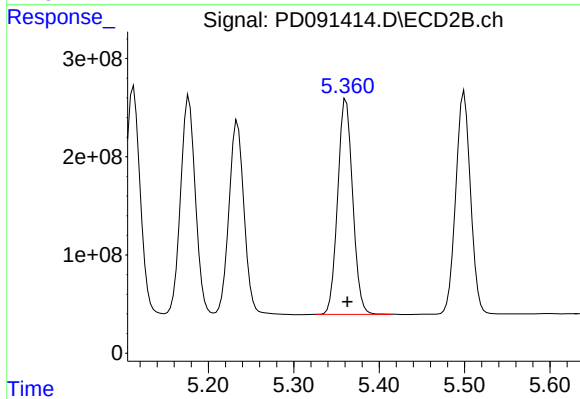
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2682867527
Conc: 51.27 ng/ml



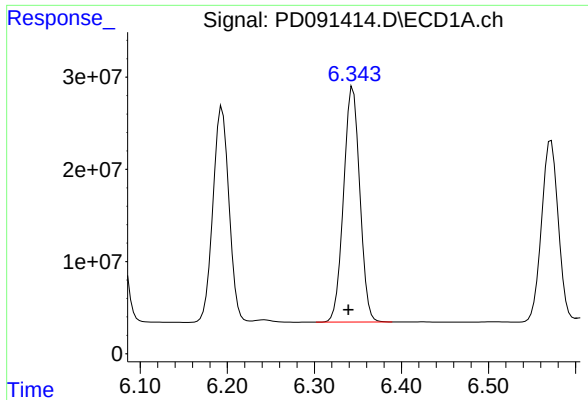
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 296655037
Conc: 51.15 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 2678973610
Conc: 50.13 ng/ml m



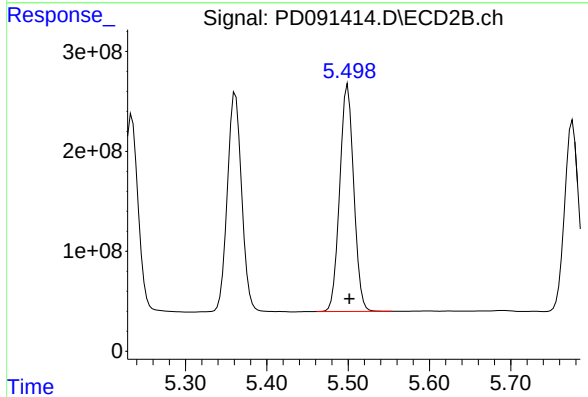
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.005 min
Response: 330171126
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

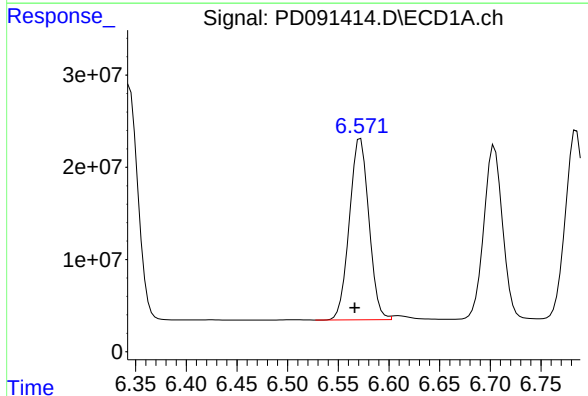
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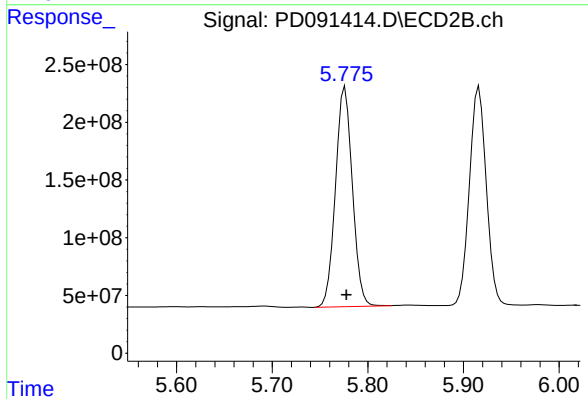
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 2718167388
Conc: 50.05 ng/ml



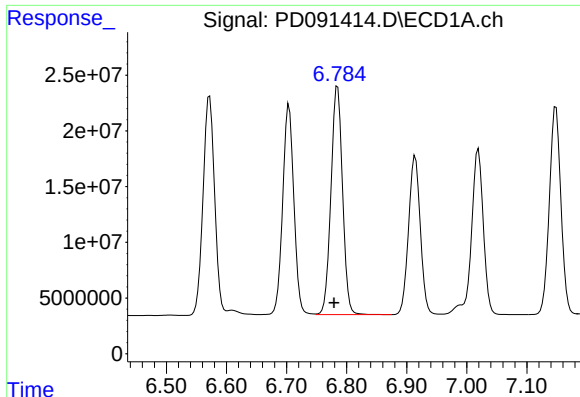
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.006 min
Response: 263252810
Conc: 53.04 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 2335163799
Conc: 51.67 ng/ml



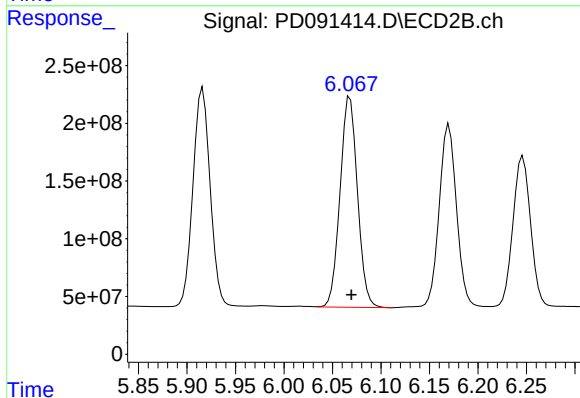
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 274493554
Conc: 49.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

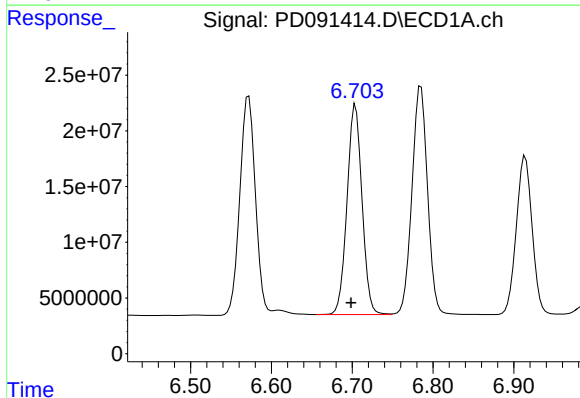
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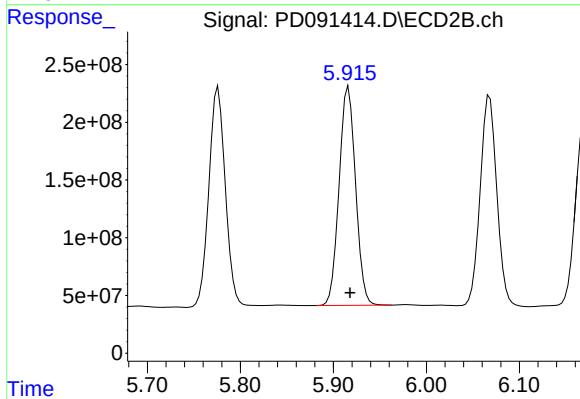
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2274925595
Conc: 48.73 ng/ml



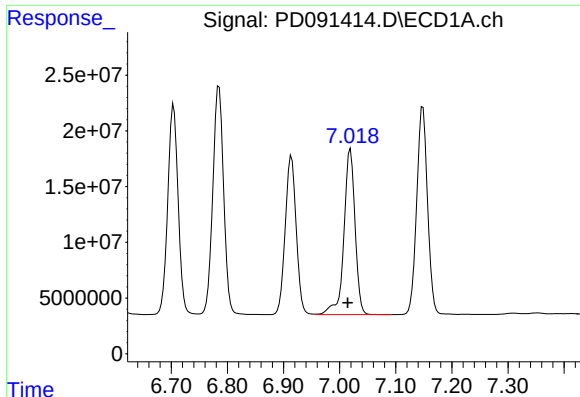
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.006 min
Response: 242800691
Conc: 49.44 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2328311413
Conc: 47.64 ng/ml



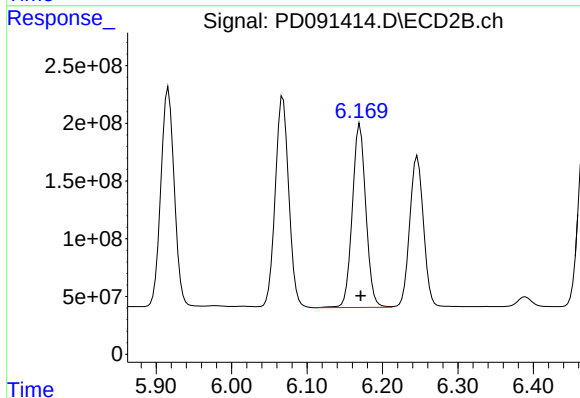
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 204912863
Conc: 49.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

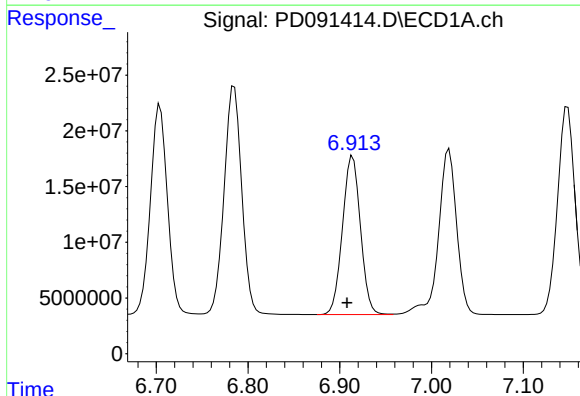
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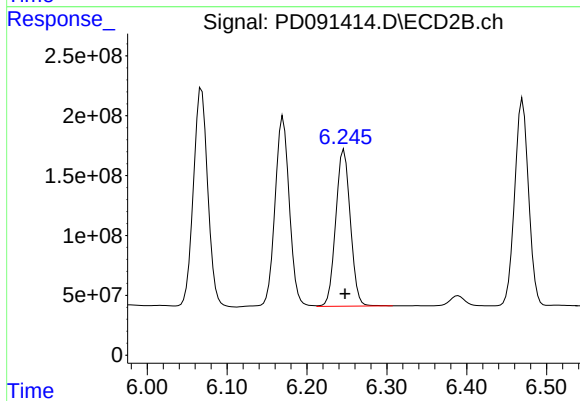
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 1986788593
Conc: 50.77 ng/ml



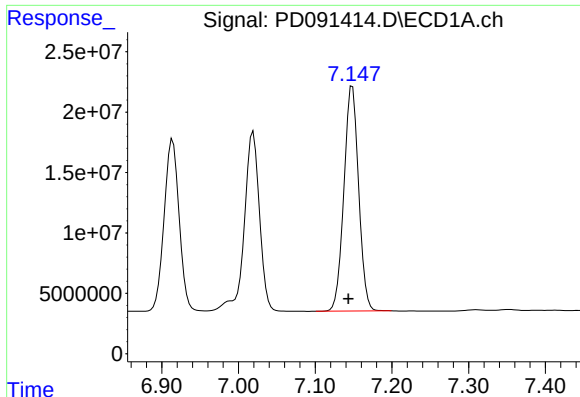
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 193606151
Conc: 46.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 1659658421
Conc: 47.03 ng/ml



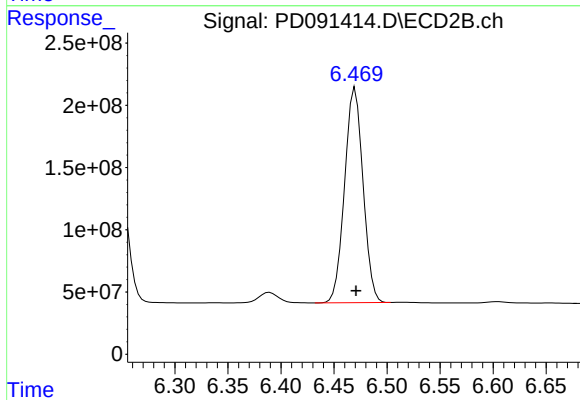
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 249394801
Conc: 48.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

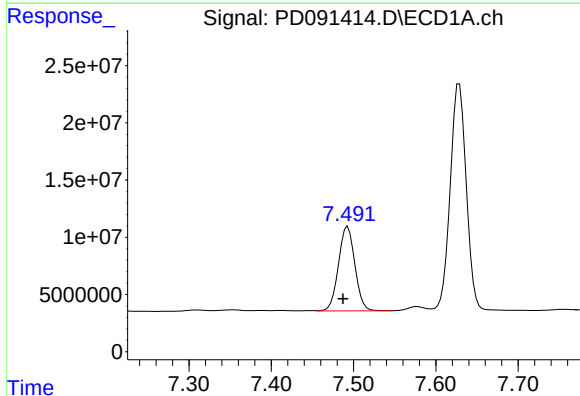
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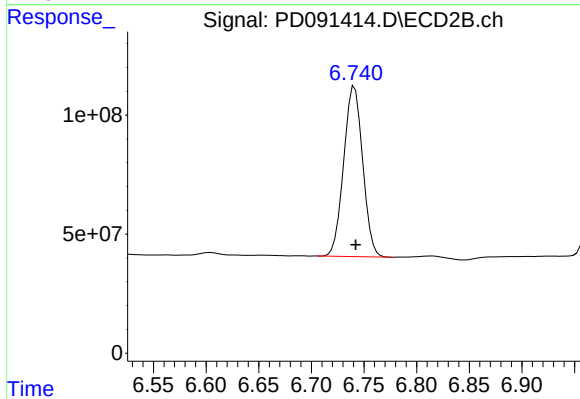
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2084009165
Conc: 46.48 ng/ml



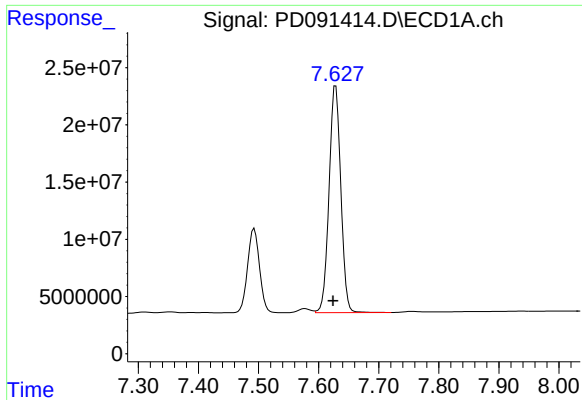
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 102391076
Conc: 47.09 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 902178047
Conc: 44.99 ng/ml



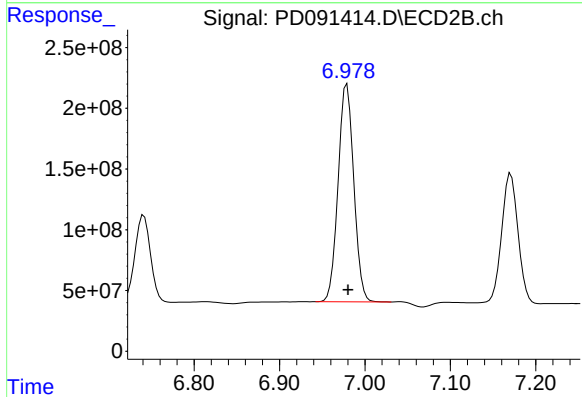
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.005 min
Response: 270082199
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

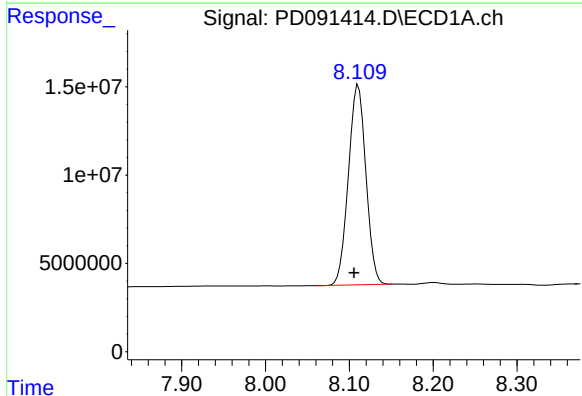
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



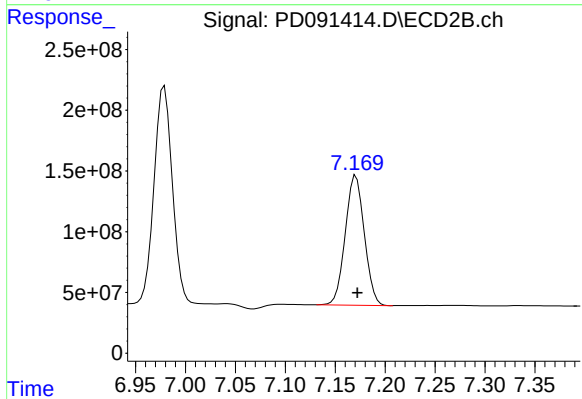
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2289692930
Conc: 44.93 ng/ml



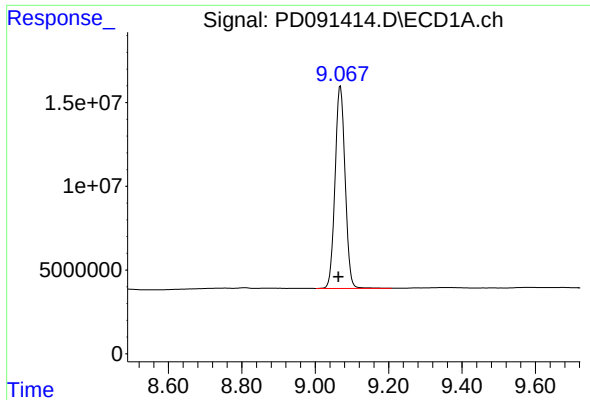
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.005 min
Response: 164481206
Conc: 46.24 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1418110166
Conc: 42.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.005 min
Response: 230240491
Conc: 46.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

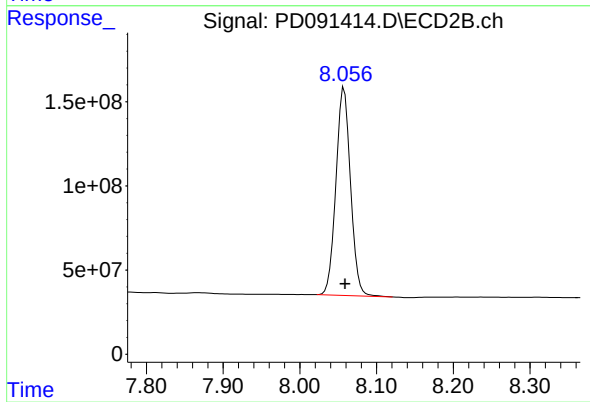
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1630464703
Conc: 41.20 ng/ml