

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 19:13
 Operator : AR\AJ
 Sample : Q3179-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EME-TS14-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:33:18 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...	3.545	2.876	57410072	454.9E6	17.662	16.574
28)	SA Decachlor...	9.063	8.062	71487004	439.4E6	14.816	13.556
Target Compounds							
2)	A alpha-BHC	3.995	3.387	293.3E6	1744.9E6	41.993	39.854
3)	MA gamma-BHC...	4.324	3.723	271.7E6	1627.1E6	41.060m	39.943
4)	MA Heptachlor	4.923	4.075	243.3E6	1436.1E6	36.787	35.269
5)	MB Aldrin	5.265	4.361	221.9E6	1370.7E6	34.950	34.323
6)	B beta-BHC	4.512	4.019	102.8E6	711.9E6	39.863	41.068
7)	B delta-BHC	4.759	4.256	272.2E6	1622.5E6	42.148m	39.290
8)	B Heptachlo...	5.684	4.864	228.3E6	1647.1E6	39.951	44.679
9)	A Endosulfan I	6.066	5.238	227.5E6	1379.5E6	42.116m	39.864
10)	B gamma-Chl...	5.940	5.117	215.6E6	1490.7E6	37.743	37.945
11)	B alpha-Chl...	6.019	5.182	235.6E6	1443.6E6	40.903m	38.327
12)	B 4,4'-DDE	6.190	5.366	210.1E6	1454.7E6	40.348	38.002
13)	MA Dieldrin	6.340	5.504	244.6E6	1541.0E6	42.434	39.568
14)	MA Endrin	6.568	5.780	212.5E6	1428.4E6	43.424	39.865
15)	B Endosulfa...	6.780	6.072	210.3E6	1355.0E6	43.113	40.146
16)	A 4,4'-DDD	6.699	5.920	172.3E6	1263.6E6	42.038	38.967
17)	MA 4,4'-DDT	7.015	6.174	192.0E6	1365.3E6	43.129	39.713
18)	B Endrin al...	6.909	6.250	150.6E6	979.2E6	43.890	41.586
19)	B Endosulfa...	7.144	6.474	195.7E6	1302.2E6	42.540	39.834
20)	A Methoxychlor	7.487	6.744	103.6E6	694.1E6	43.965	39.887
21)	B Endrin ke...	7.624	6.982	215.6E6	1389.3E6	43.584	38.483
22)	Mirex	8.105	7.175	142.6E6	990.0E6	38.490m	35.862

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:13
Operator : AR\AJ
Sample : Q3179-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

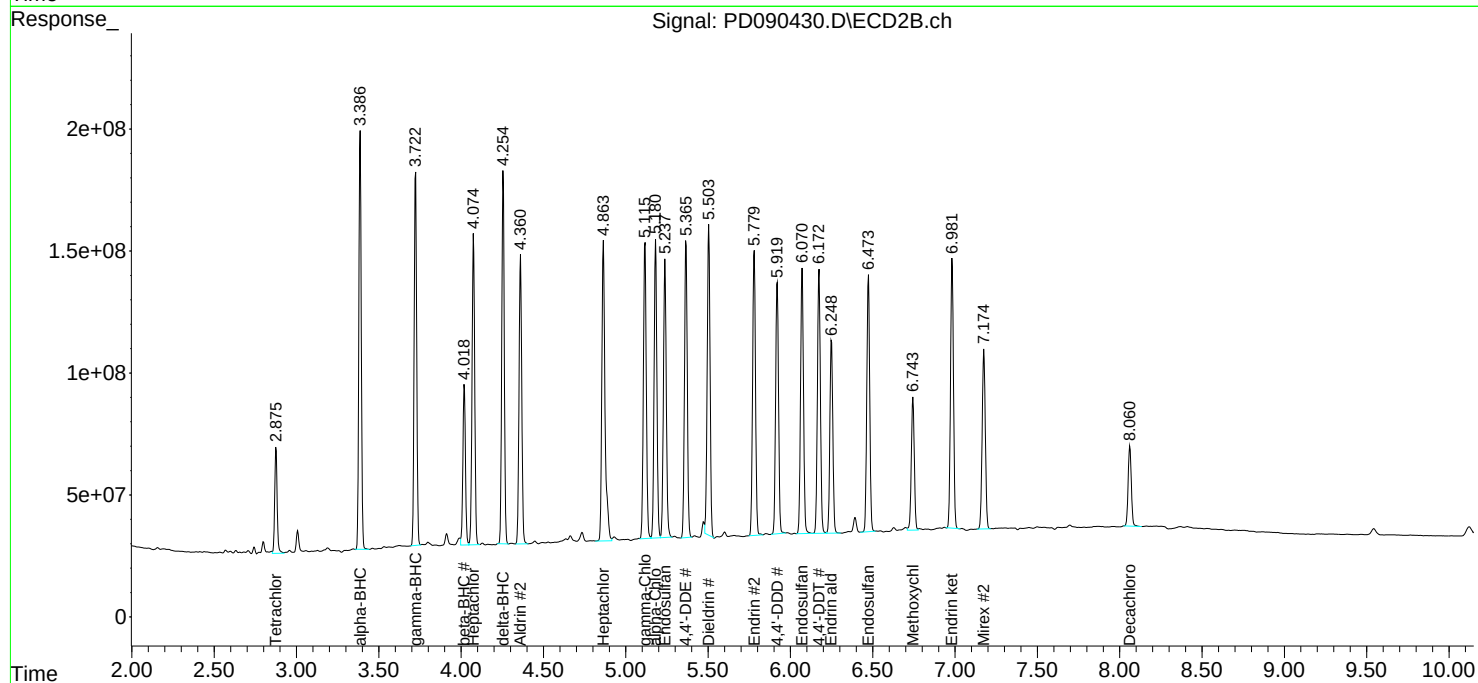
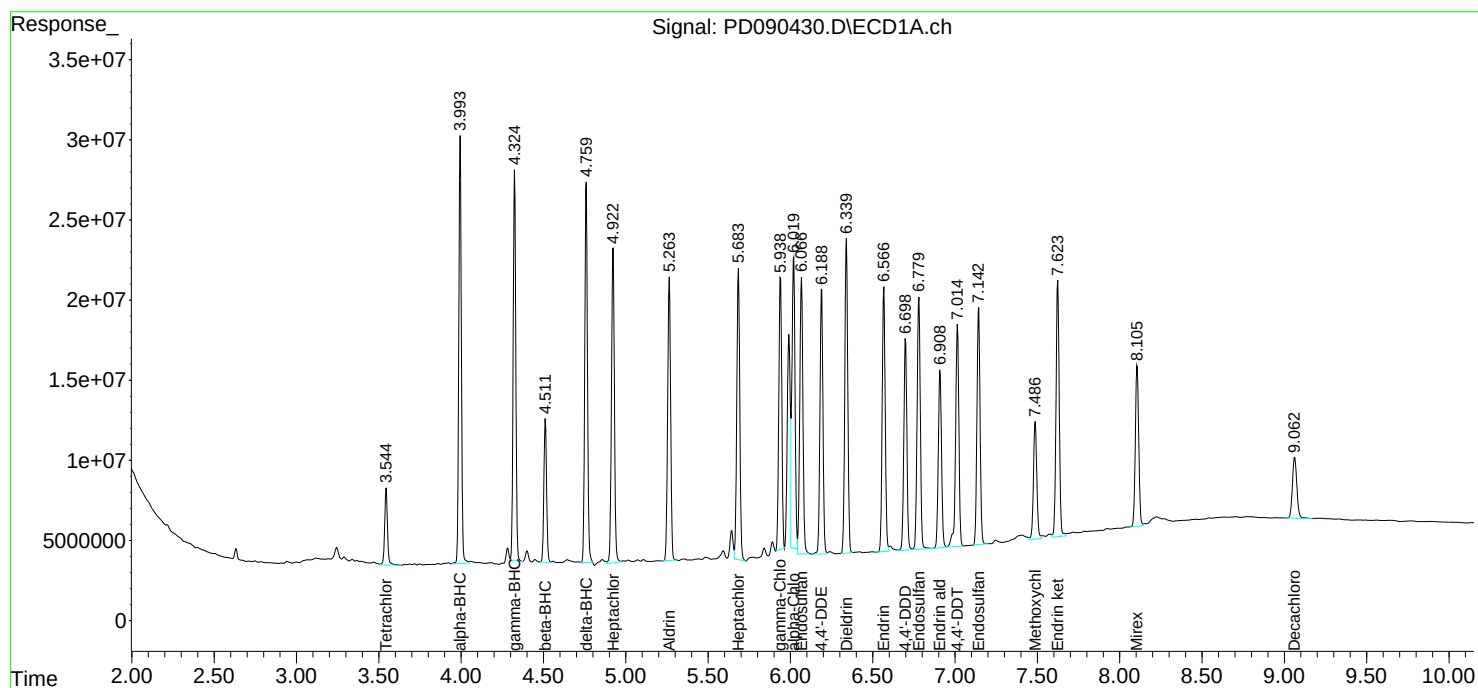
Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

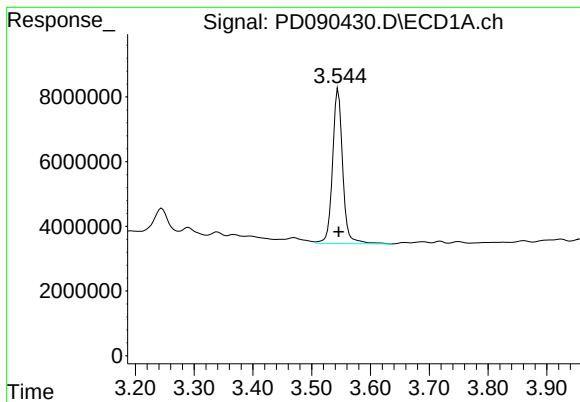
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:18 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





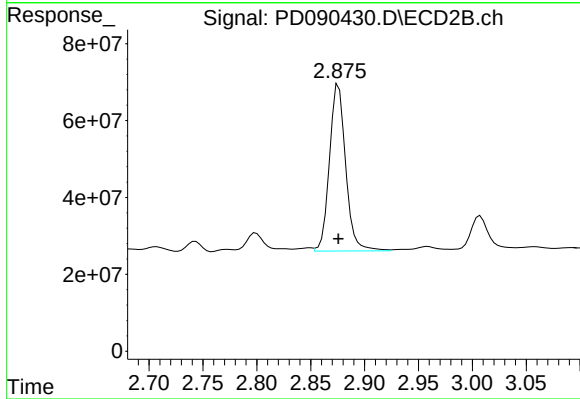
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 57410072
Conc: 17.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

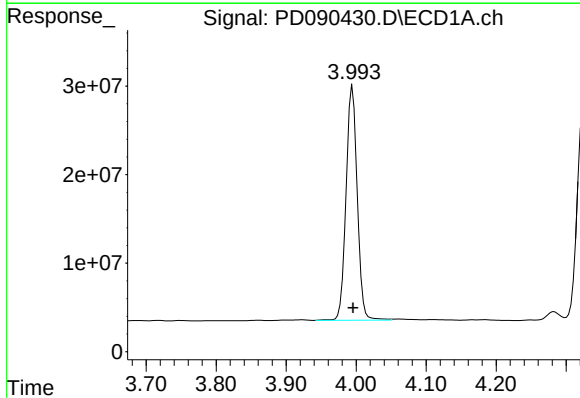
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



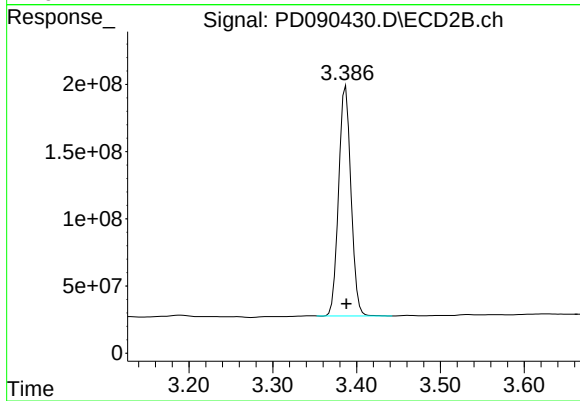
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 454943851
Conc: 16.57 ng/ml



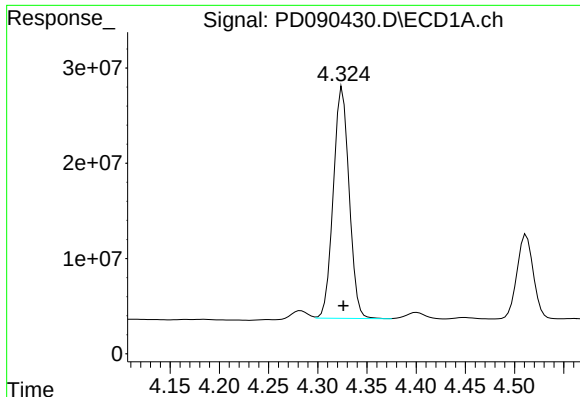
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 293299101
Conc: 41.99 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1744915165
Conc: 39.85 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 271689558
Conc: 41.06 ng/ml

Instrument :

ECD_D

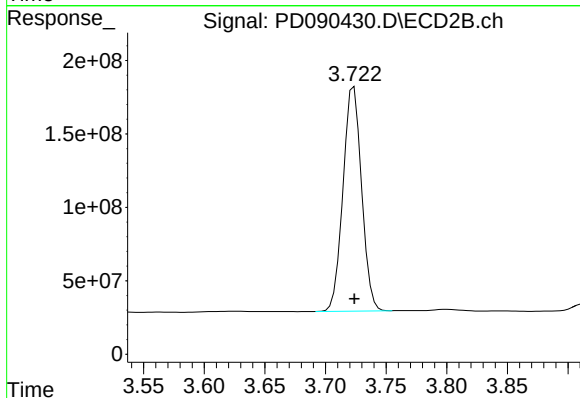
ClientSampleId :

EME-TS14-01MSD

Manual Integrations

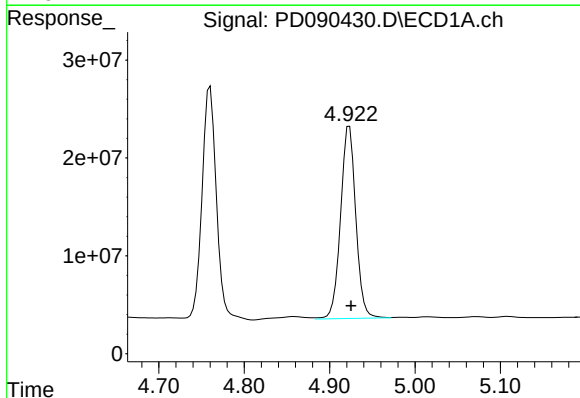
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



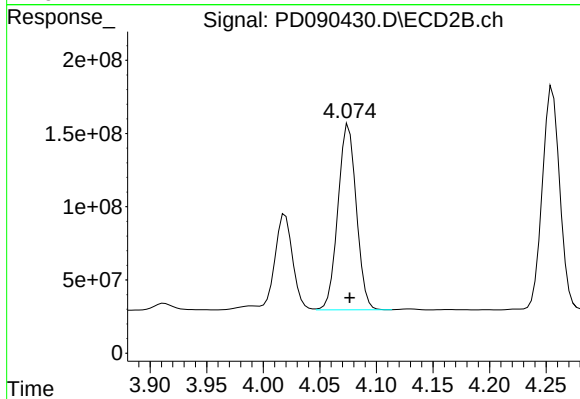
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1627097718
Conc: 39.94 ng/ml



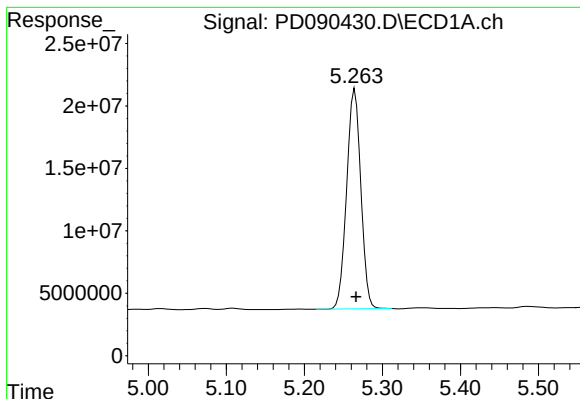
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 243256716
Conc: 36.79 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1436051666
Conc: 35.27 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 221933336
Conc: 34.95 ng/ml

Instrument :

ECD_D

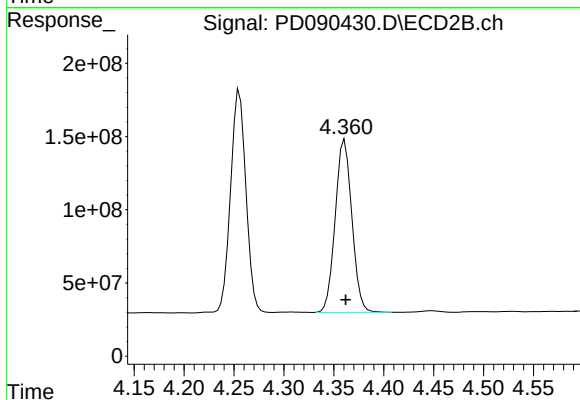
ClientSampleId :

EME-TS14-01MSD

Manual Integrations

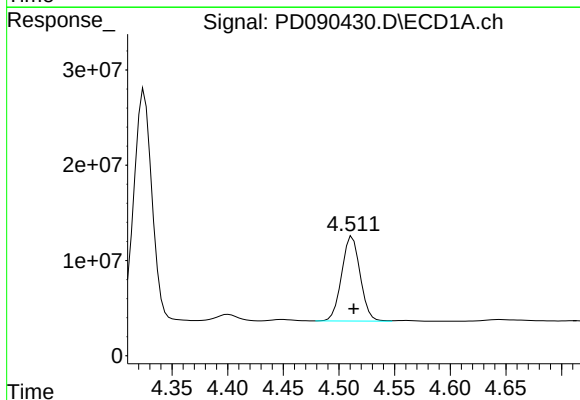
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



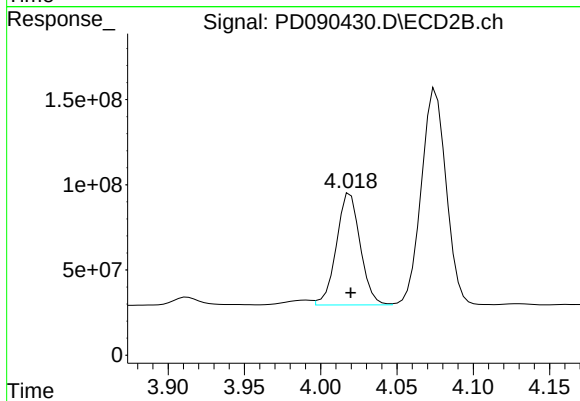
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 1370675604
Conc: 34.32 ng/ml



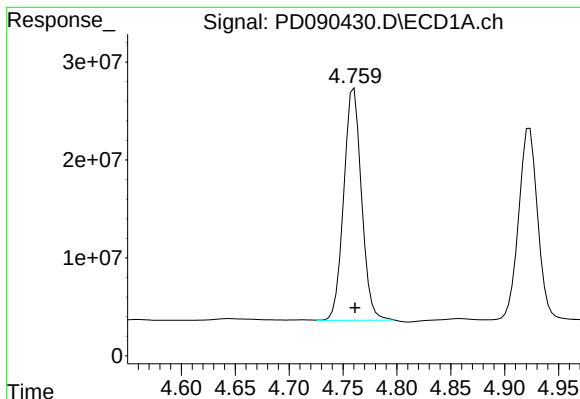
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 102842526
Conc: 39.86 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 711929031
Conc: 41.07 ng/ml



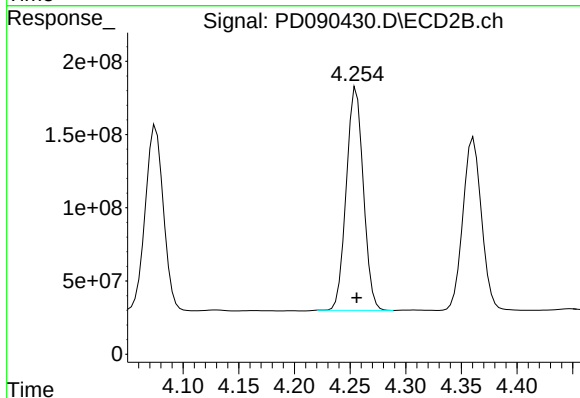
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 272172777
Conc: 42.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

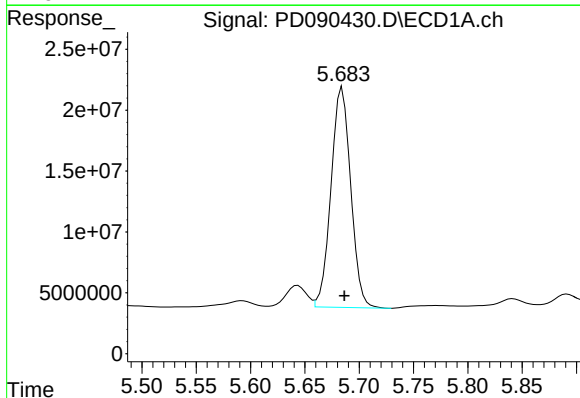
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



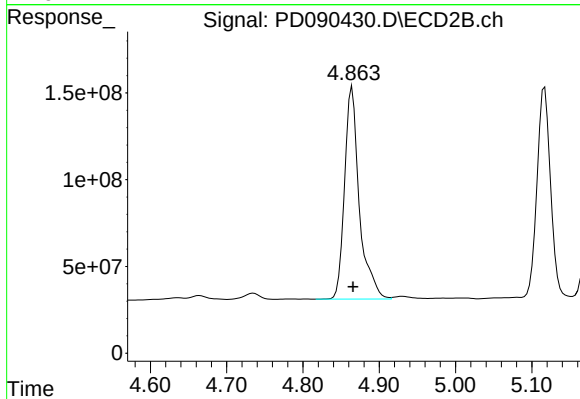
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1622486588
Conc: 39.29 ng/ml



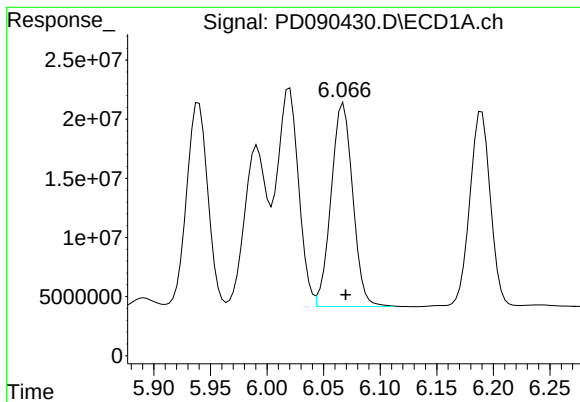
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 228317750
Conc: 39.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 1647078885
Conc: 44.68 ng/ml



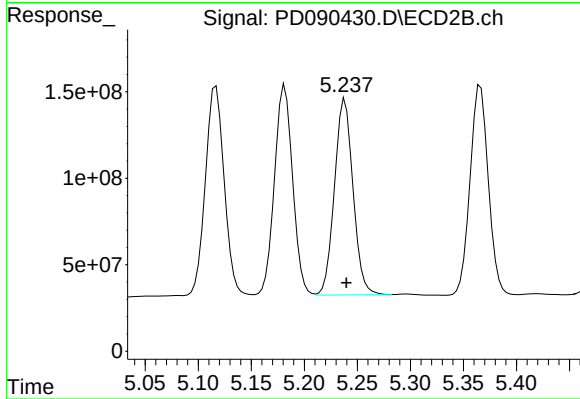
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 227490000
Conc: 42.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

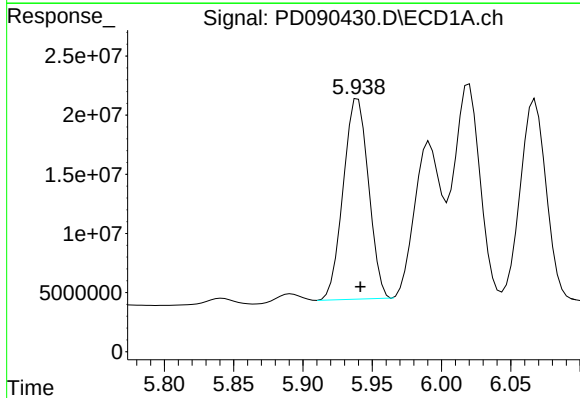
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



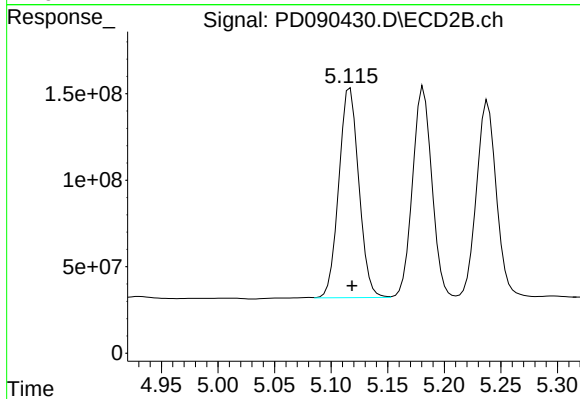
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 1379495638
Conc: 39.86 ng/ml



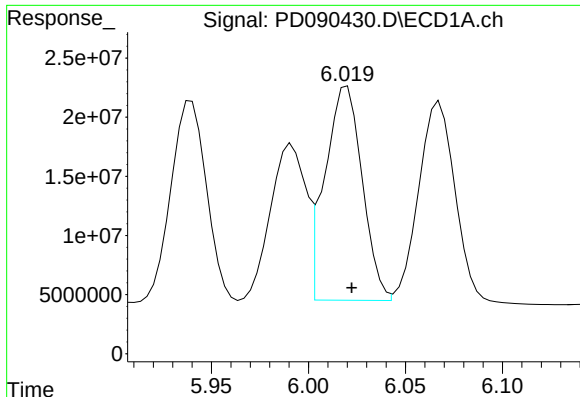
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 215583685
Conc: 37.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 1490724633
Conc: 37.95 ng/ml



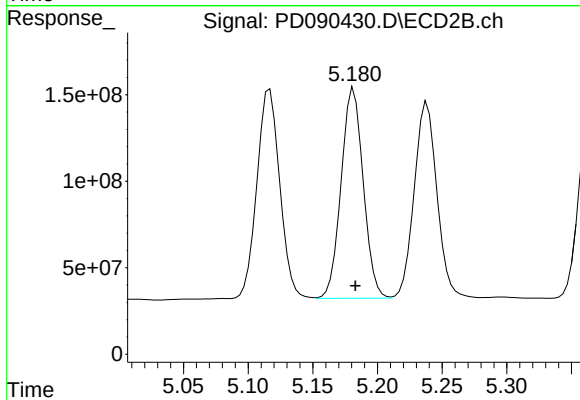
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 235637870
Conc: 40.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

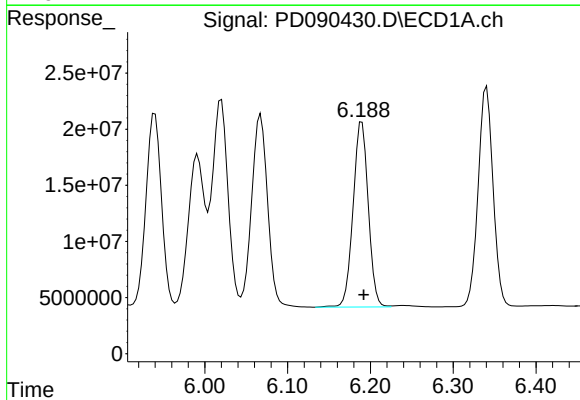
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



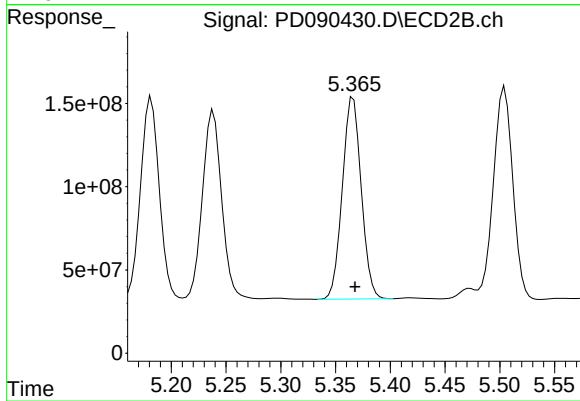
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1443579880
Conc: 38.33 ng/ml



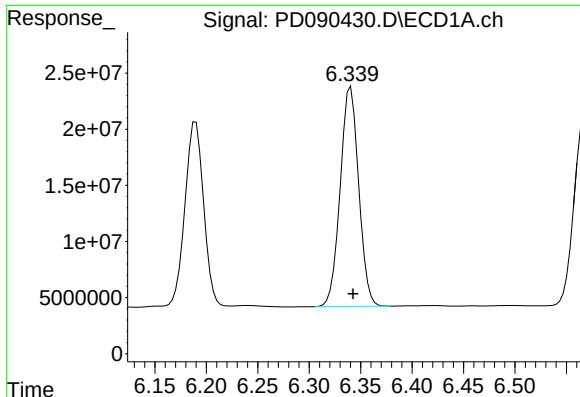
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 210115247
Conc: 40.35 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1454684700
Conc: 38.00 ng/ml



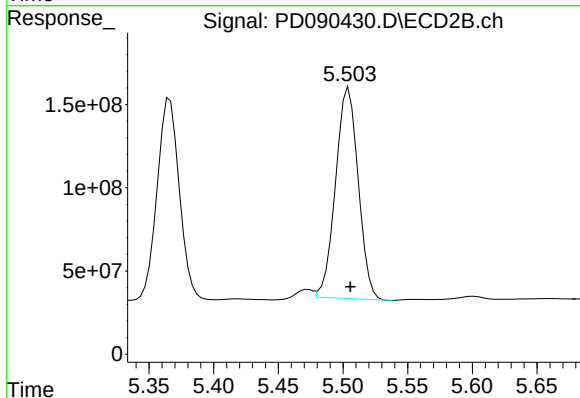
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 244621504
Conc: 42.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

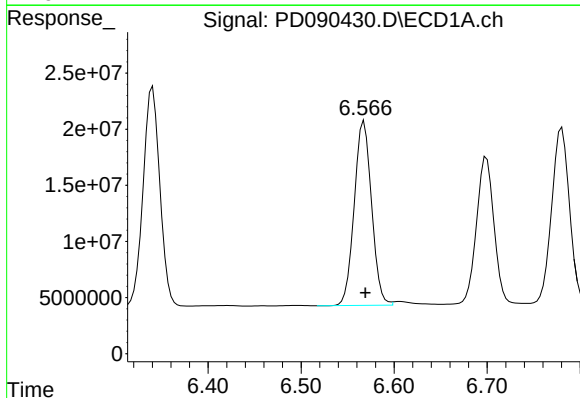
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



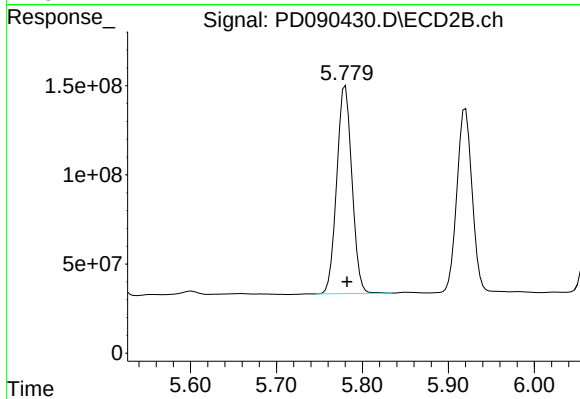
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 1541015297
Conc: 39.57 ng/ml



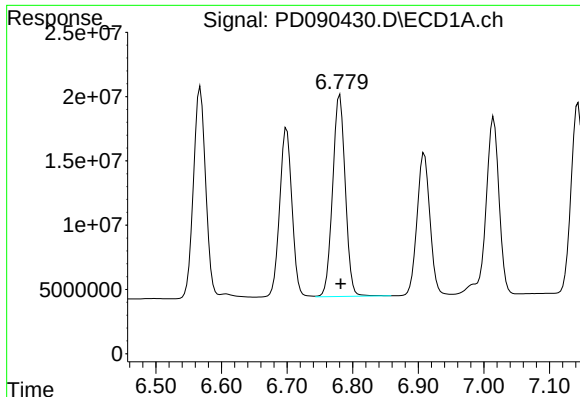
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 212516241
Conc: 43.42 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1428444722
Conc: 39.86 ng/ml



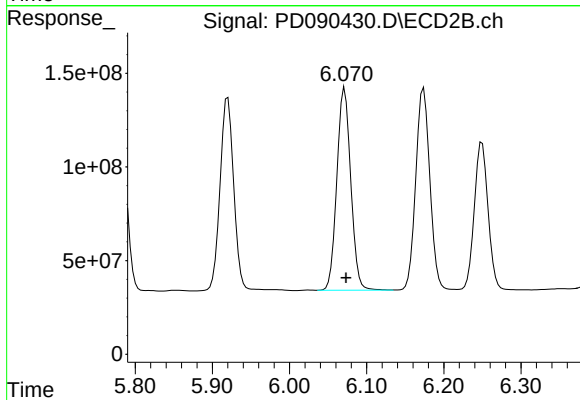
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 210297271
Conc: 43.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

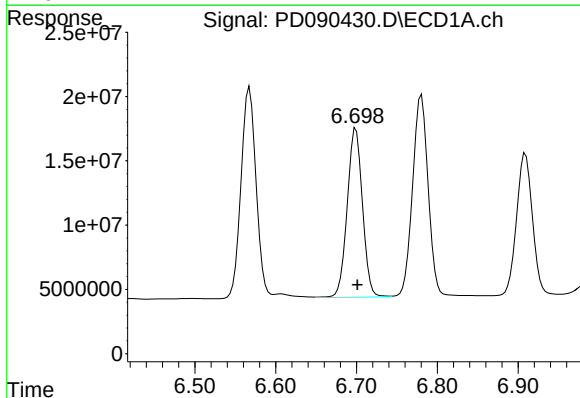
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



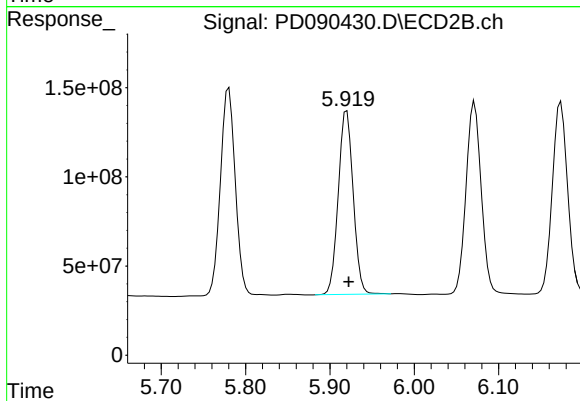
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1354969501
Conc: 40.15 ng/ml



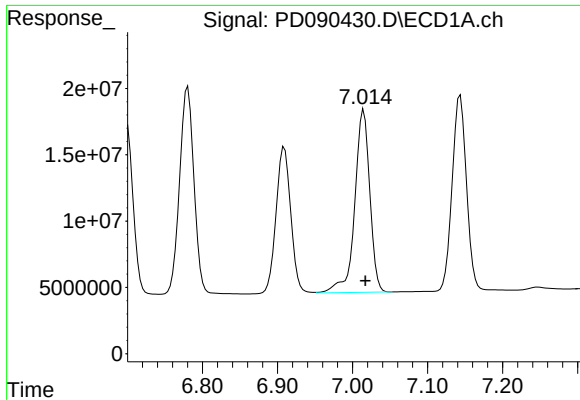
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 172264390
Conc: 42.04 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1263618168
Conc: 38.97 ng/ml



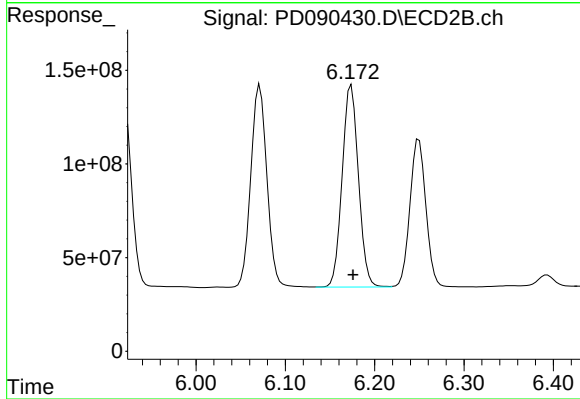
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 192030042
Conc: 43.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

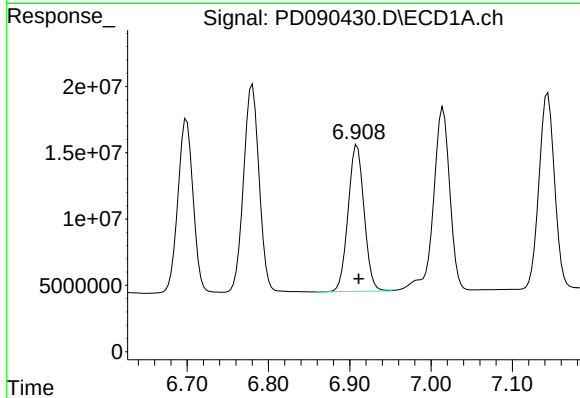
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



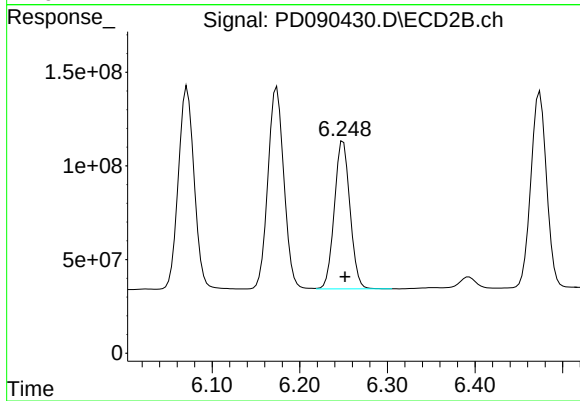
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1365289303
Conc: 39.71 ng/ml



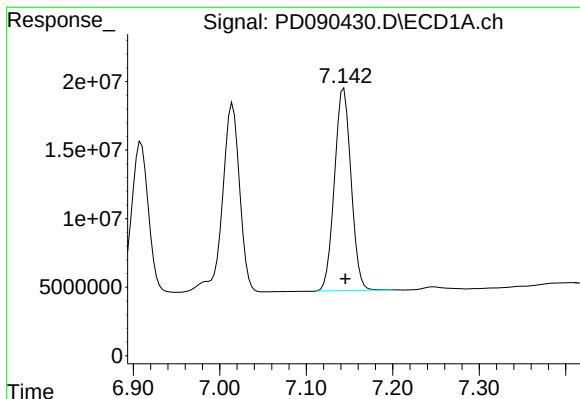
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 150568098
Conc: 43.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 979207769
Conc: 41.59 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 195699160
Conc: 42.54 ng/ml

Instrument :

ECD_D

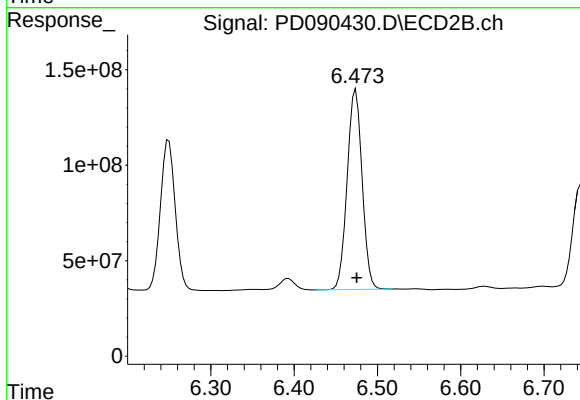
ClientSampleId :

EME-TS14-01MSD

Manual Integrations

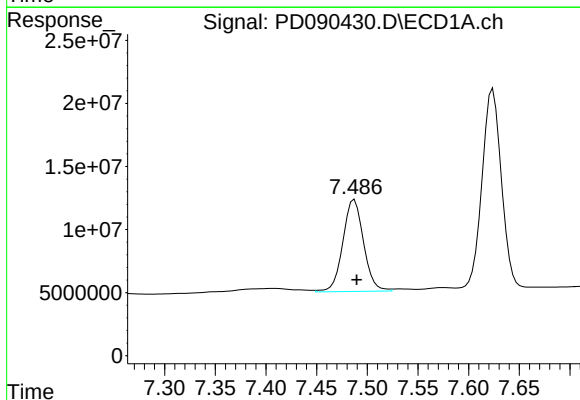
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



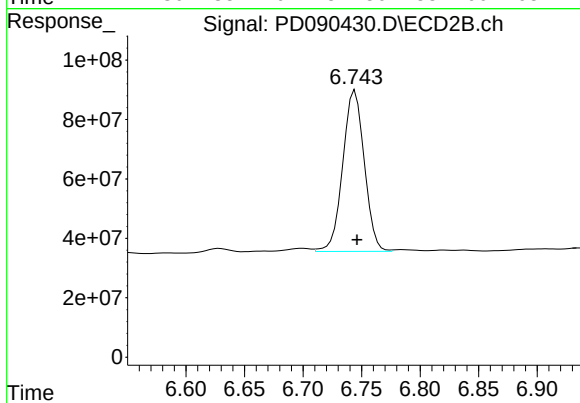
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1302174427
Conc: 39.83 ng/ml



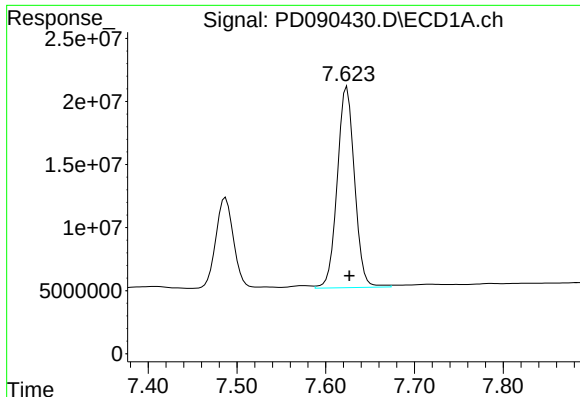
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 103604525
Conc: 43.97 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 694056900
Conc: 39.89 ng/ml



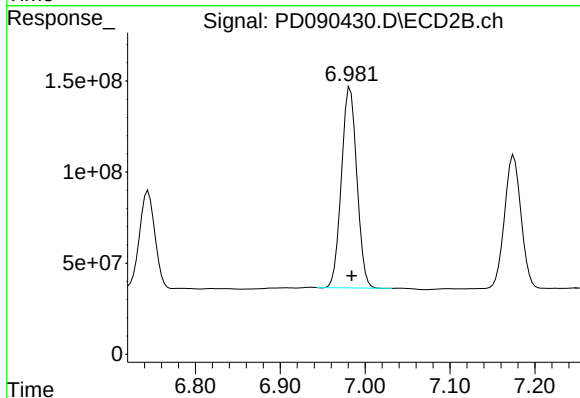
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 215628345
Conc: 43.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MSD

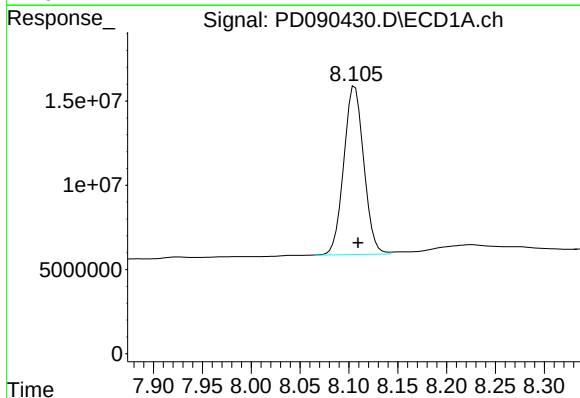
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



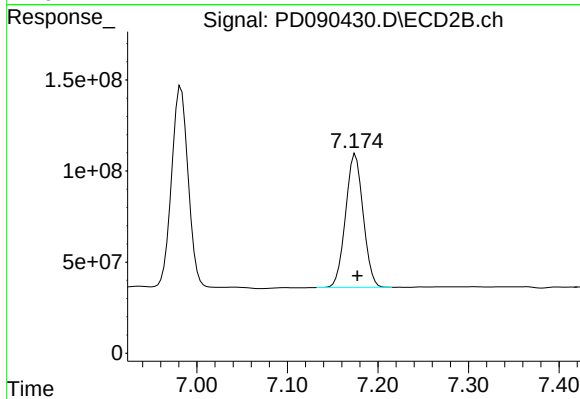
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 1389340212
Conc: 38.48 ng/ml



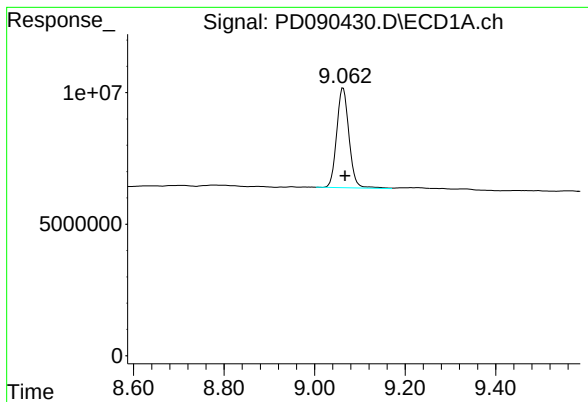
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.005 min
Response: 142598498
Conc: 38.49 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 990021703
Conc: 35.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 71487004
Conc: 14.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

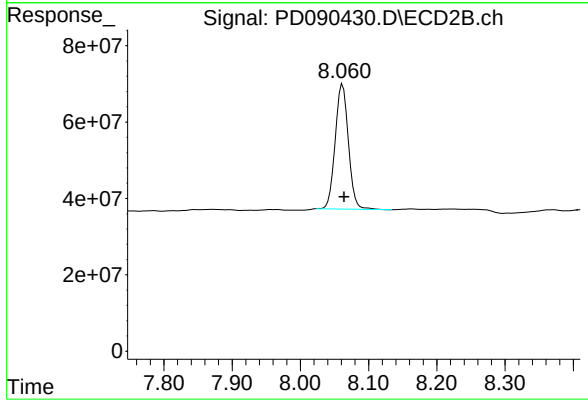
EME-TS14-01MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 439415485
Conc: 13.56 ng/ml