

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 19:36
 Operator : AR\AJ
 Sample : Q3719-10MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1125-15BMSD

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 03:41:17 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...	3.540	2.872	66869503	843.7E6	19.390m	23.033
28)	SA Decachlor...	9.063	8.057	90382003	714.2E6	18.142	18.047
Target Compounds							
2)	A alpha-BHC	3.991	3.384	401.3E6	3341.5E6	50.195	52.870
3)	MA gamma-BHC...	4.320	3.720	391.1E6	3052.7E6	52.333m	52.795
4)	MA Heptachlor	4.919	4.071	358.7E6	2957.5E6	50.079	53.569
5)	MB Aldrin	5.260	4.357	359.6E6	2961.7E6	49.558	52.459
6)	B beta-BHC	4.509	4.016	137.8E6	1277.2E6	47.442	53.156
7)	B delta-BHC	4.758	4.252	386.5E6	3116.6E6	52.004	53.295
8)	B Heptachlo...	5.681	4.860	316.6E6	2755.9E6	48.732	54.080
9)	A Endosulfan I	6.065	5.235	303.1E6	2432.7E6	49.334	50.837
10)	B gamma-Chl...	5.935	5.111	315.4E6	2949.2E6	48.524m	53.988m
11)	B alpha-Chl...	6.018	5.178	319.8E6	2849.2E6	46.465	54.444
12)	B 4,4'-DDE	6.187	5.362	316.2E6	3203.6E6	54.523	59.945
13)	MA Dieldrin	6.338	5.500	322.1E6	2978.0E6	49.823	54.833
14)	MA Endrin	6.565	5.777	265.0E6	2681.3E6	53.399	59.329
15)	B Endosulfa...	6.778	6.069	258.7E6	2525.8E6	46.536	54.109
16)	A 4,4'-DDD	6.698	5.917	237.5E6	2354.1E6	48.351	48.172
17)	MA 4,4'-DDT	7.014	6.170	229.0E6	2471.7E6	55.379	63.163
18)	B Endrin al...	6.907	6.247	191.5E6	1816.4E6	45.977	51.473
19)	B Endosulfa...	7.142	6.470	237.4E6	2357.4E6	46.149	52.581
20)	A Methoxychlor	7.486	6.741	110.9E6	1096.7E6	51.023	54.693
21)	B Endrin ke...	7.623	6.979	261.8E6	2475.3E6	46.469	48.576
22)	Mirex	8.105	7.172	149.8E6	1574.5E6	42.125	47.510

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
Data File : PD091393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2025 19:36
Operator : AR\AJ
Sample : Q3719-10MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

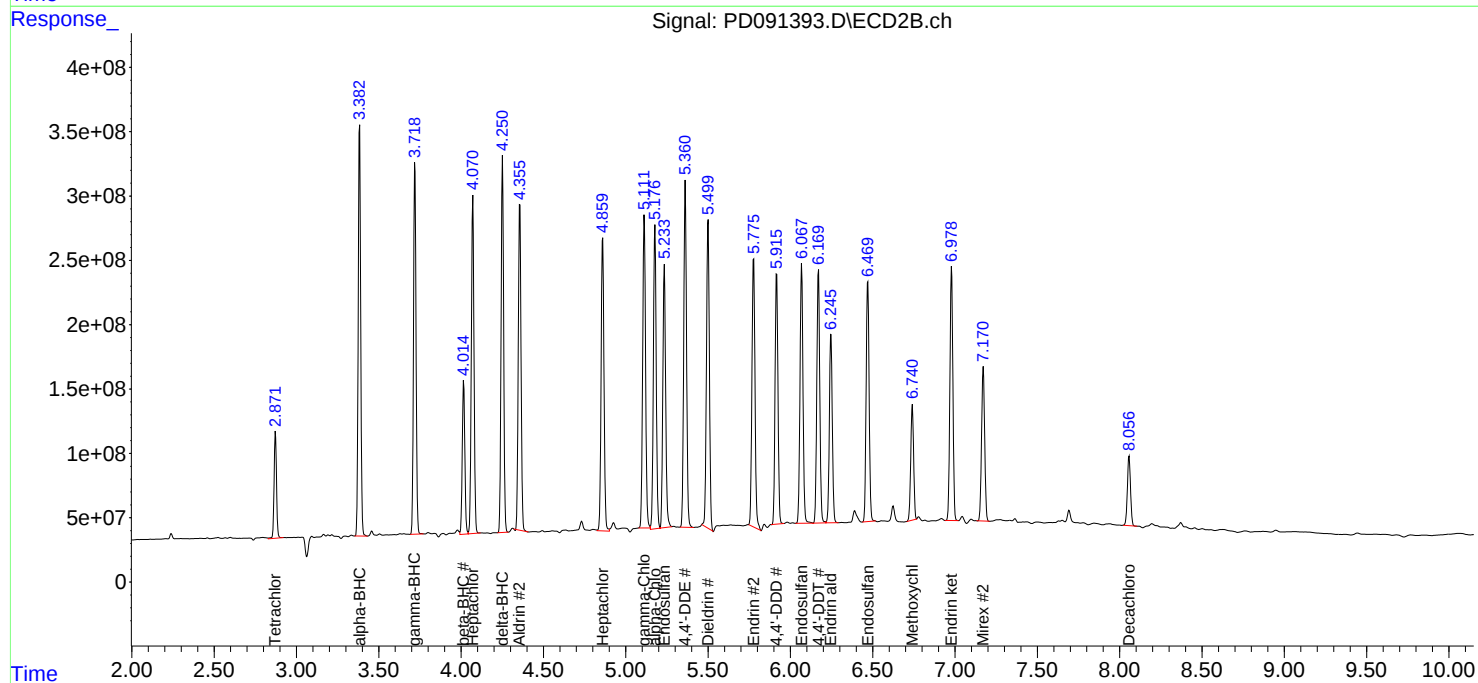
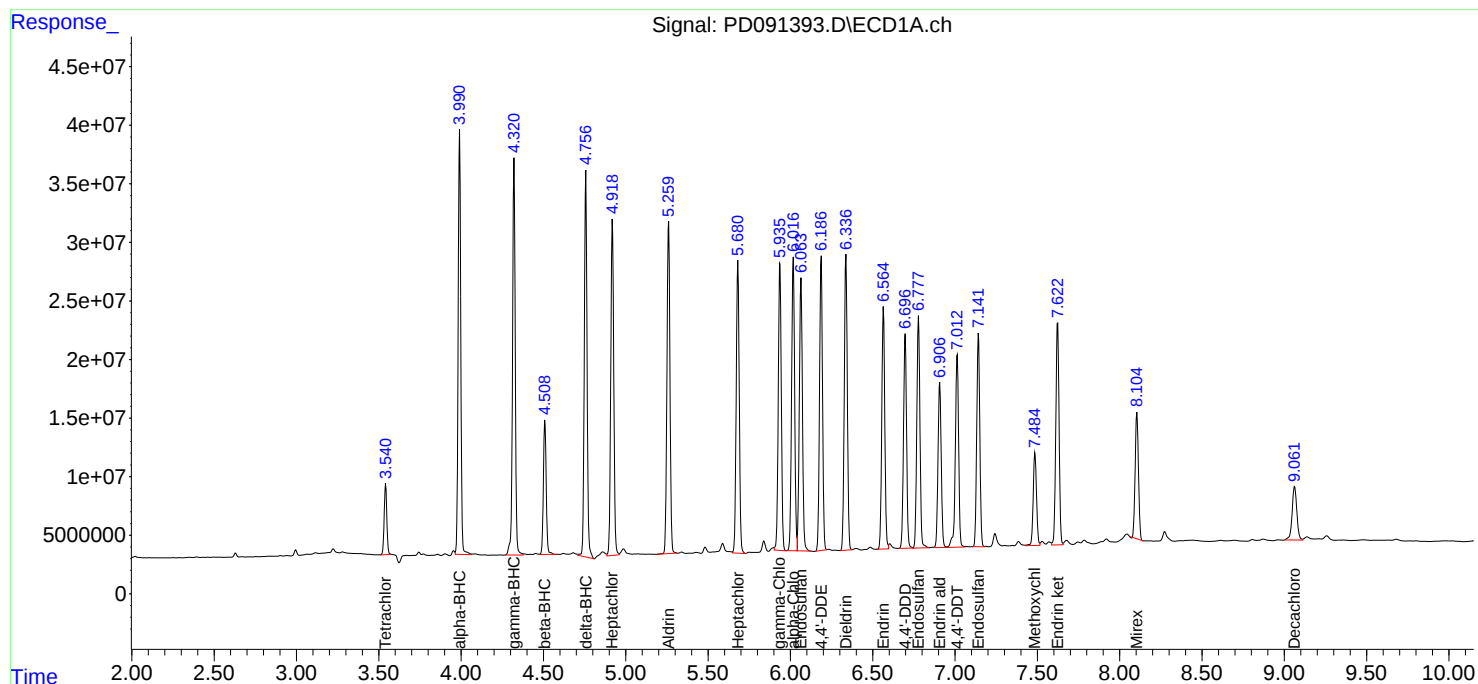
Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

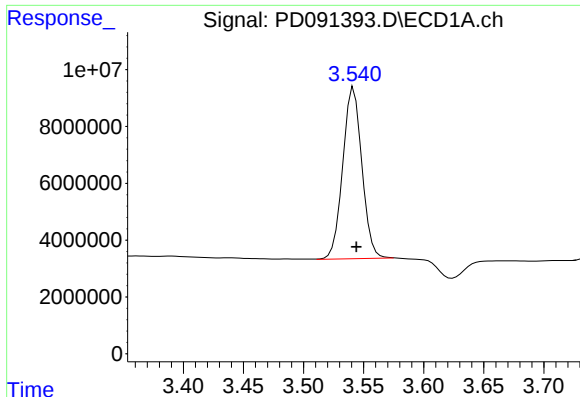
Manual Integrations
APPROVED

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 03:41:17 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





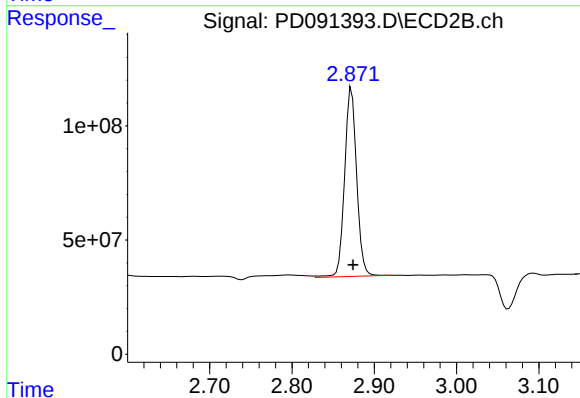
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 66869503
Conc: 19.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

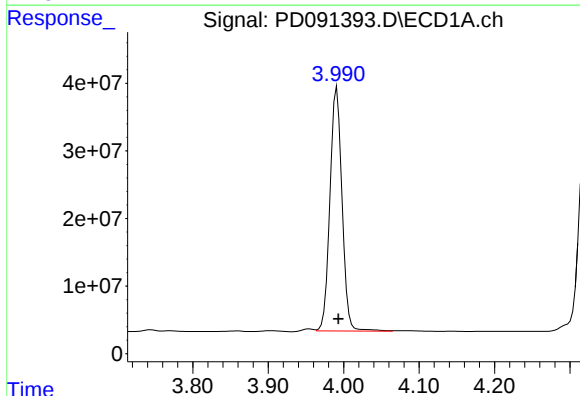
Manual Integrations
APPROVED

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



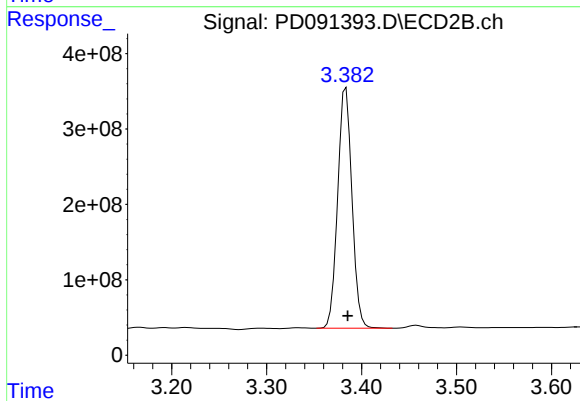
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 843715829
Conc: 23.03 ng/ml



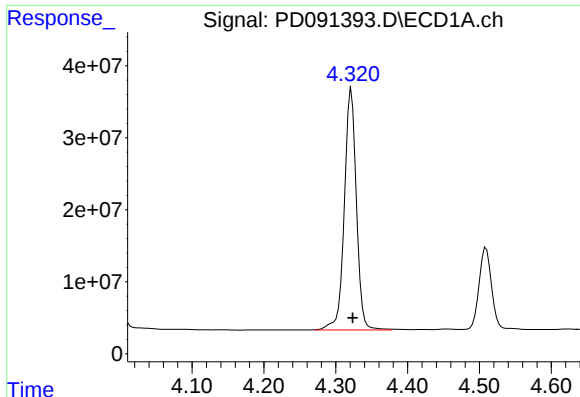
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 401331461
Conc: 50.19 ng/ml



#2 alpha-BHC

R.T.: 3.384 min
Delta R.T.: -0.002 min
Response: 3341517780
Conc: 52.87 ng/ml



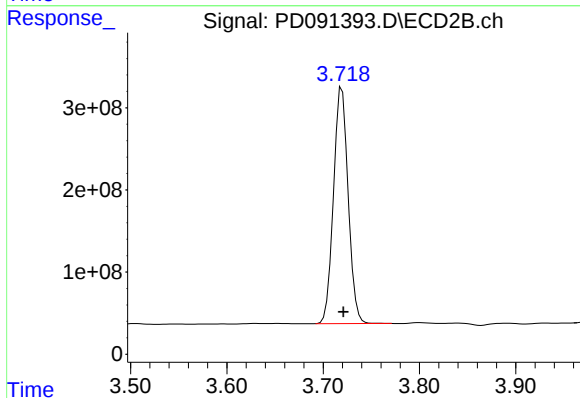
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: -0.003 min
Response: 391077968
Conc: 52.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

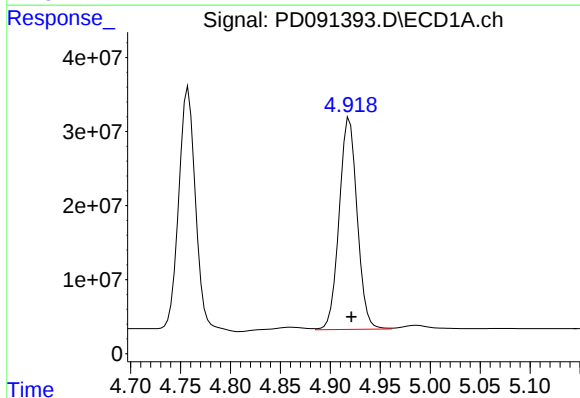
Manual Integrations
APPROVED

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



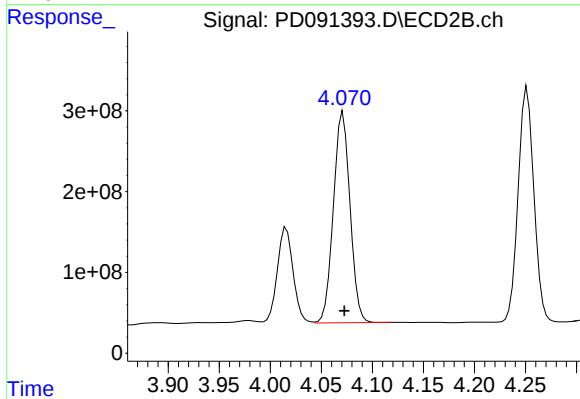
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.001 min
Response: 3052686547
Conc: 52.80 ng/ml



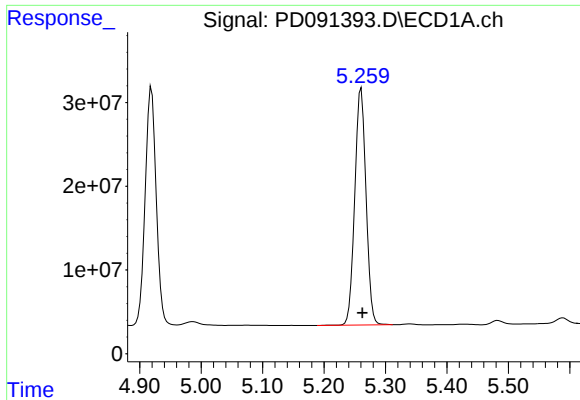
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 358650902
Conc: 50.08 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.001 min
Response: 2957522284
Conc: 53.57 ng/ml



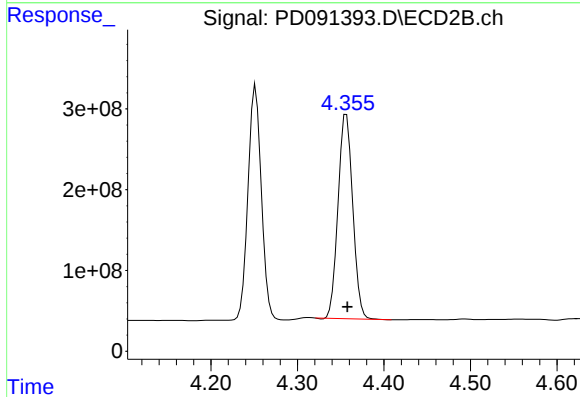
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 359610298
Conc: 49.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

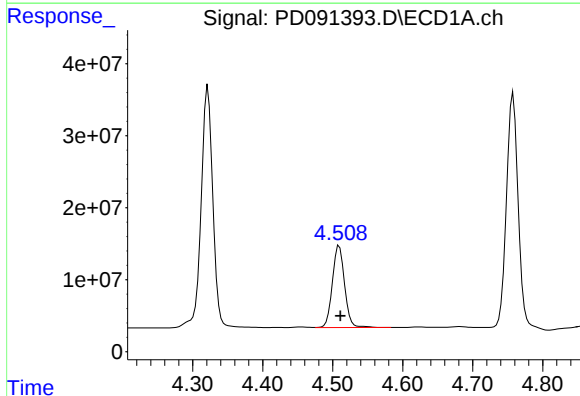
Manual Integrations
APPROVED

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



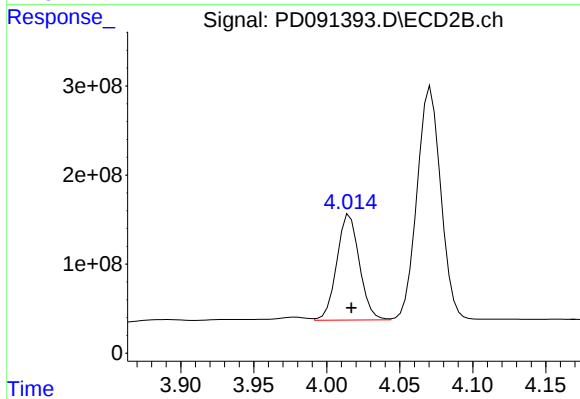
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 2961741304
Conc: 52.46 ng/ml



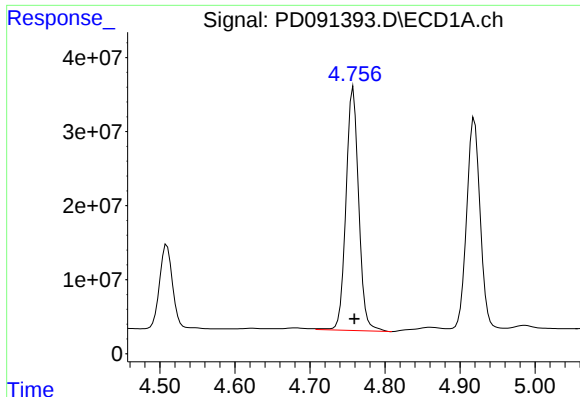
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 137842507
Conc: 47.44 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 1277194071
Conc: 53.16 ng/ml



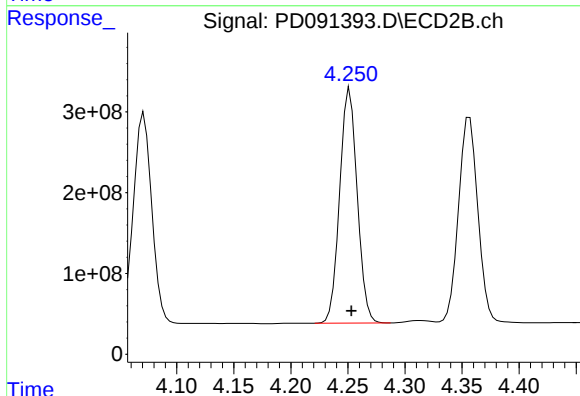
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 386496322
Conc: 52.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

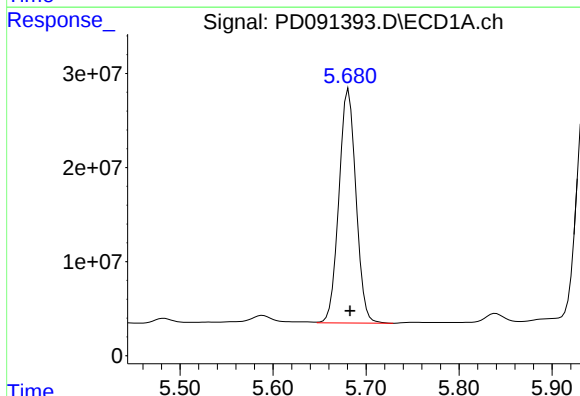
Manual Integrations
APPROVED

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



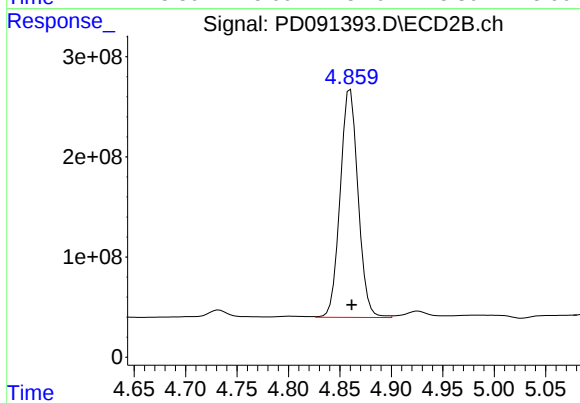
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3116552288
Conc: 53.30 ng/ml



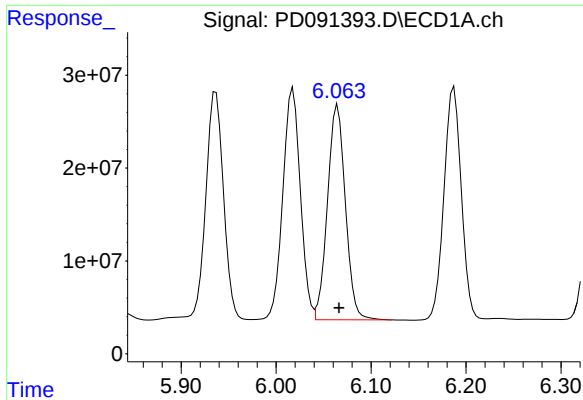
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 316597033
Conc: 48.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 2755865981
Conc: 54.08 ng/ml



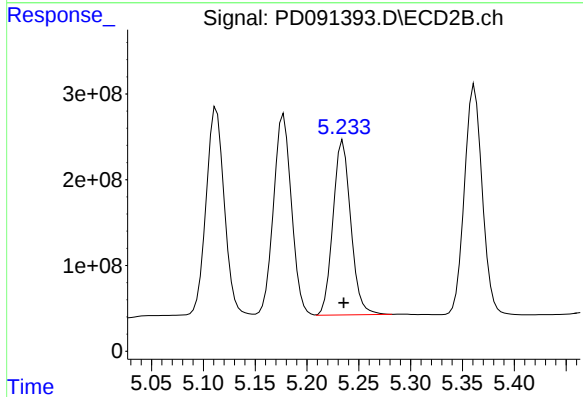
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 303057738
Conc: 49.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

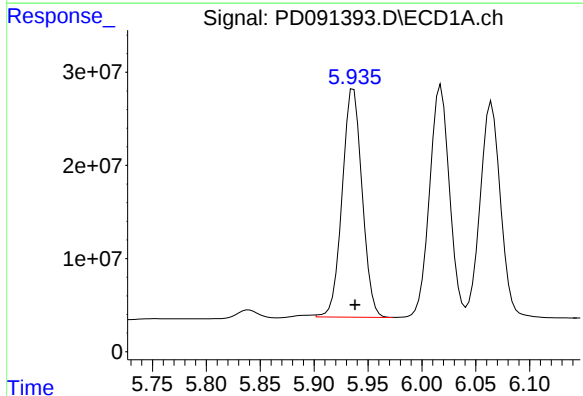
Manual Integrations
APPROVED

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



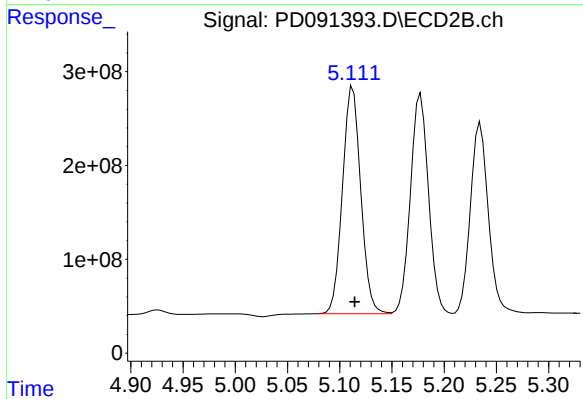
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2432651366
Conc: 50.84 ng/ml



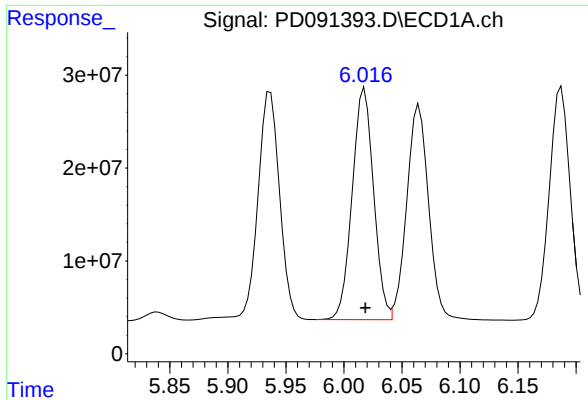
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 315441273
Conc: 48.52 ng/ml m



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 2949229677
Conc: 53.99 ng/ml m



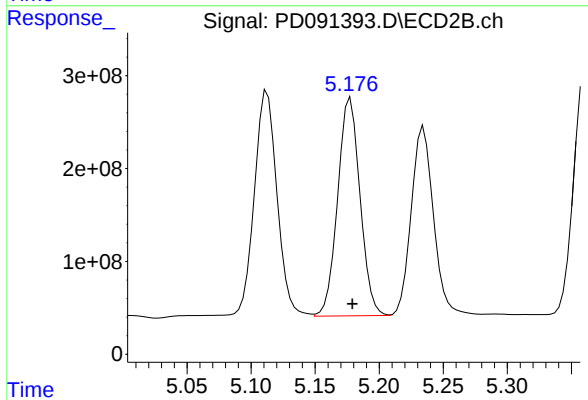
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 319811968
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

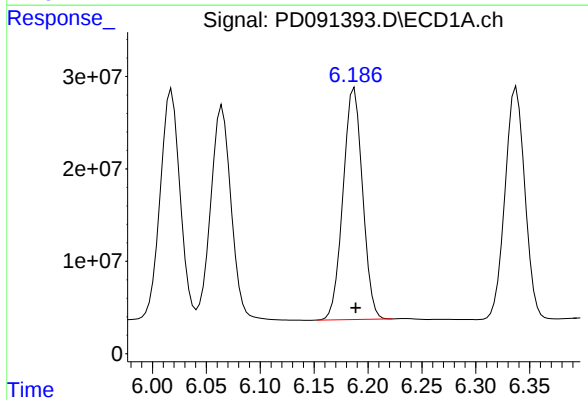
Manual Integrations
APPROVED

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



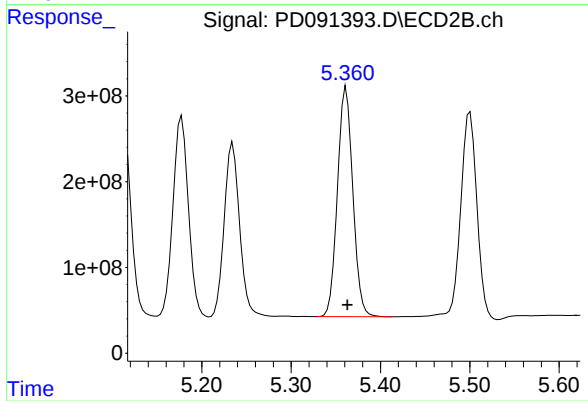
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 2849150200
Conc: 54.44 ng/ml



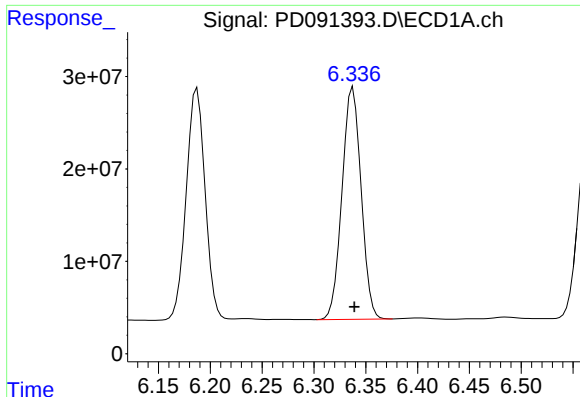
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 316199673
Conc: 54.52 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 3203580213
Conc: 59.94 ng/ml



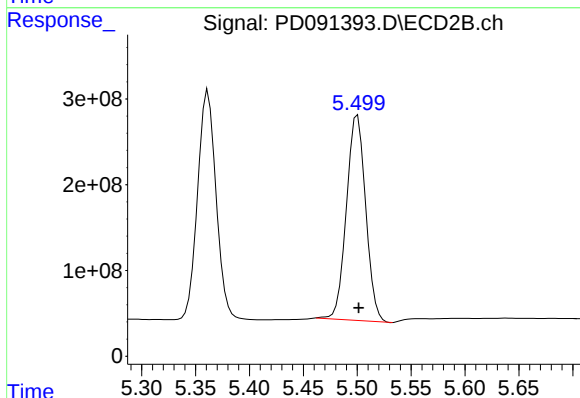
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 322104750
Conc: 49.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

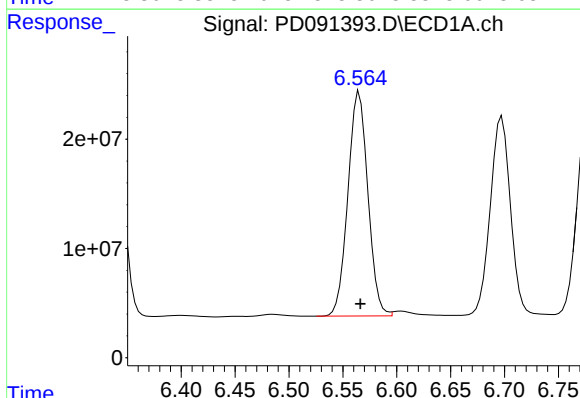
Manual Integrations
APPROVED

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



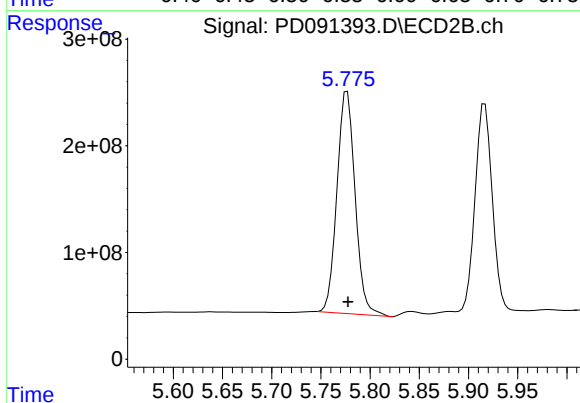
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 2978028218
Conc: 54.83 ng/ml



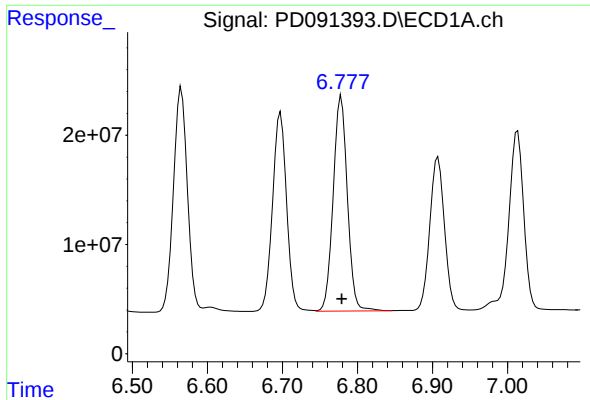
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 265043986
Conc: 53.40 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2681251799
Conc: 59.33 ng/ml



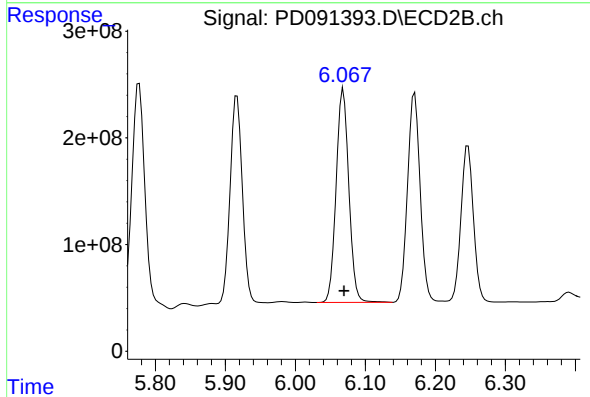
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 258709891
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

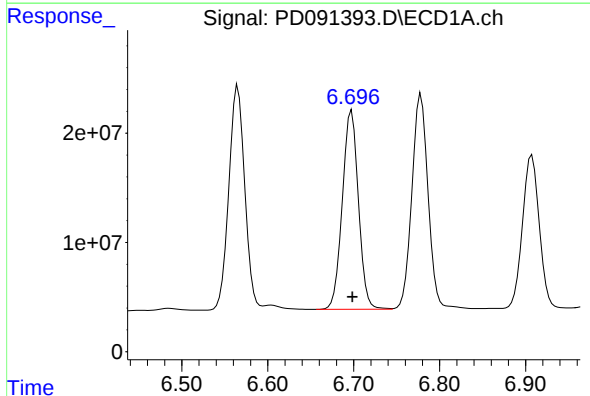
Manual Integrations
APPROVED

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



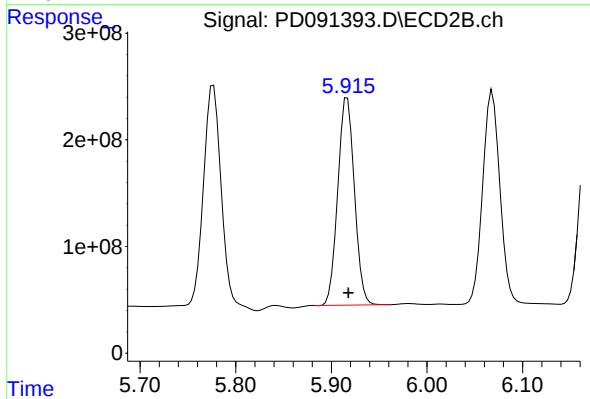
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2525812413
Conc: 54.11 ng/ml



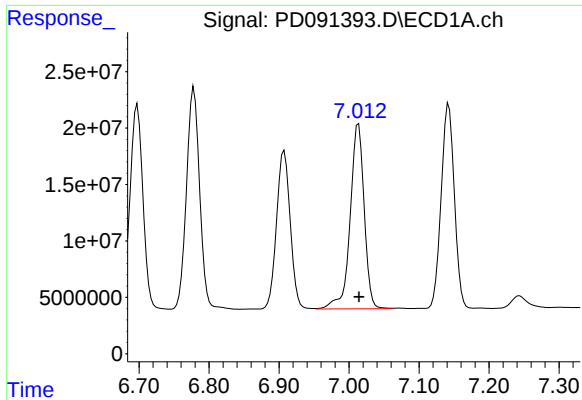
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 237477996
Conc: 48.35 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 2354082068
Conc: 48.17 ng/ml



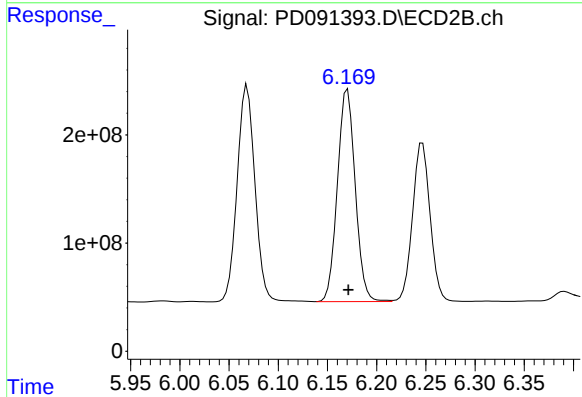
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 229022122
Conc: 55.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

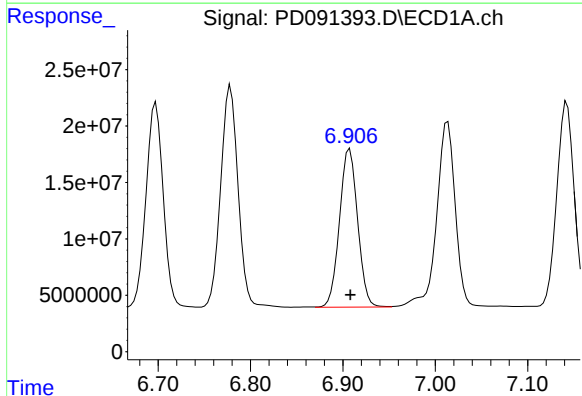
Manual Integrations
APPROVED

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



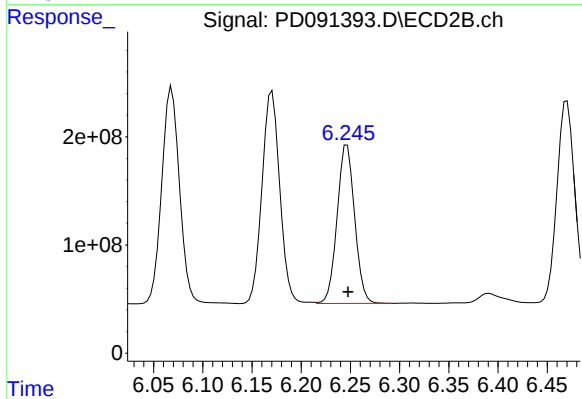
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 2471714641
Conc: 63.16 ng/ml



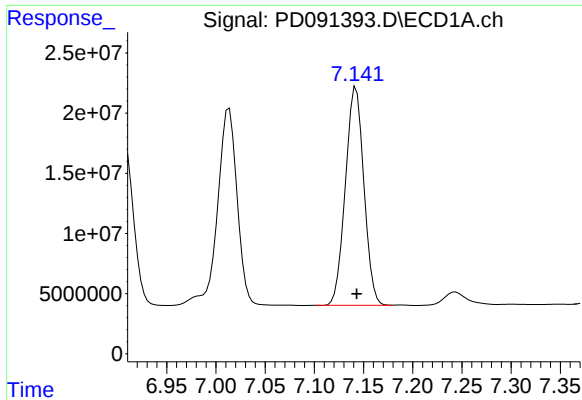
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 191542646
Conc: 45.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.001 min
Response: 1816449970
Conc: 51.47 ng/ml



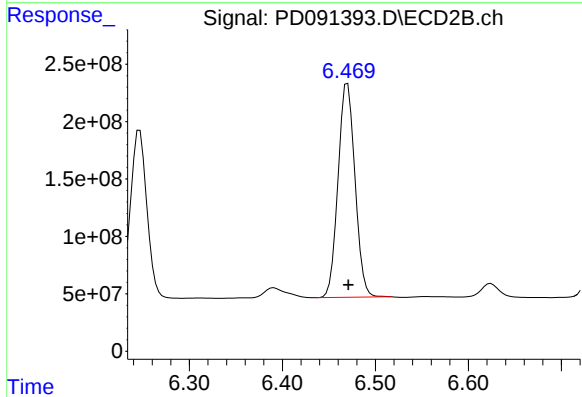
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 237425580
Conc: 46.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

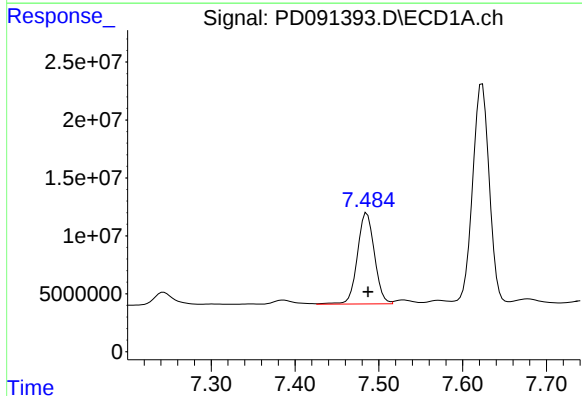
Manual Integrations
APPROVED

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



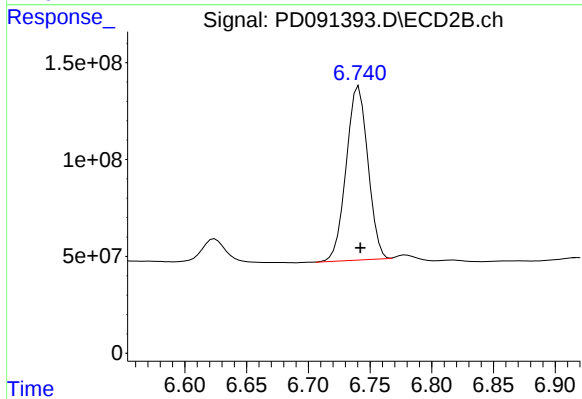
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2357448940
Conc: 52.58 ng/ml



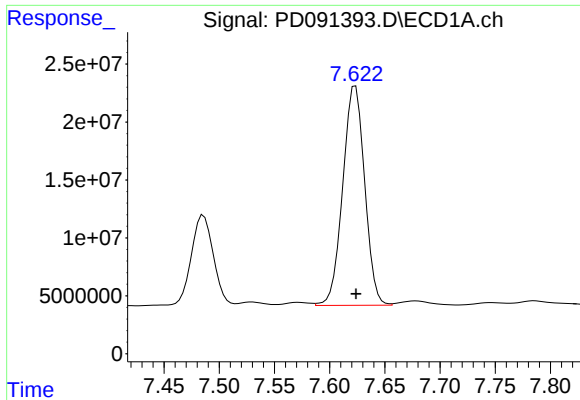
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 110940098
Conc: 51.02 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 1096673884
Conc: 54.69 ng/ml



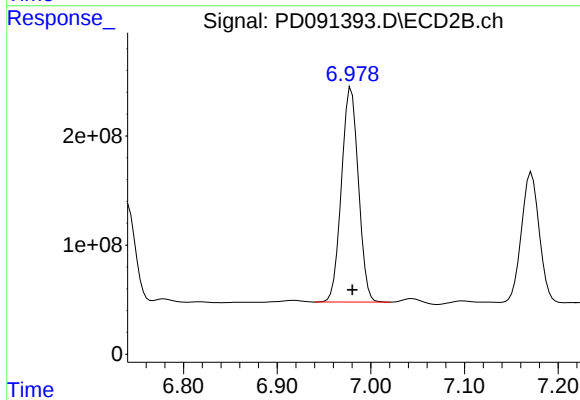
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 261788373
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

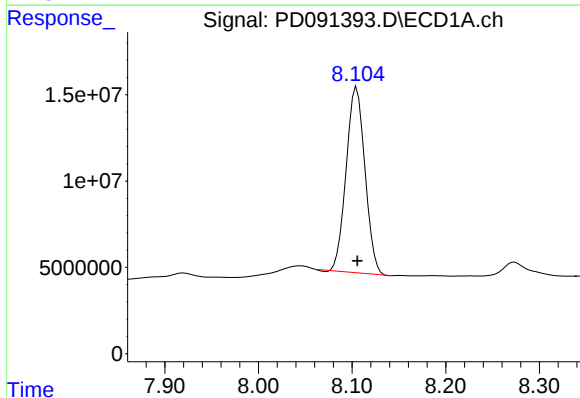
Manual Integrations
APPROVED

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



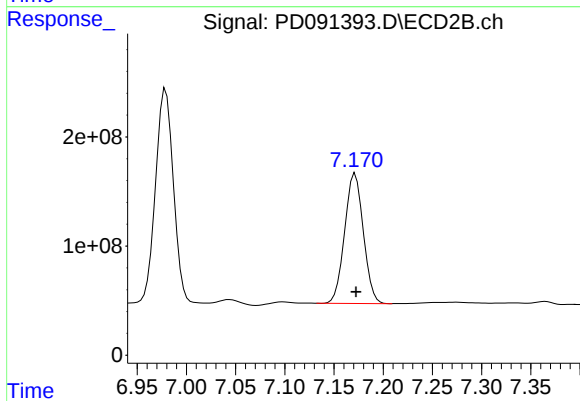
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2475251008
Conc: 48.58 ng/ml



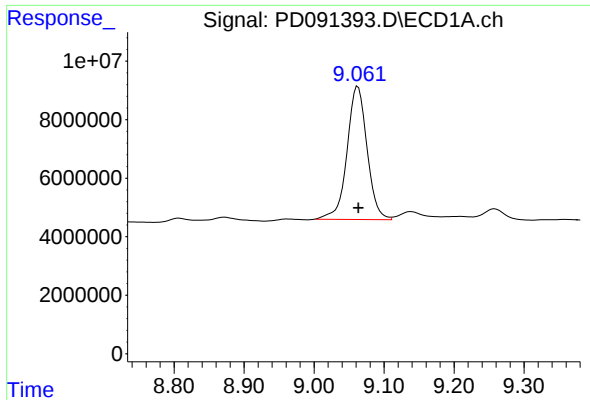
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 149839653
Conc: 42.12 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1574482453
Conc: 47.51 ng/ml



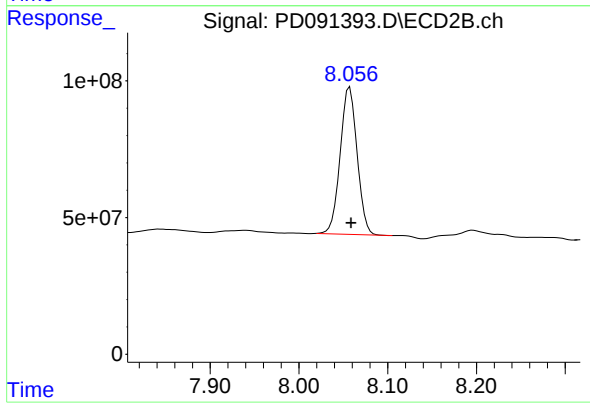
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 90382003
Conc: 18.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 714225185
Conc: 18.05 ng/ml