

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 16:26
 Operator : AR\AJ
 Sample : PB169830BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169830BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:22:12 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...	3.549	2.874	61932151	538.8E6	19.053	19.628
2)	SA Decachlor...	9.071	8.063	104.6E6	644.5E6	21.678	19.884
Target Compounds							
2)	A alpha-BHC	3.999	3.387	363.2E6	2101.9E6	51.998	48.006
3)	MA gamma-BHC...	4.330	3.723	336.2E6	1948.2E6	50.813	47.826
4)	MA Heptachlor	4.928	4.075	346.6E6	1983.3E6	52.420	48.710
5)	MB Aldrin	5.269	4.361	331.1E6	1926.9E6	52.148	48.250
6)	B beta-BHC	4.517	4.019	126.9E6	823.6E6	49.205	47.512
7)	B delta-BHC	4.764	4.256	340.5E6	1977.3E6	52.727m	47.884
8)	B Heptachlo...	5.690	4.865	291.1E6	1789.5E6	50.945	48.541
9)	A Endosulfan I	6.073	5.239	275.8E6	1652.4E6	51.061	47.749
10)	B gamma-Chl...	5.945	5.118	293.5E6	1890.5E6	51.388	48.122
11)	B alpha-Chl...	6.026	5.182	305.3E6	1807.6E6	52.987	47.991
12)	B 4,4'-DDE	6.195	5.367	268.6E6	1848.0E6	51.581	48.277
13)	MA Dieldrin	6.346	5.505	300.3E6	1876.7E6	52.098	48.186
14)	MA Endrin	6.573	5.782	259.0E6	1775.1E6	52.922	49.540
15)	B Endosulfa...	6.786	6.073	257.2E6	1622.9E6	52.733	48.086
16)	A 4,4'-DDD	6.705	5.922	213.8E6	1535.2E6	52.172	47.343
17)	MA 4,4'-DDT	7.020	6.176	233.5E6	1652.4E6	52.453	48.064
18)	B Endrin al...	6.914	6.252	186.2E6	1202.4E6	54.282	51.062
19)	B Endosulfa...	7.149	6.475	237.2E6	1576.1E6	51.559	48.214
20)	A Methoxychlor	7.493	6.746	121.5E6	826.7E6	51.564	47.508
21)	B Endrin ke...	7.630	6.984	253.0E6	1614.3E6	51.134	44.715
22)	Mirex	8.112	7.177	167.4E6	1140.8E6	45.184	41.324

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 16:26
Operator : AR\AJ
Sample : PB169830BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

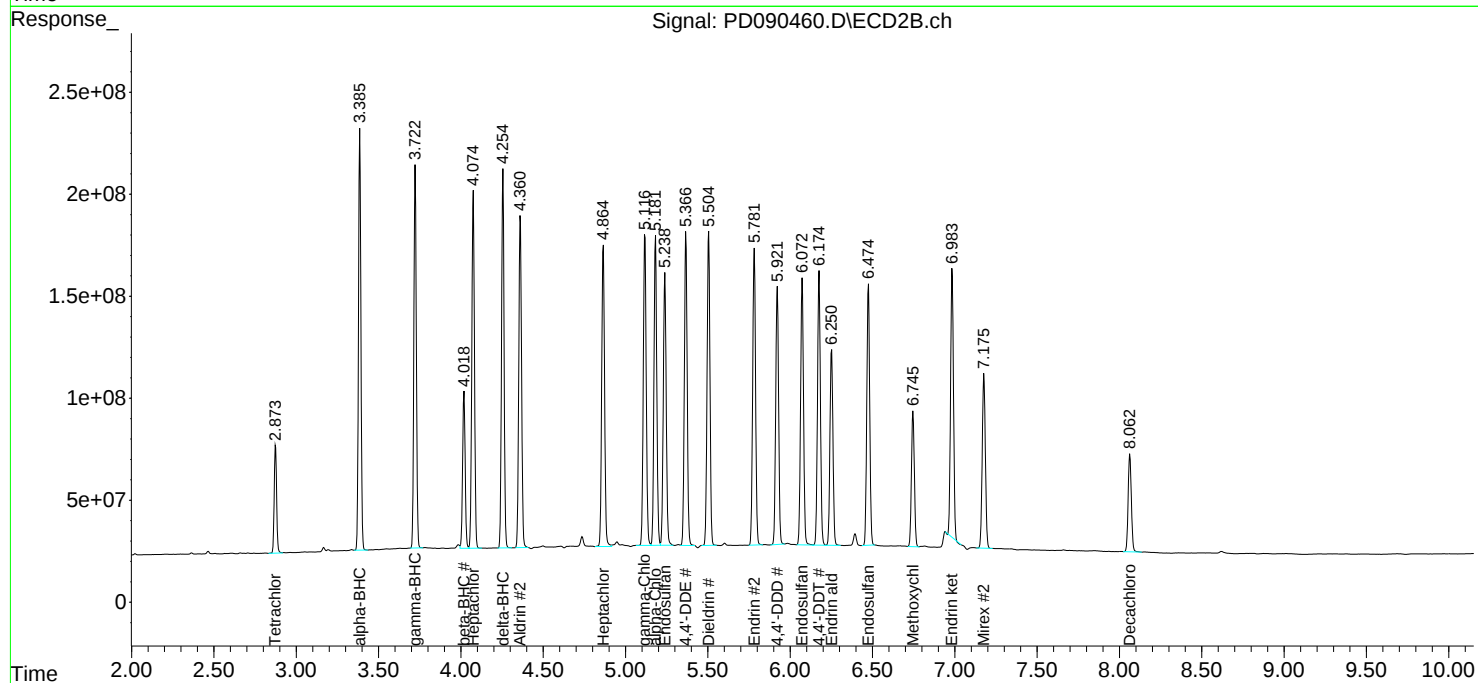
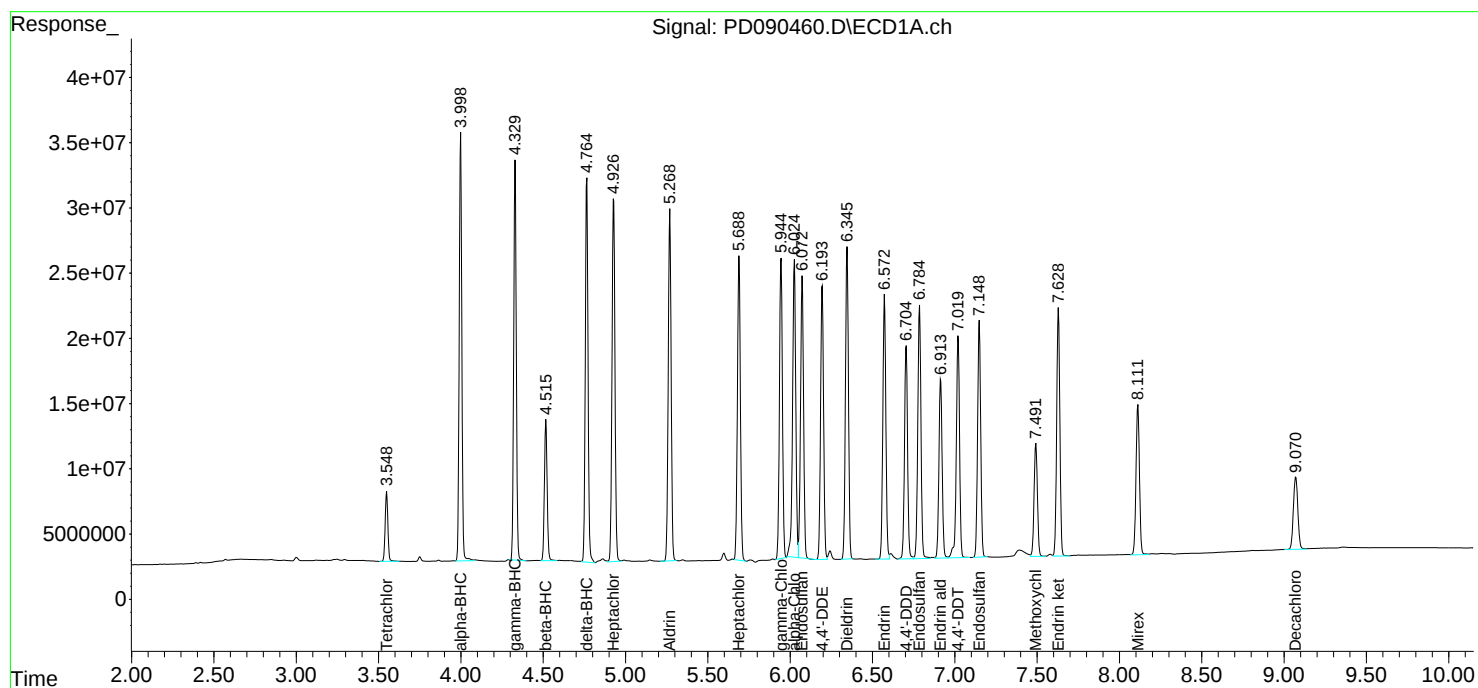
Instrument :
ECD_D
ClientSampleId :
PB169830BSD

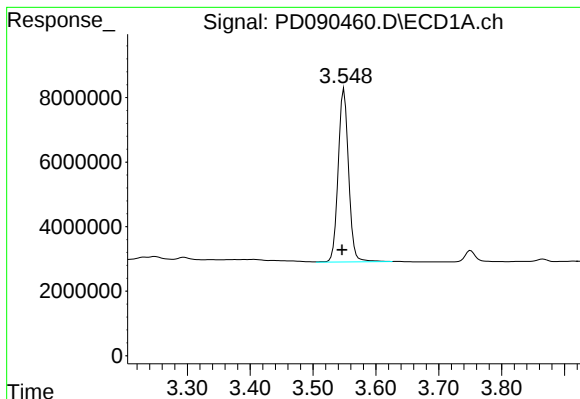
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:12 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.: 3.549 min
Delta R.T.: 0.003 min
Response: 61932151
Conc: 19.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

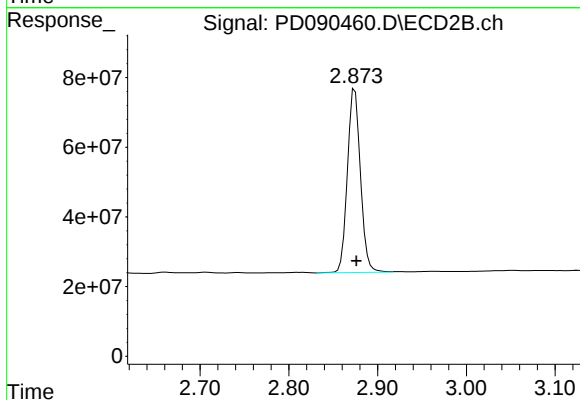
PB169830BSD

Manual Integrations

APPROVED

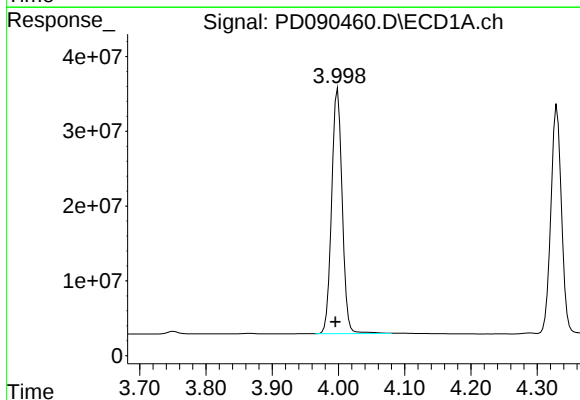
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



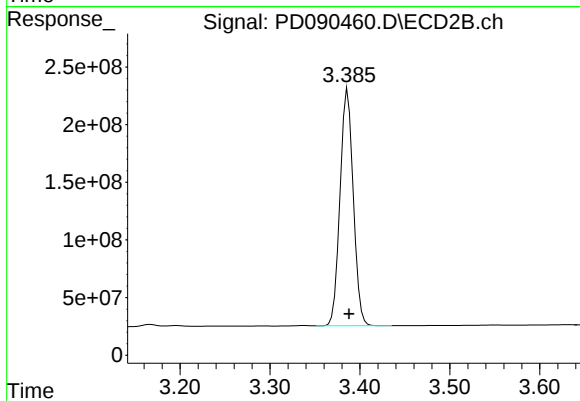
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 538779889
Conc: 19.63 ng/ml



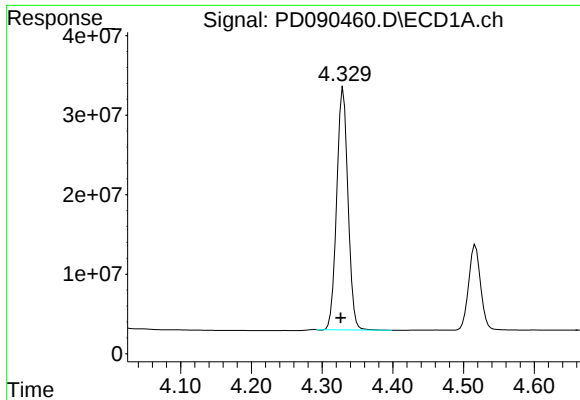
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.003 min
Response: 363183898
Conc: 52.00 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 2101860242
Conc: 48.01 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.004 min
Response: 336226475
Conc: 50.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

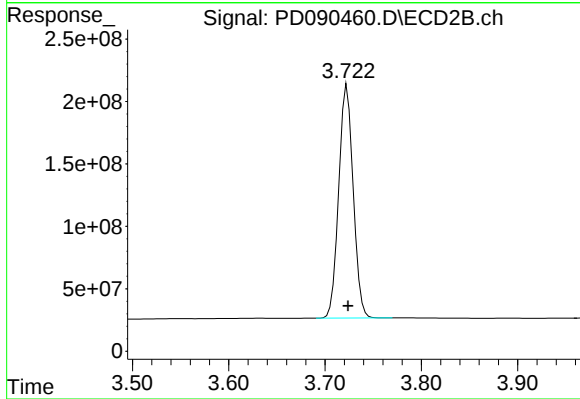
PB169830BSD

Manual Integrations

APPROVED

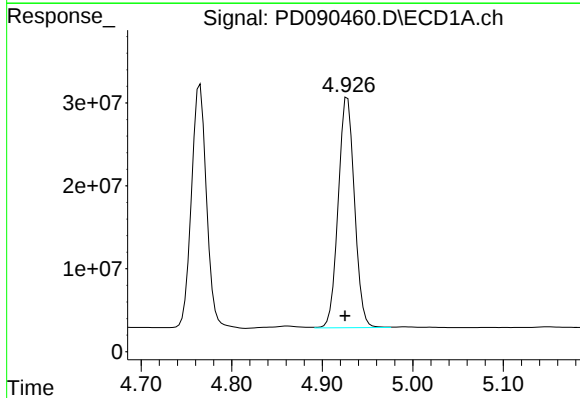
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



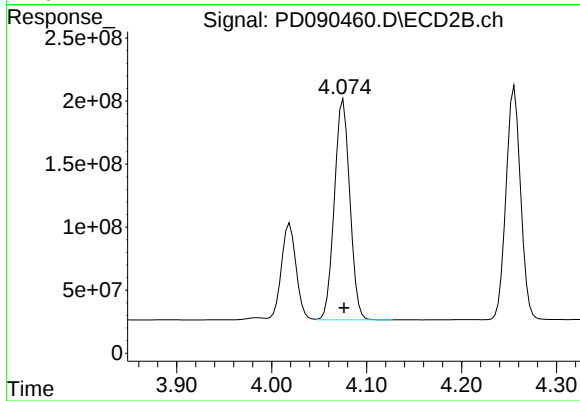
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1948225200
Conc: 47.83 ng/ml



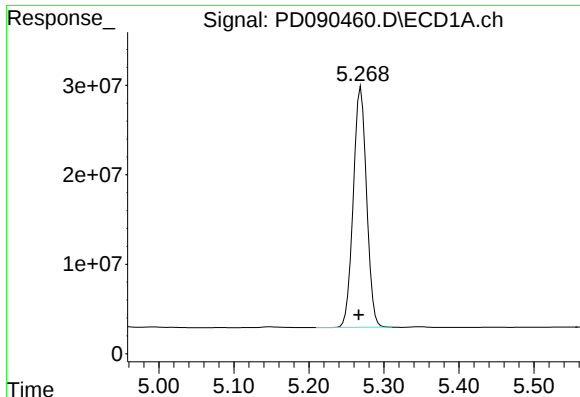
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.003 min
Response: 346634156
Conc: 52.42 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1983323463
Conc: 48.71 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 331134119
Conc: 52.15 ng/ml

Instrument :

ECD_D

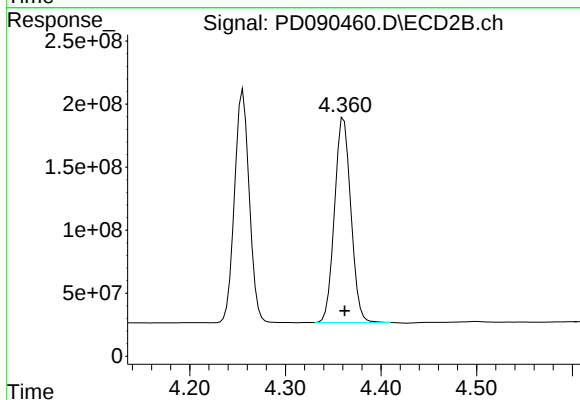
ClientSampleId :

PB169830BSD

Manual Integrations

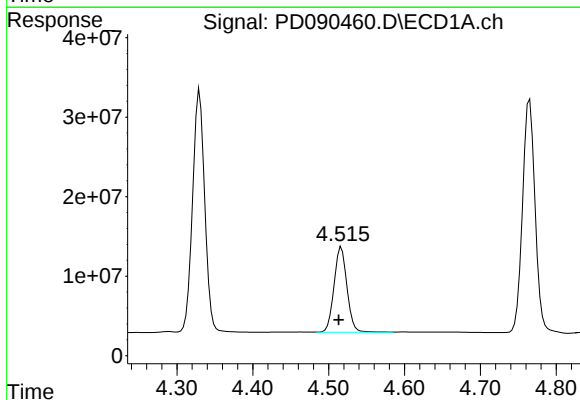
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



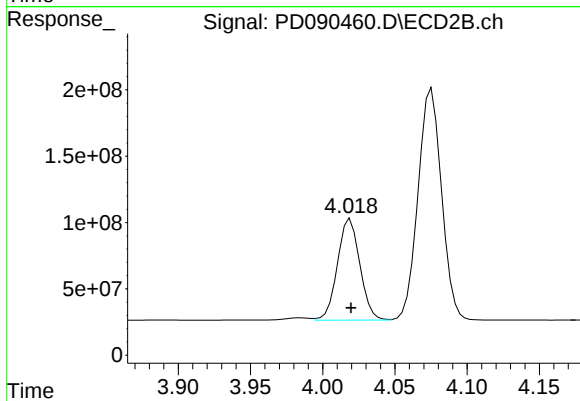
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 1926857856
Conc: 48.25 ng/ml



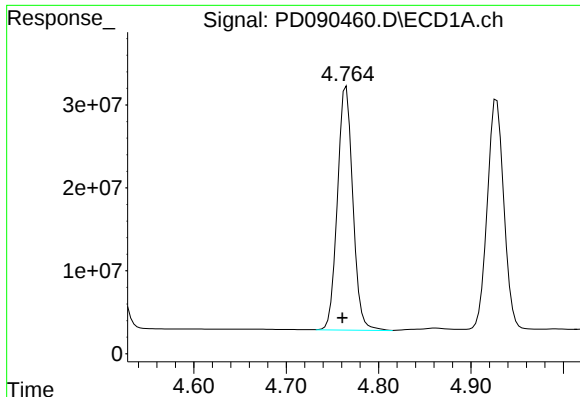
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.004 min
Response: 126944839
Conc: 49.20 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 823632272
Conc: 47.51 ng/ml



#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 340483774
Conc: 52.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

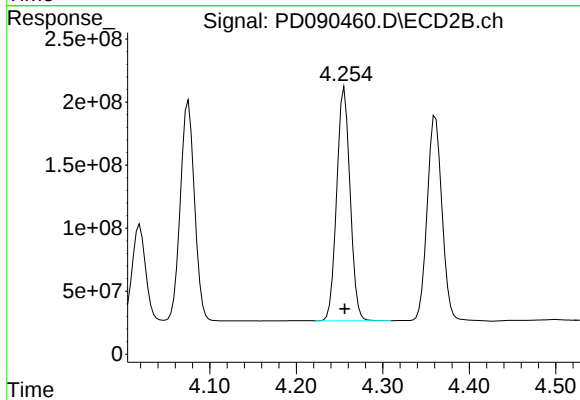
PB169830BSD

Manual Integrations

APPROVED

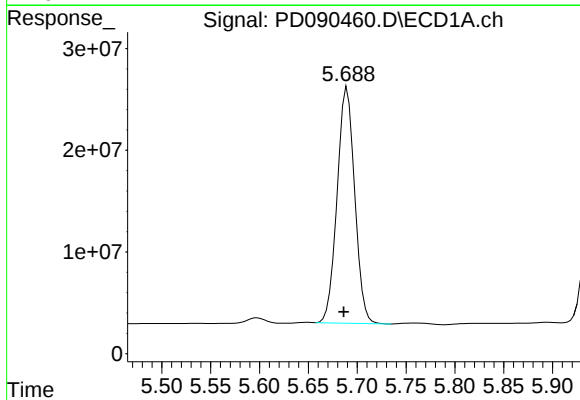
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



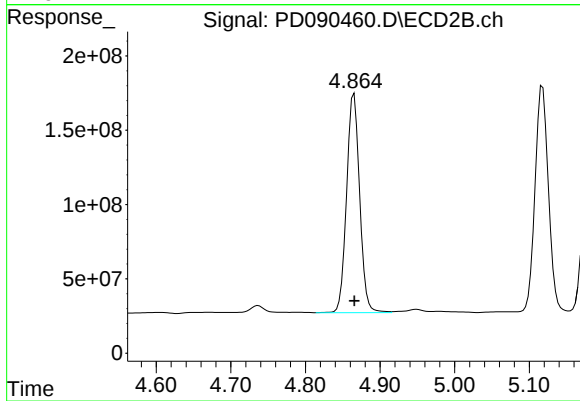
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1977348821
Conc: 47.88 ng/ml



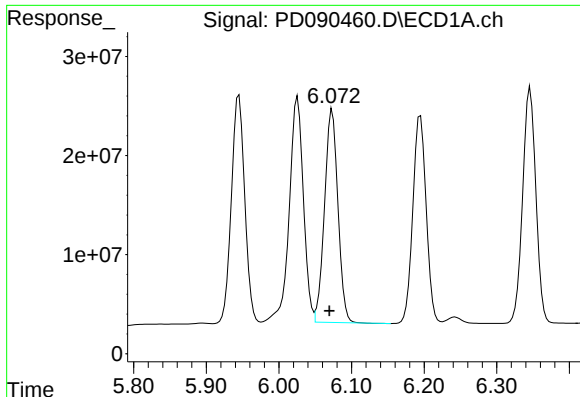
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.003 min
Response: 291149283
Conc: 50.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1789481682
Conc: 48.54 ng/ml



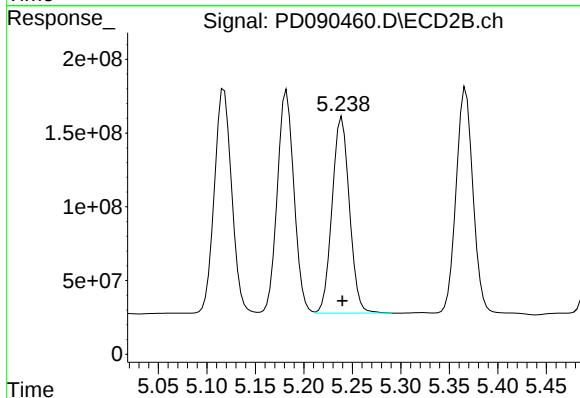
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 275801310
Conc: 51.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

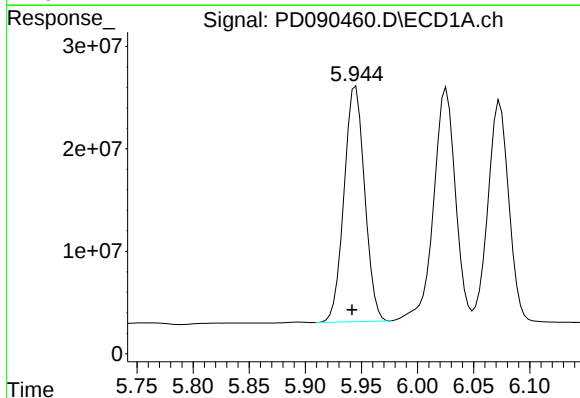
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



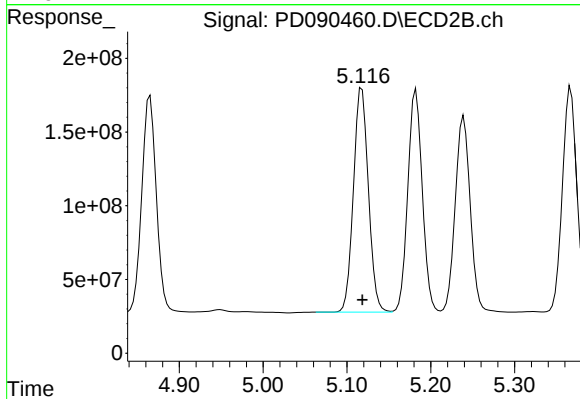
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1652375661
Conc: 47.75 ng/ml



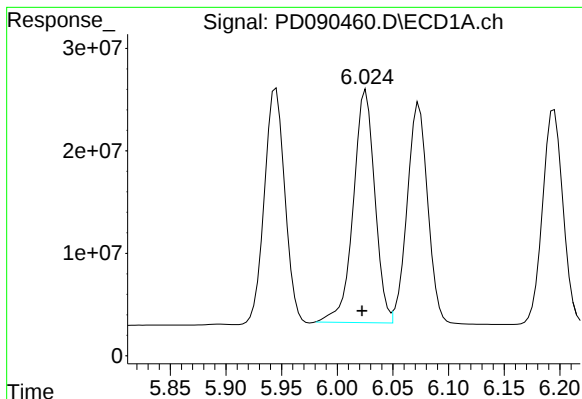
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.003 min
Response: 293523629
Conc: 51.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1890536613
Conc: 48.12 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.003 min
Response: 305251934
Conc: 52.99 ng/ml

Instrument :

ECD_D

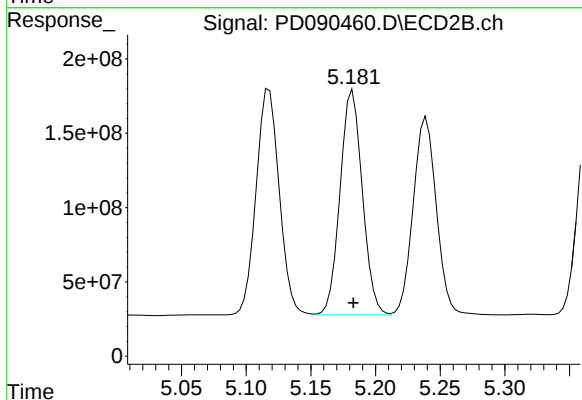
ClientSampleId :

PB169830BSD

Manual Integrations

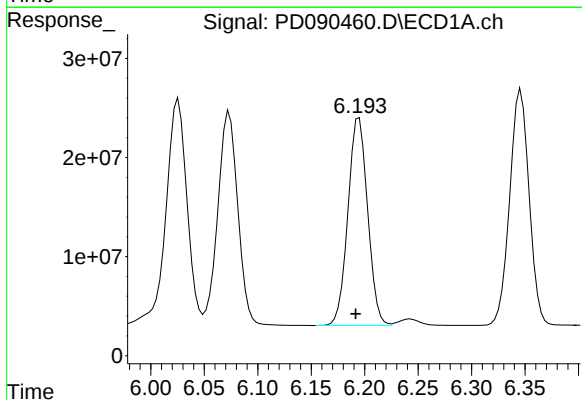
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



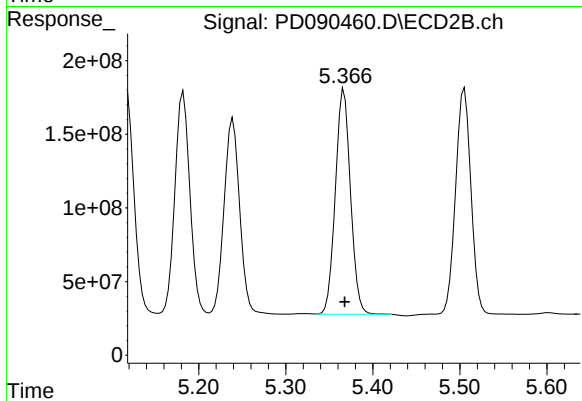
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1807582071
Conc: 47.99 ng/ml



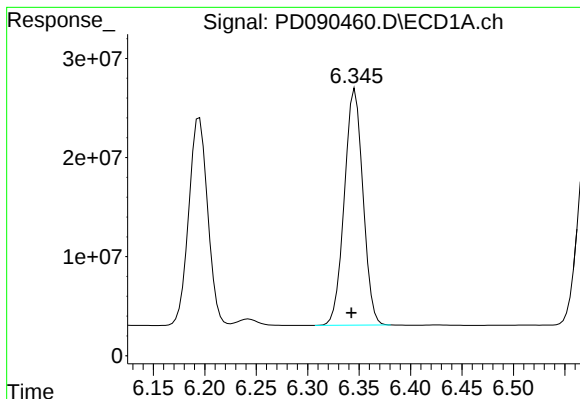
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 268610595
Conc: 51.58 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1848002688
Conc: 48.28 ng/ml



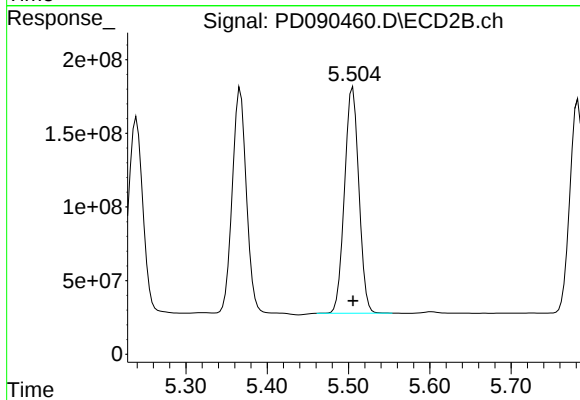
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 300326328
Conc: 52.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

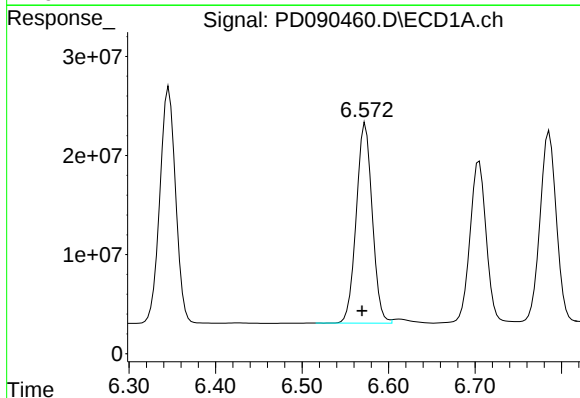
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



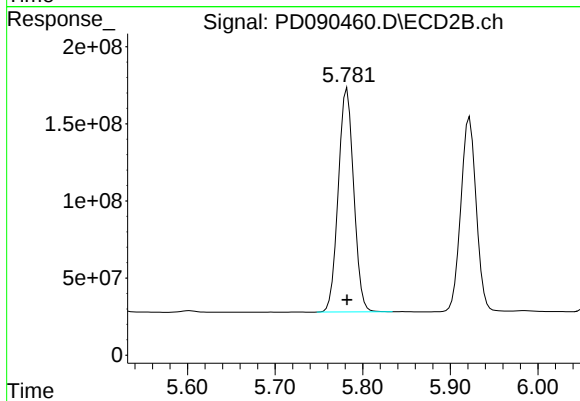
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 1876664896
Conc: 48.19 ng/ml



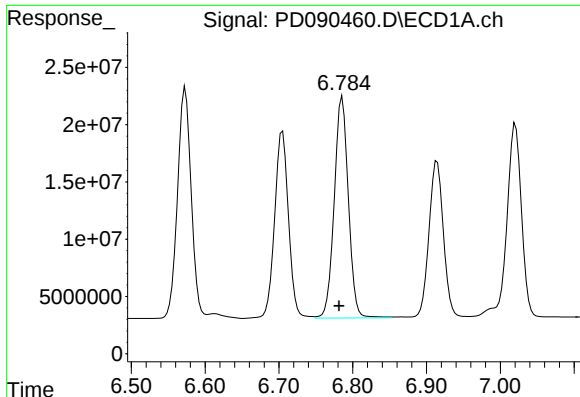
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.004 min
Response: 258999260
Conc: 52.92 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1775121866
Conc: 49.54 ng/ml



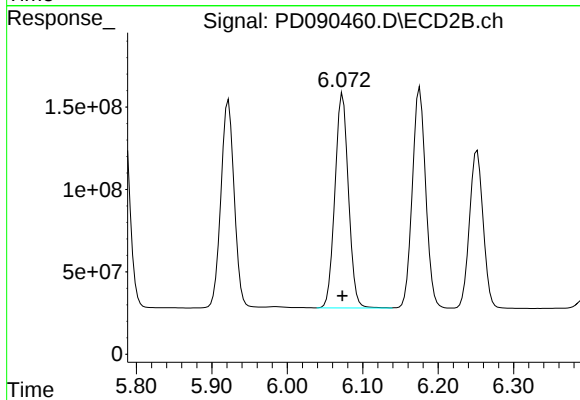
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.004 min
Response: 257219136
Conc: 52.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

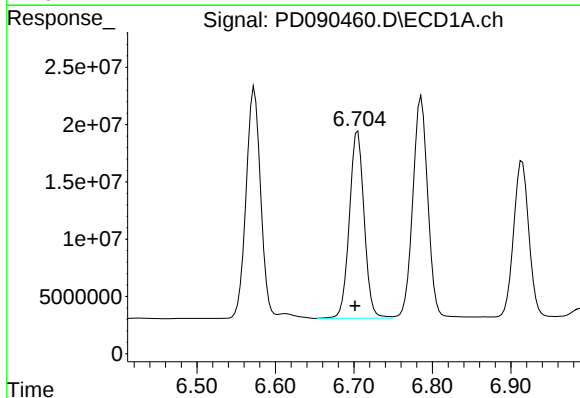
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



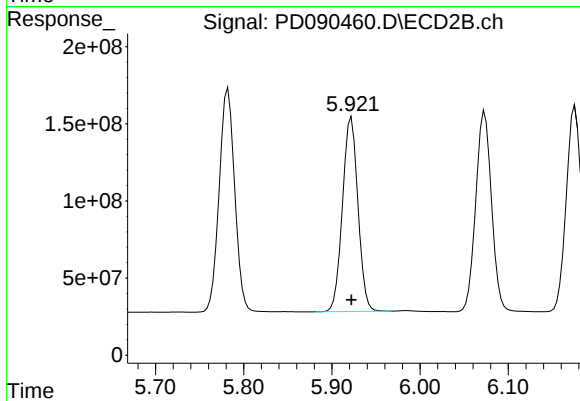
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1622925873
Conc: 48.09 ng/ml



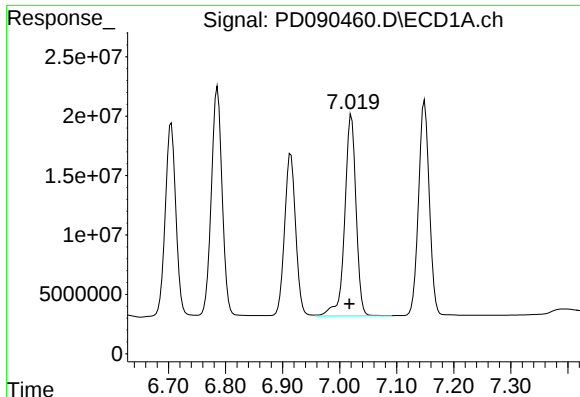
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.004 min
Response: 213790438
Conc: 52.17 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1535218023
Conc: 47.34 ng/ml



#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.004 min
Response: 233544779
Conc: 52.45 ng/ml

Instrument :

ECD_D

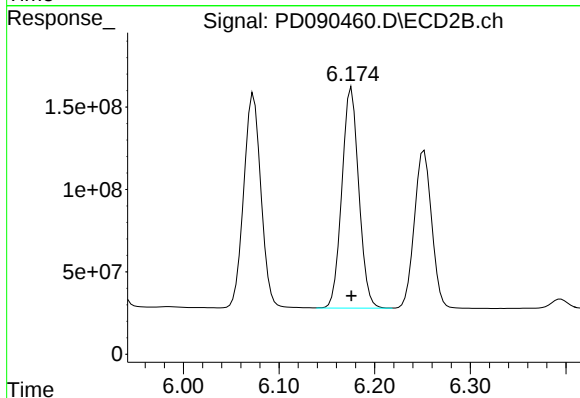
ClientSampleId :

PB169830BSD

Manual Integrations

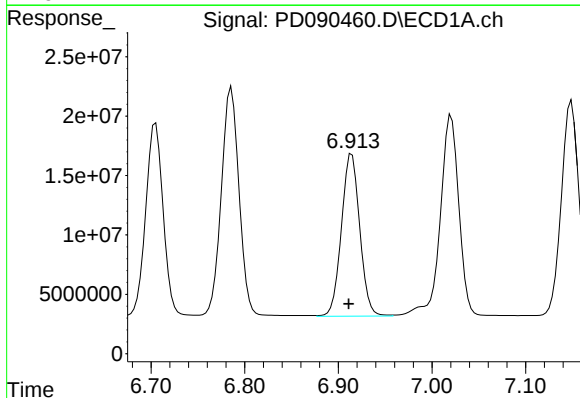
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



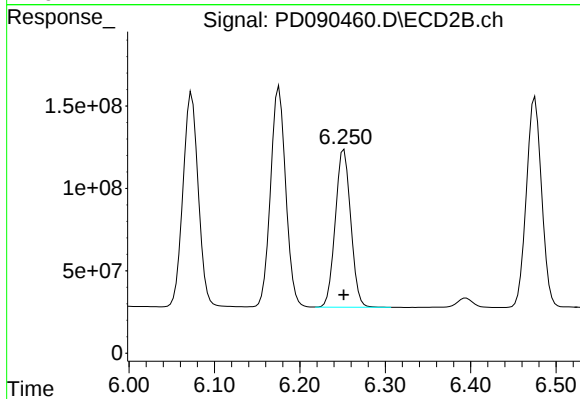
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1652402806
Conc: 48.06 ng/ml



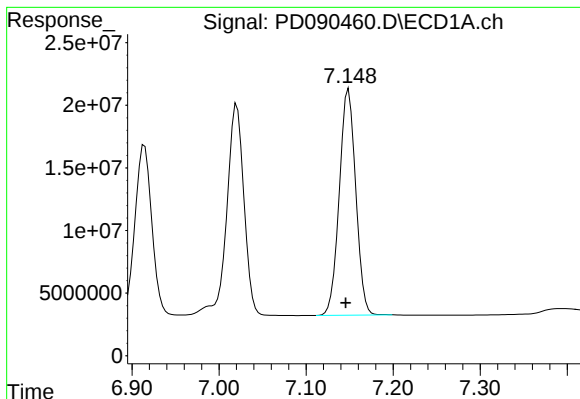
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.003 min
Response: 186219957
Conc: 54.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1202357524
Conc: 51.06 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.003 min
Response: 237188312
Conc: 51.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

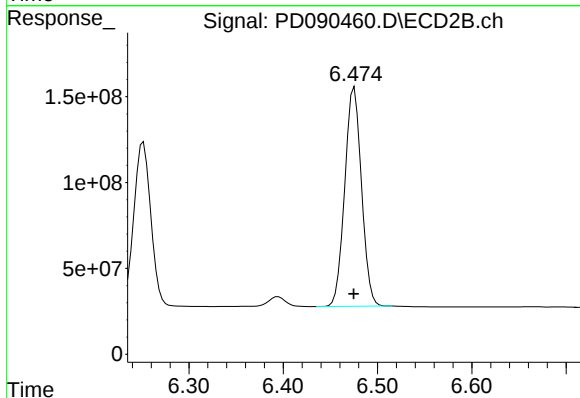
PB169830BSD

Manual Integrations

APPROVED

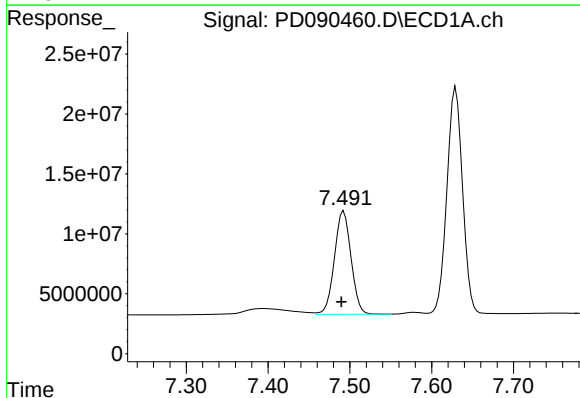
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



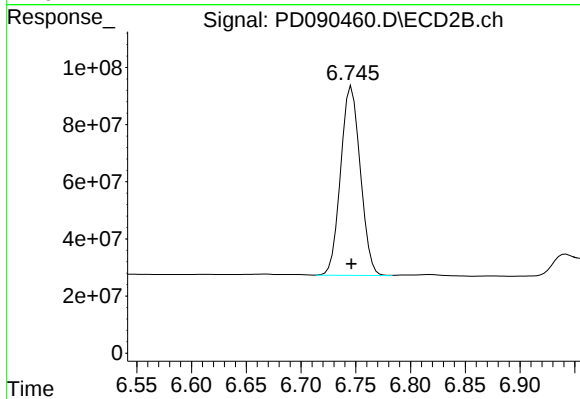
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1576130144
Conc: 48.21 ng/ml



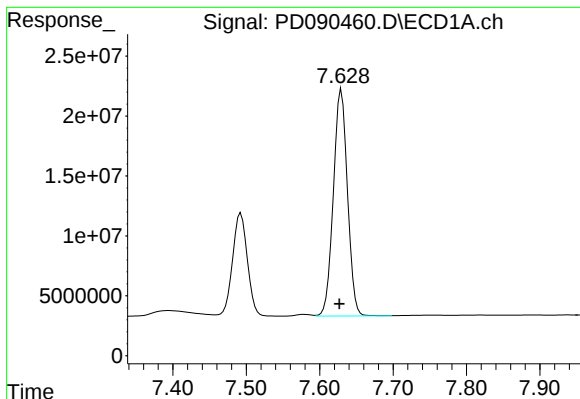
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.003 min
Response: 121510800
Conc: 51.56 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 826653515
Conc: 47.51 ng/ml



#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 252977418
Conc: 51.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

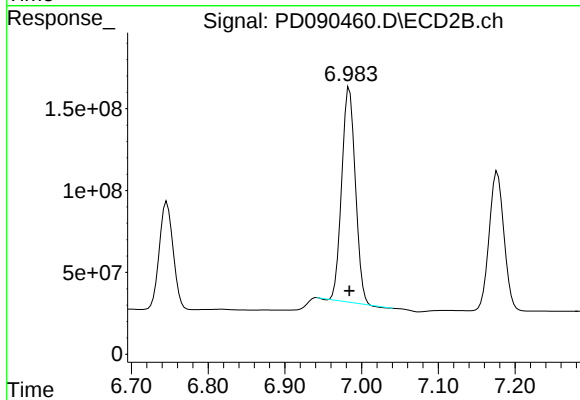
PB169830BSD

Manual Integrations

APPROVED

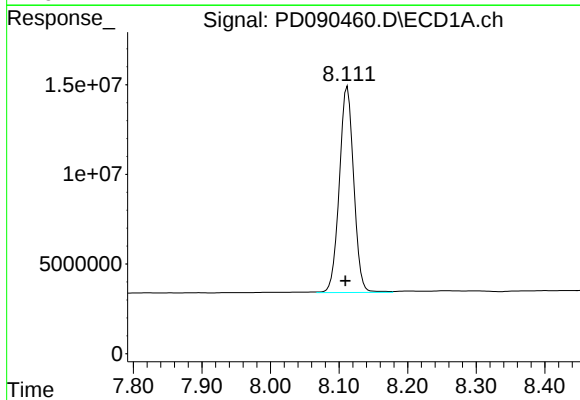
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



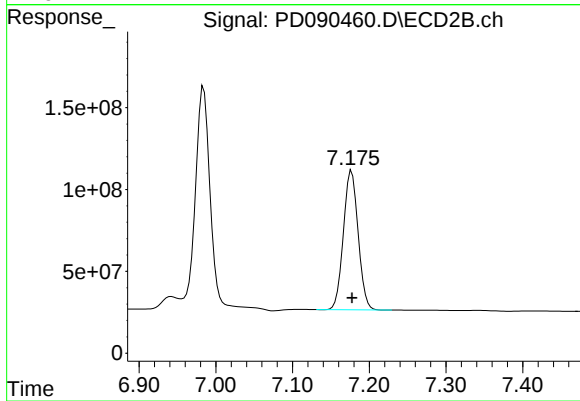
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1614346016
Conc: 44.72 ng/ml



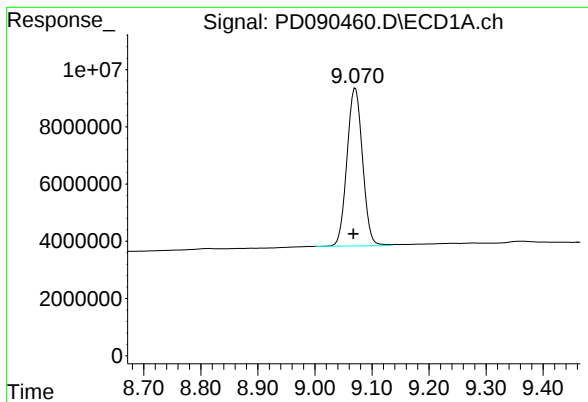
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.003 min
Response: 167400782
Conc: 45.18 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1140799806
Conc: 41.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.003 min
Response: 104598089
Conc: 21.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

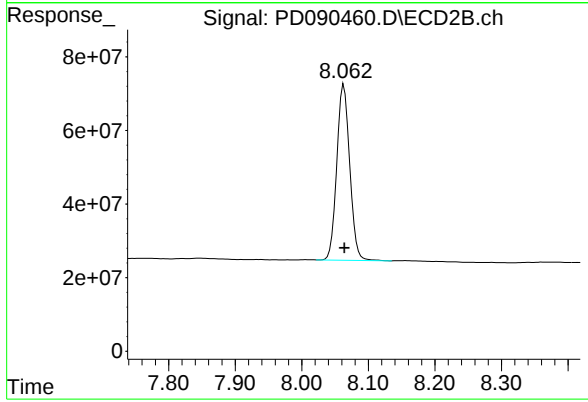
PB169830BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 644521973
Conc: 19.88 ng/ml