

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 11:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 04:58:39 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...	3.552	2.875	65065569	604.3E6	20.017	22.013
28)	SA Decachlor...	9.075	8.064	97825743	597.8E6	20.275	18.441
Target Compounds							
2)	A alpha-BHC	4.001	3.387	64990405	505.6E6	9.305	11.549
3)	MA gamma-BHC...	4.332	3.723	63143993	468.1E6	9.543	11.492
6)	B beta-BHC	4.519	4.019	26590414	202.7E6	10.307m	11.695
12)	B 4,4'-DDE	6.199	5.366	1620161	12118355	0.311	0.317m
14)	MA Endrin	6.576	5.781	237.1E6	1834.7E6	48.458	51.202
16)	A 4,4'-DDD	6.709	5.923	9626864	96576154	2.349	2.978 #
17)	MA 4,4'-DDT	7.024	6.176	378.0E6	2983.1E6	84.900	86.772
18)	B Endrin al...	6.920	6.250	1509358	18697460	0.440m	0.794 #
20)	A Methoxychlor	7.497	6.746	442.4E6	3025.8E6	187.714	173.892
21)	B Endrin ke...	7.633	6.983	5348840	41324812	1.081	1.145

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 11:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

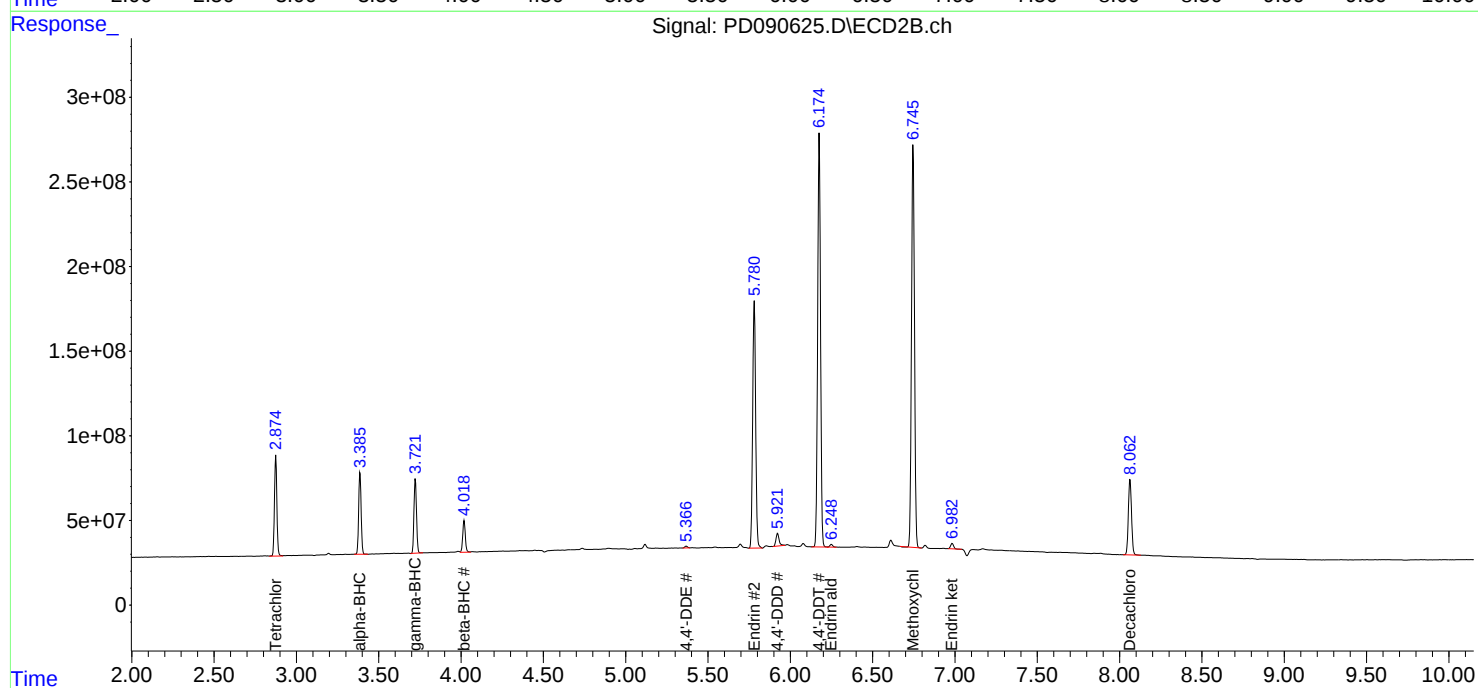
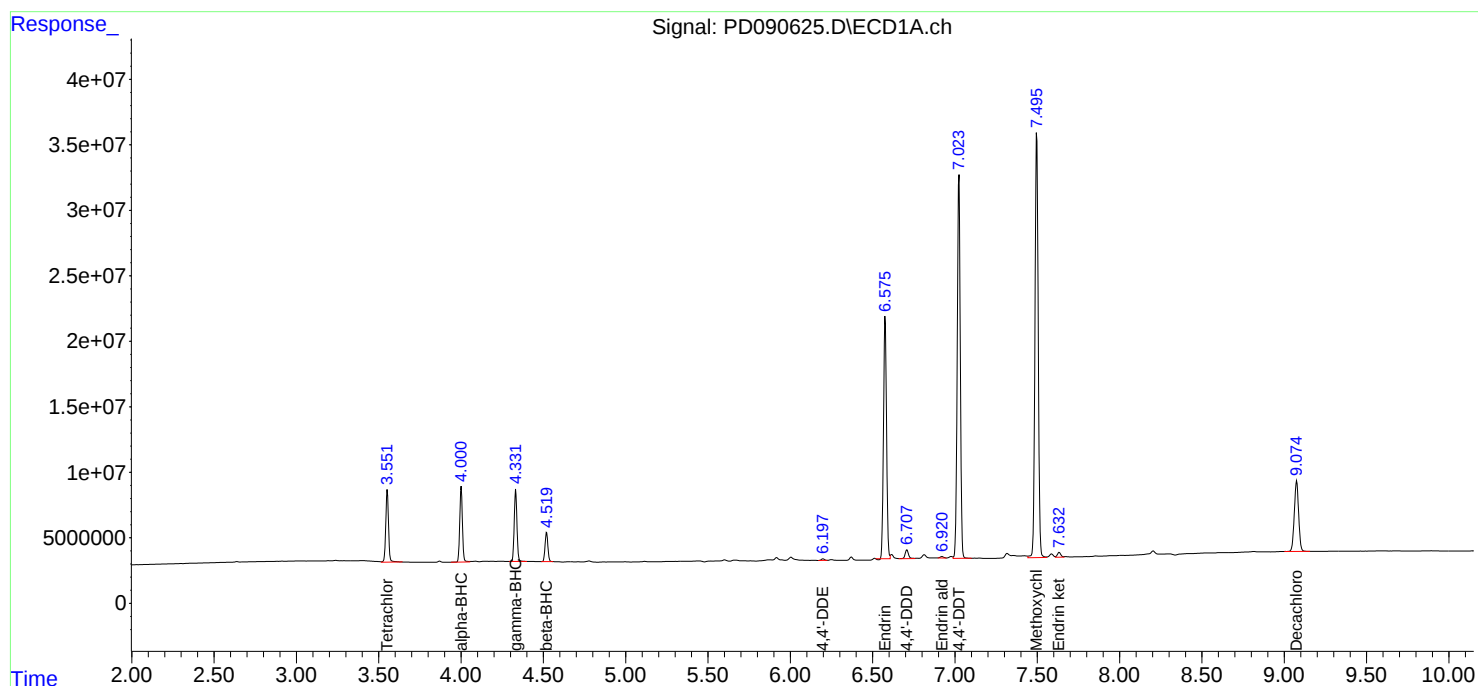
Instrument :
ECD_D
ClientSampleId :
PEM

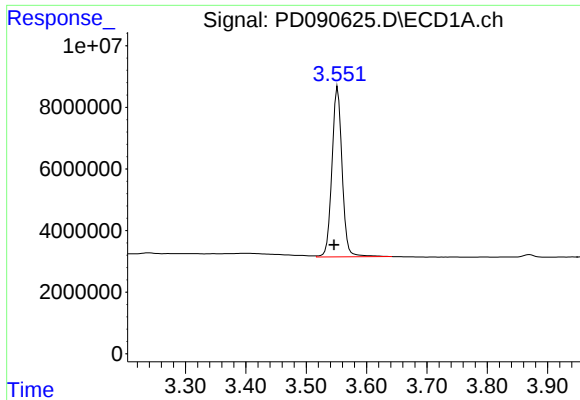
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/17/2025
Supervised By : Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 04:58:39 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





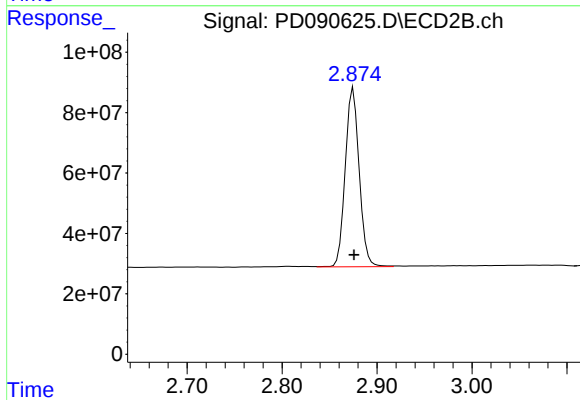
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.006 min
Response: 65065569
Conc: 20.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

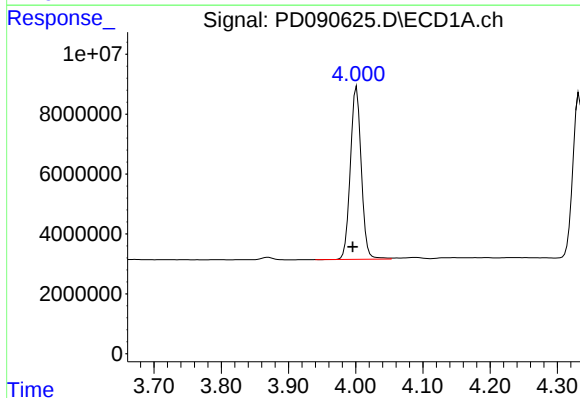
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



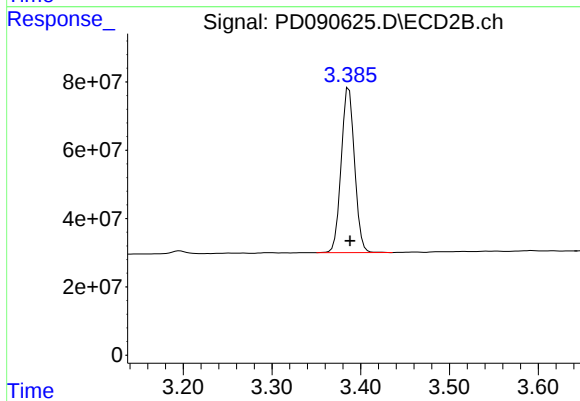
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 604252728
Conc: 22.01 ng/ml



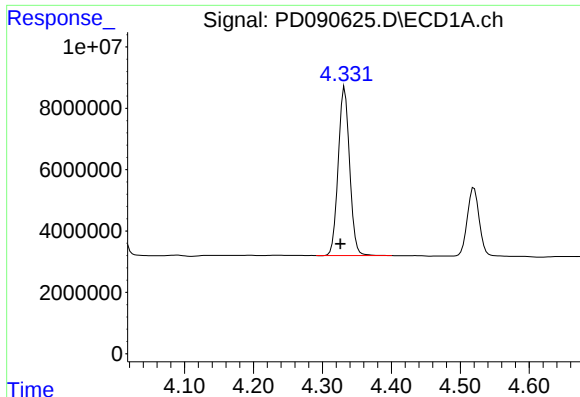
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.006 min
Response: 64990405
Conc: 9.30 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 505646495
Conc: 11.55 ng/ml



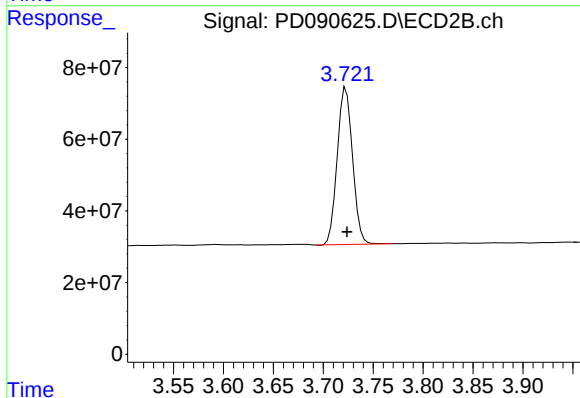
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.006 min
Response: 63143993
Conc: 9.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

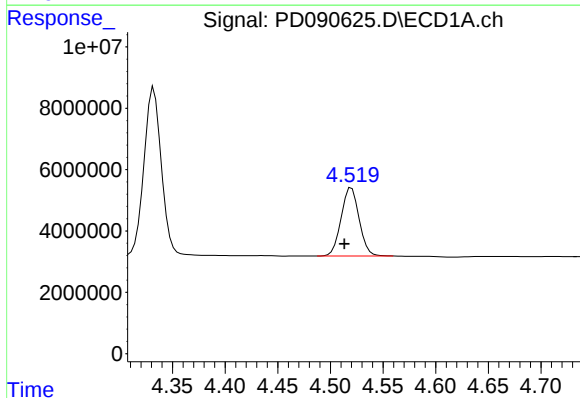
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



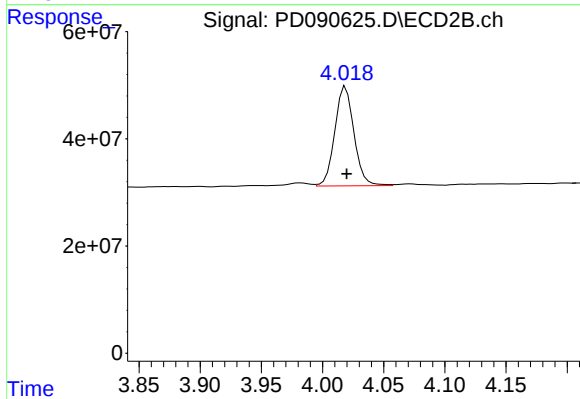
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 468123869
Conc: 11.49 ng/ml



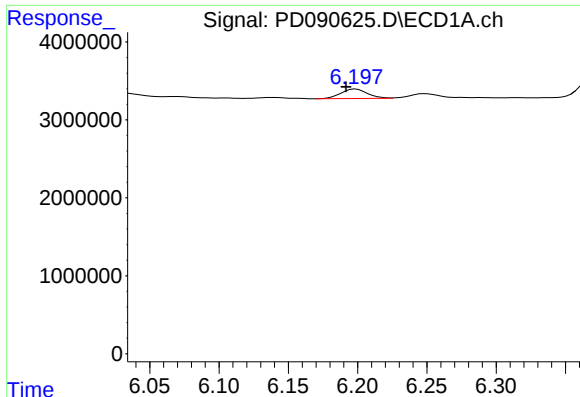
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 26590414
Conc: 10.31 ng/ml m



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 202734714
Conc: 11.69 ng/ml



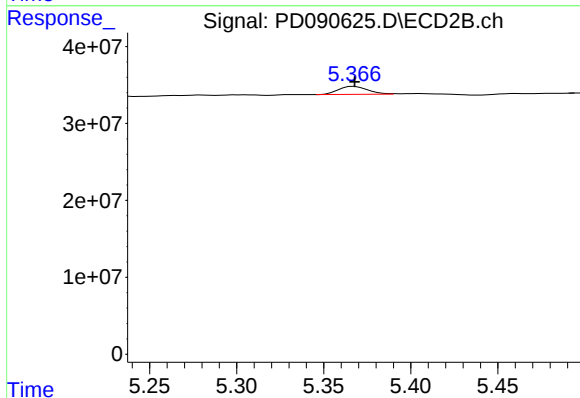
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.007 min
Response: 1620161
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

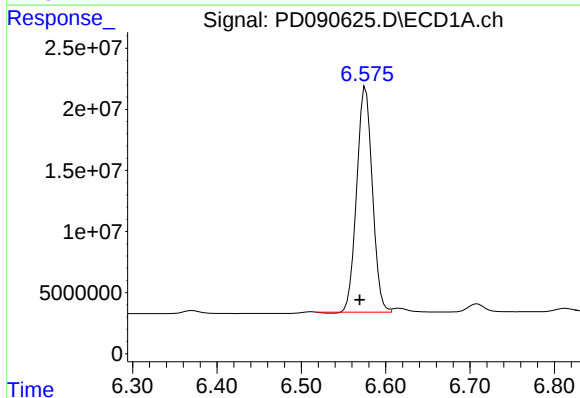
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



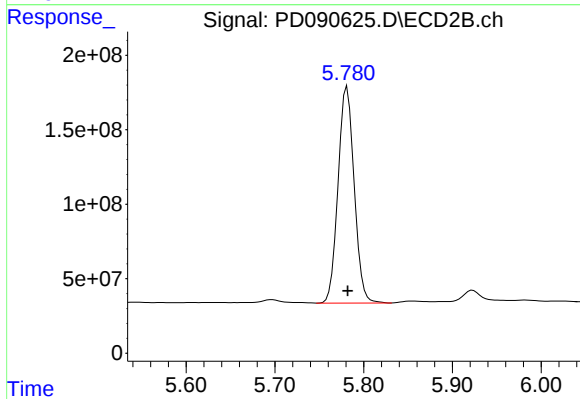
#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 12118355
Conc: 0.32 ng/ml m



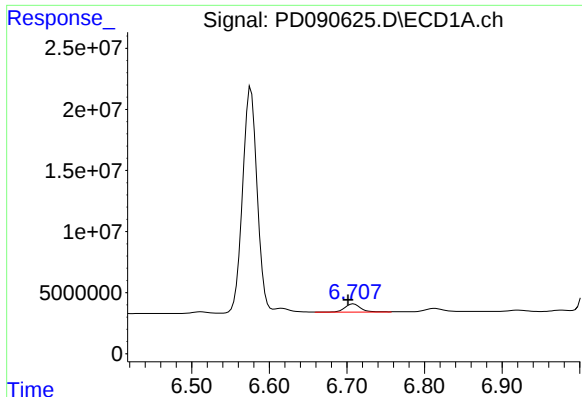
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.007 min
Response: 237148571
Conc: 48.46 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1834672778
Conc: 51.20 ng/ml



#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 9626864
Conc: 2.35 ng/ml

Instrument :

ECD_D

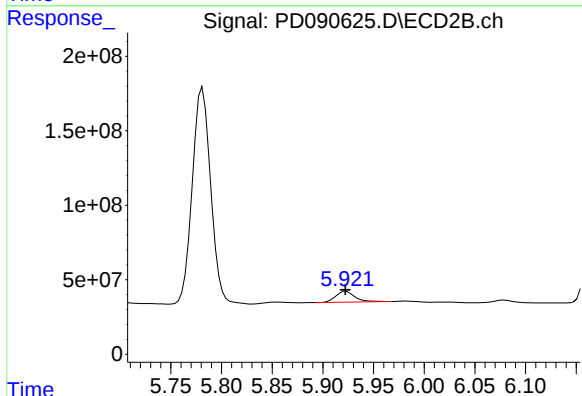
ClientSampleId :

PEM

Manual Integrations

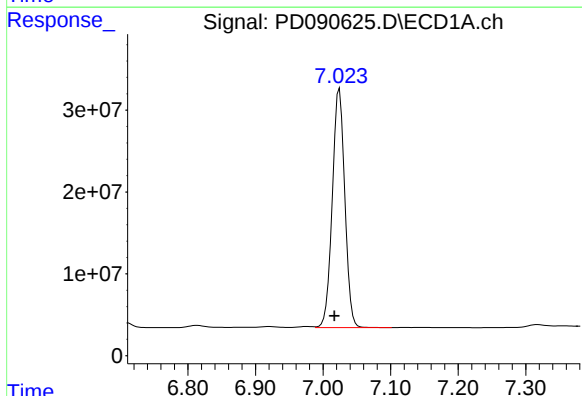
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



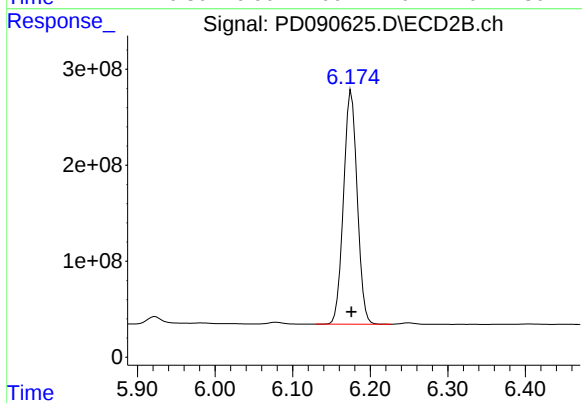
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 96576154
Conc: 2.98 ng/ml



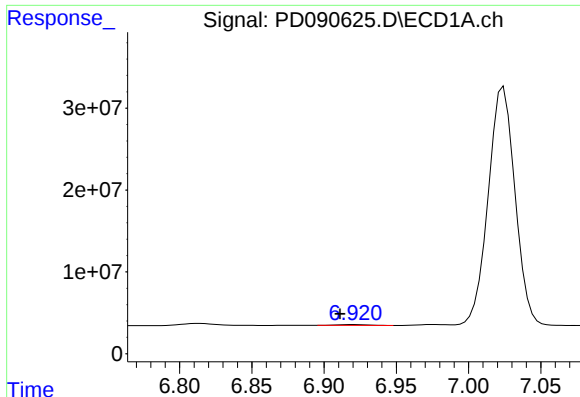
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.007 min
Response: 378016131
Conc: 84.90 ng/ml



#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 2983144608
Conc: 86.77 ng/ml



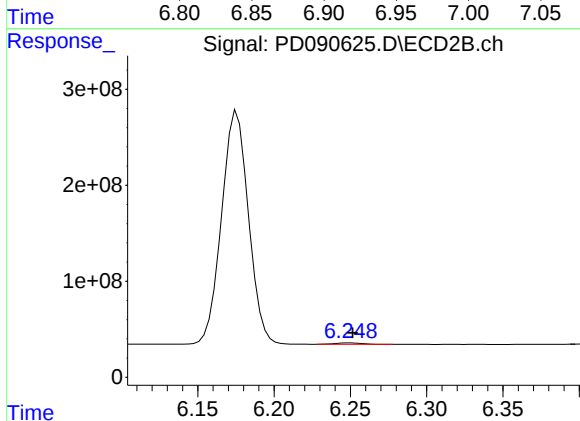
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.009 min
Response: 1509358
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

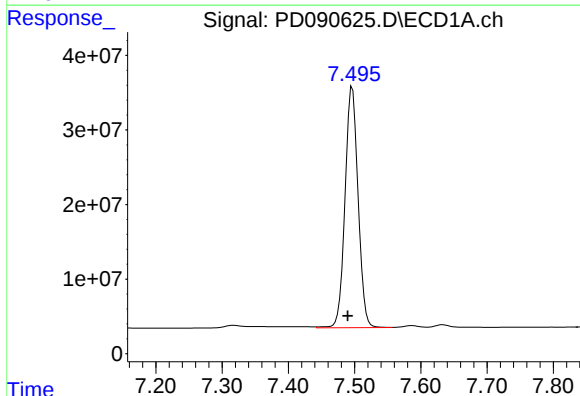
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



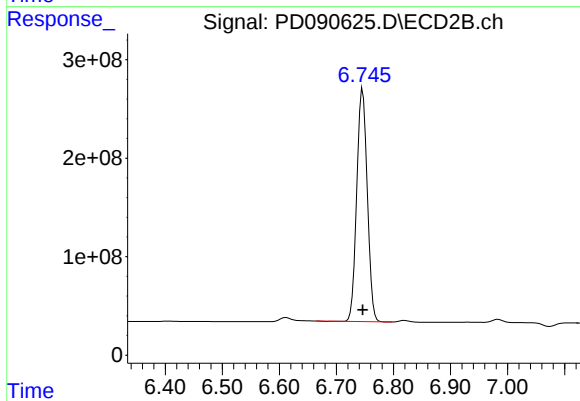
#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 18697460
Conc: 0.79 ng/ml



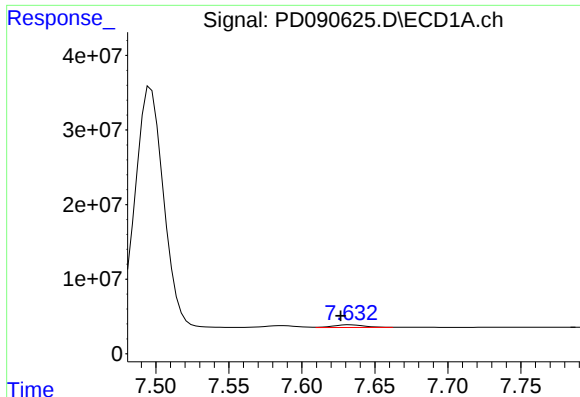
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.007 min
Response: 442350810
Conc: 187.71 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 3025779531
Conc: 173.89 ng/ml



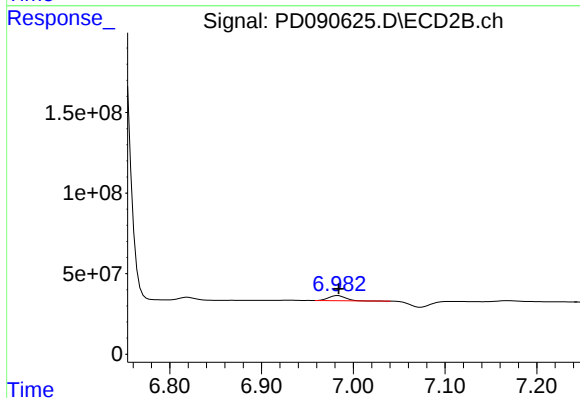
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 5348840
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

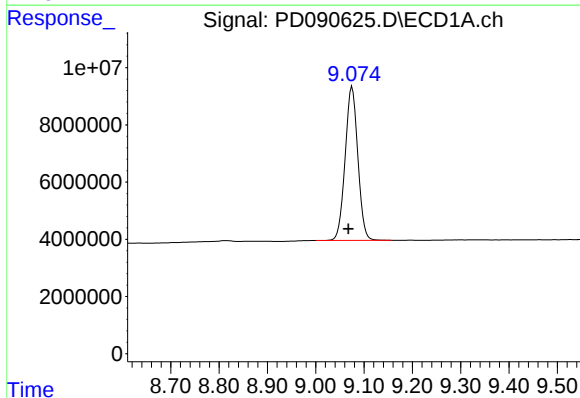
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



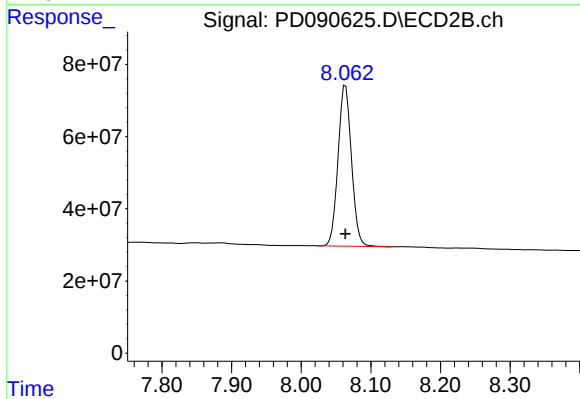
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 41324812
Conc: 1.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.008 min
Response: 97825743
Conc: 20.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 597774220
Conc: 18.44 ng/ml