

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051425\
 Data File : PD088544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:37:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.551	2.882	48704054	331.4E6	24.384	22.667
28)	SA Decachlor...	9.073	8.074	78530729	385.4E6	23.739	20.855
Target Compounds							
2)	A alpha-BHC	4.000	3.394	48374990	269.2E6	11.219	11.776
3)	MA gamma-BHC...	4.331	3.730	48762447	253.0E6	11.645	11.746
6)	B beta-BHC	4.516	4.026	20635955	110.8E6	12.712	11.969
12)	B 4,4'-DDE	6.195	5.377	482980	2093060	0.146m	0.106m#
14)	MA Endrin	6.575	5.790	178.7E6	934.0E6	59.931	51.313
16)	A 4,4'-DDD	6.705	5.930	7844588	46333472	3.119	2.828
17)	MA 4,4'-DDT	7.022	6.184	328.5E6	1683.8E6	118.287	98.949
18)	B Endrin al...	6.917	6.259	1504705	14615685	0.652	1.099 #
20)	A Methoxychlor	7.494	6.755	401.8E6	1800.6E6	267.924	197.414 #
21)	B Endrin ke...	7.629	6.992	4793574	35745322	1.553m	1.911

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051425\
Data File : PD088544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

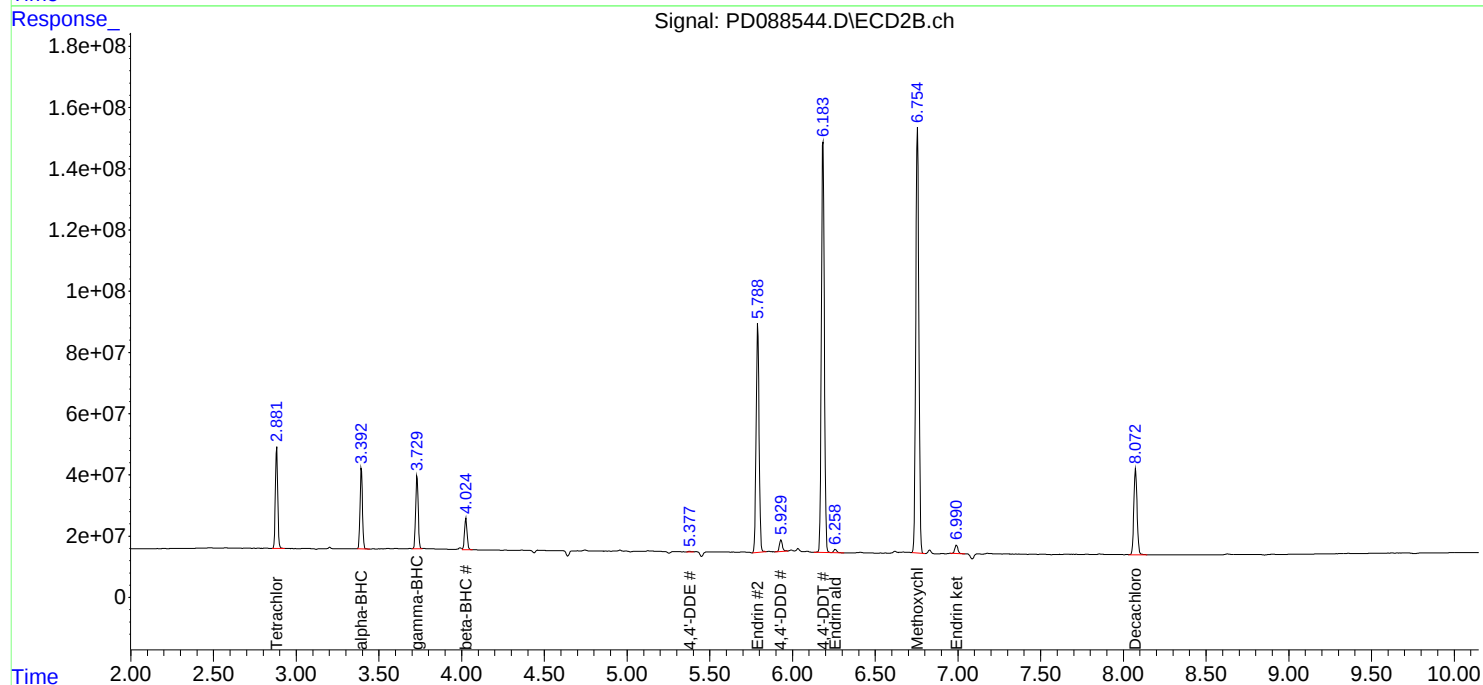
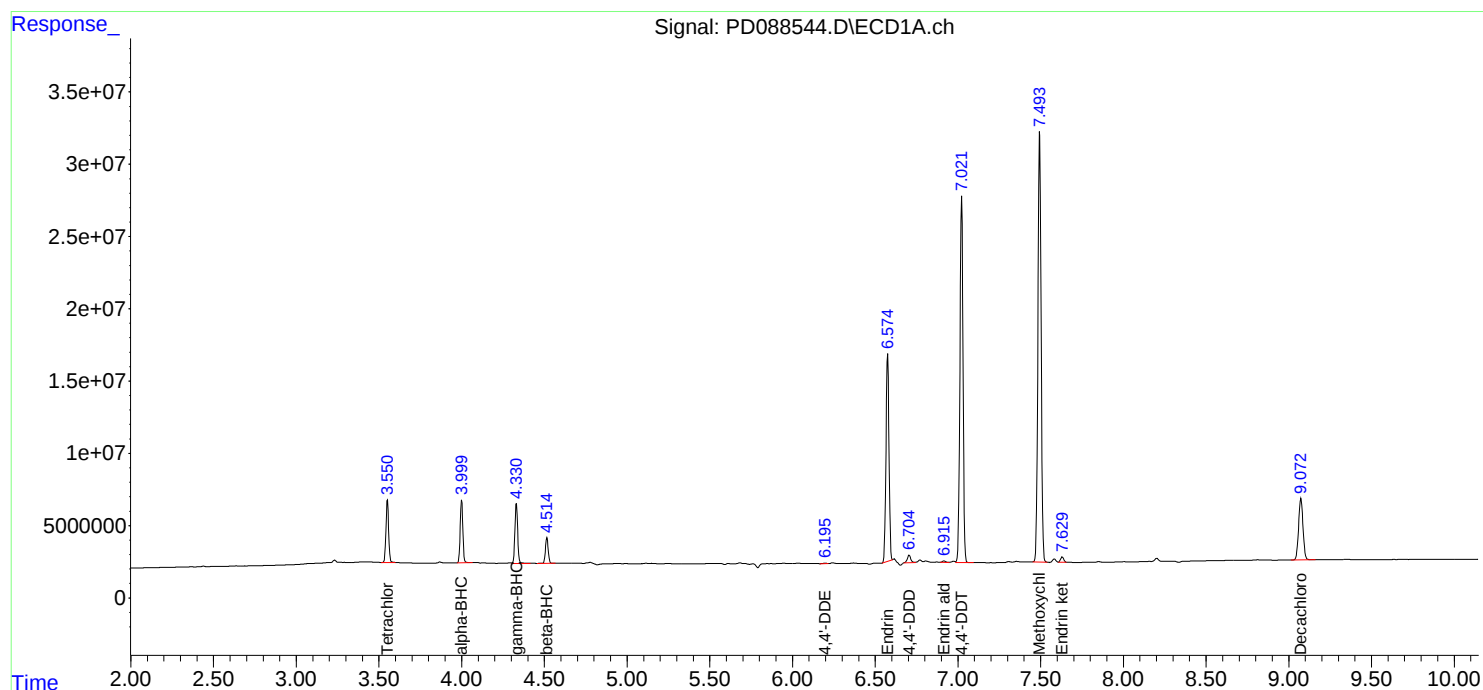
Instrument :
ECD_D
ClientSampleId :
PEM

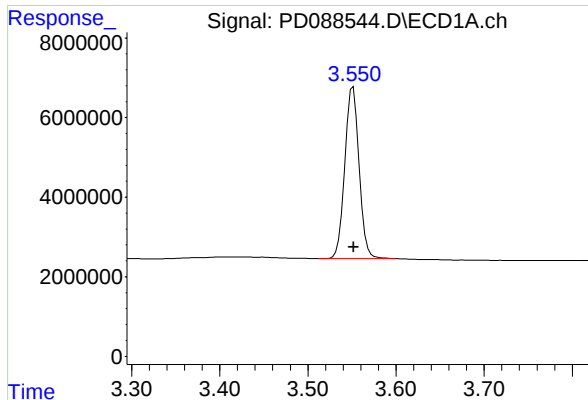
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:37:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





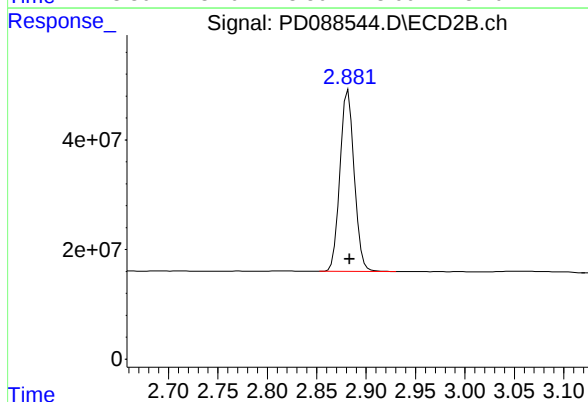
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 48704054
Conc: 24.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

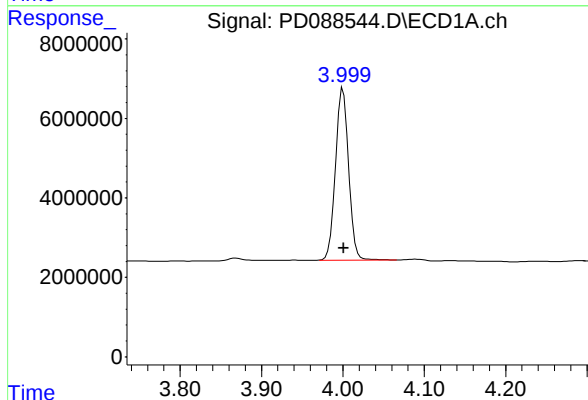
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



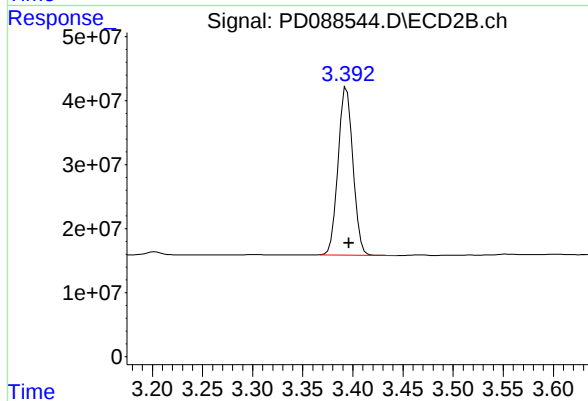
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 331426402
Conc: 22.67 ng/ml



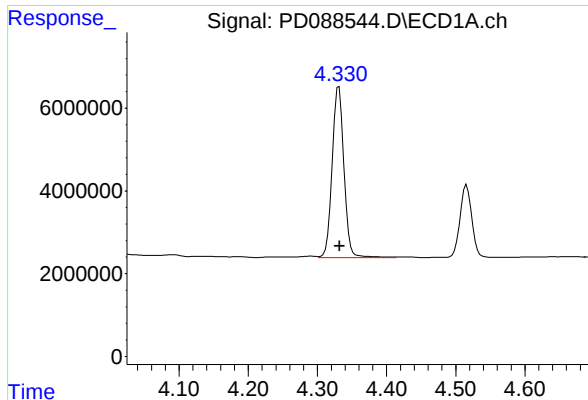
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 48374990
Conc: 11.22 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 269225574
Conc: 11.78 ng/ml



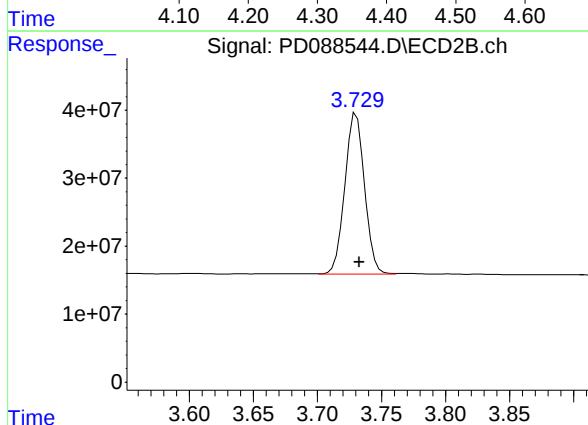
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 48762447
Conc: 11.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

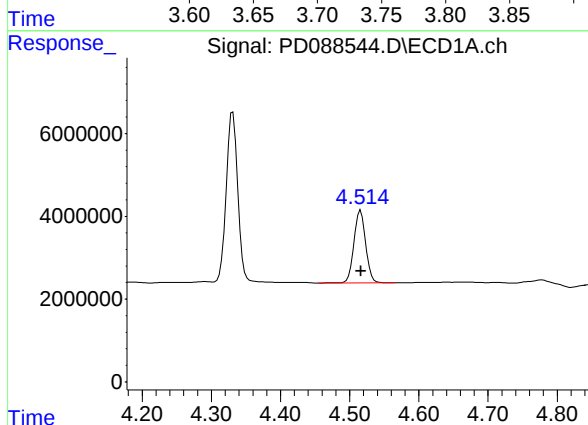
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



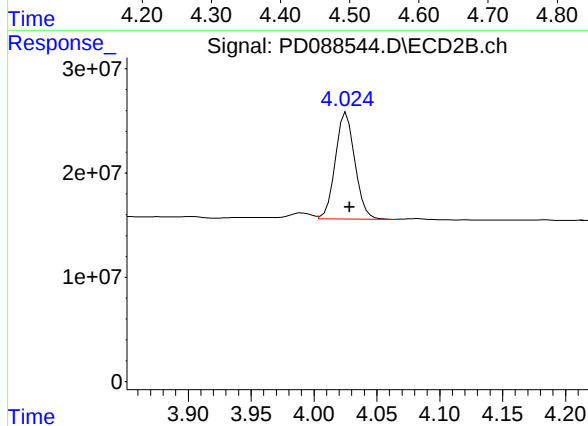
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 252985596
Conc: 11.75 ng/ml



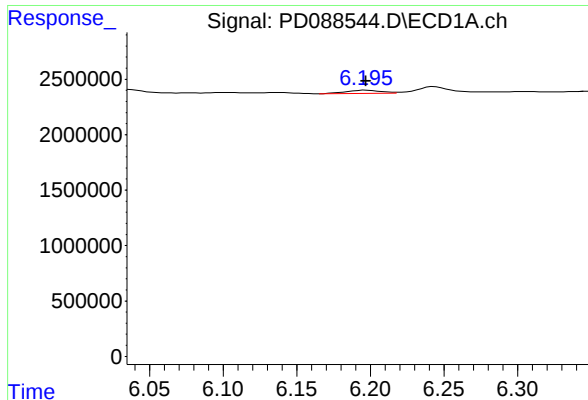
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 20635955
Conc: 12.71 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 110765372
Conc: 11.97 ng/ml



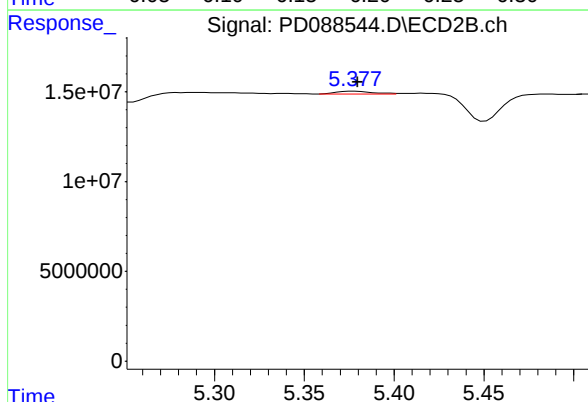
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 482980
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

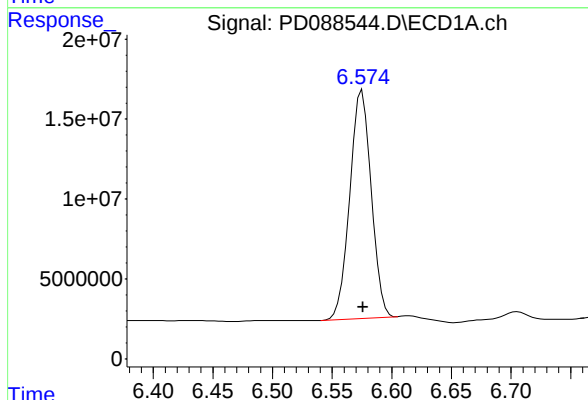
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



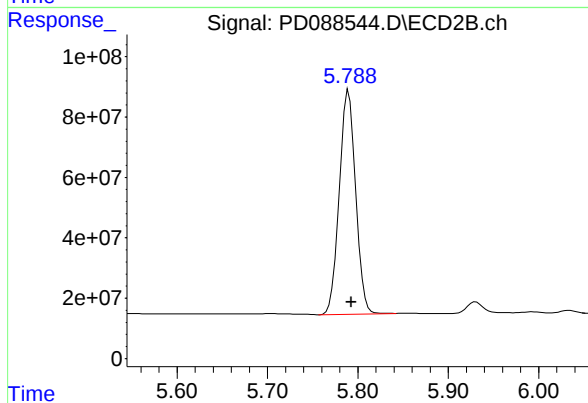
#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 2093060
Conc: 0.11 ng/ml



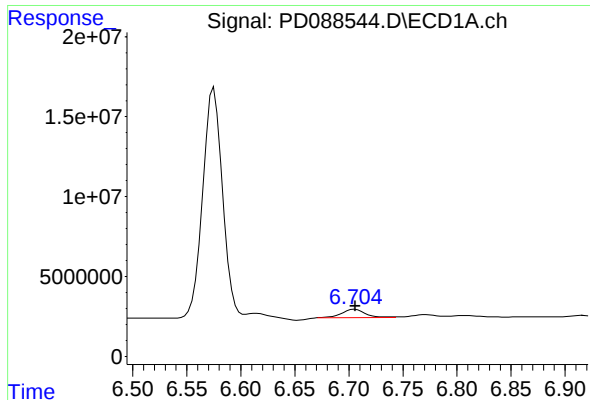
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 178749489
Conc: 59.93 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 934016594
Conc: 51.31 ng/ml



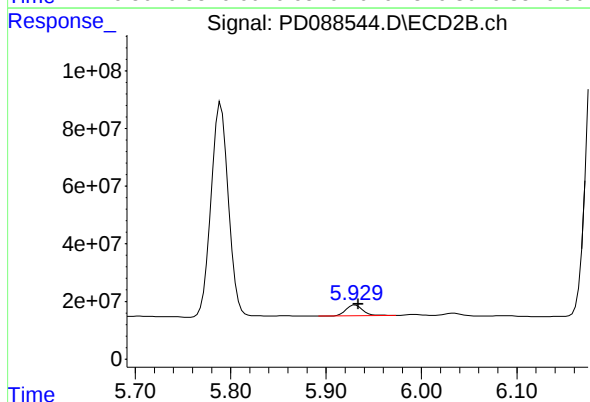
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 7844588
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

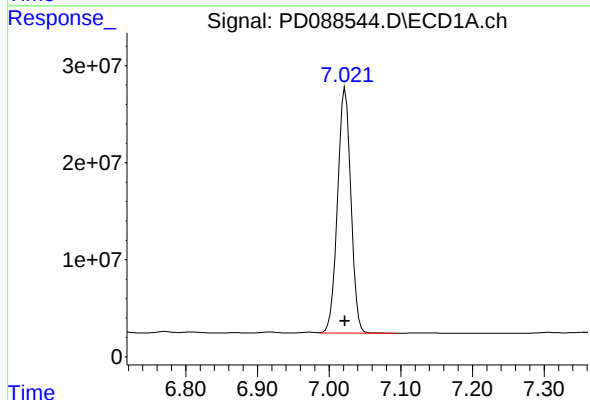
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



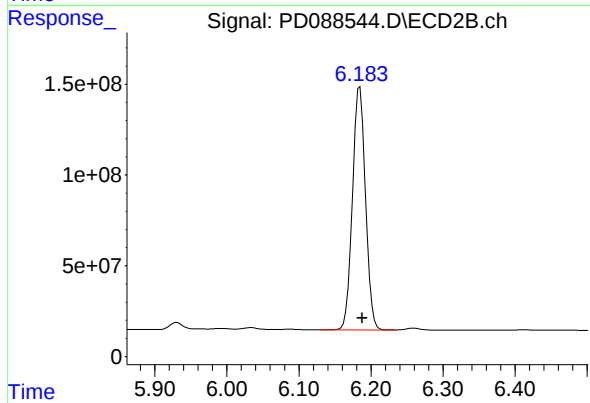
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 46333472
Conc: 2.83 ng/ml



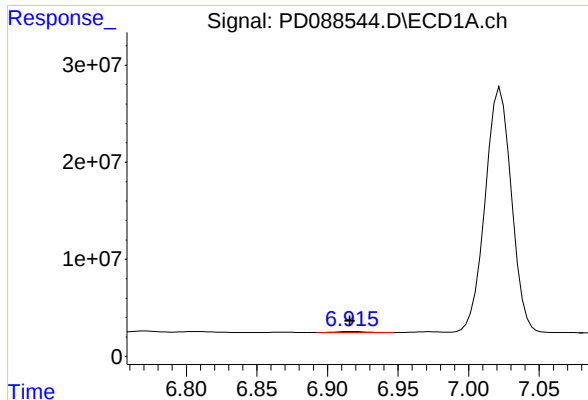
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 328545704
Conc: 118.29 ng/ml



#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 1683768506
Conc: 98.95 ng/ml



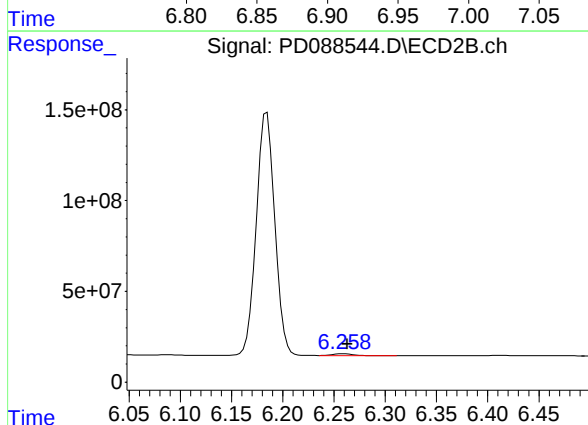
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1504705
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

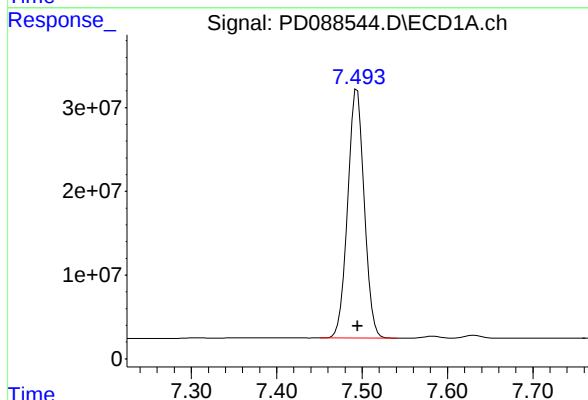
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



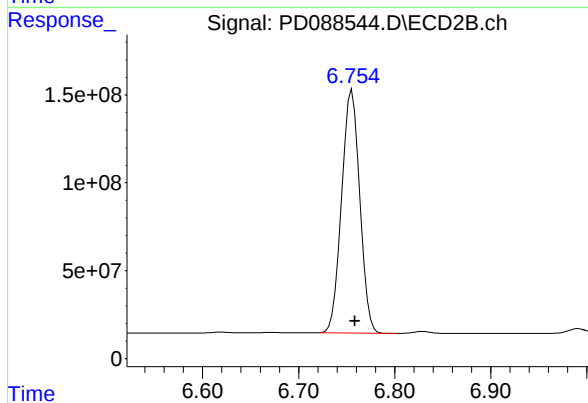
#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 14615685
Conc: 1.10 ng/ml



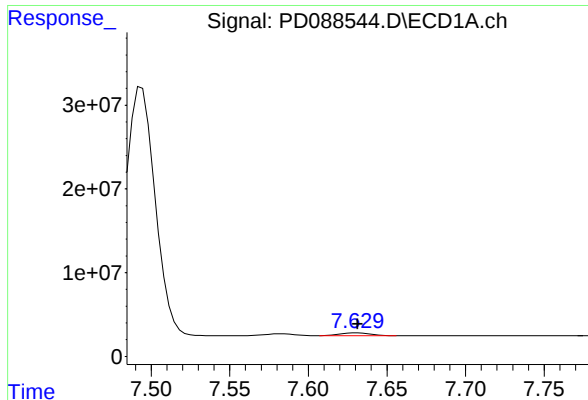
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 401764235
Conc: 267.92 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 1800620351
Conc: 197.41 ng/ml



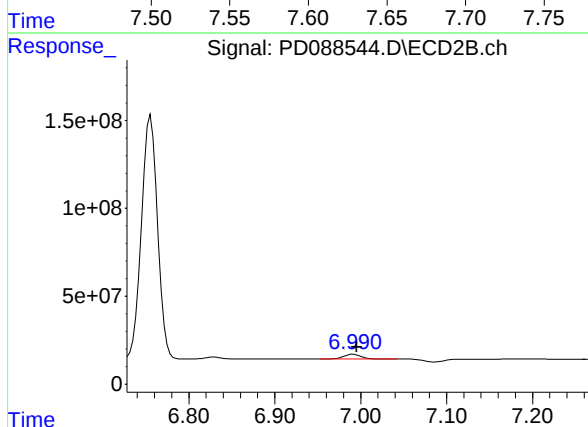
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 4793574
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

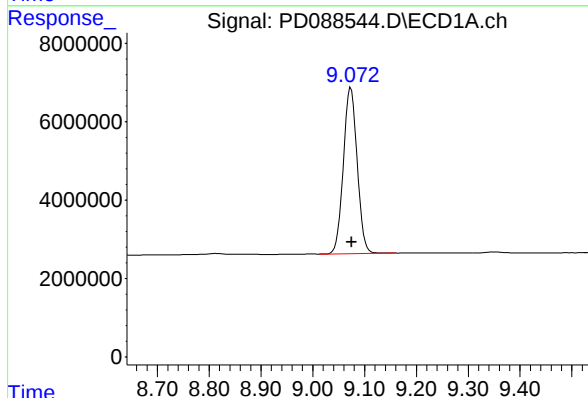
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



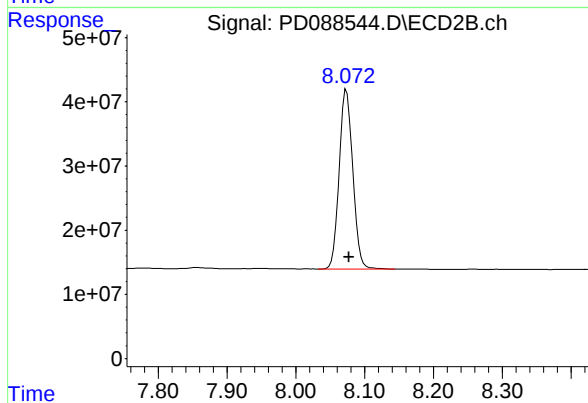
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 35745322
Conc: 1.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 78530729
Conc: 23.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 385390255
Conc: 20.85 ng/ml