

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
 Data File : PD088552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 09:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations APPROVED

Reviewed By : Abdul
 Mirza
 05/16/2025

Supervised By : mohammad
 ahmed
 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 02:16:35 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.556	2.882	44559178	304.3E6	22.309	20.812
28)	SA Decachlor...	9.081	8.077	73616746	367.0E6	22.253	19.861
Target Compounds							
2)	A alpha-BHC	4.005	3.395	44045223	245.5E6	10.215	10.739
3)	MA gamma-BHC...	4.336	3.731	43946740	230.3E6	10.495	10.690
6)	B beta-BHC	4.522	4.027	19344346	92316778	11.916	9.976
14)	MA Endrin	6.581	5.792	164.3E6	891.5E6	55.086	48.975
16)	A 4,4'-DDD	6.711	5.932	6642188	34695900	2.641m	2.117
17)	MA 4,4'-DDT	7.028	6.186	298.4E6	1588.6E6	107.447	93.357
18)	B Endrin al...	6.922	6.259	723416	12915764	0.313m	0.971m#
20)	A Methoxychlor	7.500	6.758	370.6E6	1701.0E6	247.109	186.494
21)	B Endrin ke...	7.634	6.993	3843559	18380302	1.245m	0.983m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
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Acq On : 15 May 2025 09:18
Operator : AR\AJ
Sample : PEM
Misc :
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Instrument :
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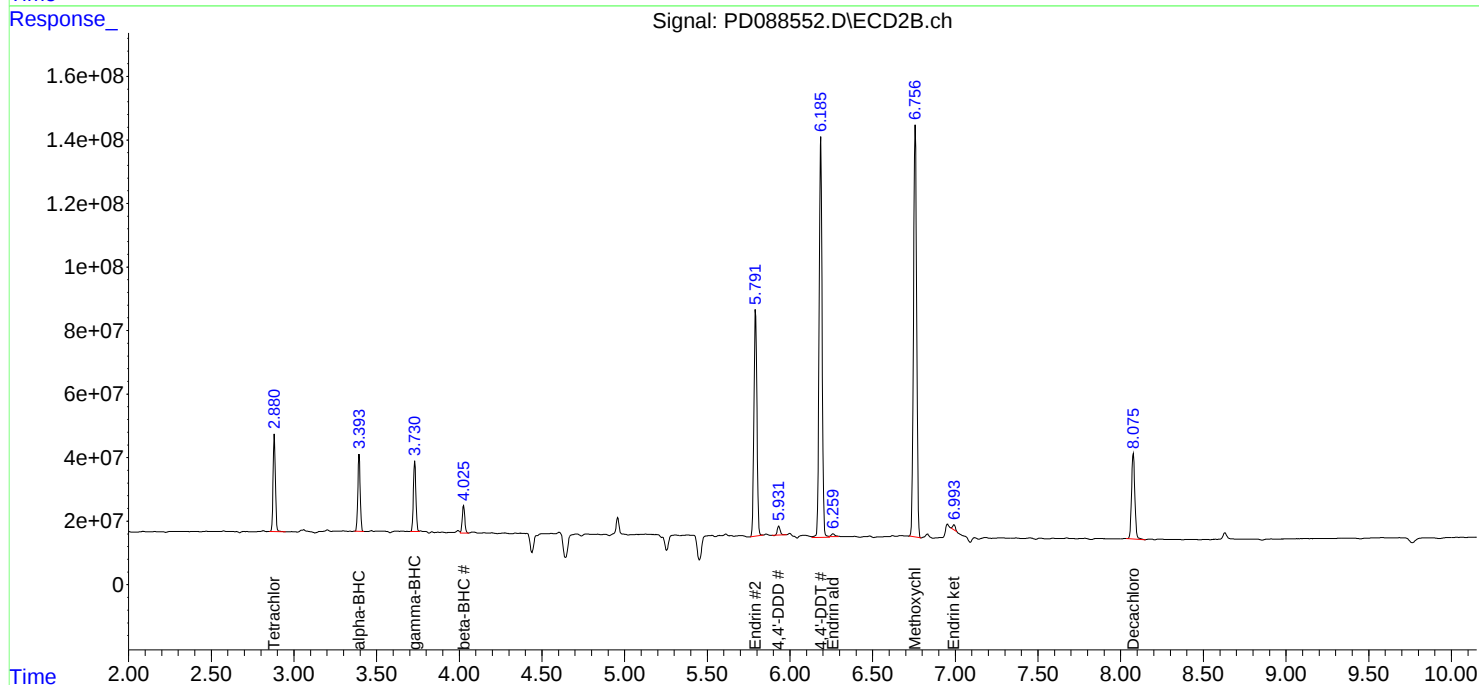
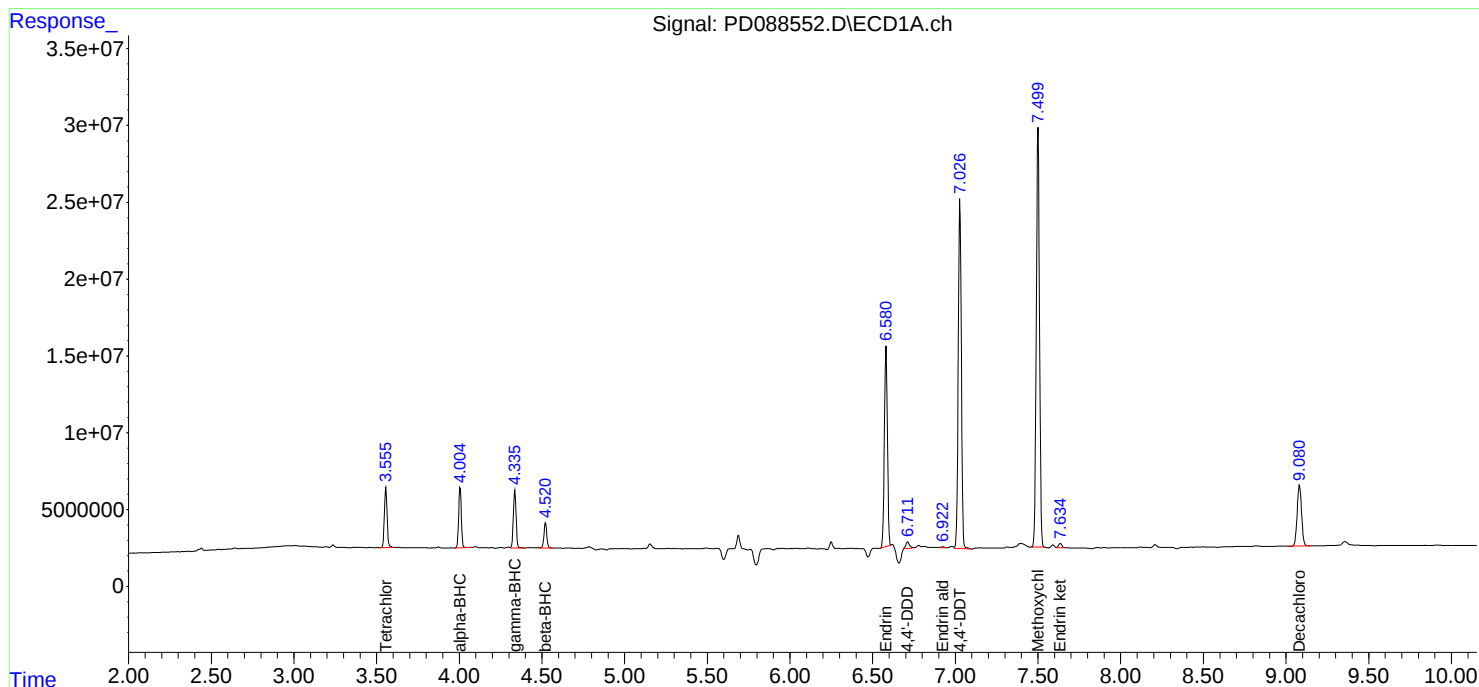
Manual Integrations
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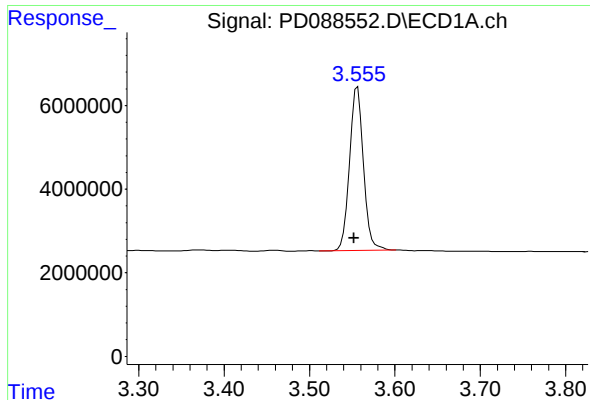
Reviewed By :Abdul
Mirza
05/16/2025

Supervised By :mohammad
ahmed
05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:16:35 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





#1 Tetrachloro-m-xylene

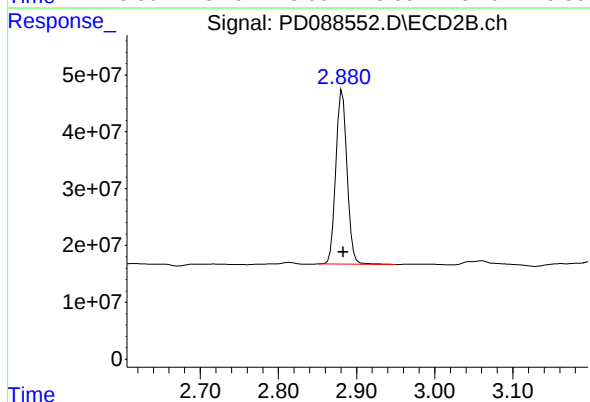
R.T.: 3.556 min
Delta R.T.: 0.004 min
Response: 44559178
Conc: 22.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
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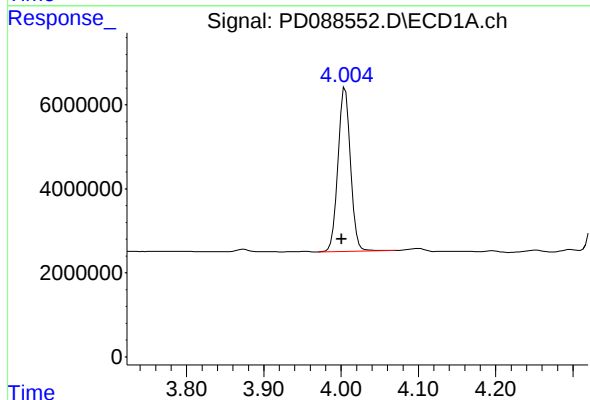
Reviewed By :Abdul
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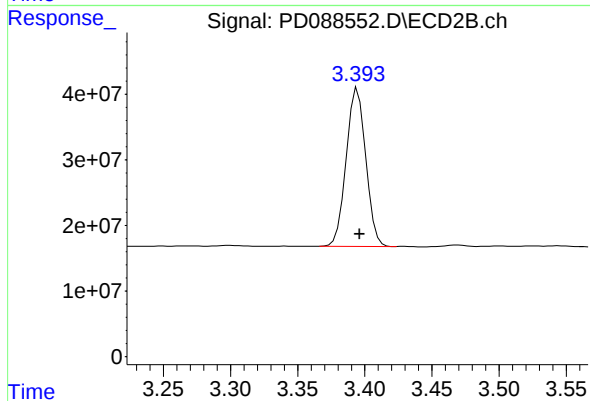
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 304304325
Conc: 20.81 ng/ml



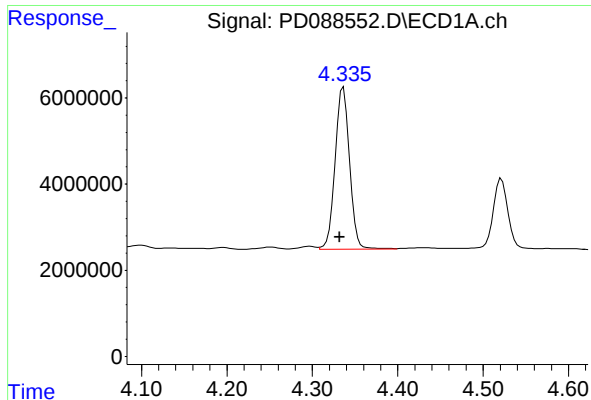
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.004 min
Response: 44045223
Conc: 10.21 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.002 min
Response: 245512559
Conc: 10.74 ng/ml



#3 gamma-BHC (Lindane)

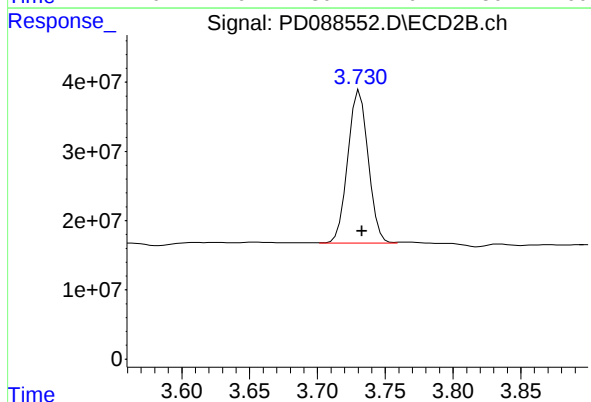
R.T.: 4.336 min
Delta R.T.: 0.005 min
Response: 43946740
Conc: 10.49 ng/ml

Instrument :
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ClientSampleId :
PEM

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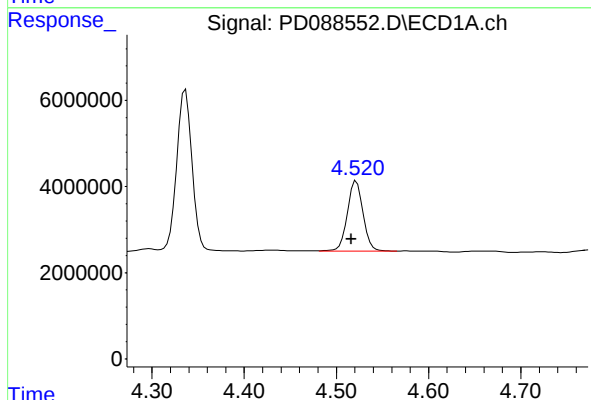
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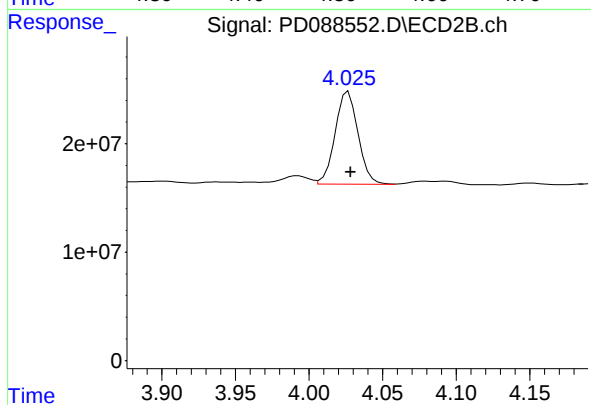
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 230251284
Conc: 10.69 ng/ml



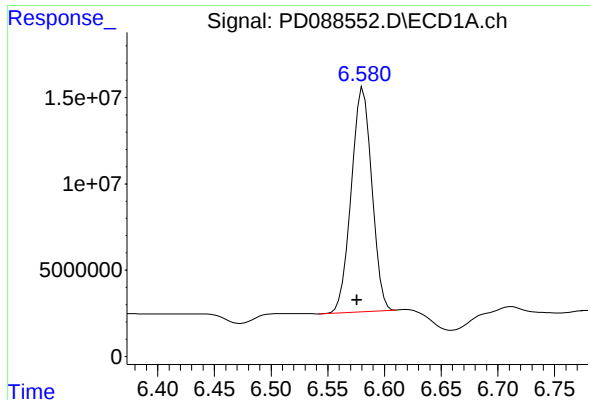
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.005 min
Response: 19344346
Conc: 11.92 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 92316778
Conc: 9.98 ng/ml



#14 Endrin

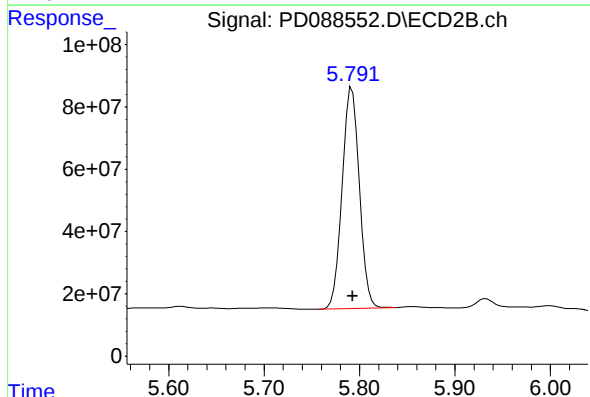
R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 164297390
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
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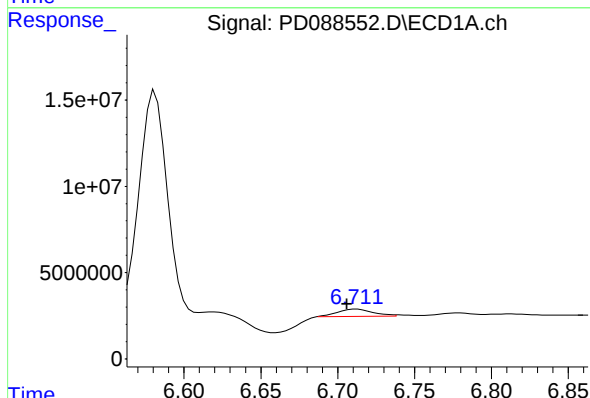
Reviewed By :Abdul
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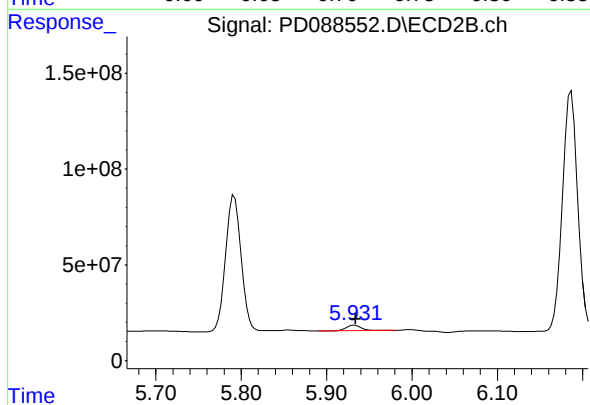
#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 891463757
Conc: 48.98 ng/ml



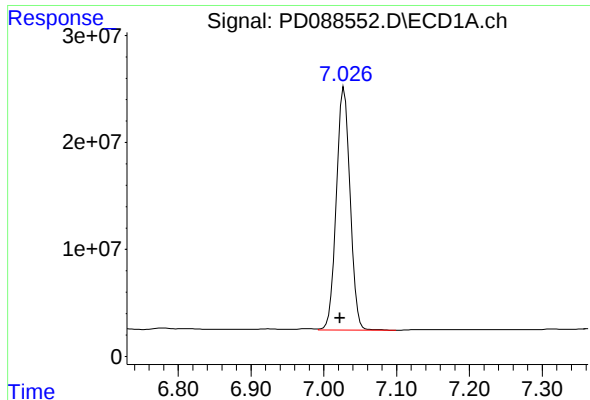
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 6642188
Conc: 2.64 ng/ml m



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 34695900
Conc: 2.12 ng/ml



#17 4,4'-DDT

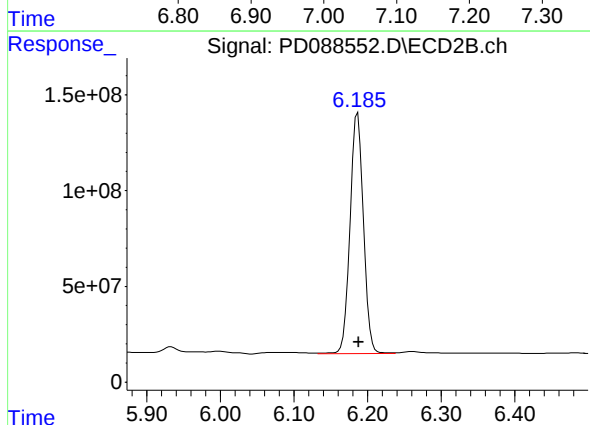
R.T.: 7.028 min
Delta R.T.: 0.006 min
Response: 298437565
Conc: 107.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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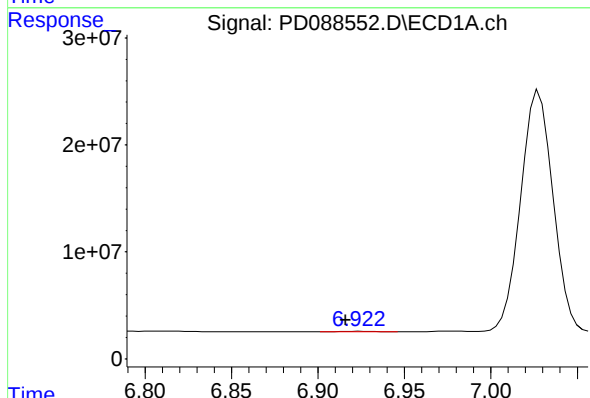
Reviewed By :Abdul
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ahmed
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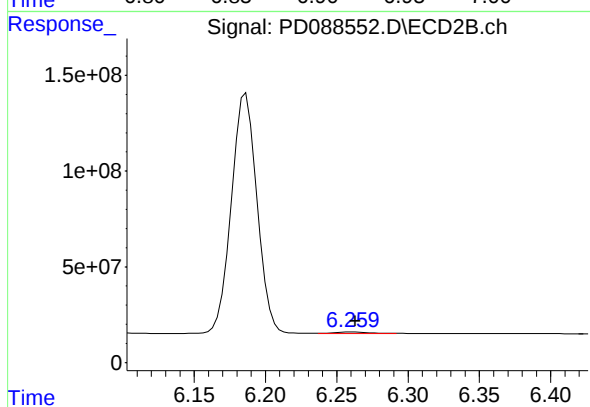
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1588602250
Conc: 93.36 ng/ml



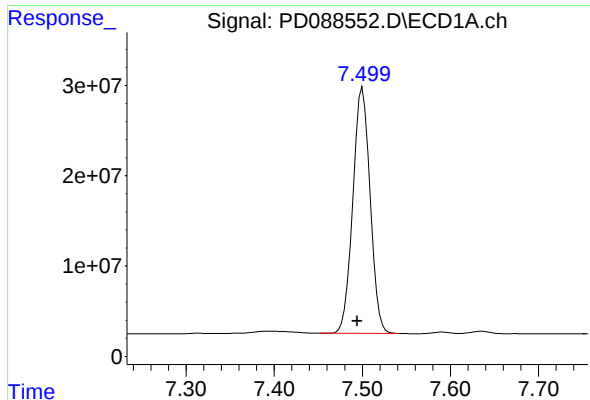
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.006 min
Response: 723416
Conc: 0.31 ng/ml m



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 12915764
Conc: 0.97 ng/ml m



#20 Methoxychlor

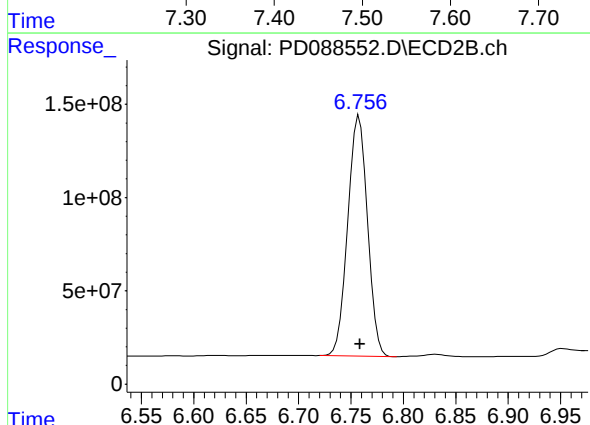
R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 370551685
Conc: 247.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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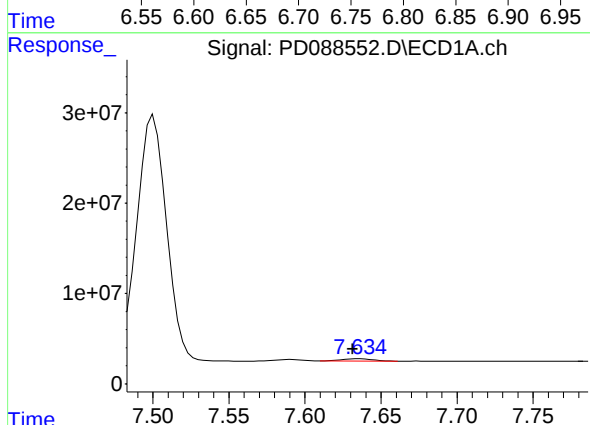
Reviewed By :Abdul
Mirza
05/16/2025

Supervised By :mohammad
ahmed
05/19/2025



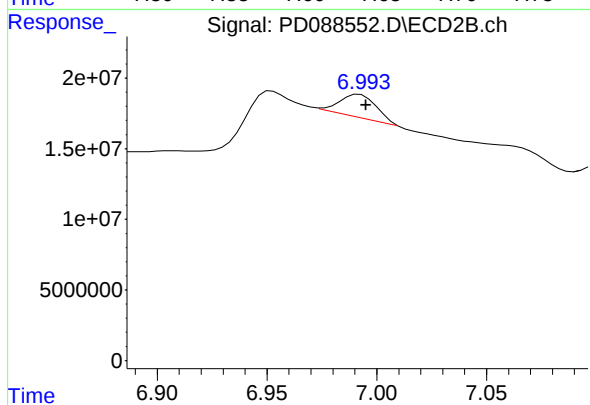
#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1701019683
Conc: 186.49 ng/ml



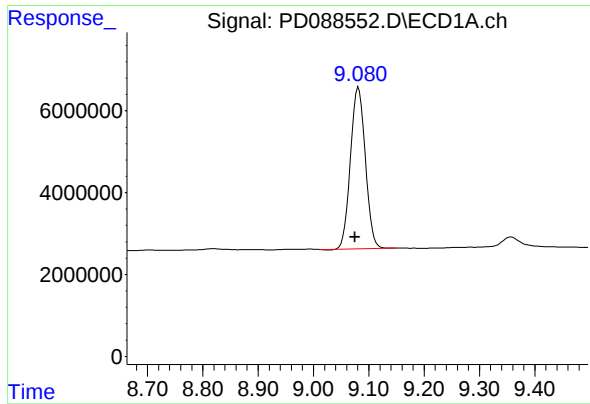
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.003 min
Response: 3843559
Conc: 1.25 ng/ml m



#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 18380302
Conc: 0.98 ng/ml m



#28 Decachlorobiphenyl

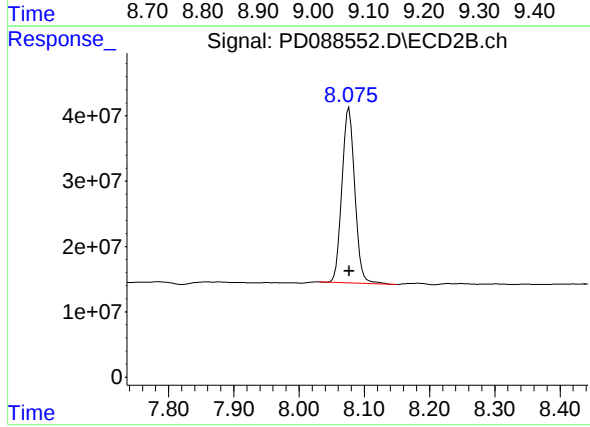
R.T.: 9.081 min
Delta R.T.: 0.006 min
Response: 73616746
Conc: 22.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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ahmed
05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 367017270
Conc: 19.86 ng/ml