

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 11:24
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2025
 Supervised By : mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:14:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:54:40 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...	3.545	2.876	17825803	159.9E6	5.732m	6.147
28)	SA Decachlor...	9.067	8.064	28924383	194.1E6	6.331	6.405
Target Compounds							
2)	A alpha-BHC	3.995	3.388	32409405	246.0E6	4.677	5.874 #
3)	MA gamma-BHC...	4.326	3.724	31965550	230.5E6	4.899	5.927
4)	MA Heptachlor	4.923	4.076	33247136	235.0E6	5.126m	6.042
5)	MB Aldrin	5.266	4.362	31981202	226.7E6	5.130	5.922
6)	B beta-BHC	4.513	4.020	14541568	101.7E6	5.901	6.181
7)	B delta-BHC	4.760	4.256	30051030	232.7E6	4.669m	5.873 #
8)	B Heptachlo...	5.686	4.866	30902364	222.2E6	5.598	6.371
9)	A Endosulfan I	6.070	5.240	28890370	201.8E6	5.506	6.101
10)	B gamma-Chl...	5.941	5.119	29291567	225.3E6	5.245	6.002
11)	B alpha-Chl...	6.022	5.183	30398915	216.3E6	5.424	6.010
12)	B 4,4'-DDE	6.191	5.367	26114536	217.7E6	5.092	5.935m
13)	MA Dieldrin	6.342	5.505	29402820	224.1E6	5.196	6.000
14)	MA Endrin	6.569	5.781	25102642	207.6E6	5.240	6.103m
15)	B Endosulfa...	6.782	6.074	26078573	197.3E6	5.470	6.111
16)	A 4,4'-DDD	6.701	5.922	20863834	186.1E6	5.198	6.003
17)	MA 4,4'-DDT	7.016	6.176	22380902	188.5E6	5.118	5.670
18)	B Endrin al...	6.911	6.252	19263706	137.1E6	5.822	6.049
19)	B Endosulfa...	7.145	6.475	25098674	192.3E6	5.639	6.177
20)	A Methoxychlor	7.489	6.747	13357437	102.8E6	5.928	6.205
21)	B Endrin ke...	7.627	6.985	26444173	214.2E6	5.516	6.234
22)	Mirex	8.110	7.178	22153300	167.5E6	6.351	6.460

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:24
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

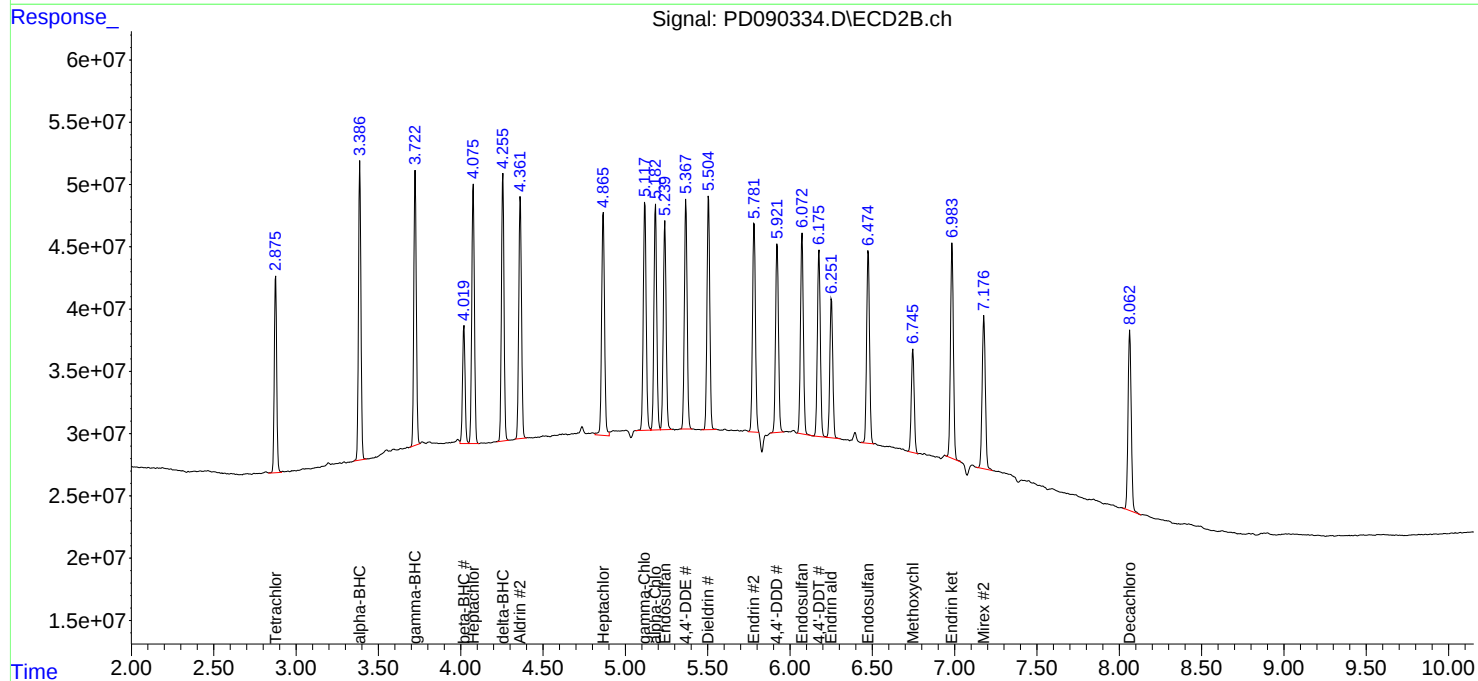
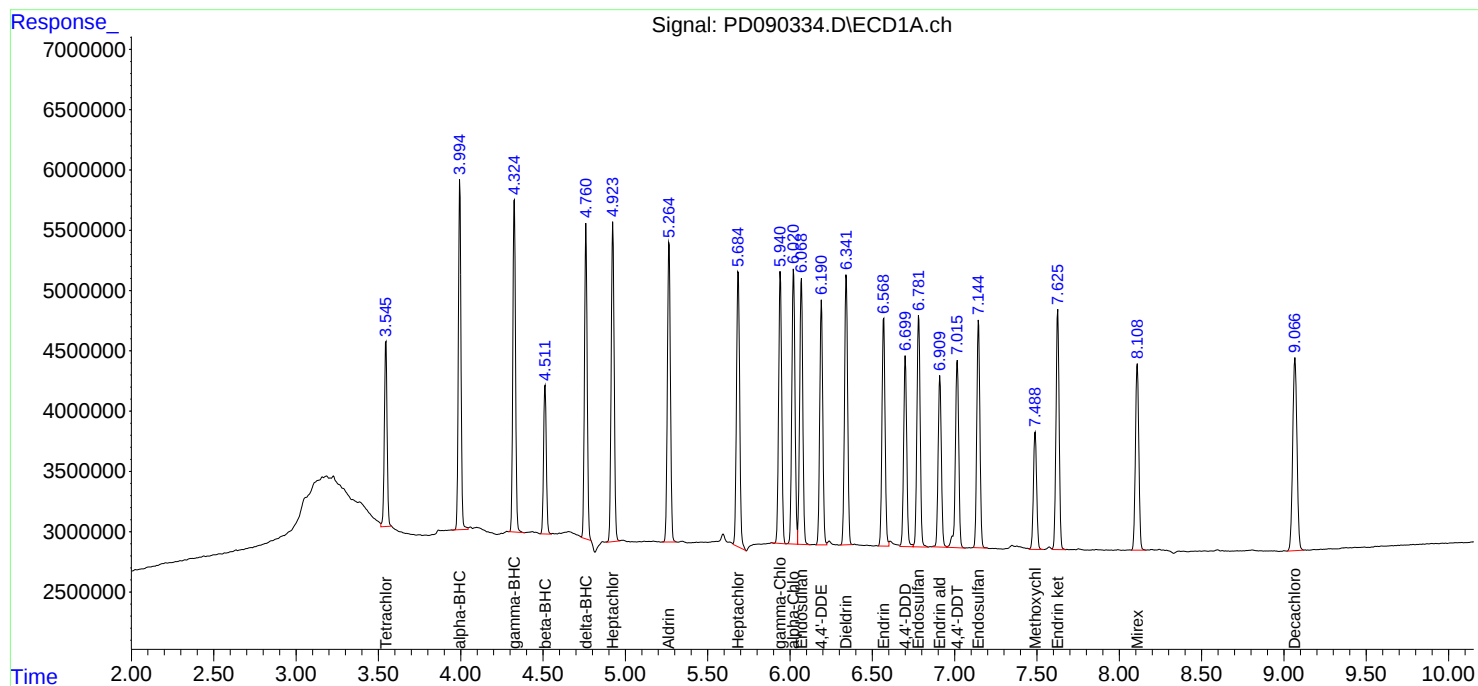
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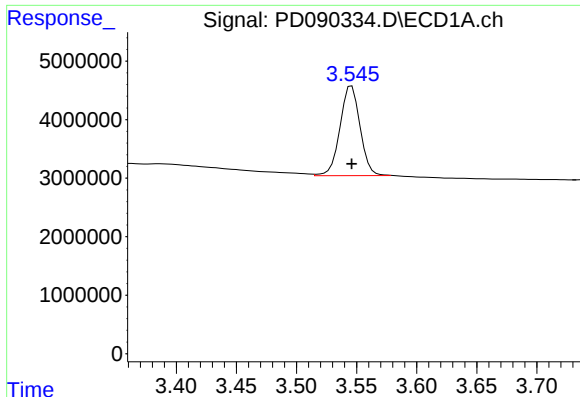
Reviewed By :Abdul Mirza 09/19/2025

Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 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





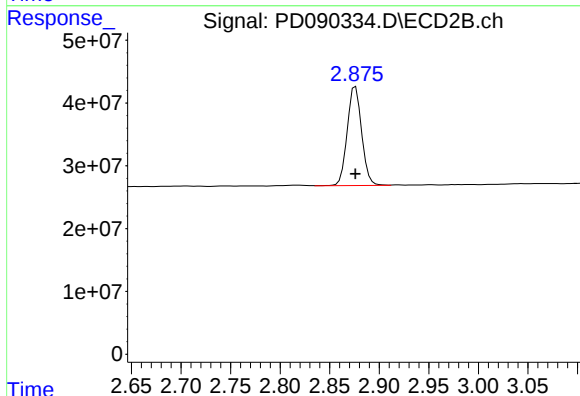
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 17825803
Conc: 5.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

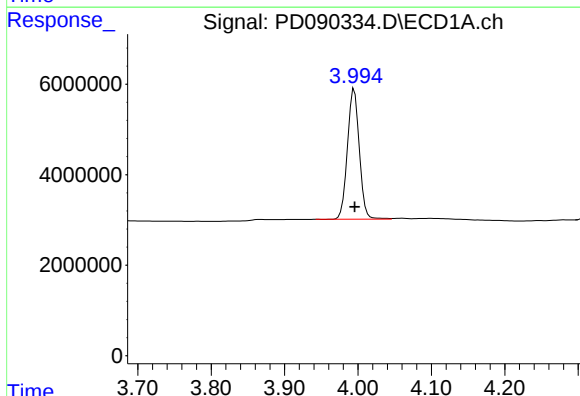
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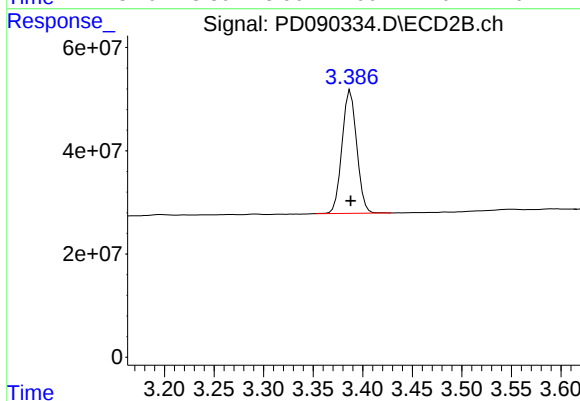
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 159888318
Conc: 6.15 ng/ml



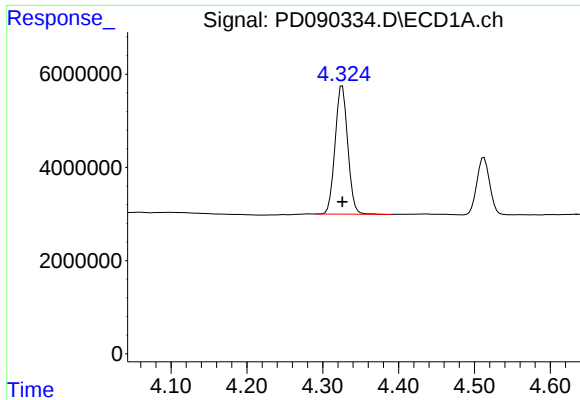
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 32409405
Conc: 4.68 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 245995366
Conc: 5.87 ng/ml



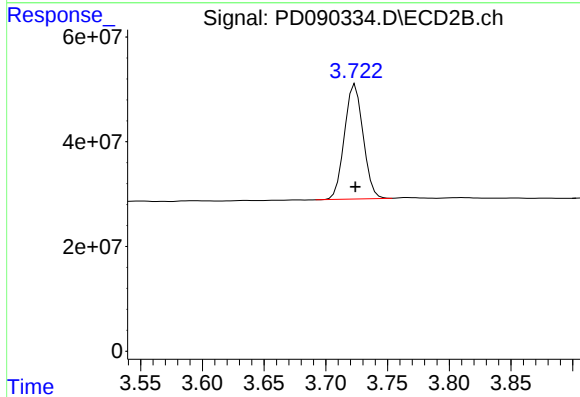
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 31965550
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

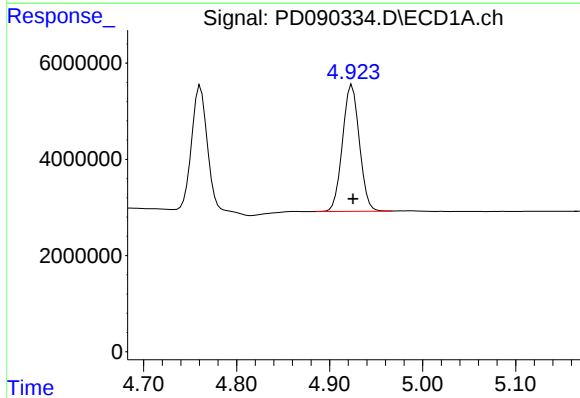
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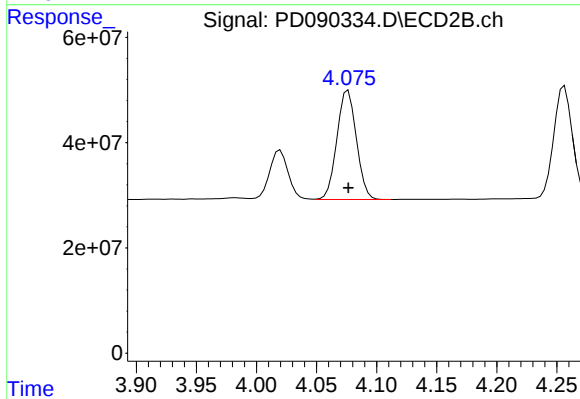
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 230522704
Conc: 5.93 ng/ml



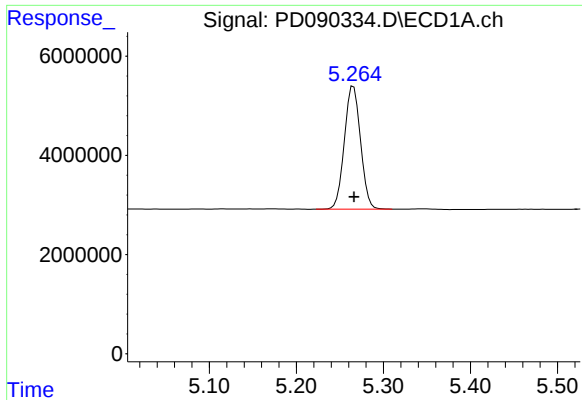
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 33247136
Conc: 5.13 ng/ml m



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 234951730
Conc: 6.04 ng/ml



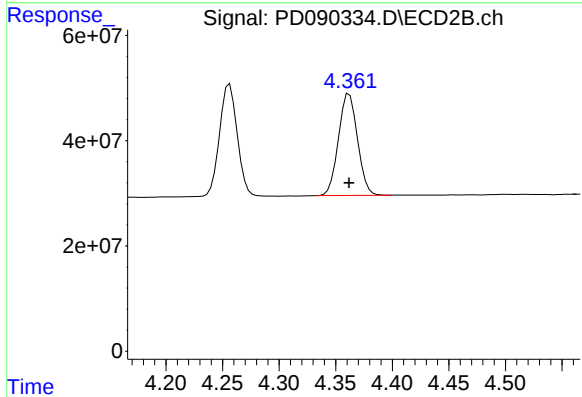
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 31981202
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

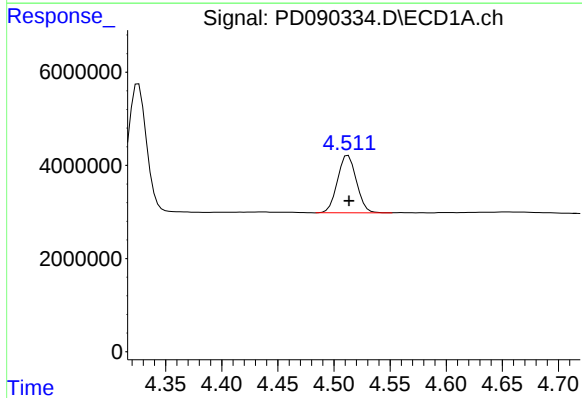
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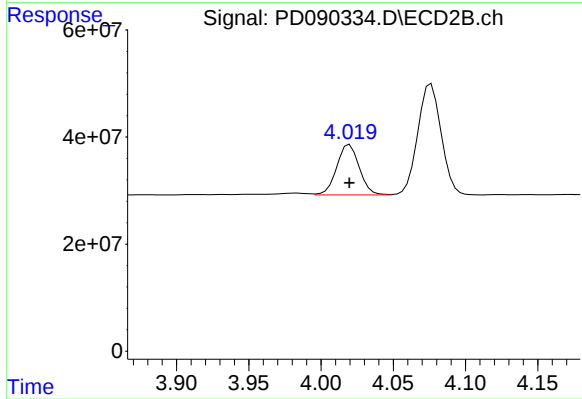
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 226660252
Conc: 5.92 ng/ml



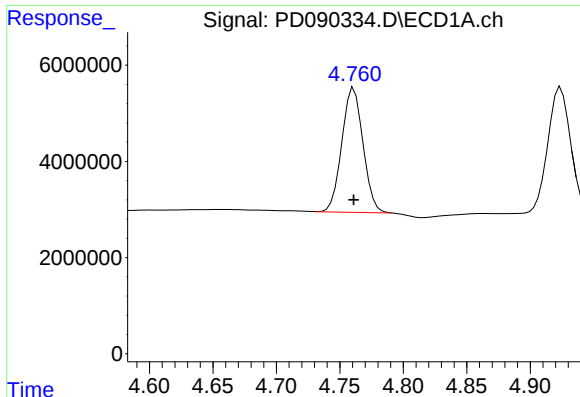
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 14541568
Conc: 5.90 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 101680104
Conc: 6.18 ng/ml



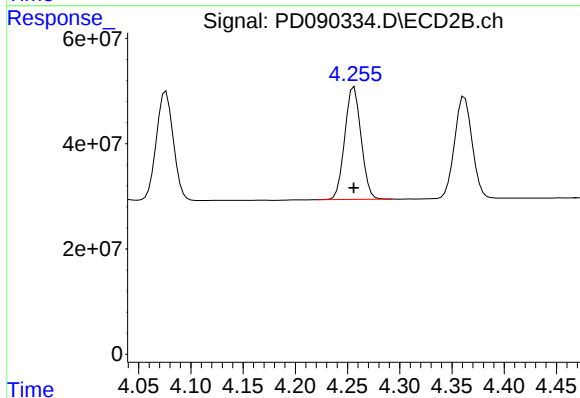
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 30051030
Conc: 4.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

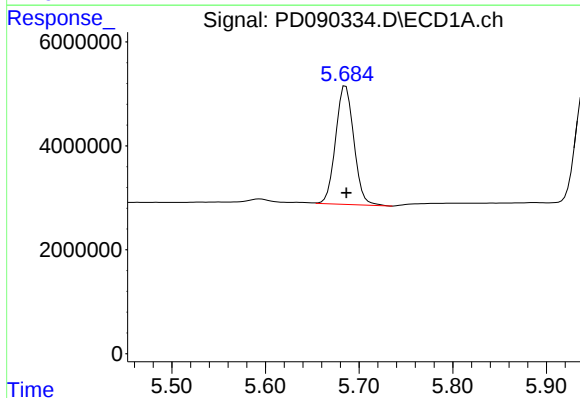
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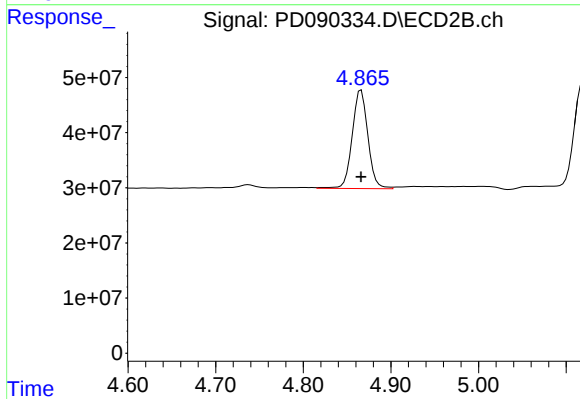
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 232712382
Conc: 5.87 ng/ml



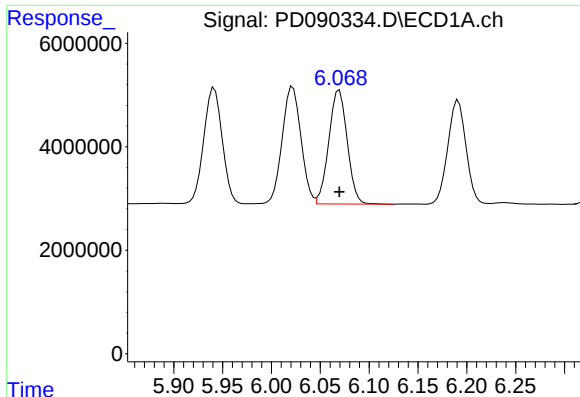
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 30902364
Conc: 5.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 222230173
Conc: 6.37 ng/ml



#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 28890370
Conc: 5.51 ng/ml

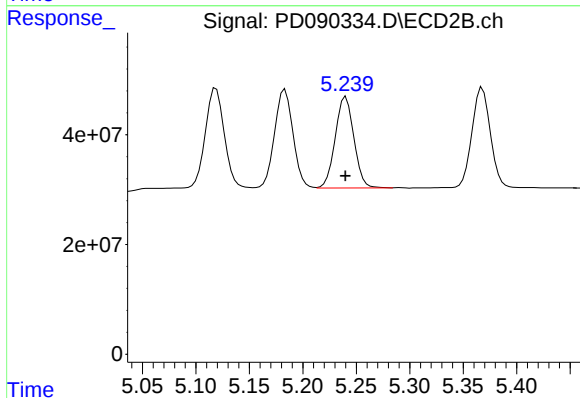
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
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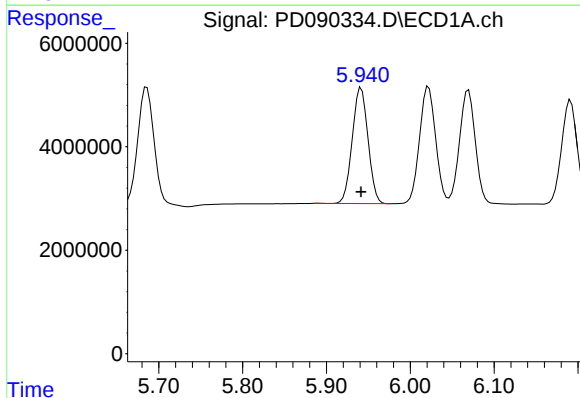
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Supervised By :mohammad
ahmed

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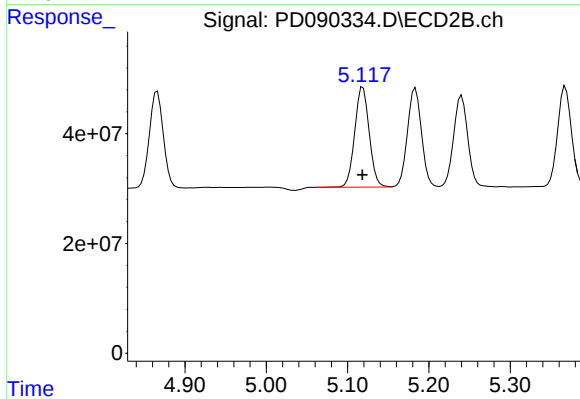
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 201843147
Conc: 6.10 ng/ml



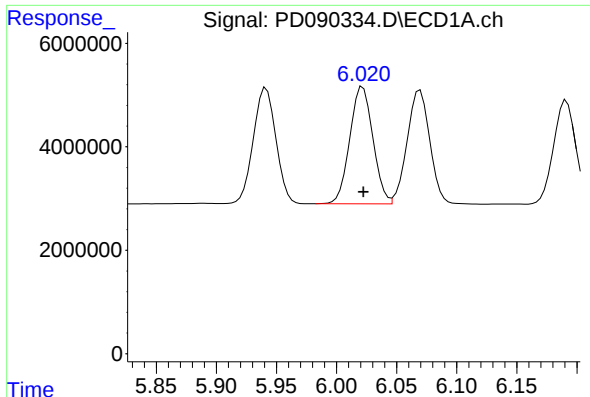
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 29291567
Conc: 5.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 225289175
Conc: 6.00 ng/ml



#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 30398915
Conc: 5.42 ng/ml

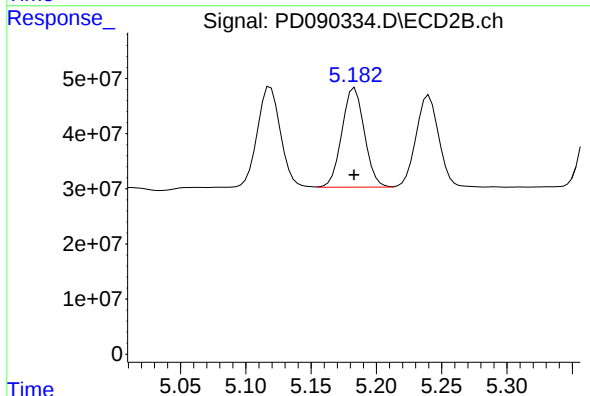
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

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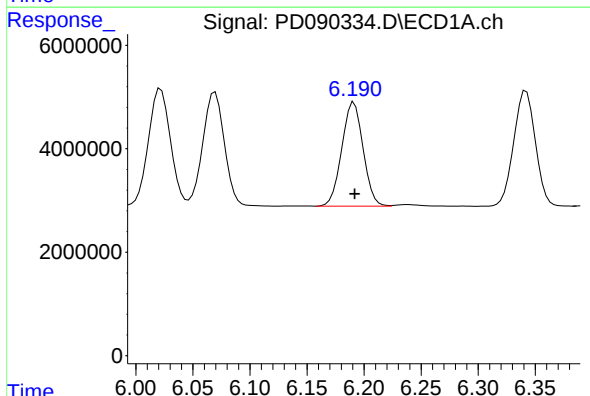
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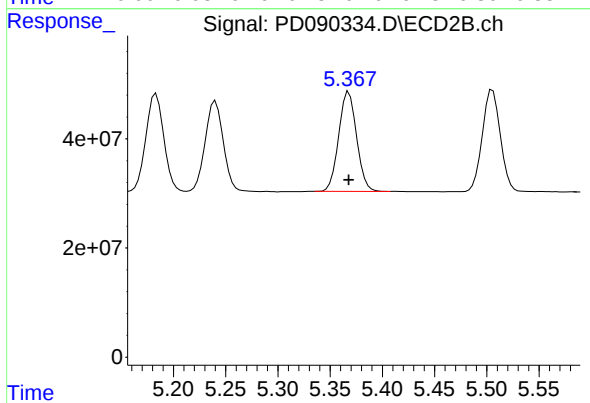
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 216275426
Conc: 6.01 ng/ml



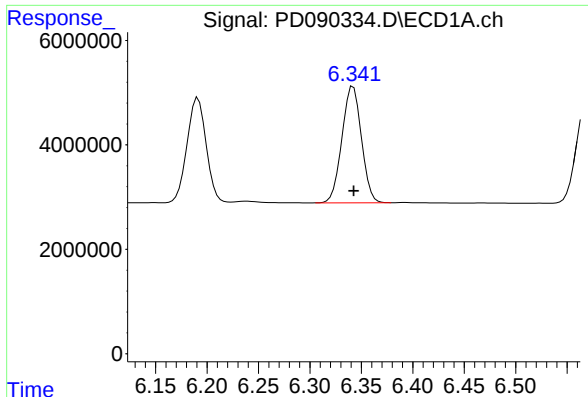
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 26114536
Conc: 5.09 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 217747685
Conc: 5.94 ng/ml m



#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 29402820
Conc: 5.20 ng/ml

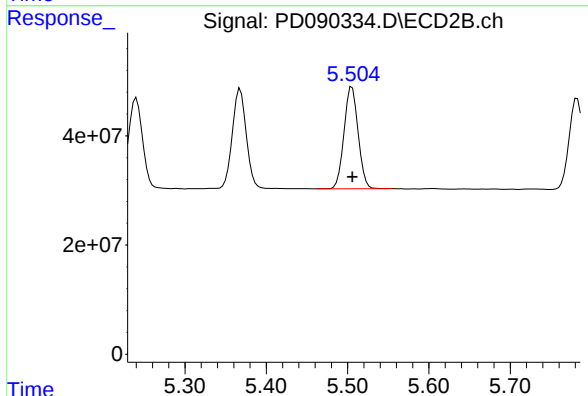
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

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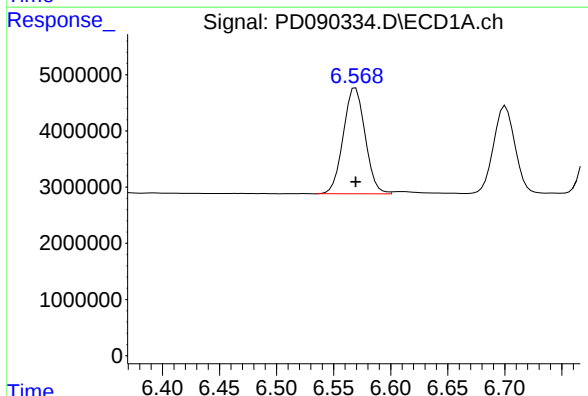
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Supervised By :mohammad
ahmed

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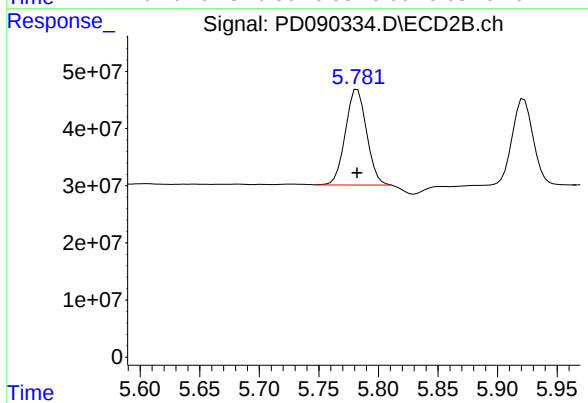
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 224143340
Conc: 6.00 ng/ml



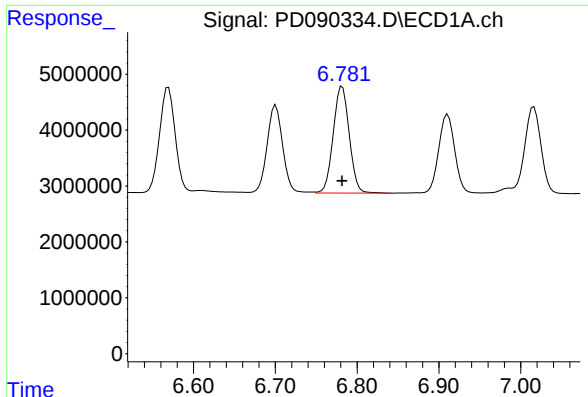
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 25102642
Conc: 5.24 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 207633420
Conc: 6.10 ng/ml m



#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 26078573
Conc: 5.47 ng/ml

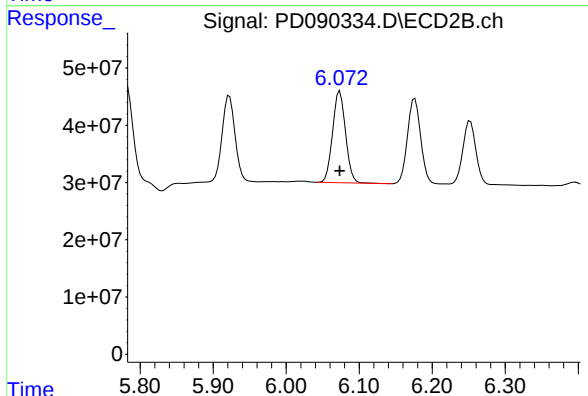
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

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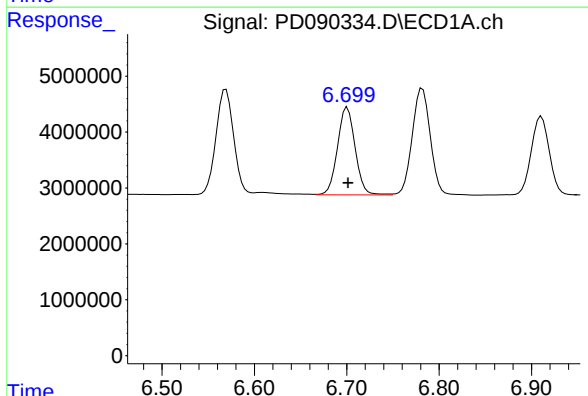
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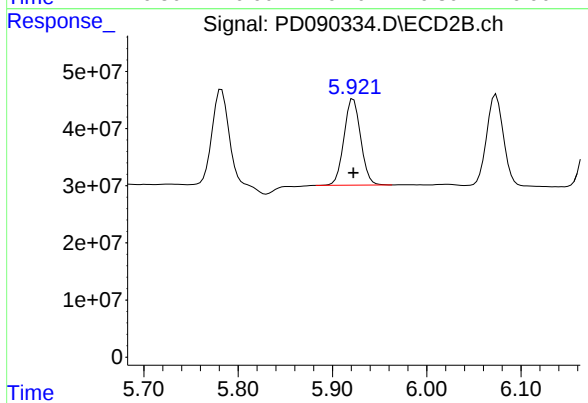
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 197294415
Conc: 6.11 ng/ml



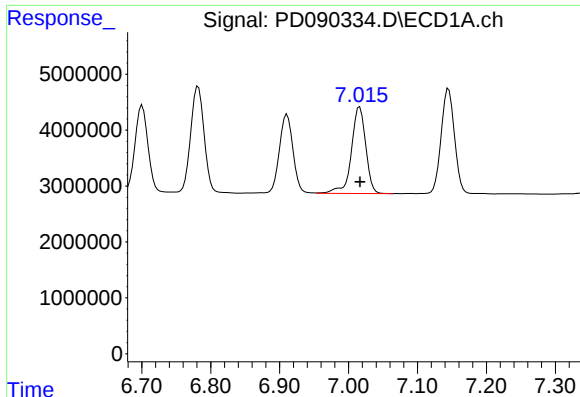
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 20863834
Conc: 5.20 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 186144610
Conc: 6.00 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 22380902
Conc: 5.12 ng/ml

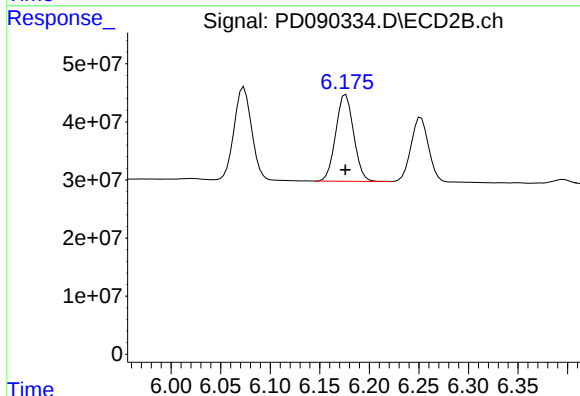
Instrument :
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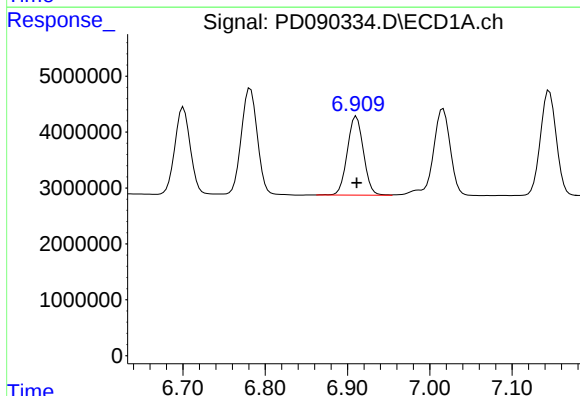
09/19/2025
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09/22/2025



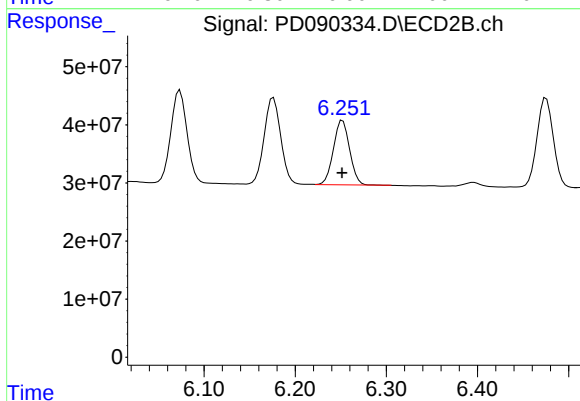
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 188527505
Conc: 5.67 ng/ml



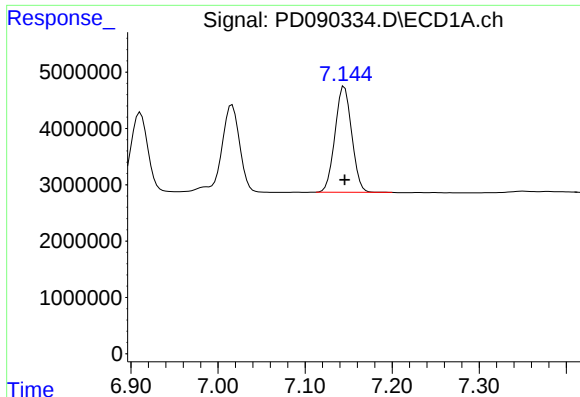
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 19263706
Conc: 5.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 137085224
Conc: 6.05 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 25098674
Conc: 5.64 ng/ml

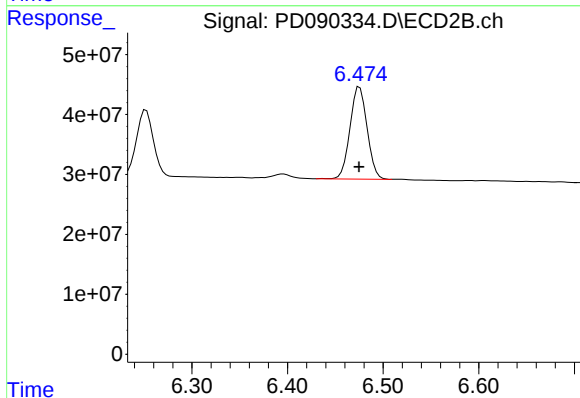
Instrument :
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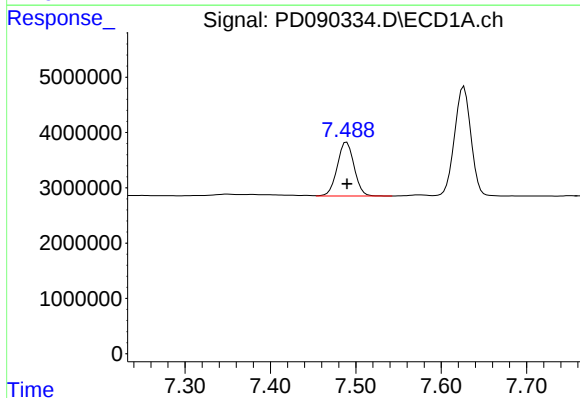
09/19/2025
Supervised By :mohammad
ahmed

09/22/2025



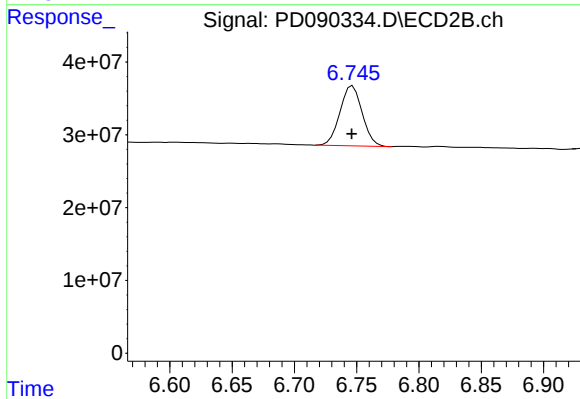
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 192281123
Conc: 6.18 ng/ml



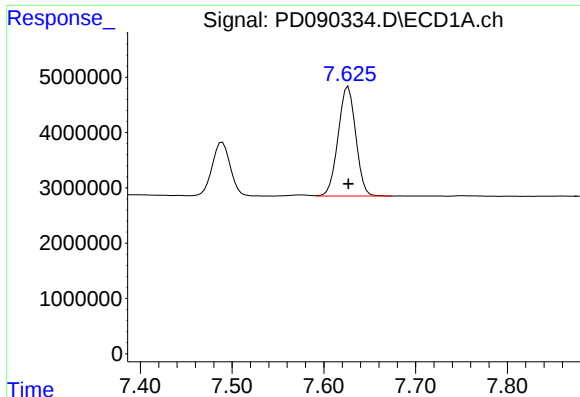
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 13357437
Conc: 5.93 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 102844152
Conc: 6.20 ng/ml



#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 26444173
Conc: 5.52 ng/ml

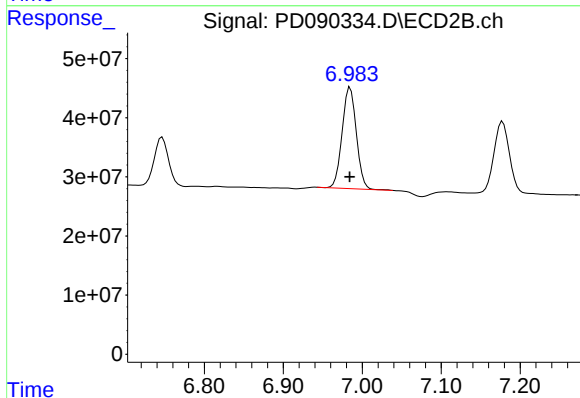
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
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Reviewed By :Abdul
Mirza

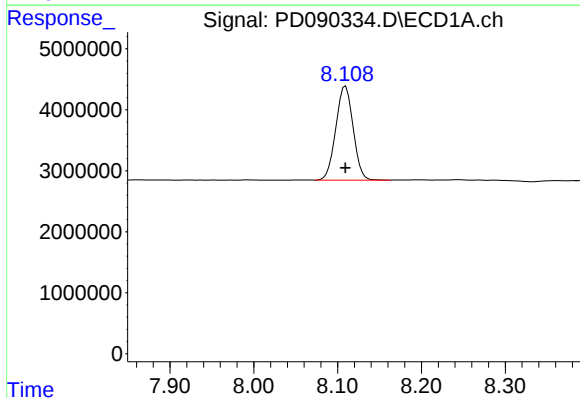
09/19/2025
Supervised By :mohammad
ahmed

09/22/2025



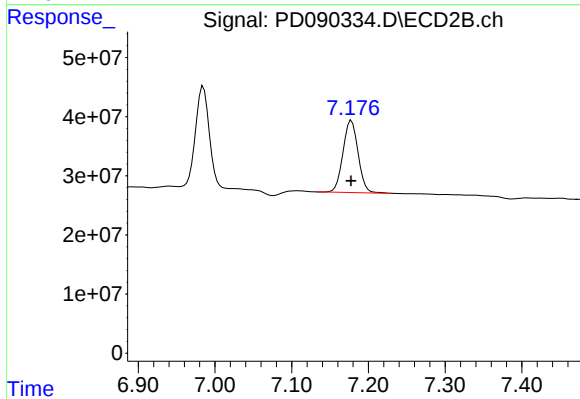
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 214191014
Conc: 6.23 ng/ml



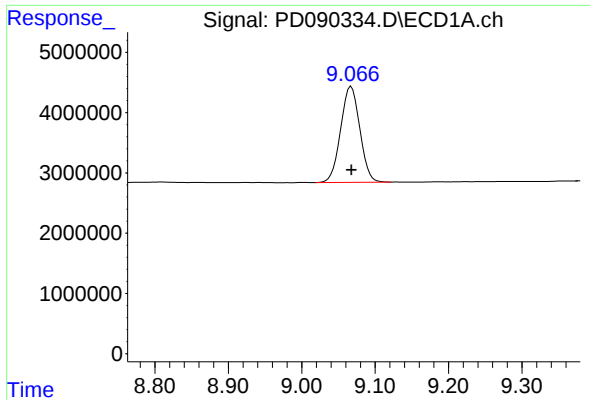
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 22153300
Conc: 6.35 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 167487946
Conc: 6.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 28924383
Conc: 6.33 ng/ml

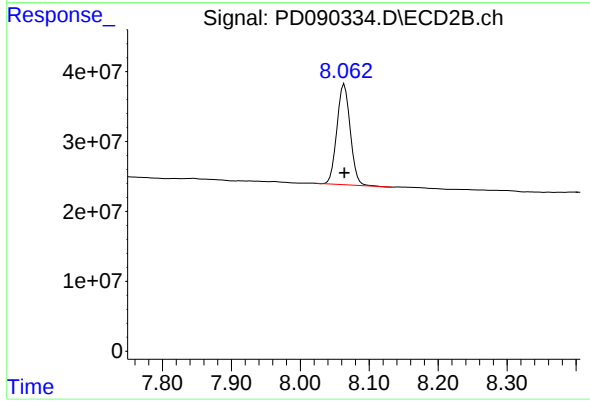
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

09/19/2025
Supervised By :mohammad
ahmed

09/22/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 194139774
Conc: 6.41 ng/ml