

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 21:43
 Operator : AR\AJ
 Sample : Q3181-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A3-01-CMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:35:03 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...	3.545	2.874	52424057	419.7E6	16.128	15.291m
28)	SA Decachlor...	9.063	8.061	72499501	473.8E6	15.026	14.617
Target Compounds							
2)	A alpha-BHC	3.994	3.387	256.4E6	1551.7E6	36.711	35.440
3)	MA gamma-BHC...	4.323	3.723	242.2E6	1436.0E6	36.600m	35.251
4)	MA Heptachlor	4.923	4.075	241.7E6	1462.2E6	36.546	35.911
5)	MB Aldrin	5.264	4.361	225.7E6	1383.2E6	35.540	34.637
6)	B beta-BHC	4.512	4.019	85415709	658.1E6	33.108	37.963
7)	B delta-BHC	4.758	4.255	244.6E6	1480.9E6	37.883m	35.862
8)	B Heptachlo...	5.684	4.865	208.4E6	1458.6E6	36.470	39.565
9)	A Endosulfan I	6.066	5.239	198.5E6	1252.2E6	36.755m	36.184
10)	B gamma-Chl...	5.939	5.117	202.1E6	1404.0E6	35.378	35.737
11)	B alpha-Chl...	6.019	5.182	210.9E6	1346.8E6	36.611m	35.758
12)	B 4,4'-DDE	6.189	5.366	189.6E6	1364.2E6	36.405	35.637
13)	MA Dieldrin	6.340	5.504	217.7E6	1425.9E6	37.763	36.611
14)	MA Endrin	6.568	5.781	188.7E6	1316.5E6	38.553	36.741
15)	B Endosulfa...	6.780	6.072	188.9E6	1244.2E6	38.736	36.866
16)	A 4,4'-DDD	6.699	5.920	153.9E6	1168.9E6	37.552	36.045
17)	MA 4,4'-DDT	7.014	6.174	171.7E6	1256.0E6	38.569	36.534
18)	B Endrin al...	6.909	6.250	138.7E6	932.8E6	40.440	39.614
19)	B Endosulfa...	7.143	6.474	175.1E6	1212.1E6	38.060	37.077
20)	A Methoxychlor	7.487	6.745	89799011	650.8E6	38.107	37.404
21)	B Endrin ke...	7.624	6.982	187.9E6	1305.9E6	37.980	36.171
22)	Mirex	8.106	7.175	132.8E6	950.8E6	35.850	34.441

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:43
Operator : AR\AJ
Sample : Q3181-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

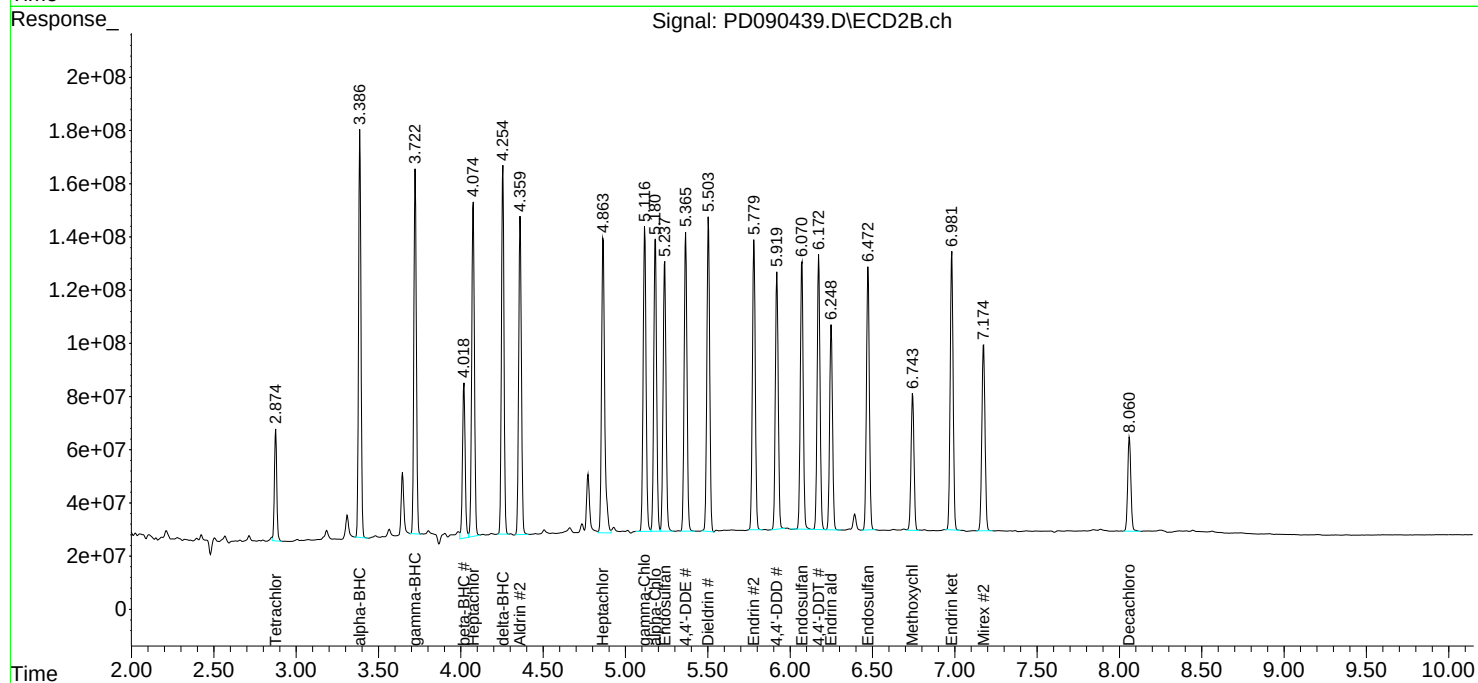
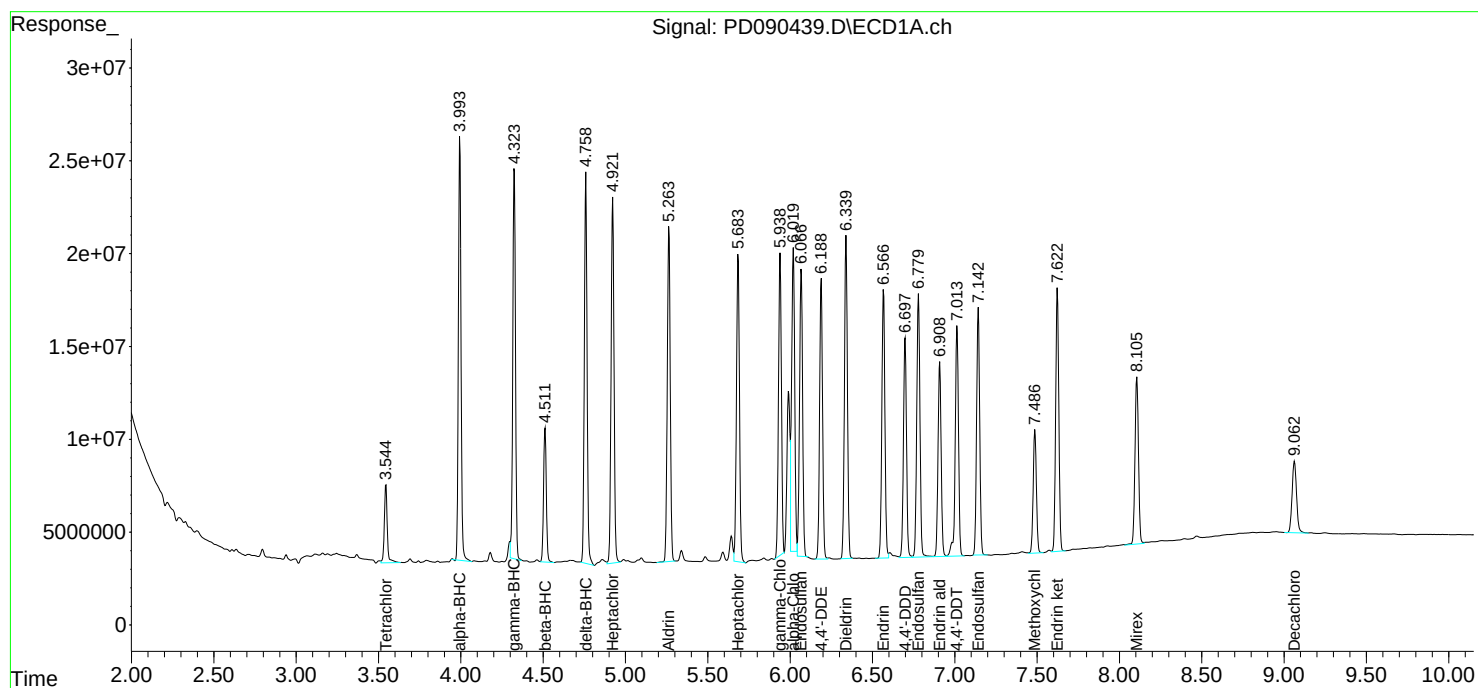
Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMSD

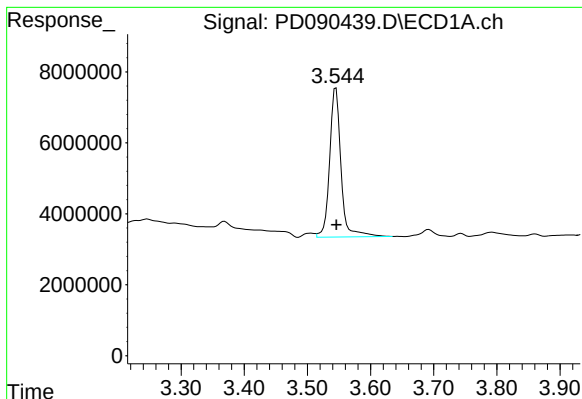
Manual Integrations
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Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:35:03 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.: 3.545 min
Delta R.T.: 0.000 min
Response: 52424057
Conc: 16.13 ng/ml

Instrument :

ECD_D

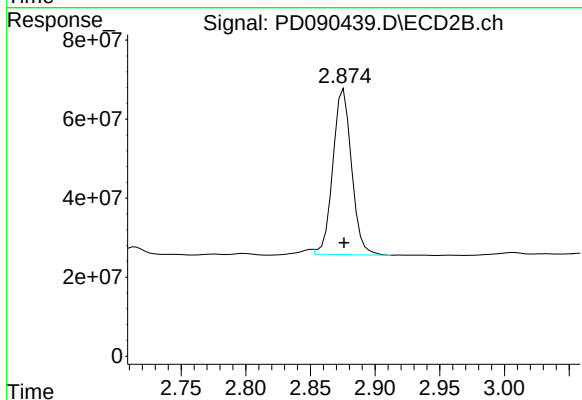
ClientSampleId :

WC-A3-01-CMSD

Manual Integrations

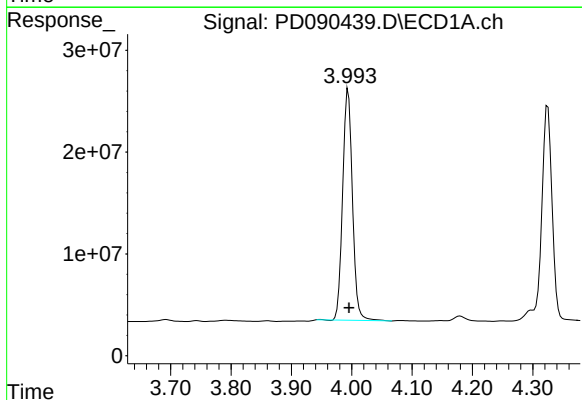
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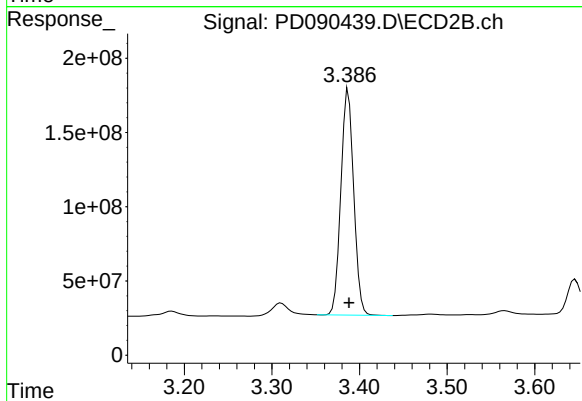
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 419749845
Conc: 15.29 ng/ml m



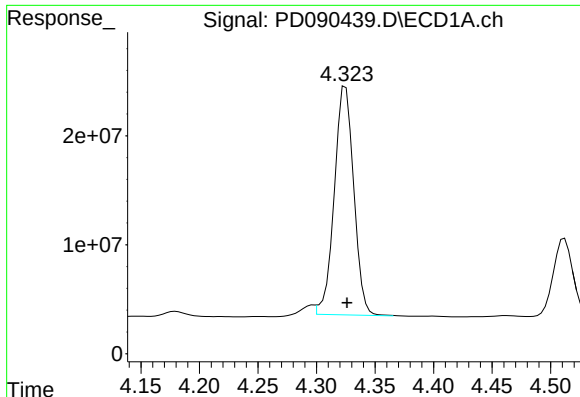
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 256408283
Conc: 36.71 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1551674357
Conc: 35.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 242178891
Conc: 36.60 ng/ml

Instrument :

ECD_D

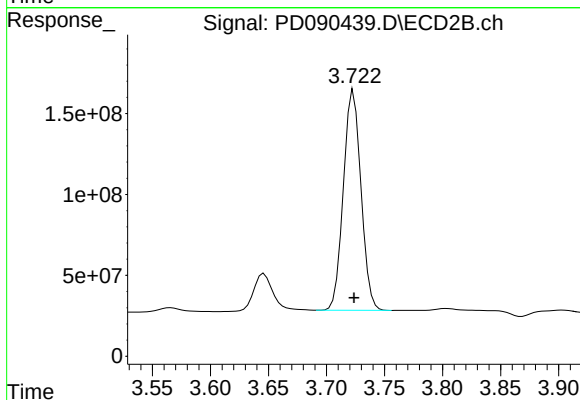
ClientSampleId :

WC-A3-01-CMSD

Manual Integrations

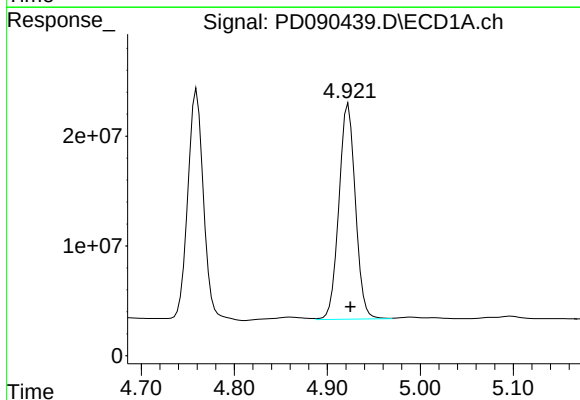
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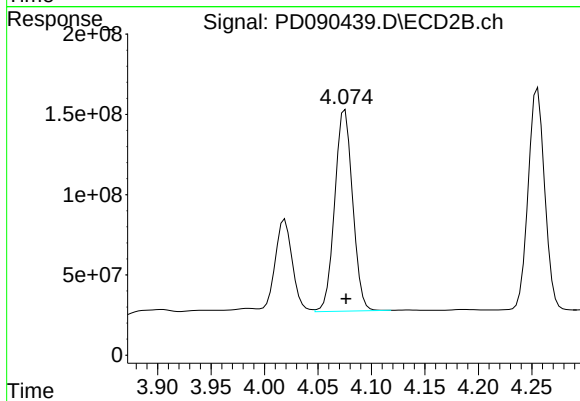
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1435974443
Conc: 35.25 ng/ml



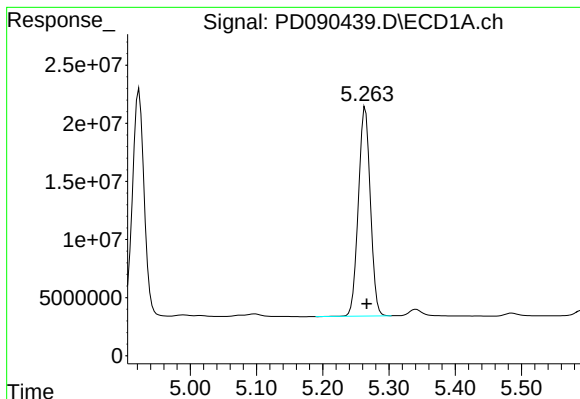
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 241664001
Conc: 36.55 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 1462179698
Conc: 35.91 ng/ml



#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 225680103
Conc: 35.54 ng/ml

Instrument :

ECD_D

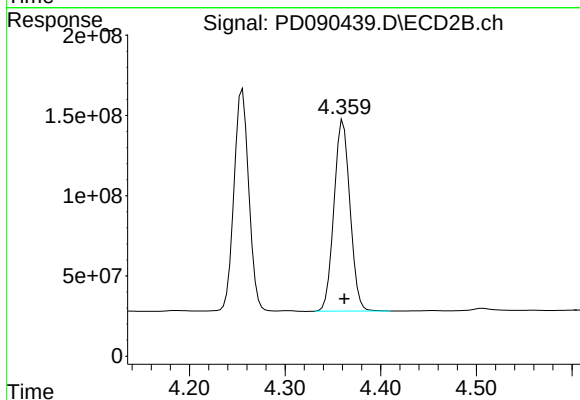
ClientSampleId :

WC-A3-01-CMSD

Manual Integrations

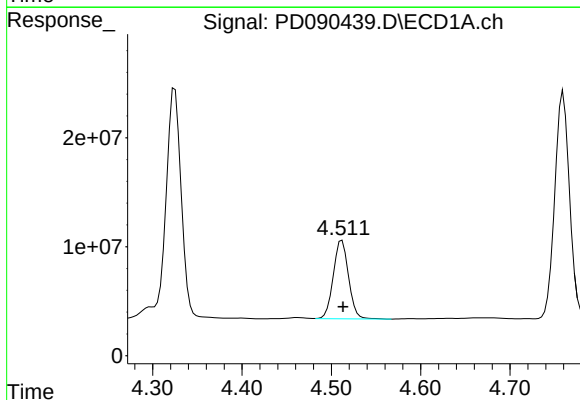
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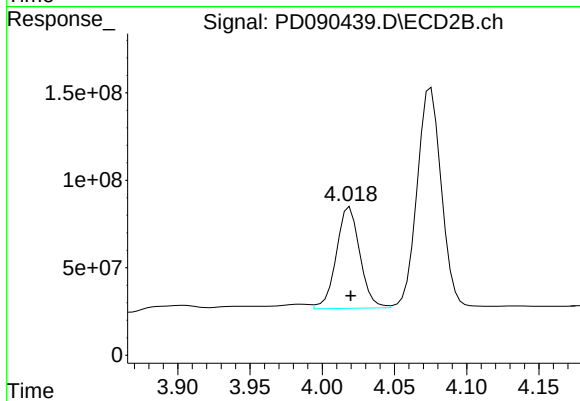
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 1383241101
Conc: 34.64 ng/ml



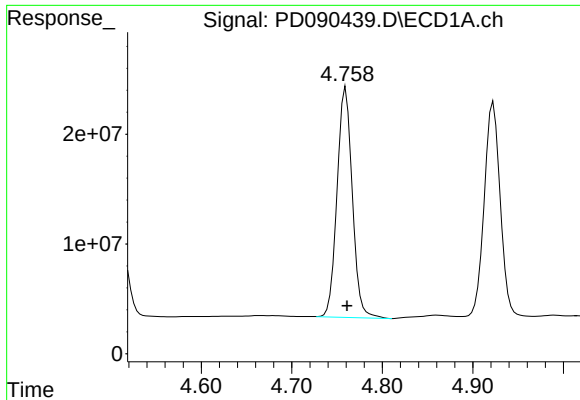
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 85415709
Conc: 33.11 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 658101367
Conc: 37.96 ng/ml



#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 244631396
Conc: 37.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

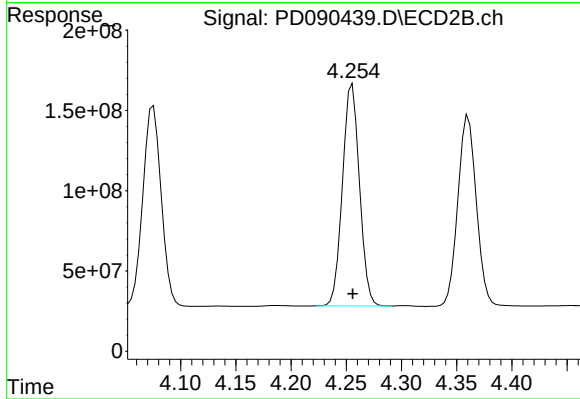
WC-A3-01-CMSD

Manual Integrations

APPROVED

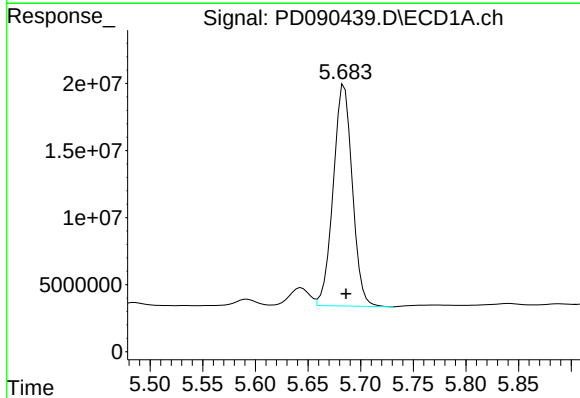
Reviewed By :Abdul Mirza 09/30/2025

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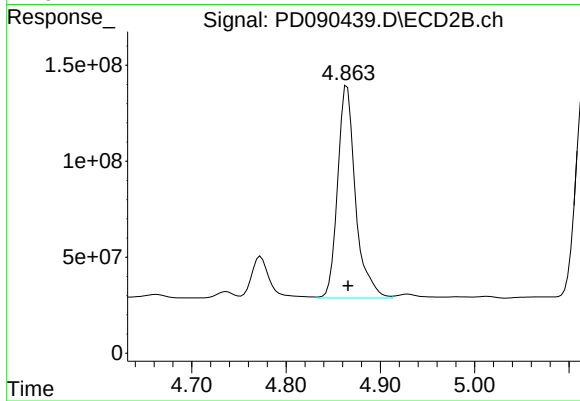
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1480910164
Conc: 35.86 ng/ml



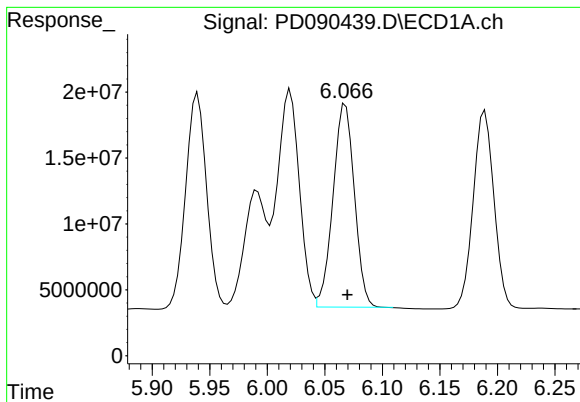
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 208424414
Conc: 36.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 1458579108
Conc: 39.57 ng/ml



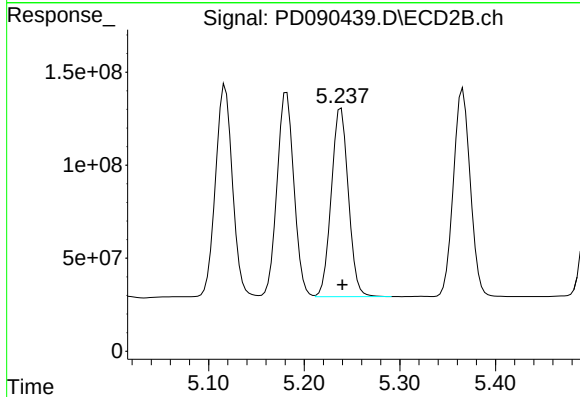
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 198530893
Conc: 36.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMSD

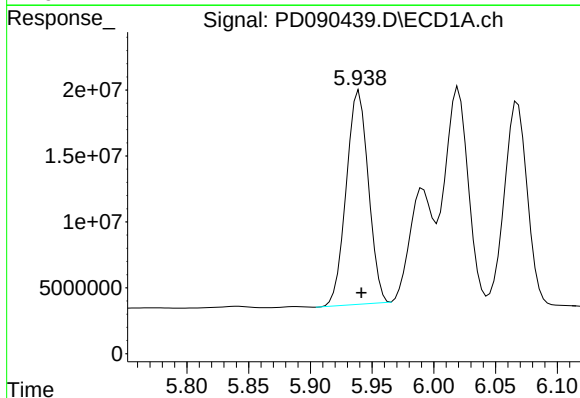
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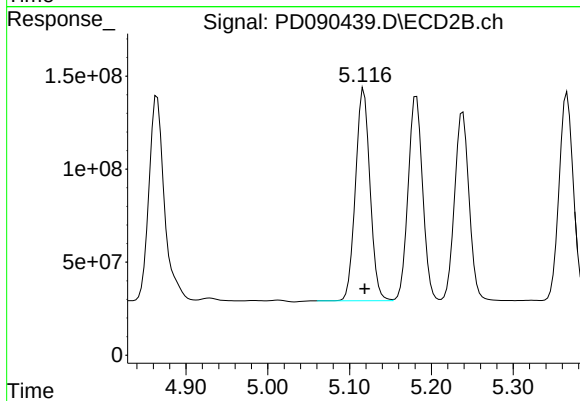
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 1252151468
Conc: 36.18 ng/ml



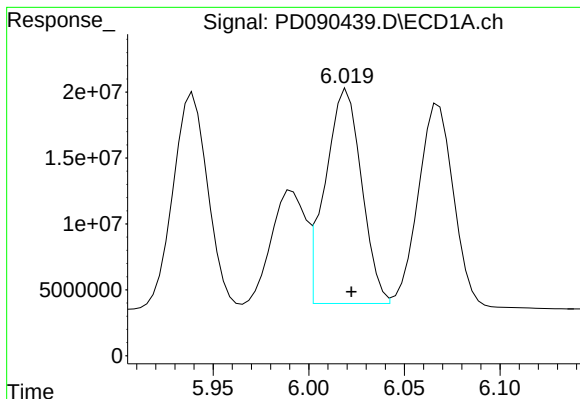
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 202074428
Conc: 35.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 1403962101
Conc: 35.74 ng/ml



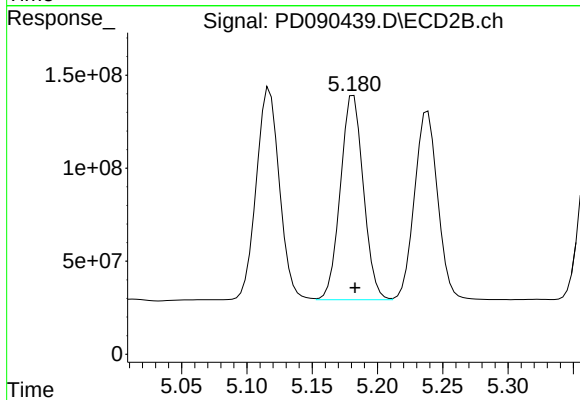
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 210911428
Conc: 36.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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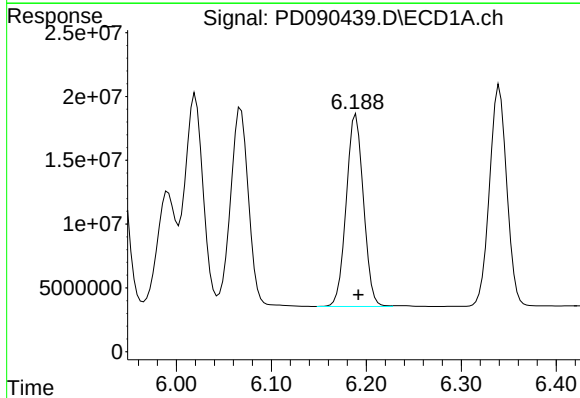
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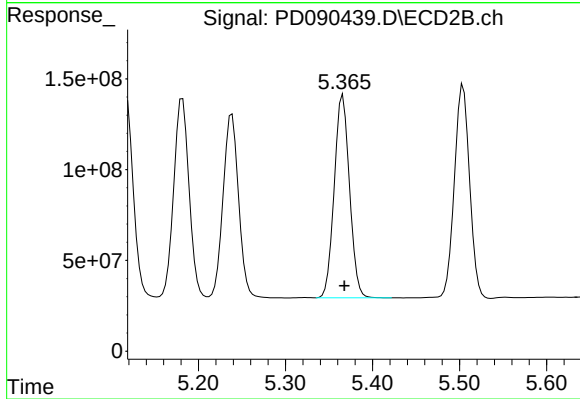
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1346816384
Conc: 35.76 ng/ml



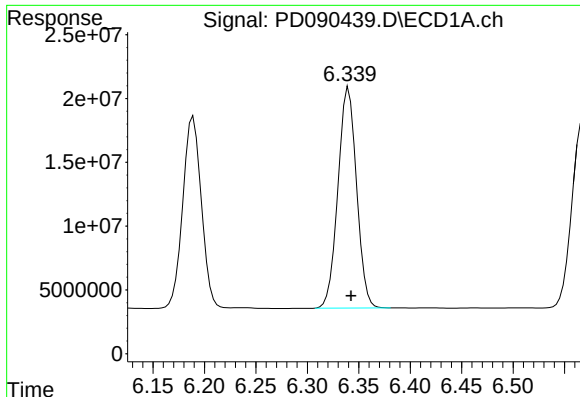
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 189581909
Conc: 36.41 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1364161418
Conc: 35.64 ng/ml



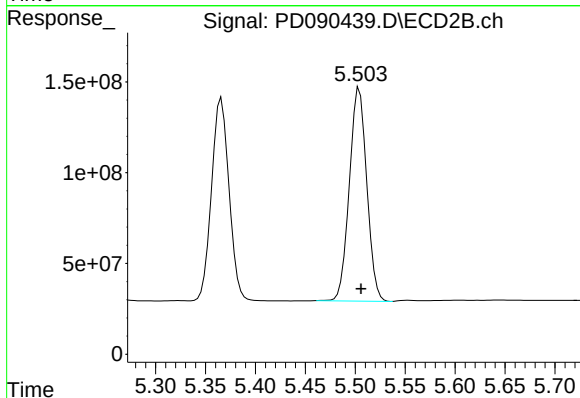
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 217691448
Conc: 37.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMSD

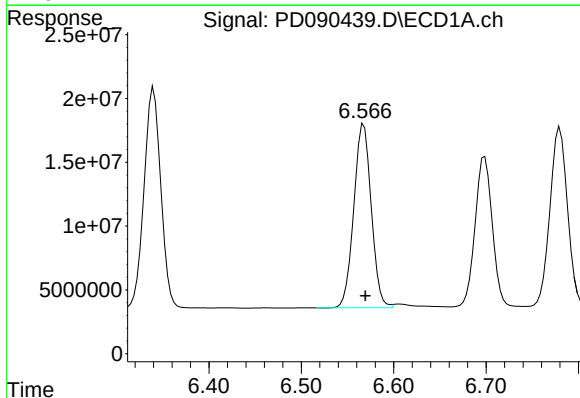
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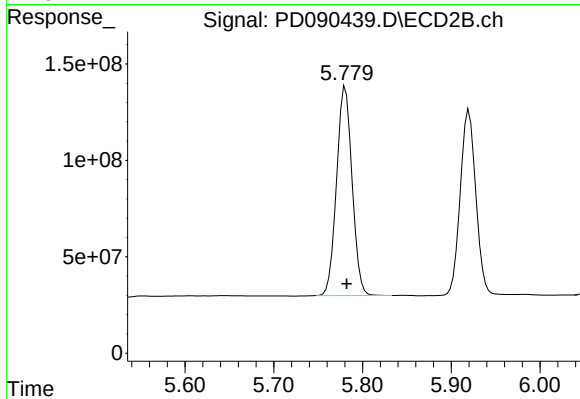
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 1425859018
Conc: 36.61 ng/ml



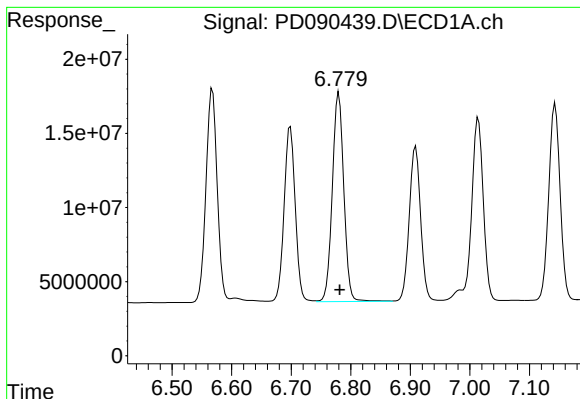
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 188676128
Conc: 38.55 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1316497021
Conc: 36.74 ng/ml



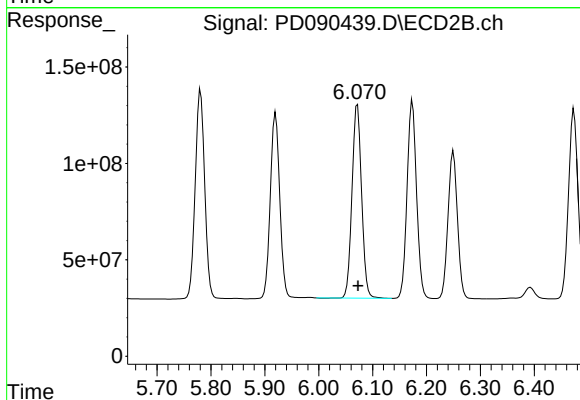
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 188947976
Conc: 38.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMSD

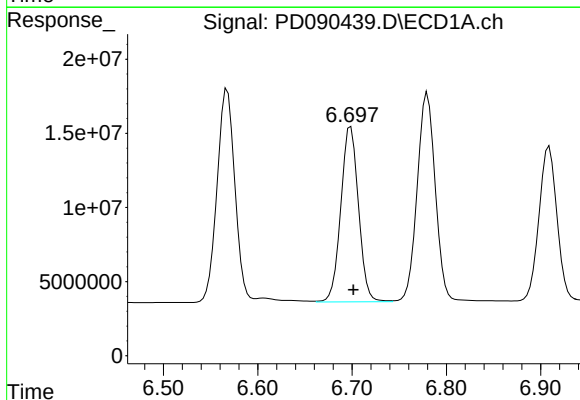
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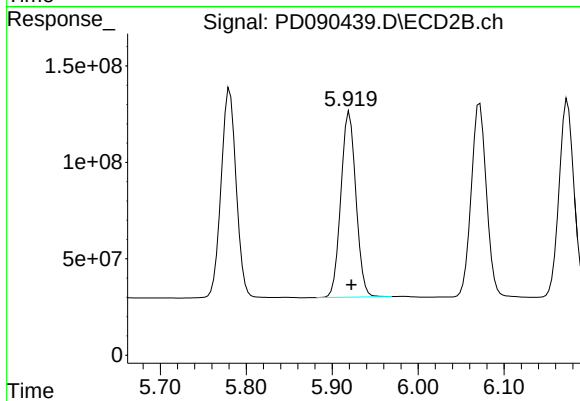
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 1244241473
Conc: 36.87 ng/ml



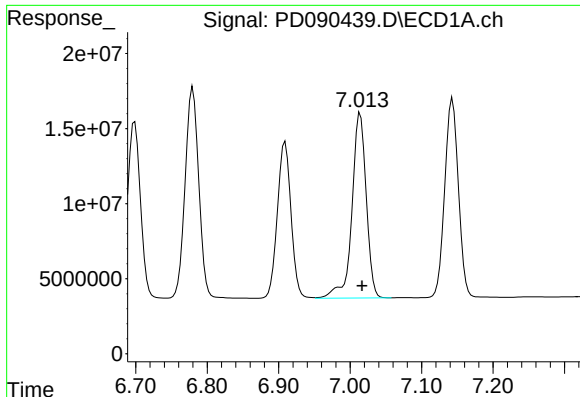
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 153880770
Conc: 37.55 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1168862251
Conc: 36.05 ng/ml



#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 171725220
Conc: 38.57 ng/ml

Instrument :

ECD_D

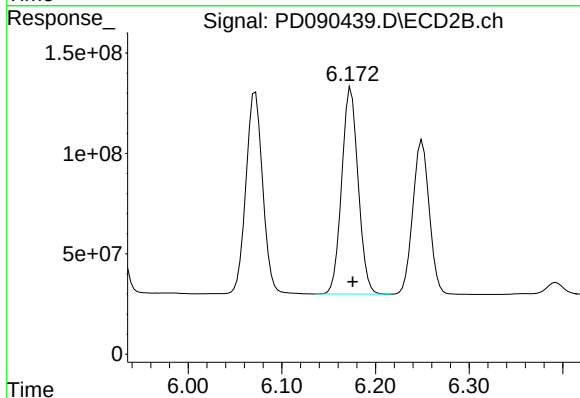
ClientSampleId :

WC-A3-01-CMSD

Manual Integrations

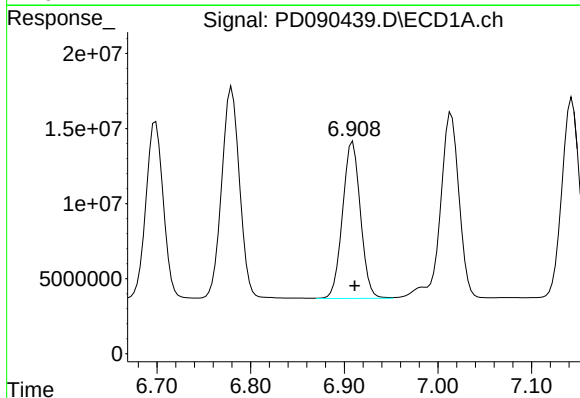
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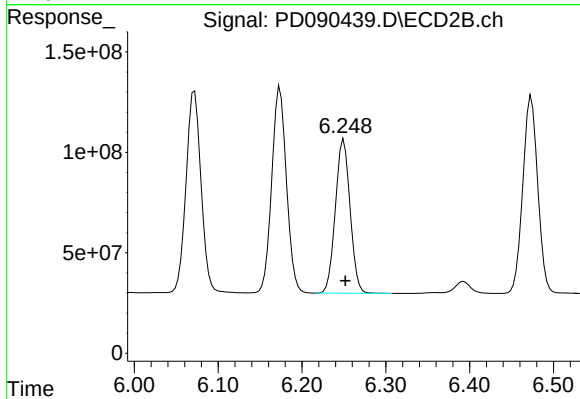
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1256007940
Conc: 36.53 ng/ml



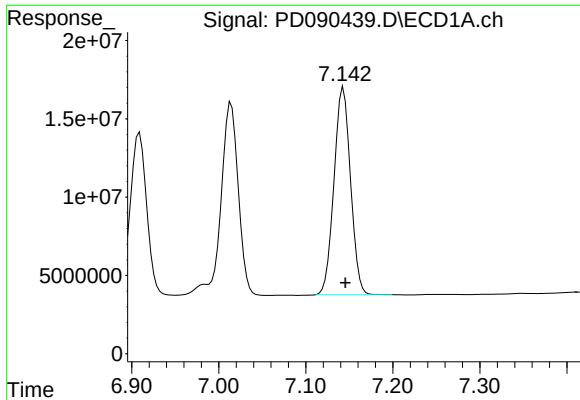
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 138732670
Conc: 40.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 932793386
Conc: 39.61 ng/ml



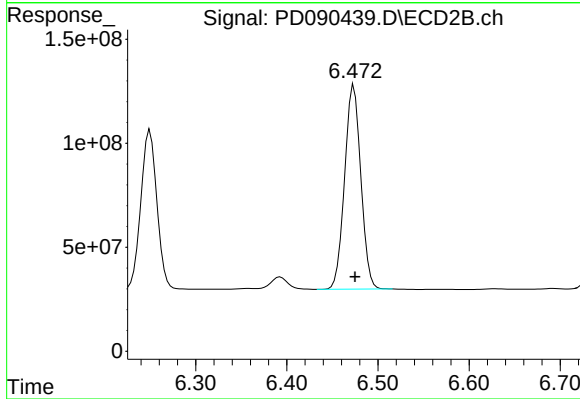
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 175091285
Conc: 38.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMSD

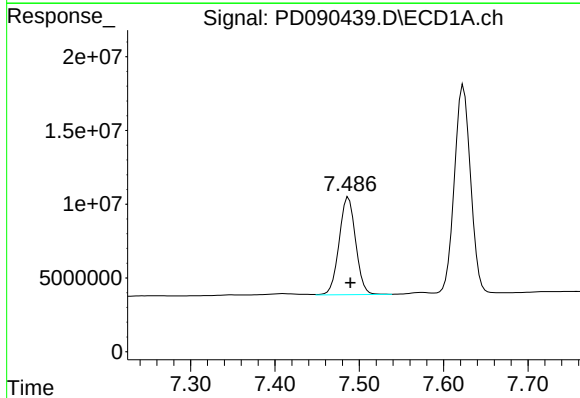
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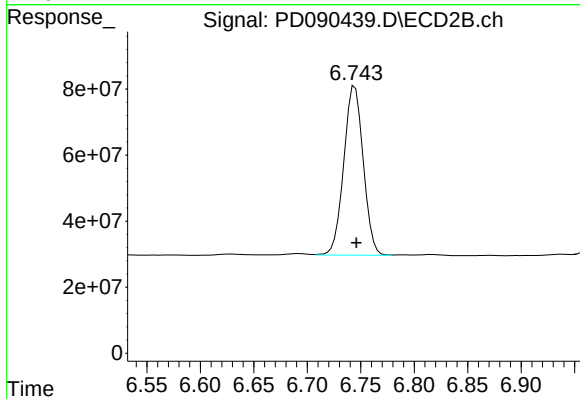
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 1212071729
Conc: 37.08 ng/ml



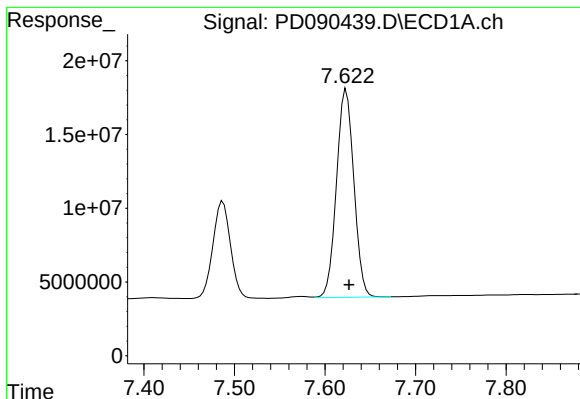
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 89799011
Conc: 38.11 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 650846437
Conc: 37.40 ng/ml



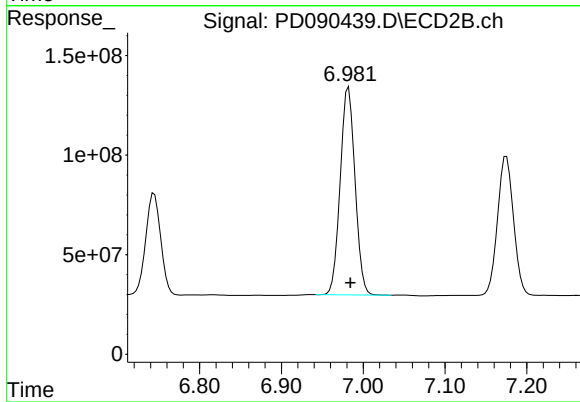
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 187902271
Conc: 37.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMSD

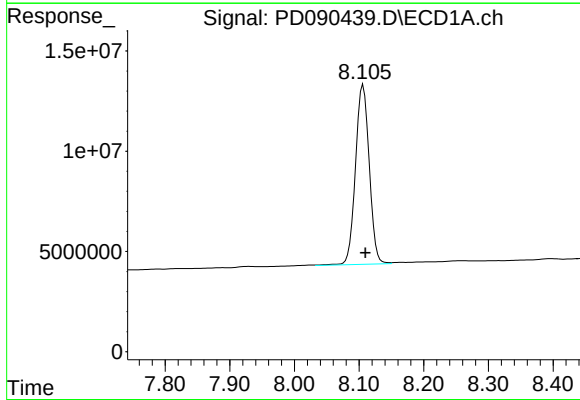
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



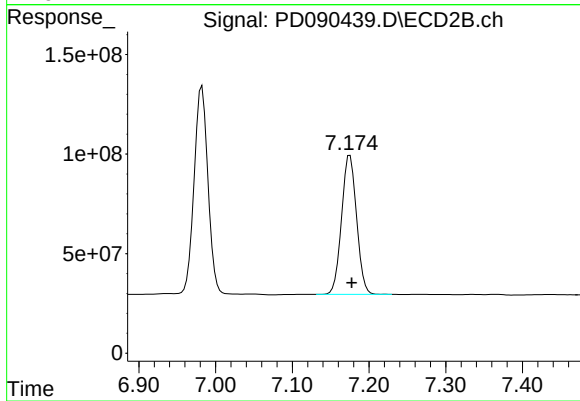
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 1305875735
Conc: 36.17 ng/ml



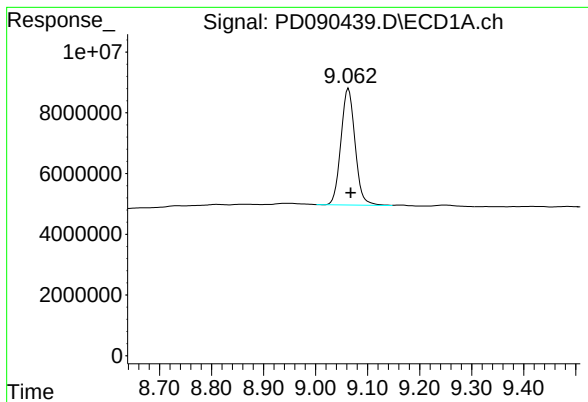
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 132820657
Conc: 35.85 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 950773825
Conc: 34.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.004 min
Response: 72499501
Conc: 15.03 ng/ml

Instrument :

ECD_D

ClientSampleId :

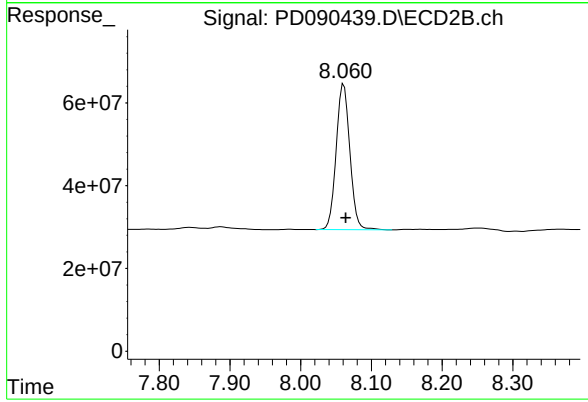
WC-A3-01-CMSD

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 473816520
Conc: 14.62 ng/ml