

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 21:30
 Operator : AR\AJ
 Sample : Q3181-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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 02:34:54 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	49530606	427.8E6	15.238	15.584m
28)	SA Decachlor...	9.063	8.061	73218872	472.0E6	15.175	14.562
Target Compounds							
2)	A alpha-BHC	3.994	3.387	262.8E6	1570.7E6	37.629	35.874
3)	MA gamma-BHC...	4.324	3.723	246.3E6	1453.9E6	37.217m	35.690
4)	MA Heptachlor	4.923	4.076	246.9E6	1484.2E6	37.331	36.451
5)	MB Aldrin	5.264	4.361	230.9E6	1404.0E6	36.365	35.157
6)	B beta-BHC	4.512	4.018	87274371	616.4E6	33.828	35.560m
7)	B delta-BHC	4.758	4.255	247.9E6	1503.0E6	38.390m	36.396
8)	B Heptachlo...	5.684	4.865	214.7E6	1379.8E6	37.574	37.428
9)	A Endosulfan I	6.066	5.239	202.5E6	1273.8E6	37.498m	36.810
10)	B gamma-Chl...	5.939	5.117	210.5E6	1429.8E6	36.849	36.394
11)	B alpha-Chl...	6.019	5.182	224.1E6	1374.0E6	38.903m	36.480
12)	B 4,4'-DDE	6.189	5.366	194.2E6	1387.3E6	37.297	36.242
13)	MA Dieldrin	6.340	5.504	222.6E6	1452.0E6	38.617	37.282
14)	MA Endrin	6.567	5.780	193.0E6	1340.9E6	39.439	37.422
15)	B Endosulfa...	6.780	6.072	192.8E6	1272.6E6	39.520	37.707
16)	A 4,4'-DDD	6.699	5.920	157.3E6	1192.1E6	38.385	36.761
17)	MA 4,4'-DDT	7.014	6.174	175.2E6	1278.7E6	39.348	37.195
18)	B Endrin al...	6.909	6.250	141.1E6	948.1E6	41.118	40.267
19)	B Endosulfa...	7.143	6.473	179.3E6	1235.1E6	38.974	37.783
20)	A Methoxychlor	7.487	6.745	91389370	655.7E6	38.782	37.684
21)	B Endrin ke...	7.624	6.983	191.3E6	1328.8E6	38.660	36.806
22)	Mirex	8.104	7.175	132.7E6	964.2E6	35.823m	34.927

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:30
Operator : AR\AJ
Sample : Q3181-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

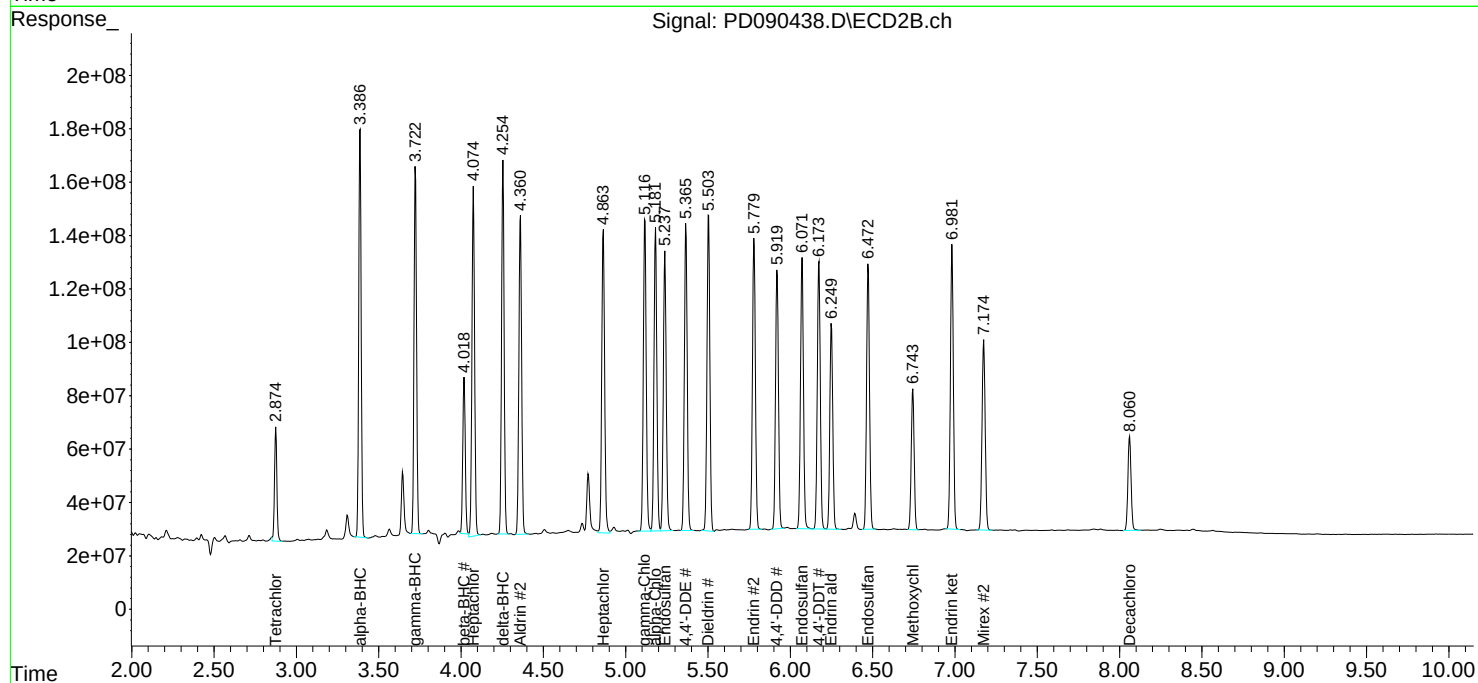
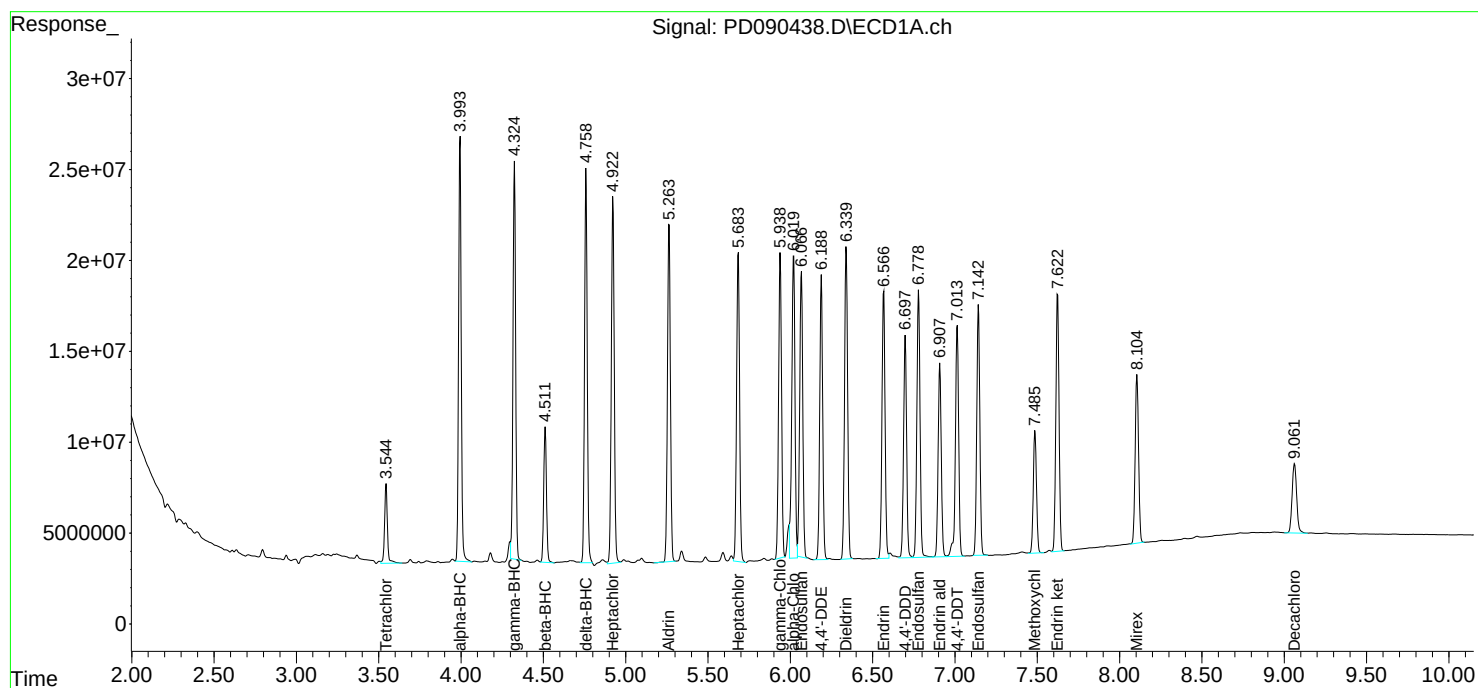
Instrument :
ECD_D
ClientSampleId :
WC-A3-01-CMS

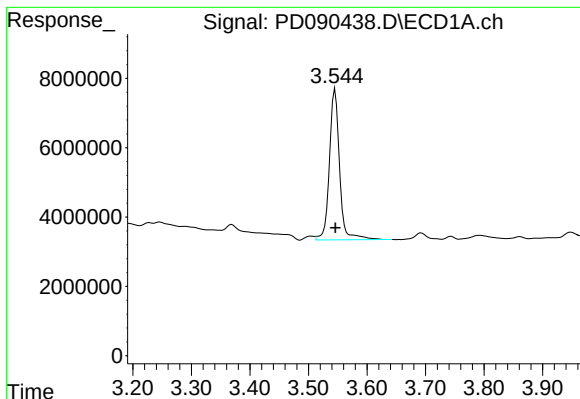
Manual Integrations
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Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:54 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





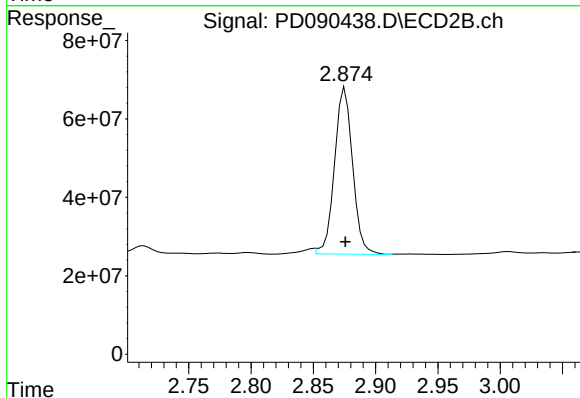
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 49530606
Conc: 15.24 ng/ml

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

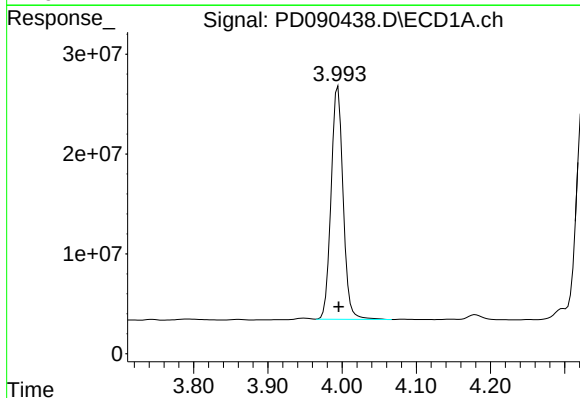
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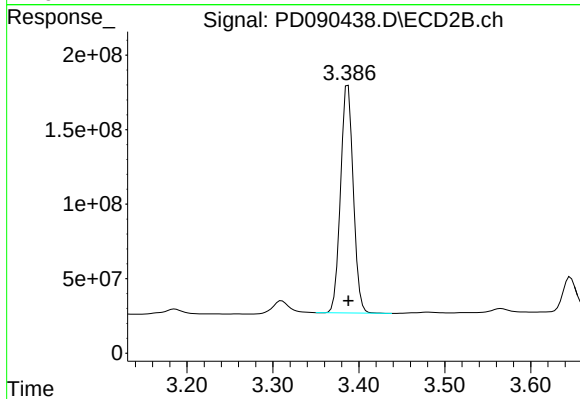
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 427791053
Conc: 15.58 ng/ml m



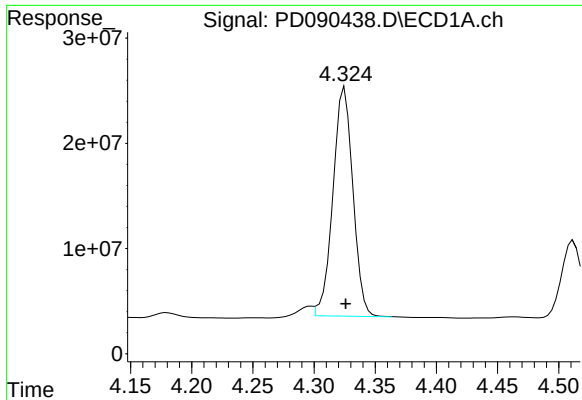
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 262820685
Conc: 37.63 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1570659763
Conc: 35.87 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 246260914
Conc: 37.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

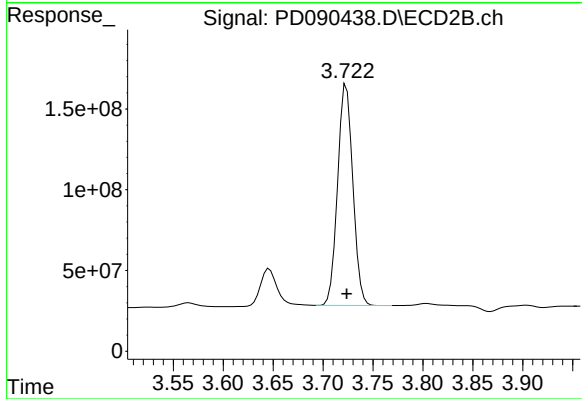
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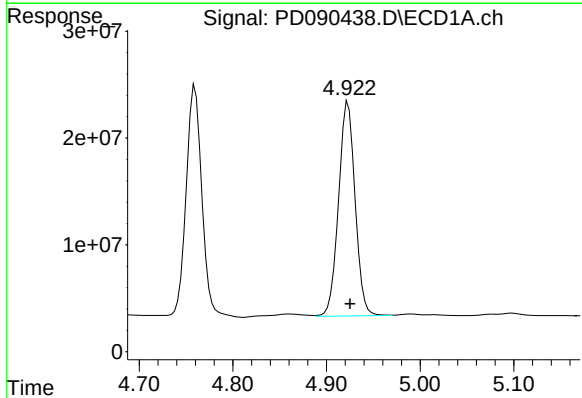
Reviewed By :Abdul Mirza 09/30/2025

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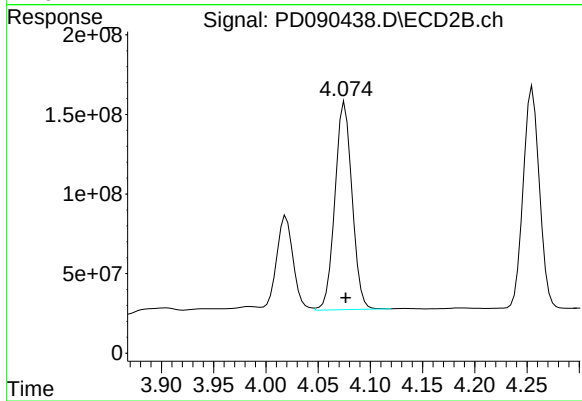
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1453856091
Conc: 35.69 ng/ml



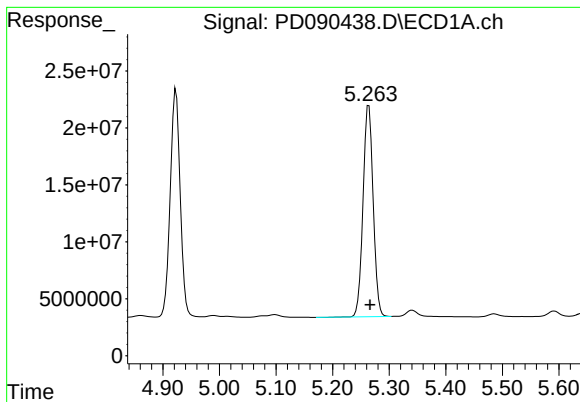
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 246855413
Conc: 37.33 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 1484166610
Conc: 36.45 ng/ml



#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 230917048
Conc: 36.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

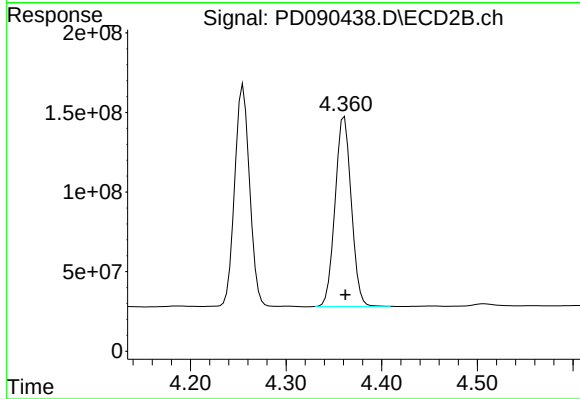
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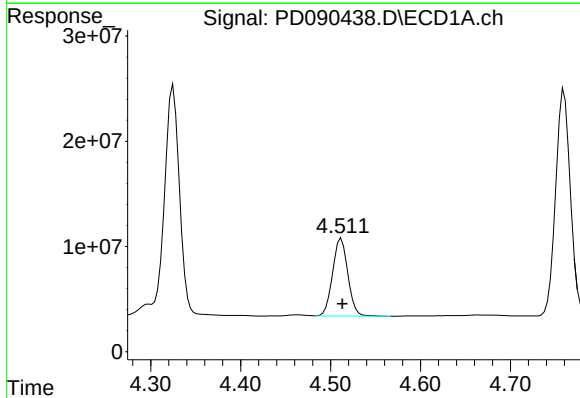
Reviewed By :Abdul Mirza 09/30/2025

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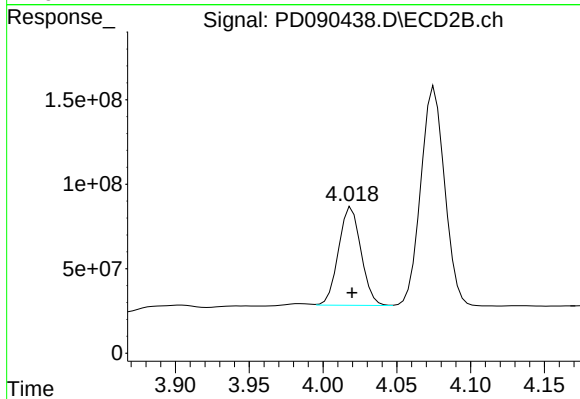
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 1403980797
Conc: 35.16 ng/ml



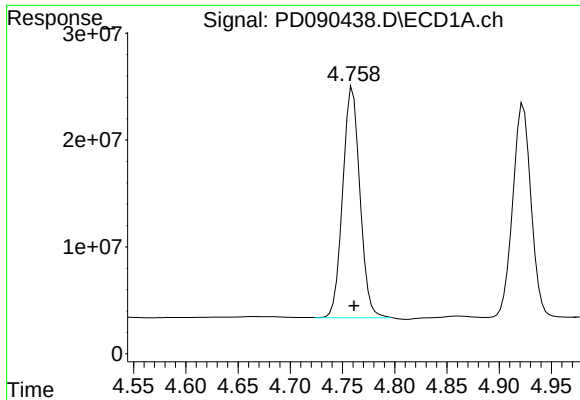
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 87274371
Conc: 33.83 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 616442186
Conc: 35.56 ng/ml m



#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 247905627
Conc: 38.39 ng/ml

Instrument :

ECD_D

ClientSampleId :

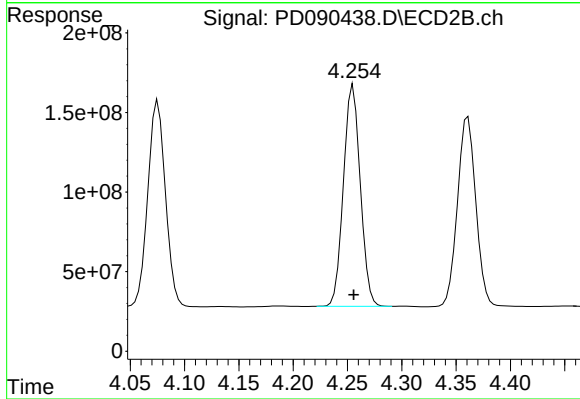
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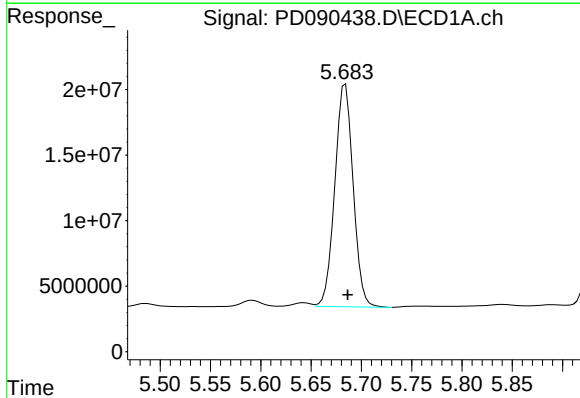
Reviewed By :Abdul Mirza 09/30/2025

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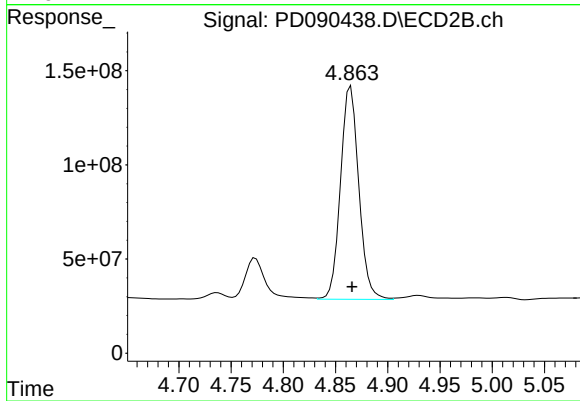
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1502971396
Conc: 36.40 ng/ml



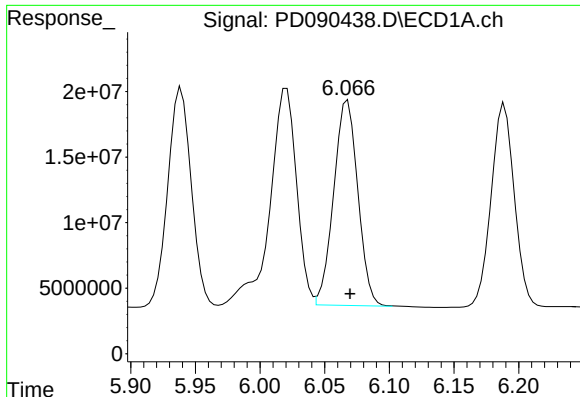
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 214735082
Conc: 37.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 1379791169
Conc: 37.43 ng/ml



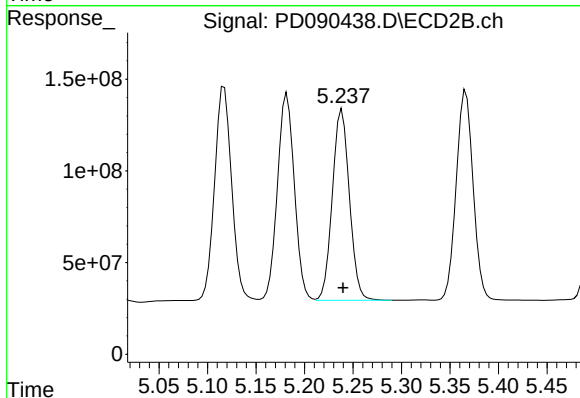
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 202546463
Conc: 37.50 ng/ml

Instrument :
ECD_D
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WC-A3-01-CMS

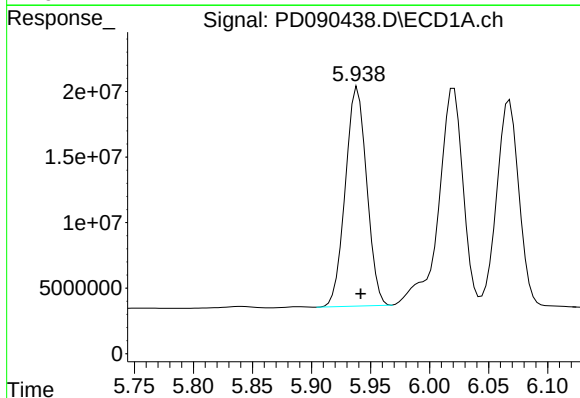
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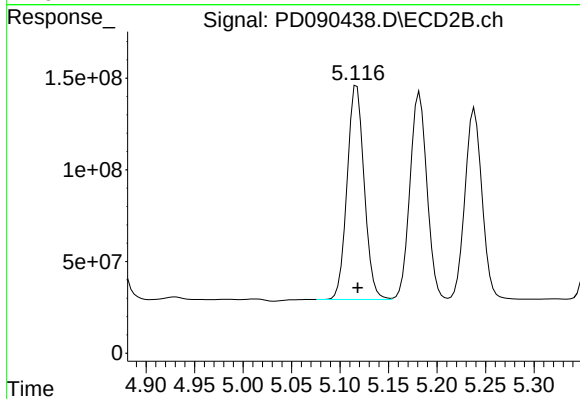
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 1273833738
Conc: 36.81 ng/ml



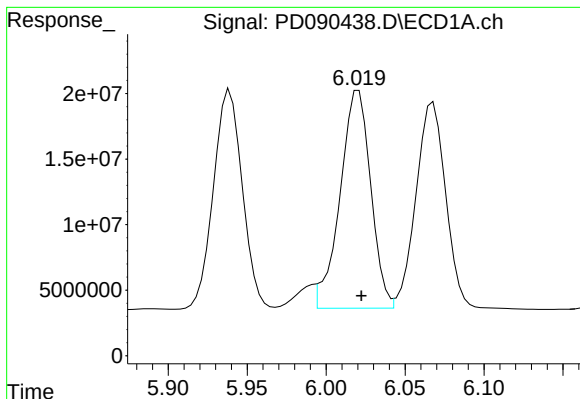
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 210481168
Conc: 36.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 1429790330
Conc: 36.39 ng/ml



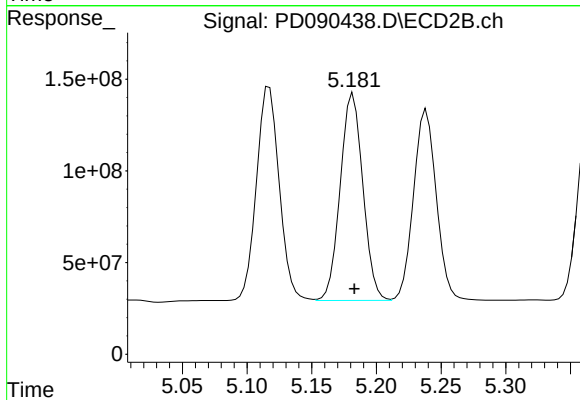
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 224112443
Conc: 38.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
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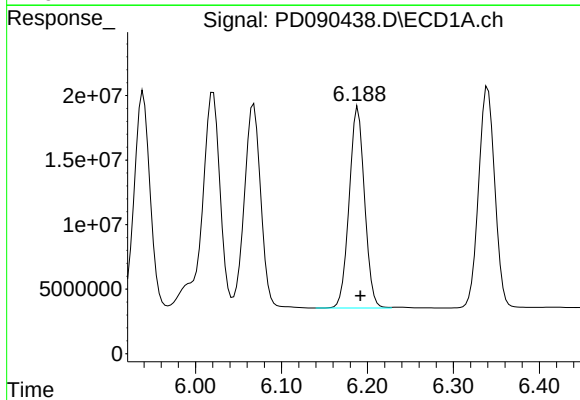
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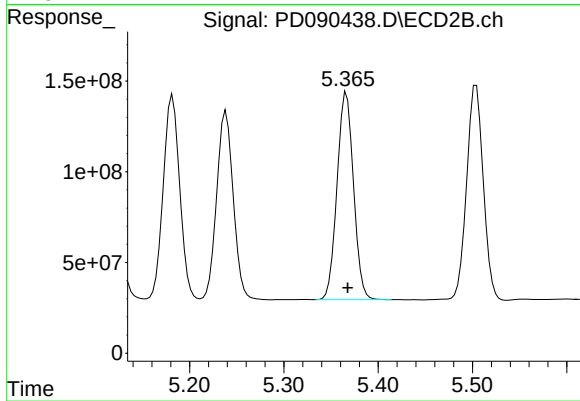
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1374026917
Conc: 36.48 ng/ml



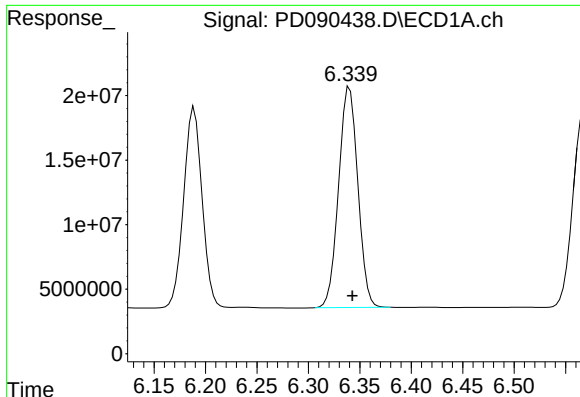
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 194226871
Conc: 37.30 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 1387312991
Conc: 36.24 ng/ml



#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.003 min
Response: 222612207
Conc: 38.62 ng/ml

Instrument :

ECD_D

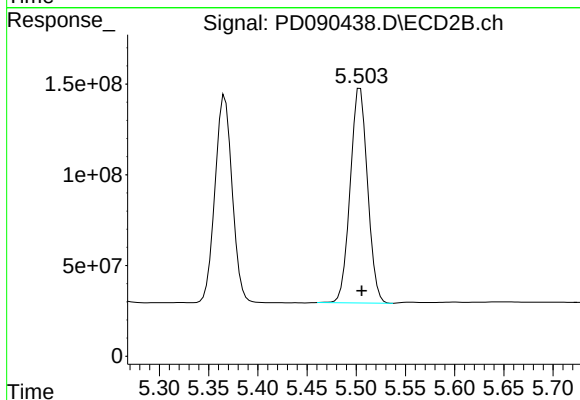
ClientSampleId :

WC-A3-01-CMS

Manual Integrations

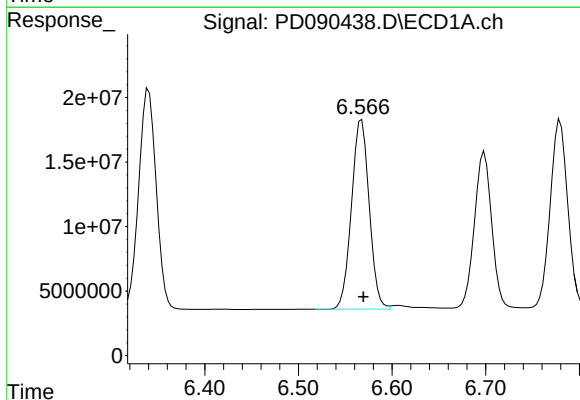
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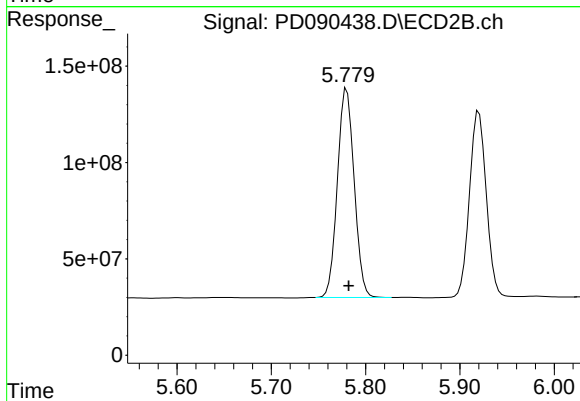
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 1451972690
Conc: 37.28 ng/ml



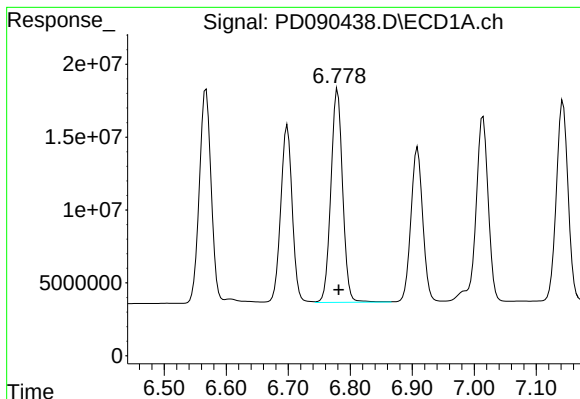
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 193013307
Conc: 39.44 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1340912462
Conc: 37.42 ng/ml



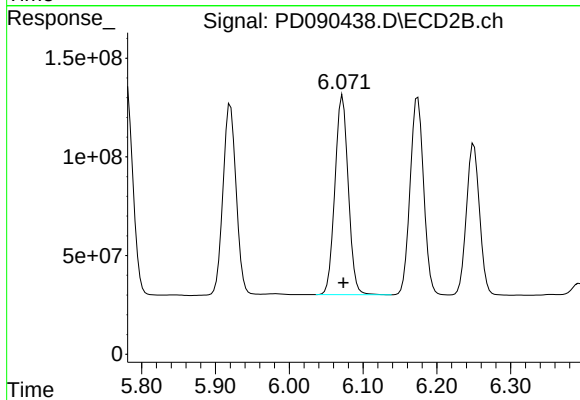
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 192772441
Conc: 39.52 ng/ml

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

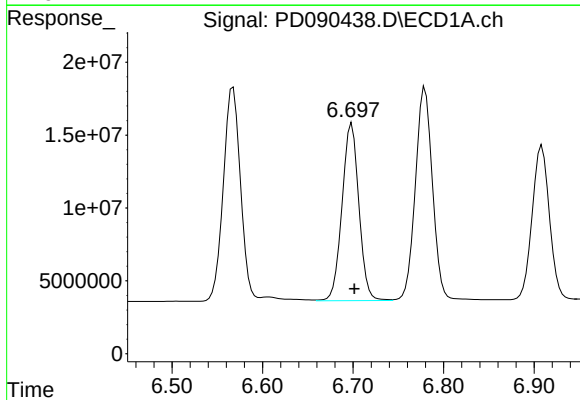
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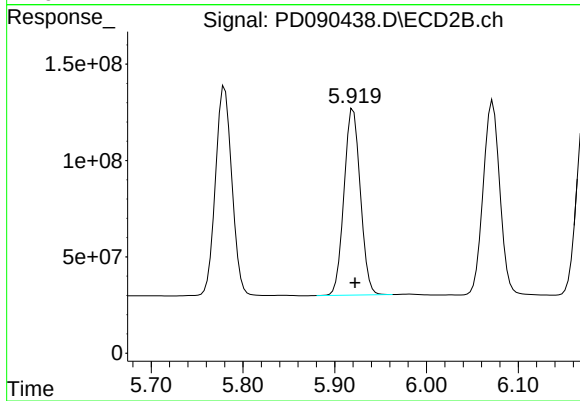
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1272624080
Conc: 37.71 ng/ml



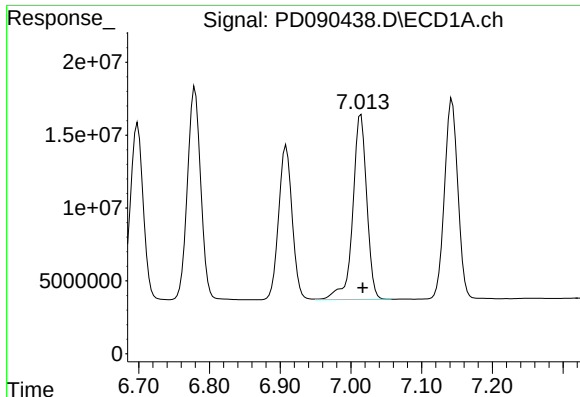
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 157295695
Conc: 38.39 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1192083334
Conc: 36.76 ng/ml



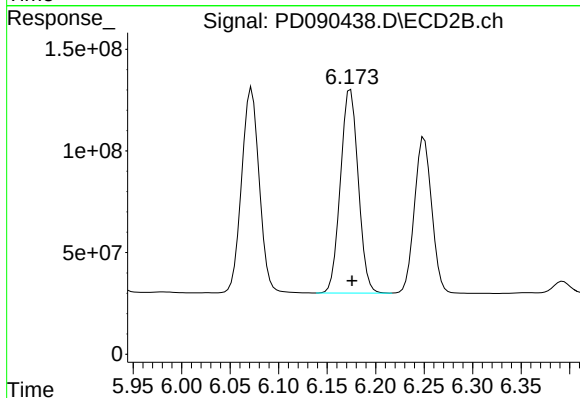
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 175193408
Conc: 39.35 ng/ml

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

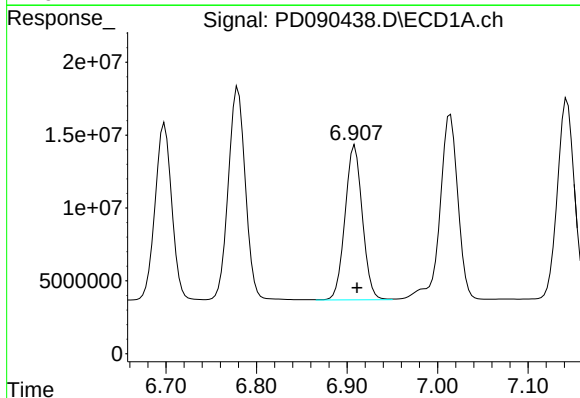
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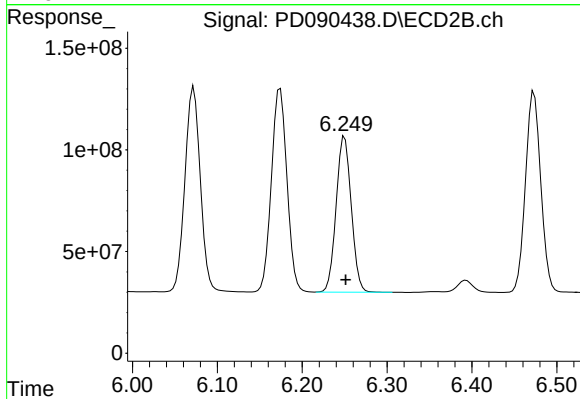
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1278744194
Conc: 37.20 ng/ml



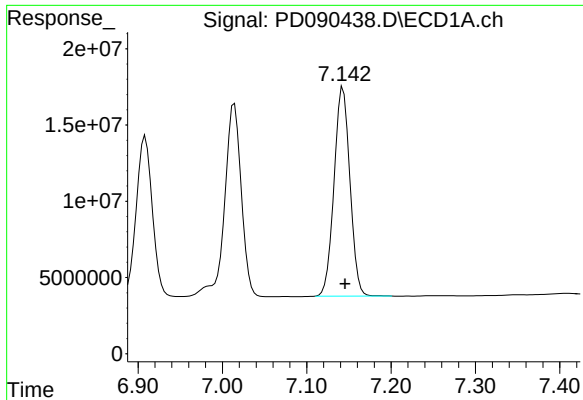
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 141057525
Conc: 41.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 948148715
Conc: 40.27 ng/ml



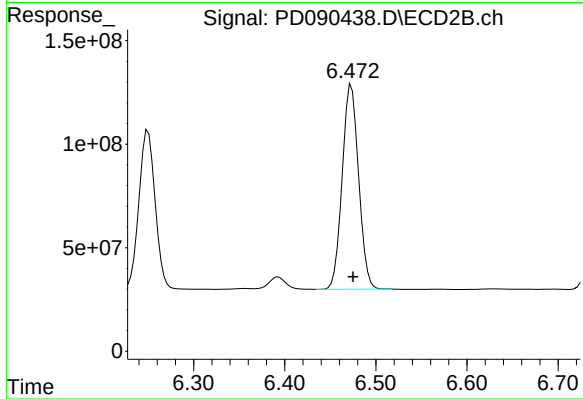
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 179292859
Conc: 38.97 ng/ml

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

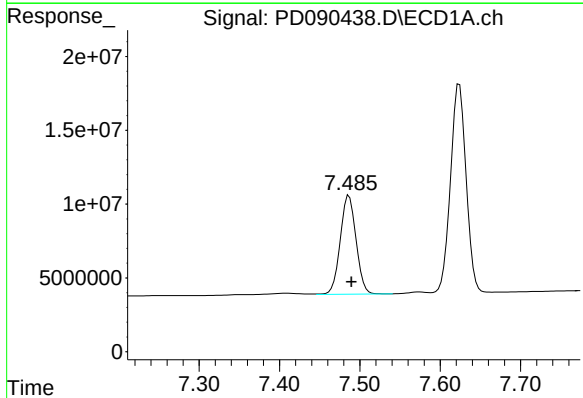
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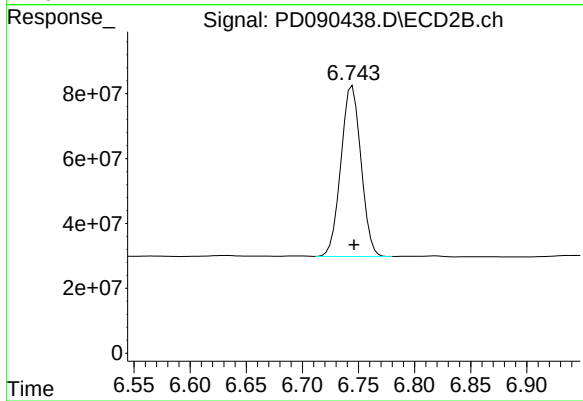
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 1235139662
Conc: 37.78 ng/ml



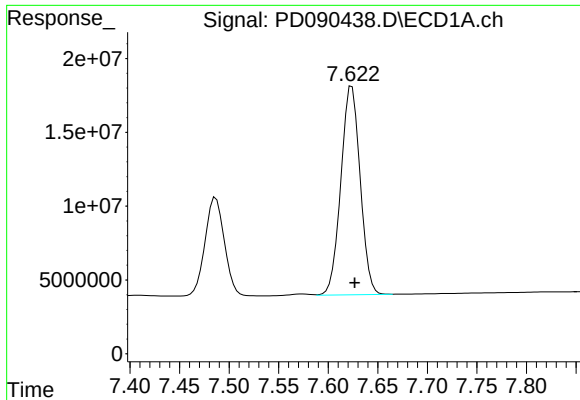
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 91389370
Conc: 38.78 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 655713233
Conc: 37.68 ng/ml



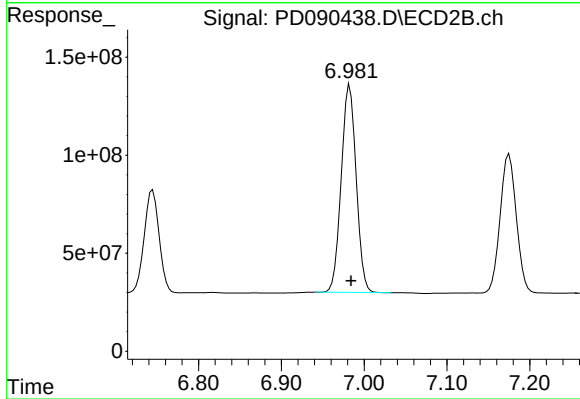
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 191264839
Conc: 38.66 ng/ml

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

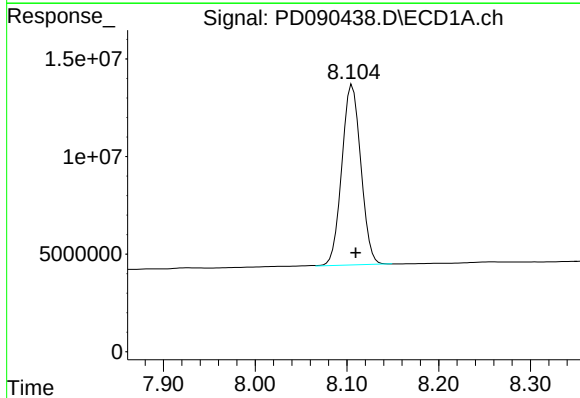
Manual Integrations
APPROVED

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



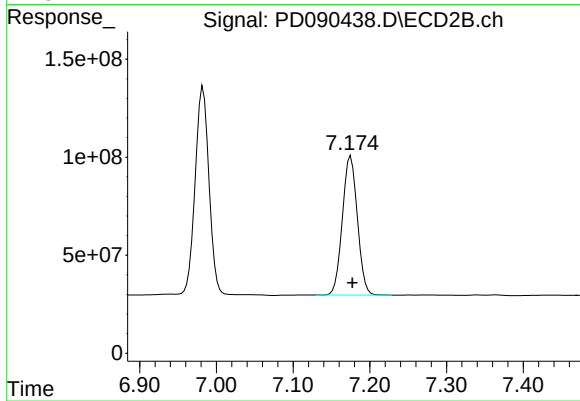
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 1328809344
Conc: 36.81 ng/ml



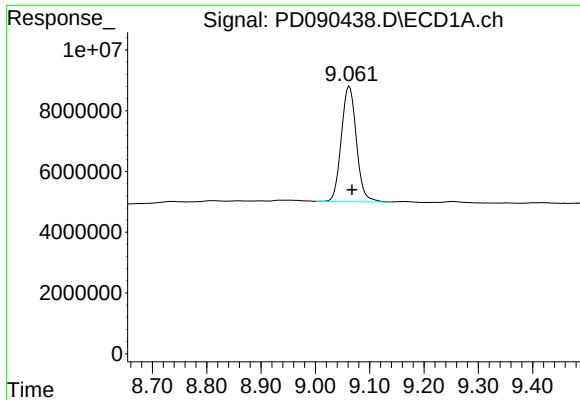
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.005 min
Response: 132717309
Conc: 35.82 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 964187362
Conc: 34.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 73218872
Conc: 15.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

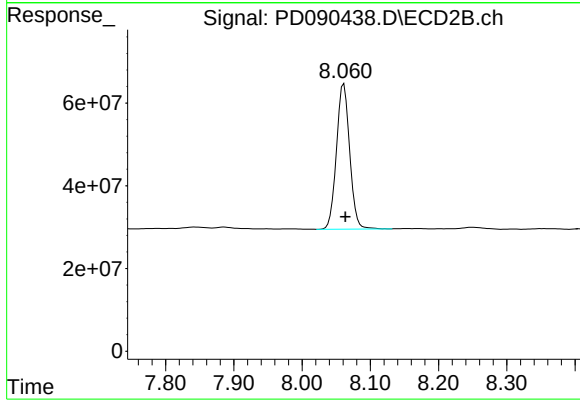
WC-A3-01-CMS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 472035138
Conc: 14.56 ng/ml