

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 18:01
 Operator : AR\AJ
 Sample : Q3374-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-5-WCMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 23:53:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.874	59026017	587.2E6	18.954m	19.720
28)	SA Decachlor...	9.066	8.061	87153247	514.2E6	18.631	16.975
Target Compounds							
2)	A alpha-BHC	3.994	3.386	363.9E6	2422.4E6	50.704	47.408
3)	MA gamma-BHC...	4.325	3.722	339.1E6	2236.6E6	49.872	47.336
4)	MA Heptachlor	4.923	4.074	281.8E6	2103.4E6	50.413	47.157
5)	MB Aldrin	5.265	4.360	324.6E6	2208.8E6	49.570	47.686
6)	B beta-BHC	4.512	4.018	128.0E6	946.7E6	48.866	47.743
7)	B delta-BHC	4.761	4.254	338.9E6	2252.7E6	50.113	47.211
8)	B Heptachlo...	5.685	4.863	283.7E6	1976.6E6	49.004	46.357m
9)	A Endosulfan I	6.068	5.238	269.6E6	1862.8E6	48.695	47.290
10)	B gamma-Chl...	5.940	5.116	280.6E6	2125.7E6	47.306	47.291
11)	B alpha-Chl...	6.021	5.181	288.5E6	2050.5E6	46.679	47.534
12)	B 4,4'-DDE	6.190	5.366	261.4E6	2065.8E6	49.076	47.124
13)	MA Dieldrin	6.341	5.504	286.2E6	2089.2E6	49.086	47.284
14)	MA Endrin	6.568	5.779	244.5E6	1931.4E6	49.361	47.697m
15)	B Endosulfa...	6.783	6.072	191.2E6	1761.0E6	38.243	46.890
16)	A 4,4'-DDD	6.700	5.921	207.3E6	1588.8E6	51.124	43.604
17)	MA 4,4'-DDT	7.016	6.174	206.4E6	1696.9E6	50.210	48.381
18)	B Endrin al...	6.909	6.250	173.8E6	1291.9E6	47.458m	46.651
19)	B Endosulfa...	7.145	6.473	216.1E6	1649.5E6	46.602	46.017
20)	A Methoxychlor	7.489	6.745	102.4E6	815.4E6	48.164	46.786
21)	B Endrin ke...	7.626	6.983	231.8E6	1743.5E6	47.712	46.224
22)	Mirex	8.108	7.175	143.0E6	1133.1E6	44.683	44.104

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
Data File : PD090708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2025 18:01
Operator : AR\AJ
Sample : Q3374-05MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-5-WCMSD

Manual Integrations

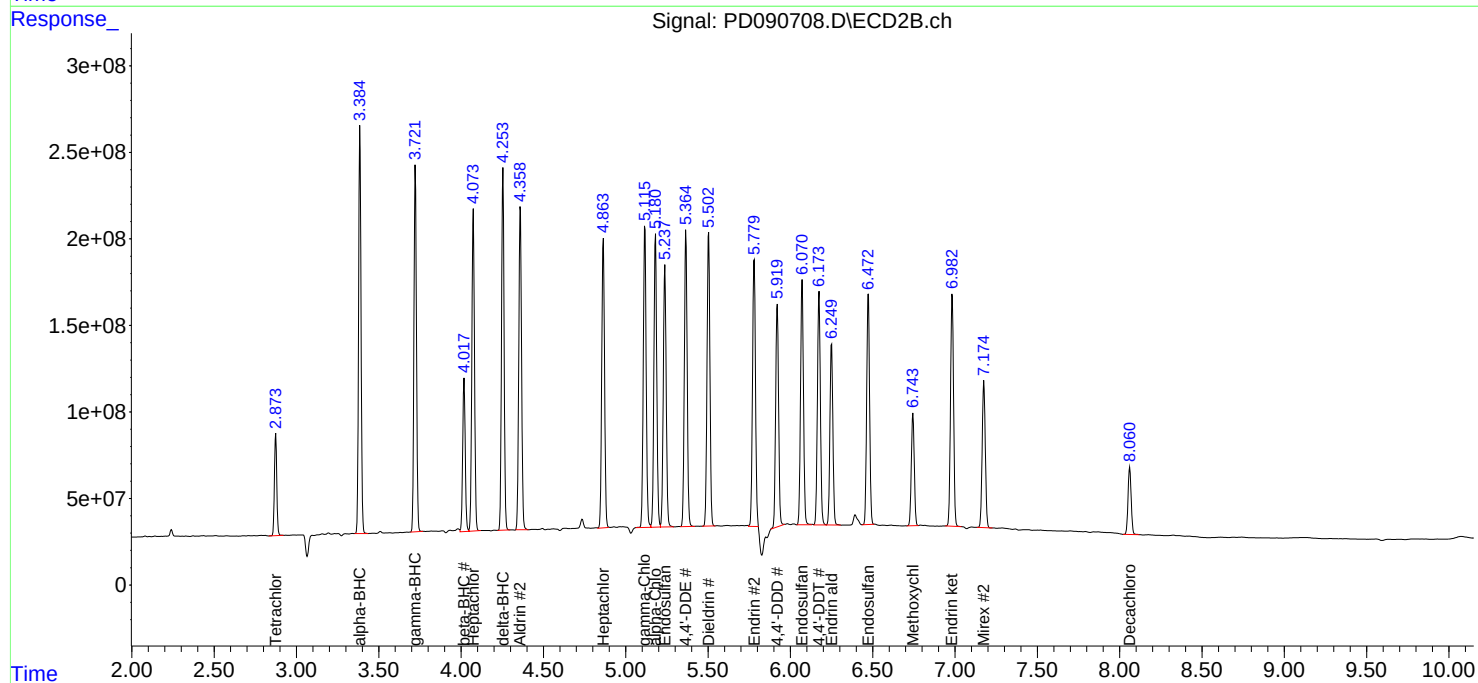
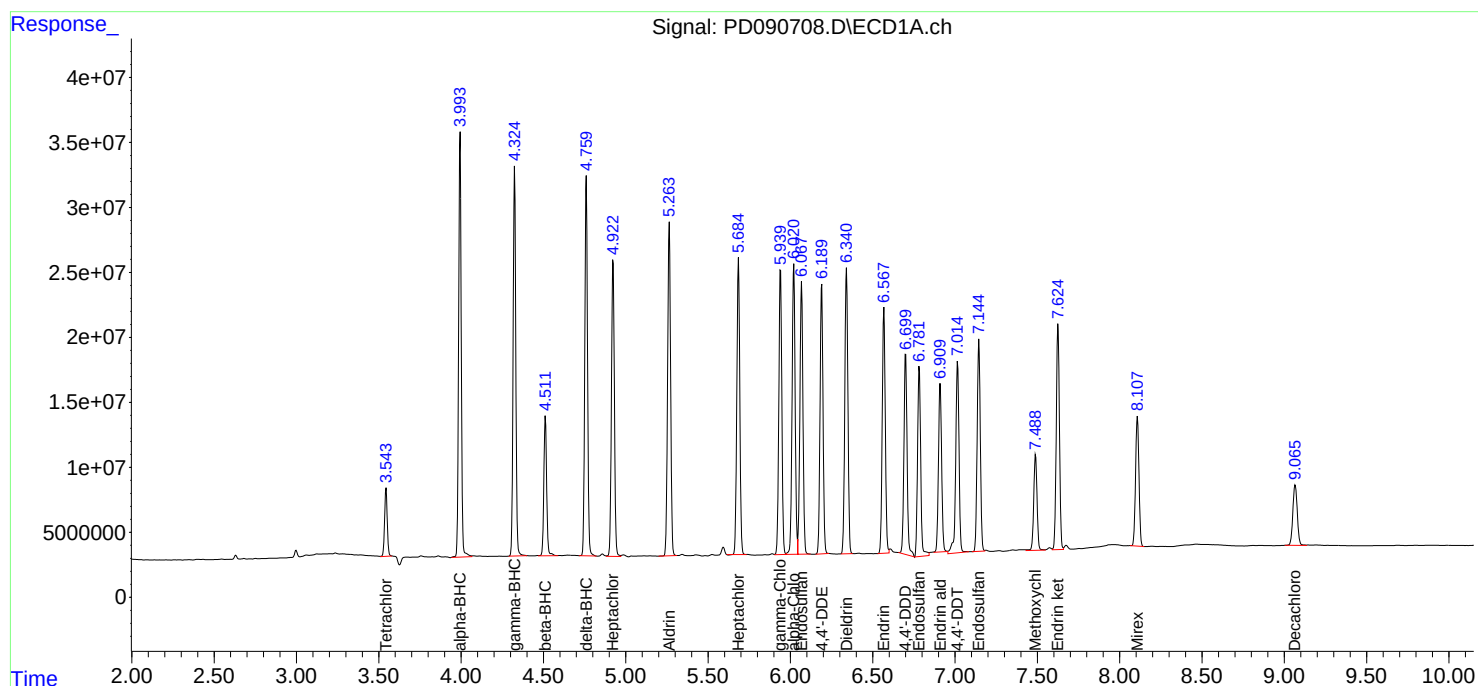
APPROVED

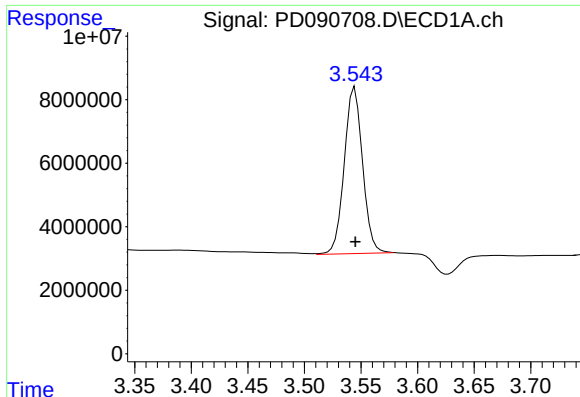
Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 23:53:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
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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





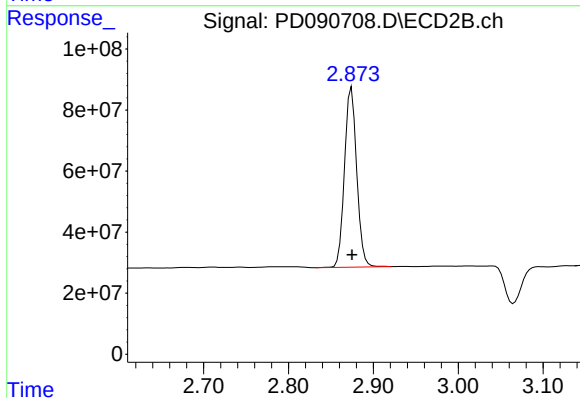
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 59026017
Conc: 18.95 ng/ml

Instrument :
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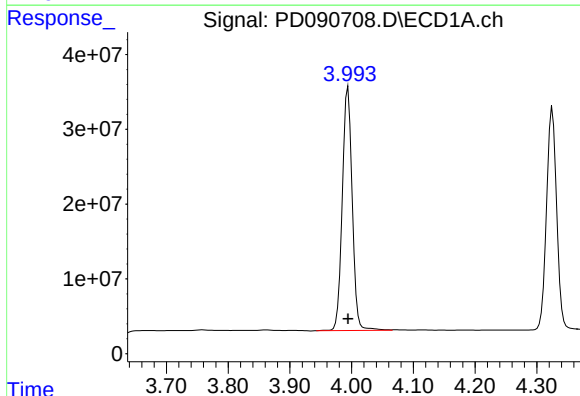
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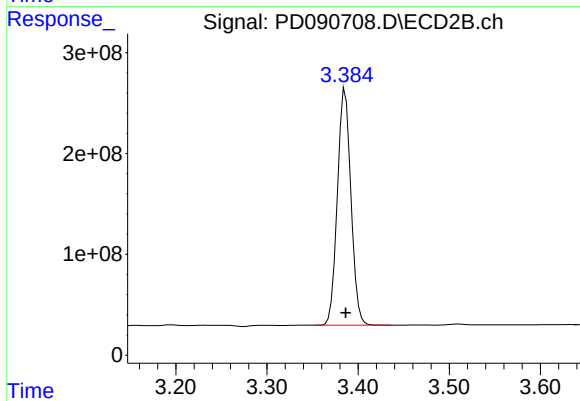
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 587202447
Conc: 19.72 ng/ml



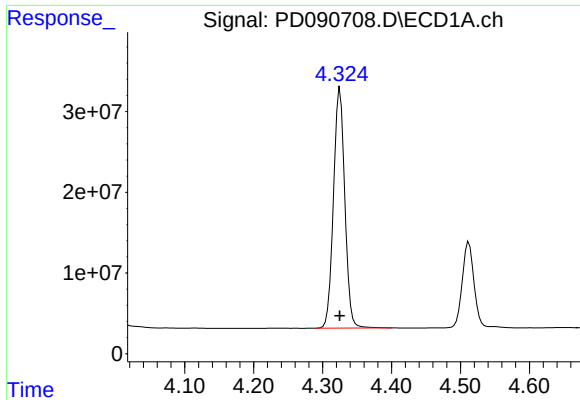
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 363909690
Conc: 50.70 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2422359958
Conc: 47.41 ng/ml



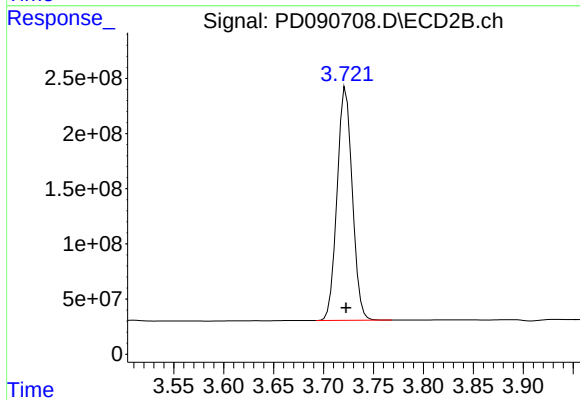
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 339067609
Conc: 49.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMSD

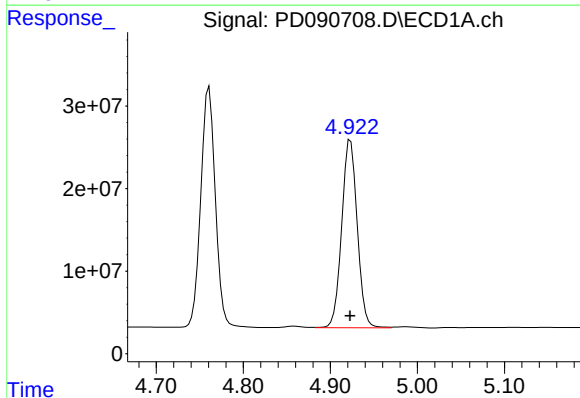
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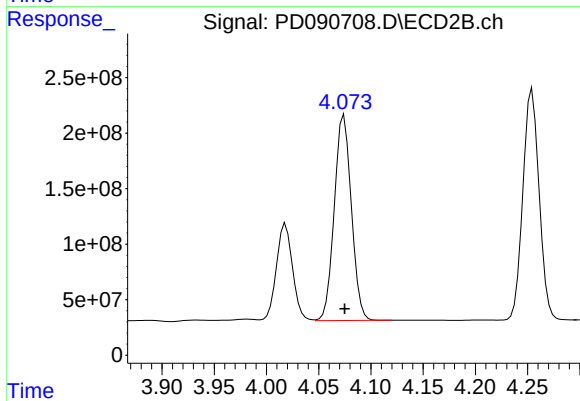
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2236575689
Conc: 47.34 ng/ml



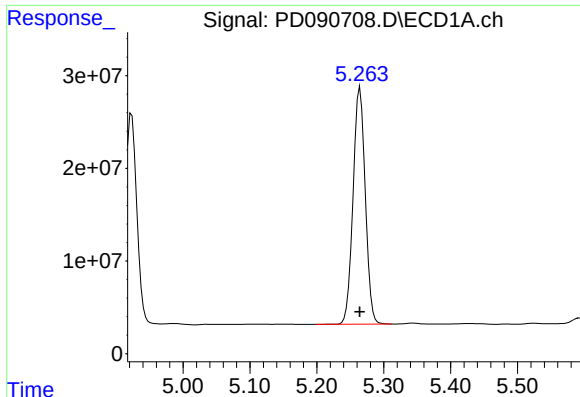
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 281789119
Conc: 50.41 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2103356370
Conc: 47.16 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 324551133
Conc: 49.57 ng/ml

Instrument :

ECD_D

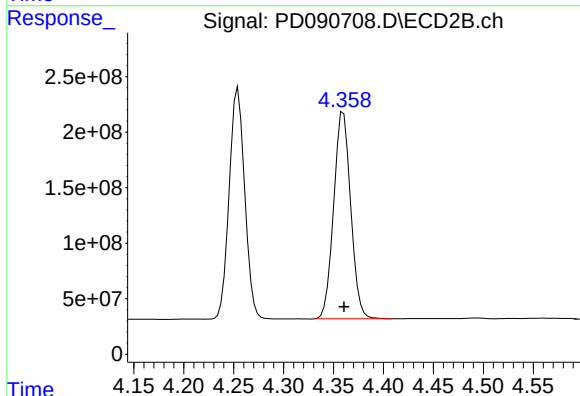
ClientSampleId :

TP-5-WCMSD

Manual Integrations

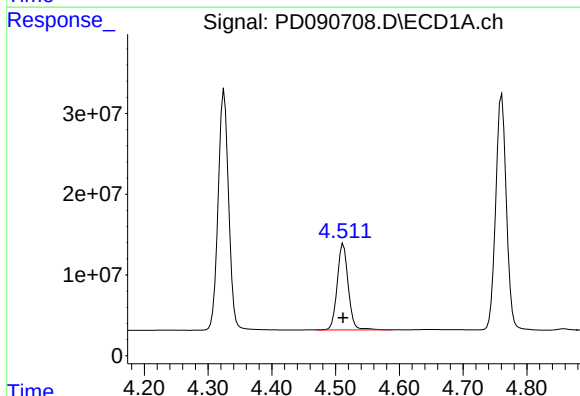
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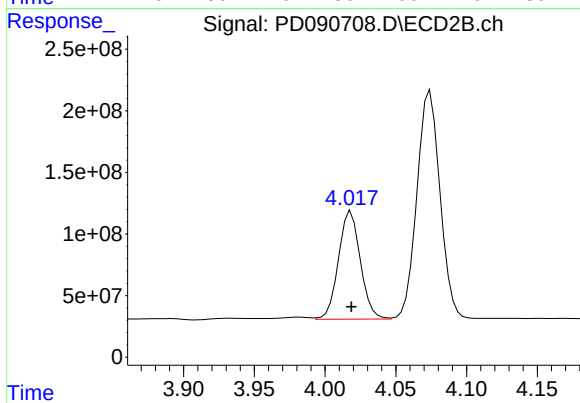
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2208784386
Conc: 47.69 ng/ml



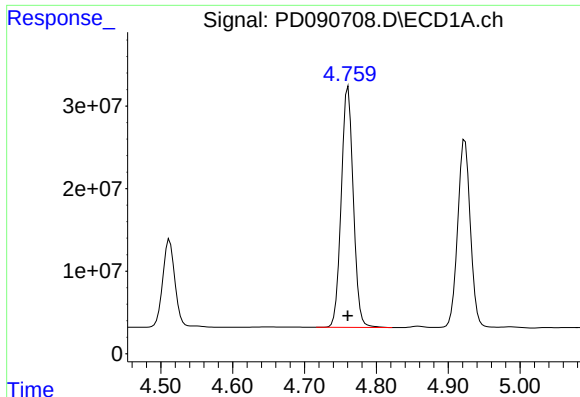
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 128011394
Conc: 48.87 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 946728210
Conc: 47.74 ng/ml



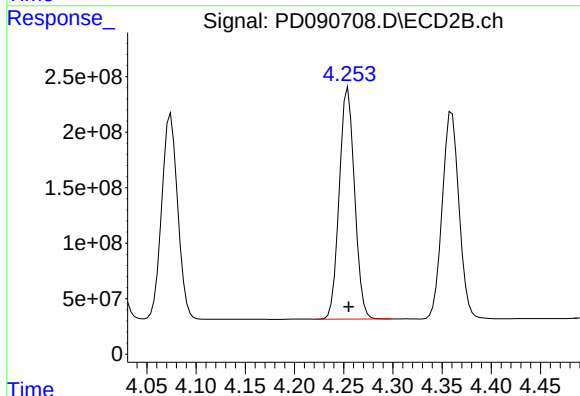
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 338852576
Conc: 50.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMSD

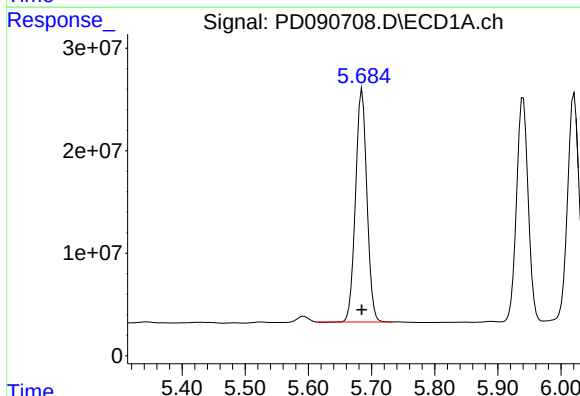
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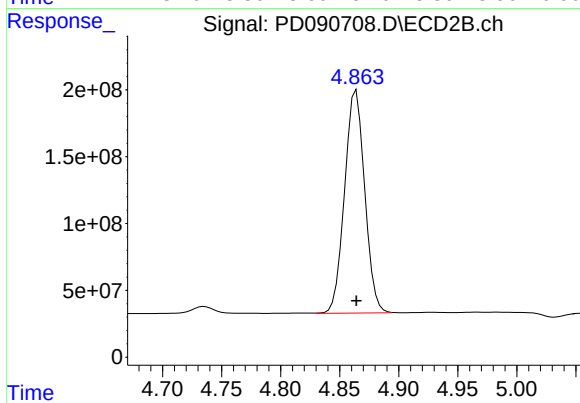
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2252727177
Conc: 47.21 ng/ml



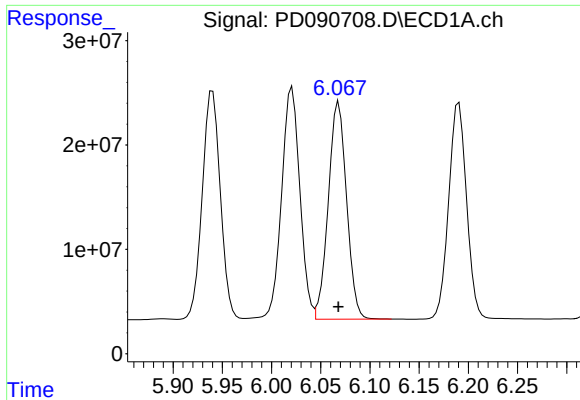
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 283688050
Conc: 49.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 1976614251
Conc: 46.36 ng/ml m



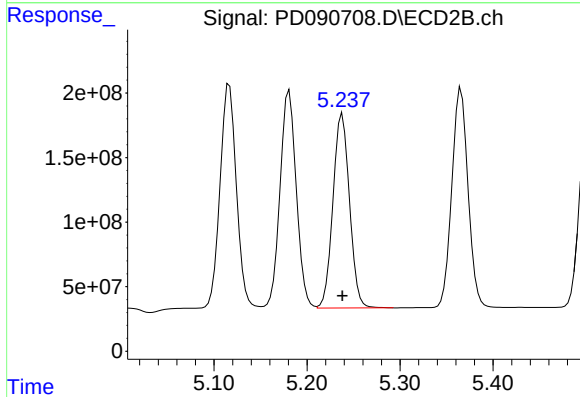
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 269605544
Conc: 48.69 ng/ml

Instrument :
ECD_D
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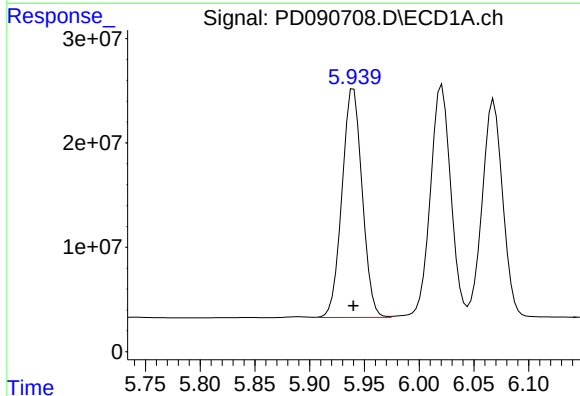
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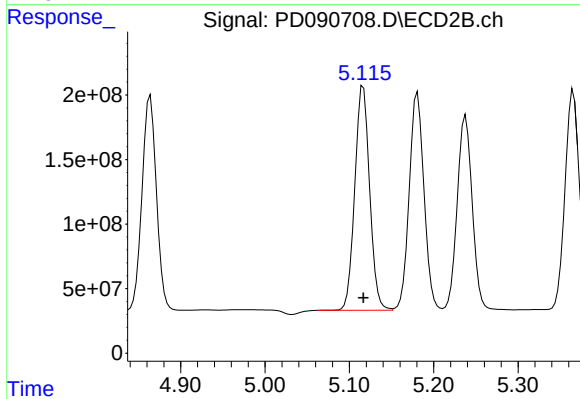
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1862768968
Conc: 47.29 ng/ml



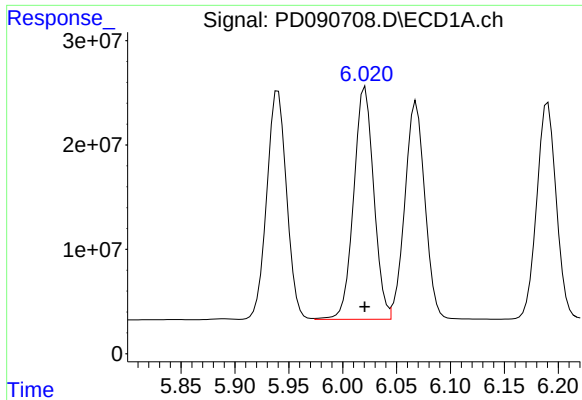
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 280583023
Conc: 47.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2125693107
Conc: 47.29 ng/ml



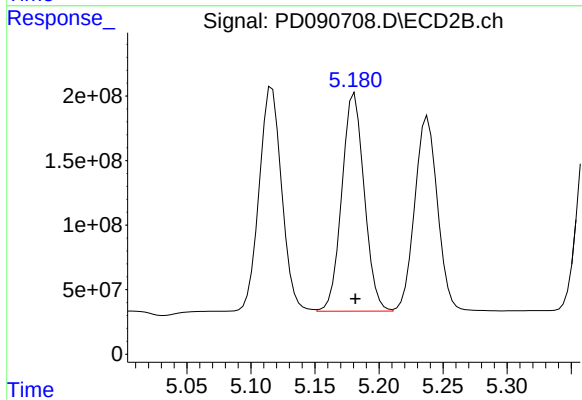
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 288488472
Conc: 46.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
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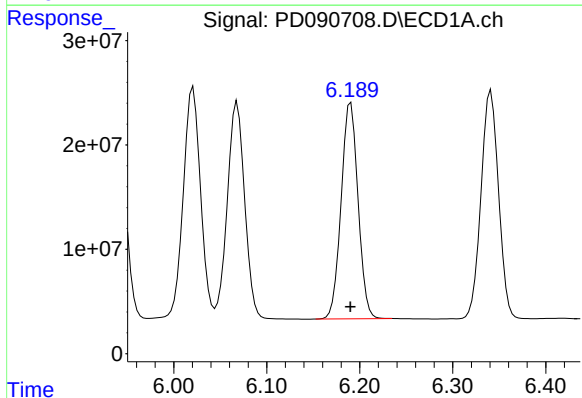
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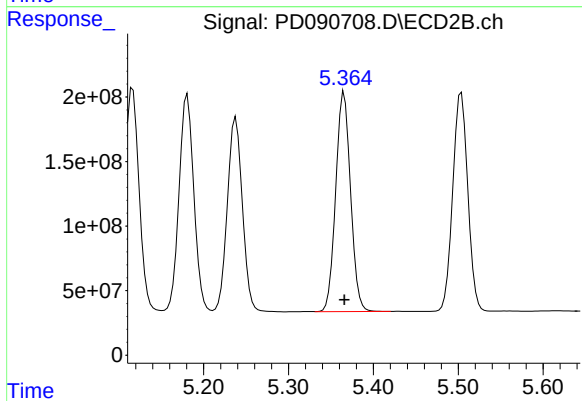
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2050519855
Conc: 47.53 ng/ml



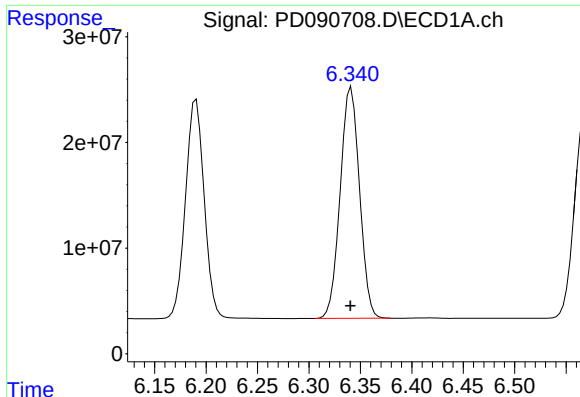
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 261410603
Conc: 49.08 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2065840626
Conc: 47.12 ng/ml



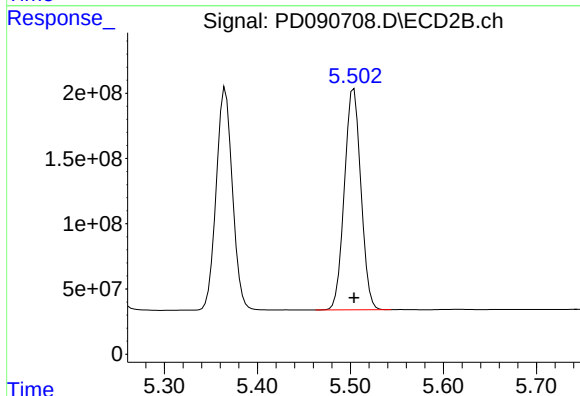
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 286234742
Conc: 49.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMSD

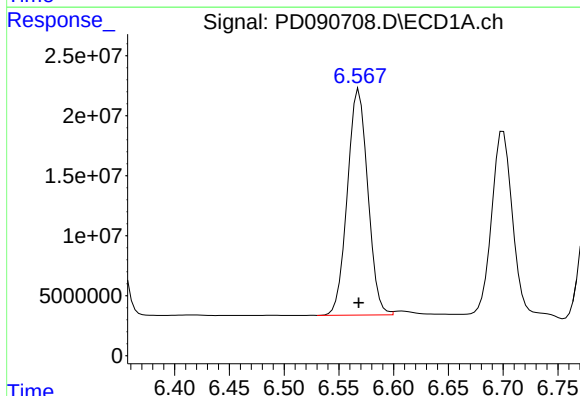
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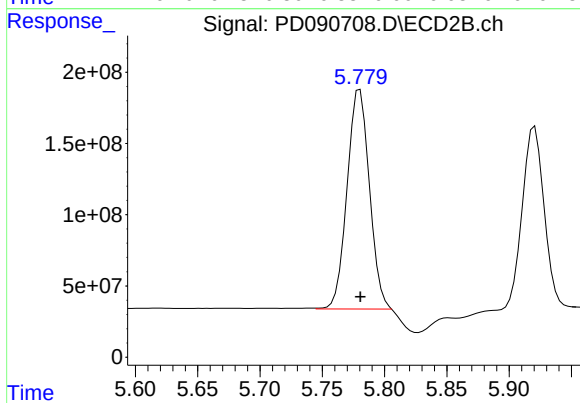
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 2089198219
Conc: 47.28 ng/ml



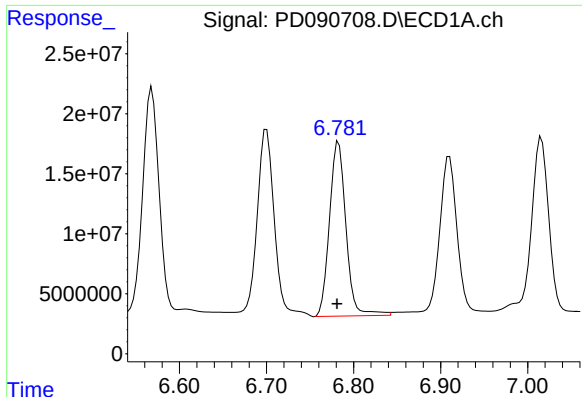
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 244519028
Conc: 49.36 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1931440472
Conc: 47.70 ng/ml m



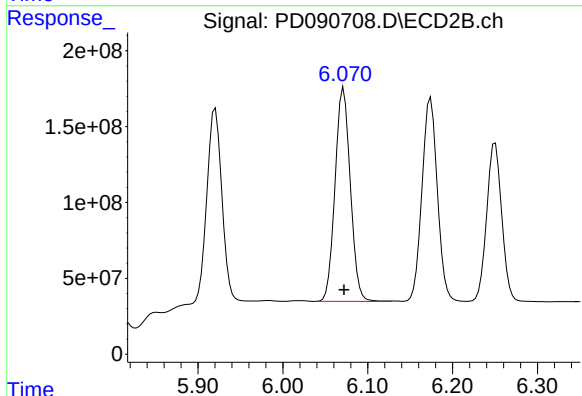
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 191211579
Conc: 38.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMSD

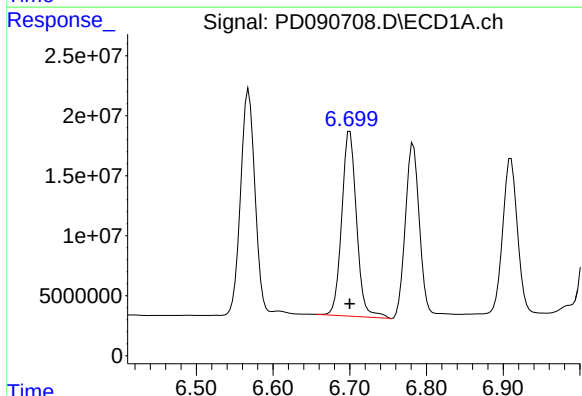
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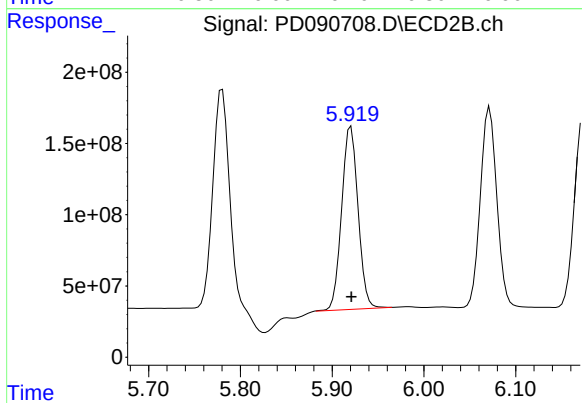
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1760982774
Conc: 46.89 ng/ml



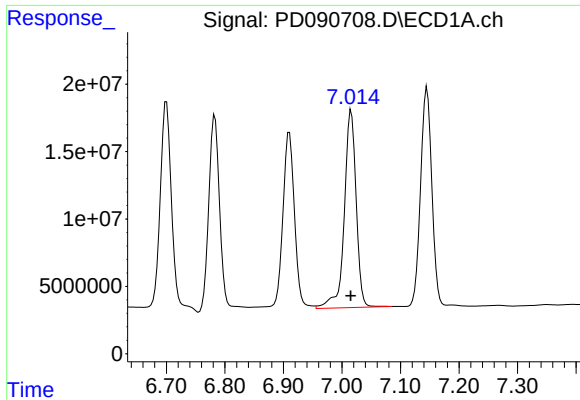
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 207267254
Conc: 51.12 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1588846450
Conc: 43.60 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 206387319
Conc: 50.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

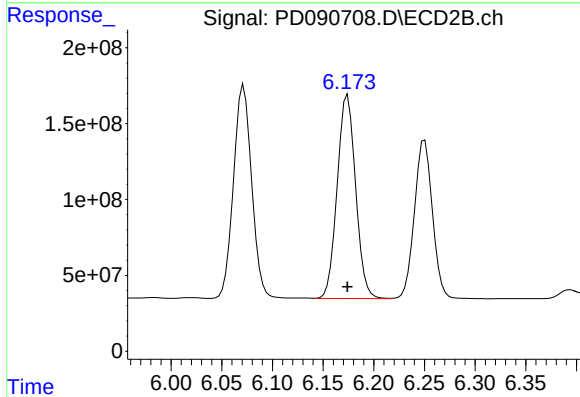
TP-5-WCMSD

Manual Integrations

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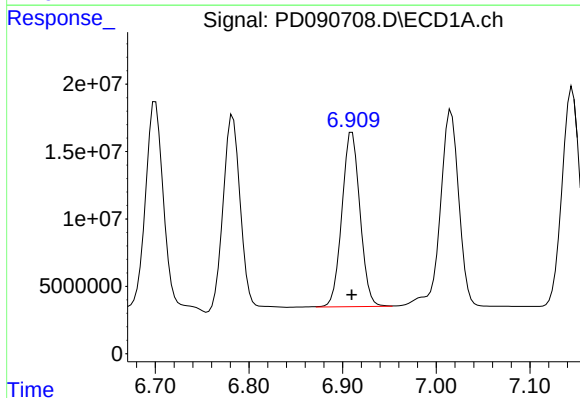
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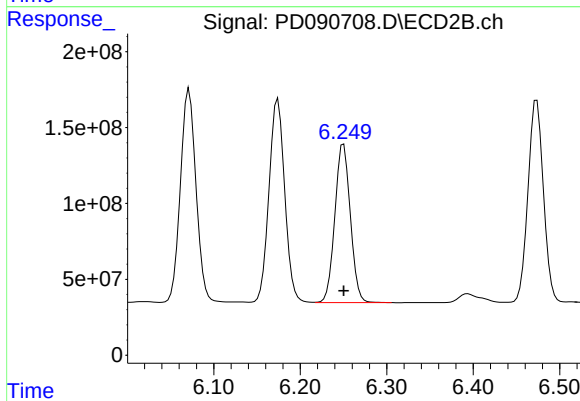
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1696854686
Conc: 48.38 ng/ml



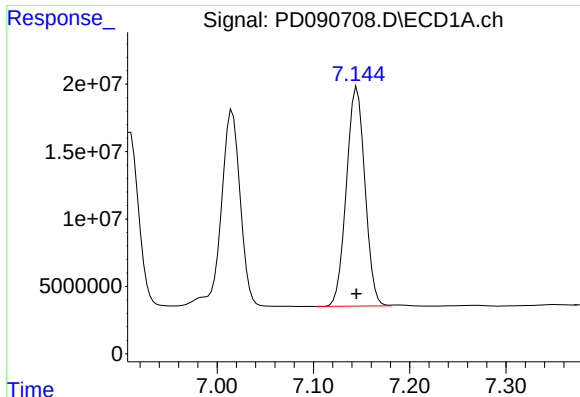
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 173823104
Conc: 47.46 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1291907146
Conc: 46.65 ng/ml



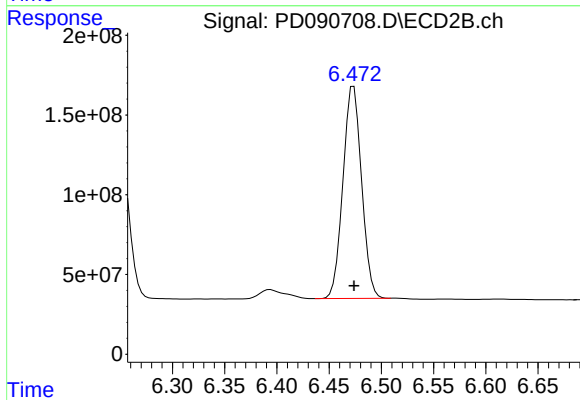
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 216147157
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMSD

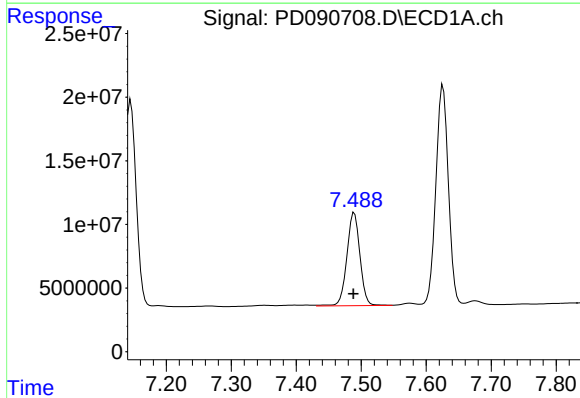
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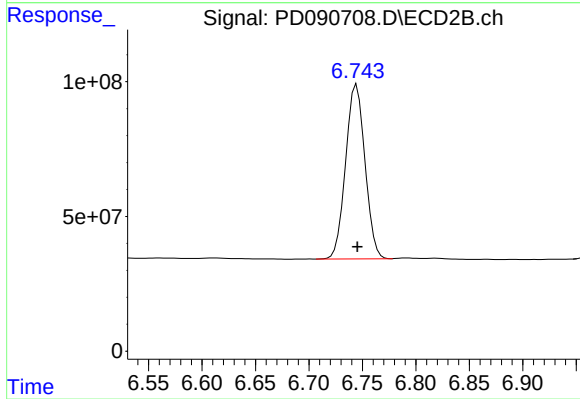
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1649477249
Conc: 46.02 ng/ml



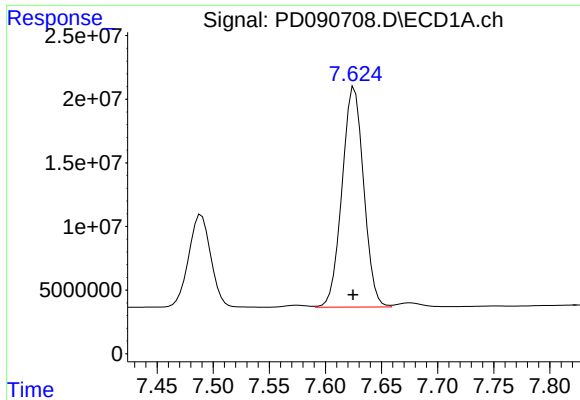
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.001 min
Response: 102376397
Conc: 48.16 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 815377889
Conc: 46.79 ng/ml



#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 231826247
Conc: 47.71 ng/ml

Instrument :

ECD_D

ClientSampleId :

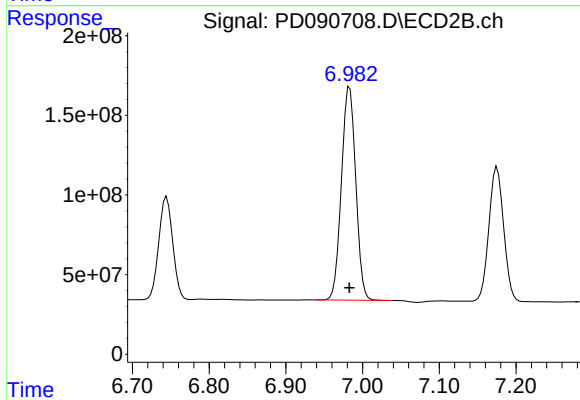
TP-5-WCMSD

Manual Integrations

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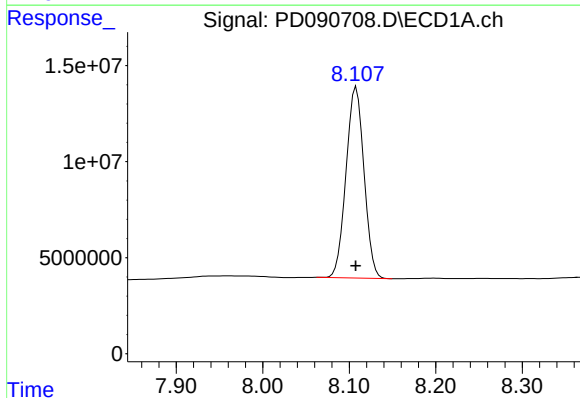
Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025



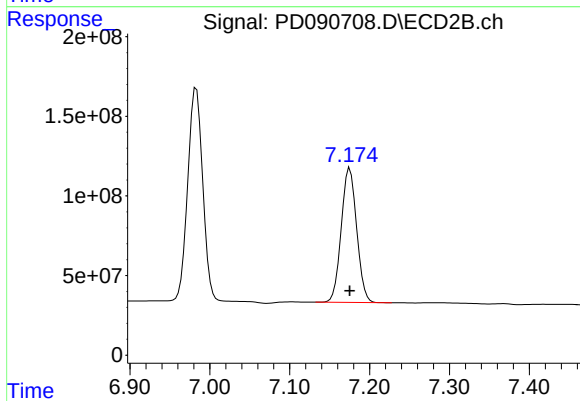
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1743455792
Conc: 46.22 ng/ml



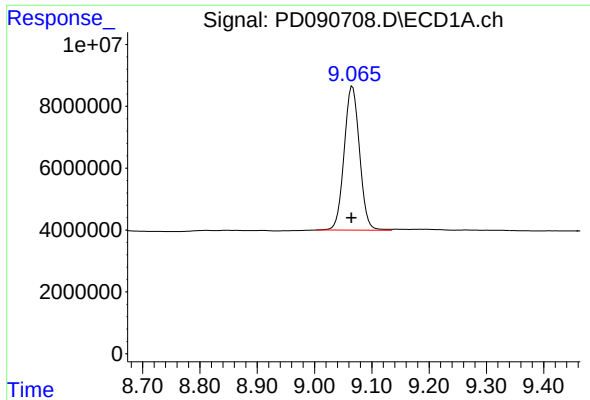
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 143025034
Conc: 44.68 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1133070806
Conc: 44.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 87153247
Conc: 18.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

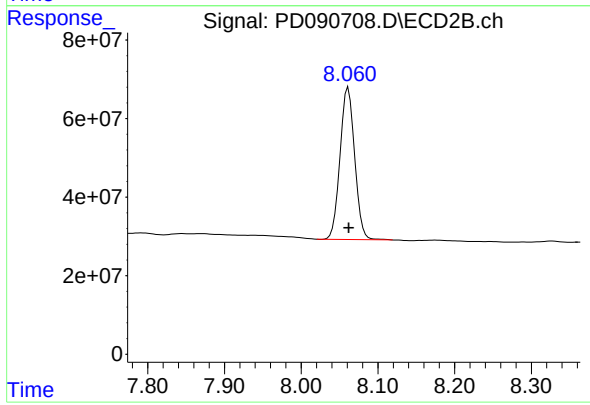
TP-5-WCMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 514207721
Conc: 16.98 ng/ml