

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
 Data File : PD090724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 12:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2025
 Supervised By : mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 13:09:30 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...	3.551	2.873	146.5E6	1425.0E6	47.044	47.854
28)	SA Decachlor...	9.076	8.064	210.3E6	1487.8E6	44.964	49.115
Target Compounds							
2)	A alpha-BHC	4.001	3.385	360.1E6	2479.8E6	50.170	48.533
3)	MA gamma-BHC...	4.332	3.722	337.8E6	2295.8E6	49.692	48.589
4)	MA Heptachlor	4.930	4.074	322.2E6	2179.8E6	57.644	48.871
5)	MB Aldrin	5.272	4.360	324.6E6	2255.0E6	49.580	48.684
6)	B beta-BHC	4.519	4.017	127.1E6	941.2E6	48.505	47.465m
7)	B delta-BHC	4.768	4.255	334.2E6	2317.0E6	49.427	48.557
8)	B Heptachlo...	5.691	4.864	285.4E6	2035.4E6	49.292m	47.736
9)	A Endosulfan I	6.076	5.239	270.8E6	1860.2E6	48.916	47.224
10)	B gamma-Chl...	5.948	5.117	292.2E6	2203.3E6	49.262	49.017
11)	B alpha-Chl...	6.028	5.182	291.1E6	2105.0E6	47.106	48.798
12)	B 4,4'-DDE	6.198	5.367	256.3E6	2151.1E6	48.112	49.070
13)	MA Dieldrin	6.349	5.505	288.6E6	2180.5E6	49.487	49.350
14)	MA Endrin	6.576	5.781	245.8E6	2006.0E6	49.616	49.537
15)	B Endosulfa...	6.788	6.073	251.0E6	1852.1E6	50.203	49.315
16)	A 4,4'-DDD	6.708	5.922	208.7E6	1786.2E6	51.478	49.020
17)	MA 4,4'-DDT	7.024	6.175	214.3E6	1819.9E6	52.124	51.889
18)	B Endrin al...	6.918	6.251	183.4E6	1383.7E6	50.082	49.965
19)	B Endosulfa...	7.153	6.475	224.1E6	1782.0E6	48.312	49.715
20)	A Methoxychlor	7.496	6.747	106.4E6	892.3E6	50.061	51.198
21)	B Endrin ke...	7.633	6.985	238.6E6	1912.7E6	49.102	50.711
22)	Mirex	8.116	7.177	153.7E6	1290.2E6	48.033	50.219

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
Data File : PD090724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

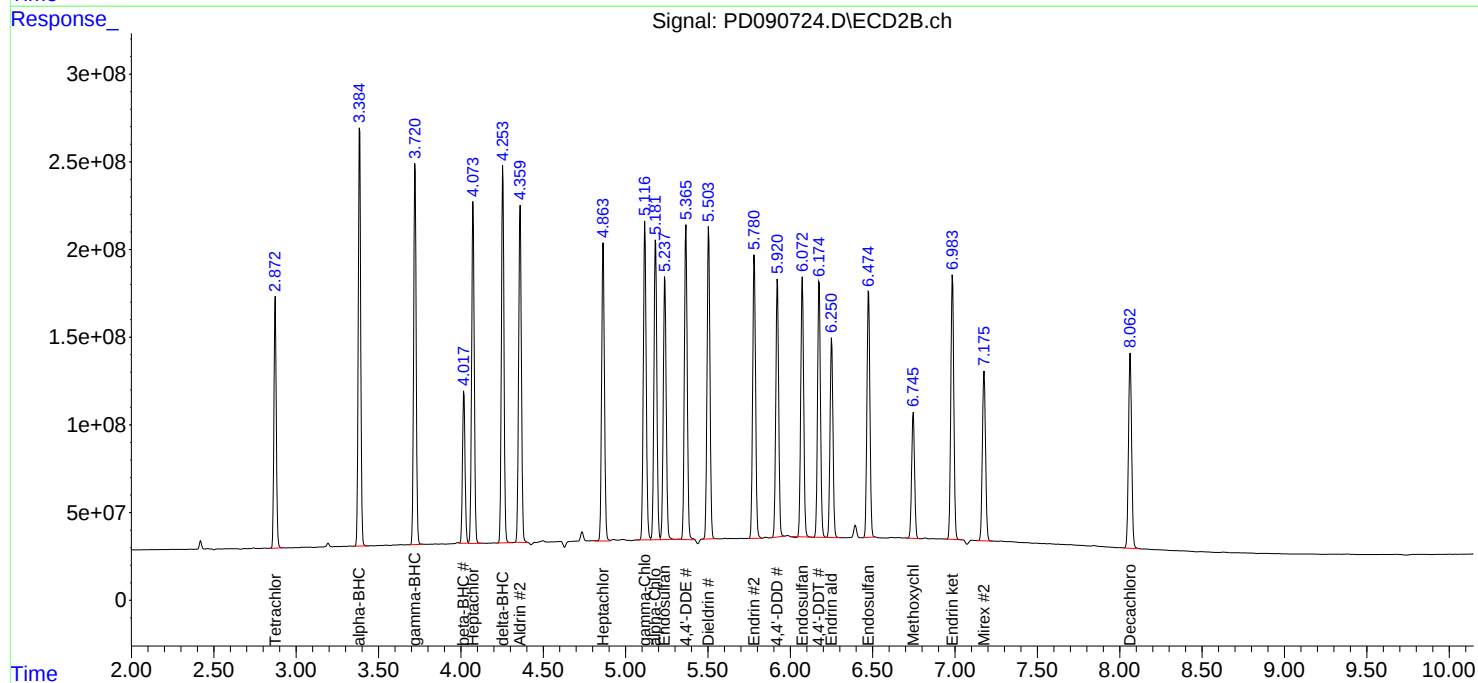
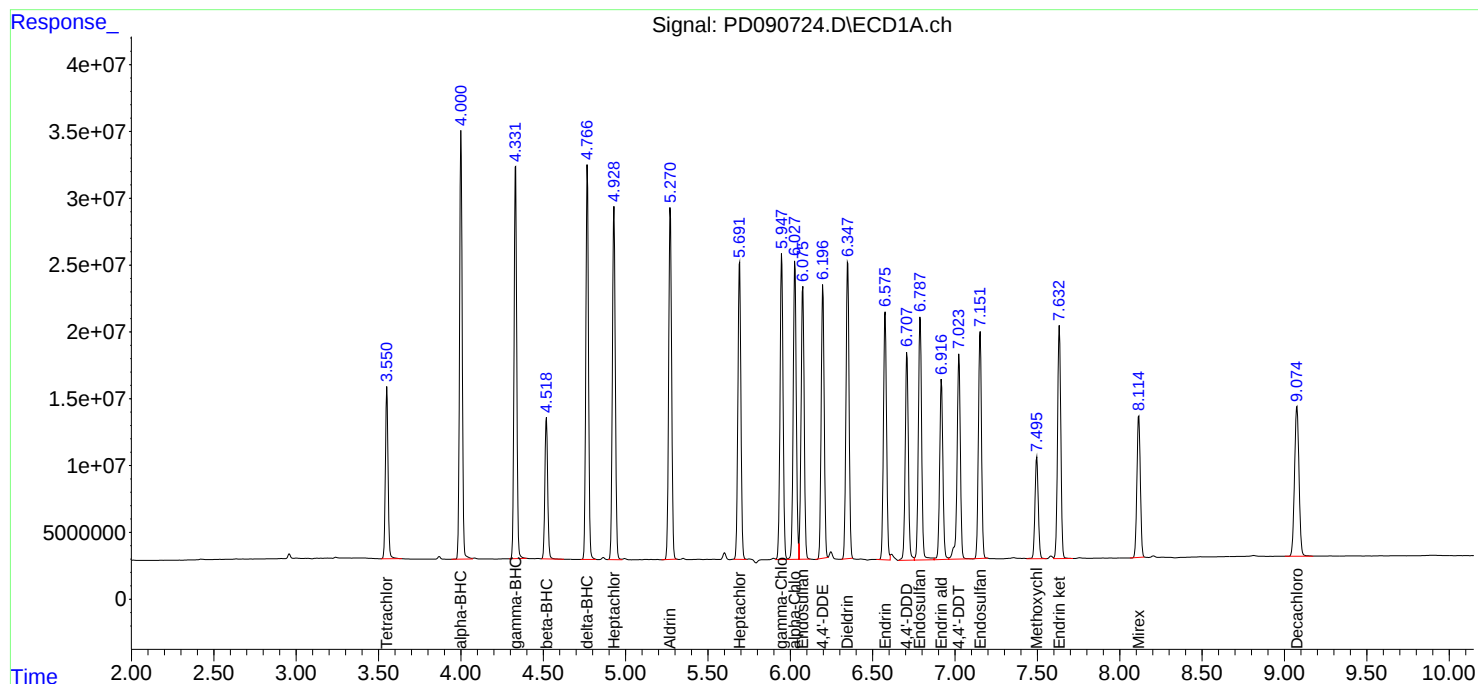
APPROVED

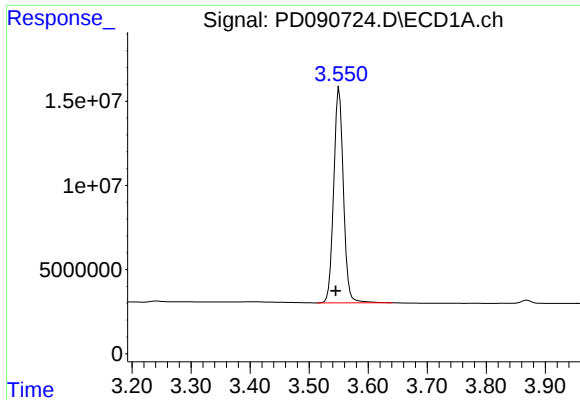
Reviewed By :Abdul Mirza 10/27/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:09:30 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





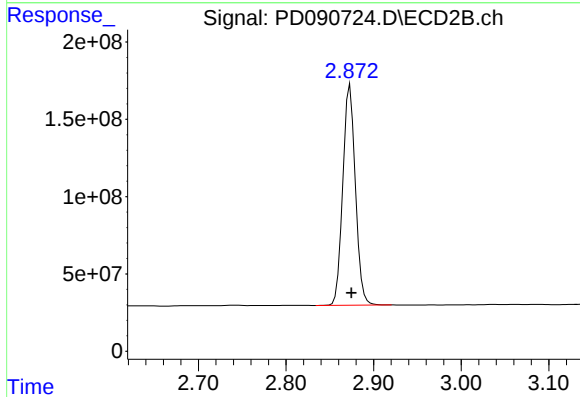
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 146501367
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

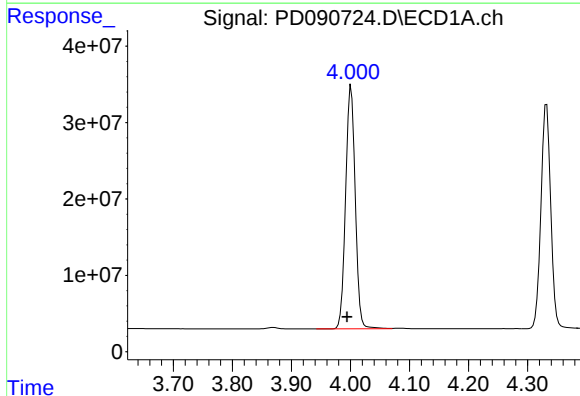
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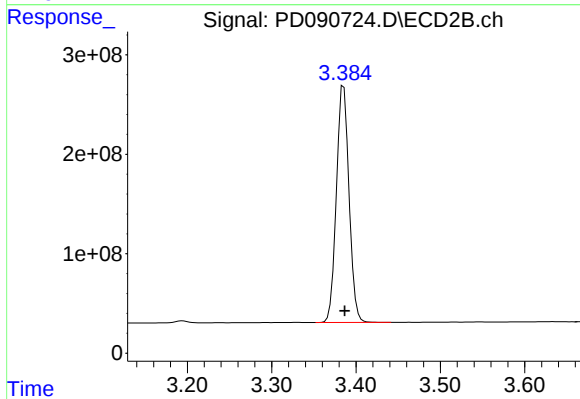
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 1424968709
Conc: 47.85 ng/ml



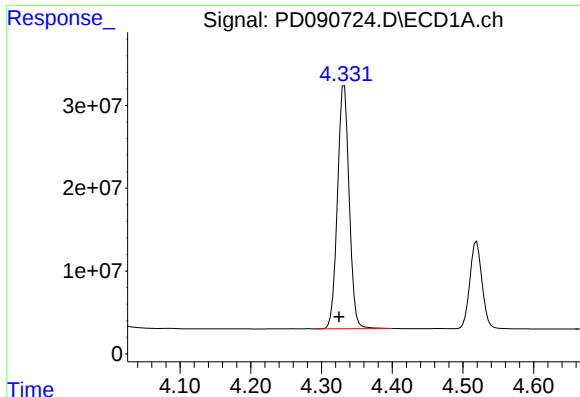
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 360075053
Conc: 50.17 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2479834497
Conc: 48.53 ng/ml



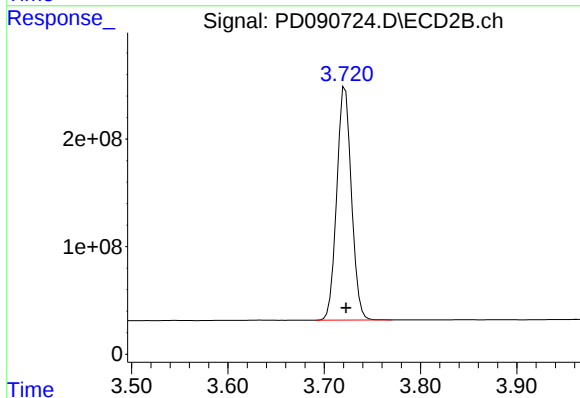
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 337849558
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

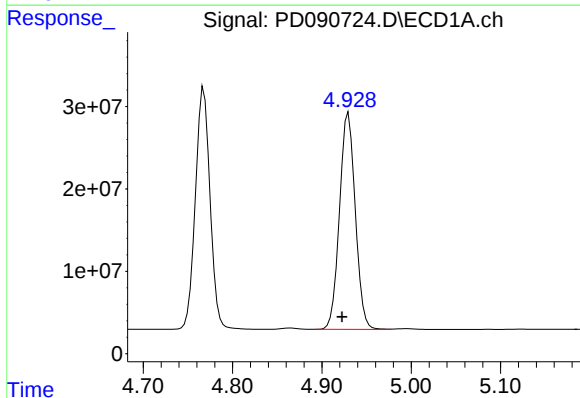
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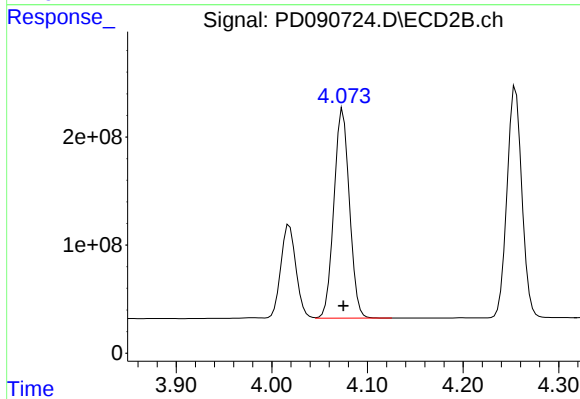
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2295769140
Conc: 48.59 ng/ml



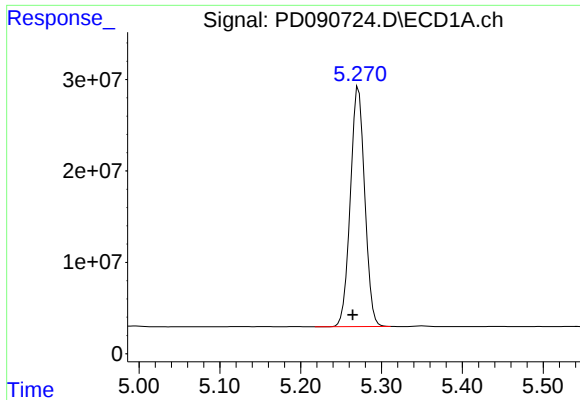
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.007 min
Response: 322204232
Conc: 57.64 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2179767752
Conc: 48.87 ng/ml



#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.007 min
Response: 324615349
Conc: 49.58 ng/ml

Instrument :

ECD_D

ClientSampleId :

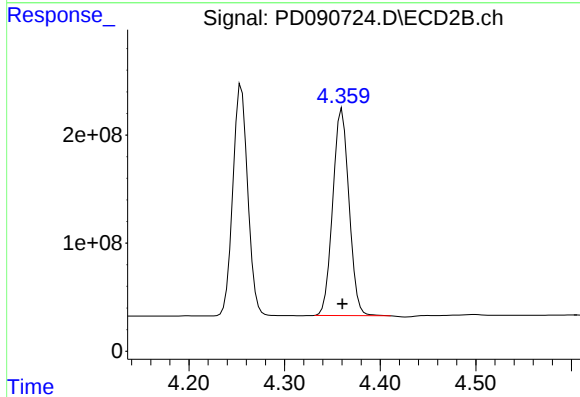
PSTDCCC050

Manual Integrations

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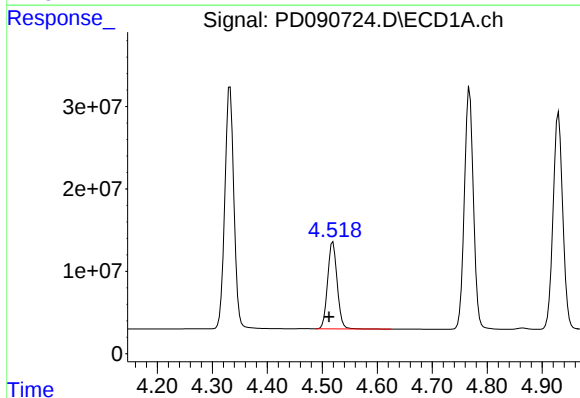
Reviewed By :Abdul Mirza 10/27/2025

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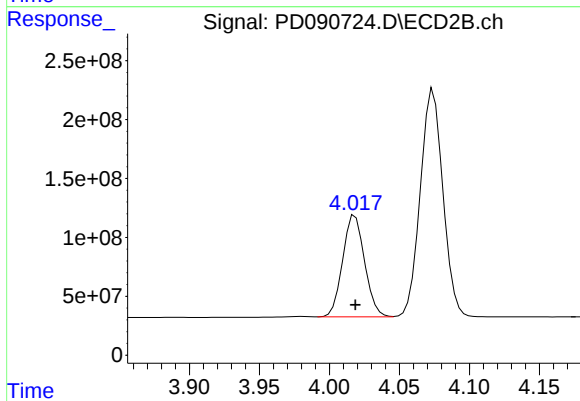
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2254996921
Conc: 48.68 ng/ml



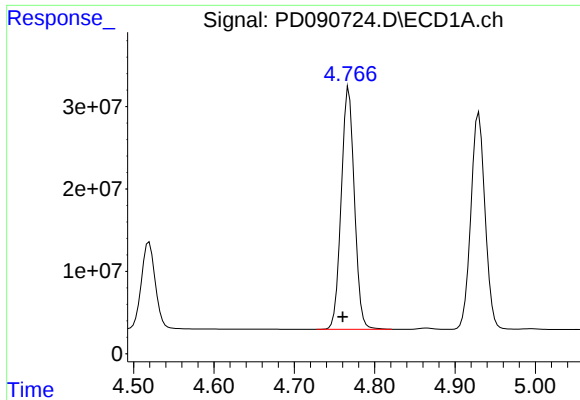
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.007 min
Response: 127066160
Conc: 48.51 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 941209923
Conc: 47.47 ng/ml m



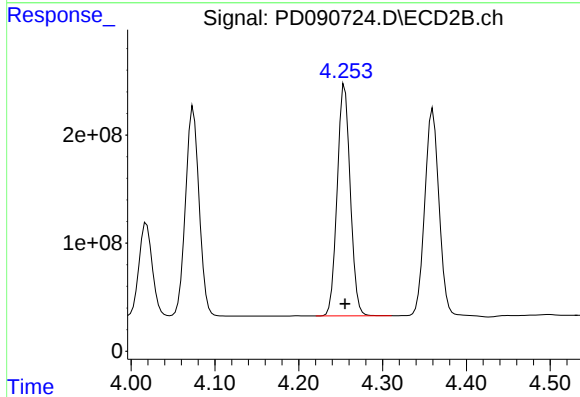
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 334214917
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

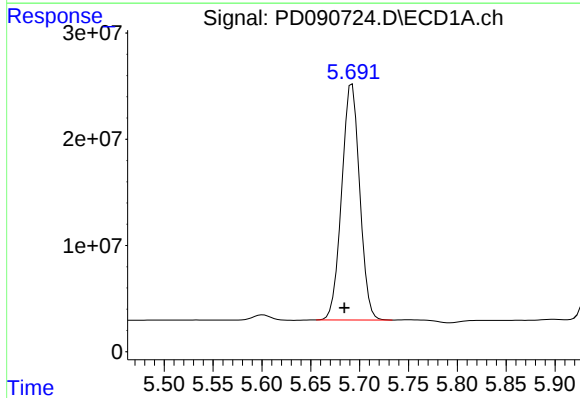
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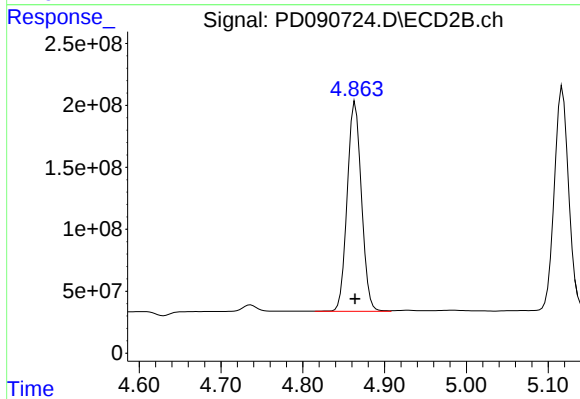
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2316995740
Conc: 48.56 ng/ml



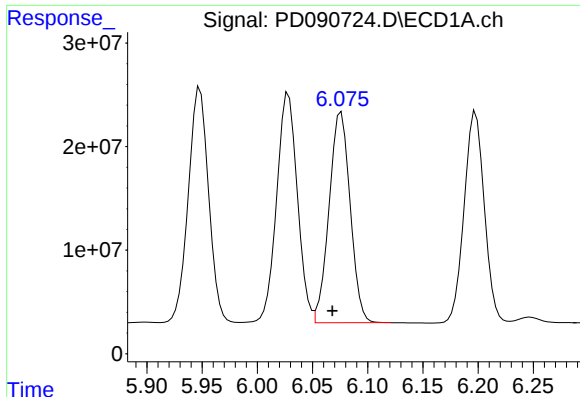
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.007 min
Response: 285353934
Conc: 49.29 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2035409025
Conc: 47.74 ng/ml



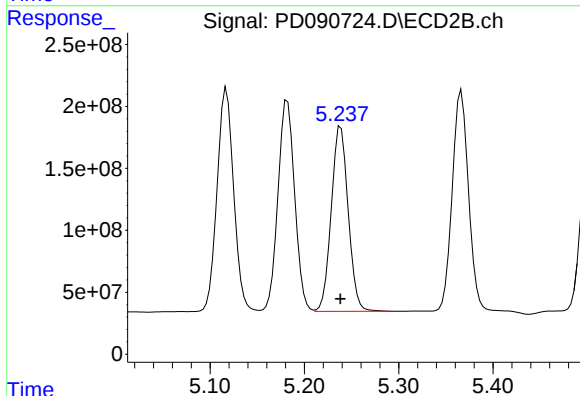
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.008 min
Response: 270829277
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

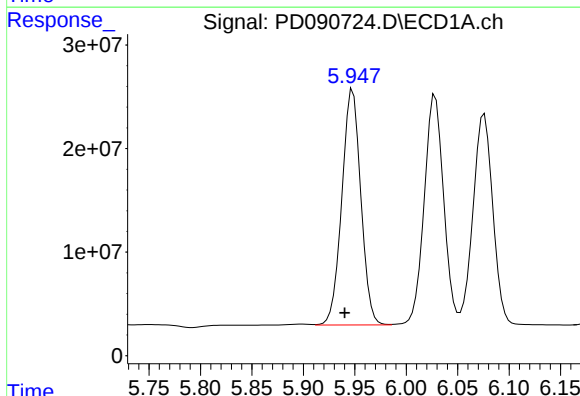
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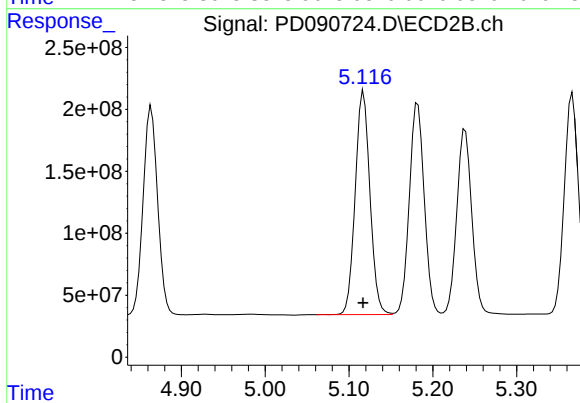
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1860171236
Conc: 47.22 ng/ml



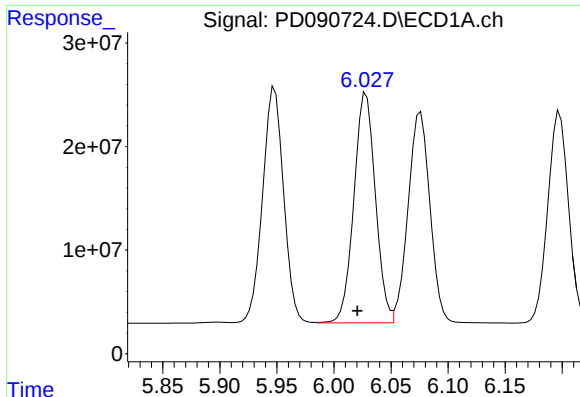
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 292184113
Conc: 49.26 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 2203271922
Conc: 49.02 ng/ml



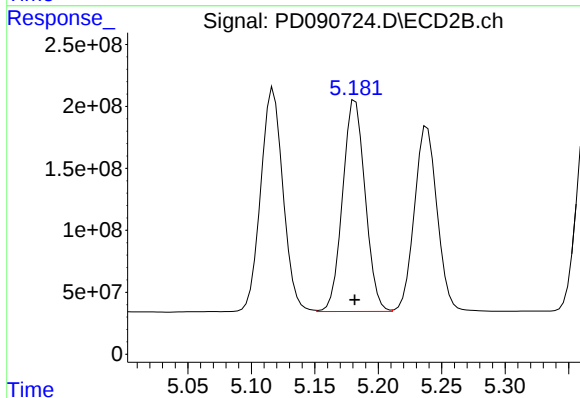
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 291129742
Conc: 47.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

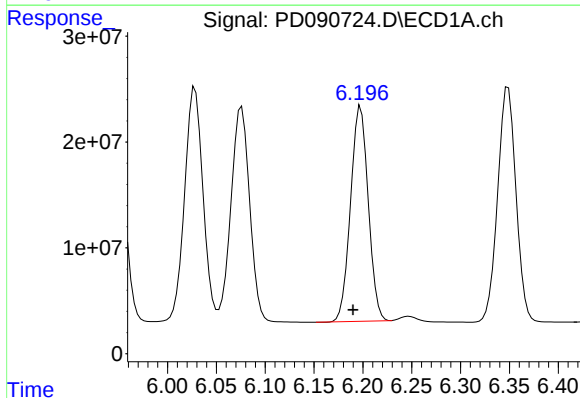
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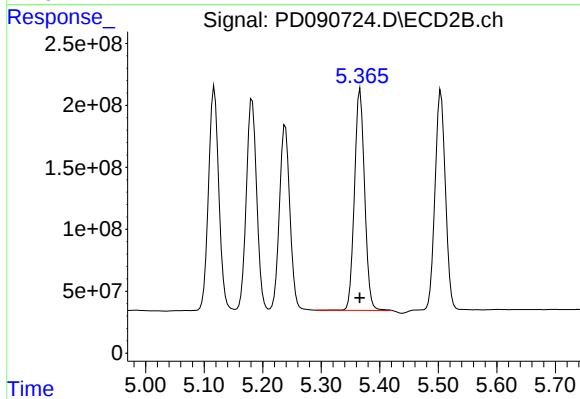
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 2105049065
Conc: 48.80 ng/ml



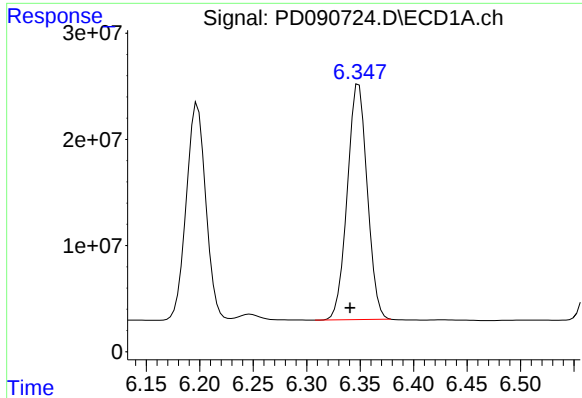
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.008 min
Response: 256275618
Conc: 48.11 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 2151144256
Conc: 49.07 ng/ml



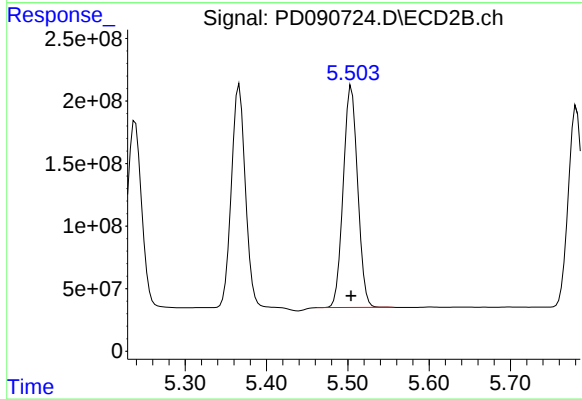
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.008 min
Response: 288574227
Conc: 49.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

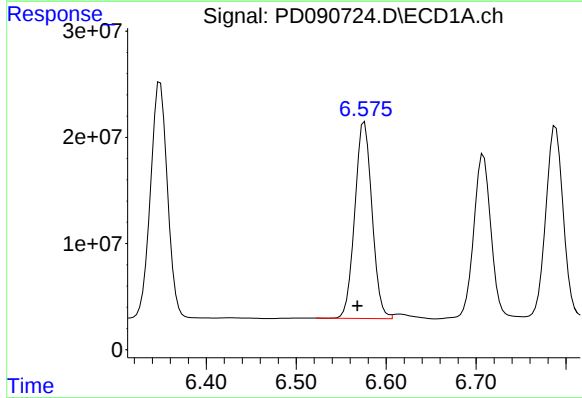
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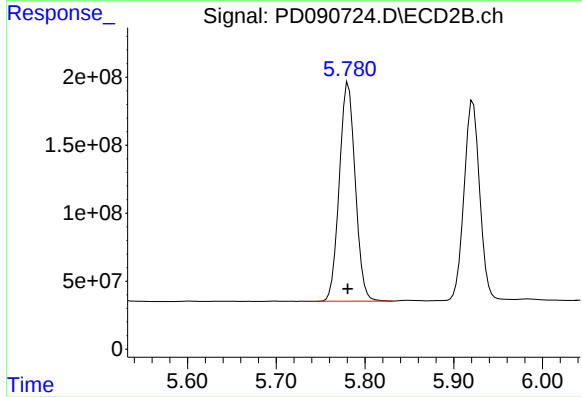
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 2180479961
Conc: 49.35 ng/ml



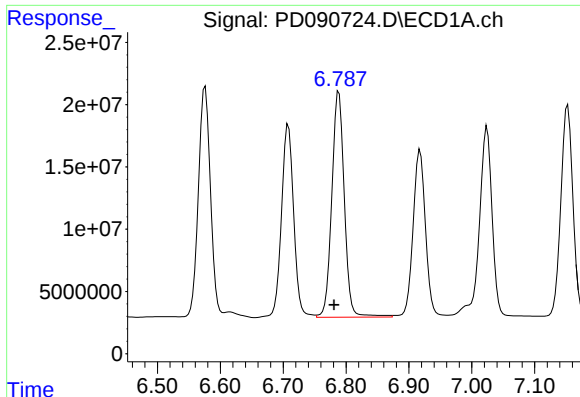
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.008 min
Response: 245782695
Conc: 49.62 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2005954729
Conc: 49.54 ng/ml



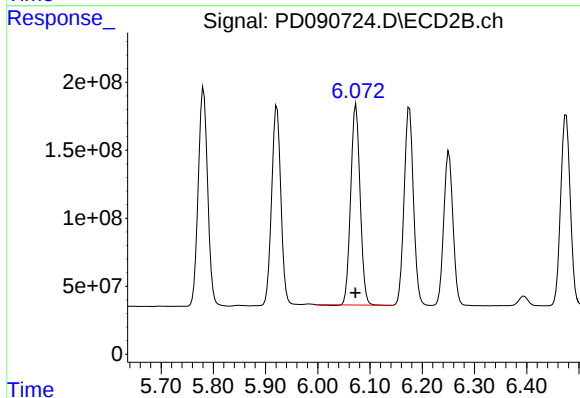
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.008 min
Response: 251012291
Conc: 50.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

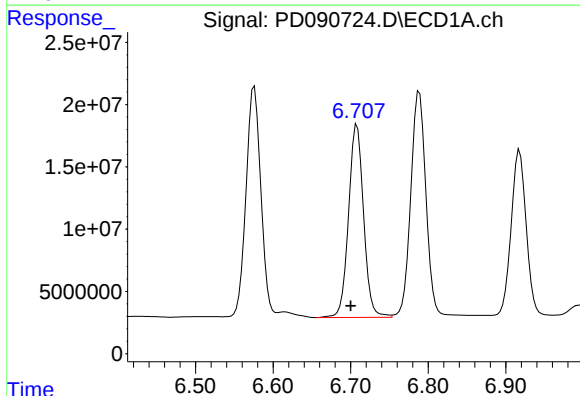
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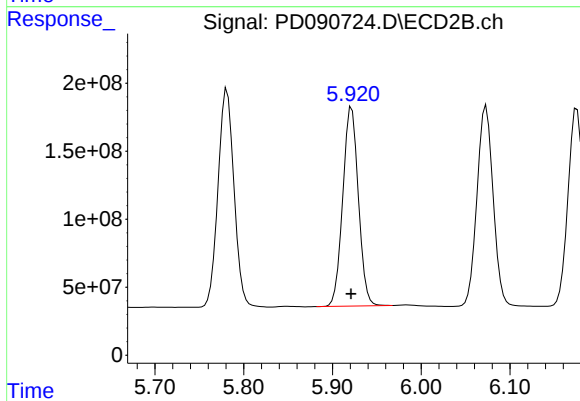
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.001 min
Response: 1852062192
Conc: 49.32 ng/ml



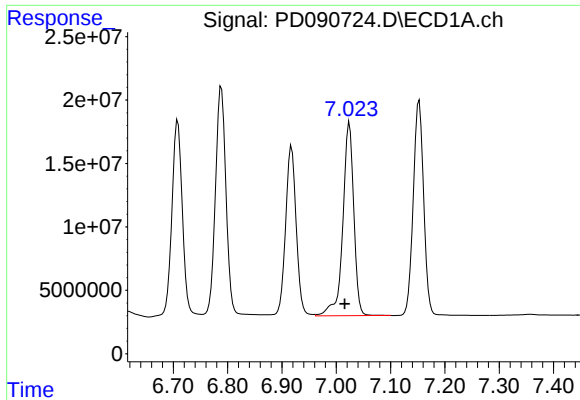
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.008 min
Response: 208704673
Conc: 51.48 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1786197074
Conc: 49.02 ng/ml



#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.009 min
Response: 214255709
Conc: 52.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

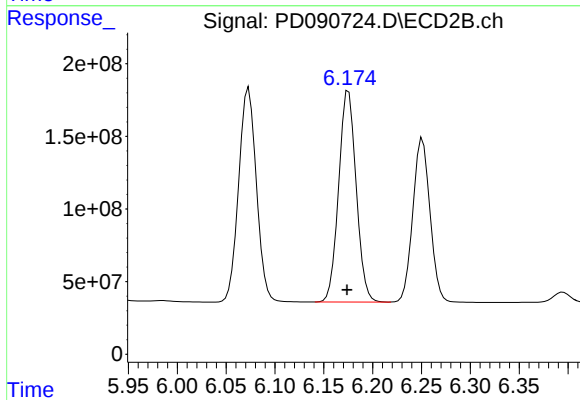
PSTDCCC050

Manual Integrations

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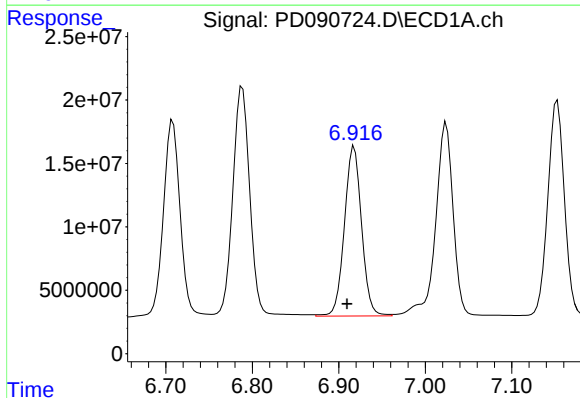
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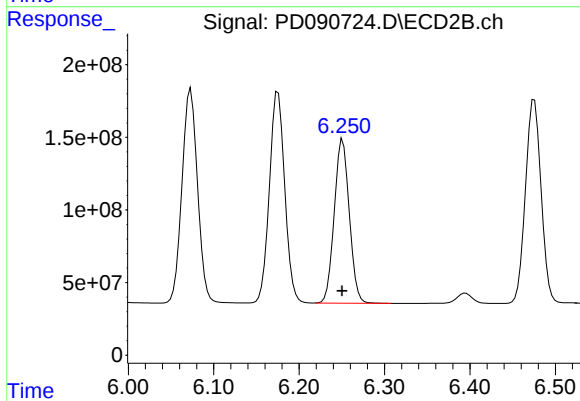
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 1819901768
Conc: 51.89 ng/ml



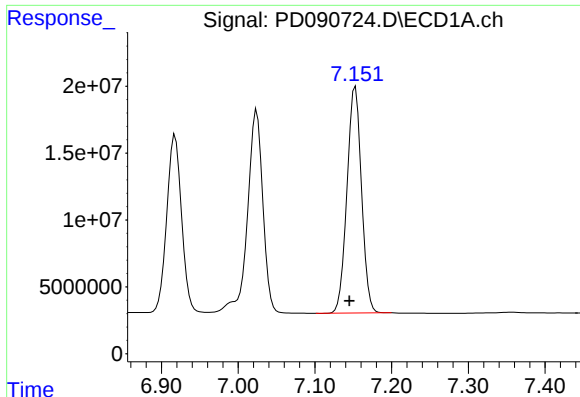
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.008 min
Response: 183436836
Conc: 50.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1383660186
Conc: 49.96 ng/ml



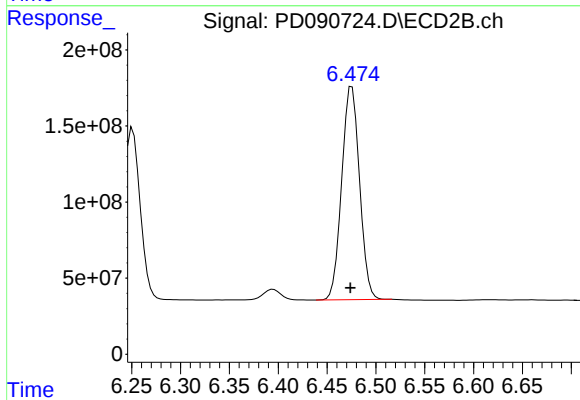
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.008 min
Response: 224081980
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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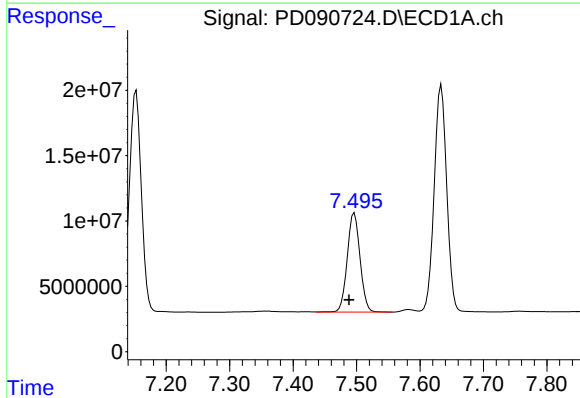
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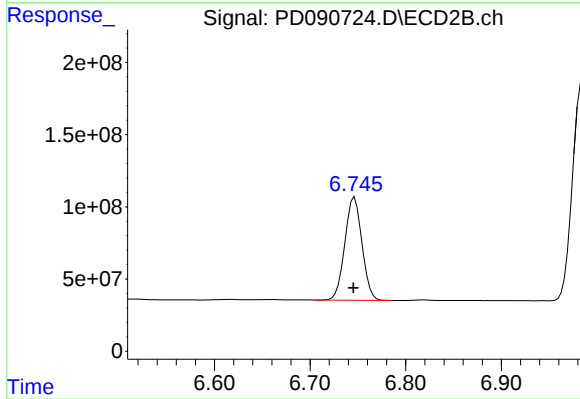
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 1782034998
Conc: 49.71 ng/ml



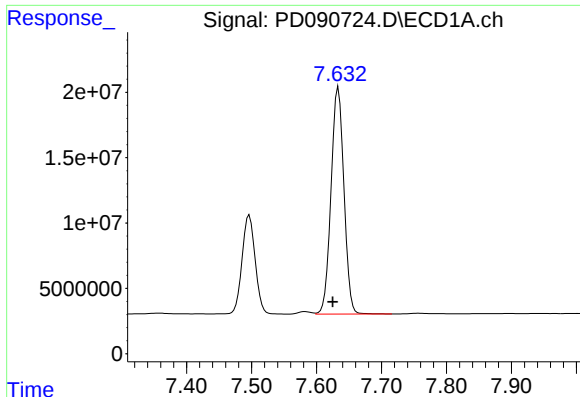
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.008 min
Response: 106409436
Conc: 50.06 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 892261916
Conc: 51.20 ng/ml



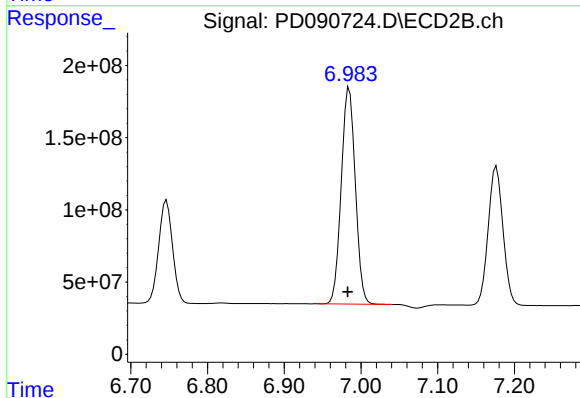
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.009 min
Response: 238577994
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

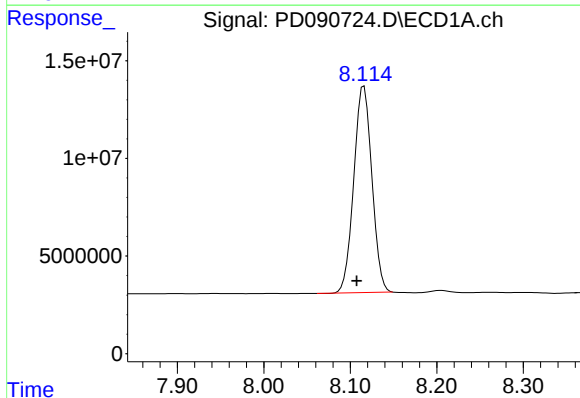
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



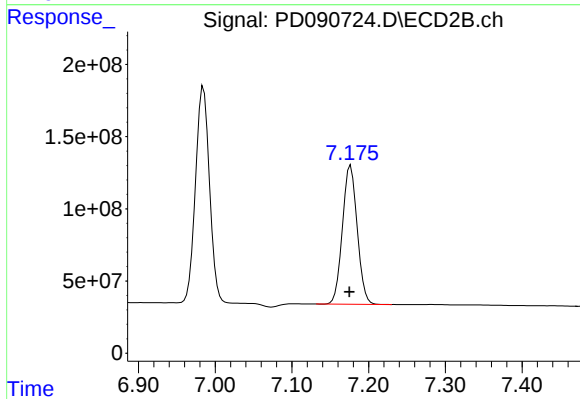
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 1912724040
Conc: 50.71 ng/ml



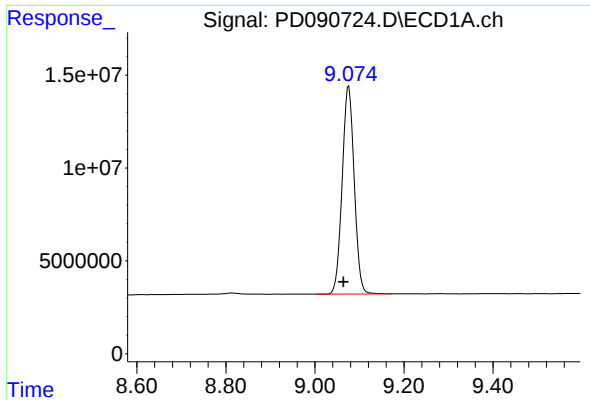
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.008 min
Response: 153746476
Conc: 48.03 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 1290174767
Conc: 50.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.012 min
Response: 210341528
Conc: 44.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

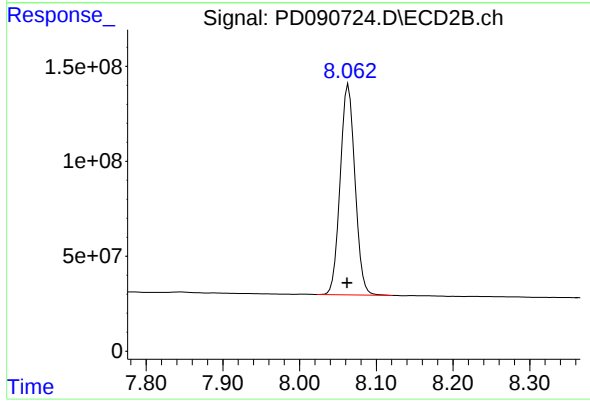
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 1487759255
Conc: 49.11 ng/ml