

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 10:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 23:49:21 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	2.874	149.5E6	1412.7E6	48.016	47.443
28)	SA Decachlor...	9.075	8.064	209.4E6	1319.7E6	44.771	43.566
Target Compounds							
2)	A alpha-BHC	4.001	3.386	366.2E6	2449.0E6	51.020	47.929
3)	MA gamma-BHC...	4.332	3.723	341.8E6	2263.0E6	50.278	47.895
4)	MA Heptachlor	4.930	4.075	326.3E6	2144.2E6	58.384	48.073
5)	MB Aldrin	5.272	4.361	327.4E6	2230.6E6	50.008	48.158
6)	B beta-BHC	4.518	4.019	126.7E6	926.4E6	48.370m	46.717
7)	B delta-BHC	4.768	4.255	336.3E6	2277.7E6	49.735	47.733
8)	B Heptachlo...	5.691	4.865	287.5E6	2008.0E6	49.665m	47.093
9)	A Endosulfan I	6.076	5.239	272.3E6	1800.1E6	49.188	45.698
10)	B gamma-Chl...	5.948	5.118	294.1E6	2158.2E6	49.592	48.014
11)	B alpha-Chl...	6.028	5.182	291.4E6	2067.7E6	47.143	47.932
12)	B 4,4'-DDE	6.198	5.367	259.6E6	2106.9E6	48.743	48.061
13)	MA Dieldrin	6.349	5.505	289.6E6	2129.7E6	49.669	48.201
14)	MA Endrin	6.576	5.782	250.1E6	1961.0E6	50.487	48.426
15)	B Endosulfa...	6.788	6.074	260.5E6	1808.1E6	52.090	48.144
16)	A 4,4'-DDD	6.708	5.922	210.6E6	1743.4E6	51.945	47.846
17)	MA 4,4'-DDT	7.023	6.176	220.2E6	1837.6E6	53.571	52.393
18)	B Endrin al...	6.918	6.252	186.4E6	1360.9E6	50.878	49.144
19)	B Endosulfa...	7.152	6.476	224.1E6	1709.3E6	48.311	47.685
20)	A Methoxychlor	7.497	6.747	105.5E6	858.6E6	49.615	49.267
21)	B Endrin ke...	7.633	6.984	234.0E6	1776.9E6	48.153	47.111
22)	Mirex	8.115	7.178	149.0E6	1188.7E6	46.548	46.269

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
Data File : PD090692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2025 10:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

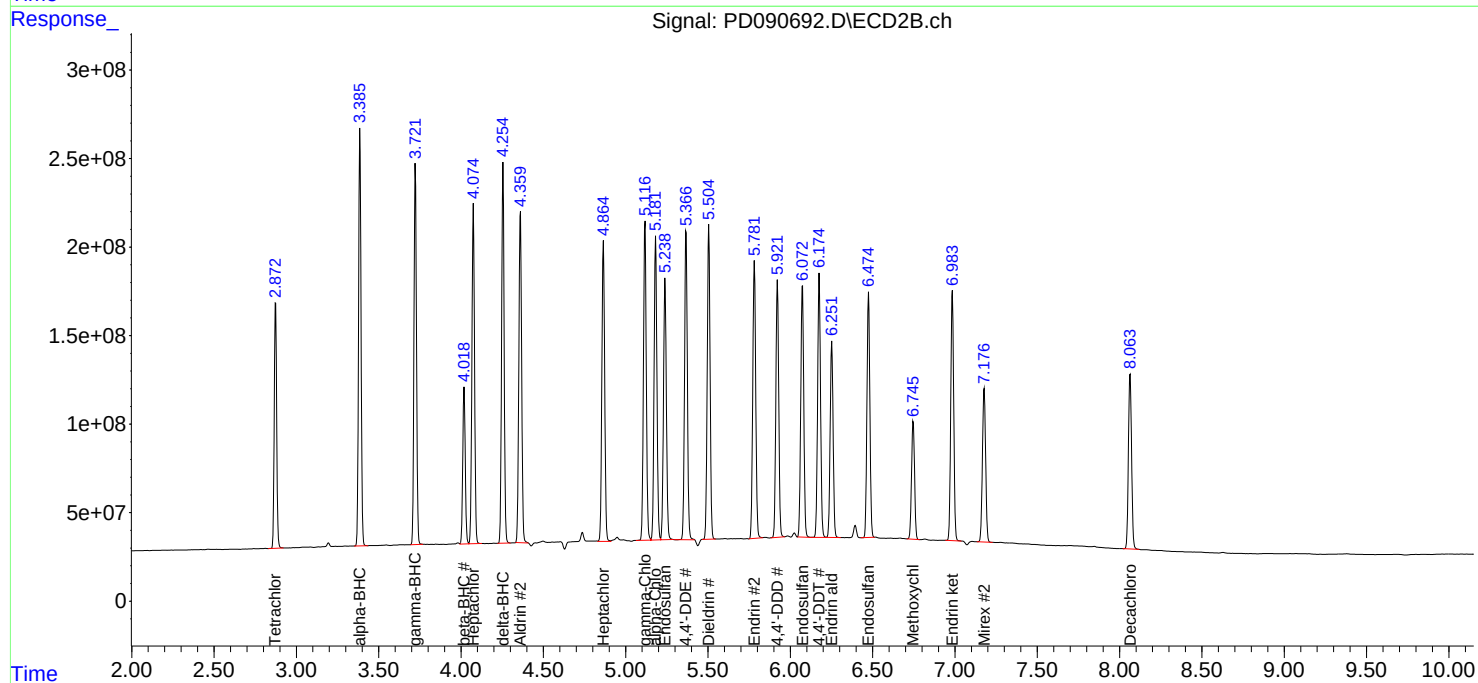
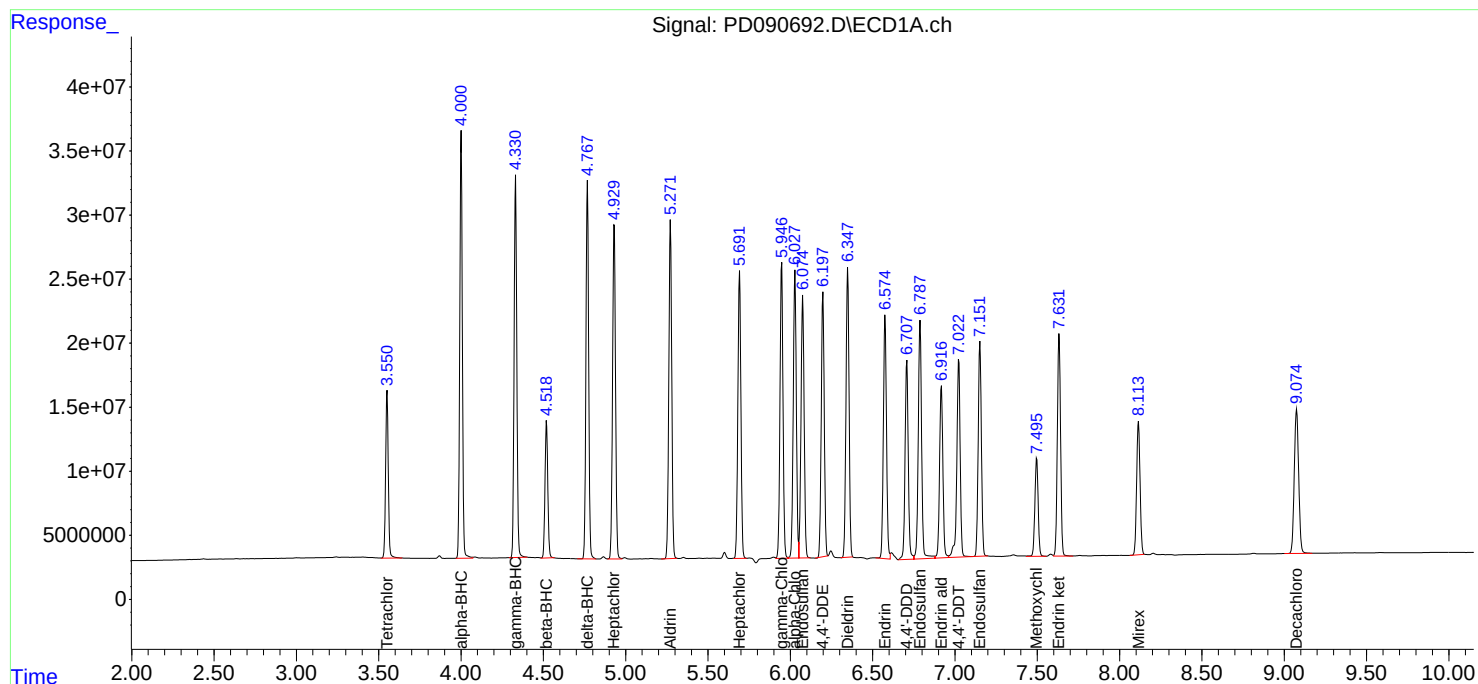
APPROVED

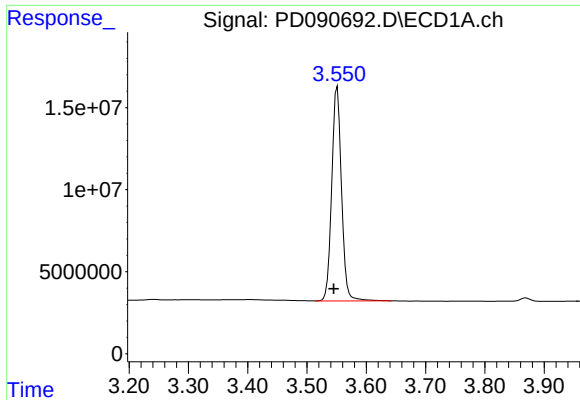
Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 23:49:21 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





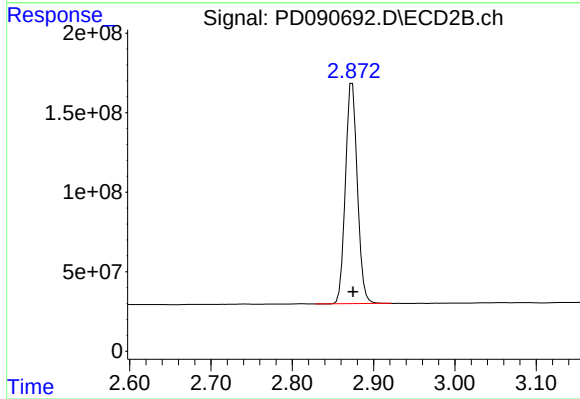
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 149528204
Conc: 48.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

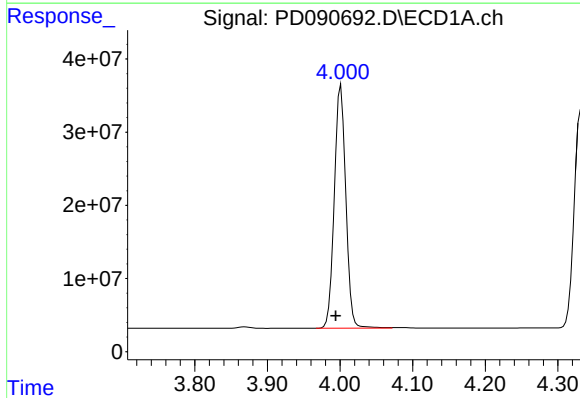
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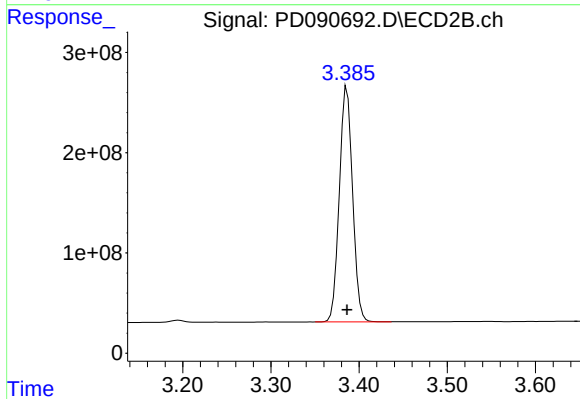
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1412730107
Conc: 47.44 ng/ml



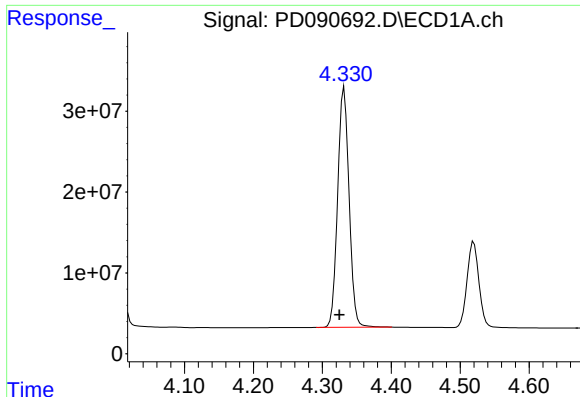
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 366179599
Conc: 51.02 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2448983891
Conc: 47.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 341831894
Conc: 50.28 ng/ml

Instrument :

ECD_D

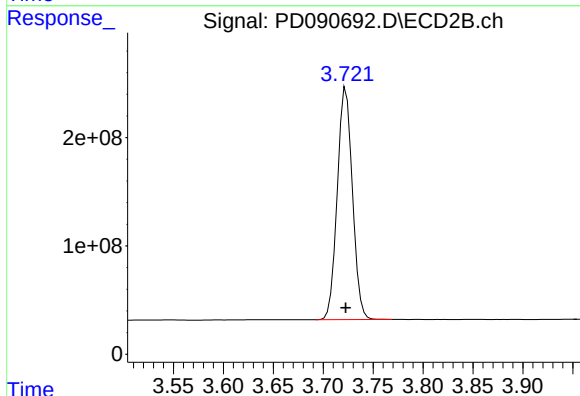
ClientSampleId :

PSTDCCC050

Manual Integrations

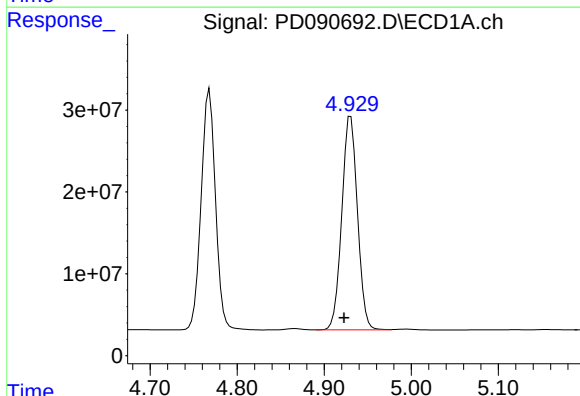
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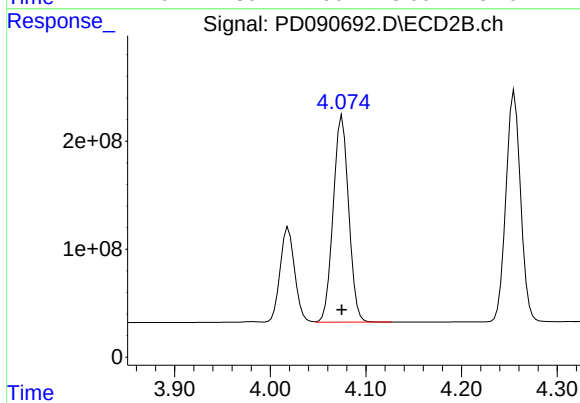
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2262982934
Conc: 47.89 ng/ml



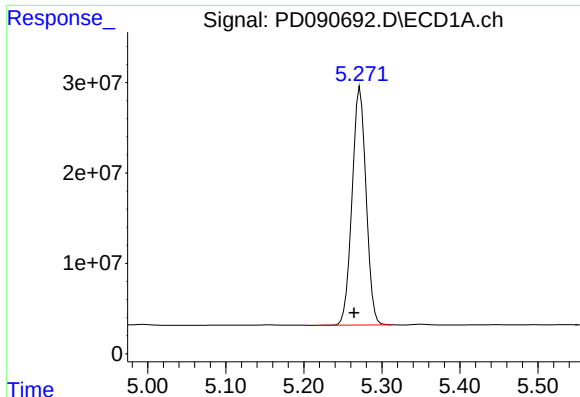
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.008 min
Response: 326342202
Conc: 58.38 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2144192731
Conc: 48.07 ng/ml



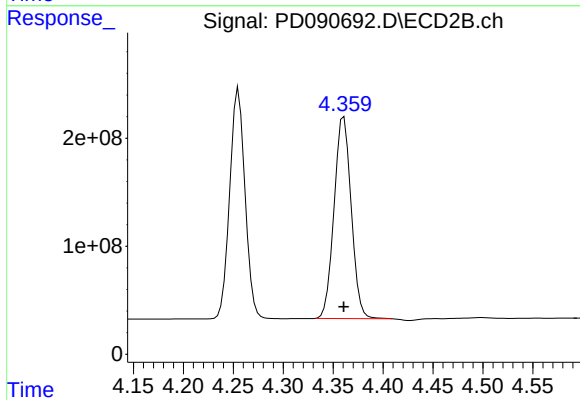
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.008 min
Response: 327416052
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

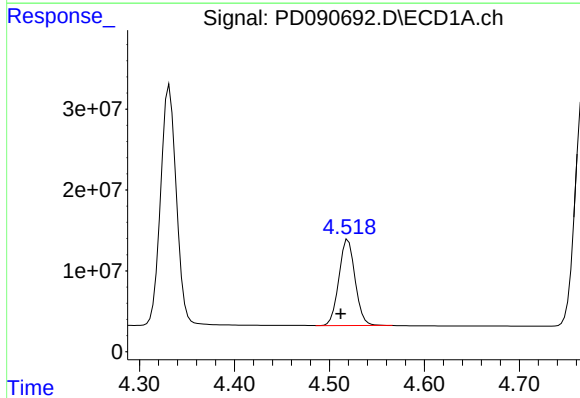
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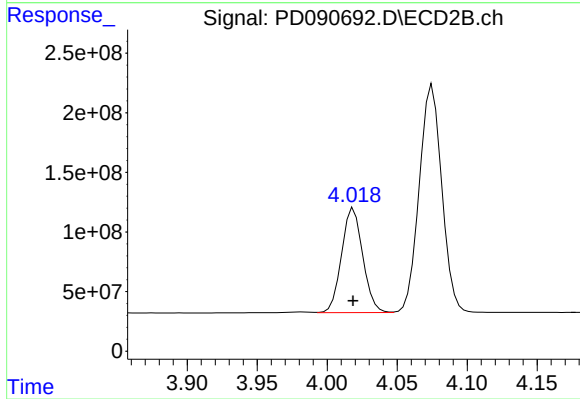
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2230641826
Conc: 48.16 ng/ml



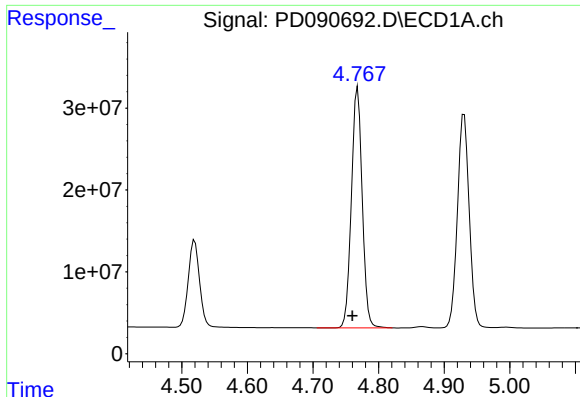
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.006 min
Response: 126710729
Conc: 48.37 ng/ml m



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 926380688
Conc: 46.72 ng/ml



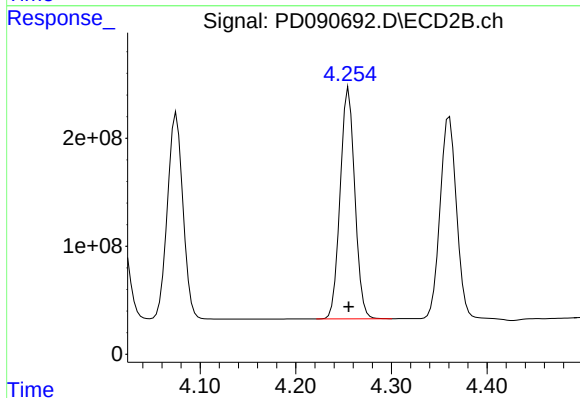
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 336297470
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

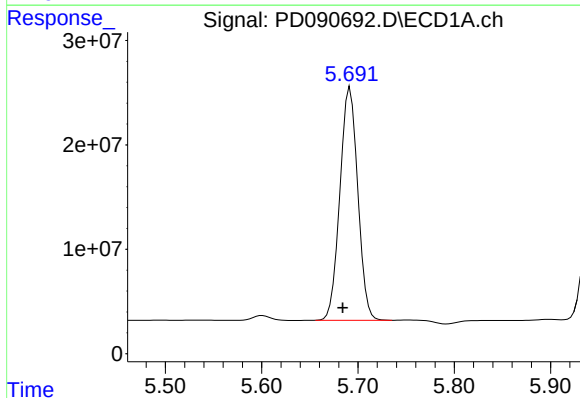
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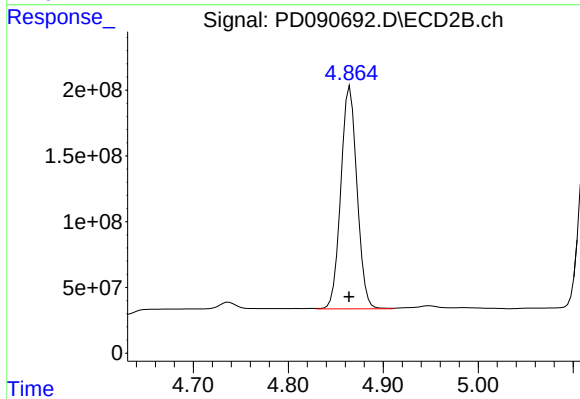
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2277679856
Conc: 47.73 ng/ml



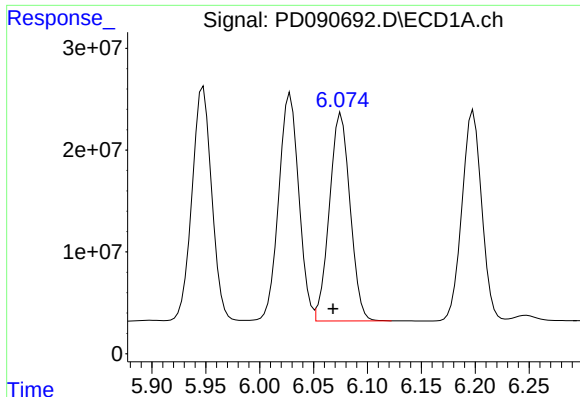
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.006 min
Response: 287514463
Conc: 49.67 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 2007986080
Conc: 47.09 ng/ml



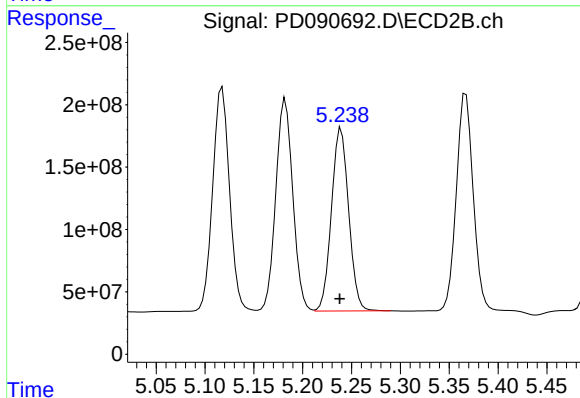
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.008 min
Response: 272338578
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

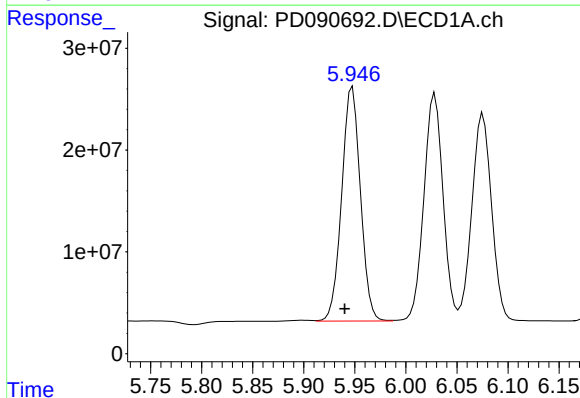
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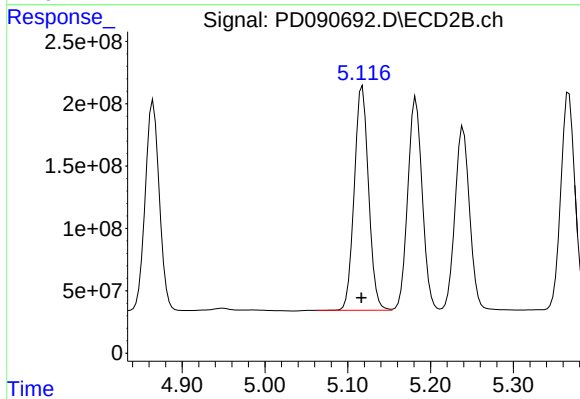
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.001 min
Response: 1800071944
Conc: 45.70 ng/ml



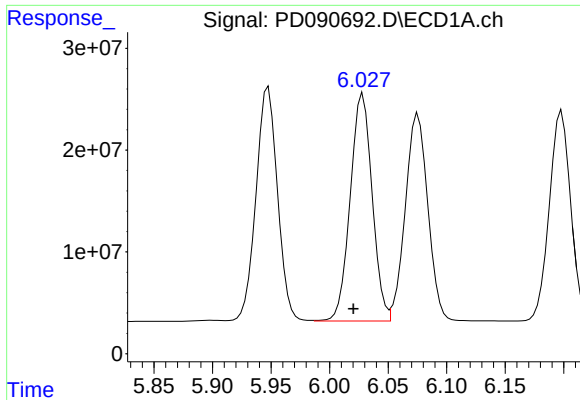
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 294141191
Conc: 49.59 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 2158169700
Conc: 48.01 ng/ml



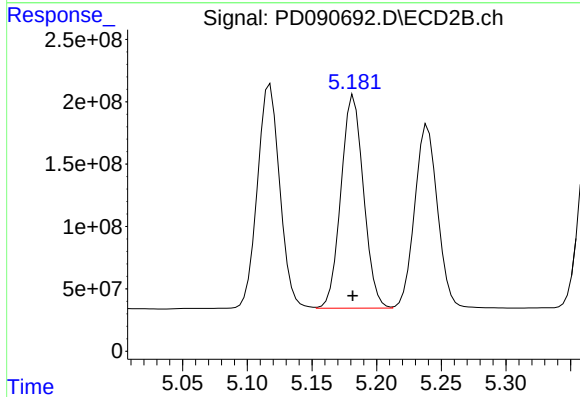
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 291358527
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

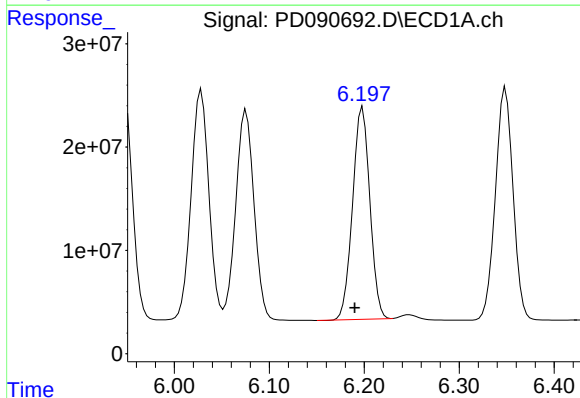
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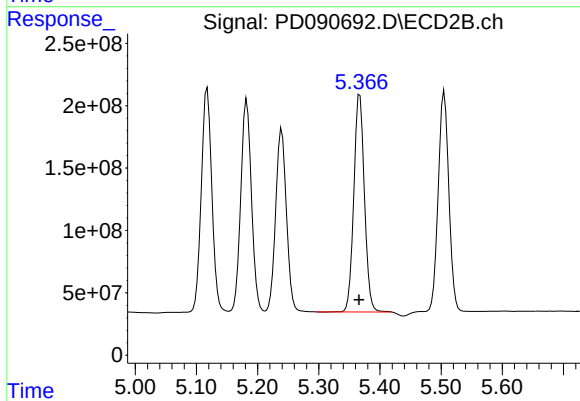
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 2067696000
Conc: 47.93 ng/ml



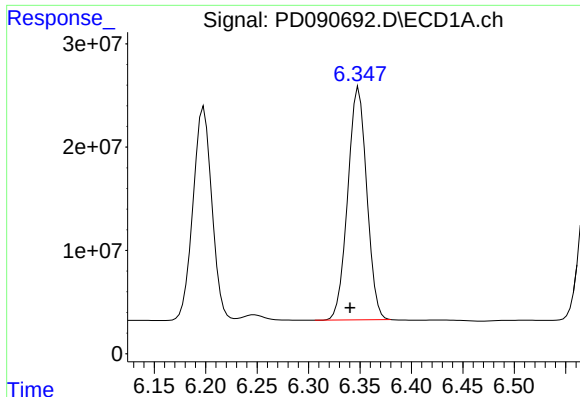
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.008 min
Response: 259638122
Conc: 48.74 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 2106930275
Conc: 48.06 ng/ml



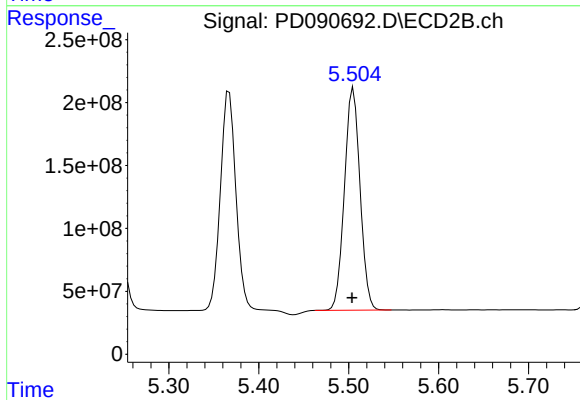
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.008 min
Response: 289637912
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

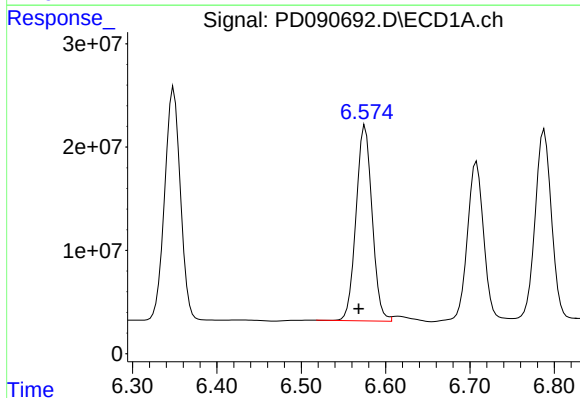
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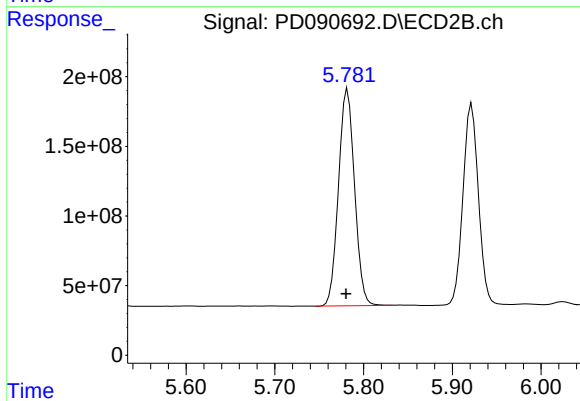
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 2129690574
Conc: 48.20 ng/ml



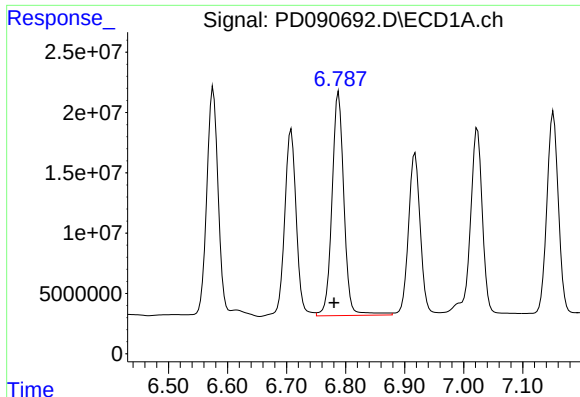
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.008 min
Response: 250096105
Conc: 50.49 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 1960977907
Conc: 48.43 ng/ml



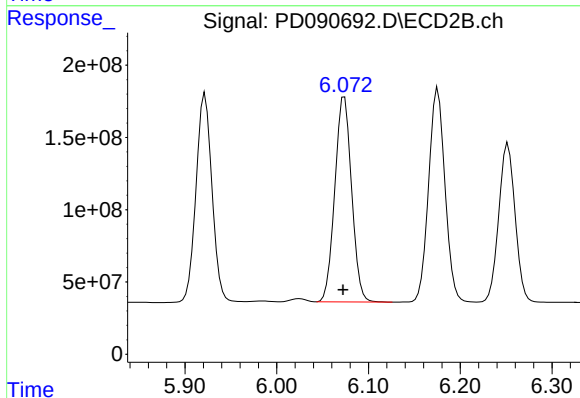
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.007 min
Response: 260450277
Conc: 52.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

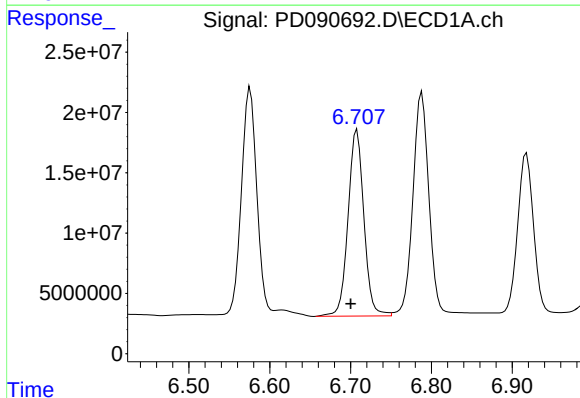
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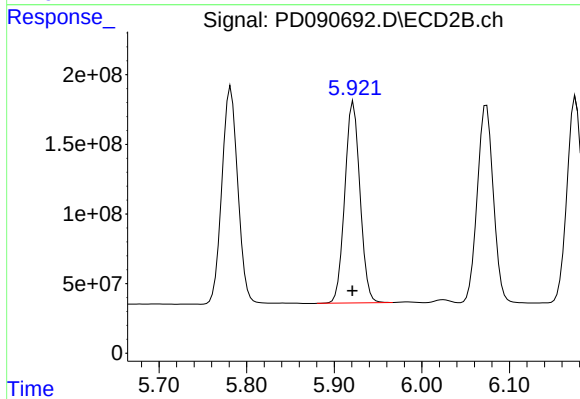
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.002 min
Response: 1808064881
Conc: 48.14 ng/ml



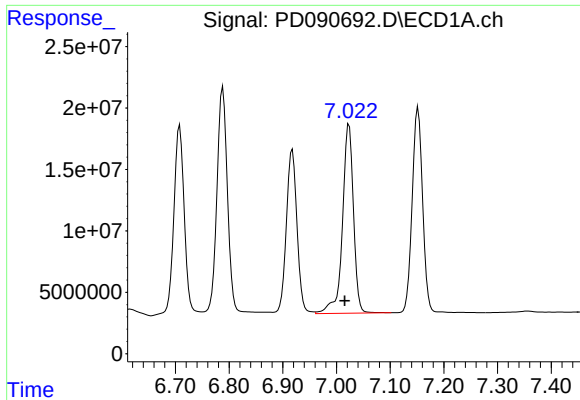
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.008 min
Response: 210596853
Conc: 51.95 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.001 min
Response: 1743431710
Conc: 47.85 ng/ml



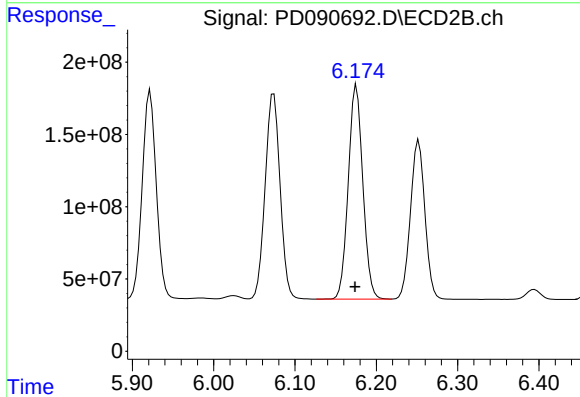
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.008 min
Response: 220200530
Conc: 53.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

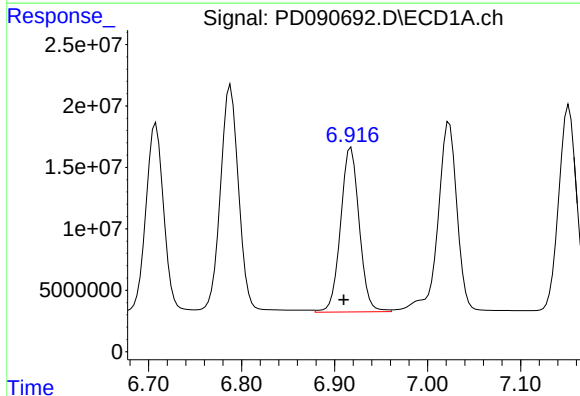
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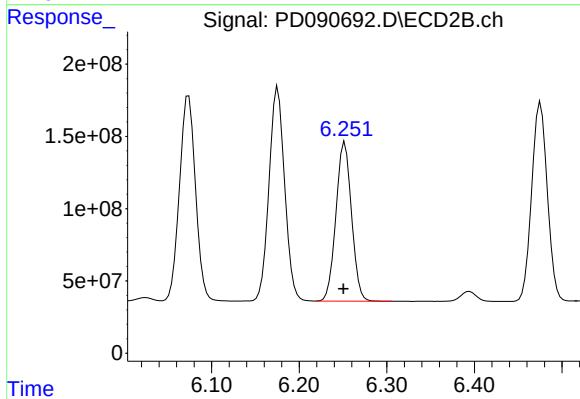
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 1837582056
Conc: 52.39 ng/ml



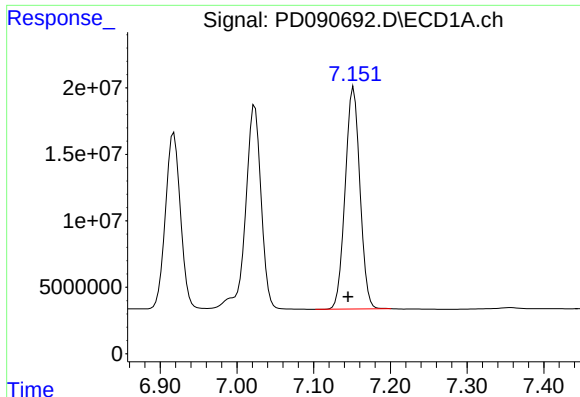
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.008 min
Response: 186352241
Conc: 50.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 1360934888
Conc: 49.14 ng/ml



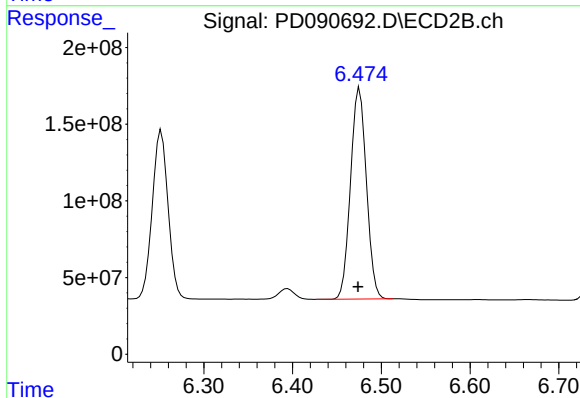
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.007 min
Response: 224075907
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

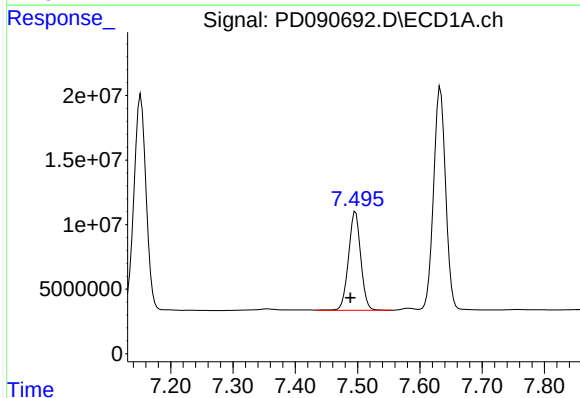
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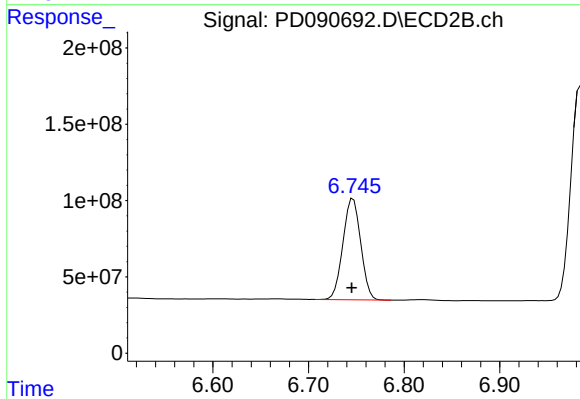
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.002 min
Response: 1709277787
Conc: 47.69 ng/ml



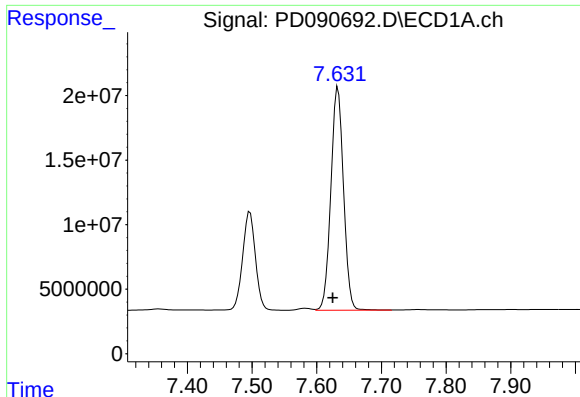
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.008 min
Response: 105459900
Conc: 49.61 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 858619724
Conc: 49.27 ng/ml



#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.008 min
Response: 233967349
Conc: 48.15 ng/ml

Instrument :

ECD_D

ClientSampleId :

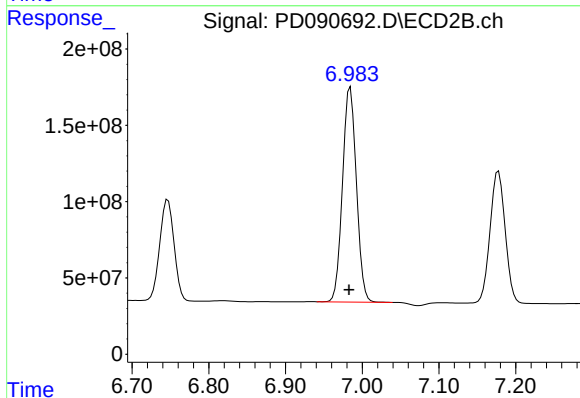
PSTDCCC050

Manual Integrations

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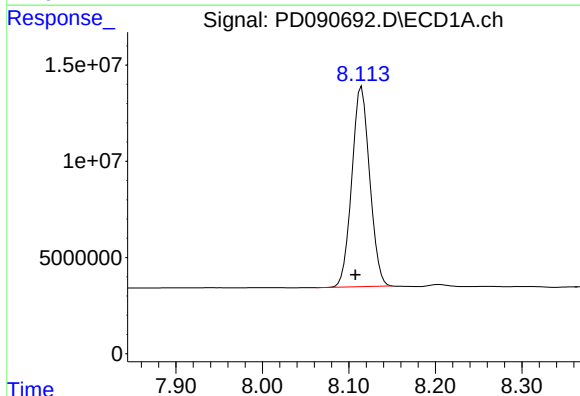
Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025



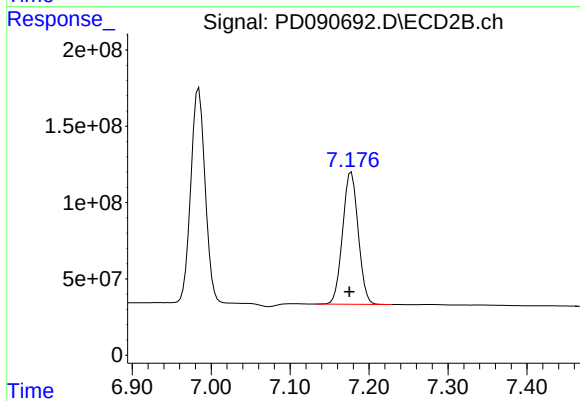
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.002 min
Response: 1776921564
Conc: 47.11 ng/ml



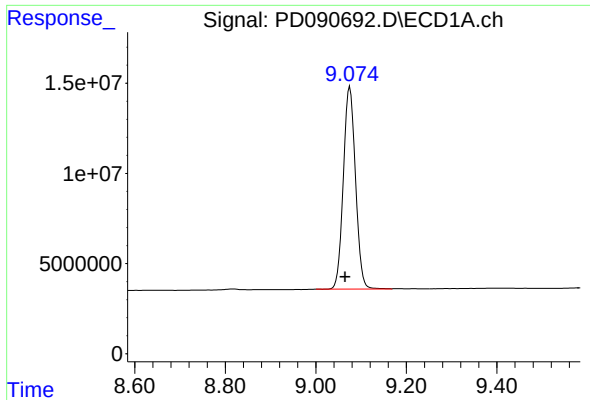
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.007 min
Response: 148994111
Conc: 46.55 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 1188689966
Conc: 46.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.011 min
Response: 209437965
Conc: 44.77 ng/ml

Instrument :

ECD_D

ClientSampleId :

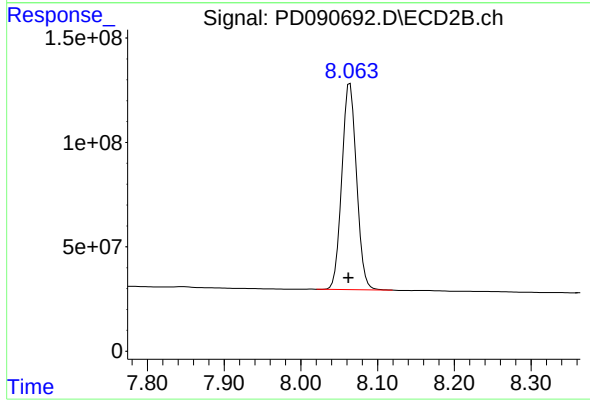
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 1319677711
Conc: 43.57 ng/ml