

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
 Data File : PD090387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 11:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:44:18 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...	3.552	2.875	130.7E6	1121.0E6	40.213m	40.837
28)	SA Decachlor...	9.076	8.065	203.5E6	1432.2E6	42.175	44.184
Target Compounds							
2)	A alpha-BHC	4.003	3.388	292.6E6	1813.6E6	41.892	41.422
3)	MA gamma-BHC...	4.334	3.724	275.4E6	1689.6E6	41.617	41.477
4)	MA Heptachlor	4.932	4.077	278.6E6	1734.7E6	42.134	42.605
5)	MB Aldrin	5.274	4.363	263.7E6	1666.8E6	41.534	41.739
6)	B beta-BHC	4.521	4.019	105.7E6	725.8E6	40.987	41.867m
7)	B delta-BHC	4.768	4.257	278.2E6	1724.6E6	43.088m	41.764
8)	B Heptachlo...	5.694	4.867	235.3E6	1535.2E6	41.179	41.645
9)	A Endosulfan I	6.078	5.241	223.4E6	1455.8E6	41.354	42.068
10)	B gamma-Chl...	5.950	5.120	237.6E6	1652.2E6	41.605	42.054
11)	B alpha-Chl...	6.030	5.184	237.5E6	1585.4E6	41.226	42.091
12)	B 4,4'-DDE	6.199	5.369	217.0E6	1610.8E6	41.669	42.080
13)	MA Dieldrin	6.350	5.507	239.5E6	1639.7E6	41.552	42.102
14)	MA Endrin	6.578	5.784	202.8E6	1455.2E6	41.444	40.610
15)	B Endosulfa...	6.790	6.075	209.3E6	1434.8E6	42.903	42.512
16)	A 4,4'-DDD	6.709	5.924	172.7E6	1365.5E6	42.136	42.109
17)	MA 4,4'-DDT	7.024	6.177	187.1E6	1465.1E6	42.023	42.617
18)	B Endrin al...	6.919	6.253	145.2E6	1009.6E6	42.332	42.878
19)	B Endosulfa...	7.154	6.476	190.8E6	1375.9E6	41.466	42.090
20)	A Methoxychlor	7.498	6.747	97370764	713.6E6	41.320	41.010
21)	B Endrin ke...	7.634	6.985	208.4E6	1543.4E6	42.132	42.750
22)	Mirex	8.115	7.179	151.3E6	1179.3E6	40.838m	42.720

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
Data File : PD090387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 11:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

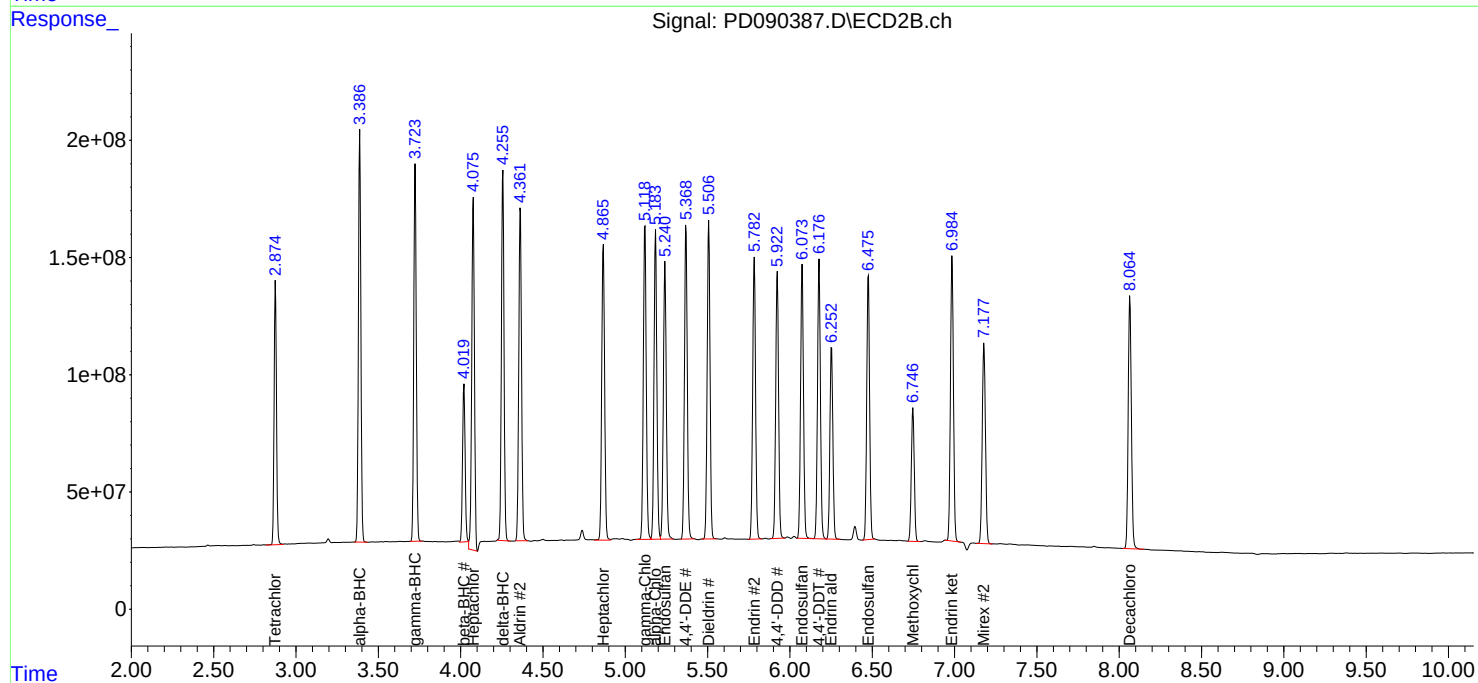
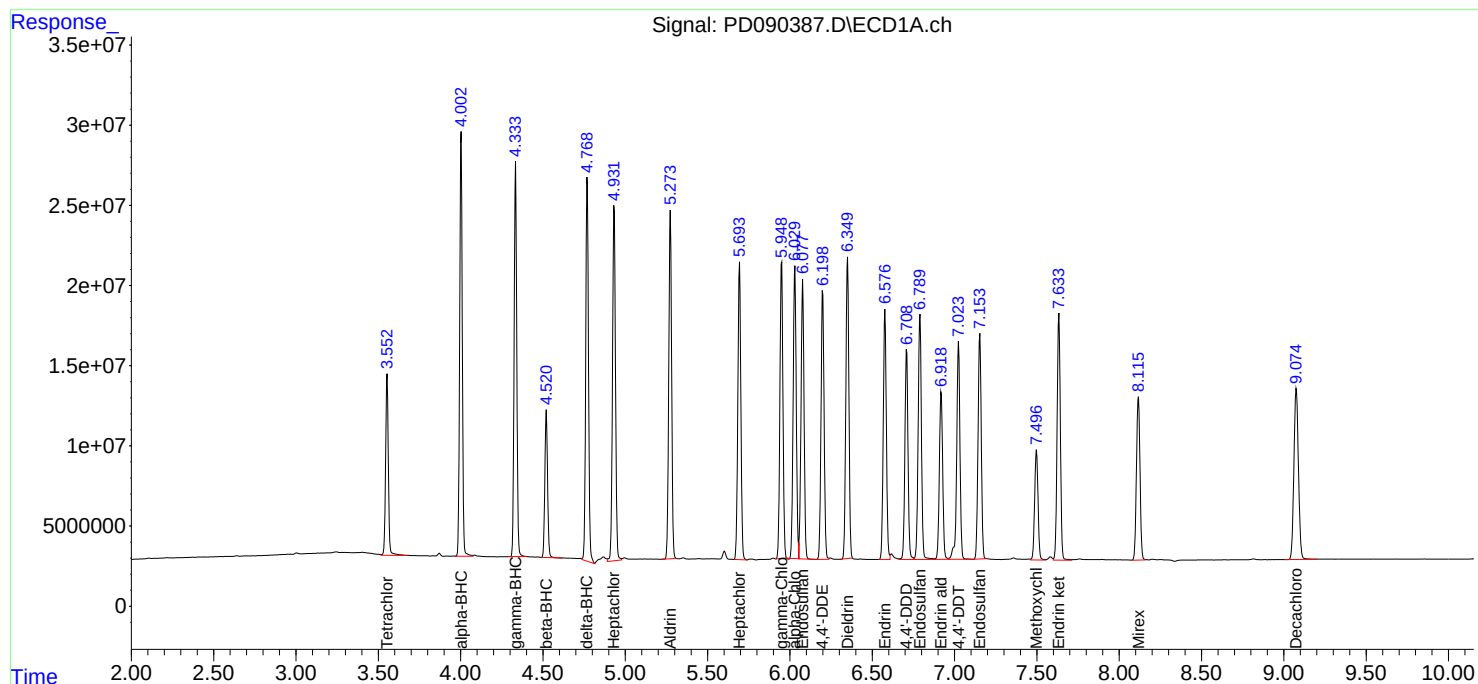
Manual Integrations

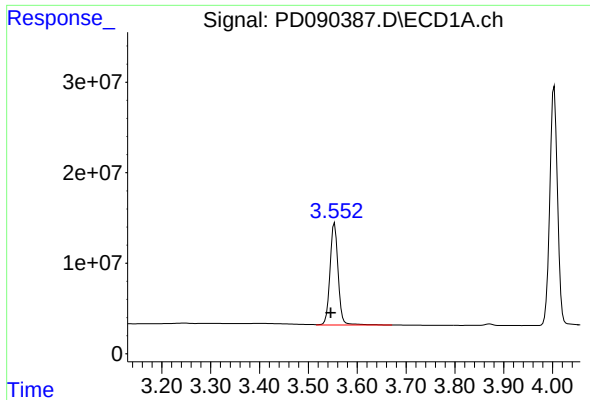
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Supervised By :Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:44:18 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.: 3.552 min
Delta R.T.: 0.006 min
Response: 130709391
Conc: 40.21 ng/ml

Instrument :

ECD_D

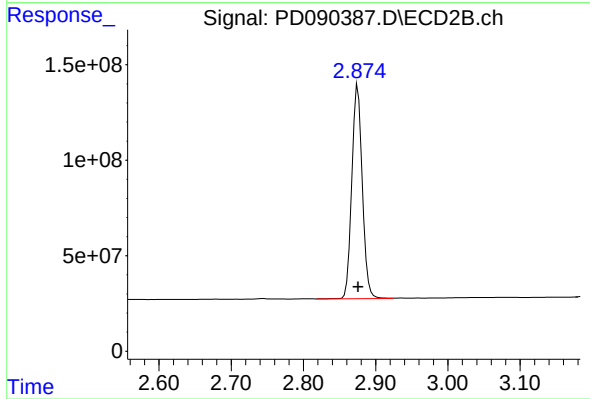
ClientSampleId :

PSTDCCC050

Manual Integrations

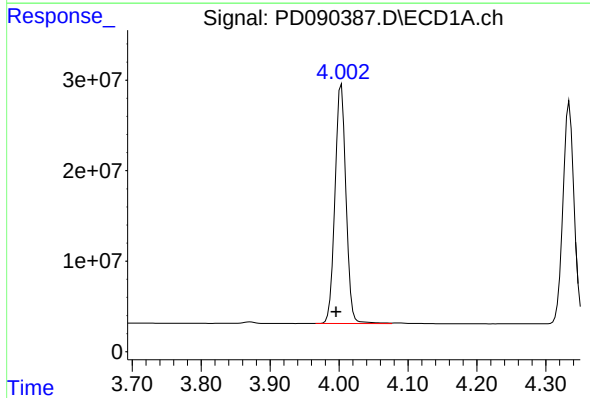
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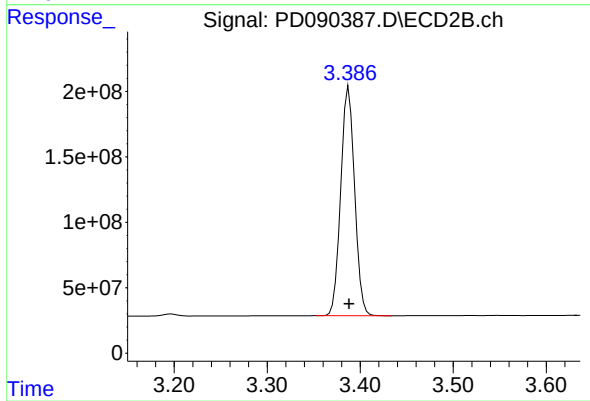
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1120969893
Conc: 40.84 ng/ml



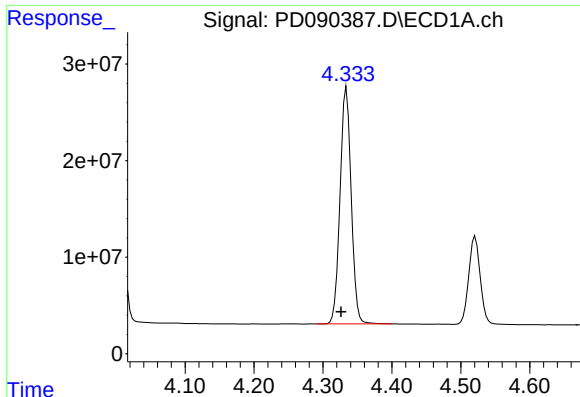
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.008 min
Response: 292595349
Conc: 41.89 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 1813574720
Conc: 41.42 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.008 min
Response: 275377687
Conc: 41.62 ng/ml

Instrument :

ECD_D

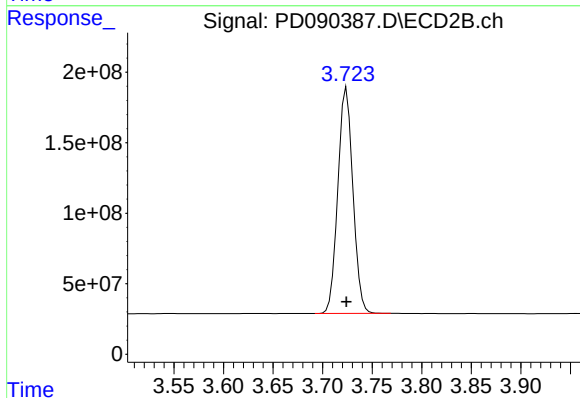
ClientSampleId :

PSTDCCC050

Manual Integrations

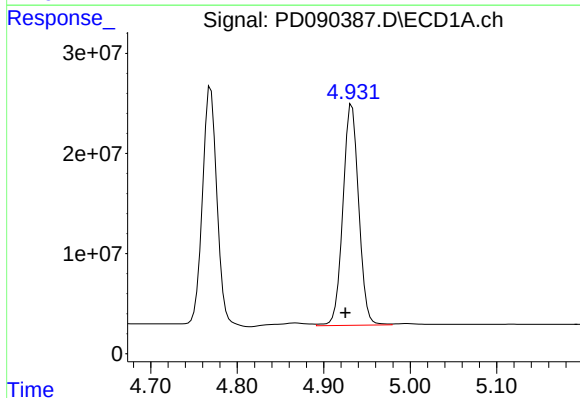
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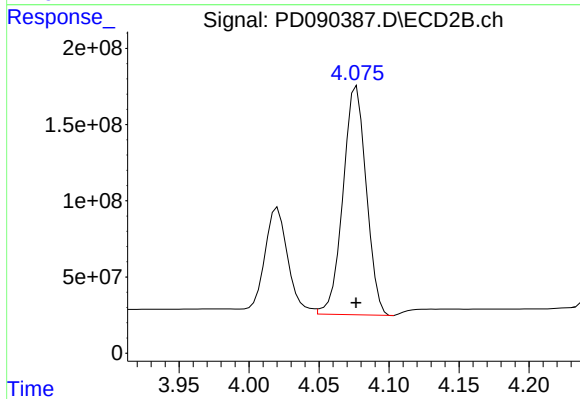
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 1689580329
Conc: 41.48 ng/ml



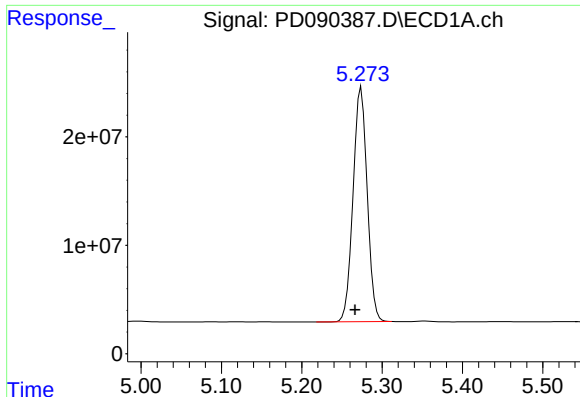
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.007 min
Response: 278611519
Conc: 42.13 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1734737796
Conc: 42.60 ng/ml



#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.008 min
Response: 263740047
Conc: 41.53 ng/ml

Instrument :

ECD_D

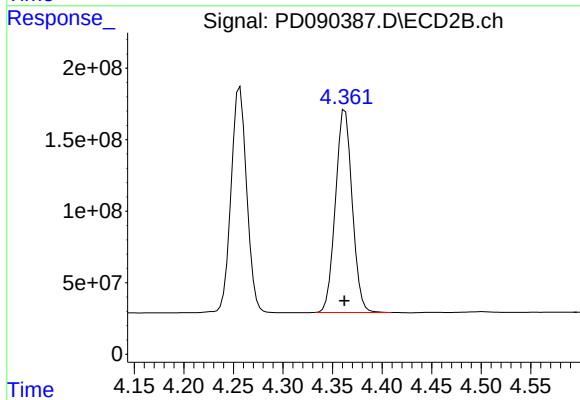
ClientSampleId :

PSTDCCC050

Manual Integrations

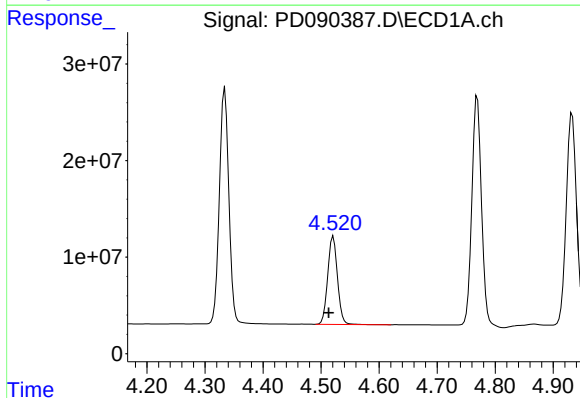
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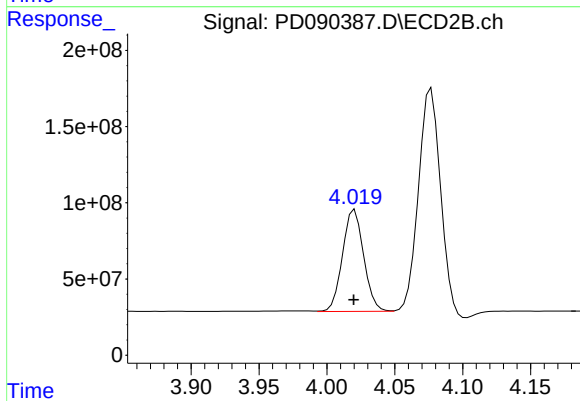
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1666837323
Conc: 41.74 ng/ml



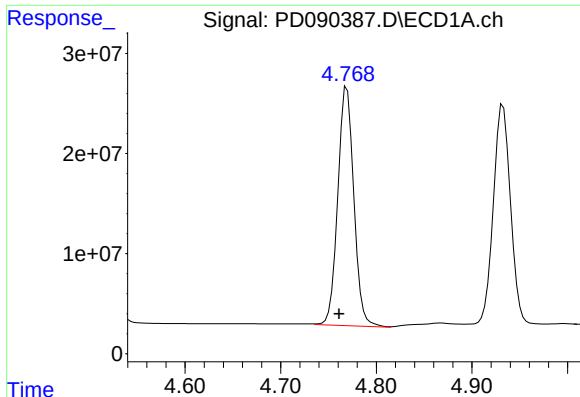
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.008 min
Response: 105743781
Conc: 40.99 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 725774802
Conc: 41.87 ng/ml m



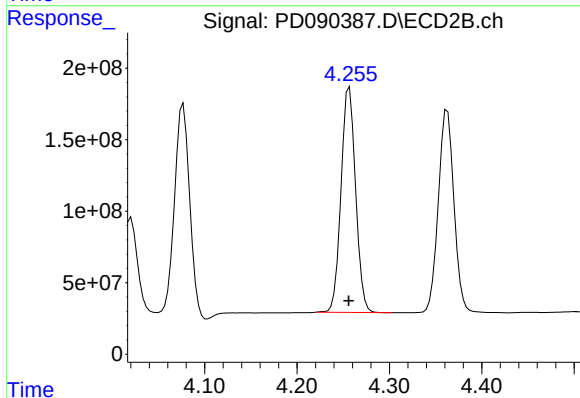
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.007 min
Response: 278243789
Conc: 43.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

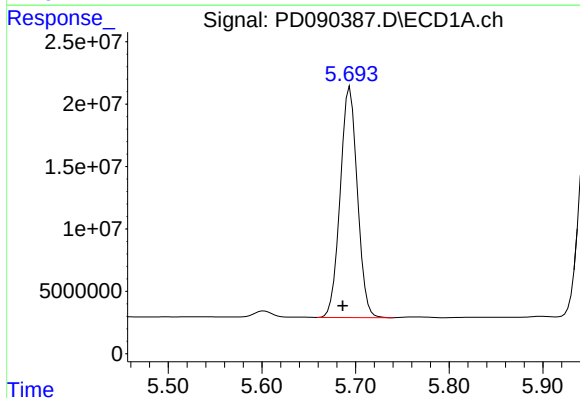
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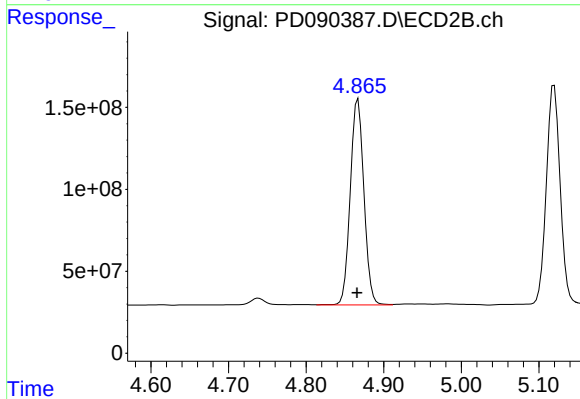
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1724628781
Conc: 41.76 ng/ml



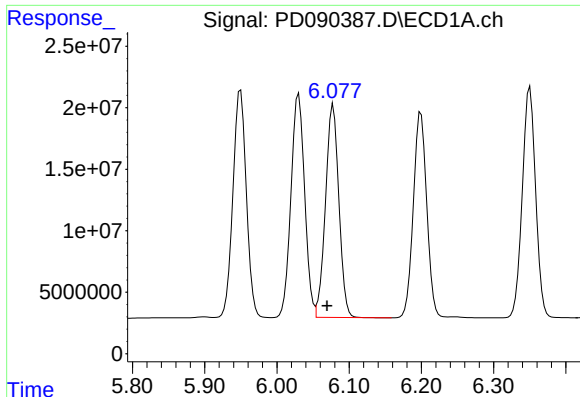
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.008 min
Response: 235333599
Conc: 41.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.001 min
Response: 1535228620
Conc: 41.64 ng/ml



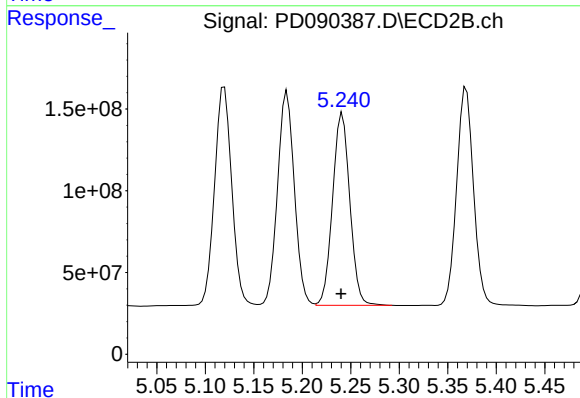
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.008 min
Response: 223372114
Conc: 41.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

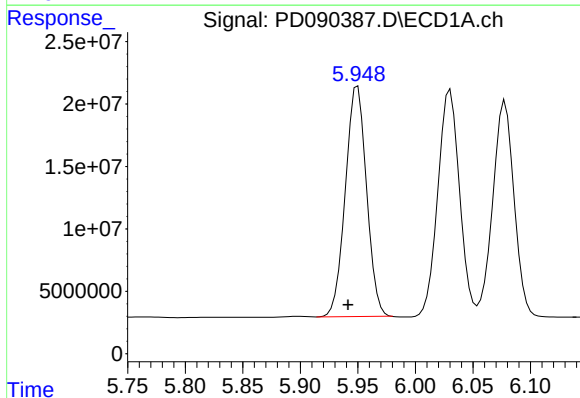
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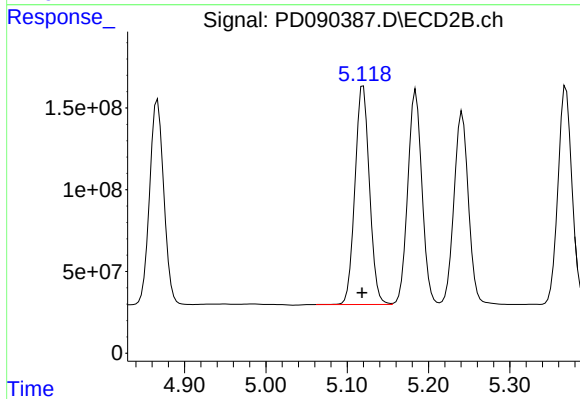
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.002 min
Response: 1455775310
Conc: 42.07 ng/ml



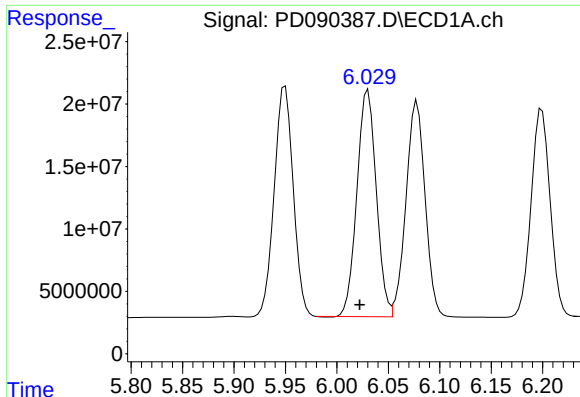
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.008 min
Response: 237647521
Conc: 41.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.001 min
Response: 1652157357
Conc: 42.05 ng/ml



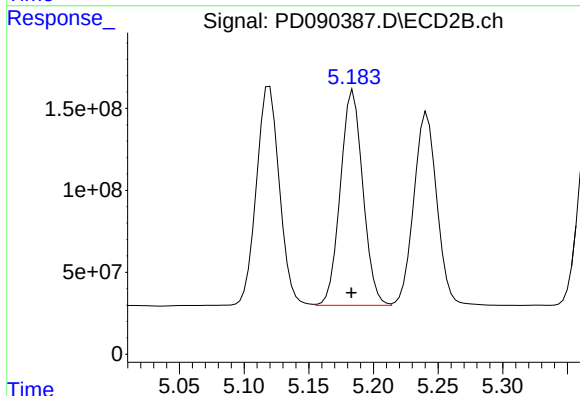
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.008 min
Response: 237497315
Conc: 41.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

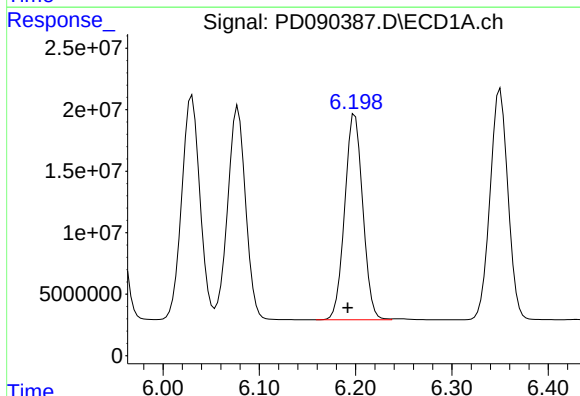
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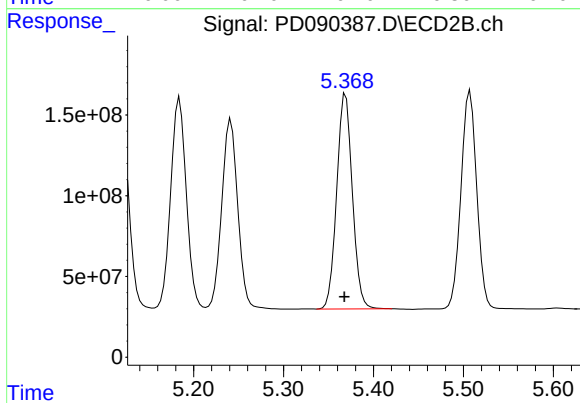
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.001 min
Response: 1585384313
Conc: 42.09 ng/ml



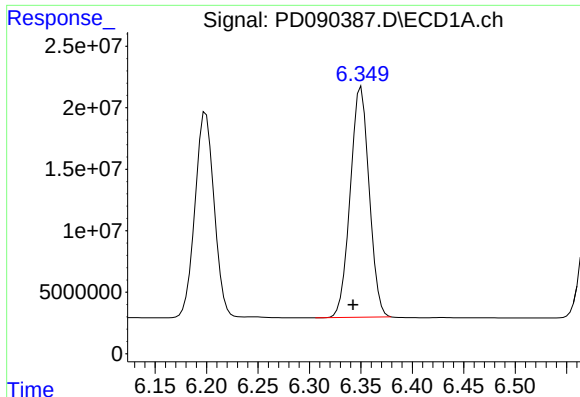
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.007 min
Response: 216989887
Conc: 41.67 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.001 min
Response: 1610798780
Conc: 42.08 ng/ml



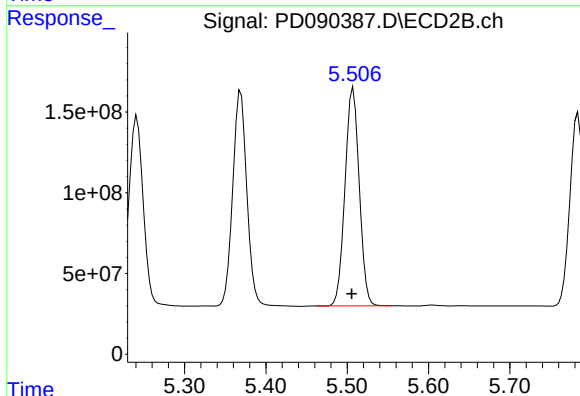
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.008 min
Response: 239534145
Conc: 41.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

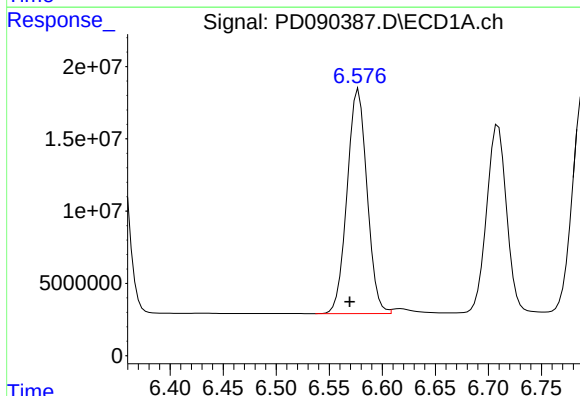
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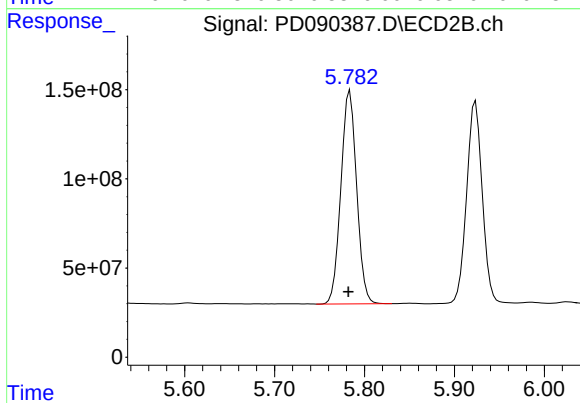
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 1639712841
Conc: 42.10 ng/ml



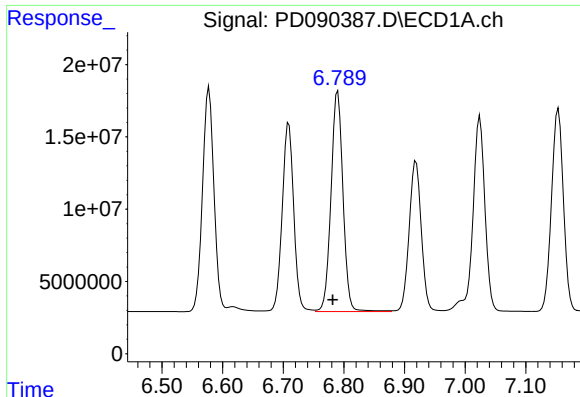
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.008 min
Response: 202823358
Conc: 41.44 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.002 min
Response: 1455153926
Conc: 40.61 ng/ml



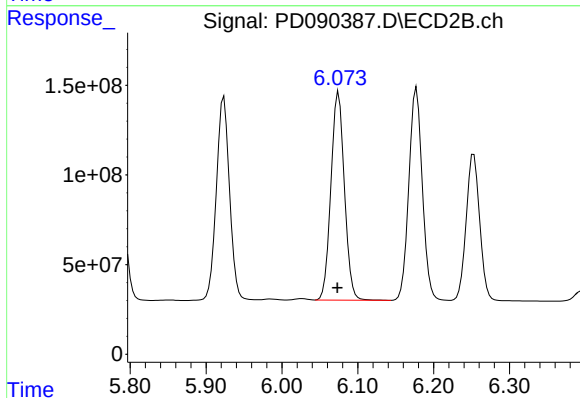
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.008 min
Response: 209273834
Conc: 42.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

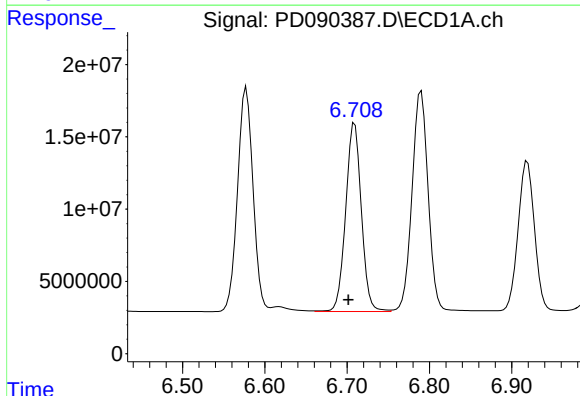
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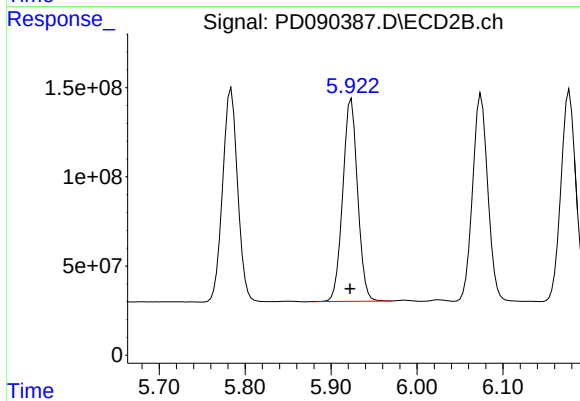
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 1434818698
Conc: 42.51 ng/ml



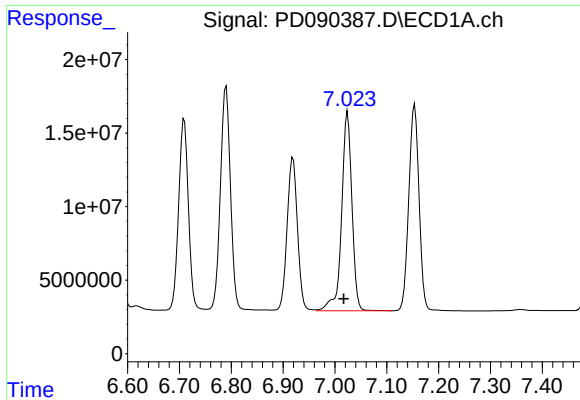
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.008 min
Response: 172666460
Conc: 42.14 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.001 min
Response: 1365513504
Conc: 42.11 ng/ml



#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.007 min
Response: 187104849
Conc: 42.02 ng/ml

Instrument :

ECD_D

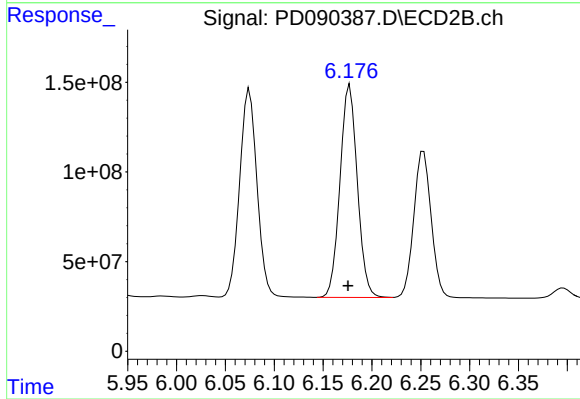
ClientSampleId :

PSTDCCC050

Manual Integrations

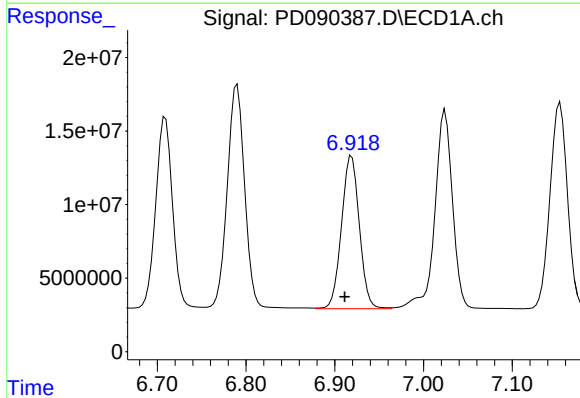
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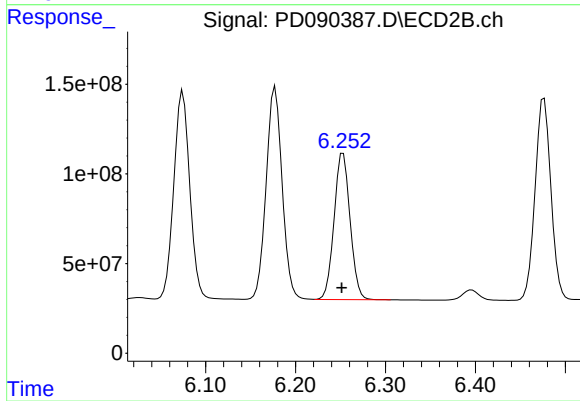
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 1465117345
Conc: 42.62 ng/ml



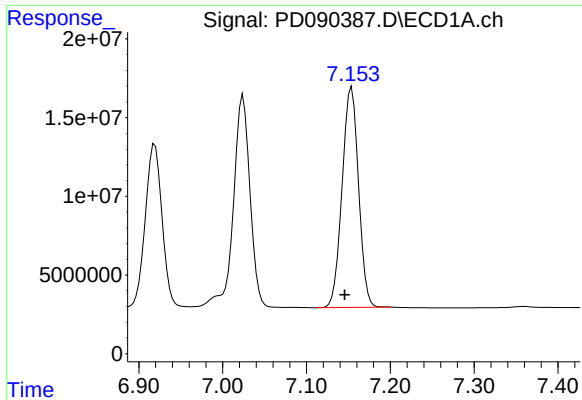
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 145225065
Conc: 42.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.001 min
Response: 1009629507
Conc: 42.88 ng/ml



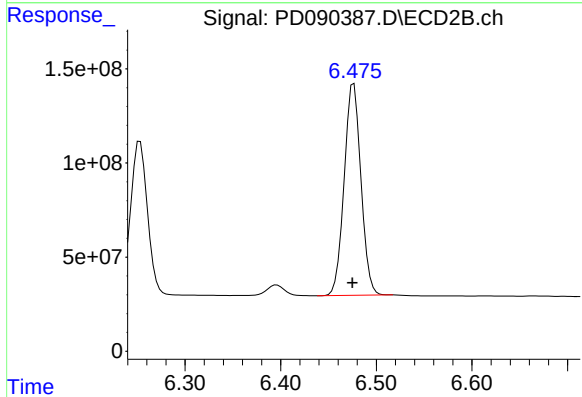
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.008 min
Response: 190756759
Conc: 41.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

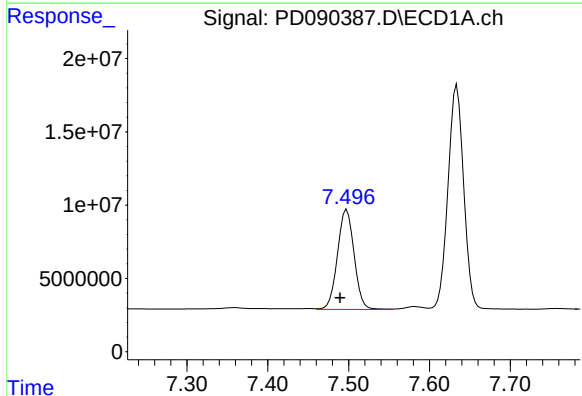
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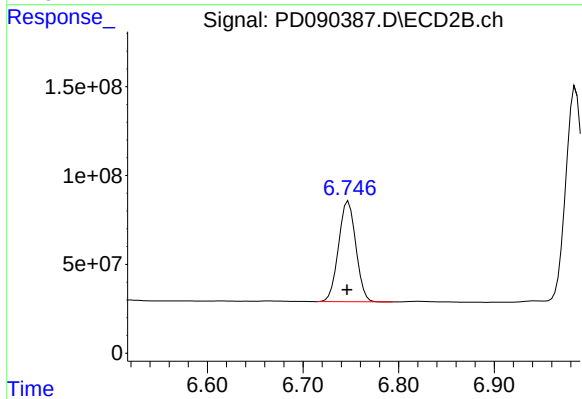
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.001 min
Response: 1375947240
Conc: 42.09 ng/ml



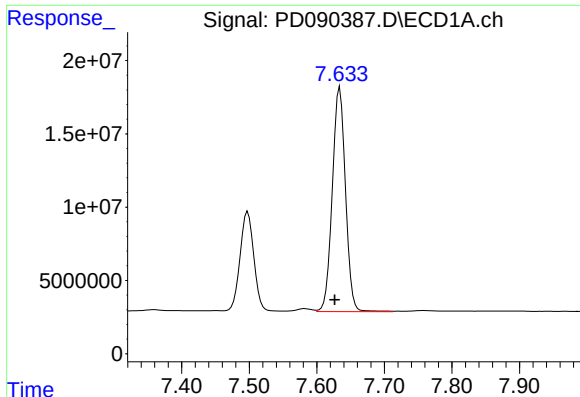
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.008 min
Response: 97370764
Conc: 41.32 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 713596927
Conc: 41.01 ng/ml



#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.007 min
Response: 208444632
Conc: 42.13 ng/ml

Instrument :

ECD_D

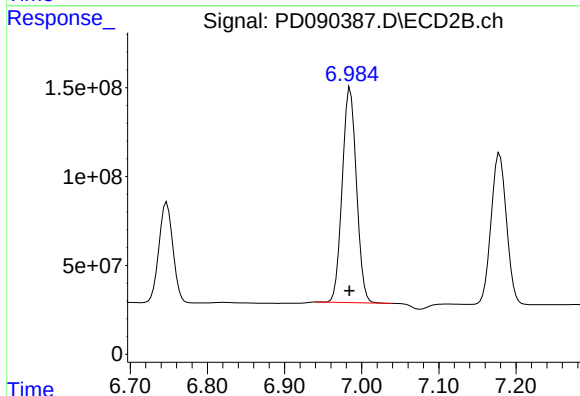
ClientSampleId :

PSTDCCC050

Manual Integrations

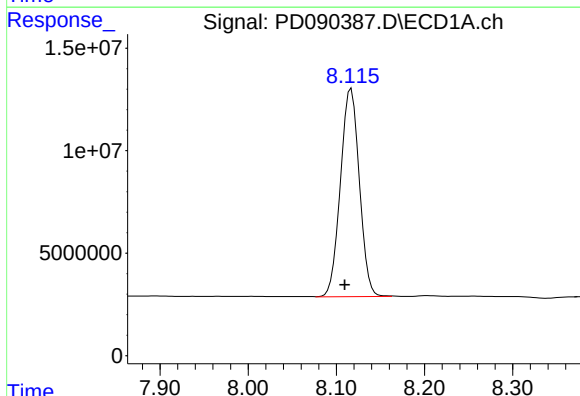
APPROVED

Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



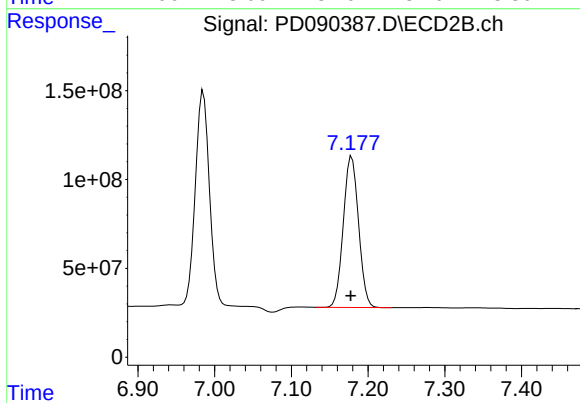
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1543381830
Conc: 42.75 ng/ml



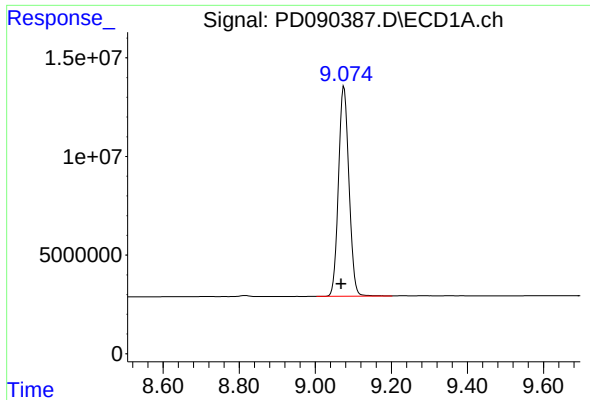
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.006 min
Response: 151297930
Conc: 40.84 ng/ml m



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.001 min
Response: 1179325927
Conc: 42.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.008 min
Response: 203495445
Conc: 42.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

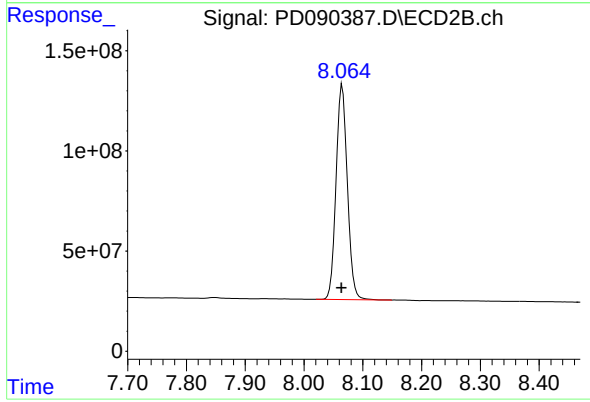
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.001 min
Response: 1432206104
Conc: 44.18 ng/ml