

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
 Data File : PD090403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 19:02
 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 05:47:32 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...	3.547	2.876	152.8E6	1300.3E6	47.008	47.369
28)	SA Decachlor...	9.069	8.064	213.6E6	1314.8E6	44.275	40.563
Target Compounds							
2)	A alpha-BHC	3.997	3.388	349.3E6	2134.6E6	50.007	48.754
3)	MA gamma-BHC...	4.328	3.725	326.5E6	1974.8E6	49.346	48.478
4)	MA Heptachlor	4.925	4.077	310.3E6	1981.8E6	46.924m	48.674
5)	MB Aldrin	5.267	4.363	304.4E6	1929.1E6	47.944	48.306
6)	B beta-BHC	4.514	4.021	122.6E6	918.0E6	47.508	52.956
7)	B delta-BHC	4.762	4.257	326.4E6	2007.9E6	50.544m	48.623
8)	B Heptachlo...	5.688	4.866	269.8E6	1758.2E6	47.213	47.692
9)	A Endosulfan I	6.072	5.240	252.3E6	1614.4E6	46.704	46.652
10)	B gamma-Chl...	5.943	5.119	267.4E6	1852.8E6	46.809	47.161
11)	B alpha-Chl...	6.024	5.184	271.2E6	1775.6E6	47.078	47.141
12)	B 4,4'-DDE	6.193	5.368	244.7E6	1804.5E6	46.980	47.142
13)	MA Dieldrin	6.344	5.506	272.3E6	1832.3E6	47.240	47.048
14)	MA Endrin	6.571	5.781	224.1E6	1640.1E6	45.787	45.770m
15)	B Endosulfa...	6.784	6.074	215.1E6	1556.1E6	44.094	46.106
16)	A 4,4'-DDD	6.703	5.923	203.8E6	1579.9E6	49.723	48.720
17)	MA 4,4'-DDT	7.019	6.176	180.3E6	1386.1E6	40.488	40.320
18)	B Endrin al...	6.913	6.252	147.1E6	1032.6E6	42.882	43.853
19)	B Endosulfa...	7.147	6.475	205.9E6	1458.3E6	44.750	44.611
20)	A Methoxychlor	7.490	6.747	96360180	685.8E6	40.891m	39.412
21)	B Endrin ke...	7.627	6.985	224.0E6	1592.1E6	45.283m	44.098
22)	Mirex	8.109	7.178	161.4E6	1135.1E6	43.572m	41.117

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
Data File : PD090403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 19:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

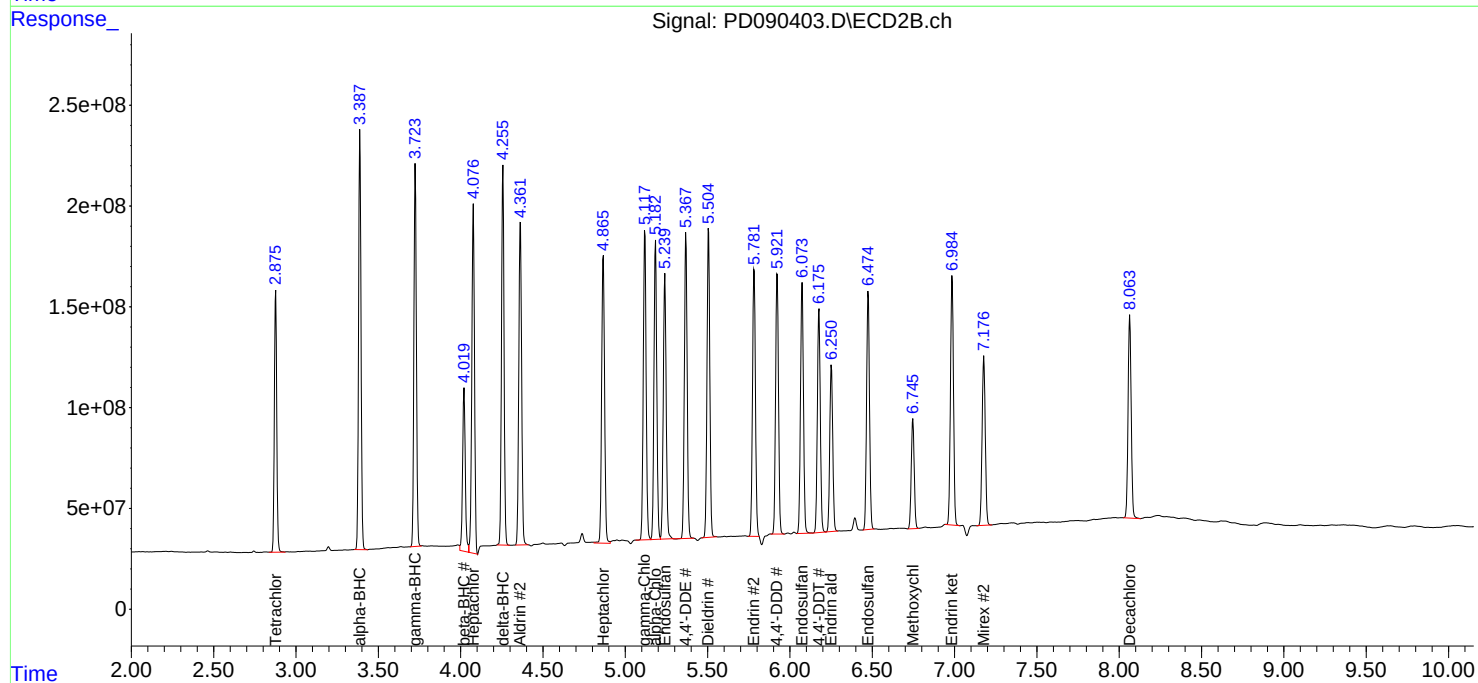
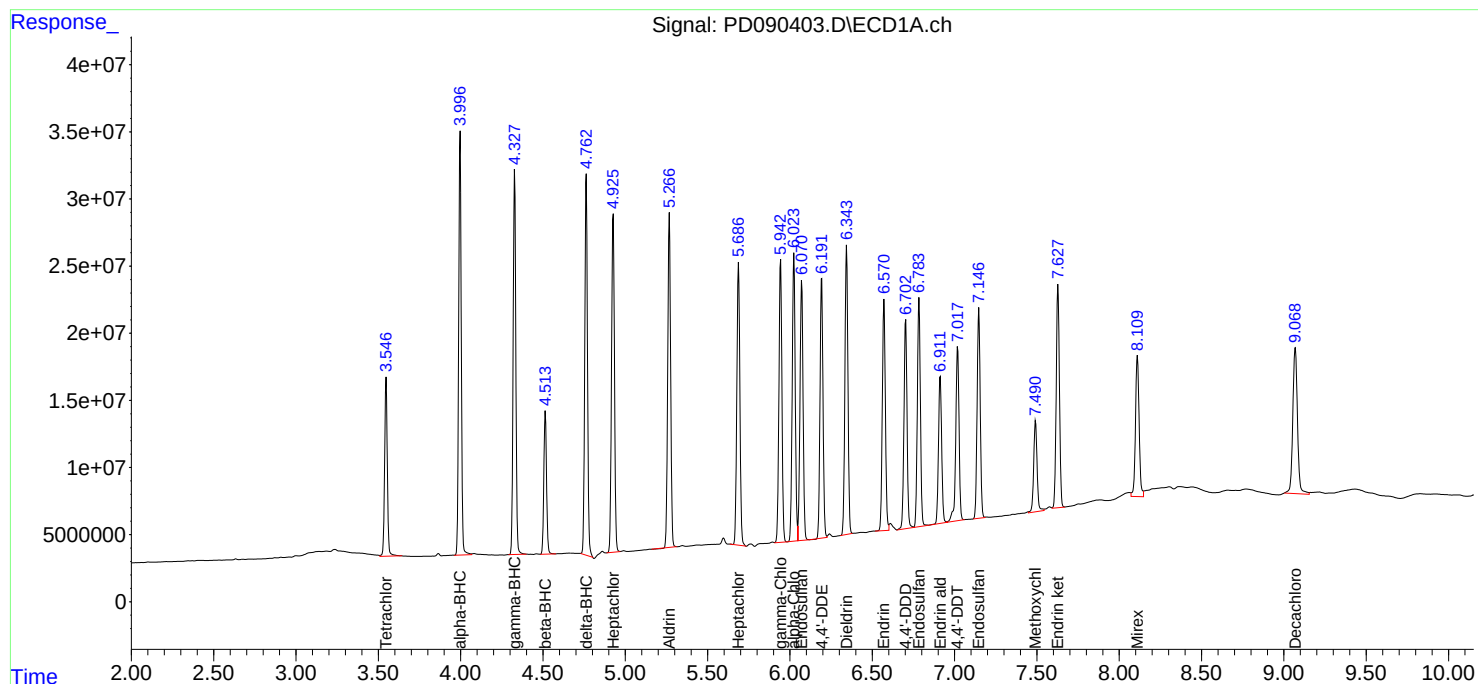
APPROVED

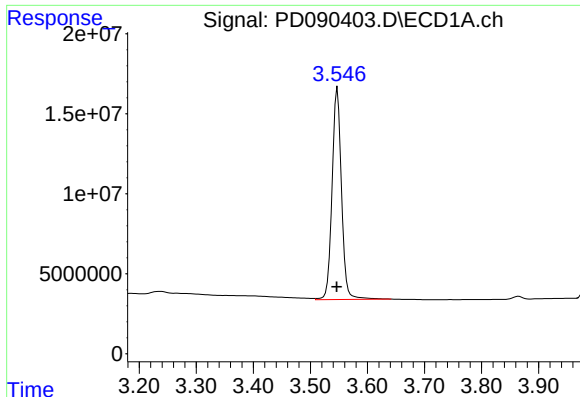
Reviewed By :Abdul Mirza 09/26/2025

Supervised By :Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:47:32 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.: 3.547 min
Delta R.T.: 0.001 min
Response: 152797568
Conc: 47.01 ng/ml

Instrument :

ECD_D

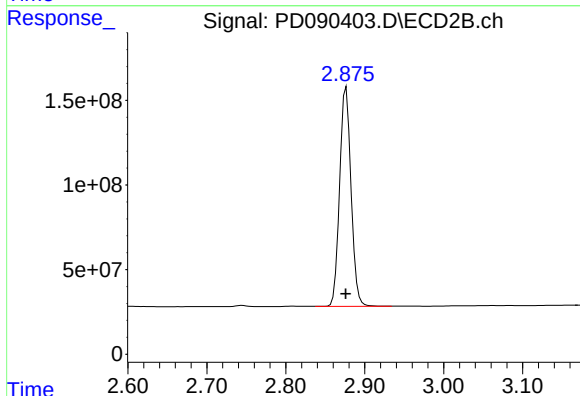
ClientSampleId :

PSTDCCC050

Manual Integrations

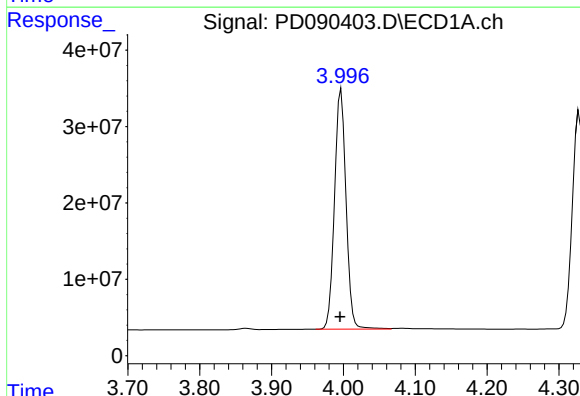
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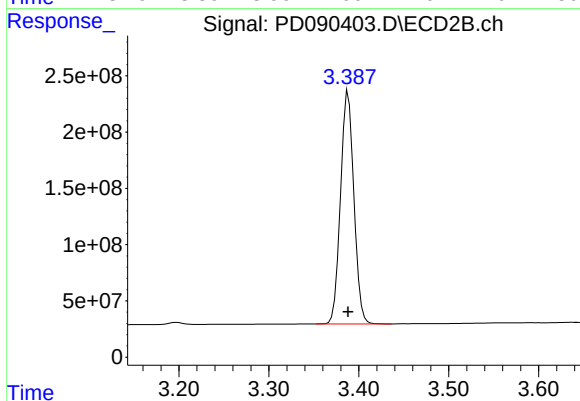
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 1300278676
Conc: 47.37 ng/ml



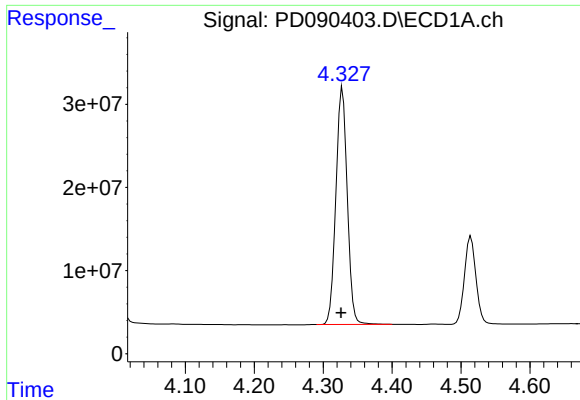
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 349275345
Conc: 50.01 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 2134590568
Conc: 48.75 ng/ml



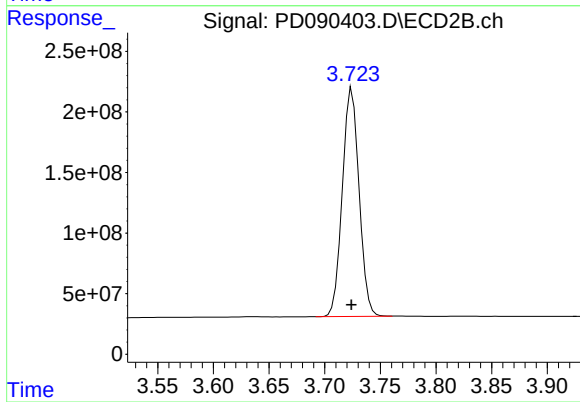
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.002 min
Response: 326515883
Conc: 49.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

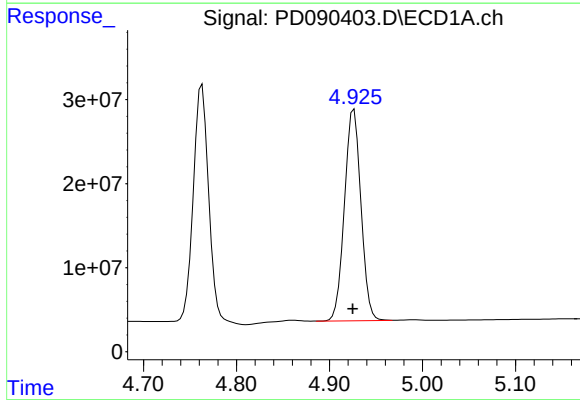
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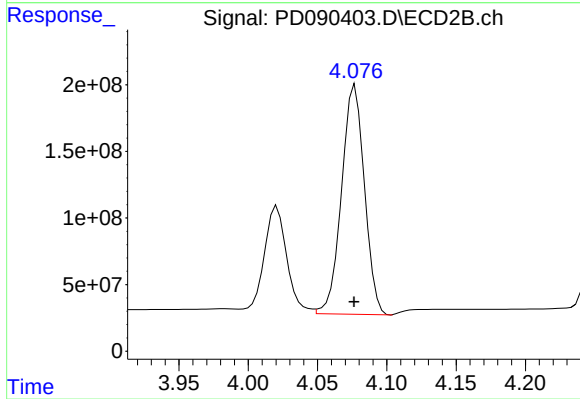
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1974758681
Conc: 48.48 ng/ml



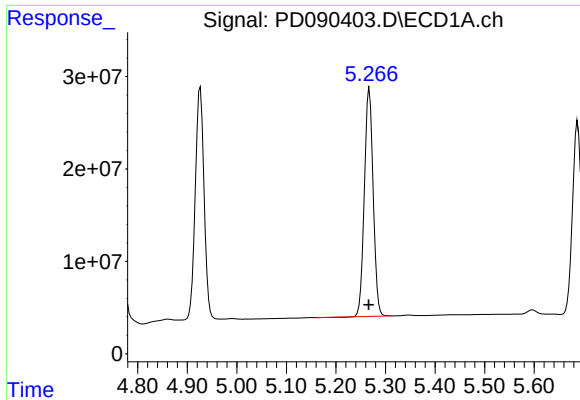
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 310289830
Conc: 46.92 ng/ml m



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1981839380
Conc: 48.67 ng/ml



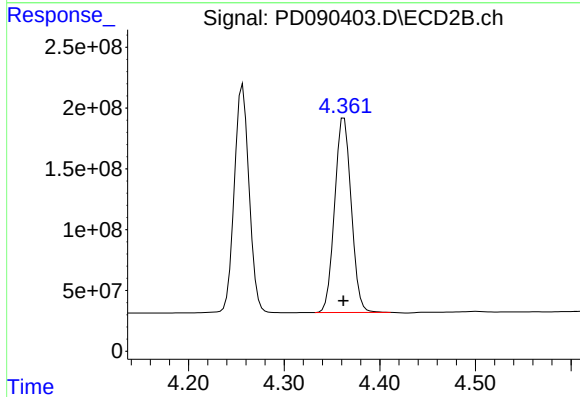
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.001 min
Response: 304439824
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

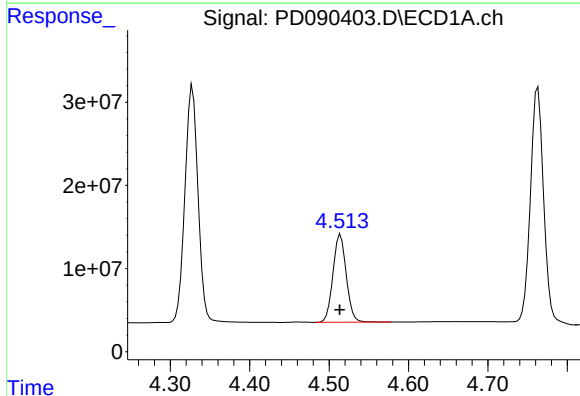
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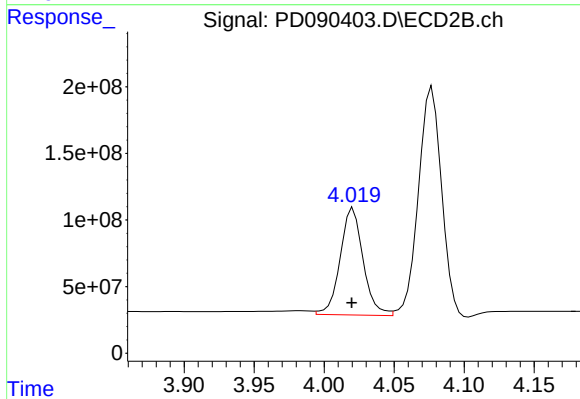
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1929095669
Conc: 48.31 ng/ml



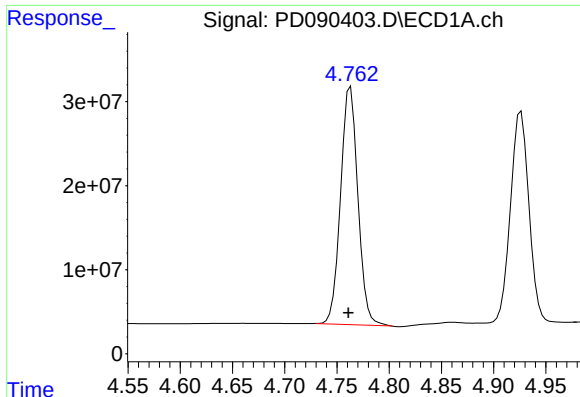
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.001 min
Response: 122565766
Conc: 47.51 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 918008804
Conc: 52.96 ng/ml



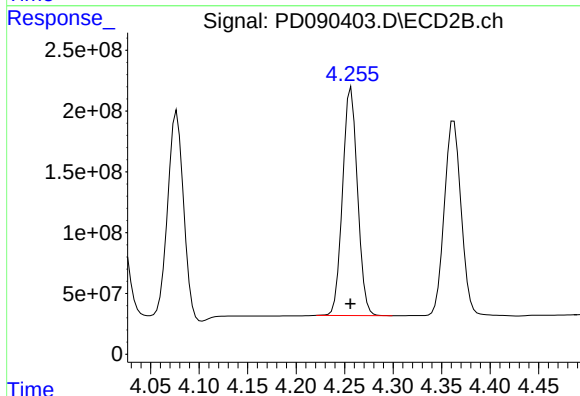
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 326389321
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

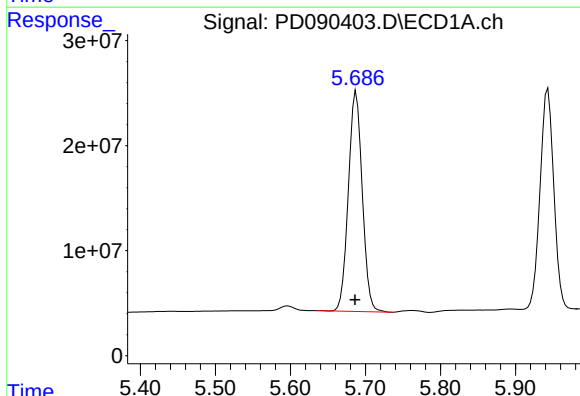
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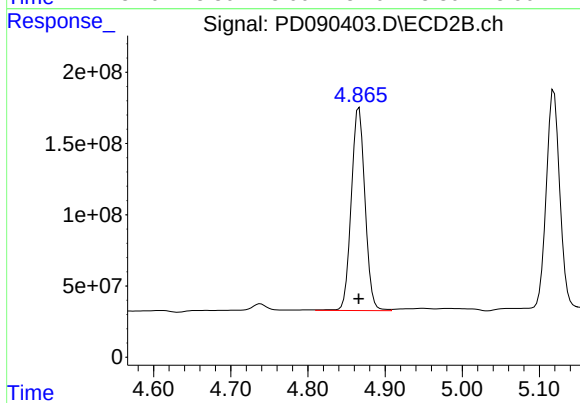
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 2007882874
Conc: 48.62 ng/ml



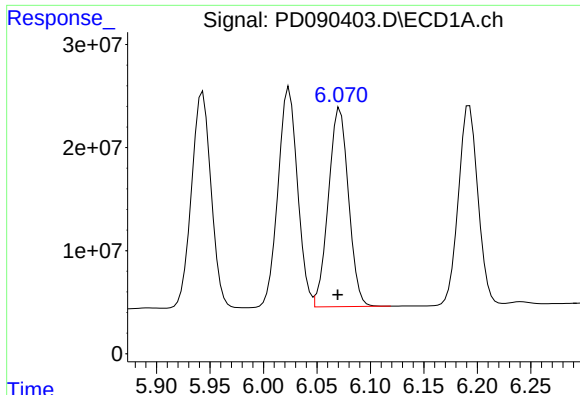
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 269817898
Conc: 47.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1758175824
Conc: 47.69 ng/ml



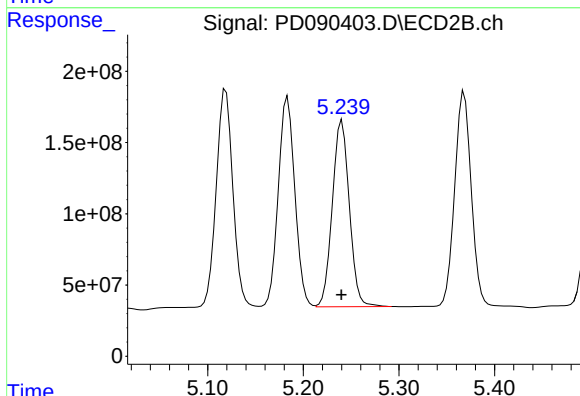
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 252271790
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

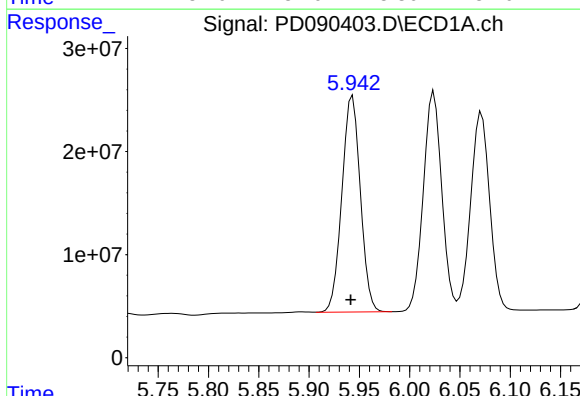
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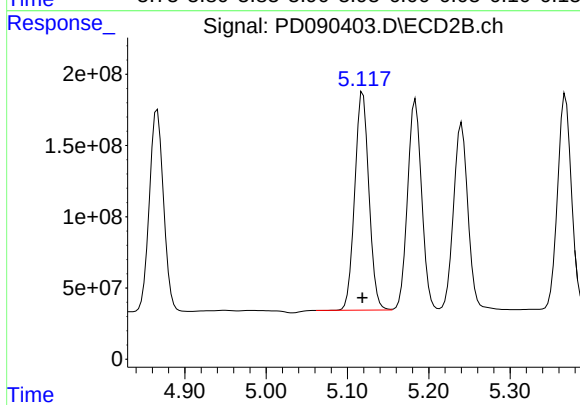
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 1614389976
Conc: 46.65 ng/ml



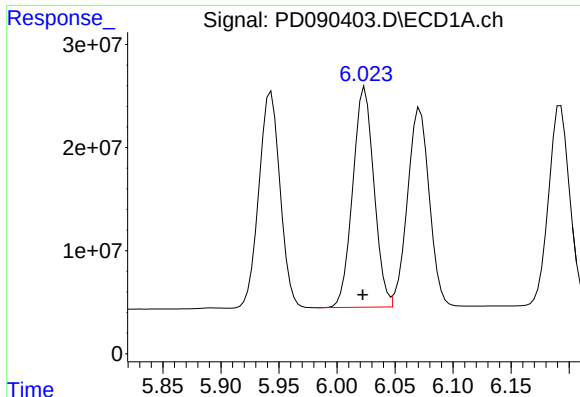
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 267368263
Conc: 46.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 1852779948
Conc: 47.16 ng/ml



#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.002 min
Response: 271206548
Conc: 47.08 ng/ml

Instrument :

ECD_D

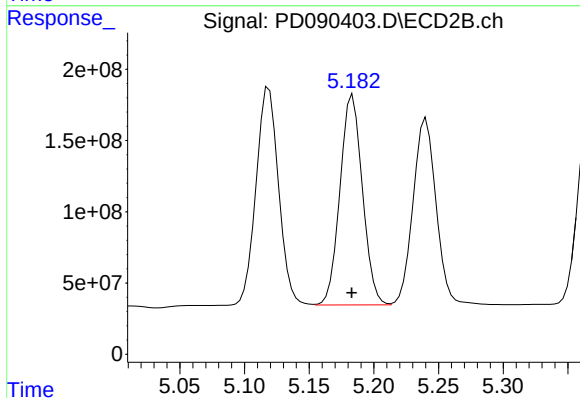
ClientSampleId :

PSTDCCC050

Manual Integrations

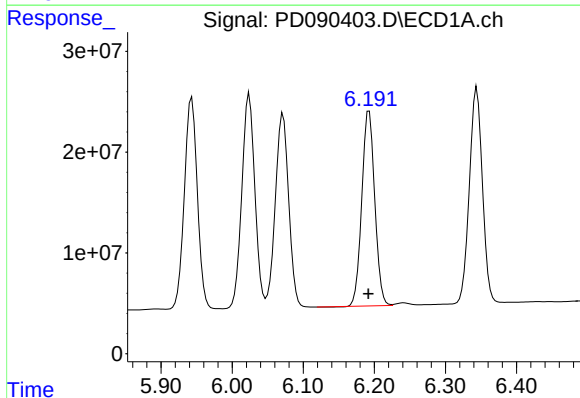
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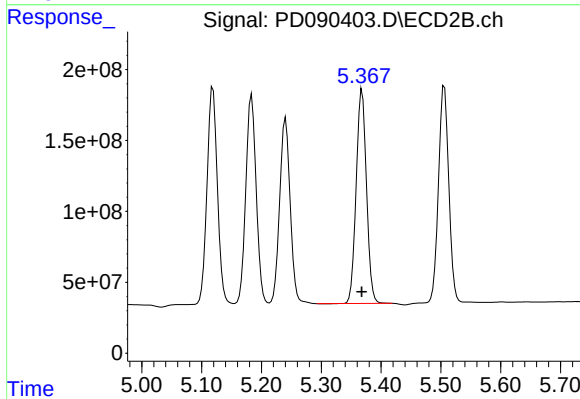
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1775597330
Conc: 47.14 ng/ml



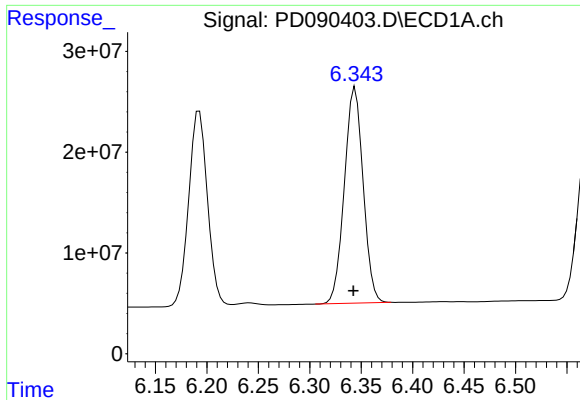
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 244650801
Conc: 46.98 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1804533938
Conc: 47.14 ng/ml



#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 272325227
Conc: 47.24 ng/ml

Instrument :

ECD_D

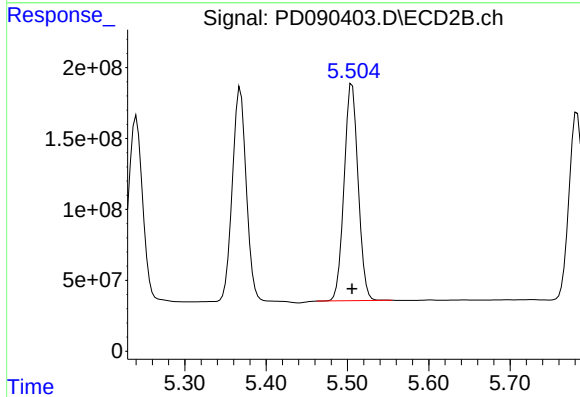
ClientSampleId :

PSTDCCC050

Manual Integrations

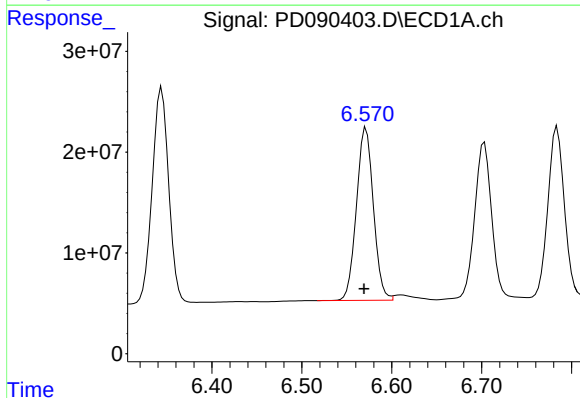
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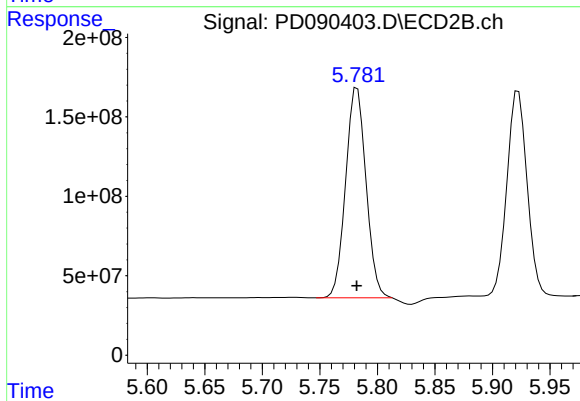
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 1832345437
Conc: 47.05 ng/ml



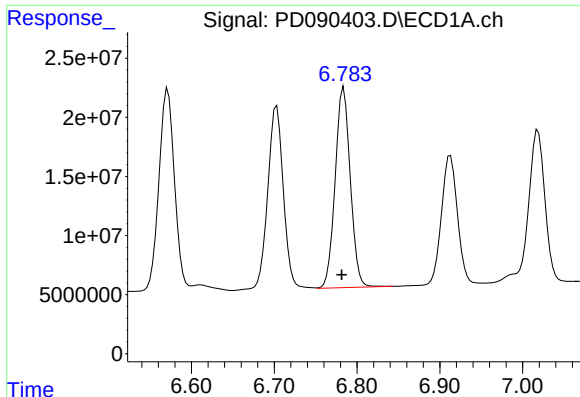
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 224076261
Conc: 45.79 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1640052918
Conc: 45.77 ng/ml m



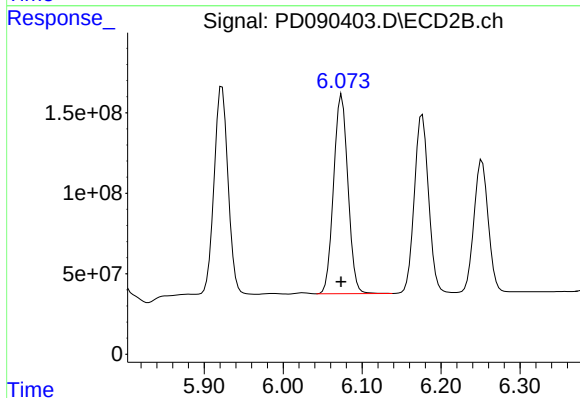
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 215083060
Conc: 44.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

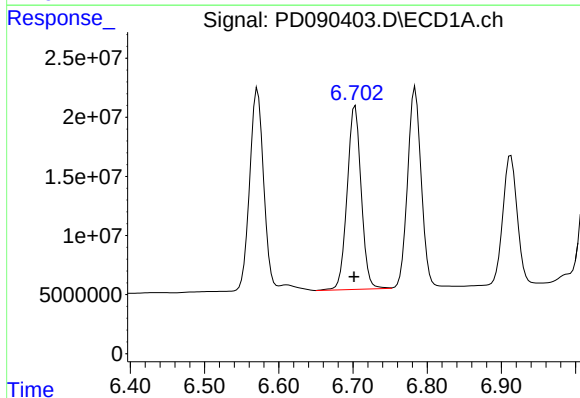
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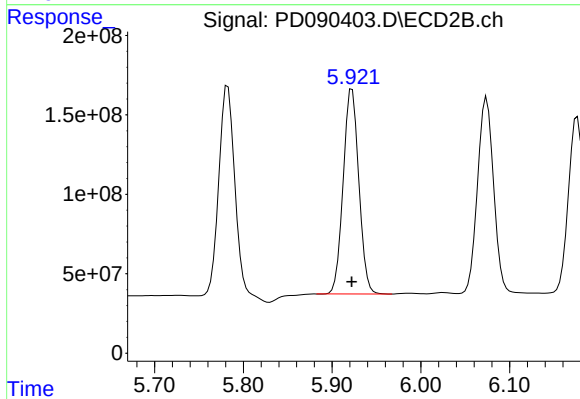
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.001 min
Response: 1556113442
Conc: 46.11 ng/ml



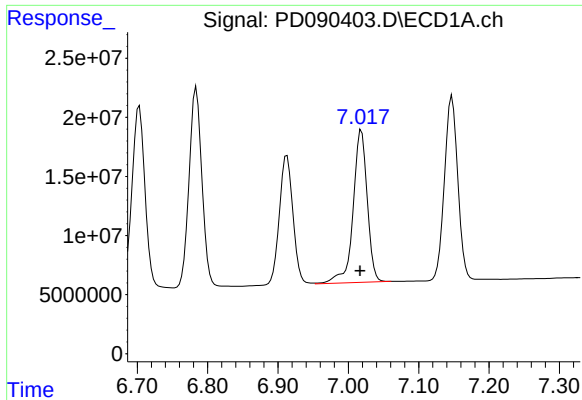
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.002 min
Response: 203755250
Conc: 49.72 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1579868208
Conc: 48.72 ng/ml



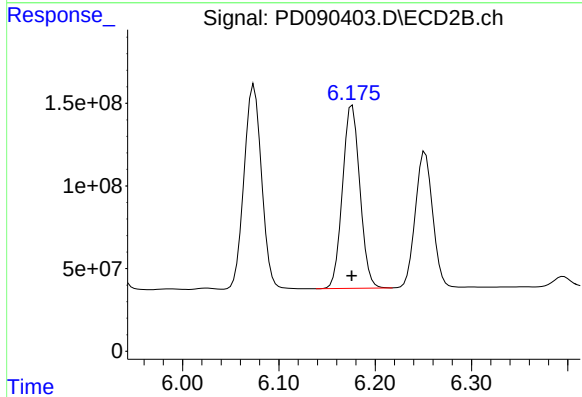
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 180271858
Conc: 40.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

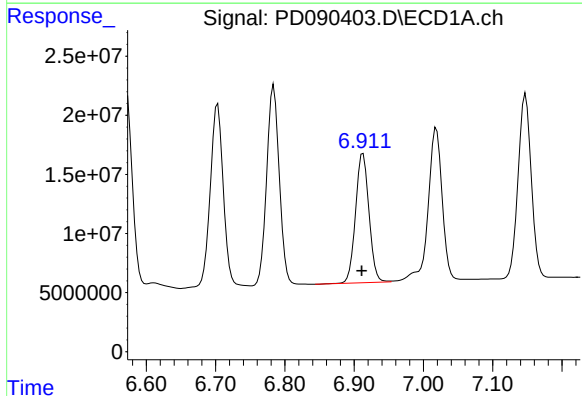
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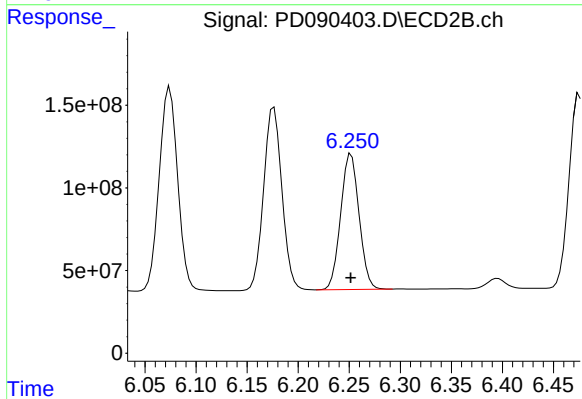
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1386146925
Conc: 40.32 ng/ml



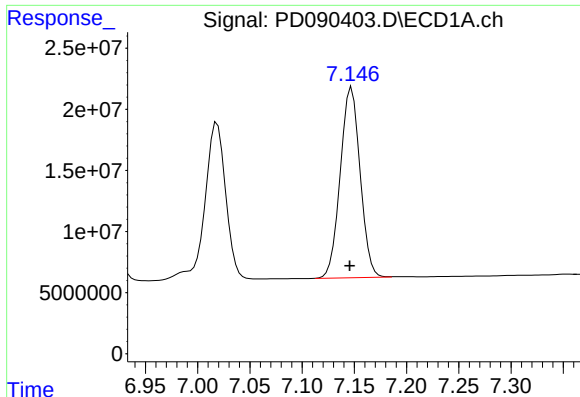
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 147109361
Conc: 42.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1032603703
Conc: 43.85 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 205867808
Conc: 44.75 ng/ml

Instrument :

ECD_D

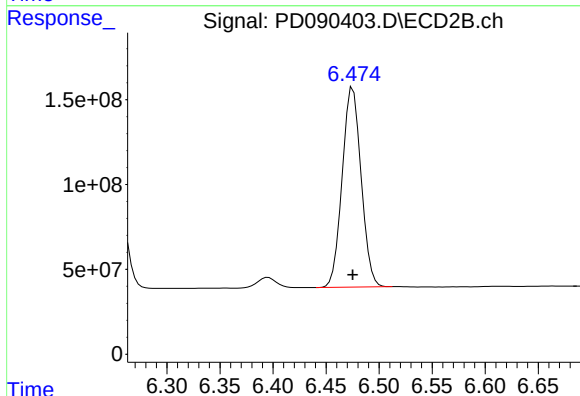
ClientSampleId :

PSTDCCC050

Manual Integrations

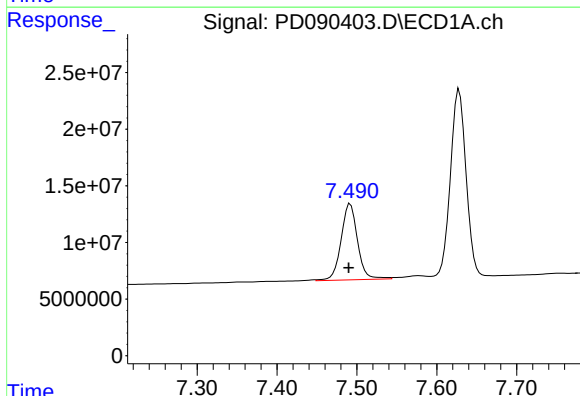
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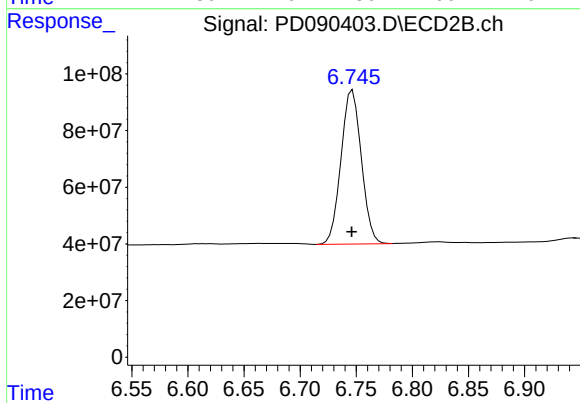
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1458348579
Conc: 44.61 ng/ml



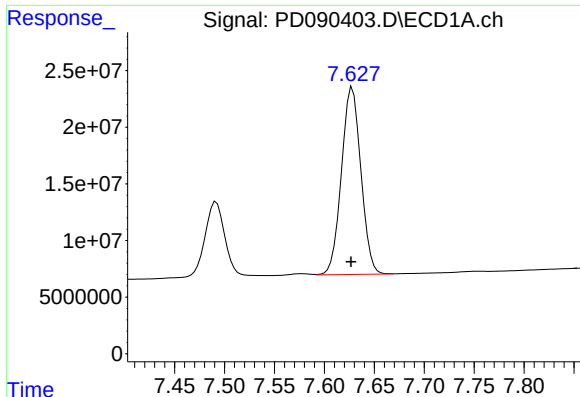
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 96360180
Conc: 40.89 ng/ml m



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 685777509
Conc: 39.41 ng/ml



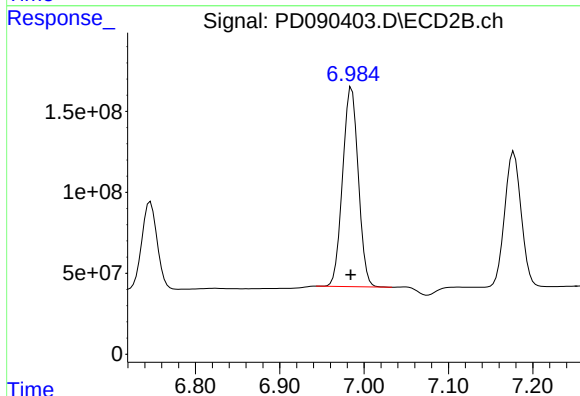
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 224030278
Conc: 45.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

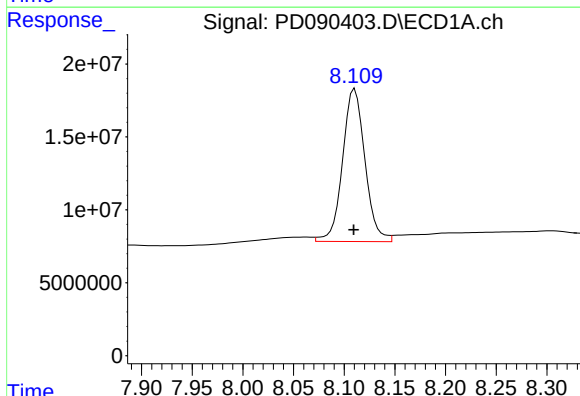
Manual Integrations
APPROVED

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



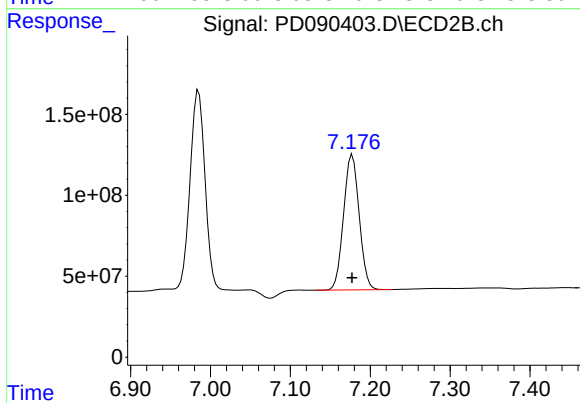
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1592066896
Conc: 44.10 ng/ml



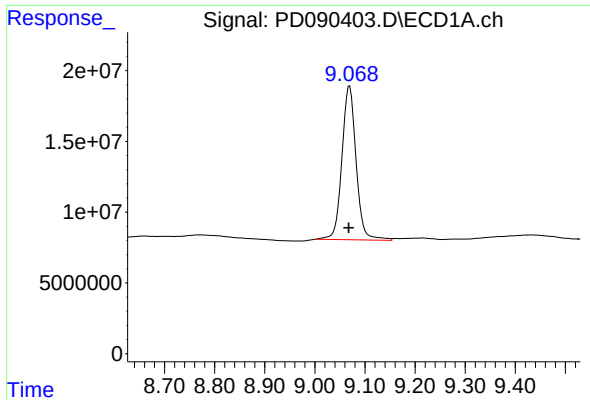
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 161428265
Conc: 43.57 ng/ml m



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 1135091585
Conc: 41.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 213629210
Conc: 44.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

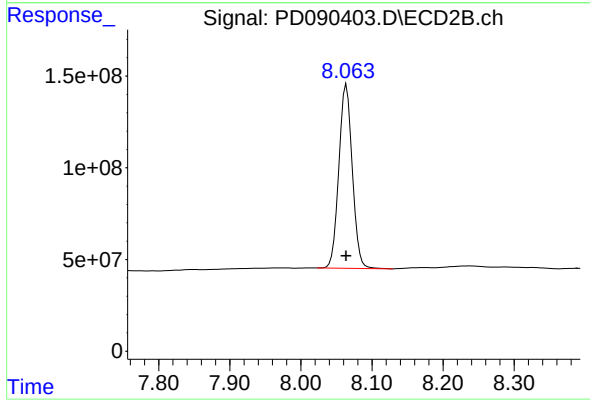
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 1314830619
Conc: 40.56 ng/ml