

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092625\
 Data File : PD090407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2025 11:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/29/2025
 Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 12:05:43 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...	3.548	2.876	161.5E6	1385.0E6	49.690	50.455
28)	SA Decachlor...	9.071	8.064	224.3E6	1570.4E6	46.479	48.448
Target Compounds							
2)	A alpha-BHC	3.998	3.388	372.7E6	2281.0E6	53.356	52.099
3)	MA gamma-BHC...	4.329	3.724	347.5E6	2111.7E6	52.511	51.840
4)	MA Heptachlor	4.927	4.076	343.8E6	2121.5E6	51.985	52.105
5)	MB Aldrin	5.268	4.362	332.2E6	2075.7E6	52.320	51.978
6)	B beta-BHC	4.515	4.020	131.6E6	973.4E6	51.021	56.154
7)	B delta-BHC	4.762	4.256	352.3E6	2148.6E6	54.560m	52.031
8)	B Heptachlo...	5.688	4.866	294.3E6	1884.7E6	51.504	51.125
9)	A Endosulfan I	6.072	5.240	276.7E6	1746.6E6	51.221	50.473
10)	B gamma-Chl...	5.944	5.119	295.3E6	2019.8E6	51.707	51.412
11)	B alpha-Chl...	6.024	5.183	296.1E6	1932.7E6	51.407	51.311
12)	B 4,4'-DDE	6.194	5.368	268.3E6	1964.5E6	51.518	51.321
13)	MA Dieldrin	6.345	5.506	298.4E6	2003.2E6	51.764	51.435
14)	MA Endrin	6.572	5.782	244.3E6	1799.1E6	49.918	50.210
15)	B Endosulfa...	6.785	6.074	249.6E6	1716.0E6	51.169	50.844
16)	A 4,4'-DDD	6.704	5.922	226.5E6	1751.1E6	55.262	53.999
17)	MA 4,4'-DDT	7.020	6.177	200.5E6	1550.8E6	45.034	45.108
18)	B Endrin al...	6.913	6.252	173.8E6	1209.5E6	50.656m	51.366
19)	B Endosulfa...	7.149	6.475	228.7E6	1639.9E6	49.708	50.166
20)	A Methoxychlor	7.492	6.747	99500487	767.1E6	42.224	44.086
21)	B Endrin ke...	7.630	6.985	251.6E6	1791.8E6	50.861	49.629
22)	Mirex	8.111	7.177	168.5E6	1314.2E6	45.475m	47.606

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092625\
Data File : PD090407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 11:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

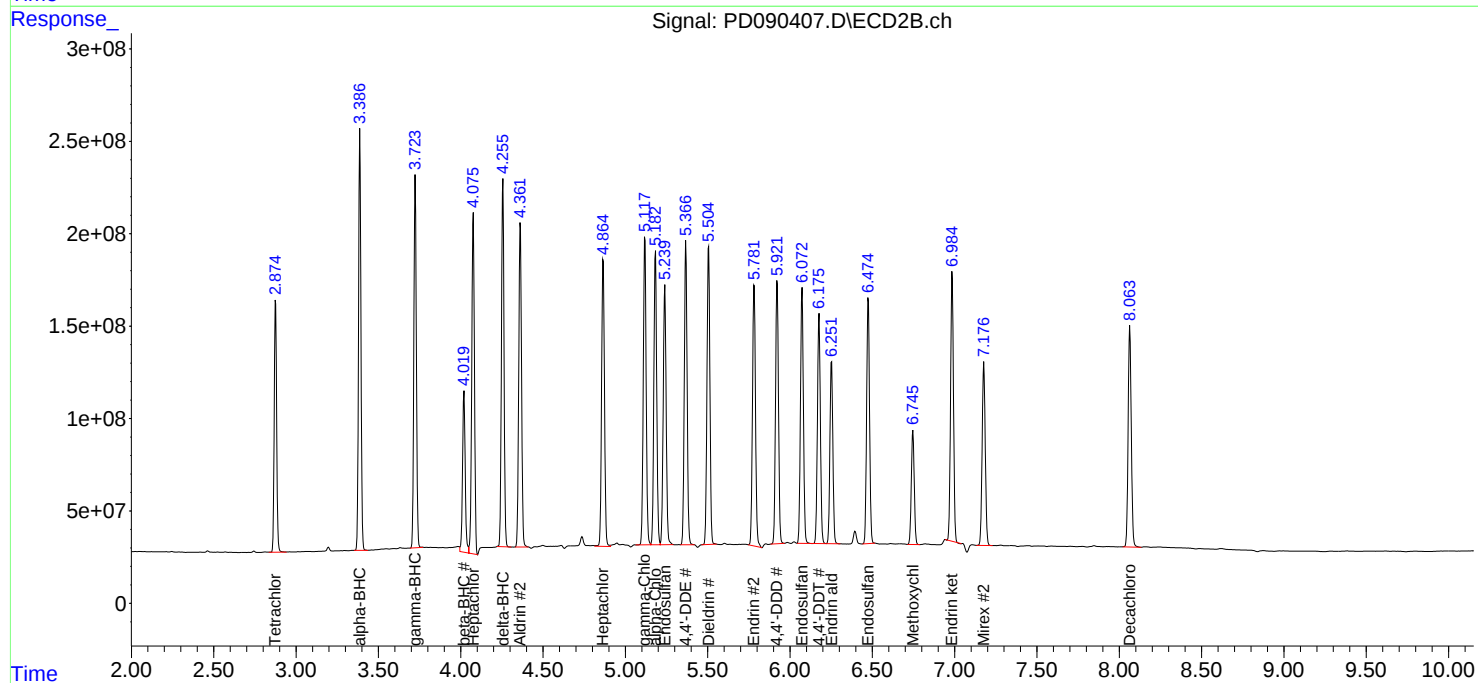
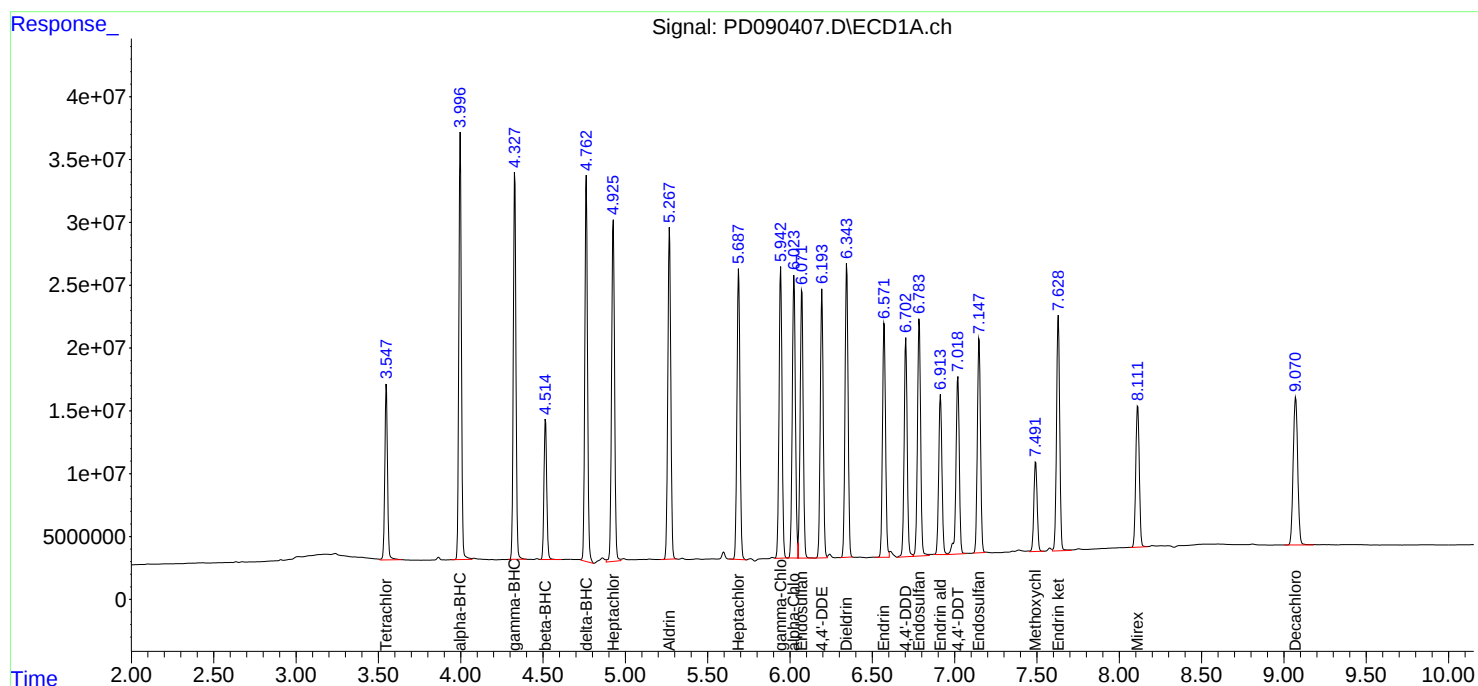
APPROVED

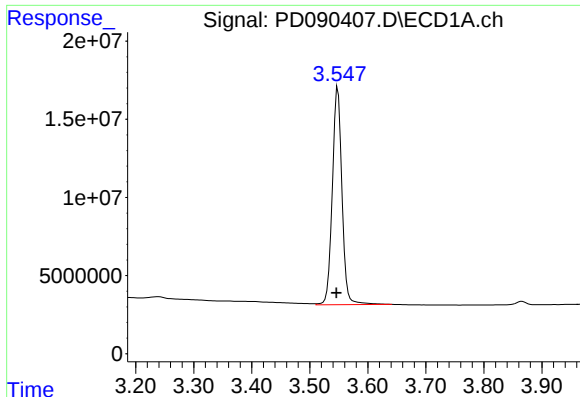
Reviewed By :Abdul Mirza 09/29/2025

Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 12:05:43 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





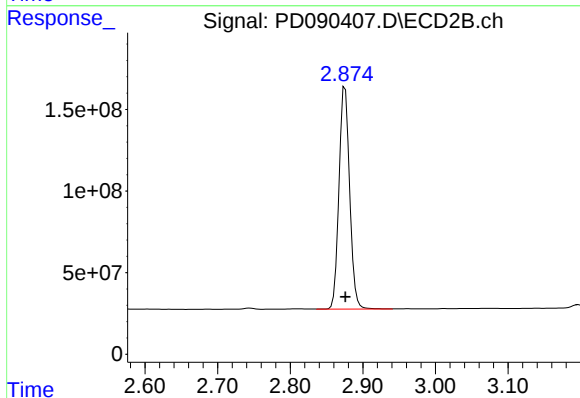
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.002 min
Response: 161514301
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

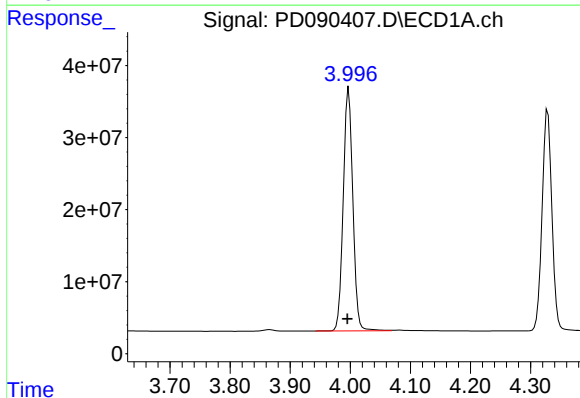
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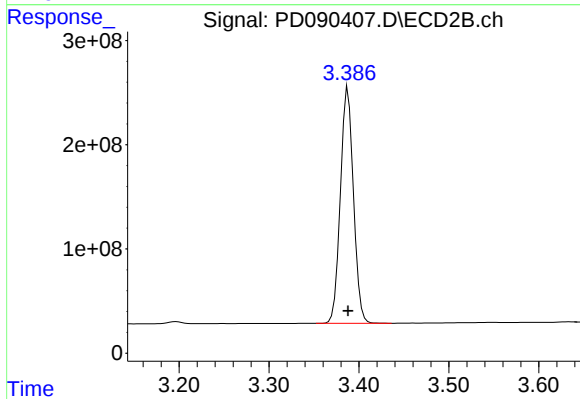
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 1384987822
Conc: 50.46 ng/ml



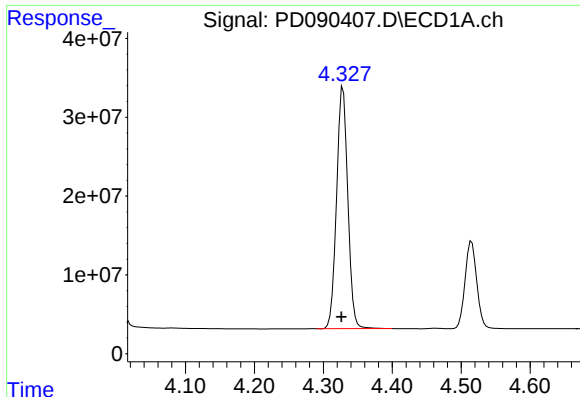
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 372669222
Conc: 53.36 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 2281031150
Conc: 52.10 ng/ml



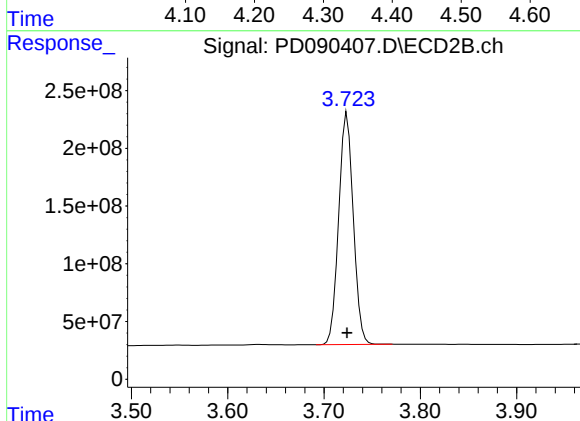
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 347460915
Conc: 52.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

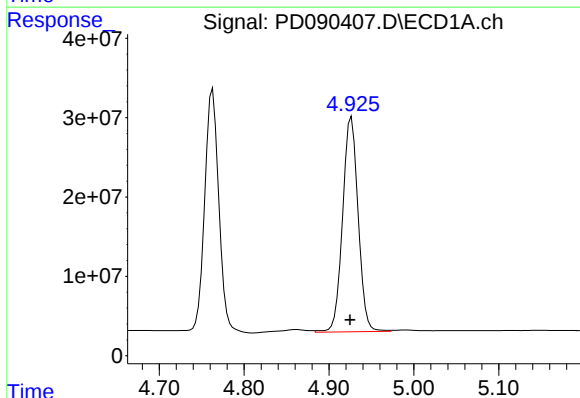
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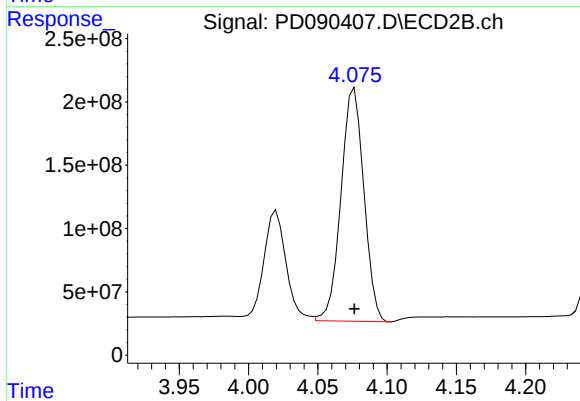
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 2111732578
Conc: 51.84 ng/ml



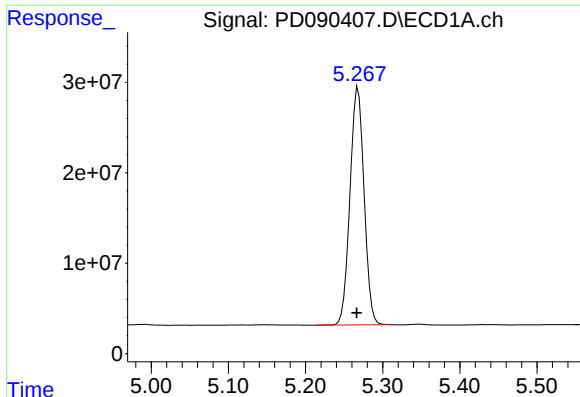
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 343756812
Conc: 51.99 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 2121544142
Conc: 52.10 ng/ml



#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.002 min
Response: 332227414
Conc: 52.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

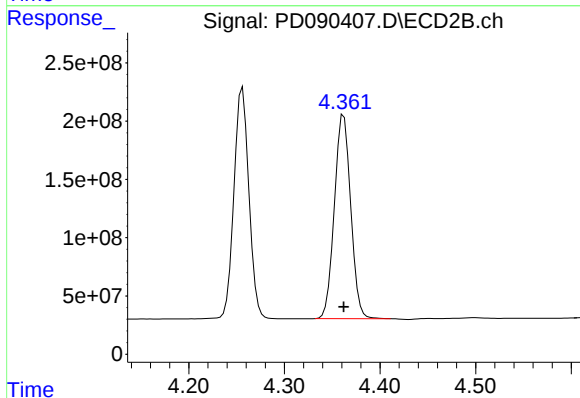
PSTDCCC050

Manual Integrations

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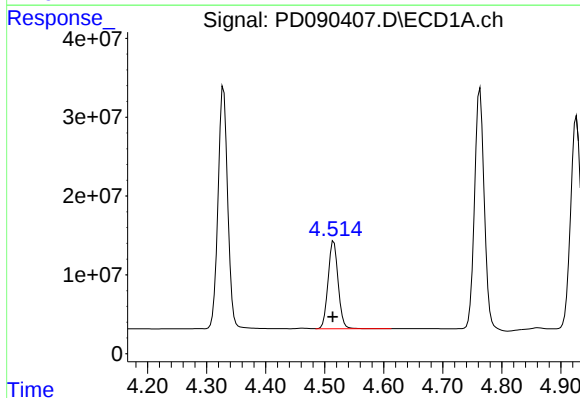
Reviewed By :Abdul Mirza 09/29/2025

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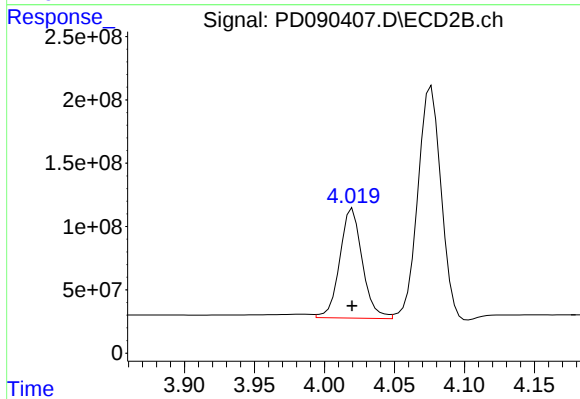
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 2075719880
Conc: 51.98 ng/ml



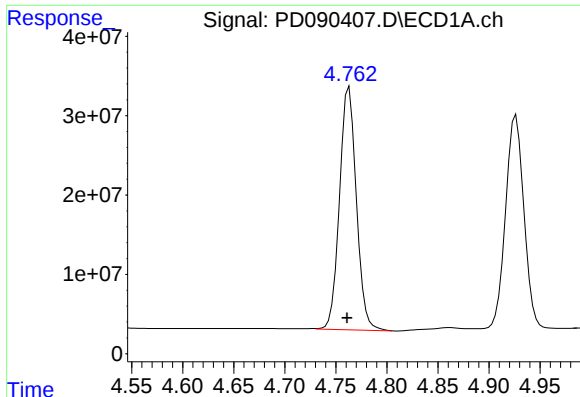
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 131629414
Conc: 51.02 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 973445051
Conc: 56.15 ng/ml



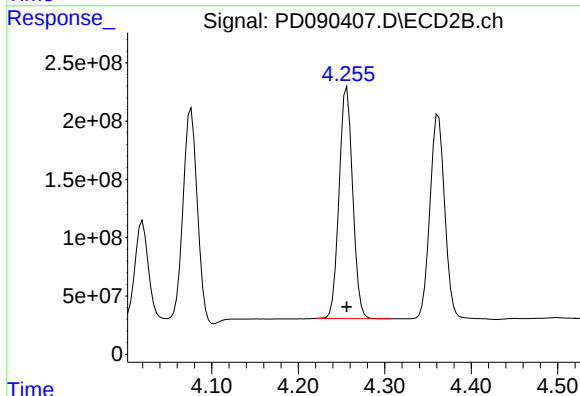
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 352322713
Conc: 54.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

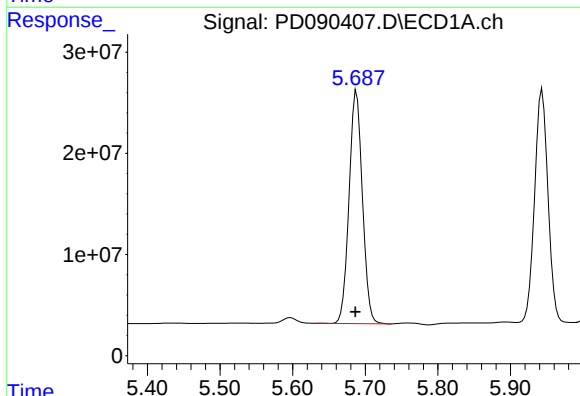
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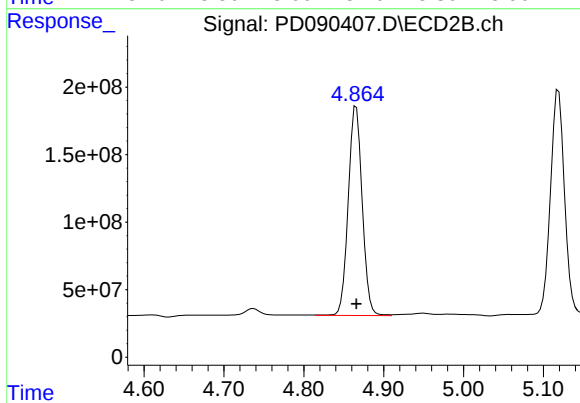
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2148620368
Conc: 52.03 ng/ml



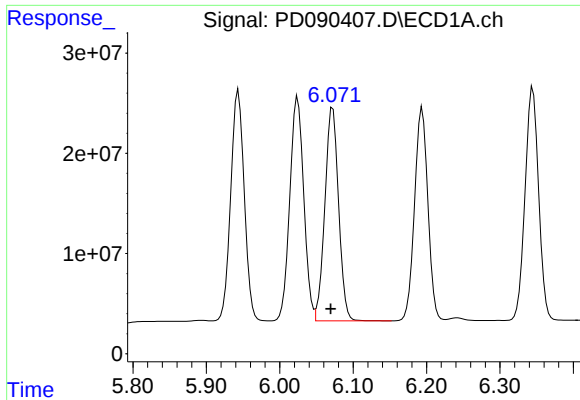
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.002 min
Response: 294342781
Conc: 51.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1884709983
Conc: 51.12 ng/ml



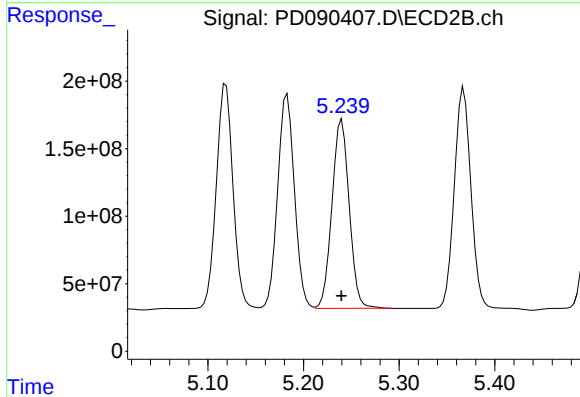
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 27666530
Conc: 51.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

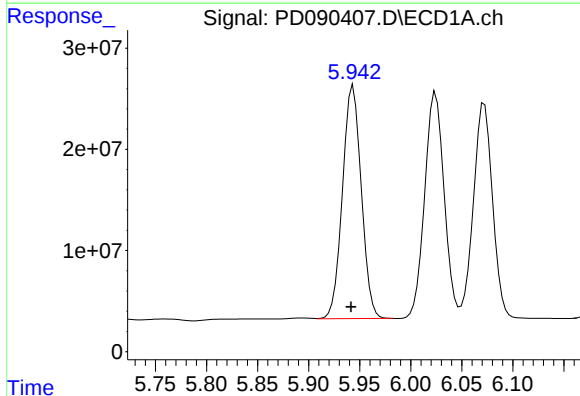
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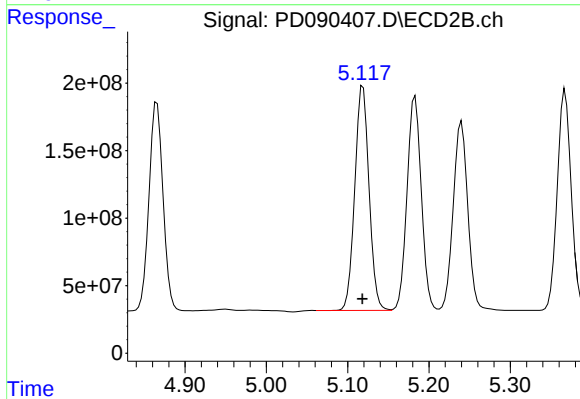
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 1746610725
Conc: 50.47 ng/ml



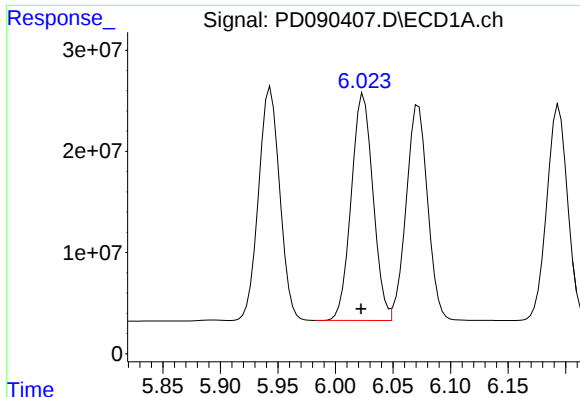
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 295348725
Conc: 51.71 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 2019783253
Conc: 51.41 ng/ml



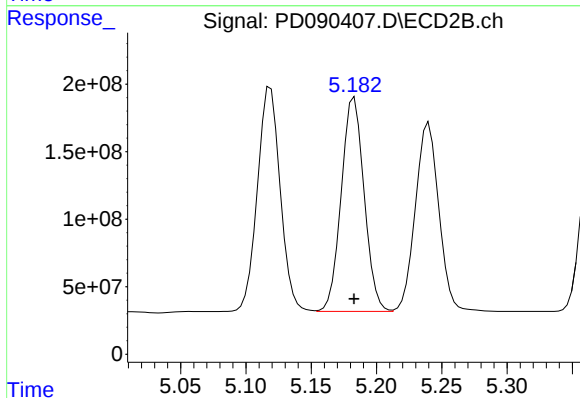
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.002 min
Response: 296148296
Conc: 51.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

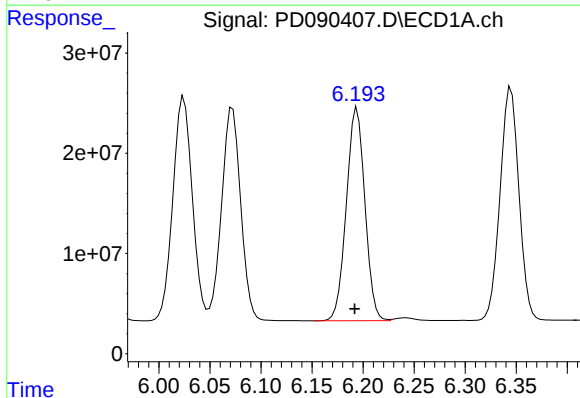
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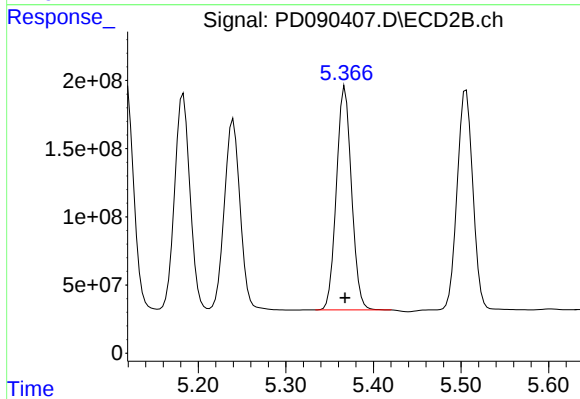
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1932659397
Conc: 51.31 ng/ml



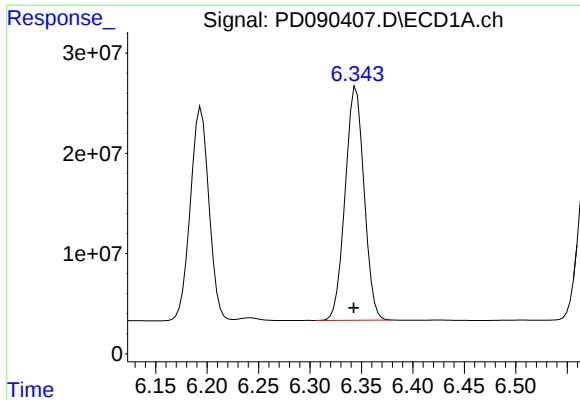
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 268283016
Conc: 51.52 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1964512894
Conc: 51.32 ng/ml



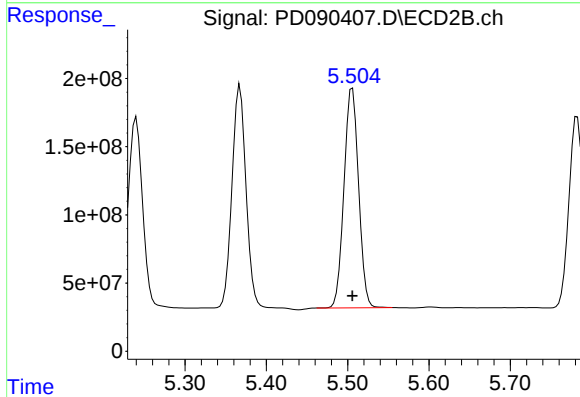
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 298403952
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

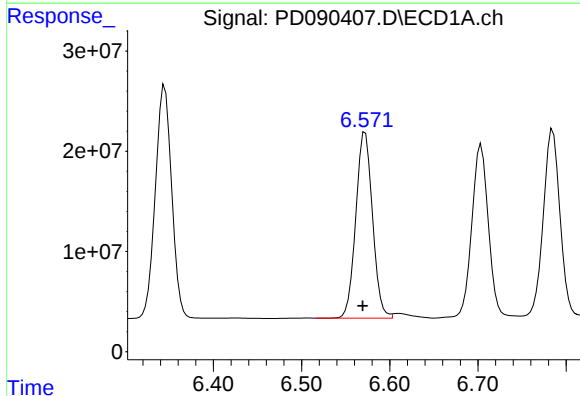
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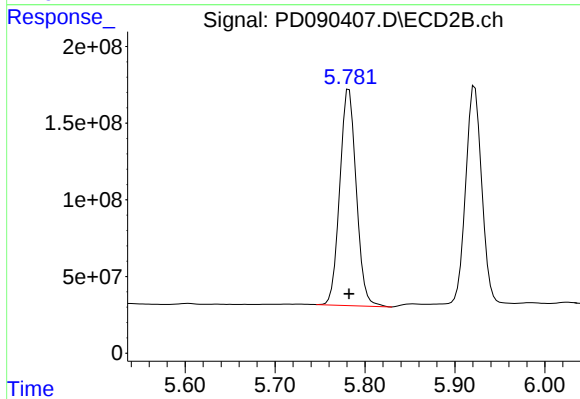
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 2003167300
Conc: 51.43 ng/ml



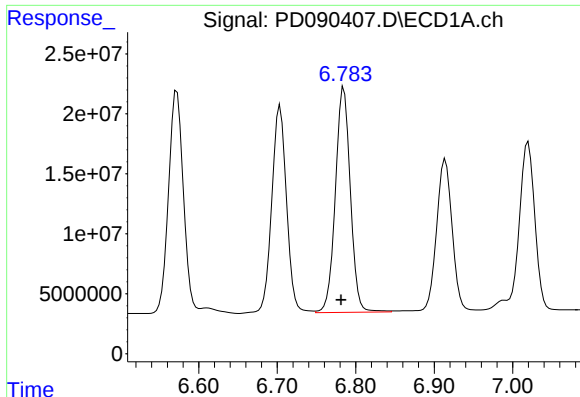
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 244296644
Conc: 49.92 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1799133442
Conc: 50.21 ng/ml



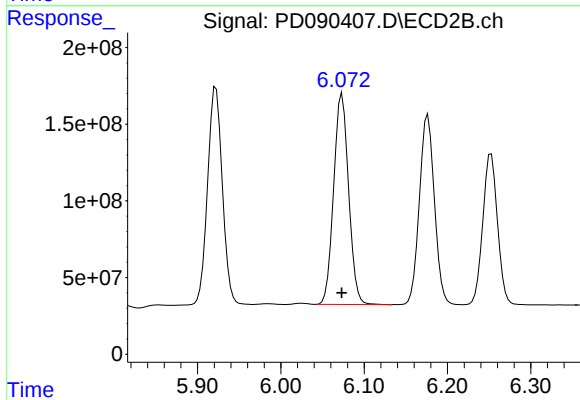
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 249594805
Conc: 51.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

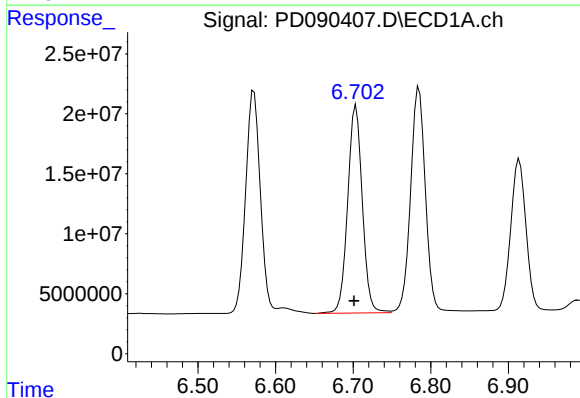
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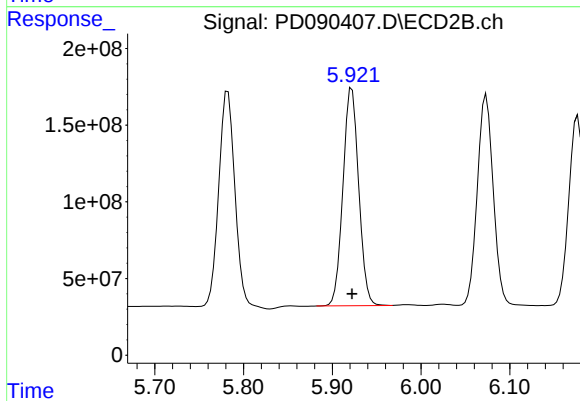
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 1716012233
Conc: 50.84 ng/ml



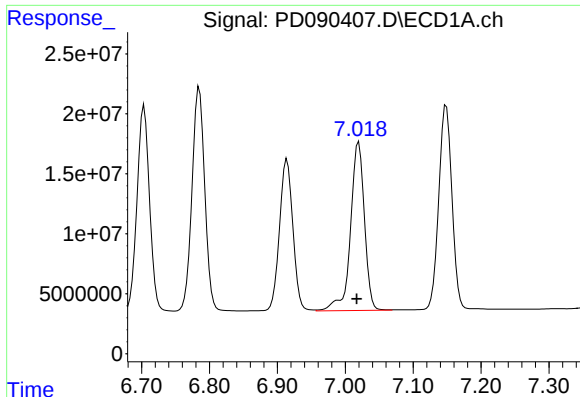
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 226454933
Conc: 55.26 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1751072943
Conc: 54.00 ng/ml



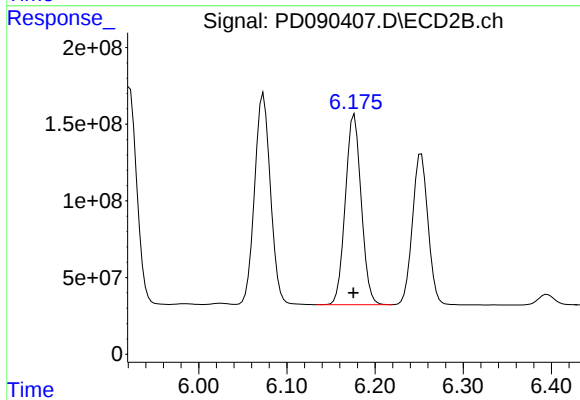
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 200512148
Conc: 45.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

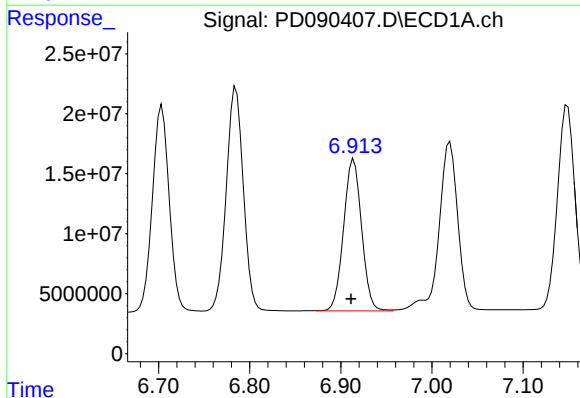
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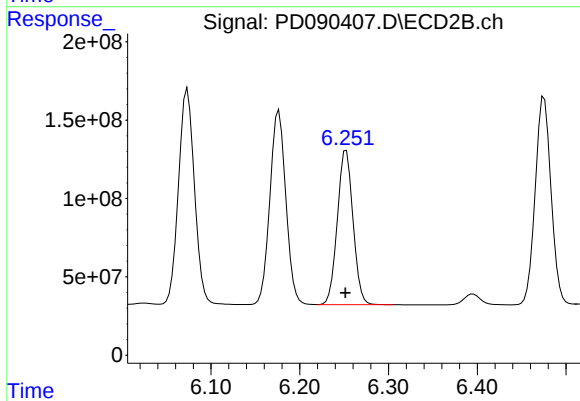
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1550766953
Conc: 45.11 ng/ml



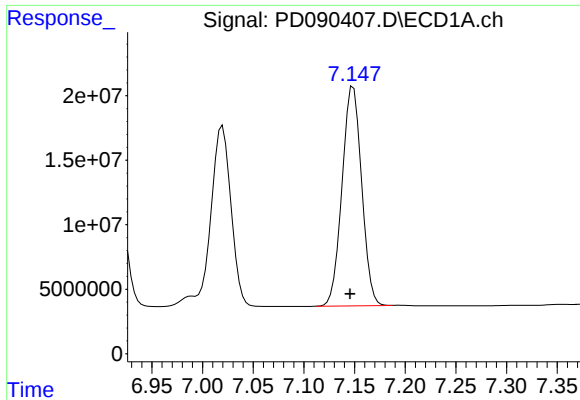
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 173779615
Conc: 50.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1209500856
Conc: 51.37 ng/ml



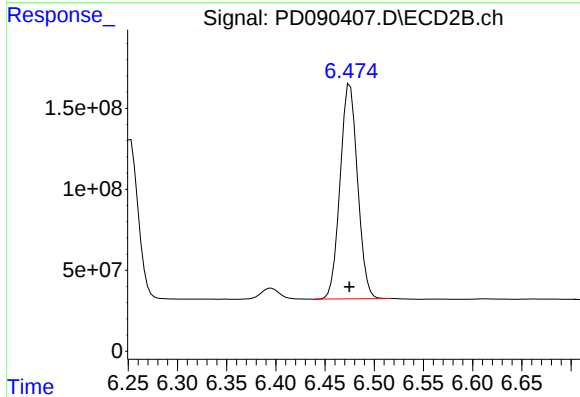
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.003 min
Response: 228675097
Conc: 49.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

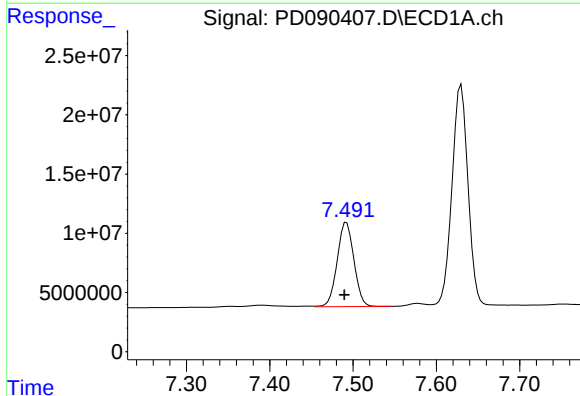
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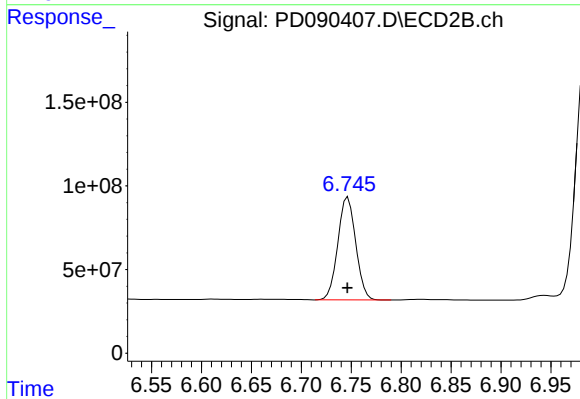
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1639948551
Conc: 50.17 ng/ml



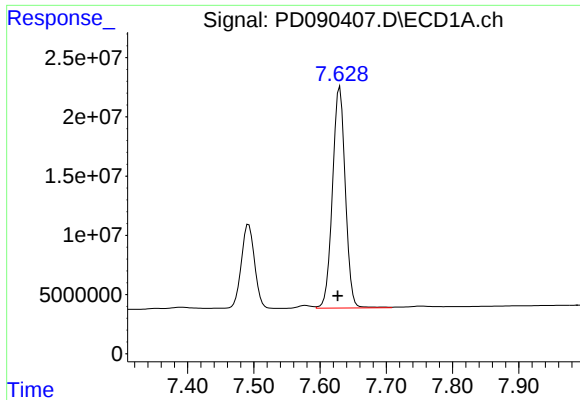
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 99500487
Conc: 42.22 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 767114839
Conc: 44.09 ng/ml



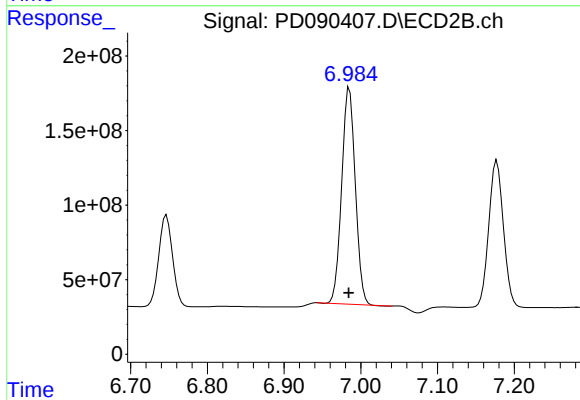
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 251627694
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

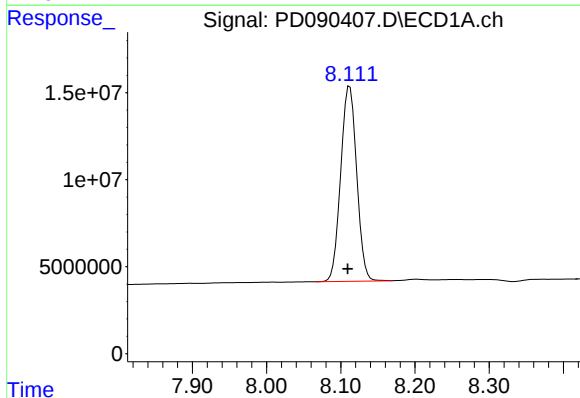
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



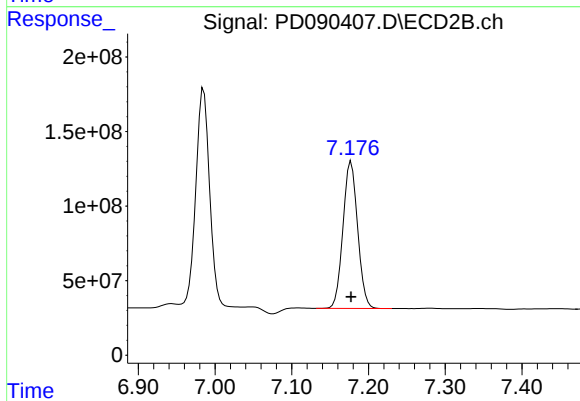
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1791768209
Conc: 49.63 ng/ml



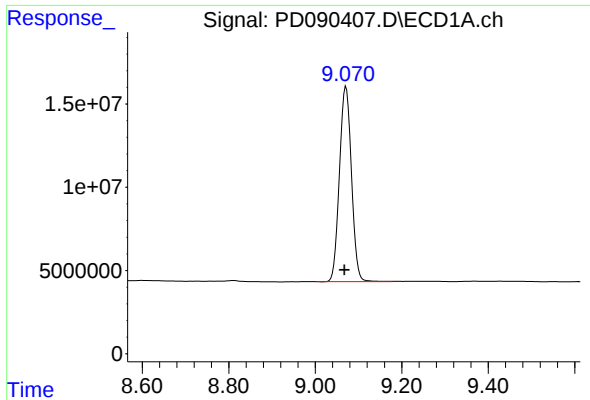
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.001 min
Response: 168478702
Conc: 45.48 ng/ml m



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1314209726
Conc: 47.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 224264123
Conc: 46.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

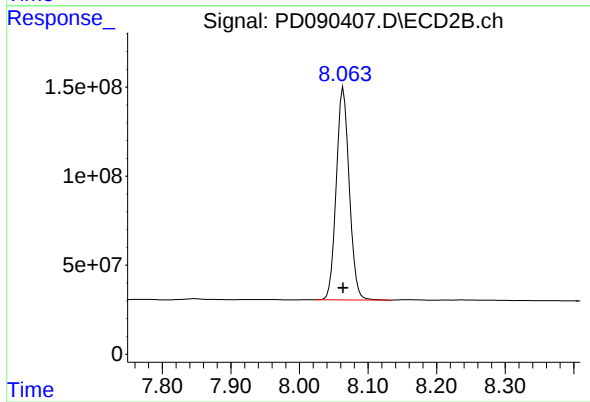
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 1570416924
Conc: 48.45 ng/ml