

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 16:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/05/2025
 Supervised By : mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:03:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.550	2.876	147.8E6	1149.6E6	50.375	52.136m
28)	SA Decachlor...	9.074	8.066	225.6E6	1477.9E6	52.282	57.092
Target Compounds							
2)	A alpha-BHC	3.999	3.389	332.1E6	1902.5E6	55.325	56.057
3)	MA gamma-BHC...	4.330	3.725	313.6E6	1740.0E6	54.757	55.821
4)	MA Heptachlor	4.928	4.078	293.9E6	1669.0E6	52.396	53.509
5)	MB Aldrin	5.270	4.363	296.7E6	1706.2E6	54.799	56.023
6)	B beta-BHC	4.516	4.021	118.8E6	725.4E6	52.957	54.414
7)	B delta-BHC	4.763	4.257	308.5E6	1758.1E6	59.576m	55.724
8)	B Heptachlo...	5.690	4.867	261.7E6	1531.9E6	53.328	55.312
9)	A Endosulfan I	6.074	5.241	245.7E6	1317.2E6	53.234	50.234
10)	B gamma-Chl...	5.946	5.120	266.0E6	1654.1E6	54.394	55.860
11)	B alpha-Chl...	6.026	5.185	263.0E6	1580.3E6	53.425	55.376
12)	B 4,4'-DDE	6.195	5.369	230.8E6	1599.3E6	52.587	55.488
13)	MA Dieldrin	6.347	5.507	263.4E6	1649.8E6	53.808	56.333
14)	MA Endrin	6.574	5.784	213.4E6	1516.6E6	51.495	56.947
15)	B Endosulfa...	6.786	6.075	225.9E6	1409.2E6	53.543	55.713
16)	A 4,4'-DDD	6.705	5.924	202.4E6	1384.0E6	58.513	57.563
17)	MA 4,4'-DDT	7.021	6.178	180.0E6	1286.4E6	47.235	51.313
18)	B Endrin al...	6.915	6.253	158.1E6	1023.5E6	55.139	59.436
19)	B Endosulfa...	7.150	6.477	202.6E6	1337.8E6	51.712	54.872
20)	A Methoxychlor	7.494	6.749	103.8E6	736.0E6	51.767	57.069
21)	B Endrin ke...	7.631	6.986	219.7E6	1521.3E6	53.021	57.096
22)	Mirex	8.114	7.180	155.9E6	1118.8E6	49.409	54.166

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 16:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

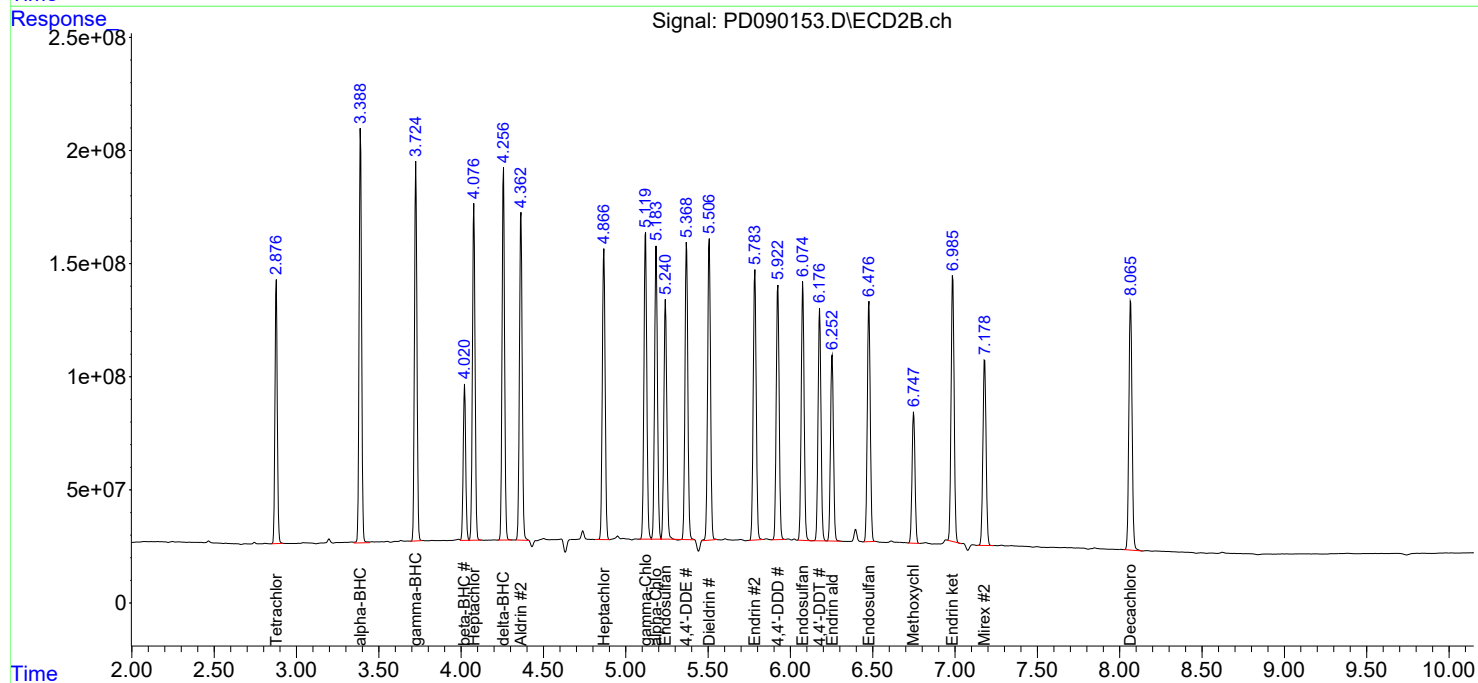
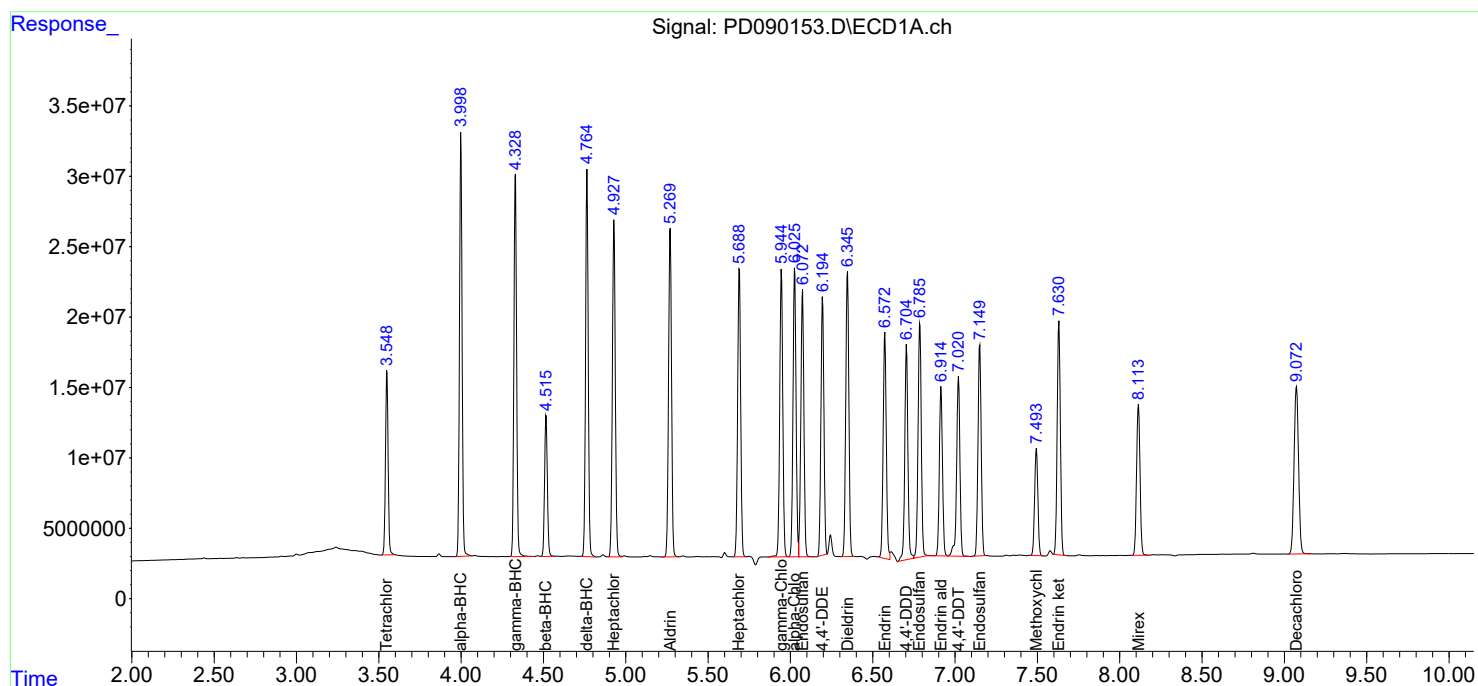
APPROVED

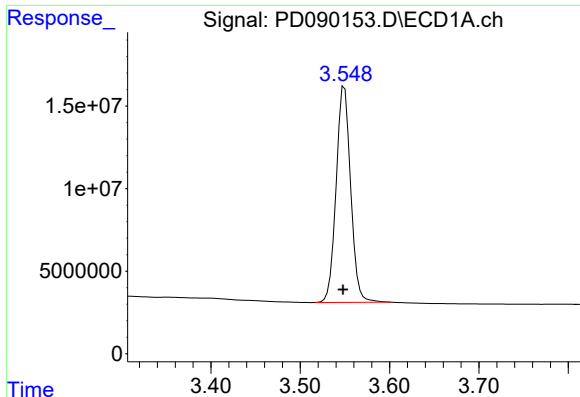
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





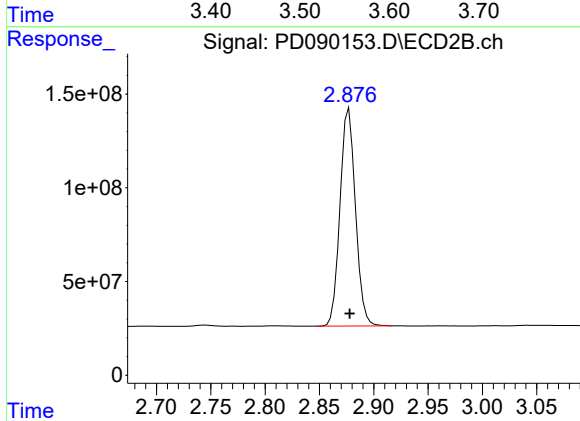
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 147841293
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

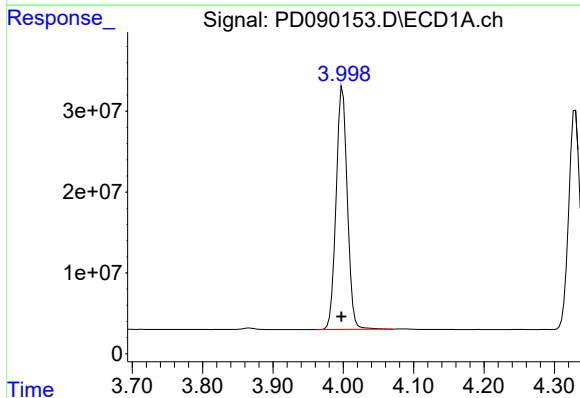
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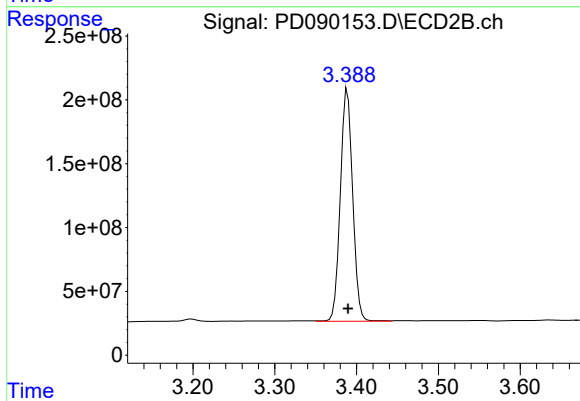
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1149637612
Conc: 52.14 ng/ml m



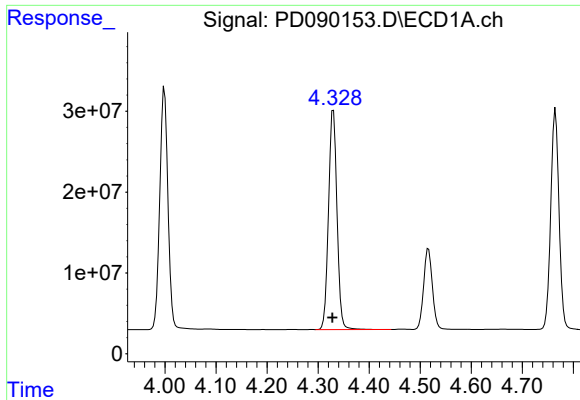
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 332075670
Conc: 55.33 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1902523402
Conc: 56.06 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 313581877
Conc: 54.76 ng/ml

Instrument :

ECD_D

ClientSampleId :

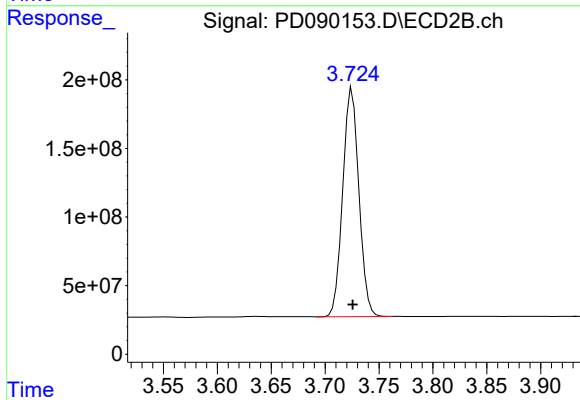
PSTDCCC050

Manual Integrations

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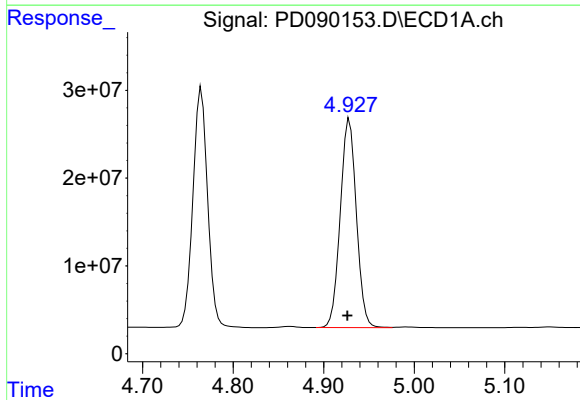
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025



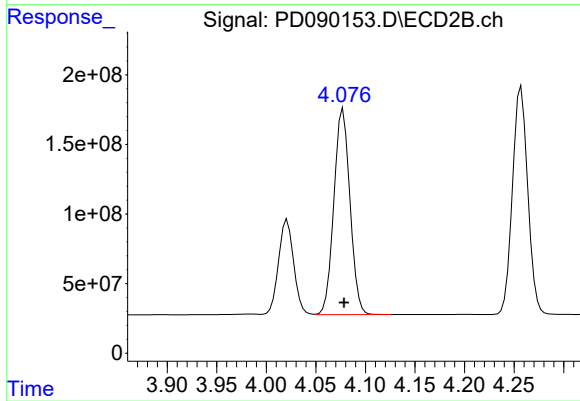
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1739969193
Conc: 55.82 ng/ml



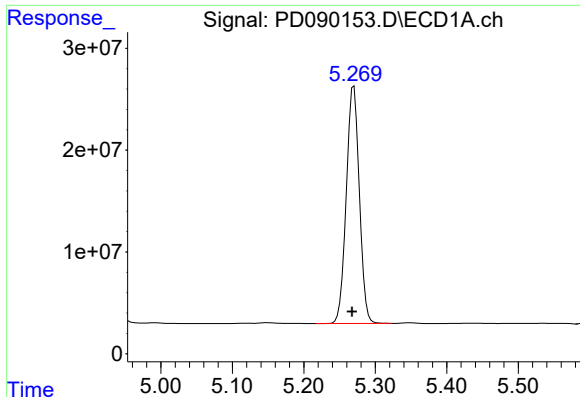
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 293896095
Conc: 52.40 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1669021027
Conc: 53.51 ng/ml



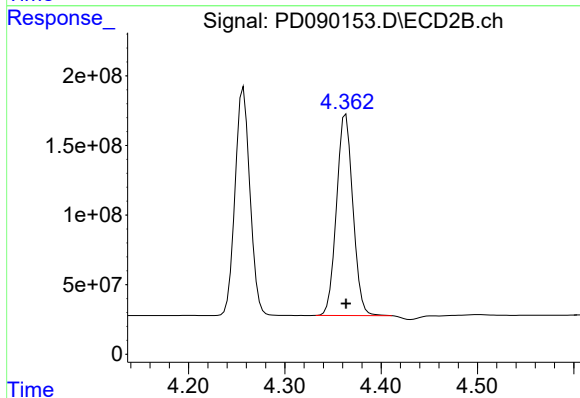
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.002 min
Response: 296708695
Conc: 54.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

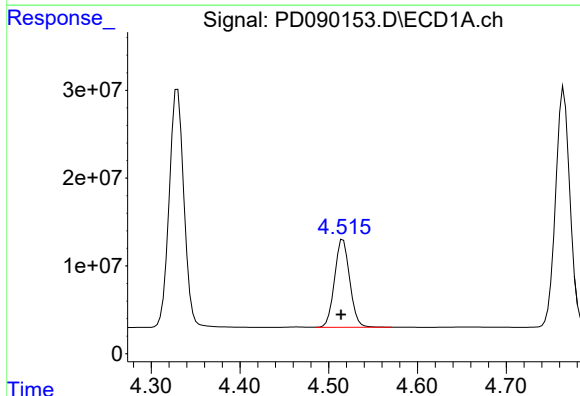
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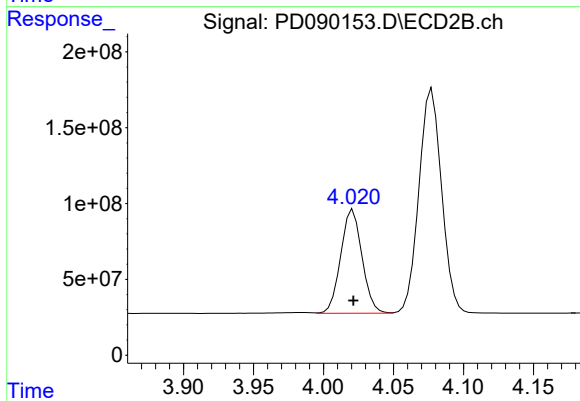
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1706233665
Conc: 56.02 ng/ml



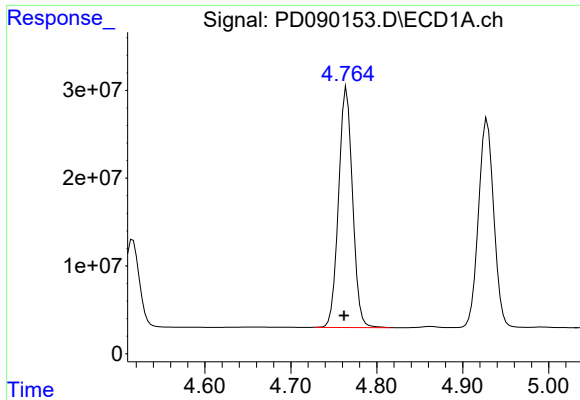
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 118783340
Conc: 52.96 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 725353966
Conc: 54.41 ng/ml



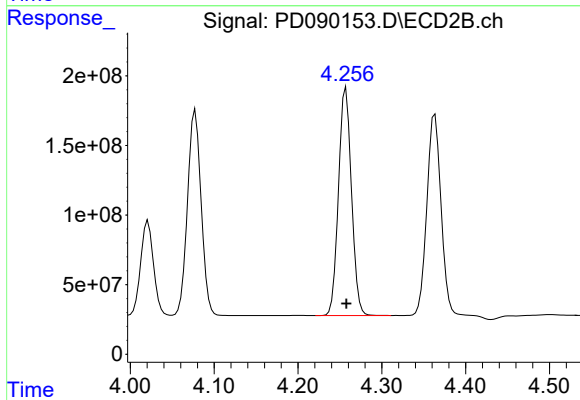
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 308468021
Conc: 59.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

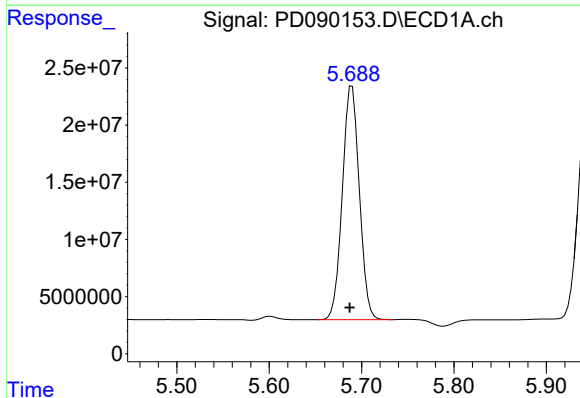
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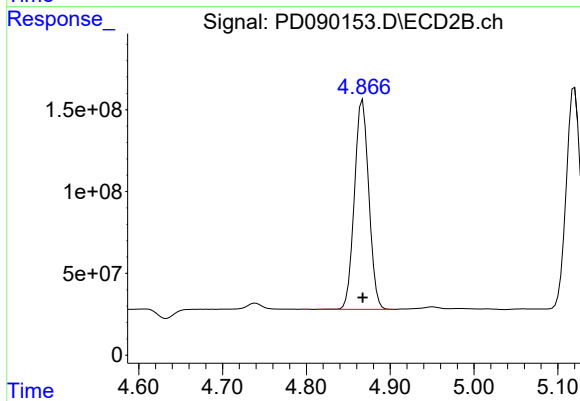
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1758073675
Conc: 55.72 ng/ml



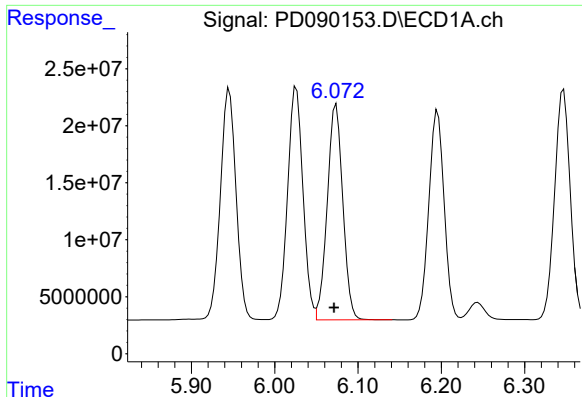
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 261669535
Conc: 53.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1531860210
Conc: 55.31 ng/ml



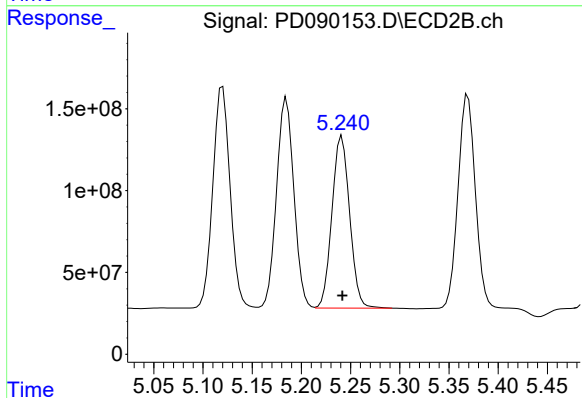
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.003 min
Response: 245668999
Conc: 53.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

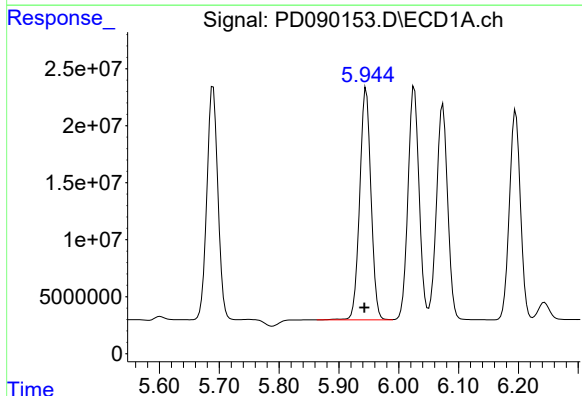
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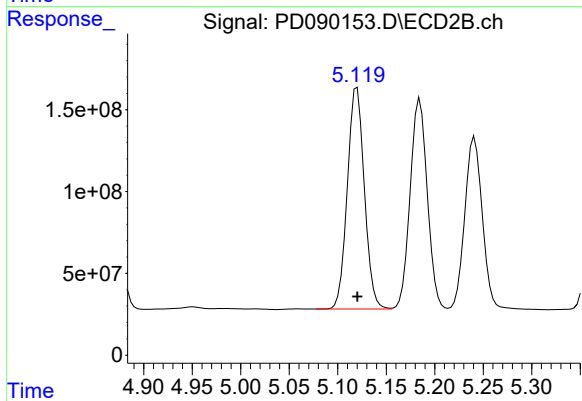
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1317211742
Conc: 50.23 ng/ml



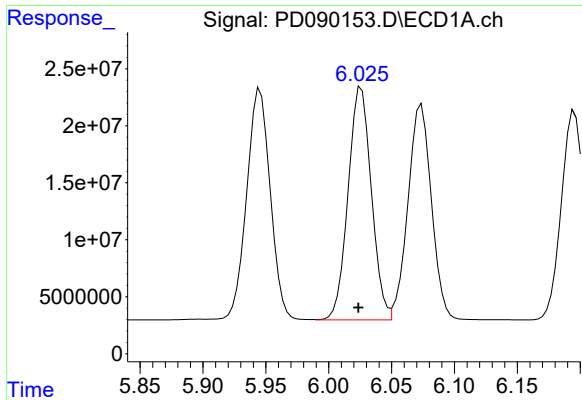
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 266040834
Conc: 54.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1654088752
Conc: 55.86 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 262977807
Conc: 53.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

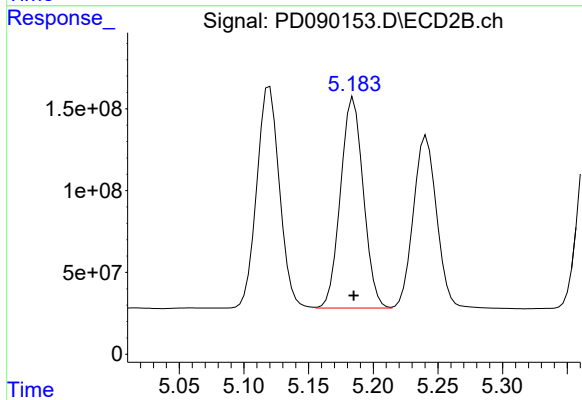
PSTDCCC050

Manual Integrations

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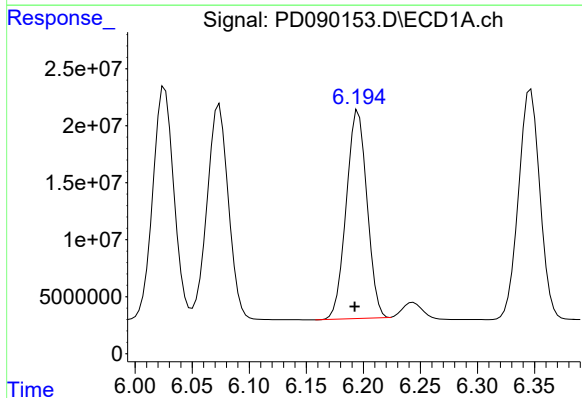
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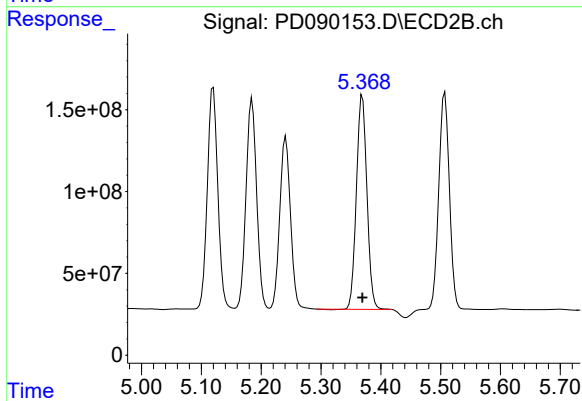
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1580339569
Conc: 55.38 ng/ml



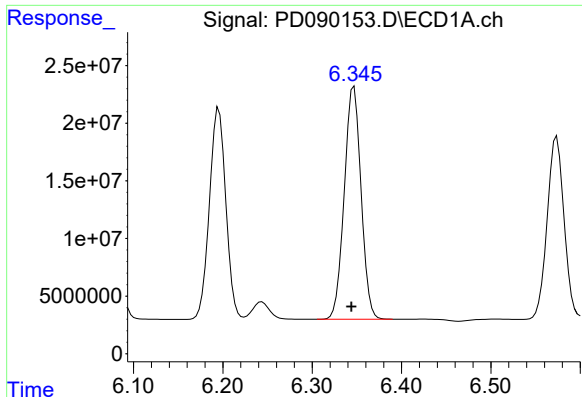
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 230767509
Conc: 52.59 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1599316241
Conc: 55.49 ng/ml



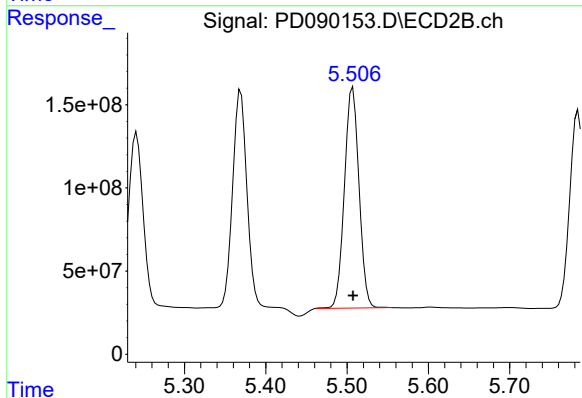
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 263432078
Conc: 53.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

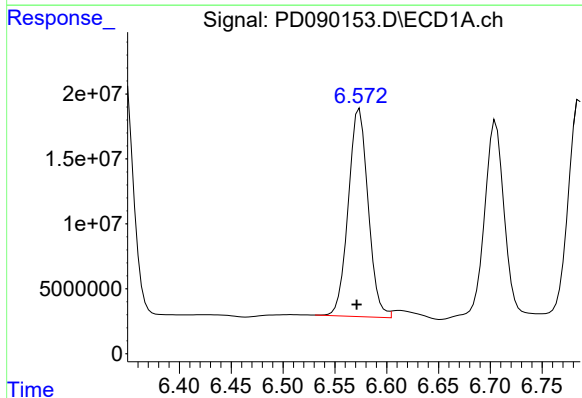
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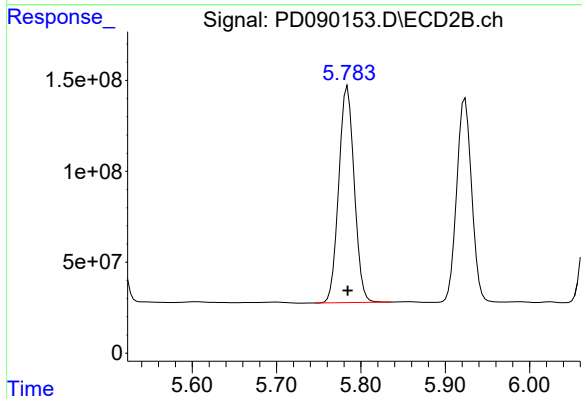
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1649843544
Conc: 56.33 ng/ml



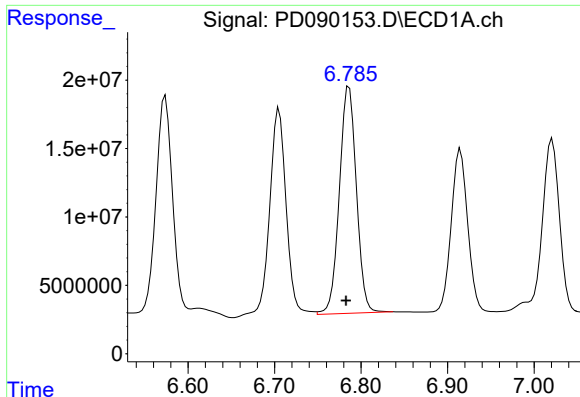
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.003 min
Response: 213375311
Conc: 51.50 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1516611362
Conc: 56.95 ng/ml



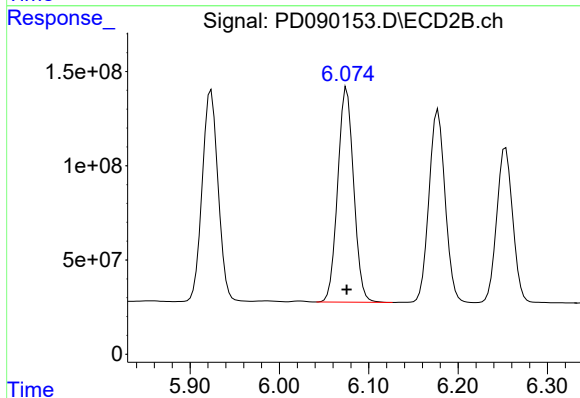
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 225938160
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

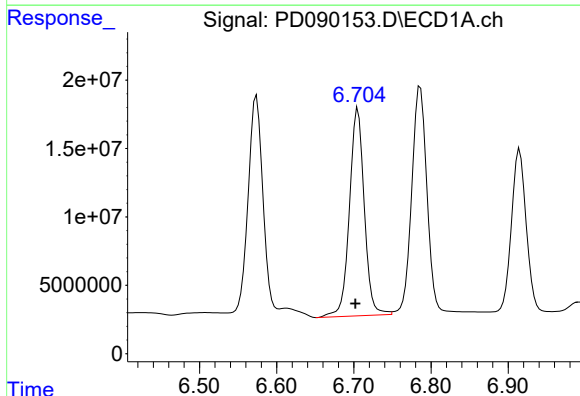
Manual Integrations
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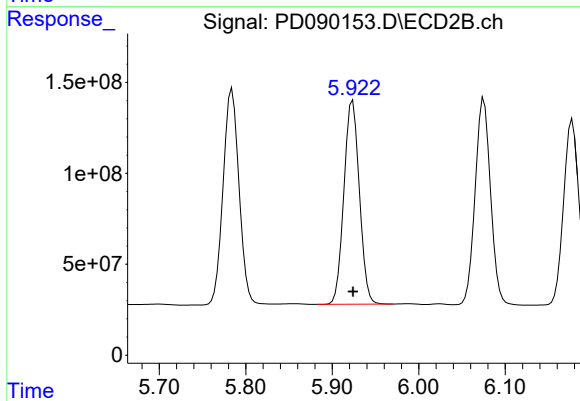
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1409235445
Conc: 55.71 ng/ml



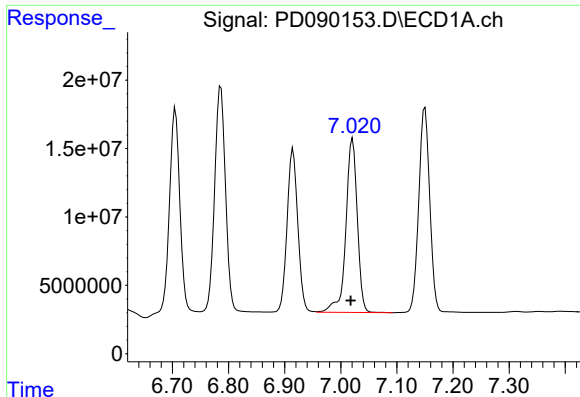
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.003 min
Response: 202404194
Conc: 58.51 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1384015870
Conc: 57.56 ng/ml



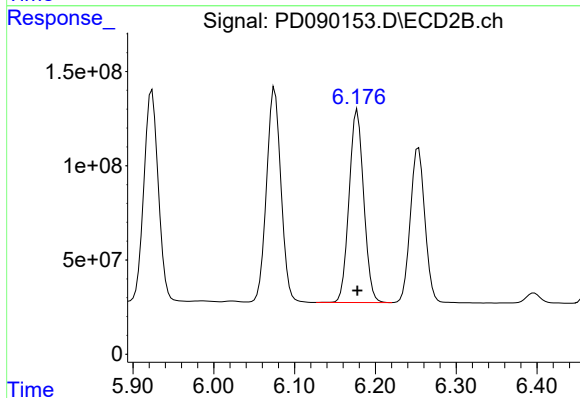
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 179952508
Conc: 47.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

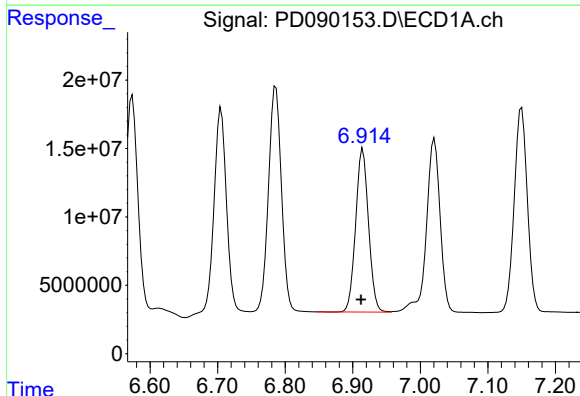
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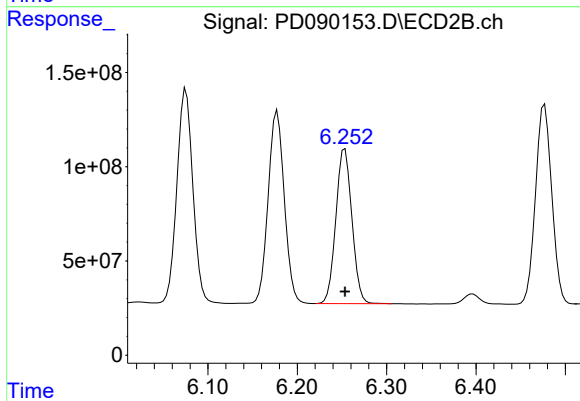
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1286399130
Conc: 51.31 ng/ml



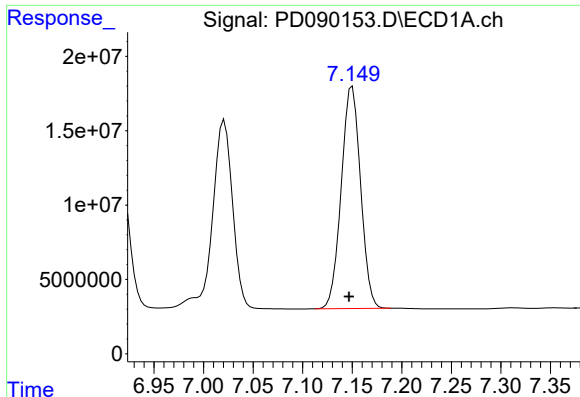
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 158093204
Conc: 55.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1023490303
Conc: 59.44 ng/ml



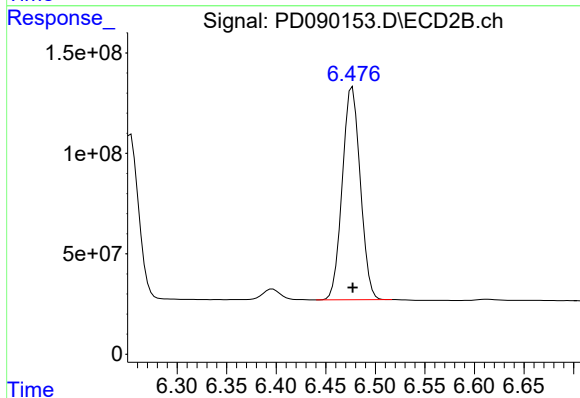
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.003 min
Response: 202633664
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

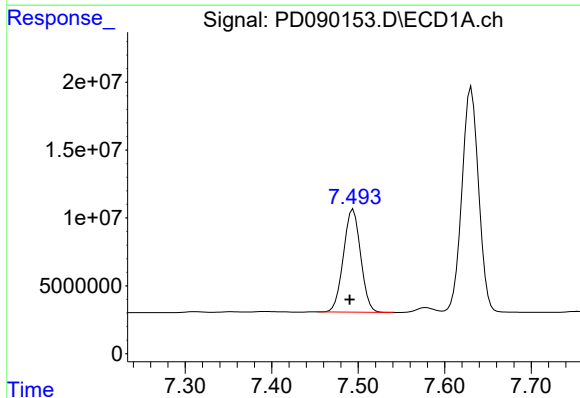
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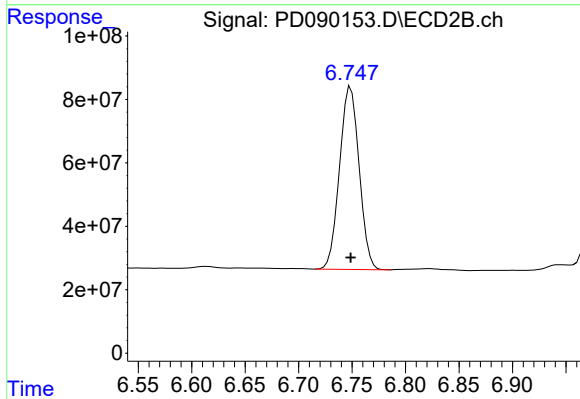
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1337757355
Conc: 54.87 ng/ml



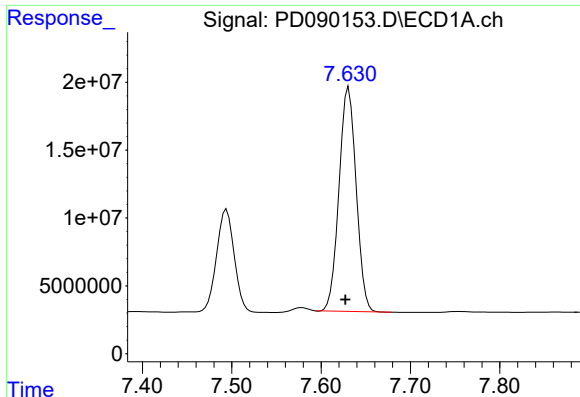
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.004 min
Response: 103824111
Conc: 51.77 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 735950616
Conc: 57.07 ng/ml



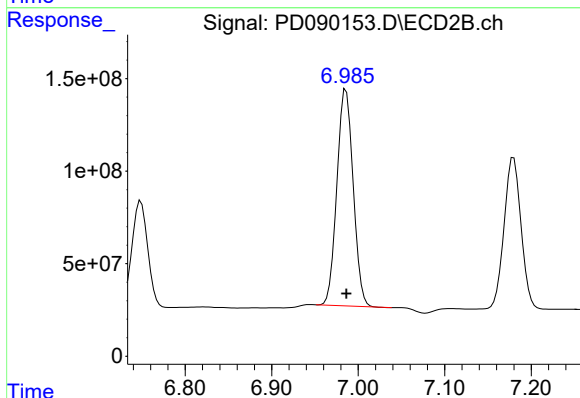
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 219748464
Conc: 53.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

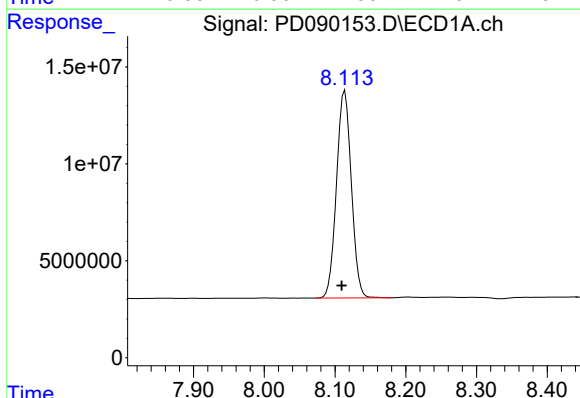
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/05/2025
Supervised By :mohammad ahmed 09/09/2025



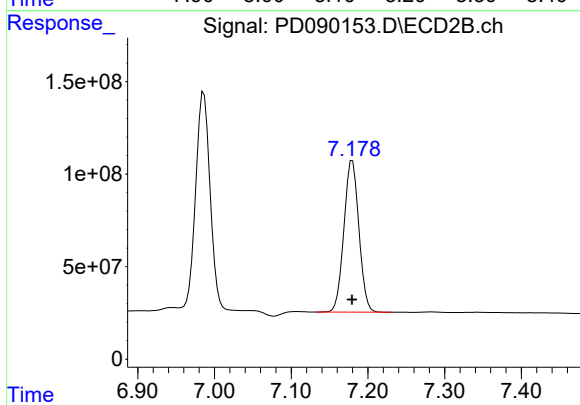
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1521293031
Conc: 57.10 ng/ml



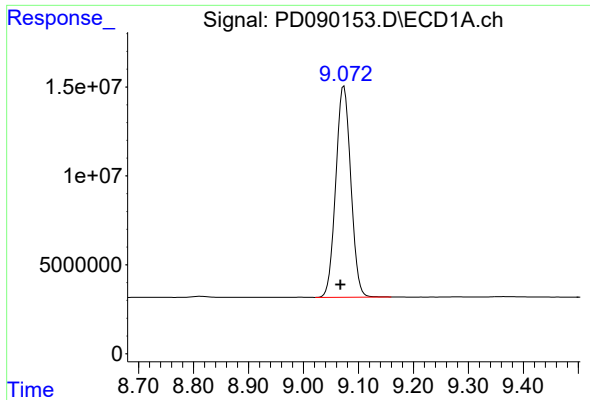
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.004 min
Response: 155860753
Conc: 49.41 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 1118835500
Conc: 54.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.006 min
Response: 225645730
Conc: 52.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

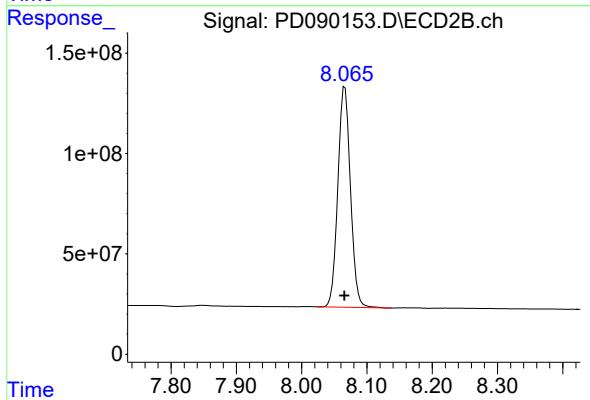
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 1477866187
Conc: 57.09 ng/ml