

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
 Data File : PD090164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 09:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/08/2025
 Supervised By : mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 09:15:37 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...	3.549	2.878	150.2E6	1177.6E6	51.189	53.407
28)	SA Decachlor...	9.070	8.065	223.8E6	1403.2E6	51.846	54.207
Target Compounds							
2)	A alpha-BHC	3.998	3.389	337.1E6	1921.4E6	56.163	56.613
3)	MA gamma-BHC...	4.329	3.726	318.6E6	1755.8E6	55.627	56.328
4)	MA Heptachlor	4.927	4.078	303.8E6	1676.5E6	54.154	53.748
5)	MB Aldrin	5.269	4.364	301.4E6	1711.5E6	55.669	56.196
6)	B beta-BHC	4.515	4.021	120.8E6	726.0E6	53.852	54.461
7)	B delta-BHC	4.764	4.257	312.2E6	1768.9E6	60.306	56.066
8)	B Heptachlo...	5.689	4.867	266.8E6	1538.2E6	54.371	55.541
9)	A Endosulfan I	6.072	5.241	249.9E6	1302.9E6	54.159	49.689
10)	B gamma-Chl...	5.944	5.120	269.7E6	1661.9E6	55.134	56.123
11)	B alpha-Chl...	6.025	5.184	267.9E6	1582.2E6	54.431	55.442
12)	B 4,4'-DDE	6.194	5.369	233.9E6	1611.9E6	53.302	55.926
13)	MA Dieldrin	6.345	5.507	267.2E6	1651.3E6	54.586	56.382
14)	MA Endrin	6.572	5.784	216.6E6	1484.5E6	52.279	55.739
15)	B Endosulfa...	6.784	6.075	228.7E6	1393.9E6	54.207	55.105
16)	A 4,4'-DDD	6.704	5.923	206.9E6	1379.8E6	59.823	57.389
17)	MA 4,4'-DDT	7.019	6.177	183.6E6	1281.2E6	48.204	51.107
18)	B Endrin al...	6.913	6.253	159.7E6	1005.0E6	55.710	58.362
19)	B Endosulfa...	7.148	6.477	204.2E6	1308.7E6	52.108	53.682
20)	A Methoxychlor	7.492	6.748	105.9E6	715.8E6	52.821	55.507
21)	B Endrin ke...	7.628	6.984	221.0E6	1533.5E6	53.328	57.554m
22)	Mirex	8.112	7.179	155.7E6	1078.4E6	49.362	52.208

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
Data File : PD090164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 09:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

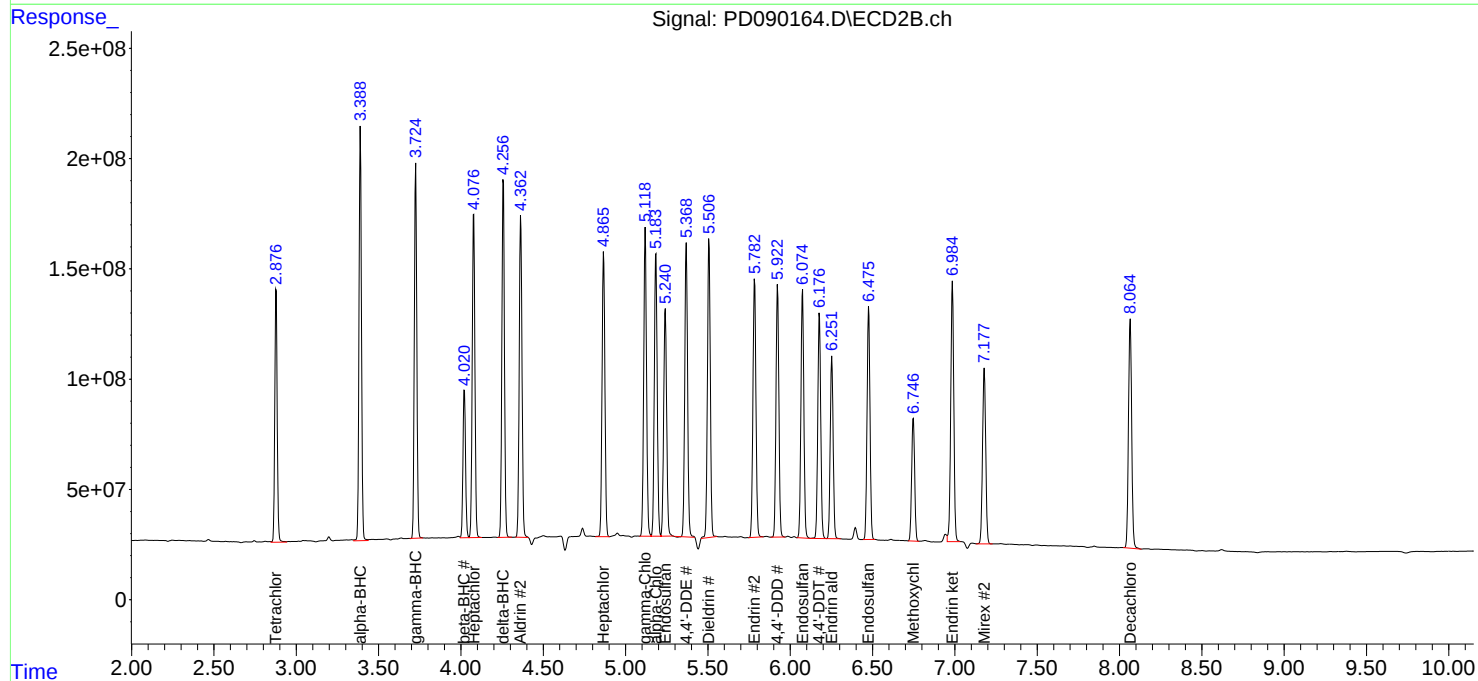
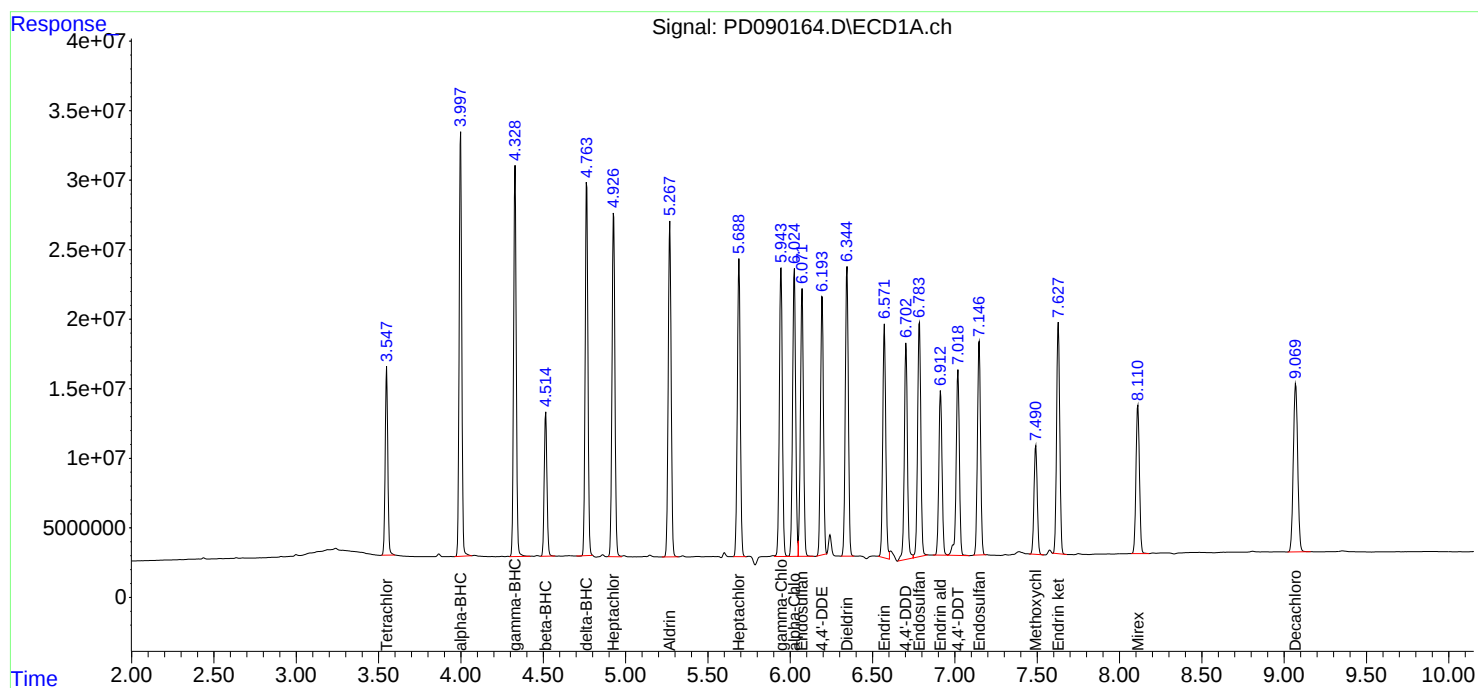
APPROVED

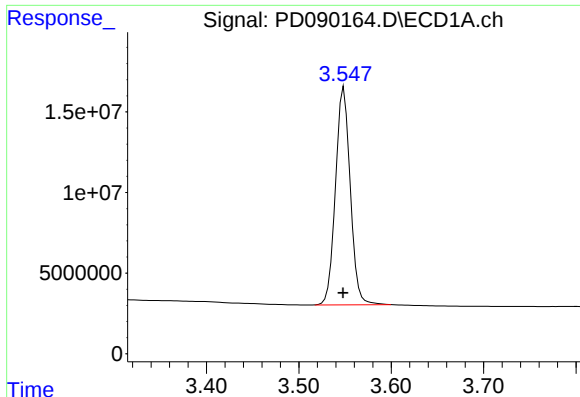
Reviewed By :Abdul Mirza 09/08/2025

Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 09:15:37 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





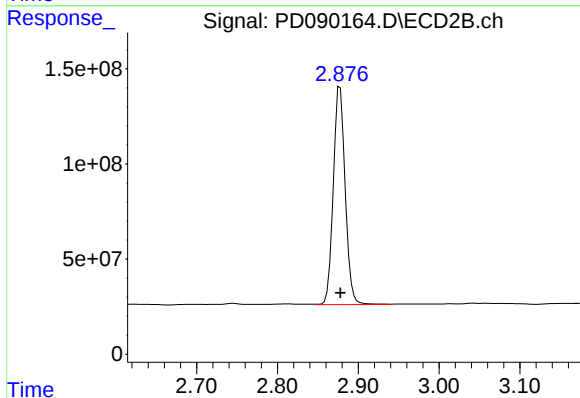
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 150230292
Conc: 51.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

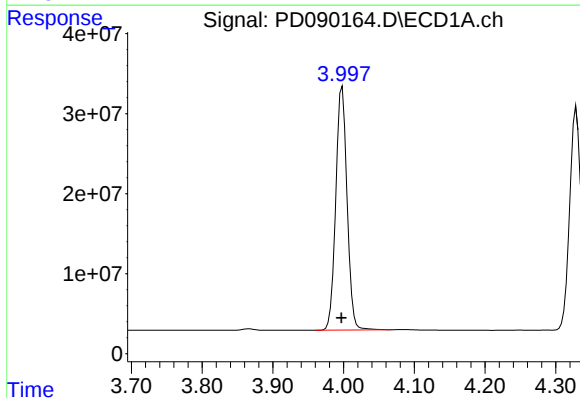
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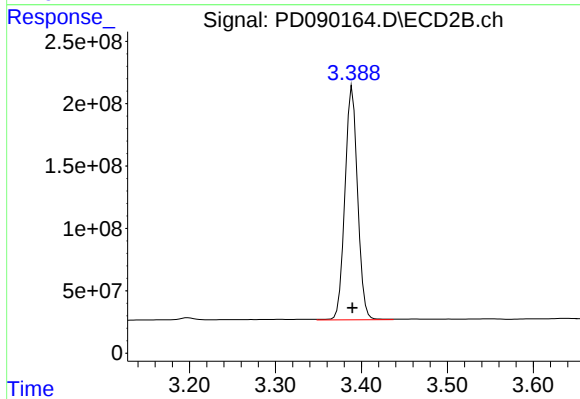
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 1177649363
Conc: 53.41 ng/ml



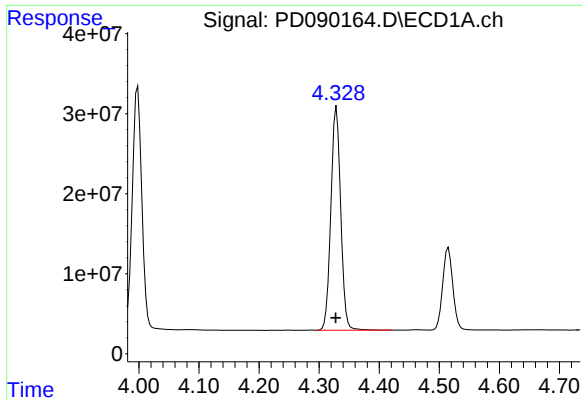
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 337103753
Conc: 56.16 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1921387649
Conc: 56.61 ng/ml



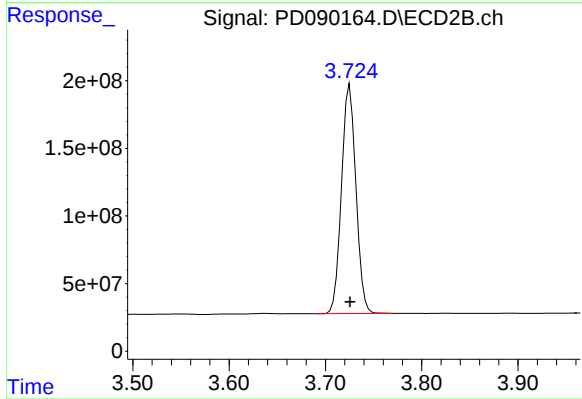
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 318566968
Conc: 55.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

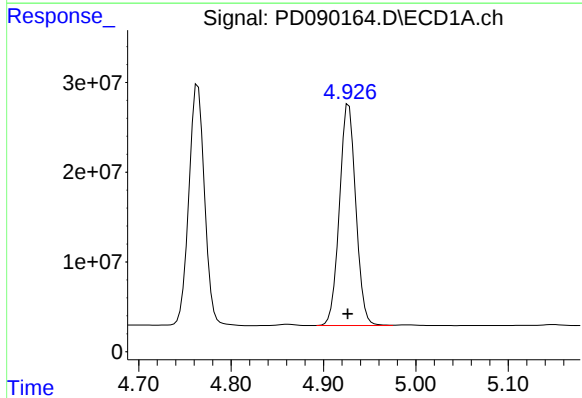
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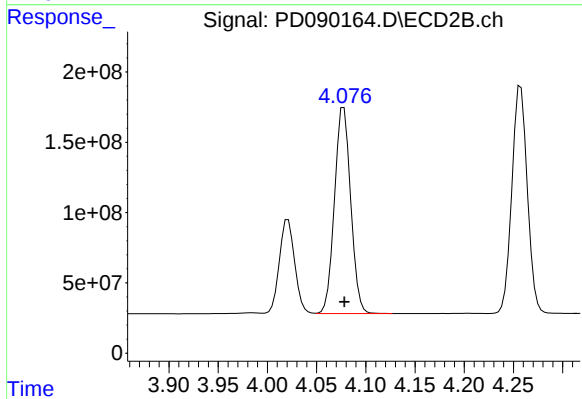
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1755782731
Conc: 56.33 ng/ml



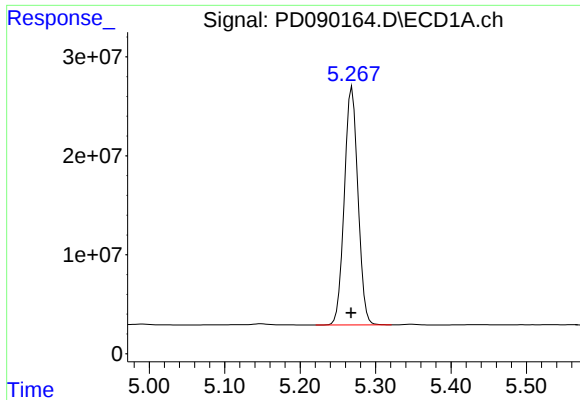
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 303757042
Conc: 54.15 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1676482109
Conc: 53.75 ng/ml



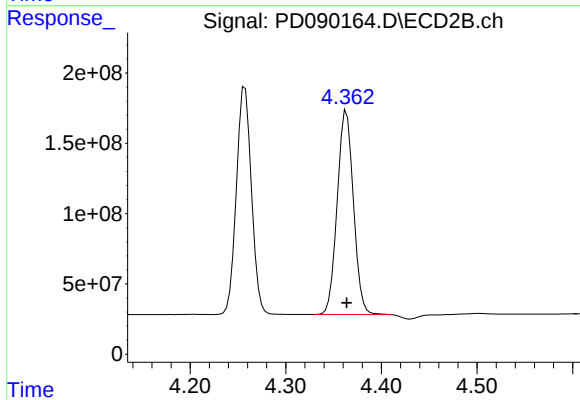
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.001 min
Response: 301423041
Conc: 55.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

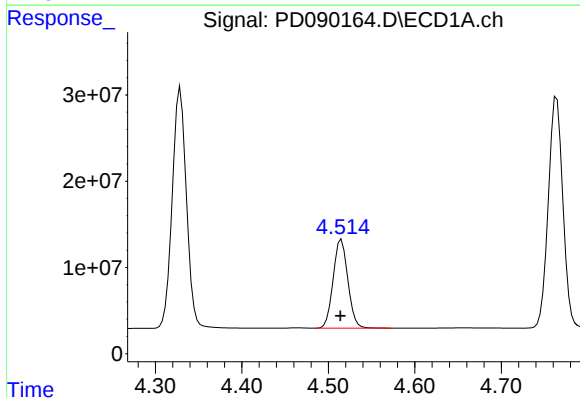
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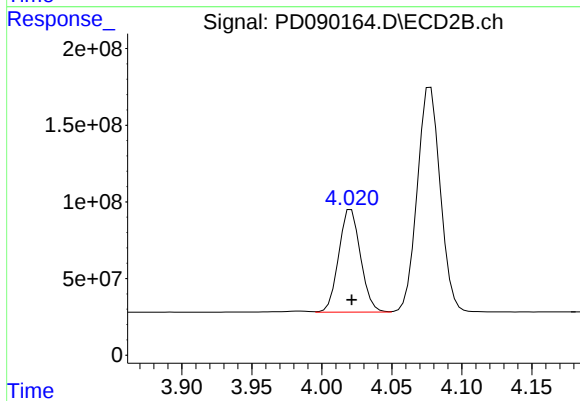
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1711497220
Conc: 56.20 ng/ml



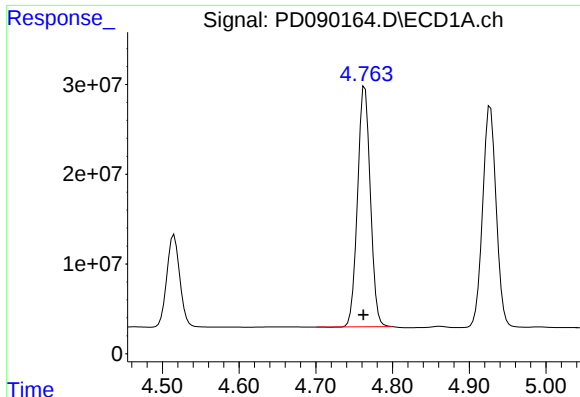
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 120791916
Conc: 53.85 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 725970371
Conc: 54.46 ng/ml



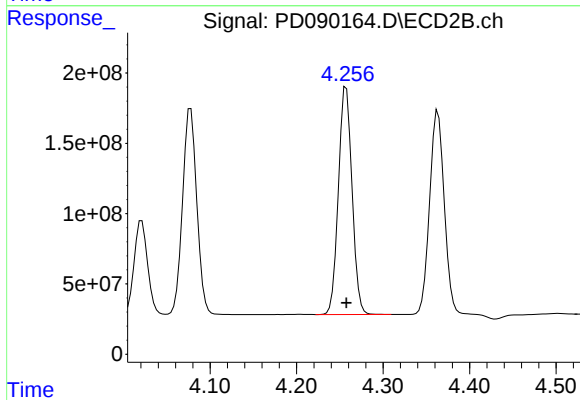
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 312246264
Conc: 60.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

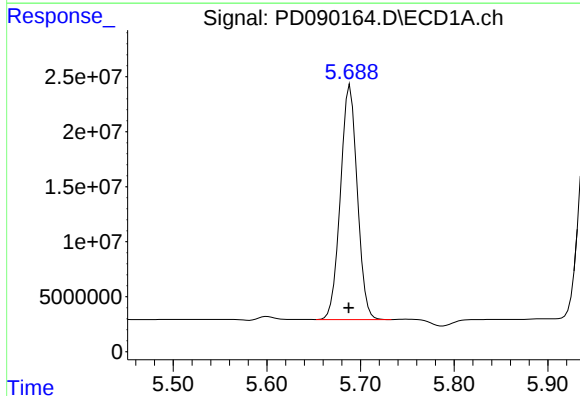
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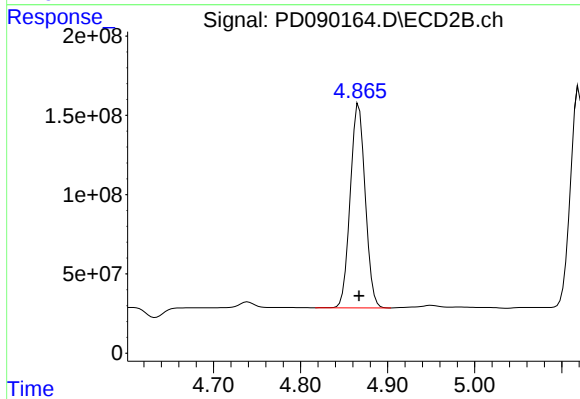
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1768872650
Conc: 56.07 ng/ml



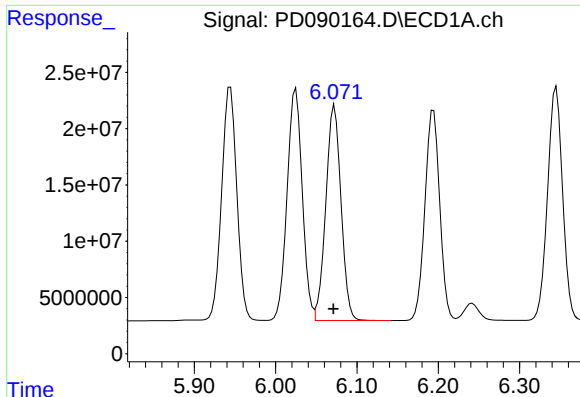
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 266786327
Conc: 54.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1538187875
Conc: 55.54 ng/ml



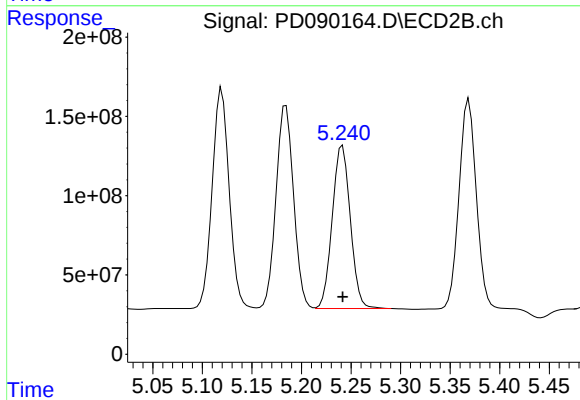
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 249937479
Conc: 54.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

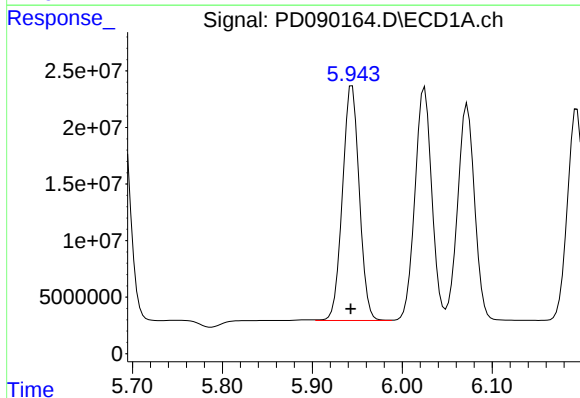
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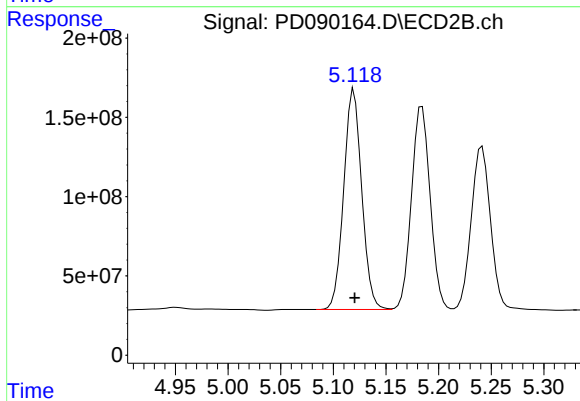
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1302936932
Conc: 49.69 ng/ml



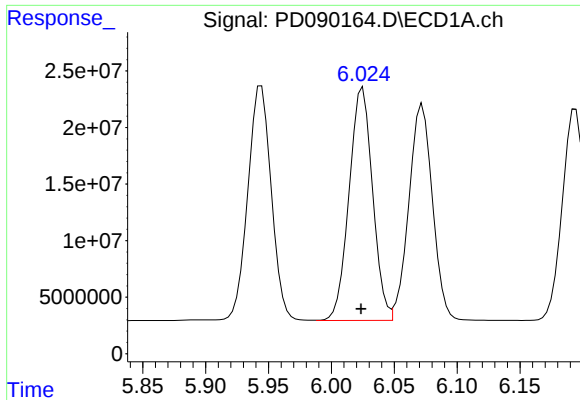
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 269660198
Conc: 55.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1661874364
Conc: 56.12 ng/ml



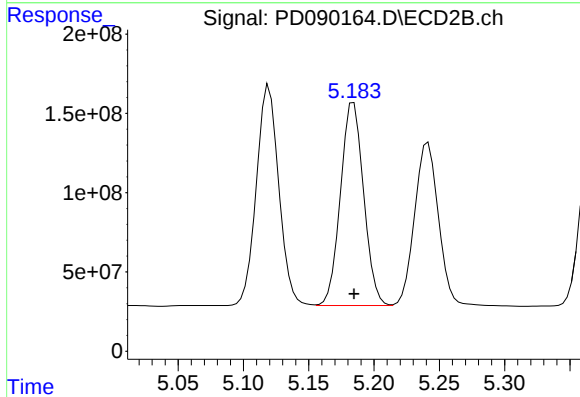
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 267930364
Conc: 54.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

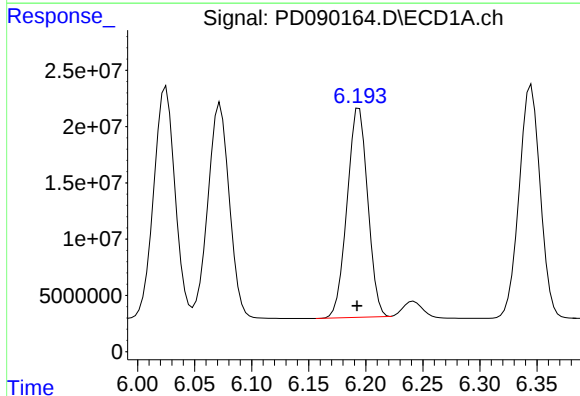
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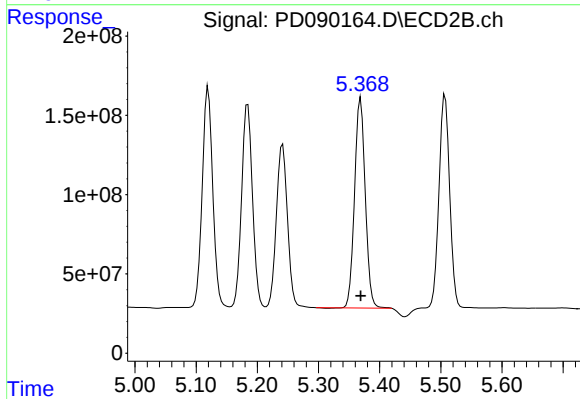
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1582218537
Conc: 55.44 ng/ml



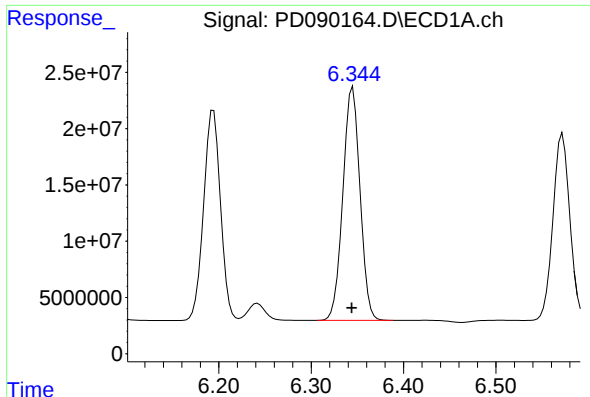
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 233905402
Conc: 53.30 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1611946165
Conc: 55.93 ng/ml



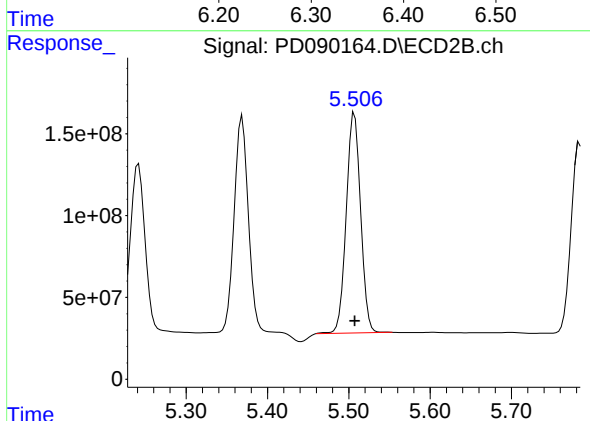
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 267241091
Conc: 54.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

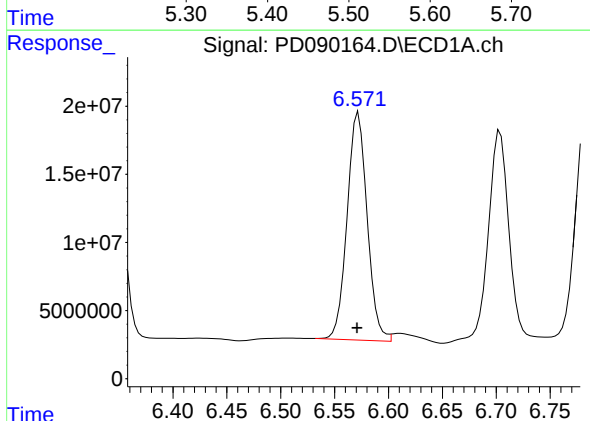
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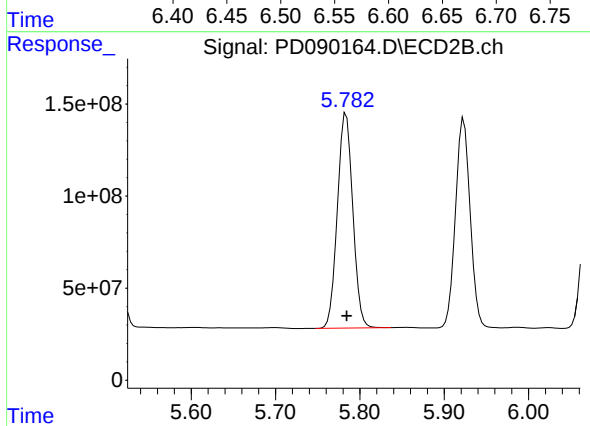
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1651271255
Conc: 56.38 ng/ml



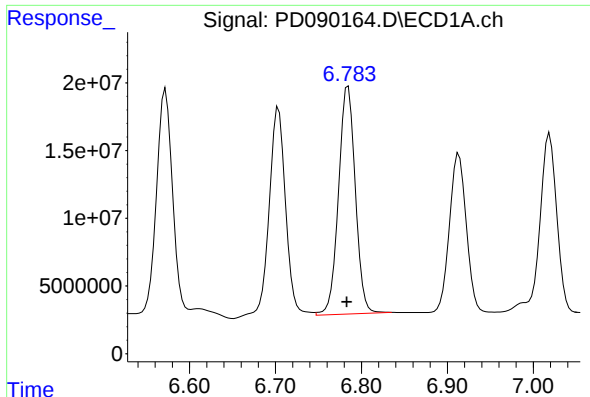
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 216622258
Conc: 52.28 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1484464592
Conc: 55.74 ng/ml



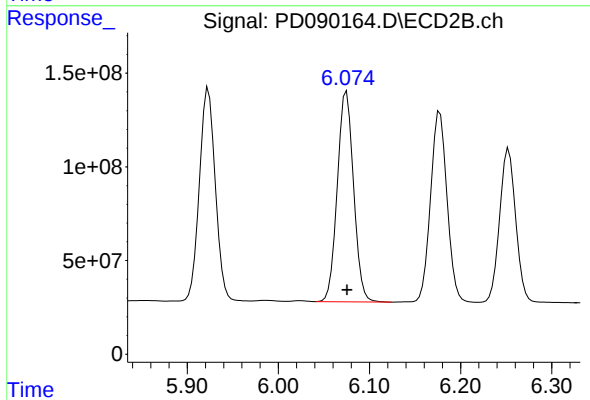
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 228738898
Conc: 54.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

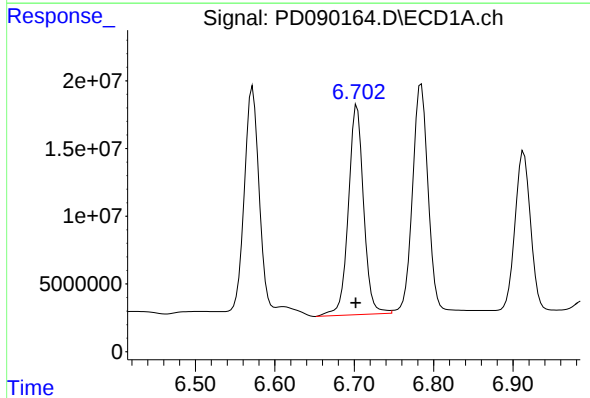
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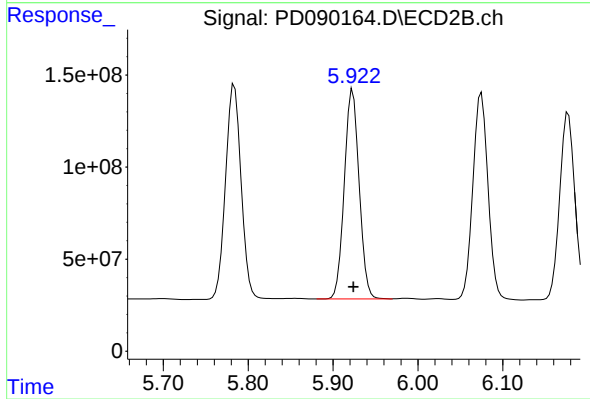
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1393861383
Conc: 55.11 ng/ml



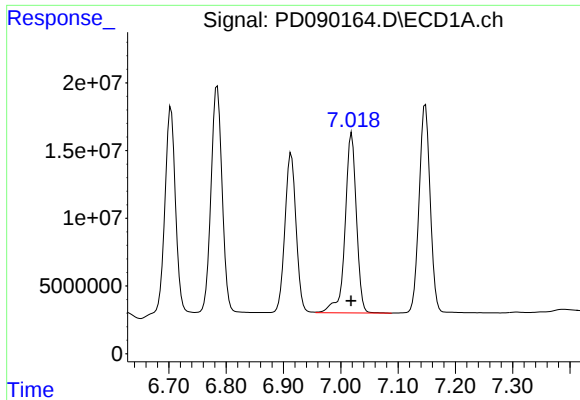
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 206933357
Conc: 59.82 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1379832636
Conc: 57.39 ng/ml



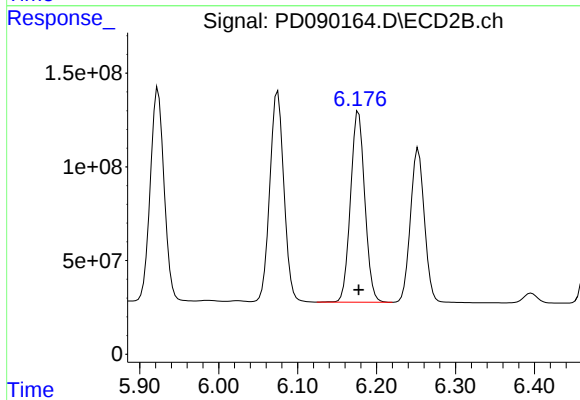
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 183643464
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

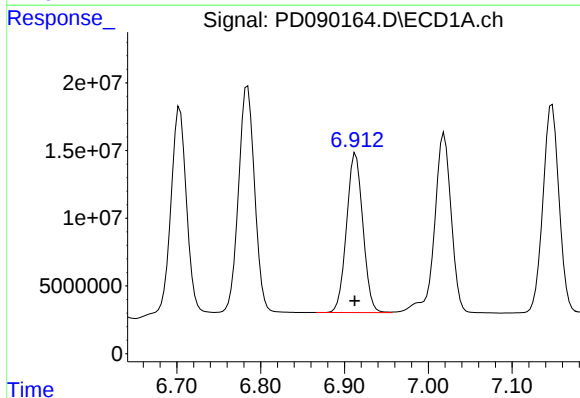
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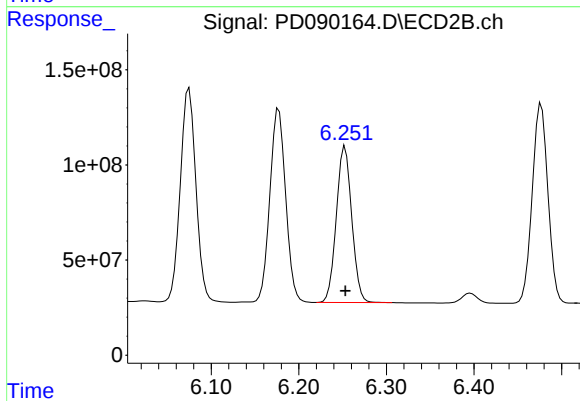
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1281229151
Conc: 51.11 ng/ml



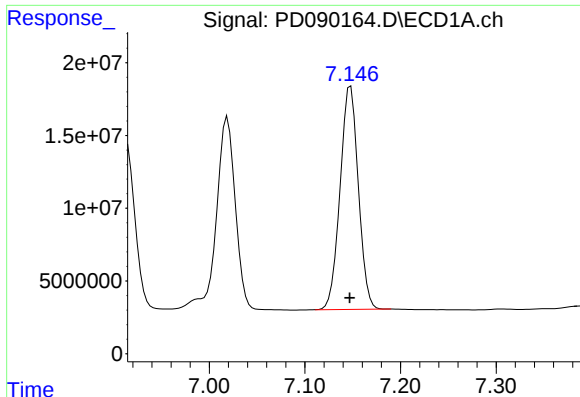
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 159728119
Conc: 55.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1004988419
Conc: 58.36 ng/ml



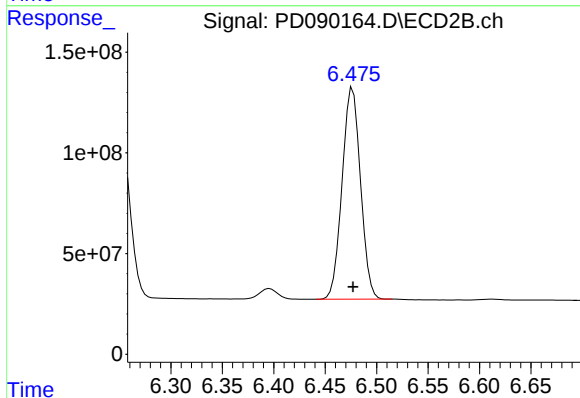
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.001 min
Response: 204185885
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

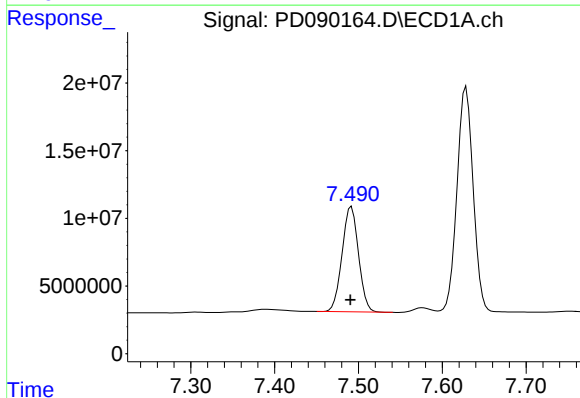
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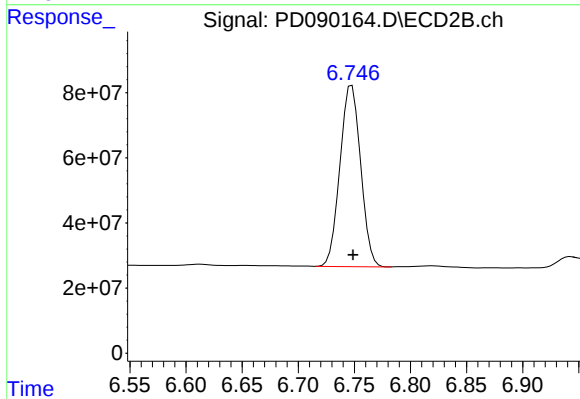
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1308736393
Conc: 53.68 ng/ml



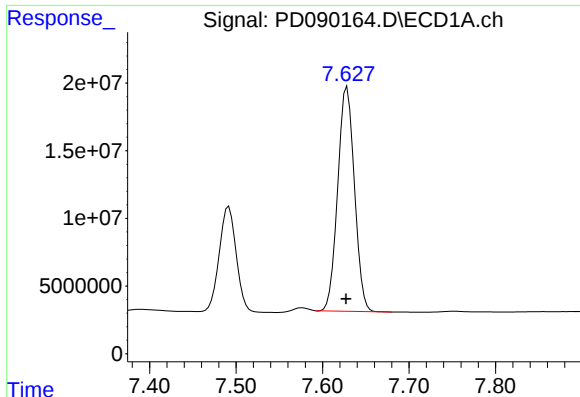
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.001 min
Response: 105937998
Conc: 52.82 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 715808350
Conc: 55.51 ng/ml



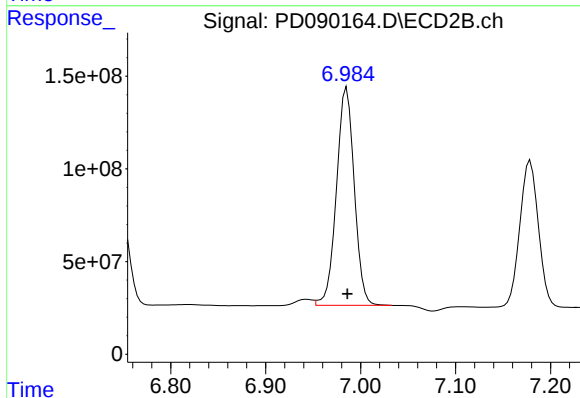
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.001 min
Response: 221017367
Conc: 53.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

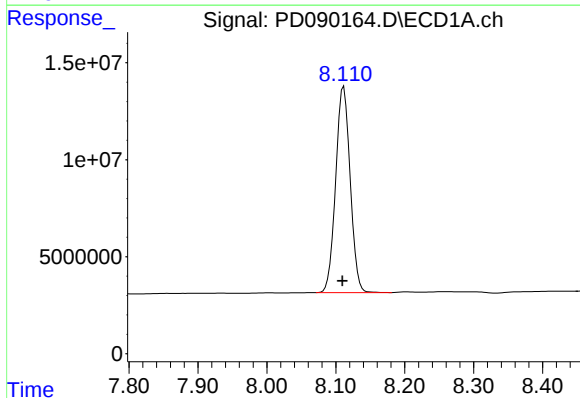
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



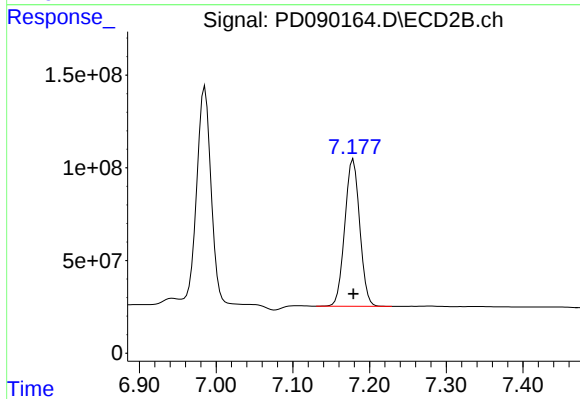
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1533504452
Conc: 57.55 ng/ml m



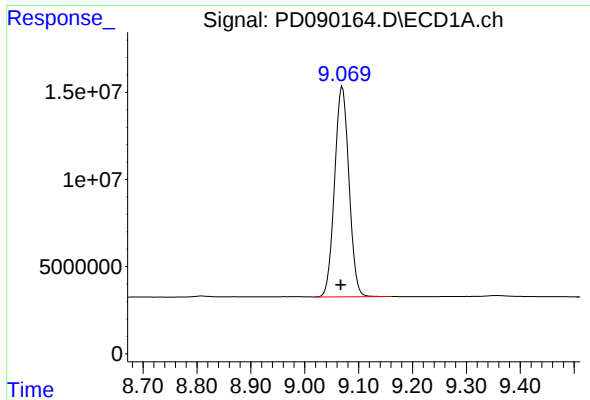
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.002 min
Response: 155712550
Conc: 49.36 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 1078386471
Conc: 52.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 223765974
Conc: 51.85 ng/ml

Instrument :

ECD_D

ClientSampleId :

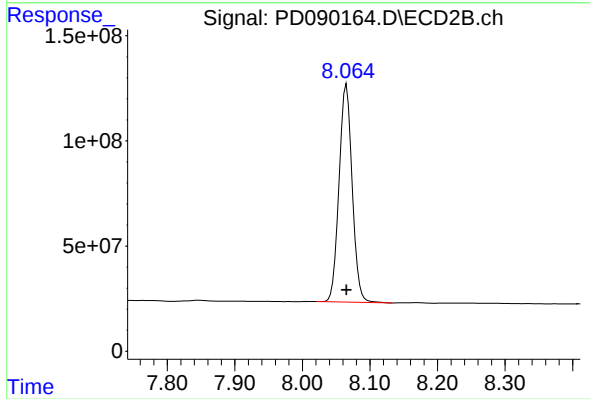
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/08/2025

Supervised By :mohammad ahmed 09/09/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1403206288
Conc: 54.21 ng/ml