

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081325\
 Data File : PD089876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2025 20:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 08/13/2025

Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 02:15:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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	2.878	119.3E6	923.0E6	48.369	58.276
28)	SA Decachlor...	9.068	8.066	163.9E6	1045.8E6	44.100	52.089
Target Compounds							
2)	A alpha-BHC	3.997	3.390	247.2E6	1438.8E6	49.895	59.199
3)	MA gamma-BHC...	4.328	3.726	235.5E6	1327.2E6	49.556	58.922
4)	MA Heptachlor	4.926	4.079	216.6E6	1282.4E6	45.017	55.254
5)	MB Aldrin	5.267	4.365	222.2E6	1316.3E6	48.665	59.156
6)	B beta-BHC	4.514	4.022	90944432	563.0E6	49.301	58.346
7)	B delta-BHC	4.762	4.258	226.4E6	1344.1E6	49.370	59.174
8)	B Heptachlo...	5.688	4.869	197.6E6	1188.4E6	47.264	57.830
9)	A Endosulfan I	6.071	5.242	185.2E6	1054.3E6	46.732	53.931
10)	B gamma-Chl...	5.943	5.121	196.5E6	1282.7E6	47.029	59.240 #
11)	B alpha-Chl...	6.024	5.186	197.6E6	1224.9E6	47.006	58.829 #
12)	B 4,4'-DDE	6.193	5.371	172.9E6	1238.4E6	46.369	58.590 #
13)	MA Dieldrin	6.343	5.508	196.3E6	1270.3E6	46.489	58.705 #
14)	MA Endrin	6.571	5.784	156.3E6	1191.0E6	43.700	59.771m#
15)	B Endosulfa...	6.783	6.076	164.8E6	1076.7E6	44.925	57.273 #
16)	A 4,4'-DDD	6.702	5.923	151.3E6	1056.1E6	50.515	59.896m
17)	MA 4,4'-DDT	7.018	6.179	135.2E6	978.2E6	40.234	53.243 #
18)	B Endrin al...	6.912	6.254	117.5E6	765.4E6	47.075	59.239 #
19)	B Endosulfa...	7.146	6.478	153.3E6	1029.8E6	44.188	55.469 #
20)	A Methoxychlor	7.490	6.749	72632539	525.2E6	40.623	53.617 #
21)	B Endrin ke...	7.627	6.987	167.0E6	1149.0E6	44.954	57.255 #
22)	Mirex	8.110	7.180	120.6E6	861.1E6	43.260	56.573 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081325\
Data File : PD089876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 20:12
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

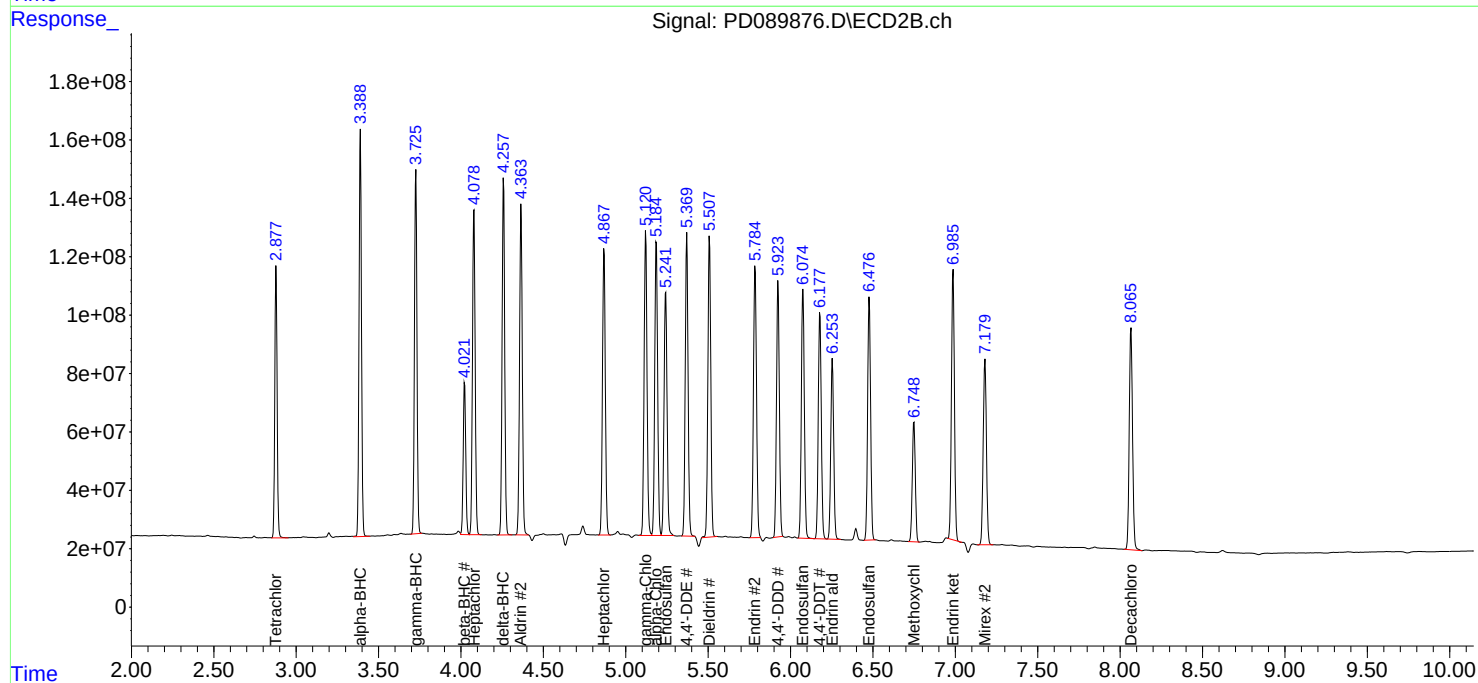
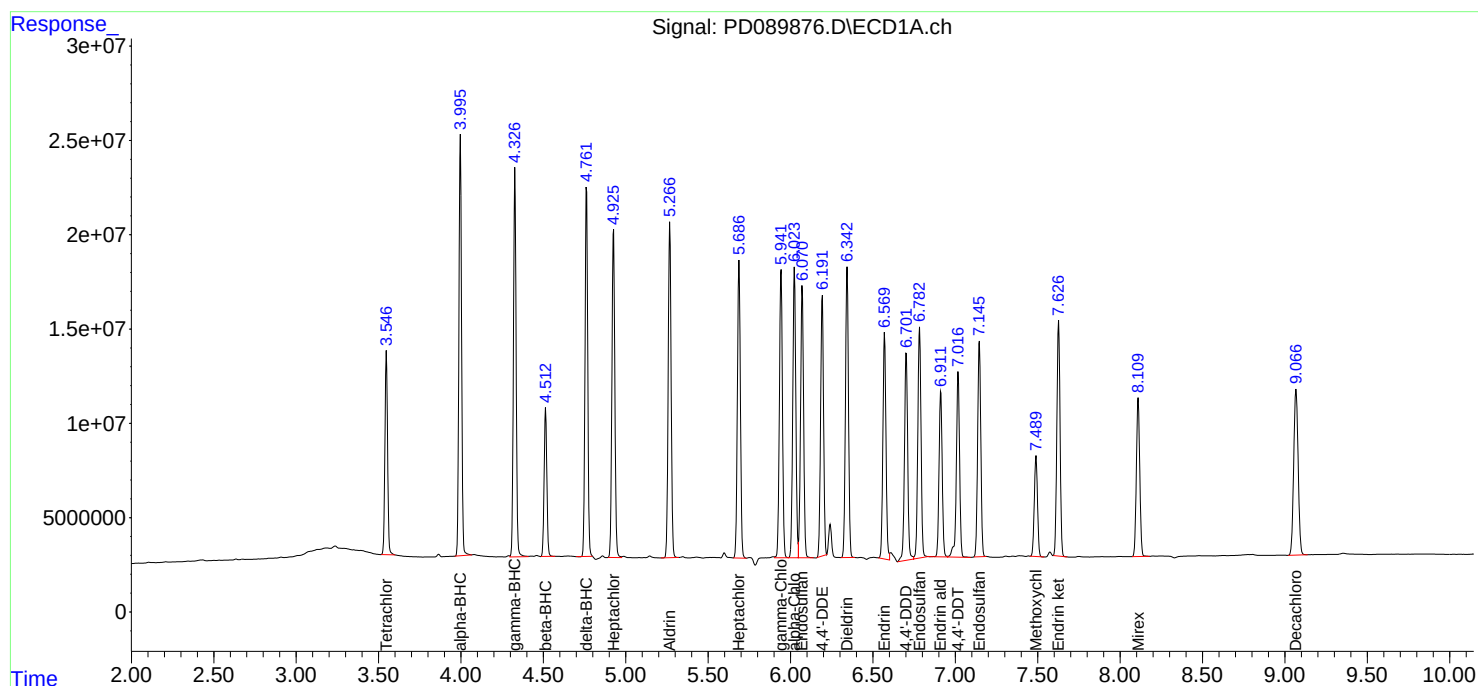
APPROVED

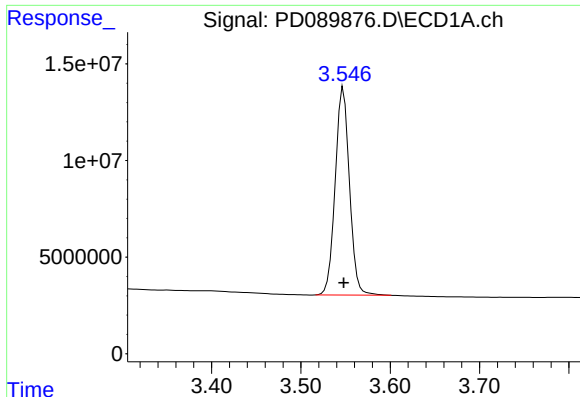
Reviewed By :Abdul Mirza 08/13/2025

Supervised By :mohammad ahmed 08/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 02:15:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





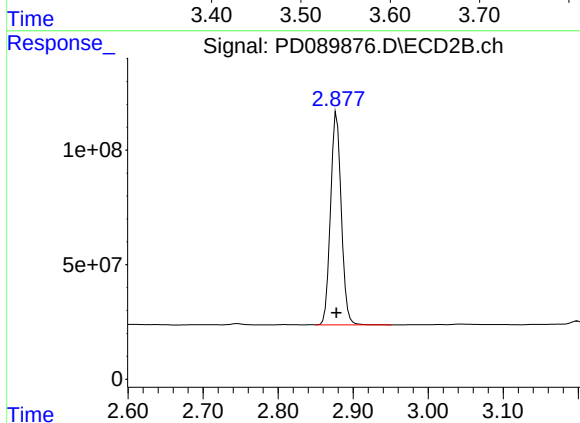
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 119306923
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

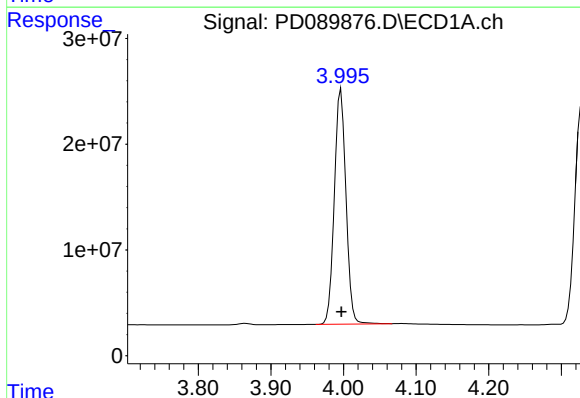
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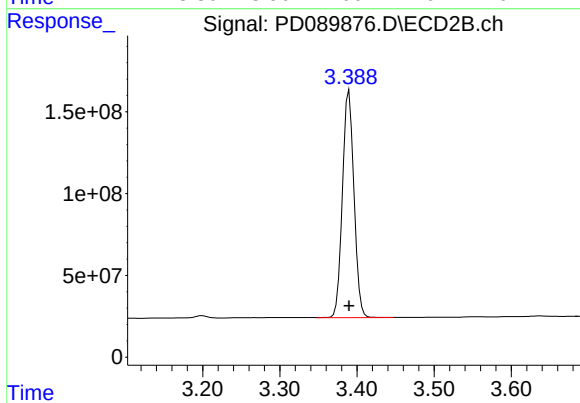
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 922964774
Conc: 58.28 ng/ml



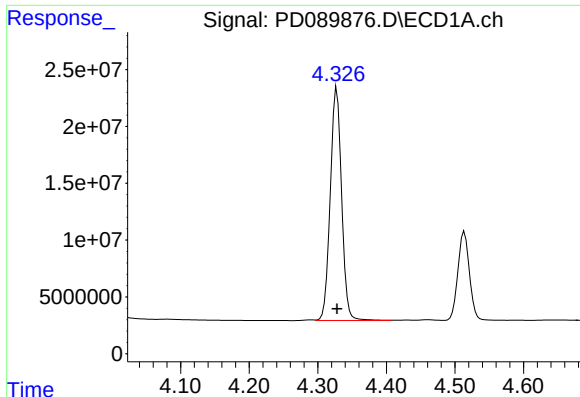
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 247156580
Conc: 49.90 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 1438836550
Conc: 59.20 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 235507761
Conc: 49.56 ng/ml

Instrument :

ECD_D

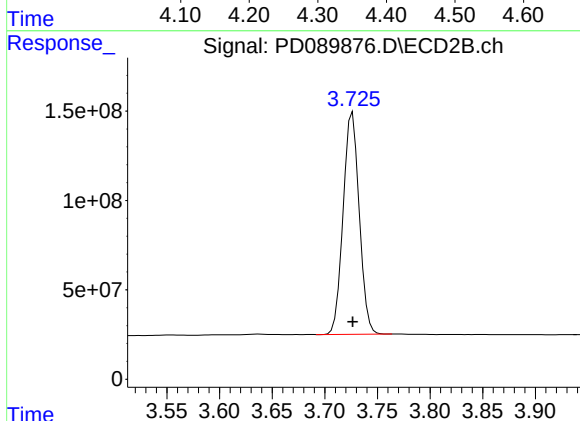
ClientSampleId :

PSTDCCC050

Manual Integrations

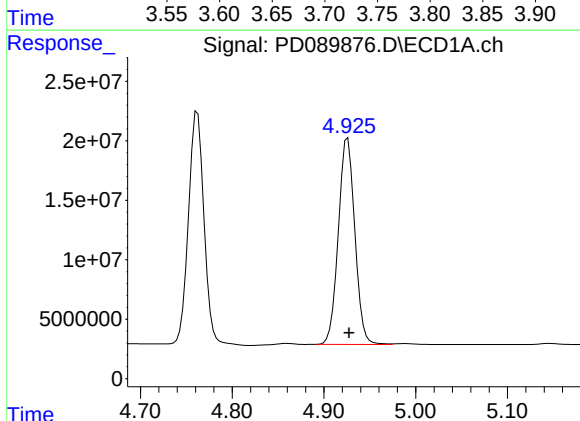
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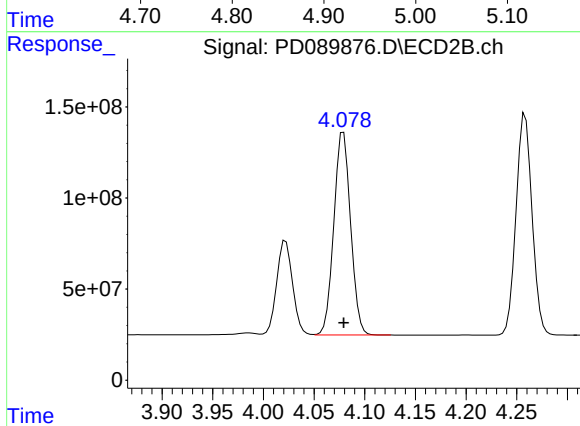
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1327158614
Conc: 58.92 ng/ml



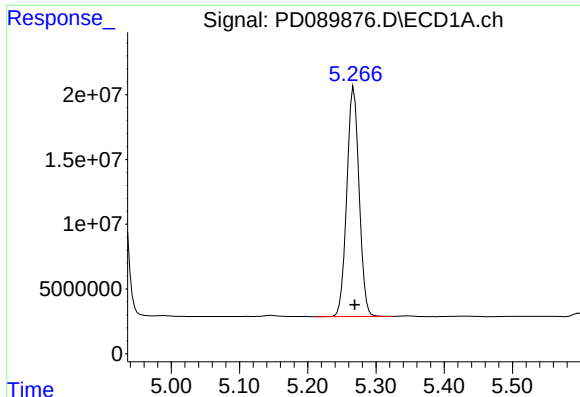
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 216600998
Conc: 45.02 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1282404547
Conc: 55.25 ng/ml



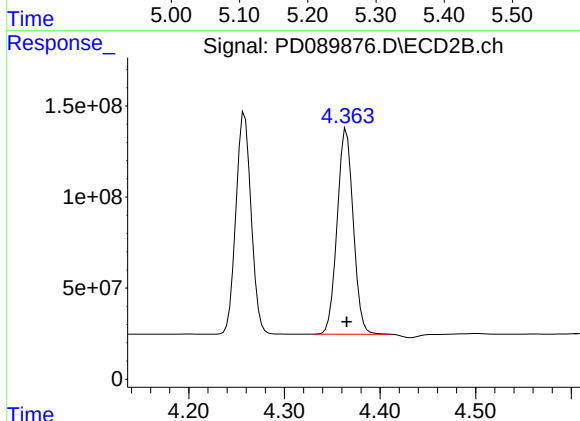
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 222151748
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

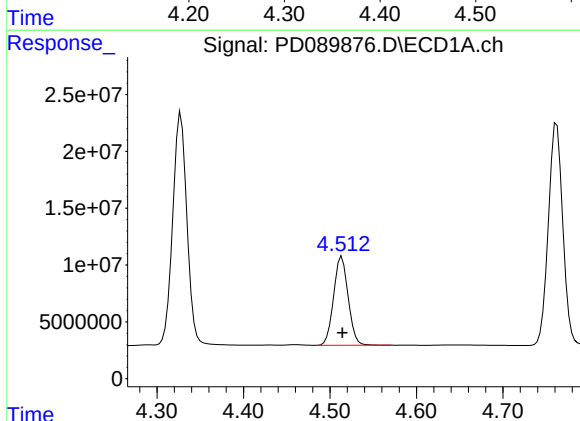
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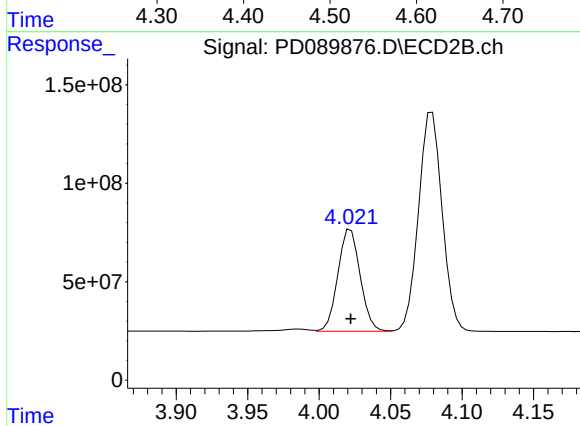
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1316261244
Conc: 59.16 ng/ml



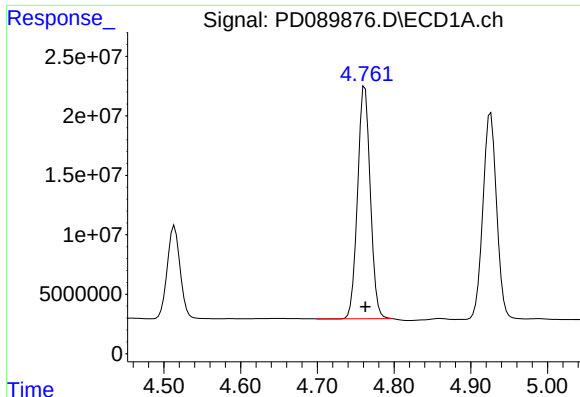
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 90944432
Conc: 49.30 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 562983056
Conc: 58.35 ng/ml



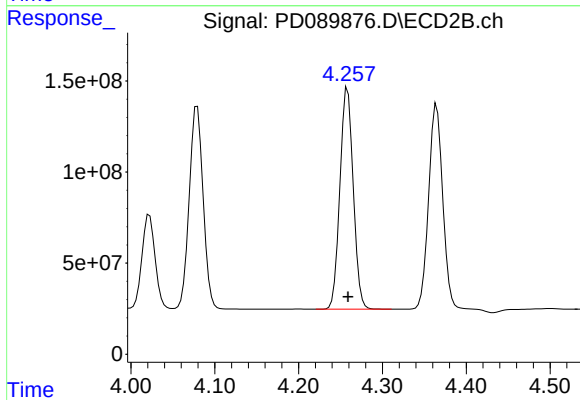
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 226421967
Conc: 49.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

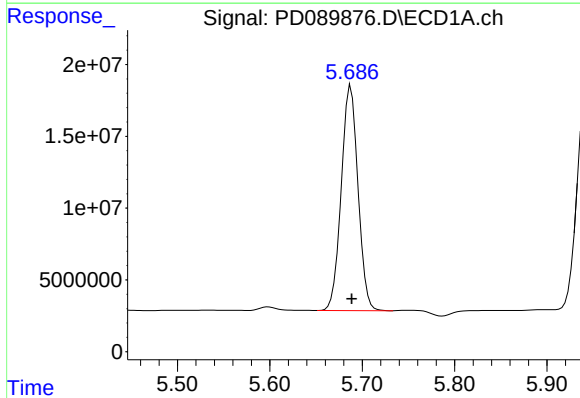
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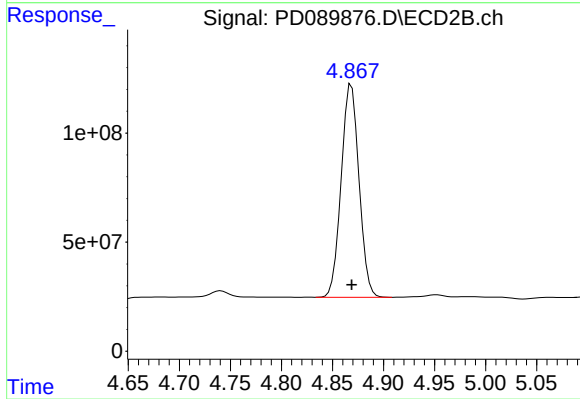
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1344130892
Conc: 59.17 ng/ml



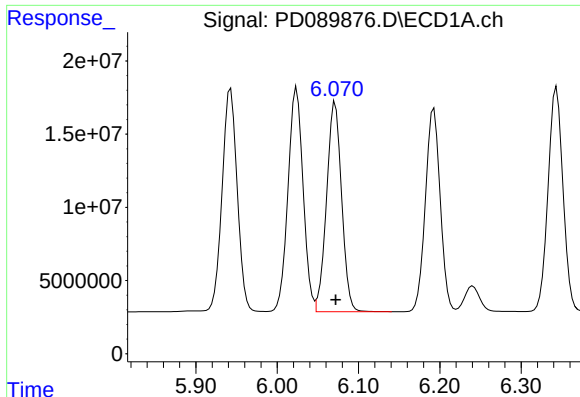
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 197596303
Conc: 47.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1188391216
Conc: 57.83 ng/ml



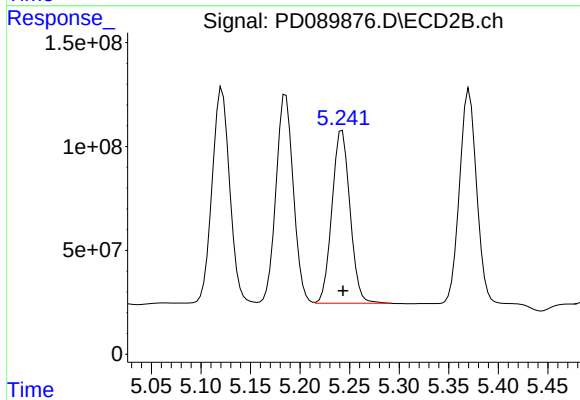
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 185226632
Conc: 46.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

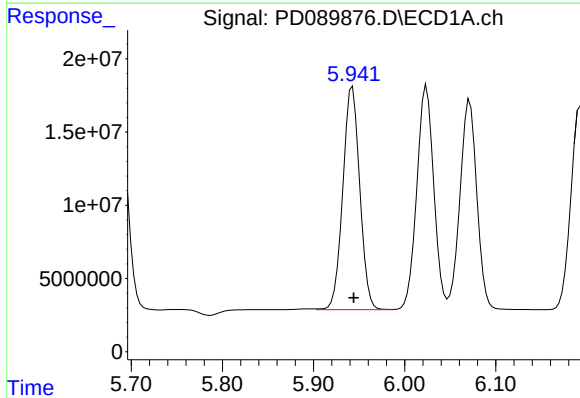
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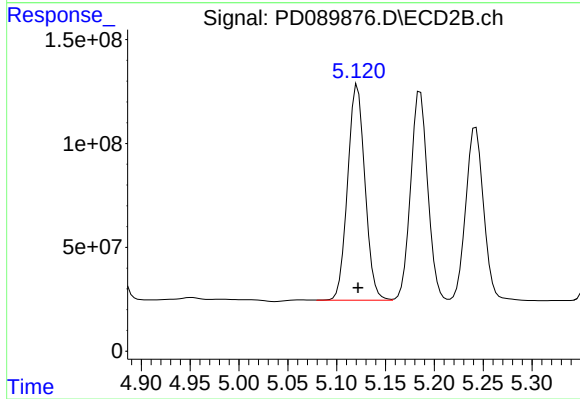
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1054267781
Conc: 53.93 ng/ml



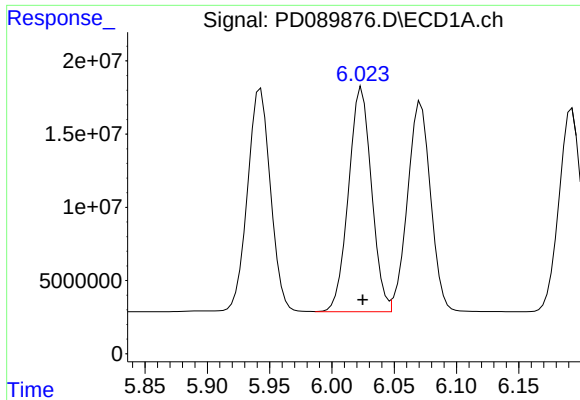
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 196539143
Conc: 47.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 1282737301
Conc: 59.24 ng/ml



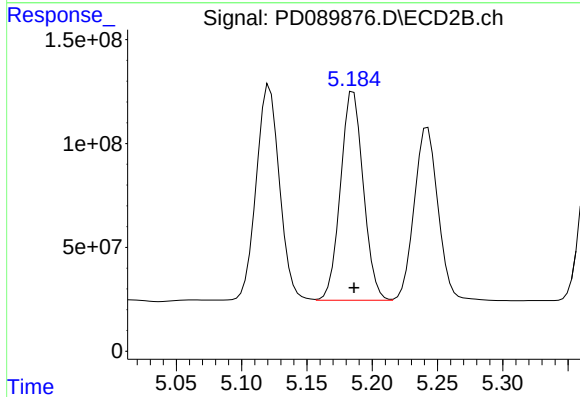
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 197621094
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

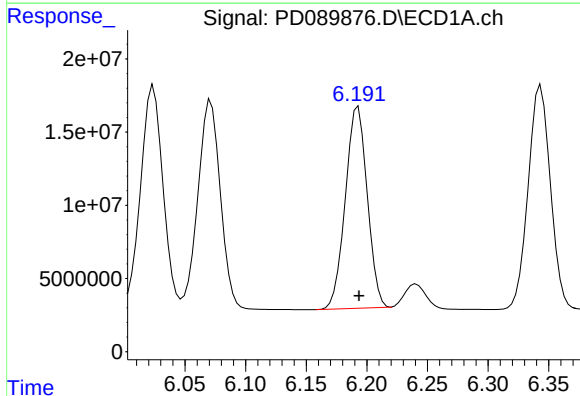
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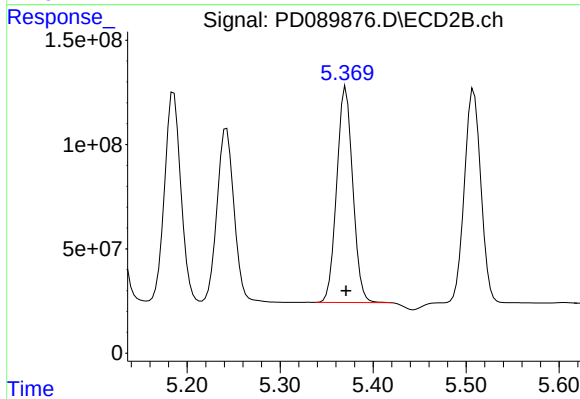
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1224943697
Conc: 58.83 ng/ml



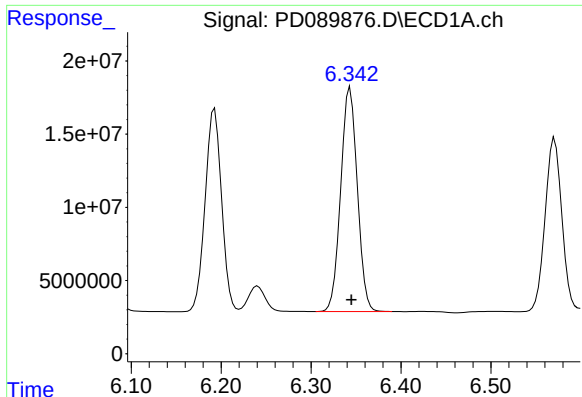
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 172946213
Conc: 46.37 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 1238425046
Conc: 58.59 ng/ml



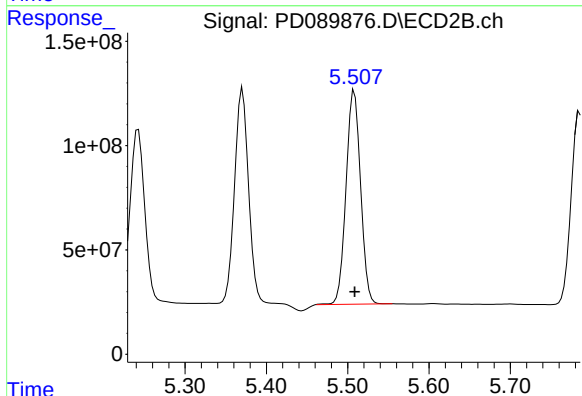
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 196342530
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

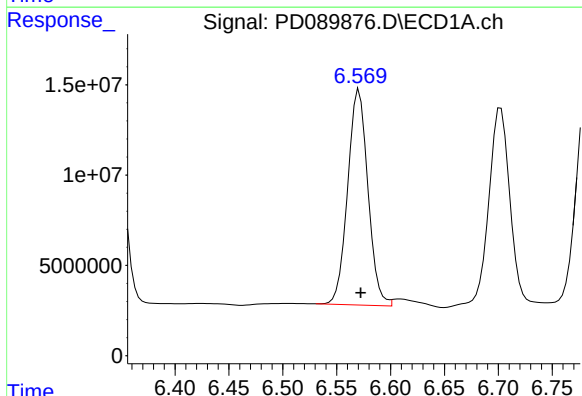
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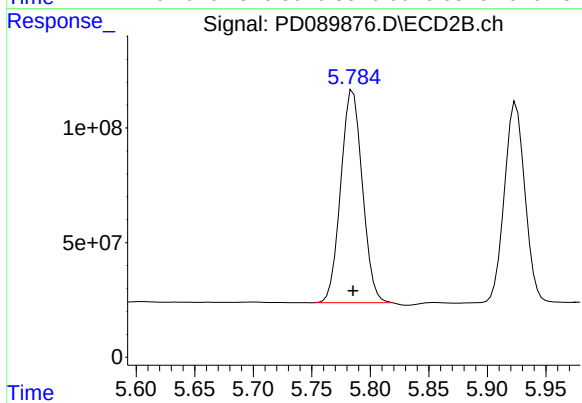
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1270319083
Conc: 58.71 ng/ml



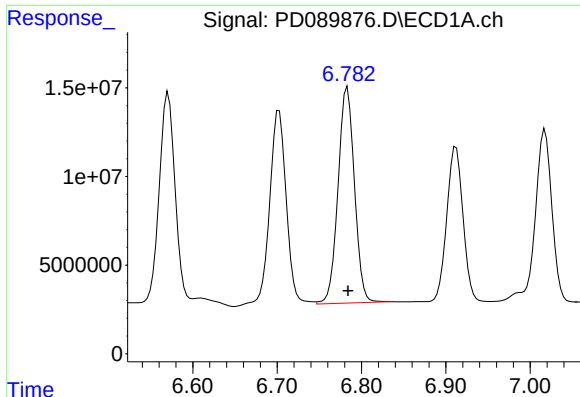
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 156345371
Conc: 43.70 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 1190952354
Conc: 59.77 ng/ml m



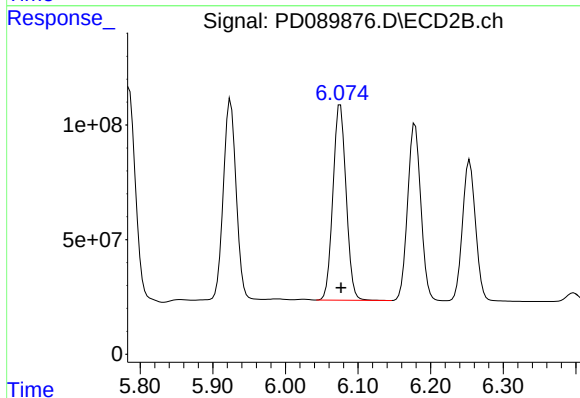
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 164845855
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

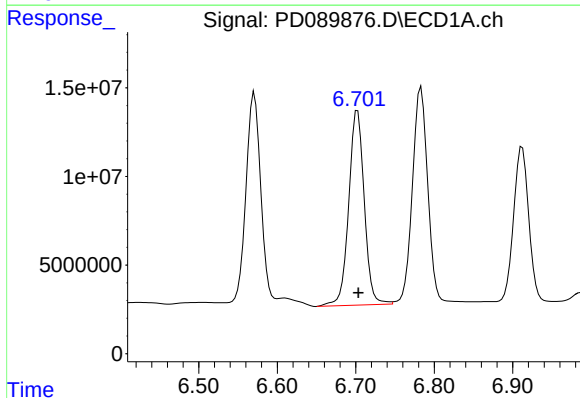
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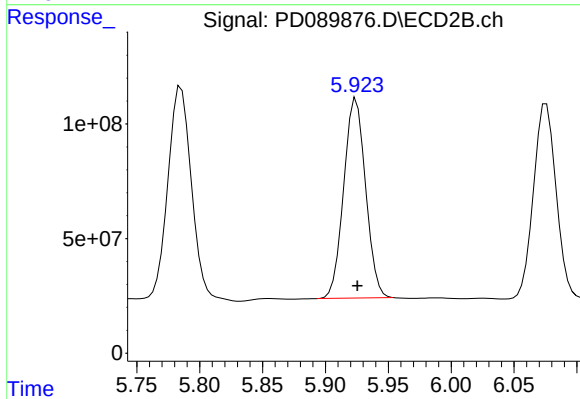
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 1076698712
Conc: 57.27 ng/ml



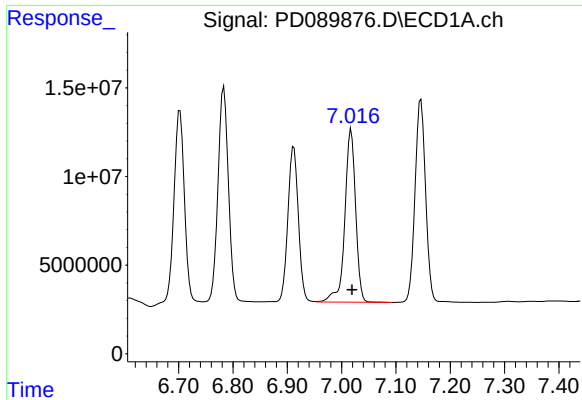
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 151283928
Conc: 50.52 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 1056121131
Conc: 59.90 ng/ml m



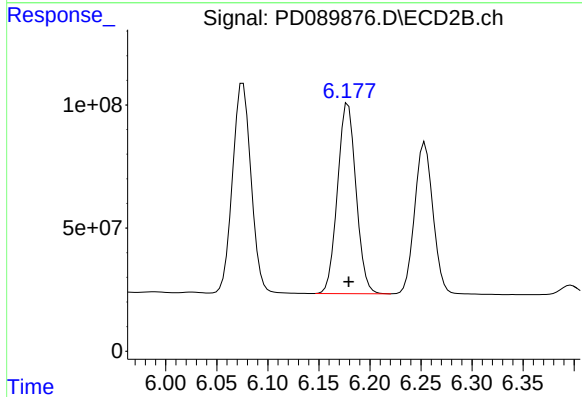
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 135197638
Conc: 40.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

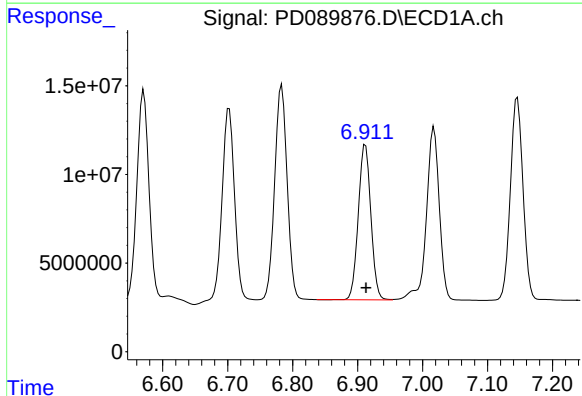
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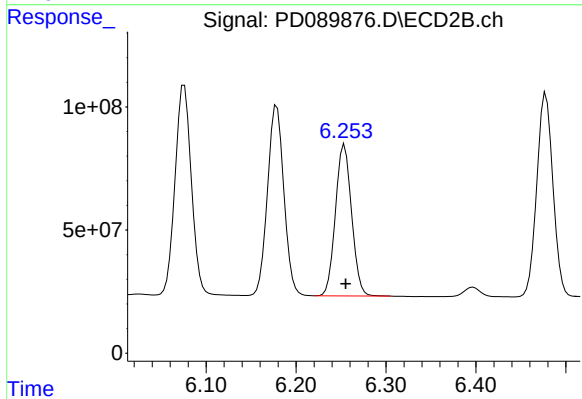
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 978212017
Conc: 53.24 ng/ml



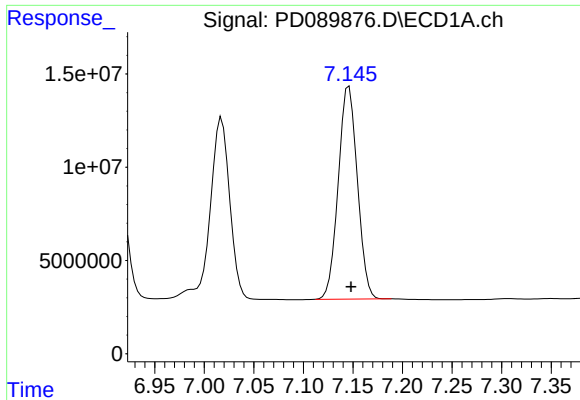
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 117479779
Conc: 47.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 765394382
Conc: 59.24 ng/ml



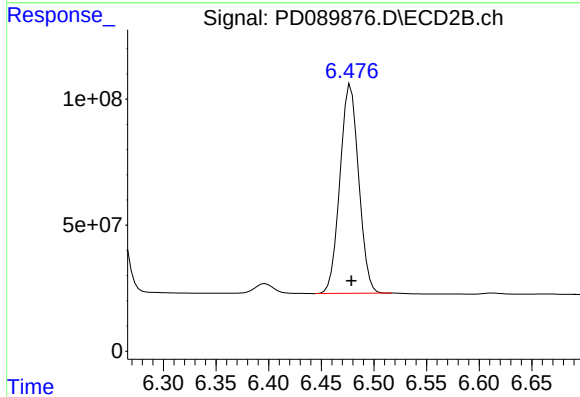
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 153336573
Conc: 44.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

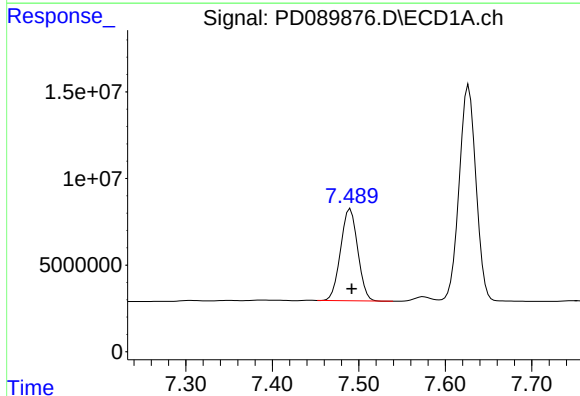
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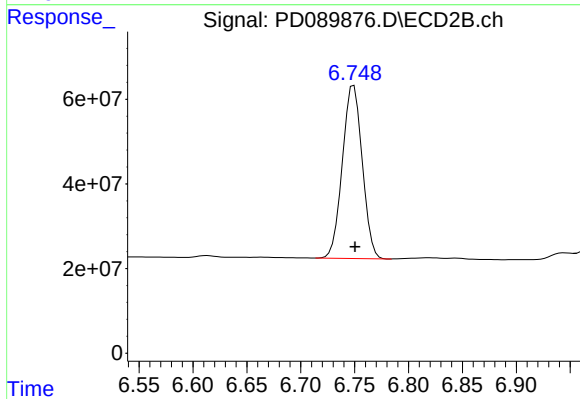
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 1029819082
Conc: 55.47 ng/ml



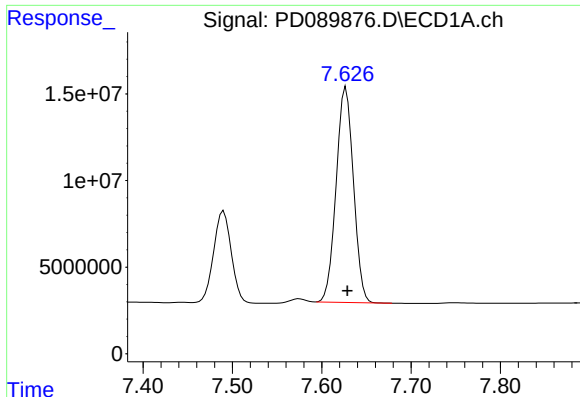
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 72632539
Conc: 40.62 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 525206510
Conc: 53.62 ng/ml



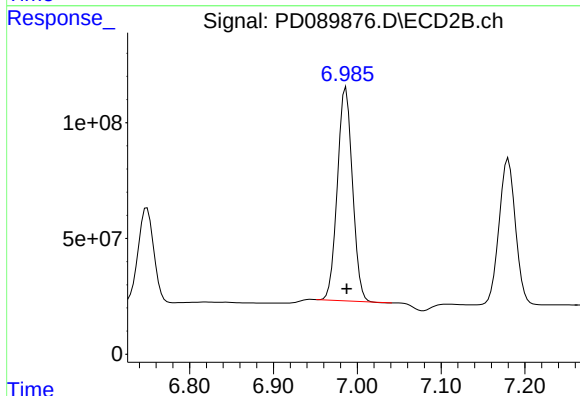
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 166965404
Conc: 44.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

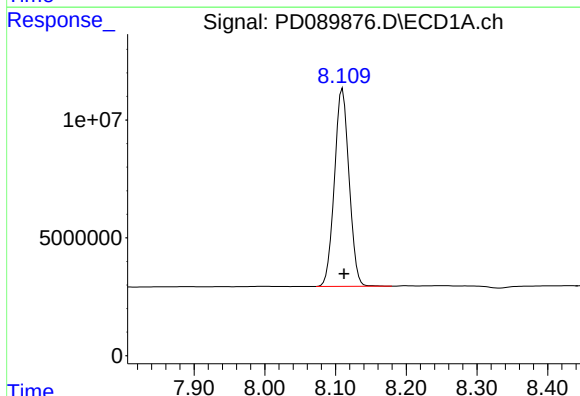
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/13/2025
Supervised By :mohammad ahmed 08/14/2025



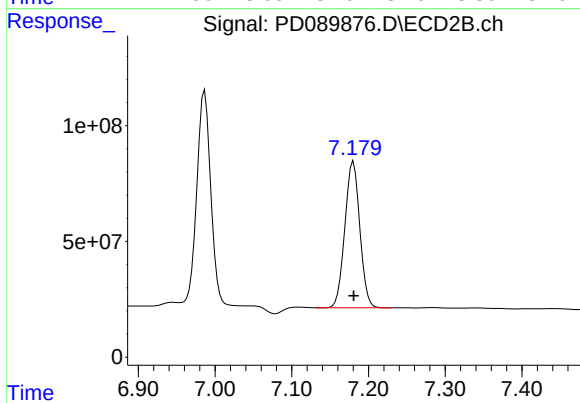
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 1148999849
Conc: 57.25 ng/ml



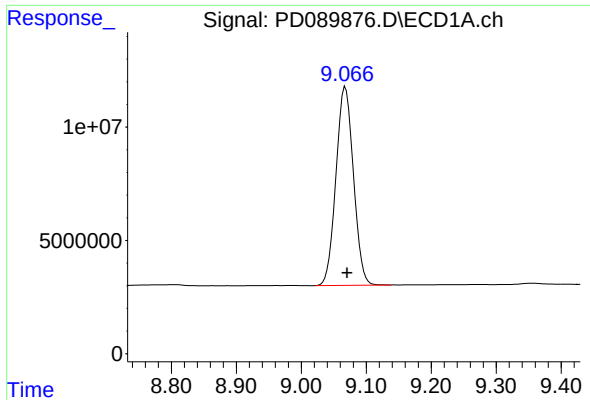
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 120622373
Conc: 43.26 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 861102514
Conc: 56.57 ng/ml



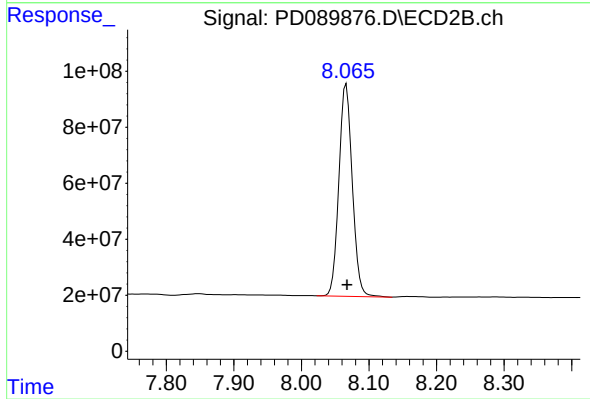
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 163887993
Conc: 44.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 1045846706
Conc: 52.09 ng/ml