

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
 Data File : PD090021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 19:31
 Operator : AR\AJ
 Sample : Q2915-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BRIDGE-WESTMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2025
 Supervised By : mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 01:55:38 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...	3.547	2.876	43784797	343.7E6	14.919m	15.588m
28)	SA Decachlor...	9.067	8.065	44754789	255.5E6	10.370	9.869
Target Compounds							
2)	A alpha-BHC	3.997	3.388	281.1E6	1556.8E6	46.832	45.871m
3)	MA gamma-BHC...	4.329	3.726	256.9E6	1397.2E6	44.867	44.825
4)	MA Heptachlor	4.927	4.079	235.0E6	1304.0E6	41.904	41.806
5)	MB Aldrin	5.268	4.364	252.5E6	1424.3E6	46.635	46.766
6)	B beta-BHC	4.514	4.021	101.7E6	620.5E6	45.329	46.549
7)	B delta-BHC	4.763	4.258	212.8E6	1211.2E6	41.098	38.389
8)	B Heptachlo...	5.688	4.868	222.4E6	1276.3E6	45.326	46.085
9)	A Endosulfan I	6.072	5.242	207.4E6	1203.9E6	44.931	45.912
10)	B gamma-Chl...	5.943	5.121	222.9E6	1378.9E6	45.567	46.568
11)	B alpha-Chl...	6.024	5.185	220.4E6	1318.3E6	44.770	46.196
12)	B 4,4'-DDE	6.193	5.370	205.5E6	1338.5E6	46.835	46.440
13)	MA Dieldrin	6.344	5.508	218.0E6	1329.1E6	44.530	45.382
14)	MA Endrin	6.572	5.784	182.3E6	1206.3E6	44.000	45.293
15)	B Endosulfa...	6.784	6.075	179.2E6	1101.4E6	42.469	43.542
16)	A 4,4'-DDD	6.703	5.924	156.3E6	1034.8E6	45.193	43.037
17)	MA 4,4'-DDT	7.017	6.178	131.7E6	953.8E6	34.562m	38.044
18)	B Endrin al...	6.913	6.254	120.8E6	752.8E6	42.131	43.717
19)	B Endosulfa...	7.147	6.477	153.8E6	963.5E6	39.251	39.521
20)	A Methoxychlor	7.491	6.747	67660815	462.1E6	33.736	35.837m
21)	B Endrin ke...	7.628	6.986	163.1E6	1029.7E6	39.346	38.646
22)	Mirex	8.110	7.179	131.5E6	796.6E6	41.679	38.567

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 19:31
Operator : AR\AJ
Sample : Q2915-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

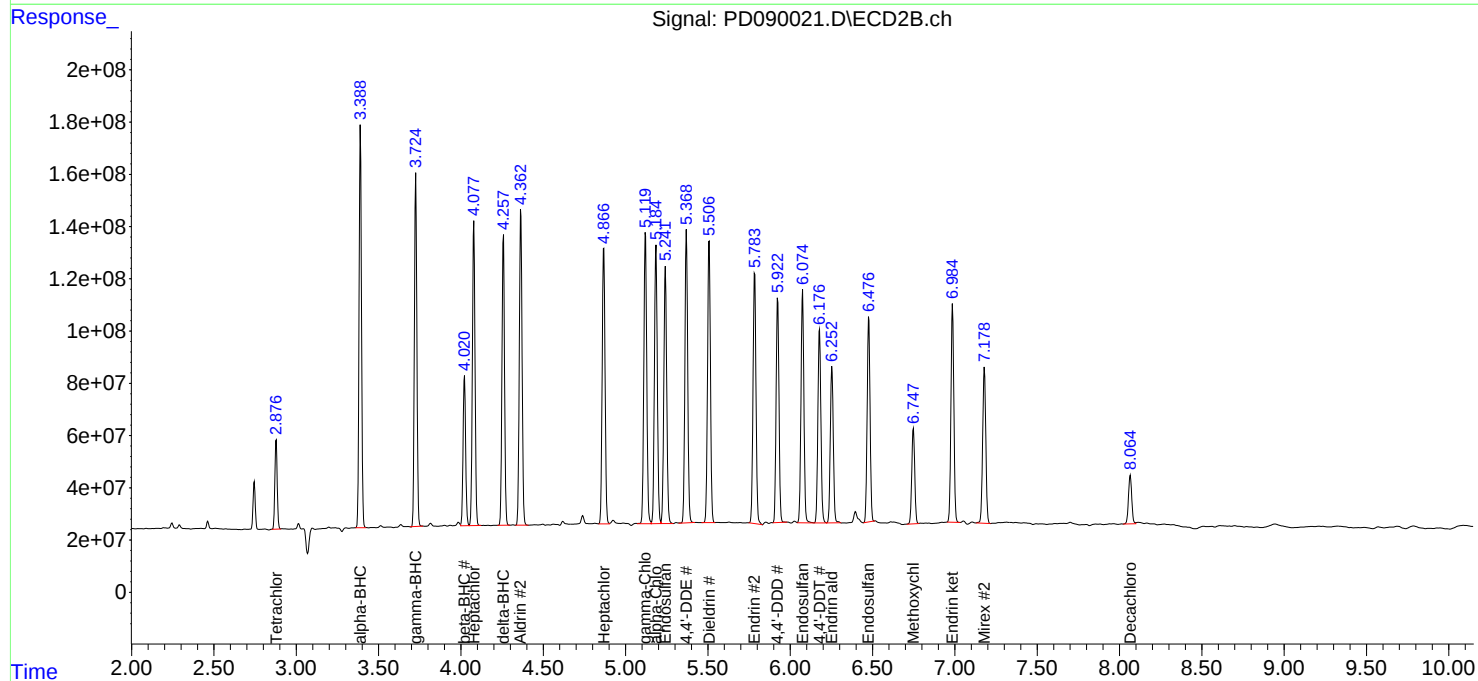
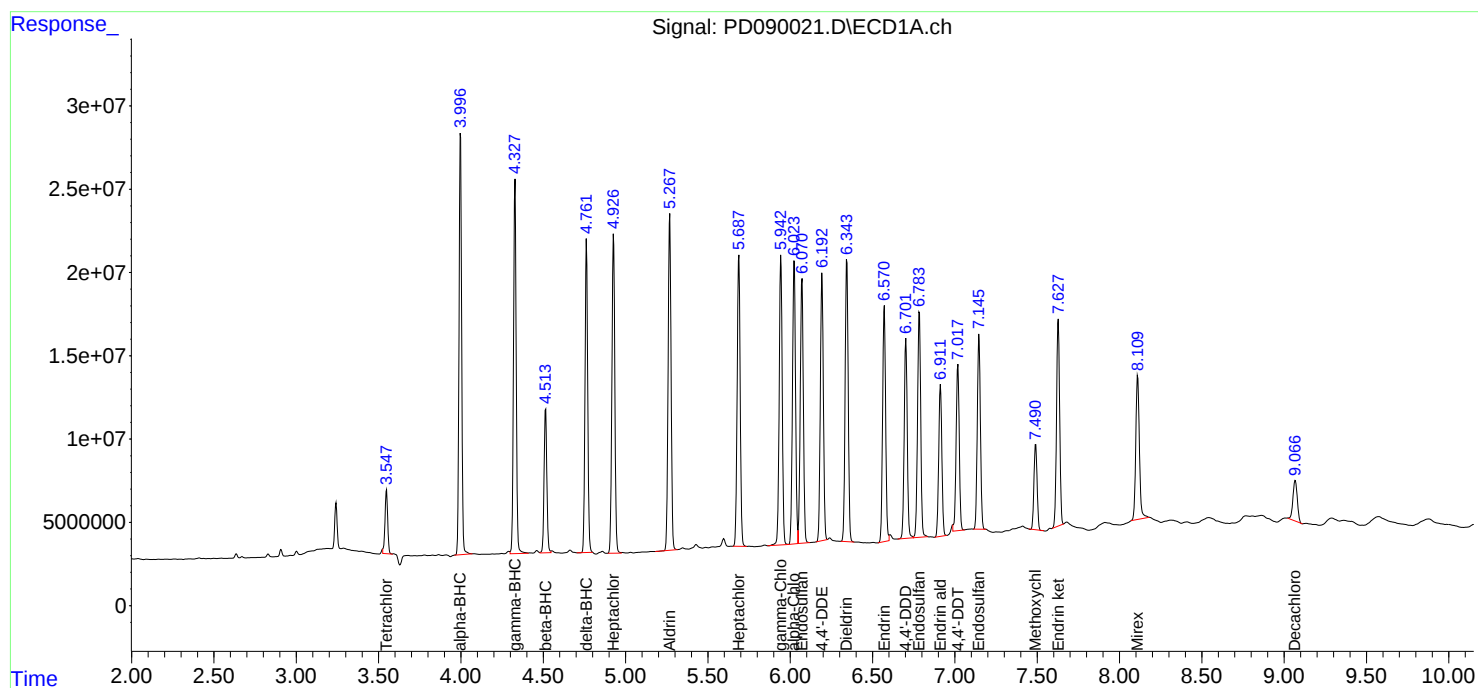
Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

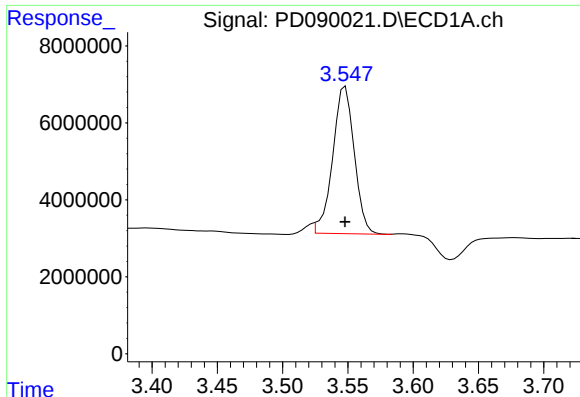
Manual Integrations
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Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:55:38 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
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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





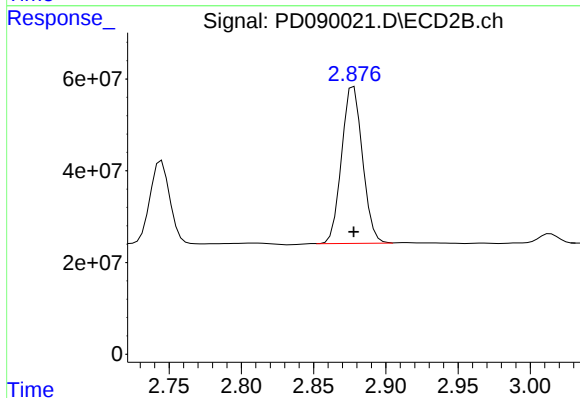
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 43784797
Conc: 14.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

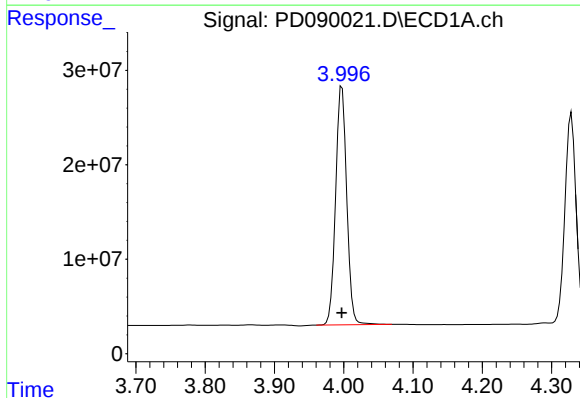
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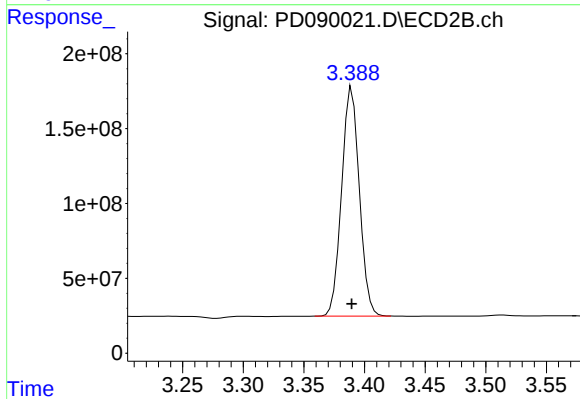
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 343731214
Conc: 15.59 ng/ml m



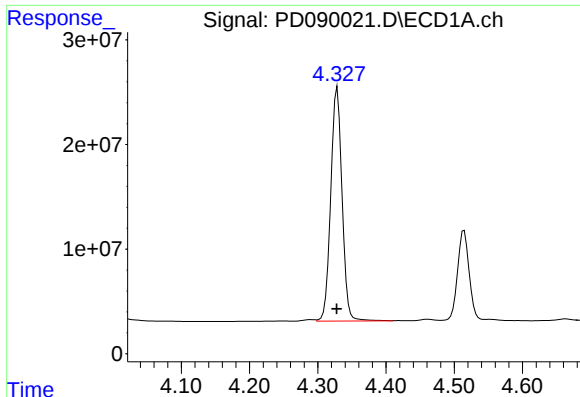
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 281097310
Conc: 46.83 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1556797233
Conc: 45.87 ng/ml m



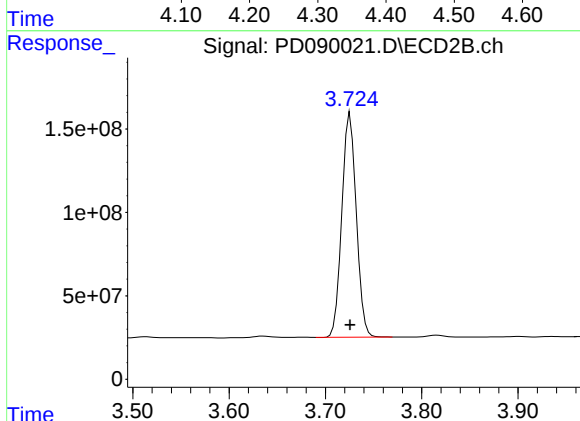
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 256943808
Conc: 44.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

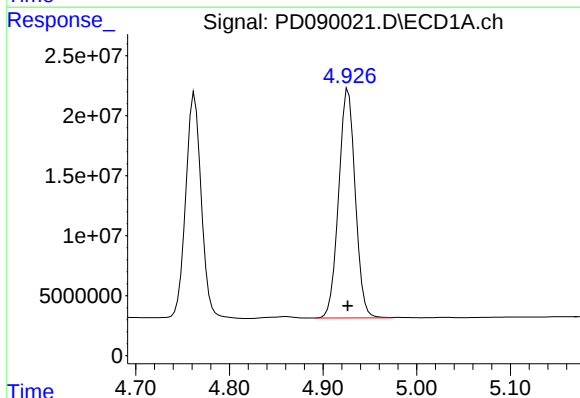
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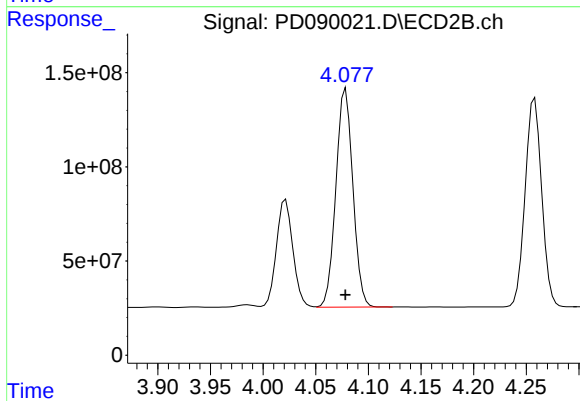
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1397218401
Conc: 44.82 ng/ml



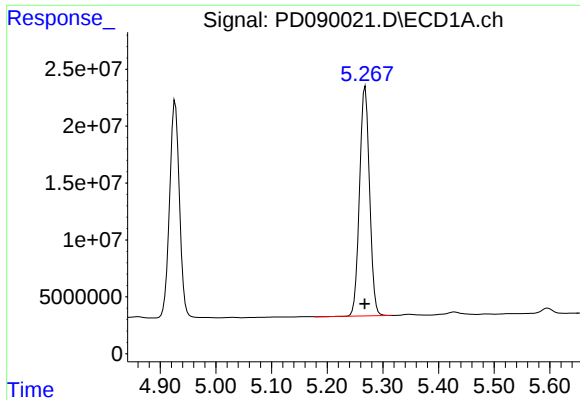
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 235047975
Conc: 41.90 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1303991797
Conc: 41.81 ng/ml



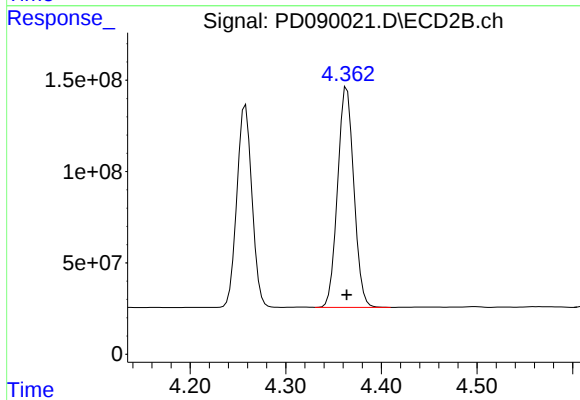
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 252504331
Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

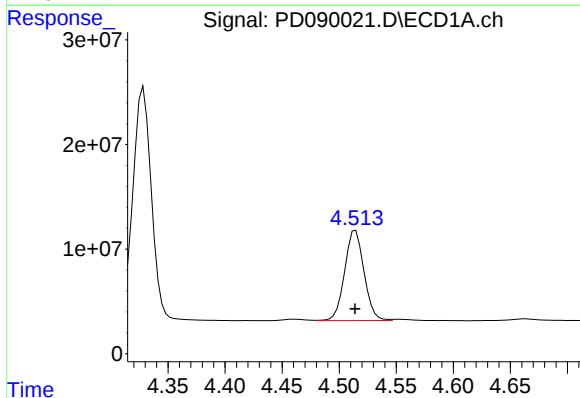
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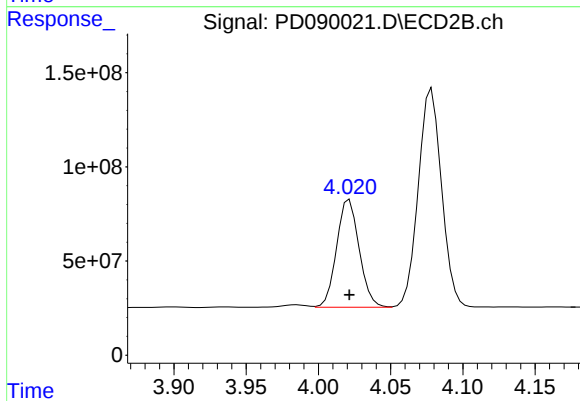
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1424291261
Conc: 46.77 ng/ml



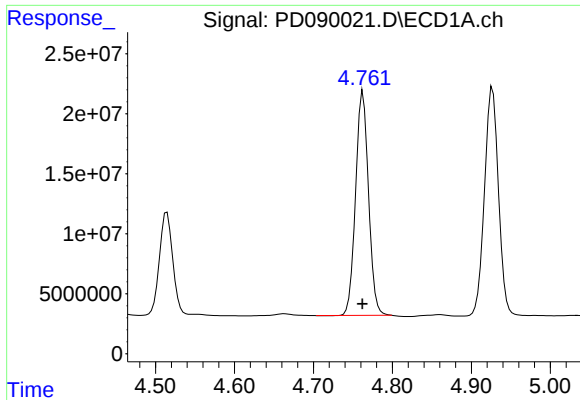
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 101675019
Conc: 45.33 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 620502896
Conc: 46.55 ng/ml



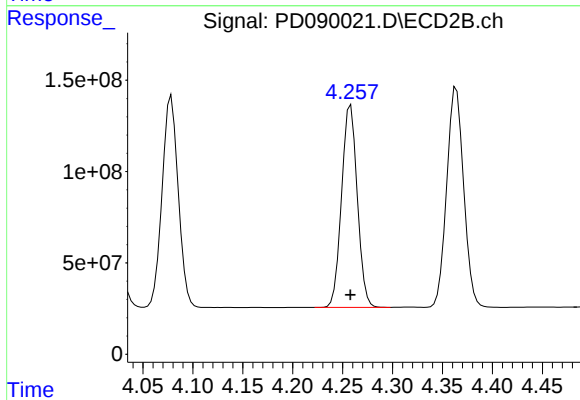
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 212792893
Conc: 41.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

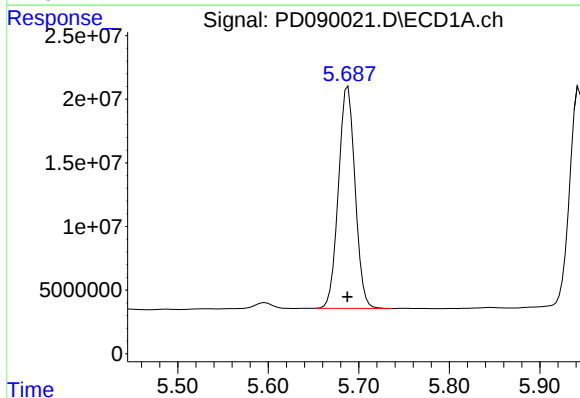
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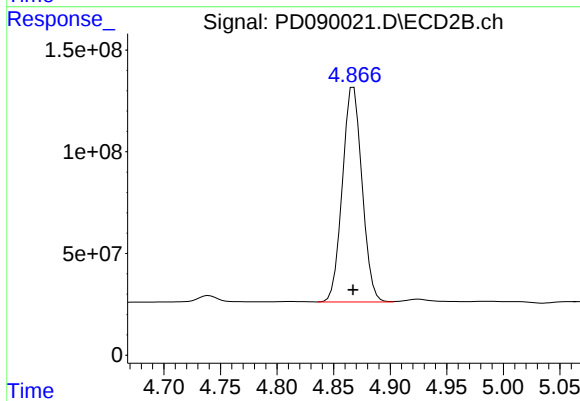
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1211156799
Conc: 38.39 ng/ml



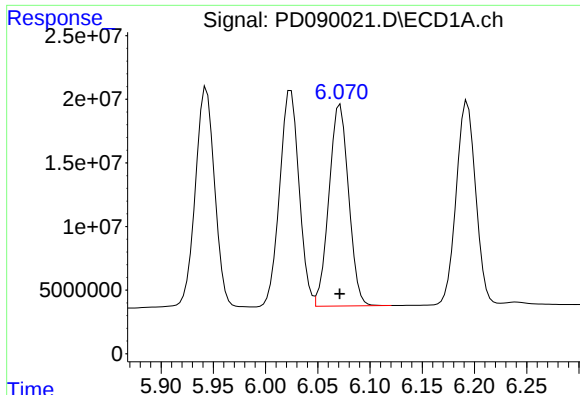
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 222404286
Conc: 45.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1276319427
Conc: 46.09 ng/ml



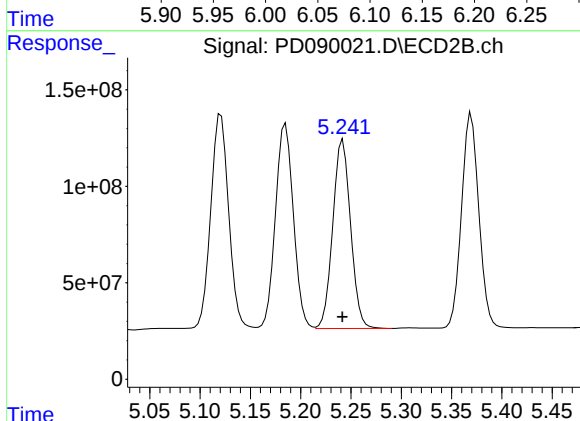
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 207350193
Conc: 44.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

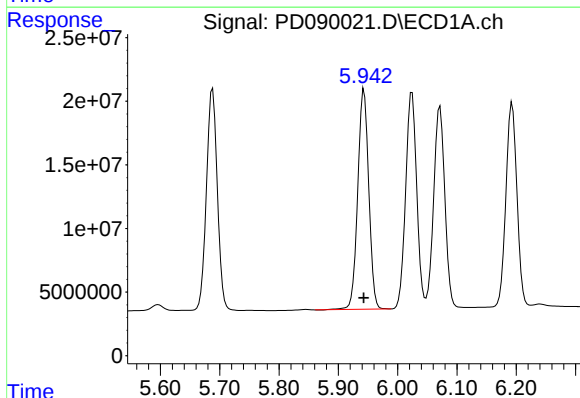
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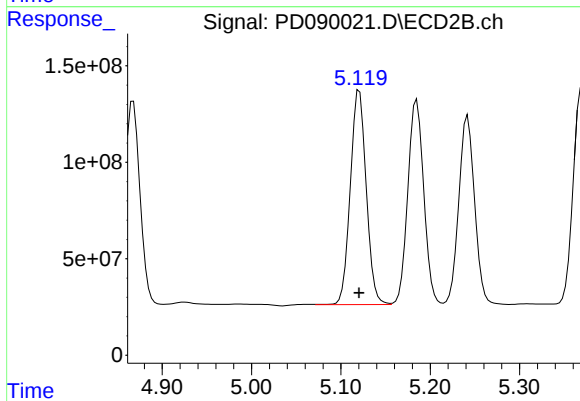
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1203891221
Conc: 45.91 ng/ml



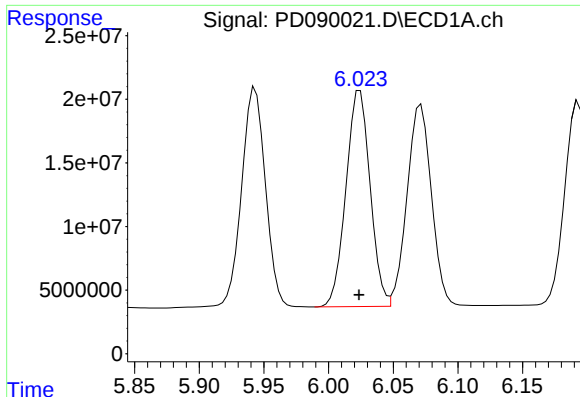
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 222867349
Conc: 45.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 1378943877
Conc: 46.57 ng/ml



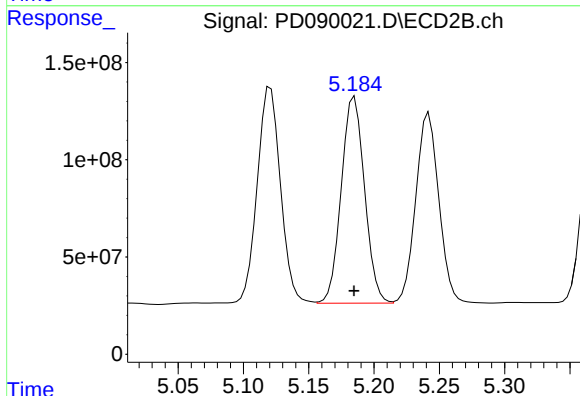
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 220375238
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

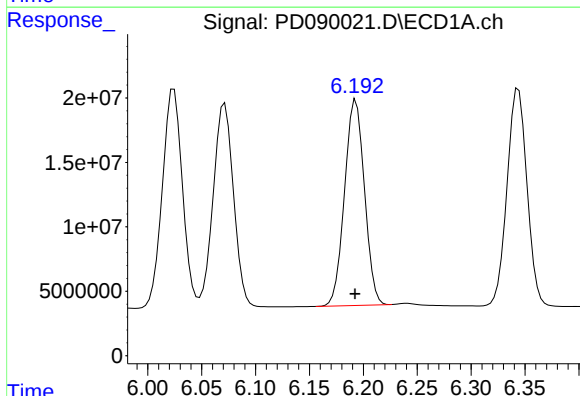
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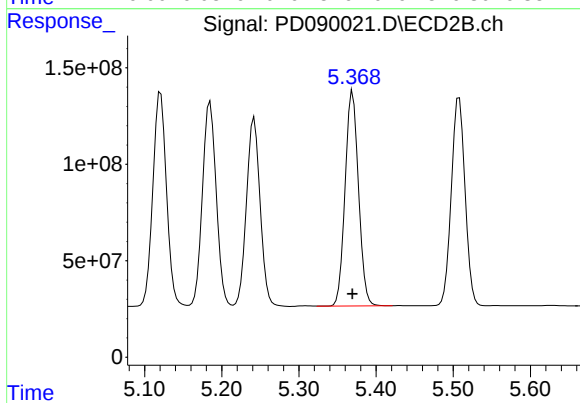
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1318335219
Conc: 46.20 ng/ml



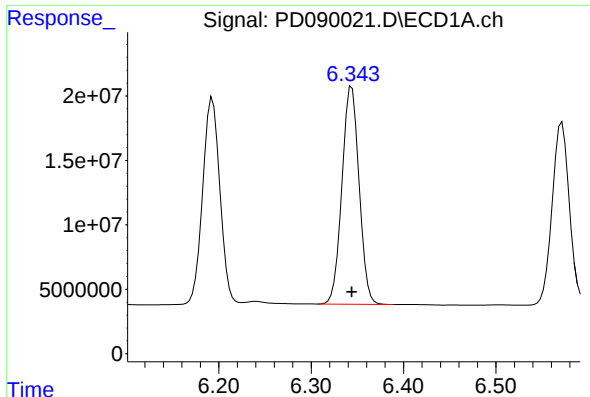
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 205525967
Conc: 46.83 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1338531391
Conc: 46.44 ng/ml



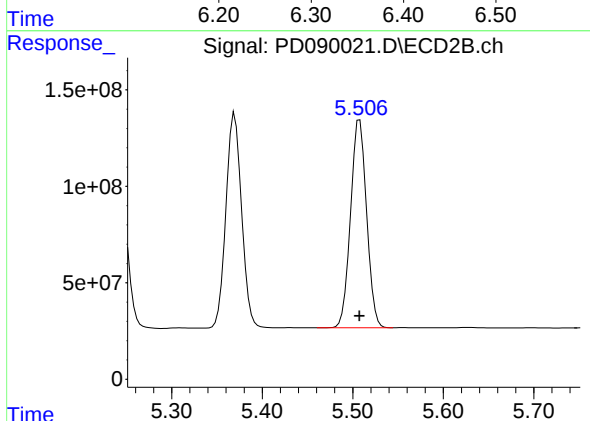
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 218006434
Conc: 44.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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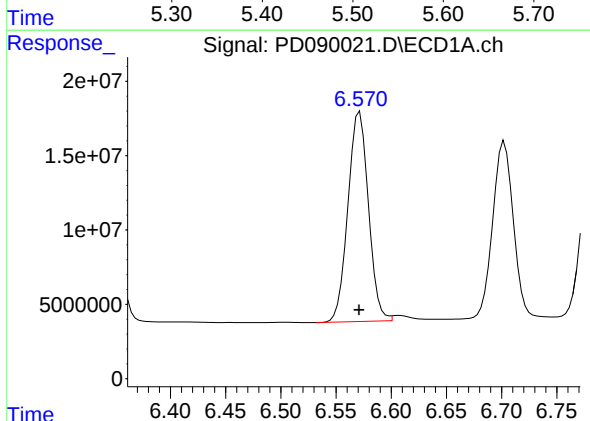
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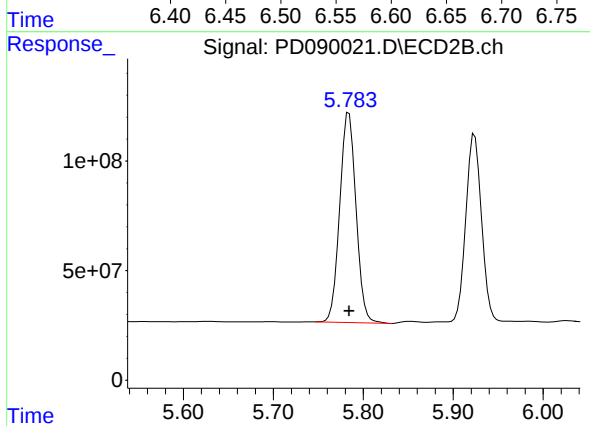
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1329122057
Conc: 45.38 ng/ml



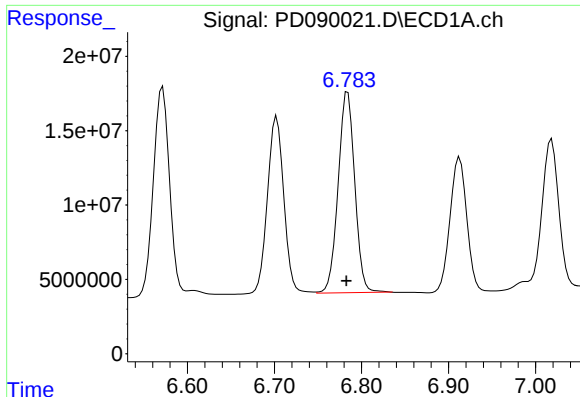
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 182319136
Conc: 44.00 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1206258789
Conc: 45.29 ng/ml



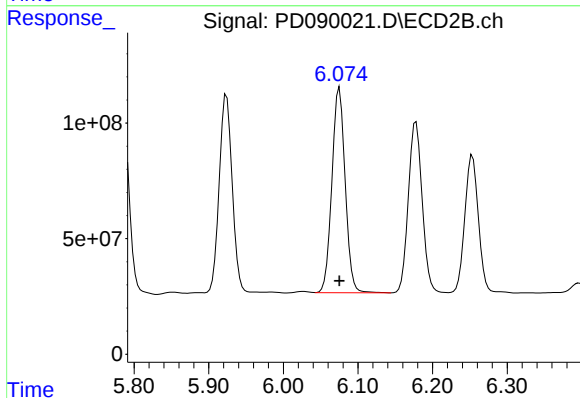
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 179208948
Conc: 42.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

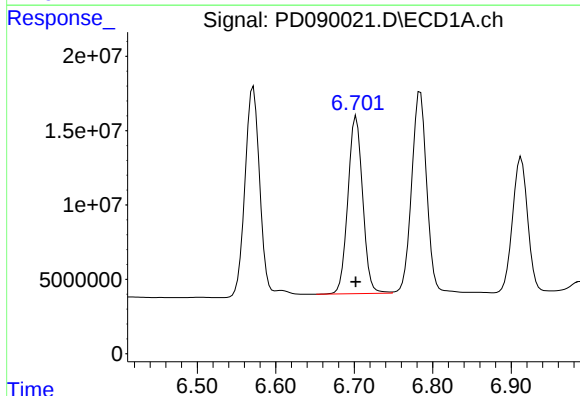
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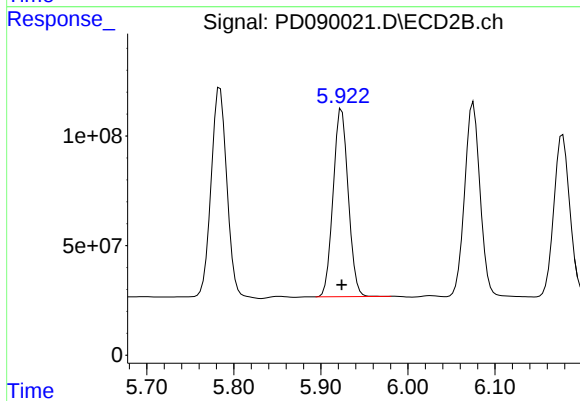
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1101367010
Conc: 43.54 ng/ml



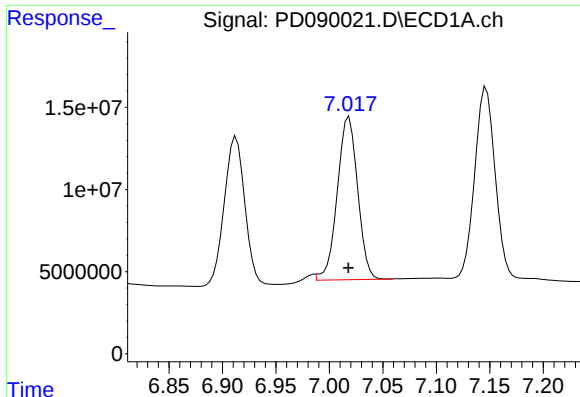
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 156328868
Conc: 45.19 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1034774842
Conc: 43.04 ng/ml



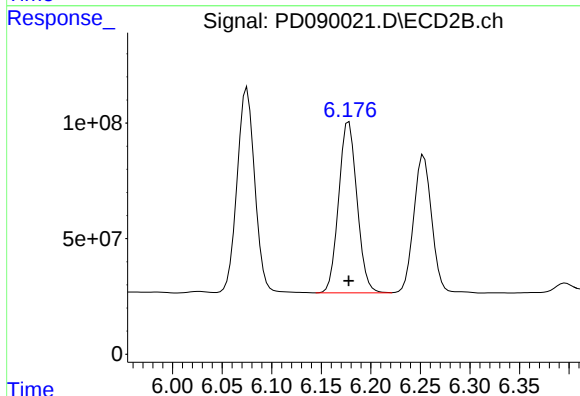
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 131673301
Conc: 34.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

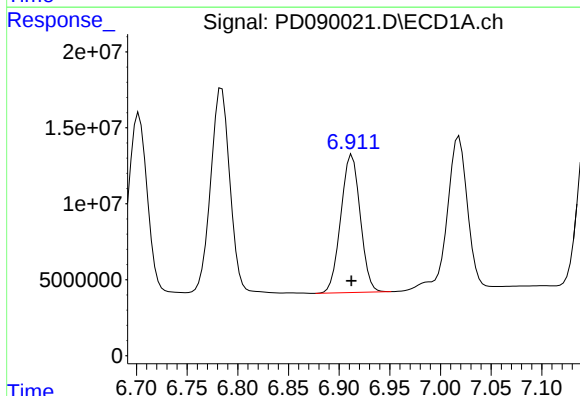
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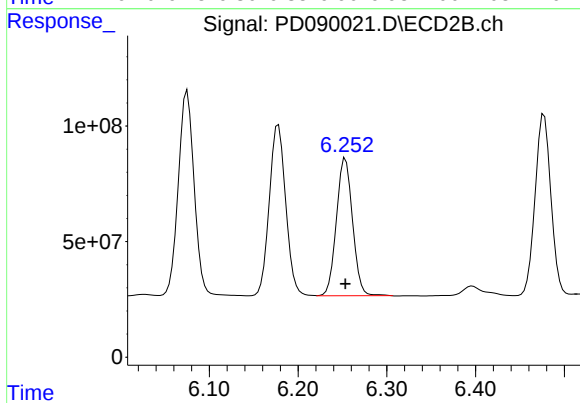
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 953755661
Conc: 38.04 ng/ml



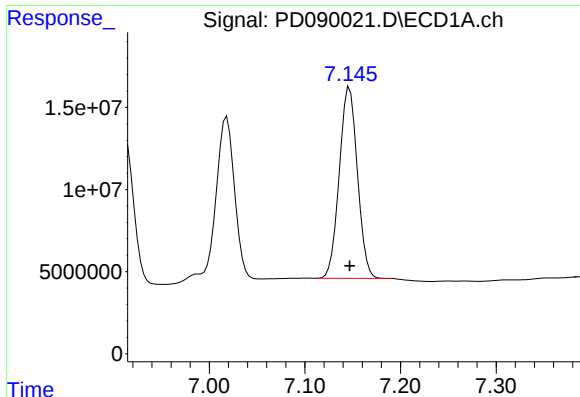
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 120794883
Conc: 42.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 752806519
Conc: 43.72 ng/ml



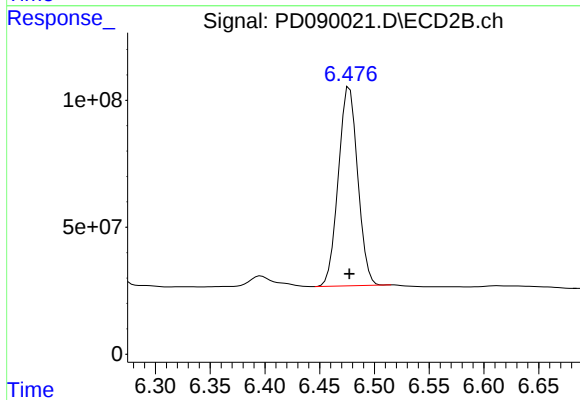
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 153803520
Conc: 39.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

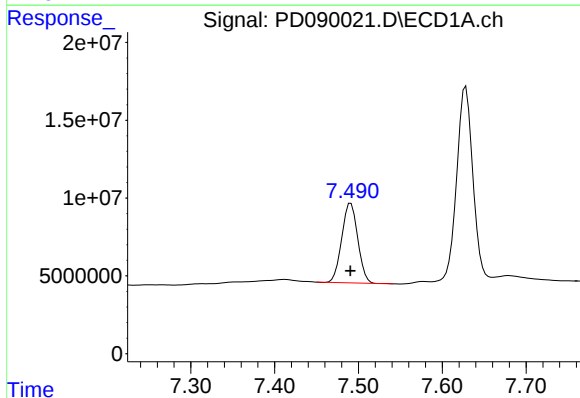
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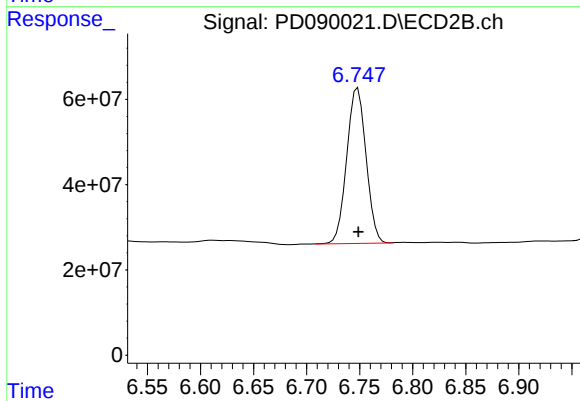
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 963511746
Conc: 39.52 ng/ml



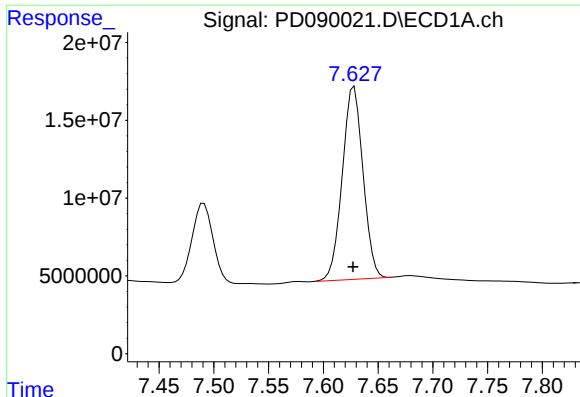
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 67660815
Conc: 33.74 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 462148540
Conc: 35.84 ng/ml m



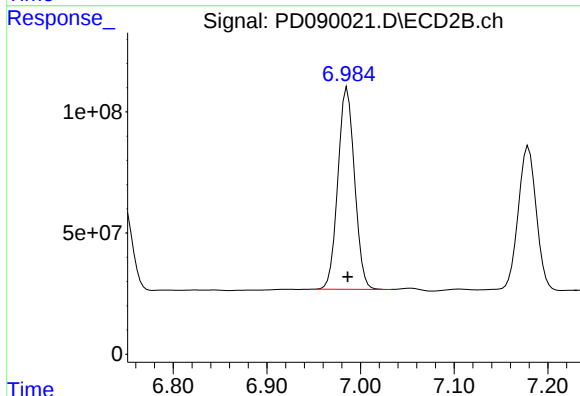
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 163070756
Conc: 39.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

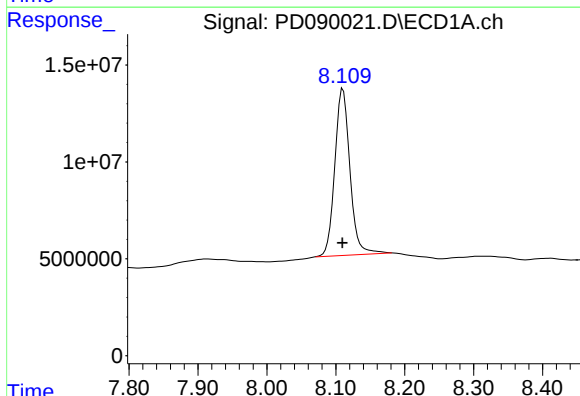
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



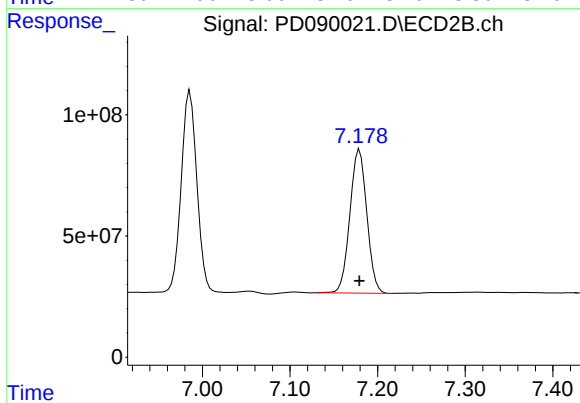
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1029712596
Conc: 38.65 ng/ml



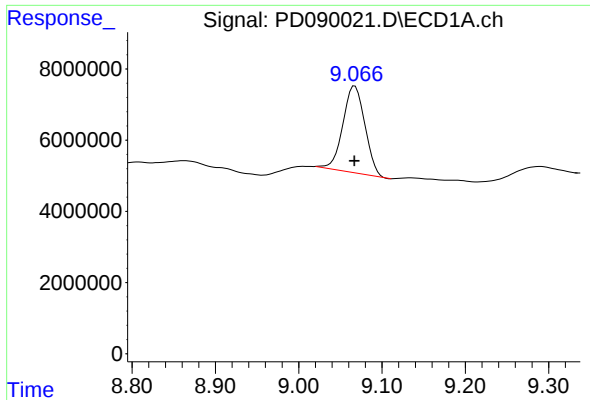
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 131473912
Conc: 41.68 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 796626337
Conc: 38.57 ng/ml



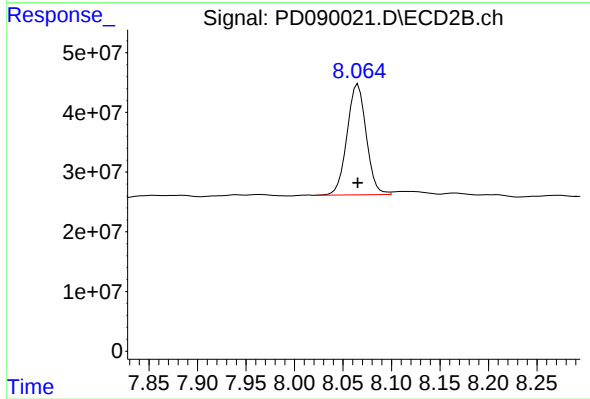
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 44754789
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
BRIDGE-WESTMSD

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 255466629
Conc: 9.87 ng/ml