

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
 Data File : PD090176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 18:32
 Operator : AR\AJ
 Sample : Q3023-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-2MS

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 06 03:12:34 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...	3.548	2.877	52358175	422.7E6	17.840m	19.168m
28)	SA Decachlor...	9.071	8.066	60869774	363.9E6	14.103	14.057
Target Compounds							
2)	A alpha-BHC	3.998	3.388	304.0E6	1746.0E6	50.651	51.445m
3)	MA gamma-BHC...	4.329	3.726	297.1E6	1608.9E6	51.884	51.617
4)	MA Heptachlor	4.928	4.078	272.9E6	1574.5E6	48.651	50.479
5)	MB Aldrin	5.269	4.364	272.7E6	1572.7E6	50.373	51.638
6)	B beta-BHC	4.516	4.021	114.3E6	698.9E6	50.958	52.428
7)	B delta-BHC	4.764	4.258	226.3E6	1331.7E6	43.698	42.211
8)	B Heptachlo...	5.689	4.868	245.7E6	1405.7E6	50.082	50.757
9)	A Endosulfan I	6.073	5.242	227.0E6	1276.7E6	49.197	48.687
10)	B gamma-Chl...	5.944	5.120	249.4E6	1567.9E6	51.002	52.948
11)	B alpha-Chl...	6.025	5.185	247.8E6	1475.9E6	50.346	51.718
12)	B 4,4'-DDE	6.194	5.369	239.6E6	1586.6E6	54.598	55.047
13)	MA Dieldrin	6.345	5.507	251.6E6	1582.7E6	51.395	54.042
14)	MA Endrin	6.573	5.784	198.9E6	1286.6E6	47.998	48.312
15)	B Endosulfa...	6.785	6.073	187.0E6	1279.0E6	44.312	50.562m
16)	A 4,4'-DDD	6.703	5.924	181.1E6	1155.3E6	52.360m	48.050
17)	MA 4,4'-DDT	7.020	6.177	208.4E6	1424.5E6	54.712	56.822
18)	B Endrin al...	6.914	6.253	146.4E6	956.6E6	51.074	55.554
19)	B Endosulfa...	7.148	6.475	179.0E6	1280.8E6	45.679	52.534m
20)	A Methoxychlor	7.492	6.747	79062943	732.2E6	39.421	56.777 #
21)	B Endrin ke...	7.629	6.986	211.9E6	1251.0E6	51.138	46.953
22)	Mirex	8.111	7.179	135.8E6	874.7E6	43.036m	42.346

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
Data File : PD090176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 18:32
Operator : AR\AJ
Sample : Q3023-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

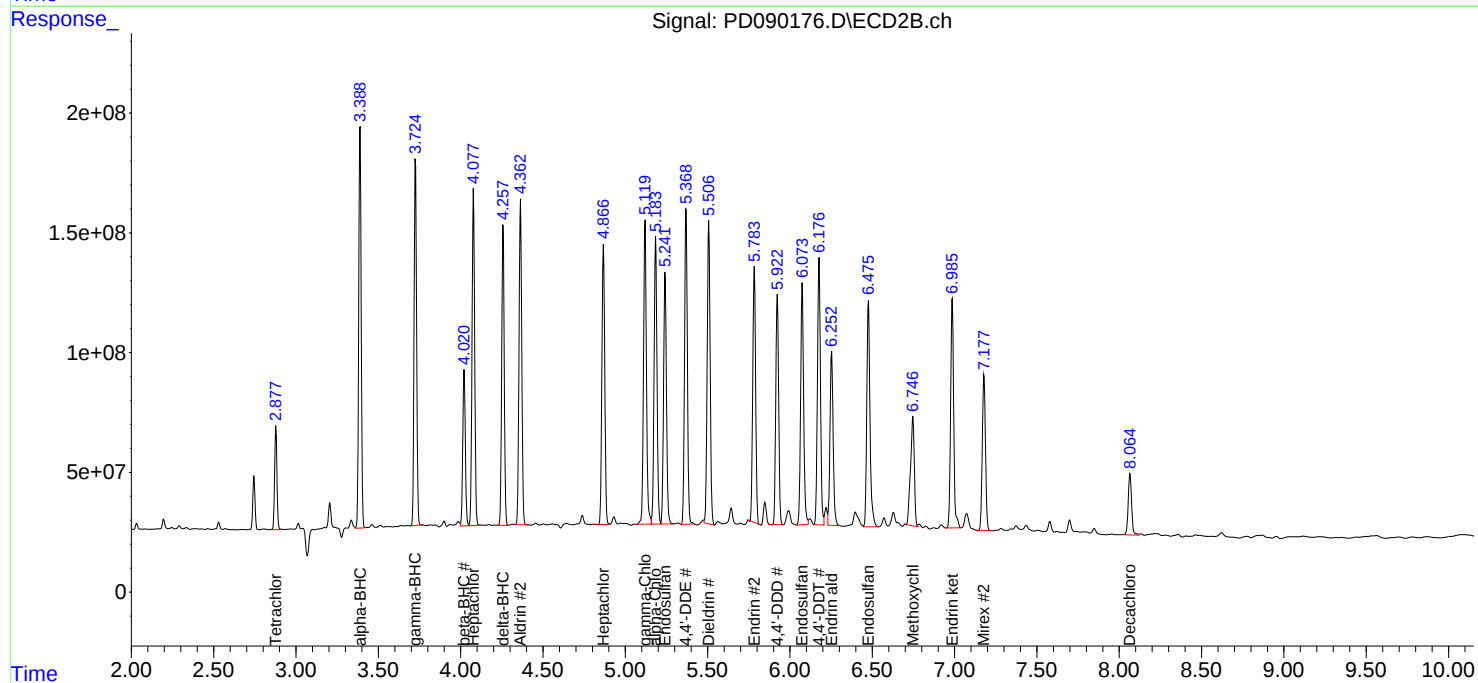
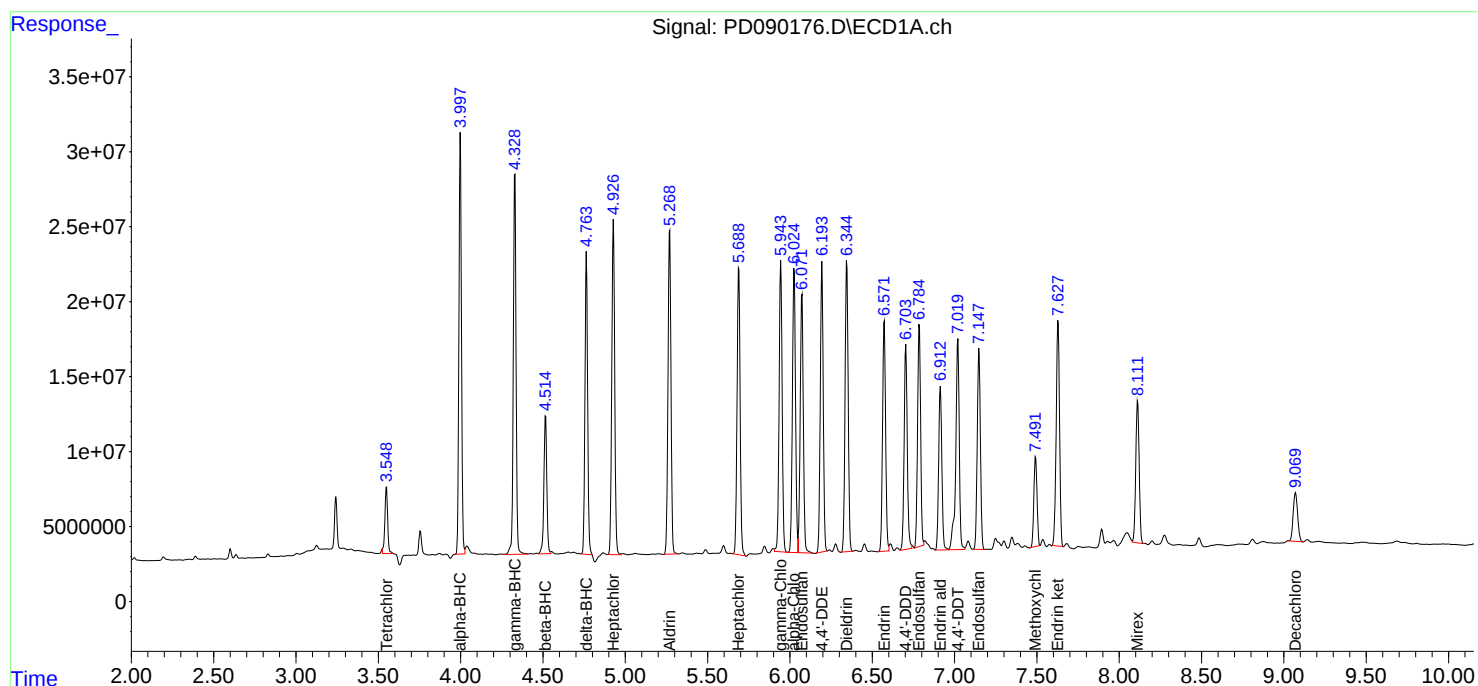
Instrument :
ECD_D
ClientSampleId :
TP-2MS

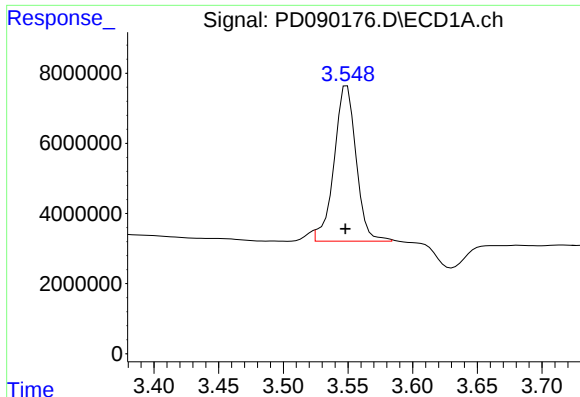
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 03:12:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response 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





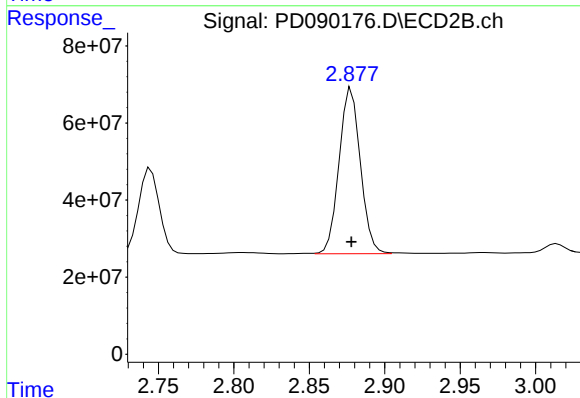
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 52358175
Conc: 17.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
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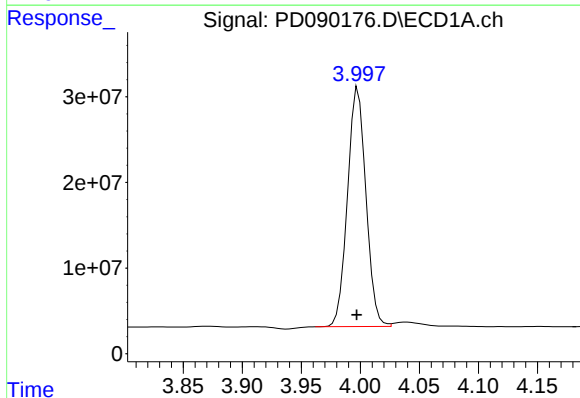
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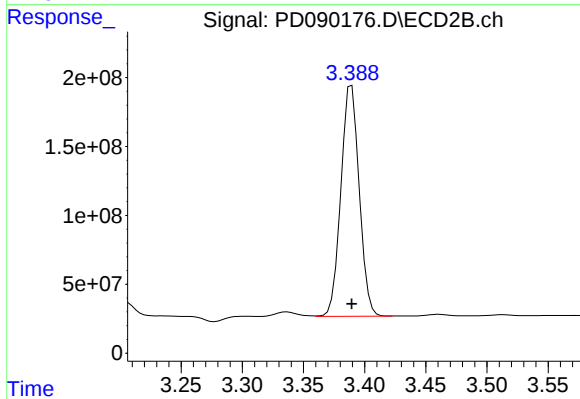
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 422661693
Conc: 19.17 ng/ml m



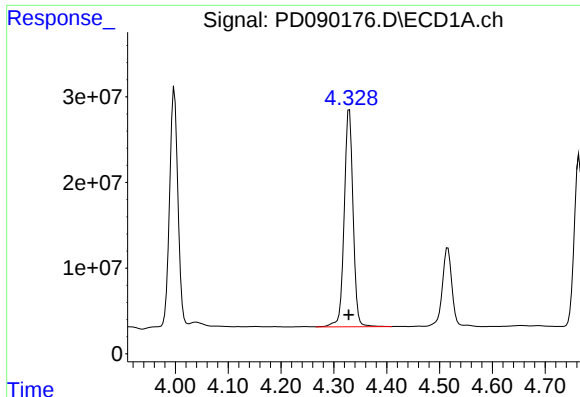
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 304020069
Conc: 50.65 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1745982689
Conc: 51.44 ng/ml m



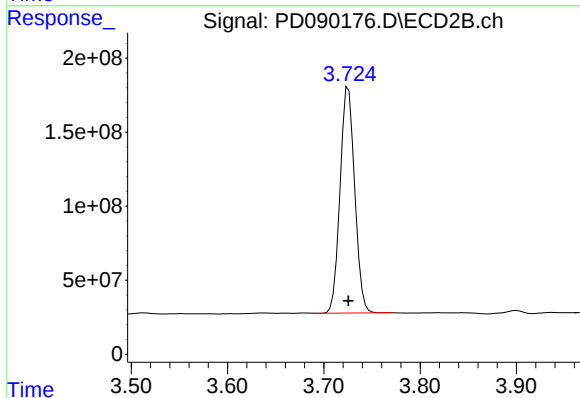
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 297129831
Conc: 51.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

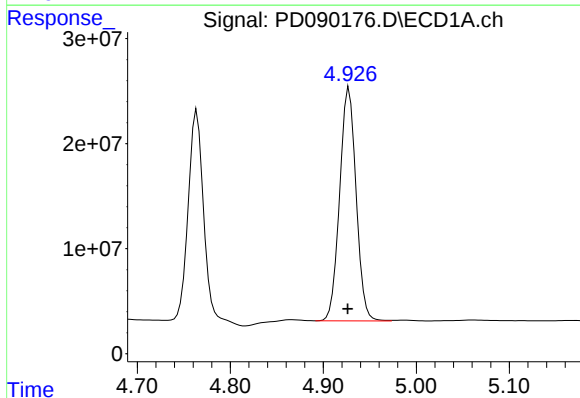
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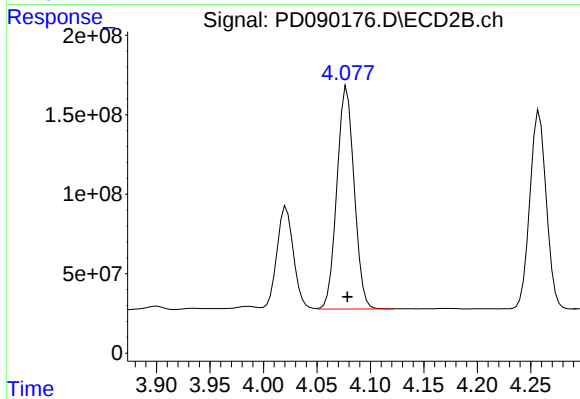
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1608940557
Conc: 51.62 ng/ml



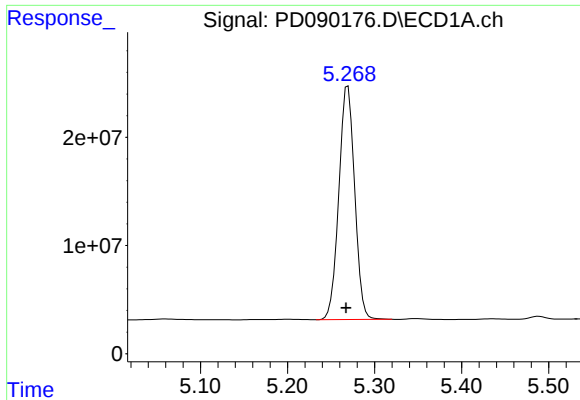
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 272894526
Conc: 48.65 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1574514963
Conc: 50.48 ng/ml



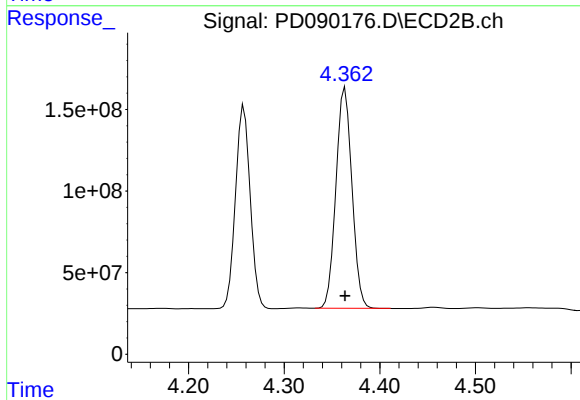
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 272744836
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

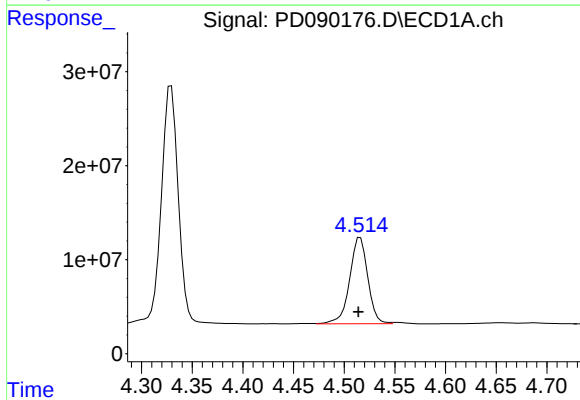
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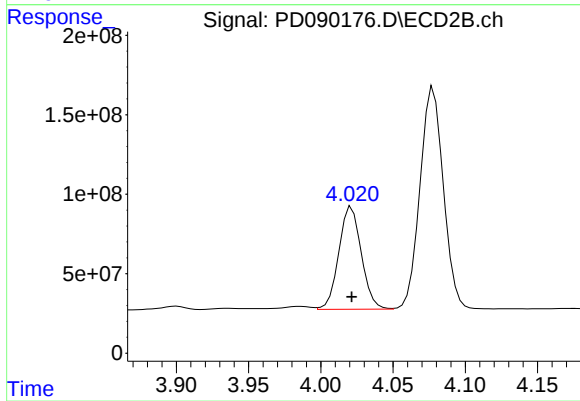
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1572671348
Conc: 51.64 ng/ml



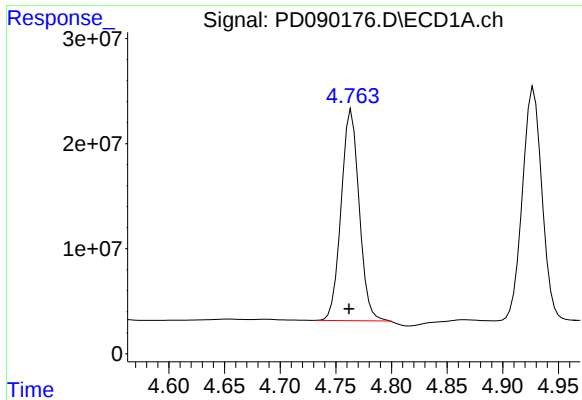
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 114299809
Conc: 50.96 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 698869882
Conc: 52.43 ng/ml



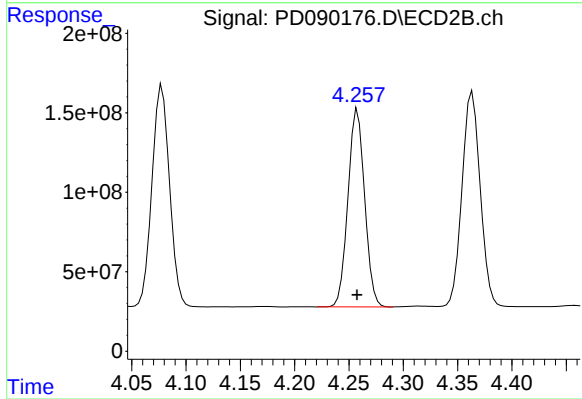
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 226257488
Conc: 43.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

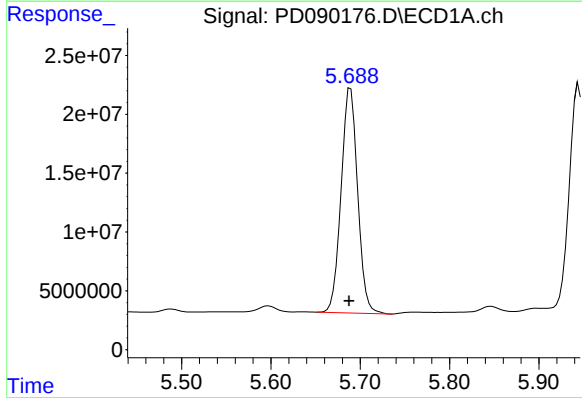
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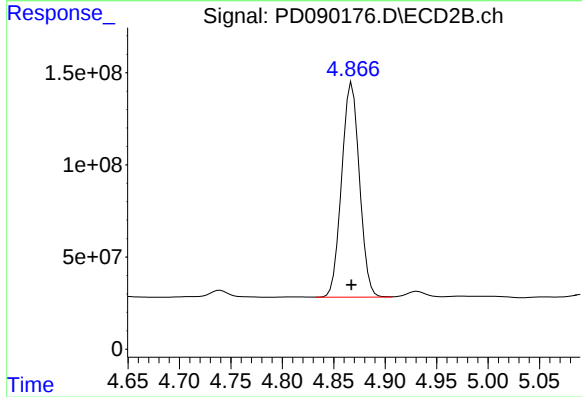
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1331745295
Conc: 42.21 ng/ml



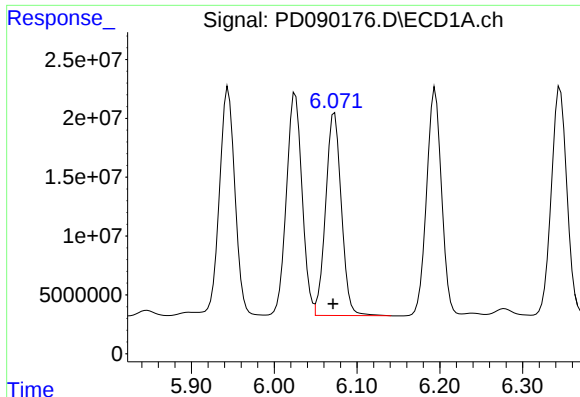
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 245743092
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1405719802
Conc: 50.76 ng/ml



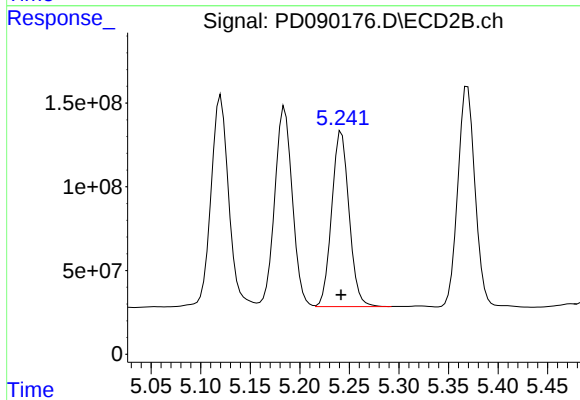
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 227040162
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

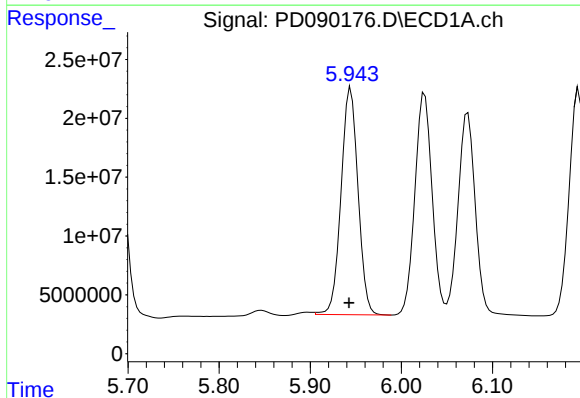
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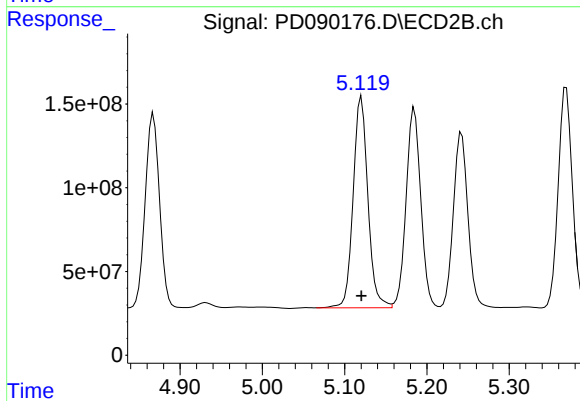
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1276666883
Conc: 48.69 ng/ml



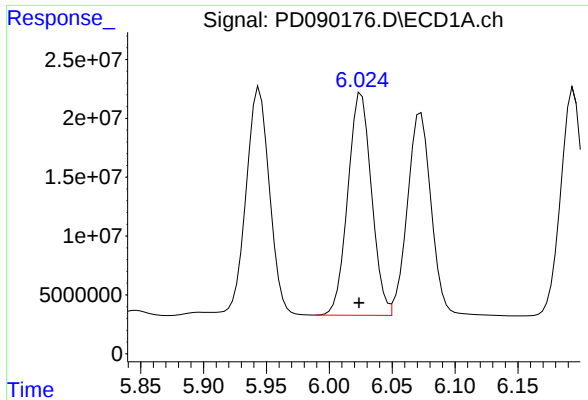
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 249447566
Conc: 51.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1567856661
Conc: 52.95 ng/ml



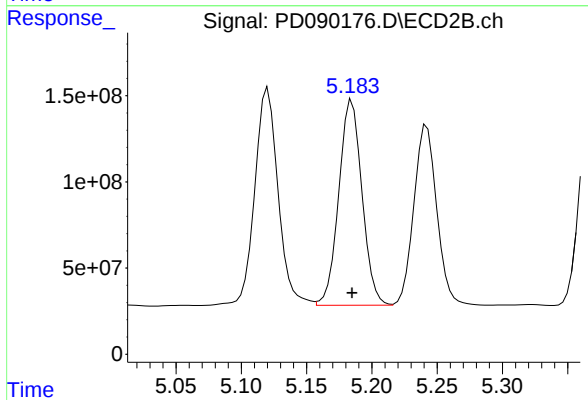
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 247822747
Conc: 50.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

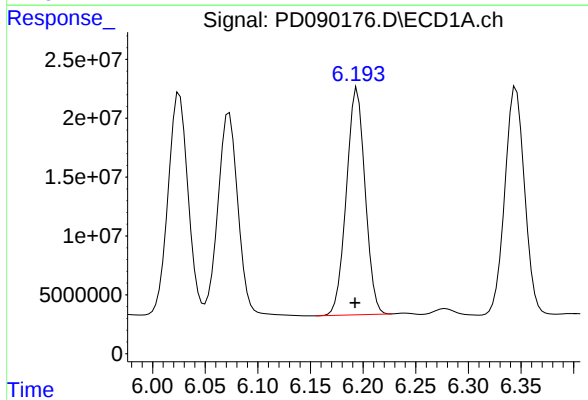
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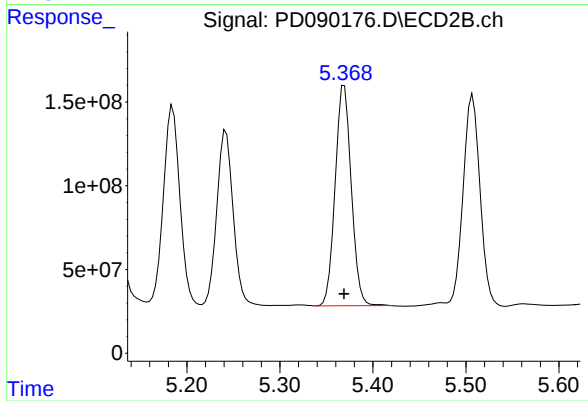
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1475933528
Conc: 51.72 ng/ml



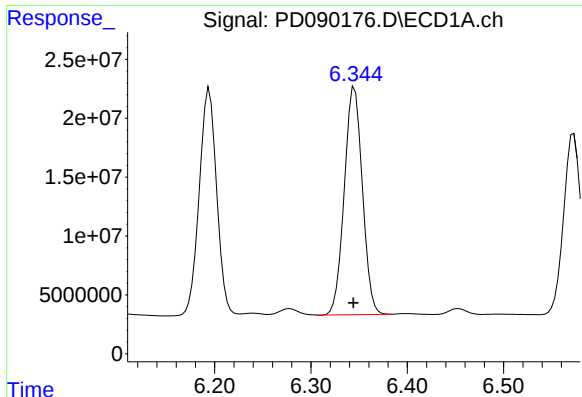
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 239592970
Conc: 54.60 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1586600132
Conc: 55.05 ng/ml



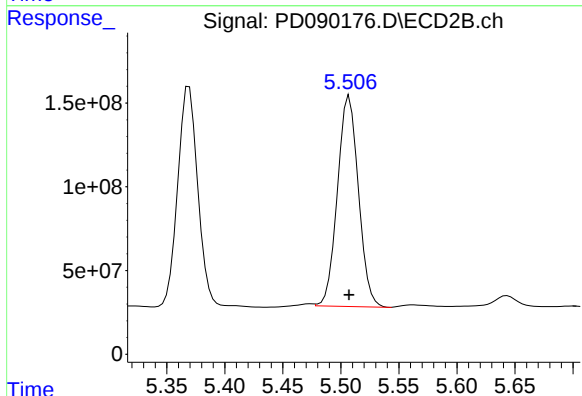
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 251618000
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

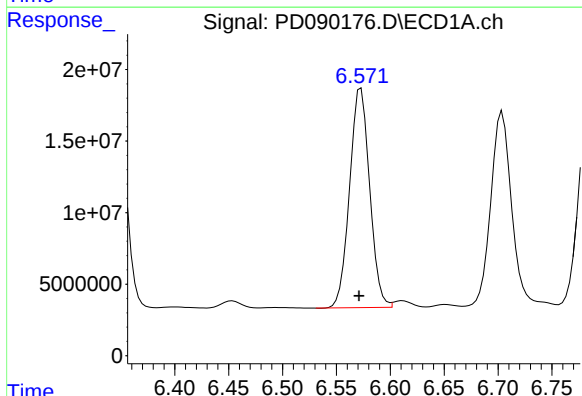
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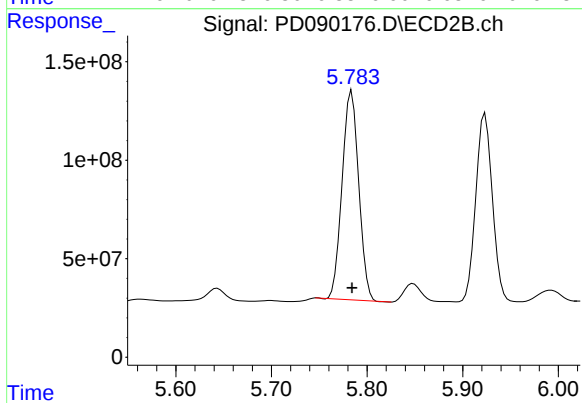
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1582742057
Conc: 54.04 ng/ml



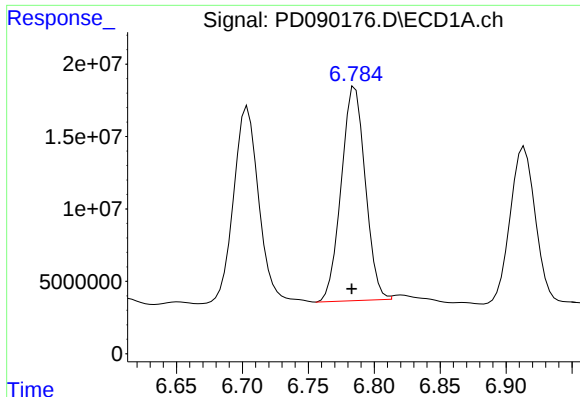
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 198882491
Conc: 48.00 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1286644441
Conc: 48.31 ng/ml



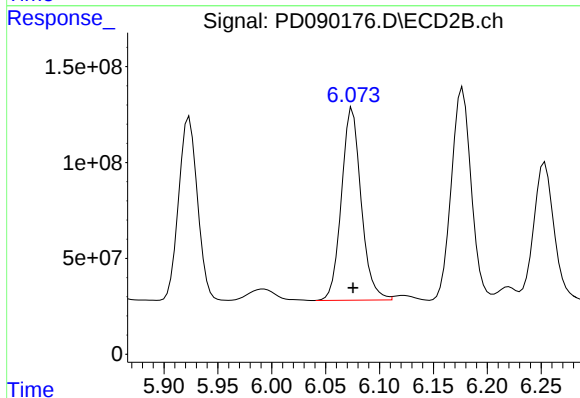
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 186984735
Conc: 44.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

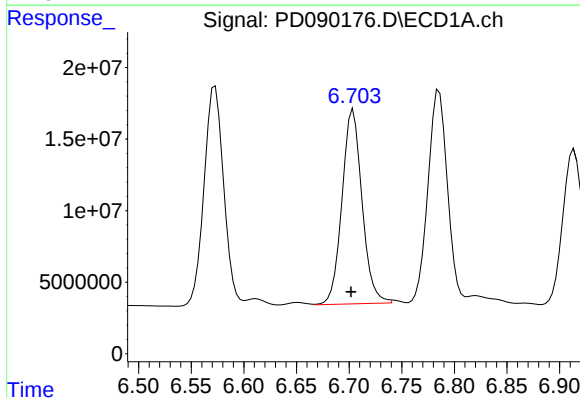
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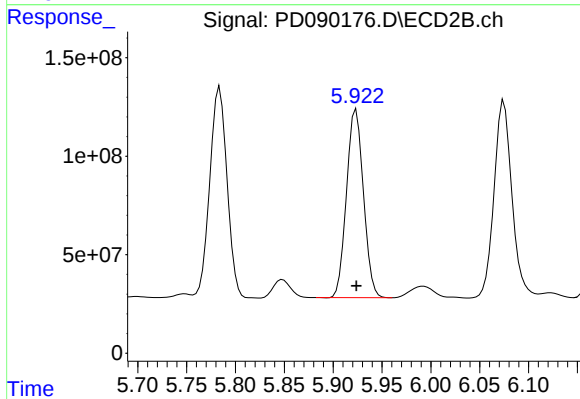
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1278957267
Conc: 50.56 ng/ml m



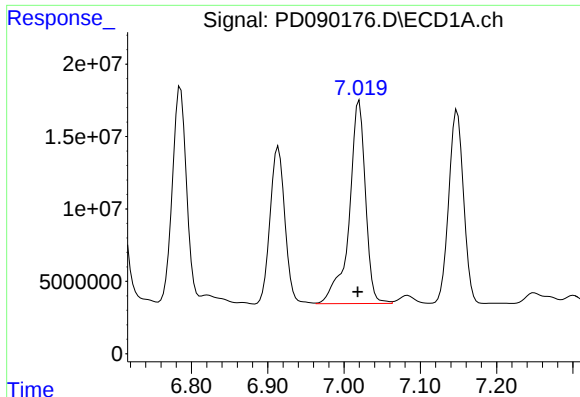
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 181119920
Conc: 52.36 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1155309574
Conc: 48.05 ng/ml



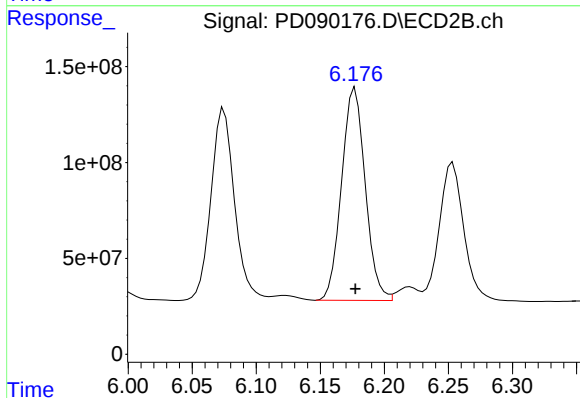
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 208439721
Conc: 54.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

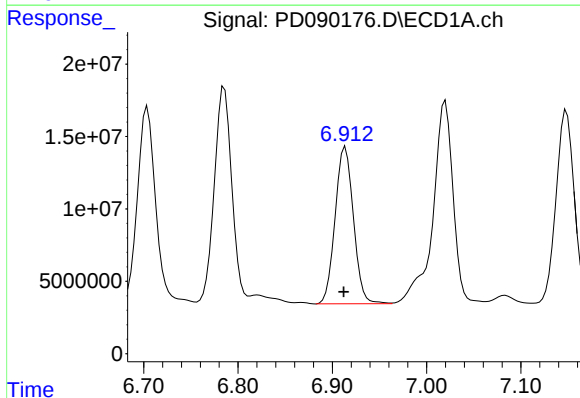
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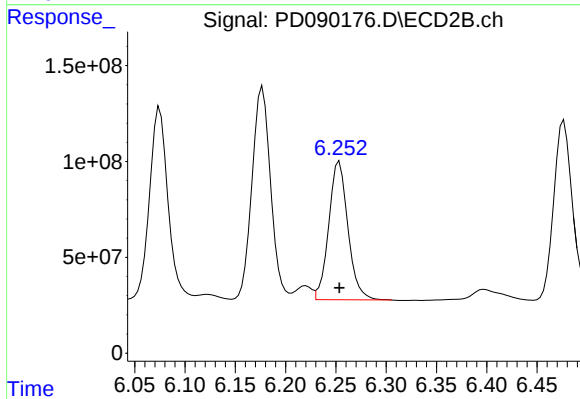
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1424513521
Conc: 56.82 ng/ml



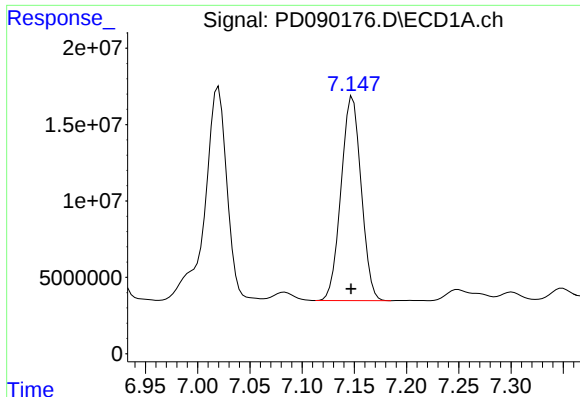
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 146437795
Conc: 51.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 956638992
Conc: 55.55 ng/ml



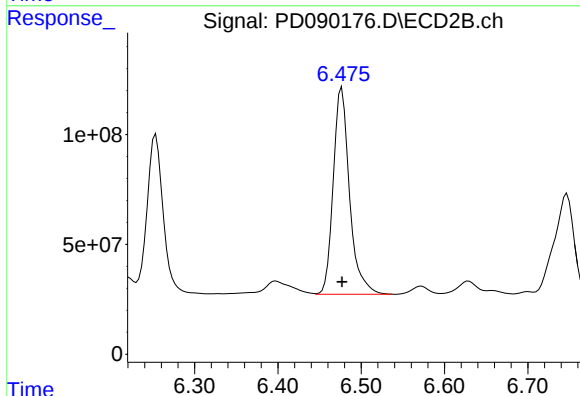
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 178993844
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

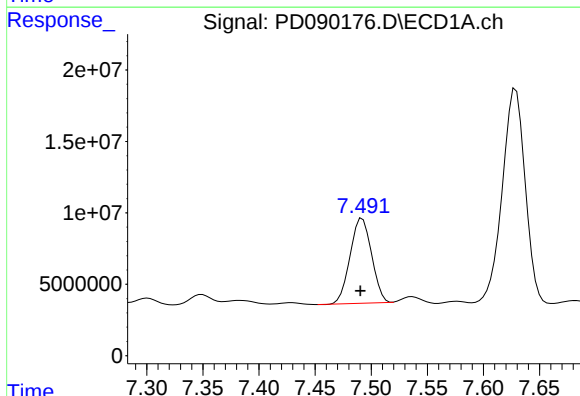
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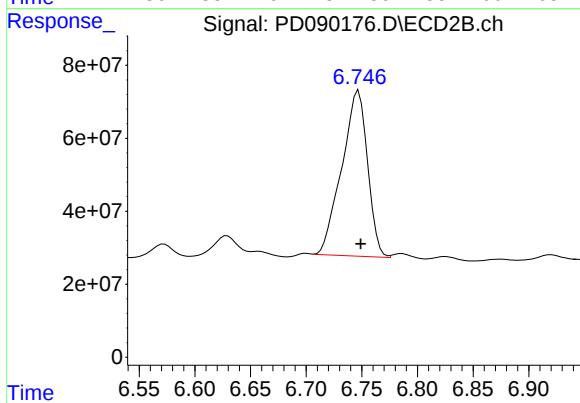
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1280751475
Conc: 52.53 ng/ml m



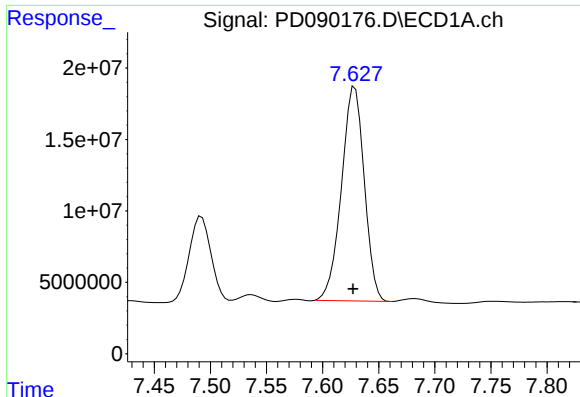
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 79062943
Conc: 39.42 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 732180109
Conc: 56.78 ng/ml



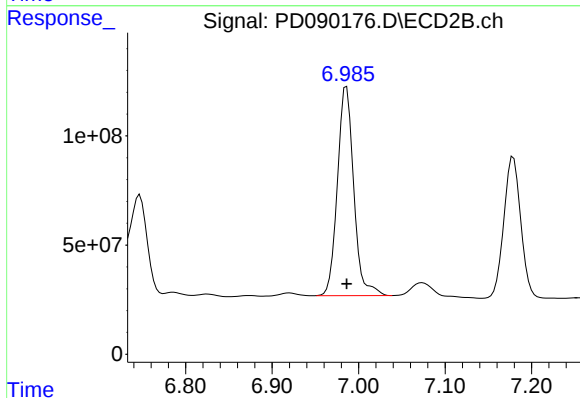
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 211941636
Conc: 51.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

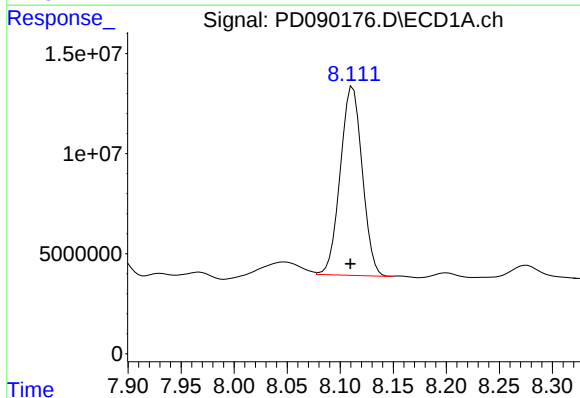
Manual Integrations
APPROVED

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



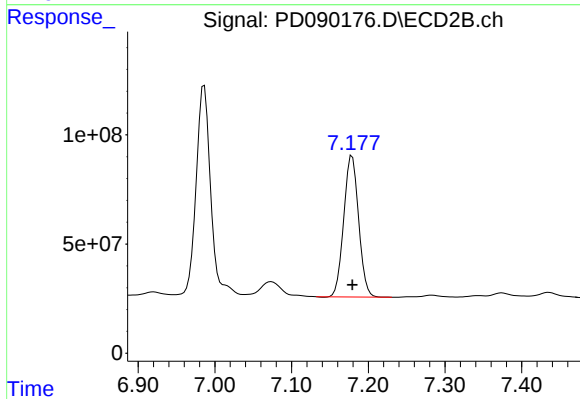
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1251028640
Conc: 46.95 ng/ml



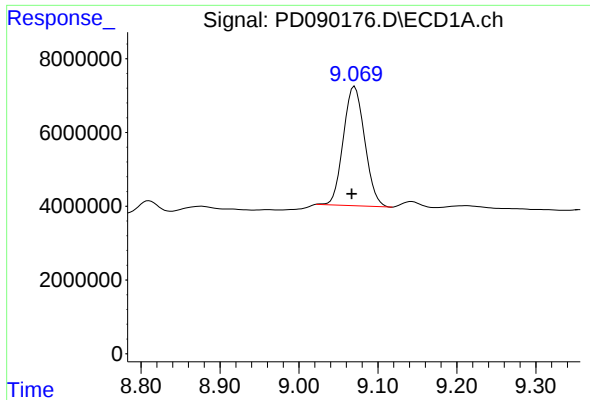
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 135755334
Conc: 43.04 ng/ml m



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 874682701
Conc: 42.35 ng/ml



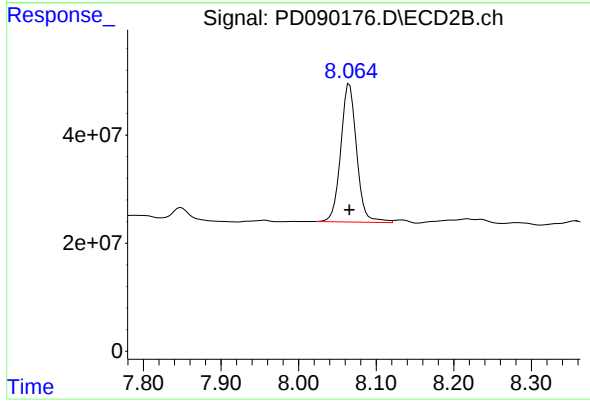
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 60869774
Conc: 14.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 363890326
Conc: 14.06 ng/ml