

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 17:47
 Operator : AR\AJ
 Sample : Q3374-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-5-WCMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 23:53:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.875	58250797	578.0E6	18.705m	19.410
28)	SA Decachlor...	9.066	8.062	79660098	495.7E6	17.029	16.364
Target Compounds							
2)	A alpha-BHC	3.994	3.387	355.7E6	2383.1E6	49.557	46.641
3)	MA gamma-BHC...	4.325	3.723	332.0E6	2196.2E6	48.825	46.482
4)	MA Heptachlor	4.923	4.075	278.0E6	2068.7E6	49.738	46.381
5)	MB Aldrin	5.265	4.360	319.2E6	2178.8E6	48.753	47.039
6)	B beta-BHC	4.512	4.019	126.5E6	932.9E6	48.284	47.047
7)	B delta-BHC	4.761	4.255	332.7E6	2217.2E6	49.199	46.466
8)	B Heptachlo...	5.685	4.862	280.0E6	1942.9E6	48.363	45.566m
9)	A Endosulfan I	6.069	5.238	265.3E6	1837.9E6	47.923	46.659
10)	B gamma-Chl...	5.940	5.116	277.1E6	2095.9E6	46.718	46.628
11)	B alpha-Chl...	6.021	5.181	286.0E6	2020.8E6	46.273	46.846
12)	B 4,4'-DDE	6.191	5.366	256.8E6	2045.4E6	48.201	46.657
13)	MA Dieldrin	6.341	5.504	281.2E6	2061.3E6	48.218	46.653
14)	MA Endrin	6.569	5.779	239.9E6	1935.7E6	48.420	47.802m
15)	B Endosulfa...	6.783	6.072	186.7E6	1729.8E6	37.349	46.060
16)	A 4,4'-DDD	6.700	5.921	202.7E6	1583.5E6	49.988	43.458
17)	MA 4,4'-DDT	7.016	6.174	204.2E6	1657.6E6	49.667	47.262
18)	B Endrin al...	6.909	6.250	169.2E6	1252.7E6	46.207m	45.234
19)	B Endosulfa...	7.146	6.474	213.2E6	1609.2E6	45.972	44.895
20)	A Methoxychlor	7.489	6.745	100.2E6	800.7E6	47.145	45.946
21)	B Endrin ke...	7.626	6.983	226.6E6	1713.8E6	46.641	45.437
22)	Mirex	8.108	7.176	142.3E6	1121.2E6	44.458	43.641

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
Data File : PD090707.D
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Acq On : 20 Oct 2025 17:47
Operator : AR\AJ
Sample : Q3374-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

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ClientSampleId :

TP-5-WCMS

Manual Integrations

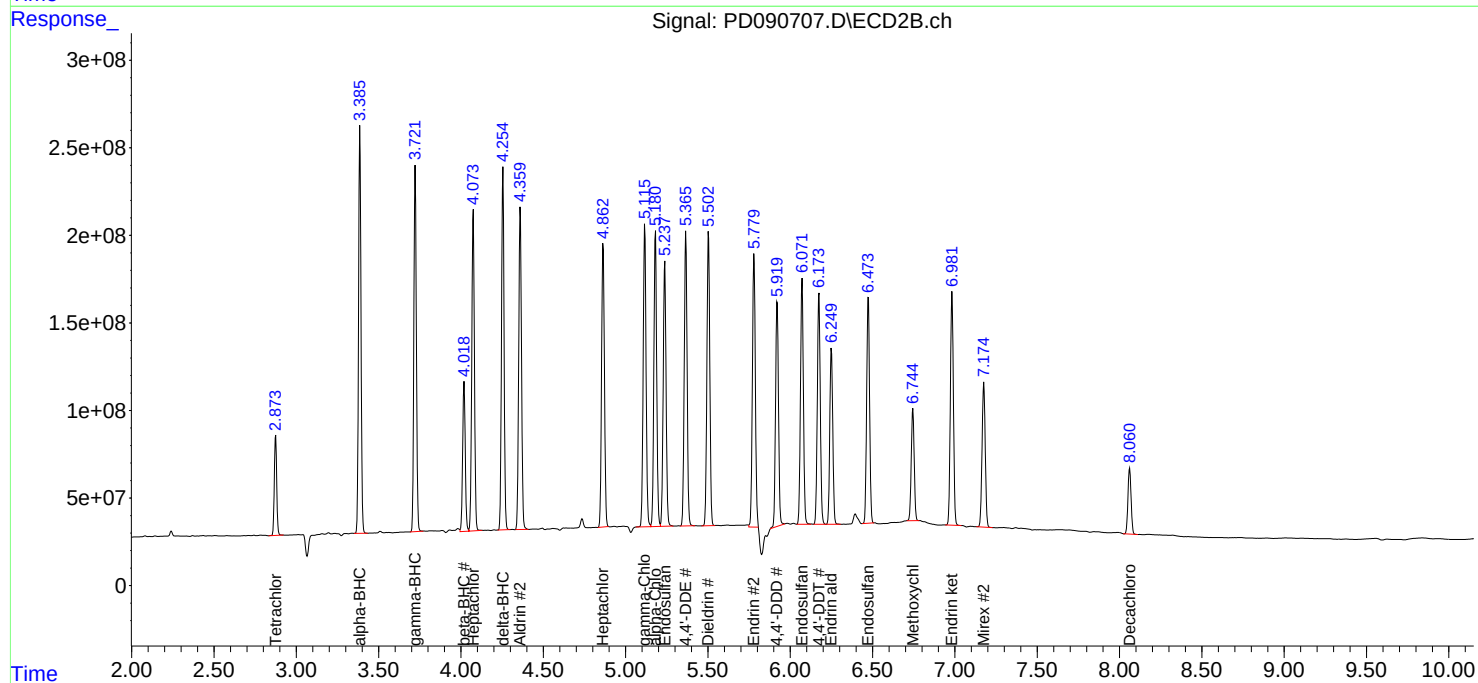
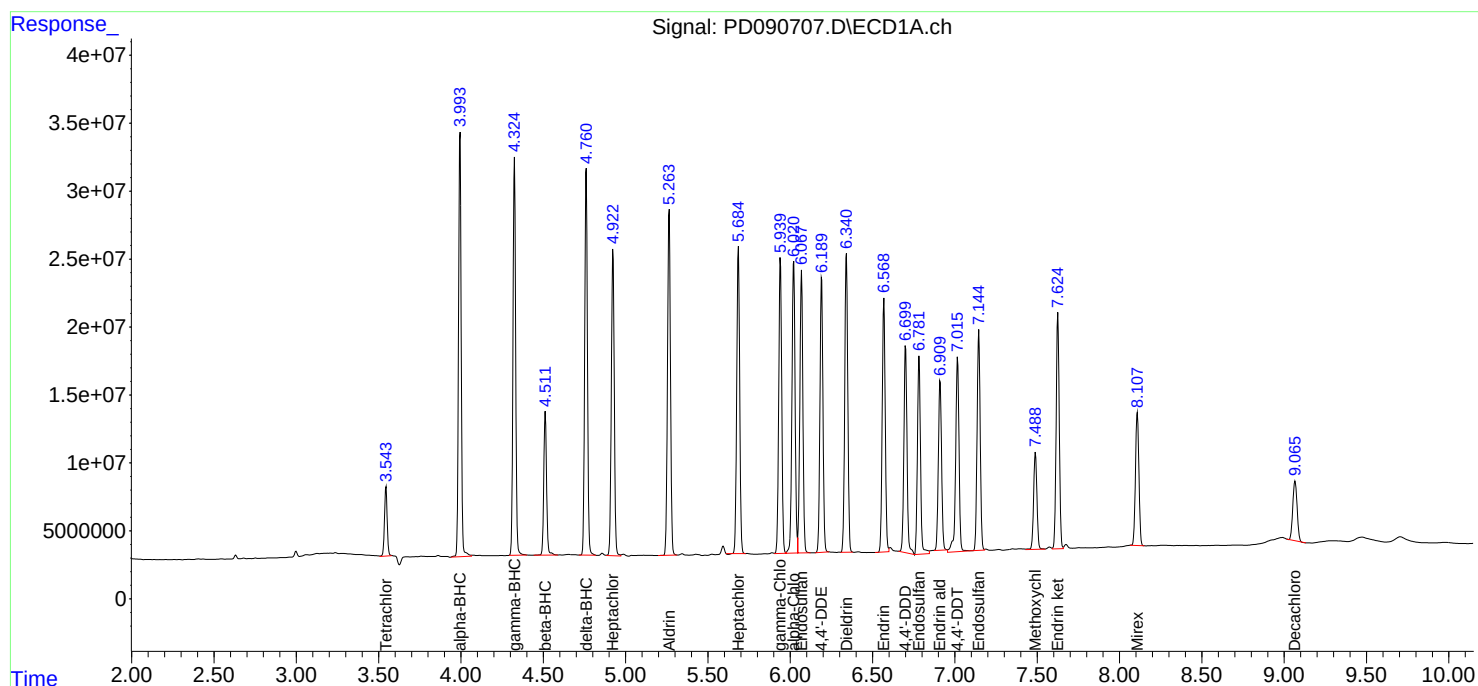
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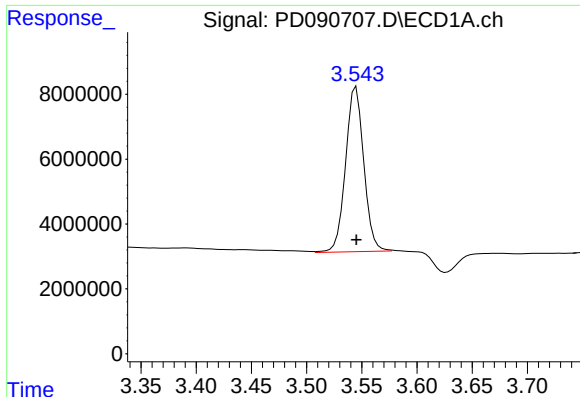
Reviewed By :Abdul Mirza 10/21/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 23:53:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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





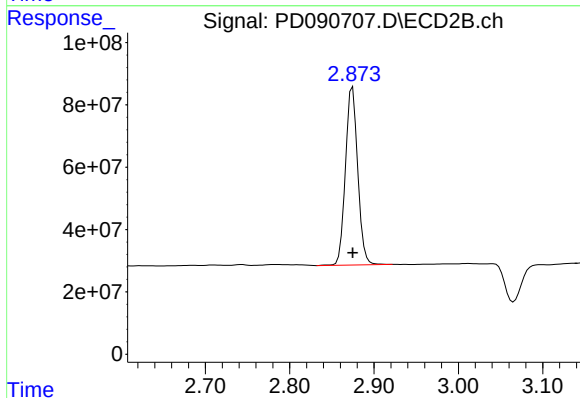
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 58250797
Conc: 18.71 ng/ml

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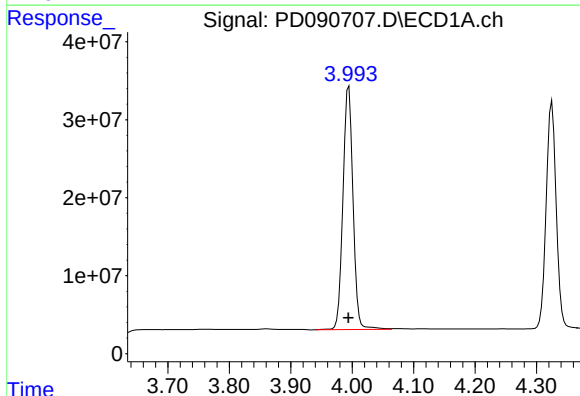
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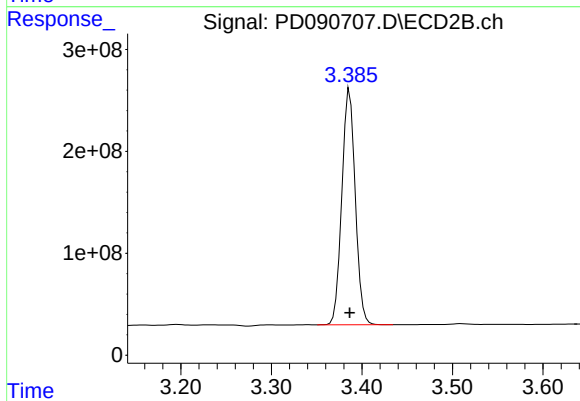
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 577973604
Conc: 19.41 ng/ml



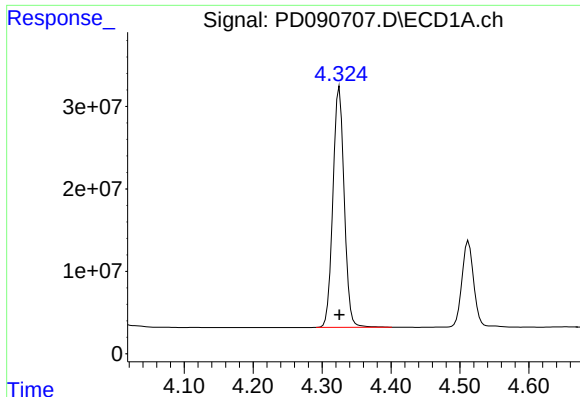
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 355677215
Conc: 49.56 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2383137735
Conc: 46.64 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 331952389
Conc: 48.82 ng/ml

Instrument :

ECD_D

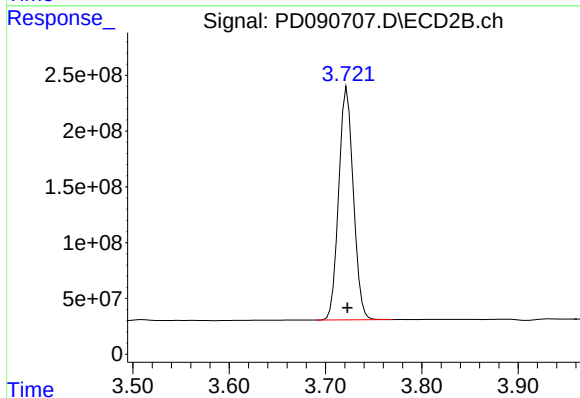
ClientSampleId :

TP-5-WCMS

Manual Integrations

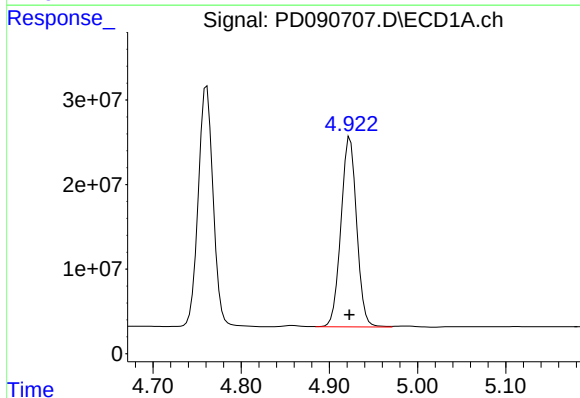
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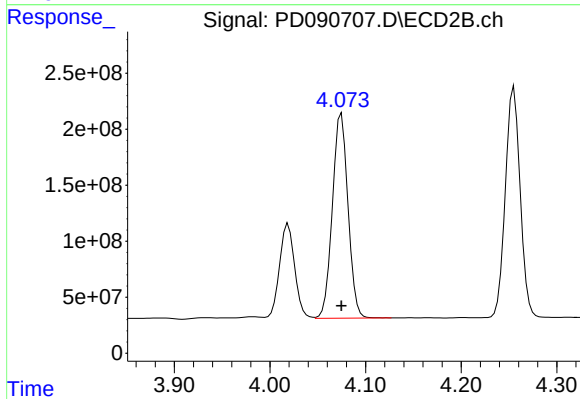
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2196233864
Conc: 46.48 ng/ml



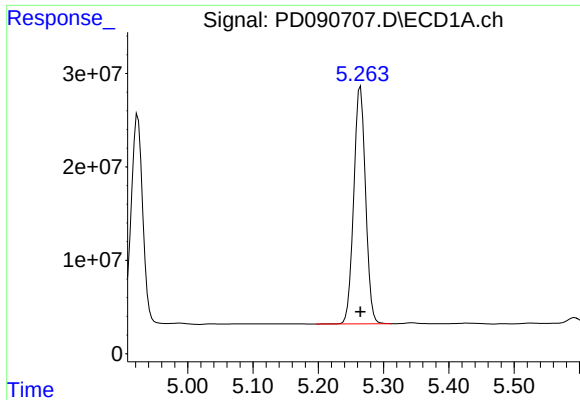
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 278013338
Conc: 49.74 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2068743447
Conc: 46.38 ng/ml



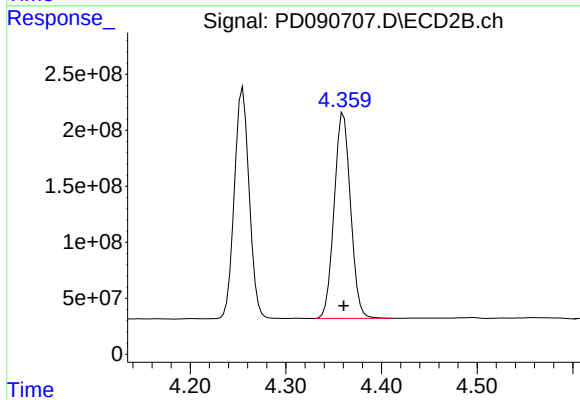
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 319197691
Conc: 48.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
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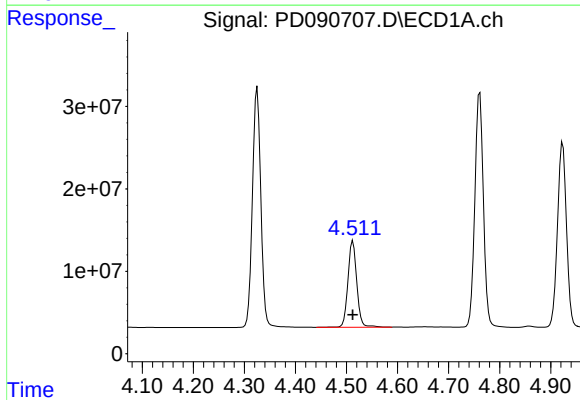
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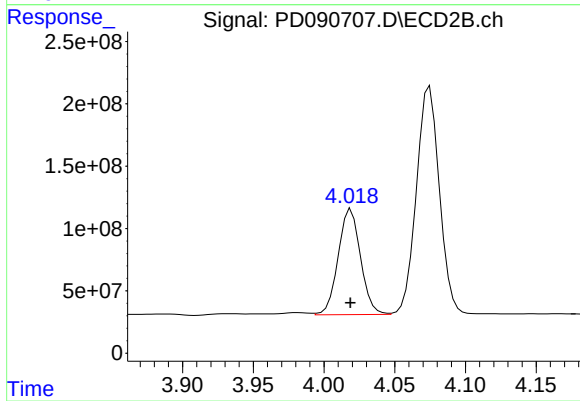
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2178781483
Conc: 47.04 ng/ml



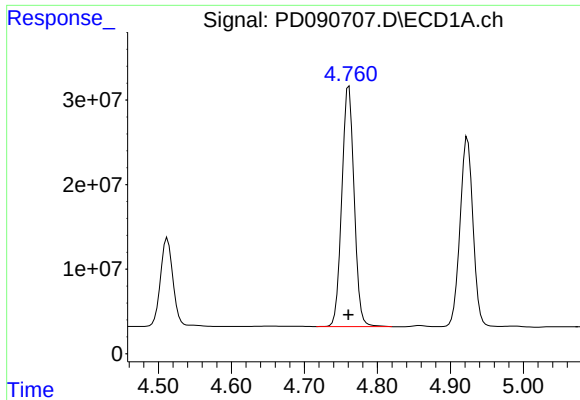
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 126486121
Conc: 48.28 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 932913471
Conc: 47.05 ng/ml



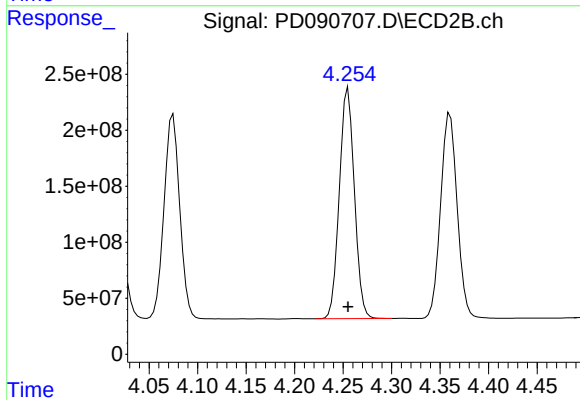
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 332670450
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

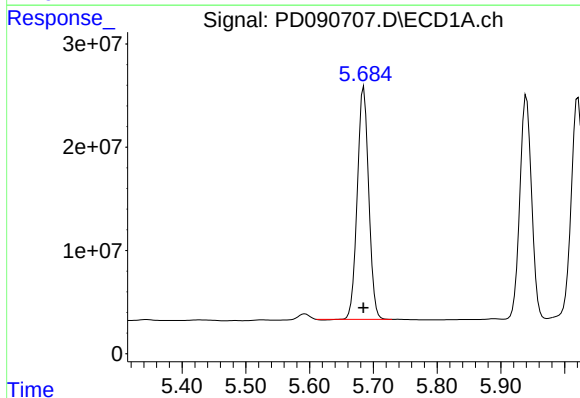
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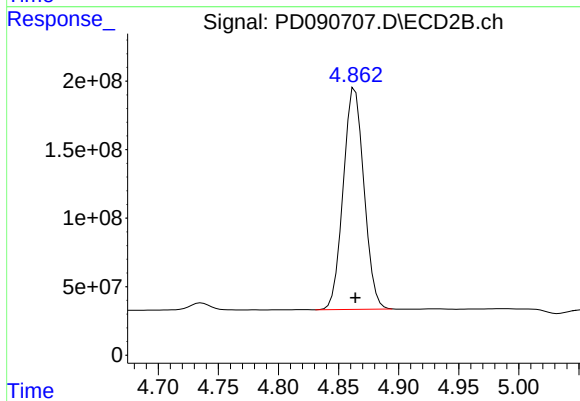
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2217184463
Conc: 46.47 ng/ml



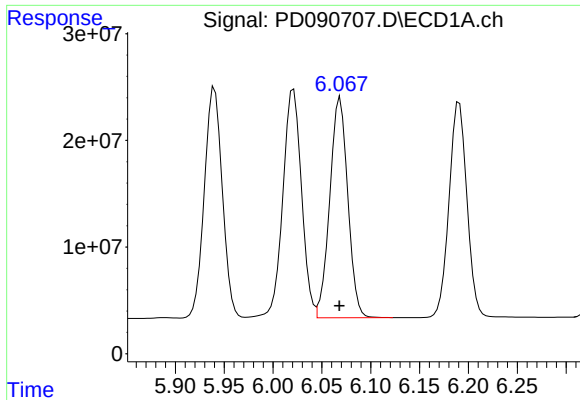
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 279977721
Conc: 48.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1942899890
Conc: 45.57 ng/ml m



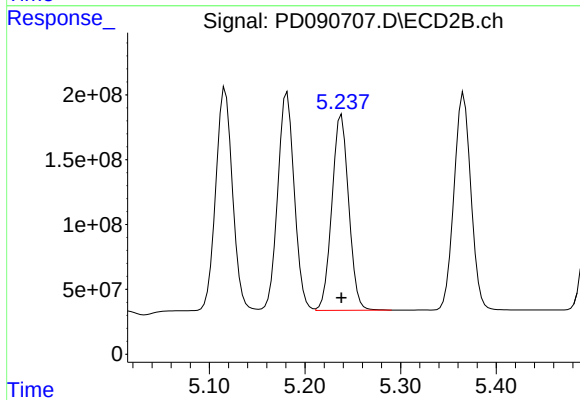
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 265334378
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

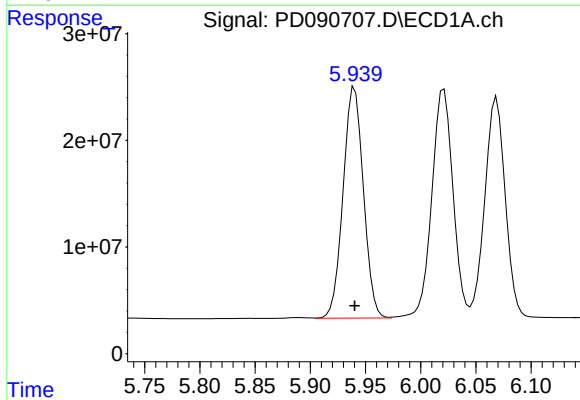
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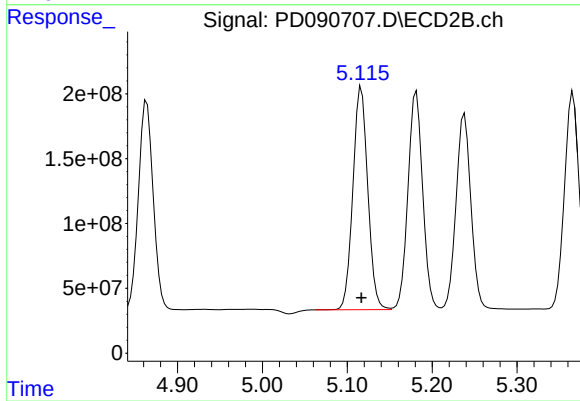
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1837911488
Conc: 46.66 ng/ml



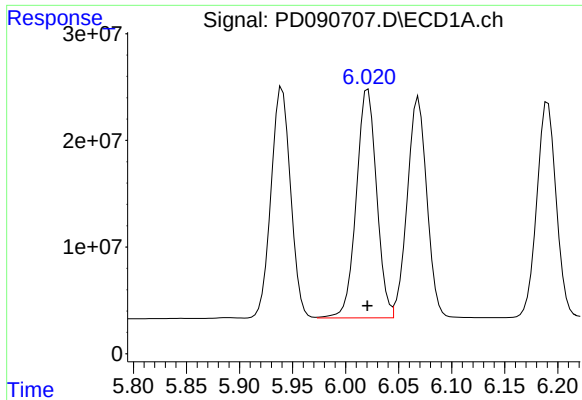
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 277094900
Conc: 46.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2095881525
Conc: 46.63 ng/ml



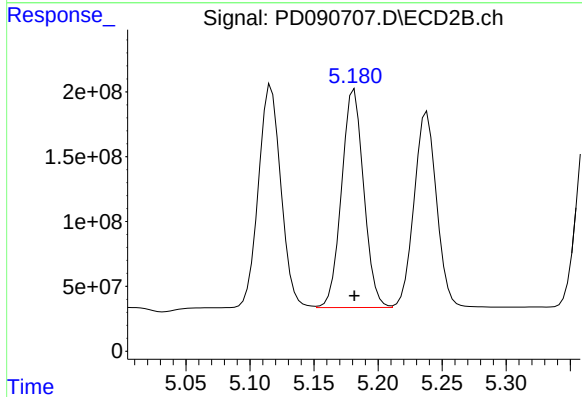
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 285978309
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

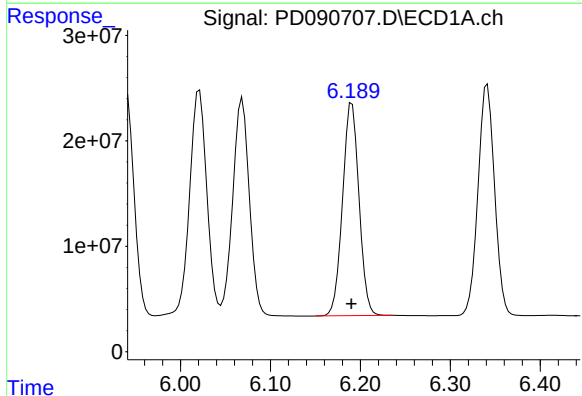
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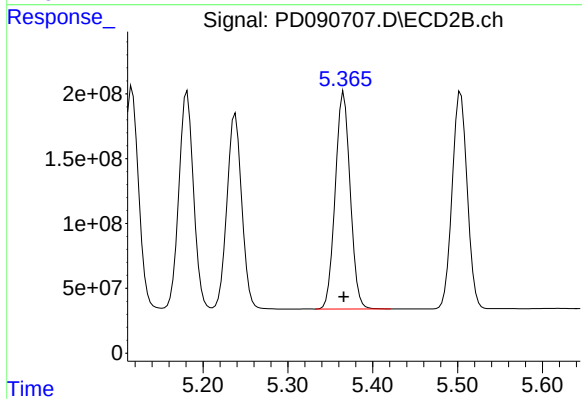
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2020823652
Conc: 46.85 ng/ml



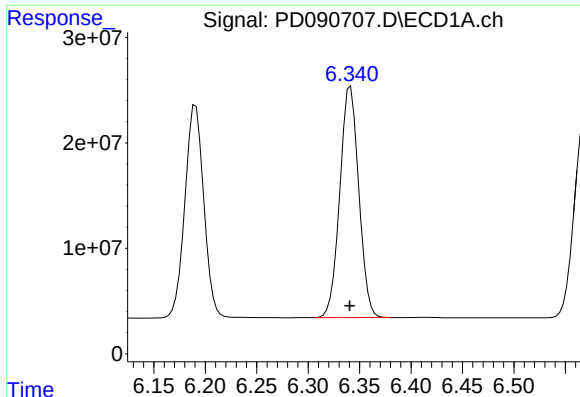
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 256751583
Conc: 48.20 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2045358889
Conc: 46.66 ng/ml



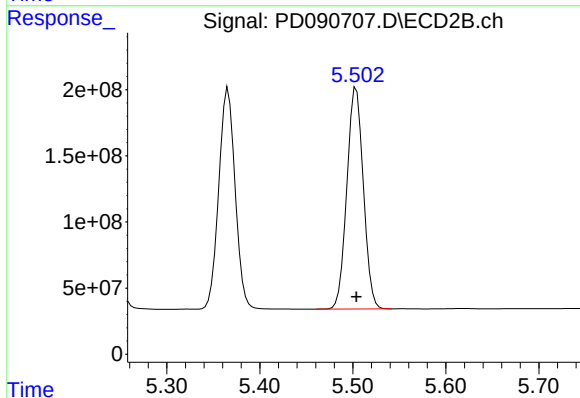
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 281175932
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

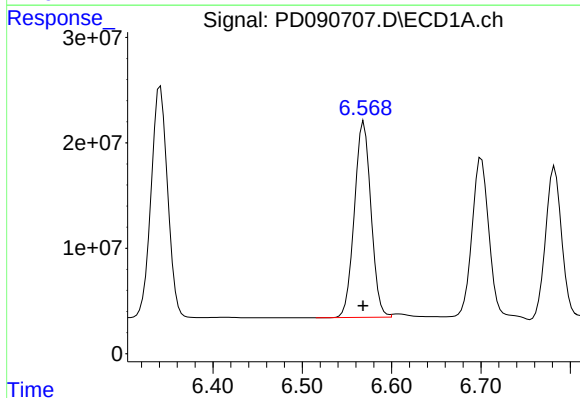
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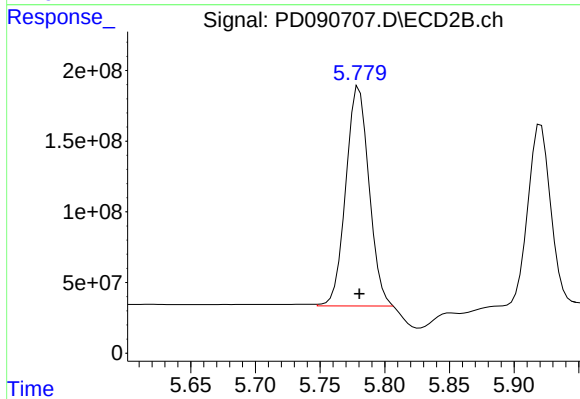
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 2061317004
Conc: 46.65 ng/ml



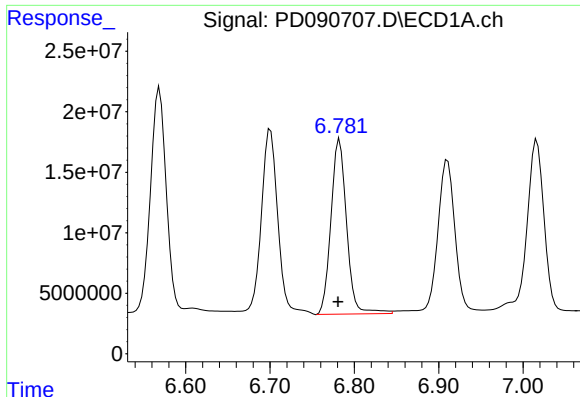
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 239857278
Conc: 48.42 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1935697716
Conc: 47.80 ng/ml m



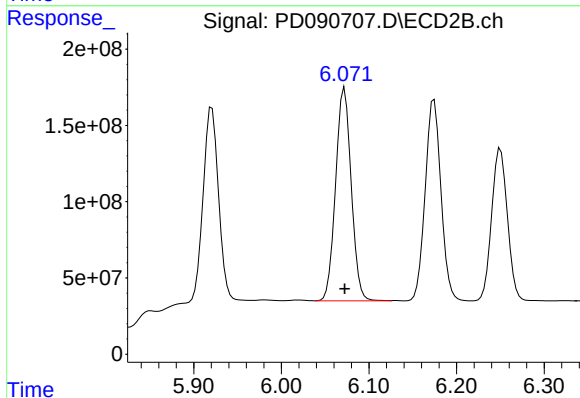
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 186744417
Conc: 37.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

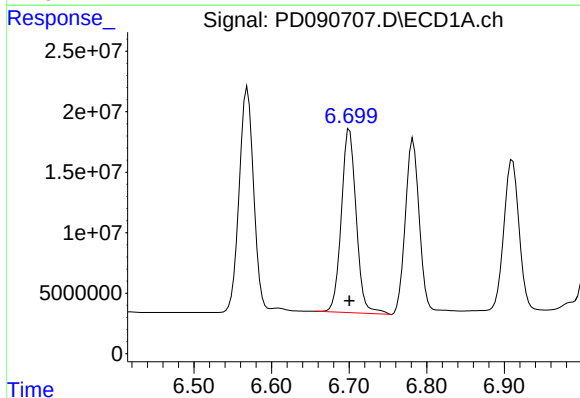
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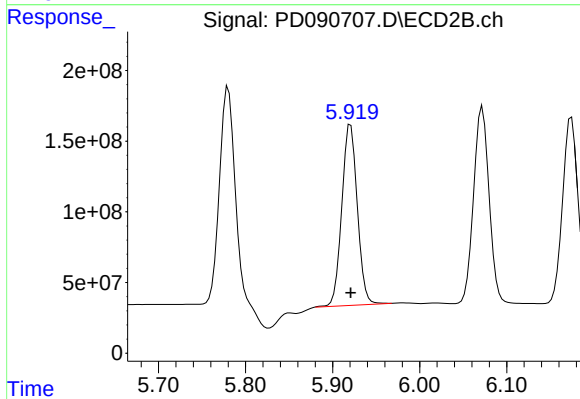
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1729793046
Conc: 46.06 ng/ml



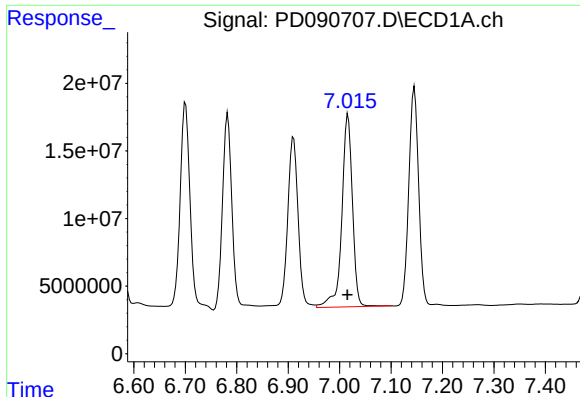
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 202662460
Conc: 49.99 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1583534734
Conc: 43.46 ng/ml



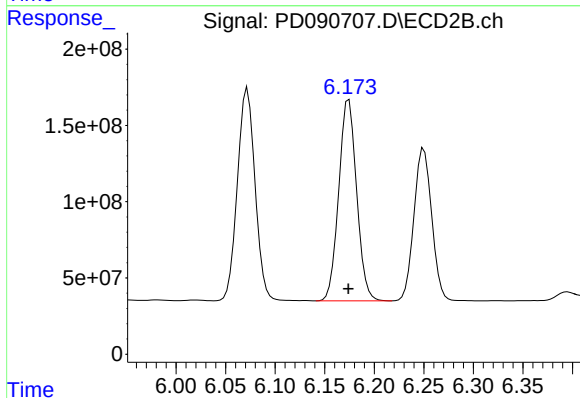
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 204155804
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

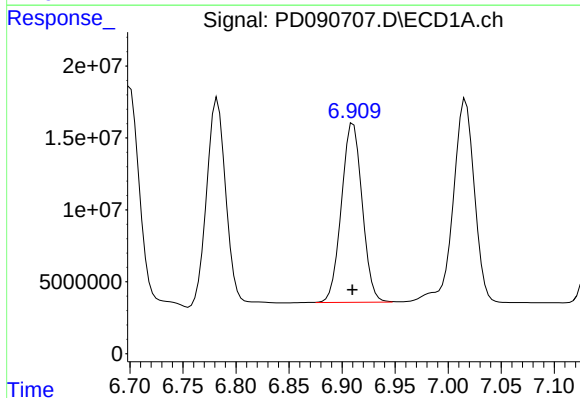
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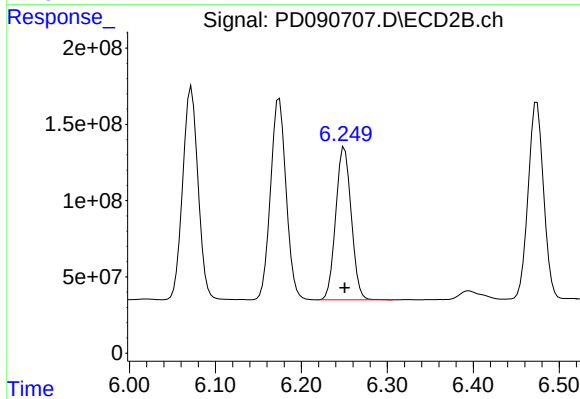
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1657638606
Conc: 47.26 ng/ml



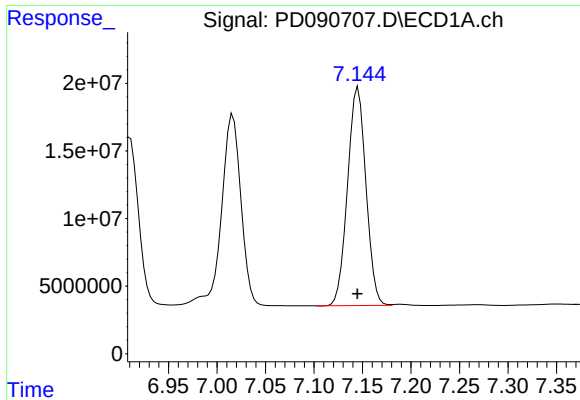
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 169242678
Conc: 46.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1252651510
Conc: 45.23 ng/ml



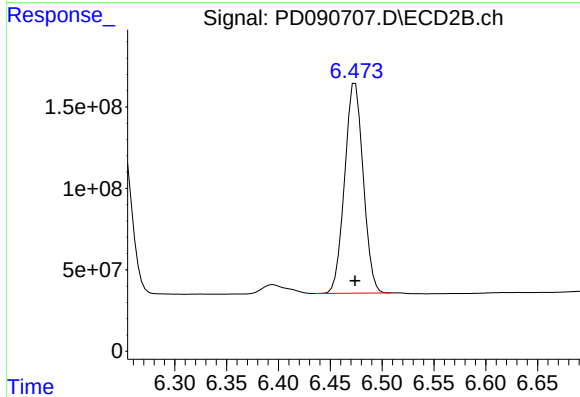
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 213229210
Conc: 45.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

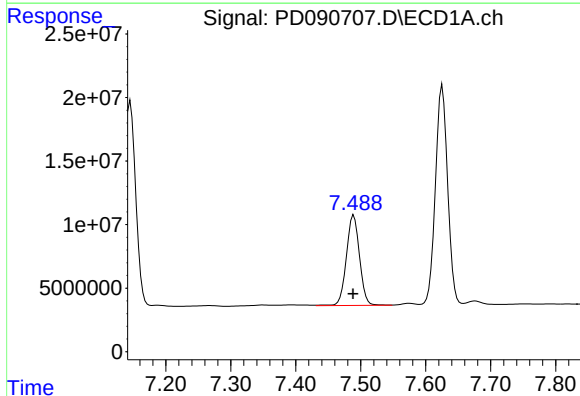
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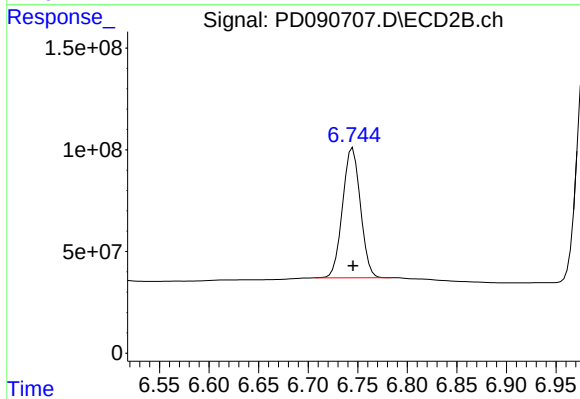
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1609245838
Conc: 44.89 ng/ml



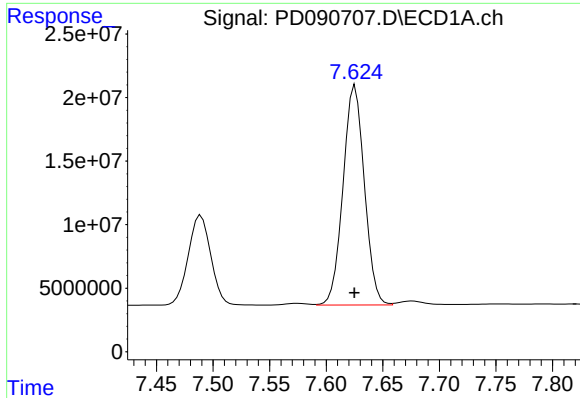
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 100210626
Conc: 47.14 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 800732064
Conc: 45.95 ng/ml



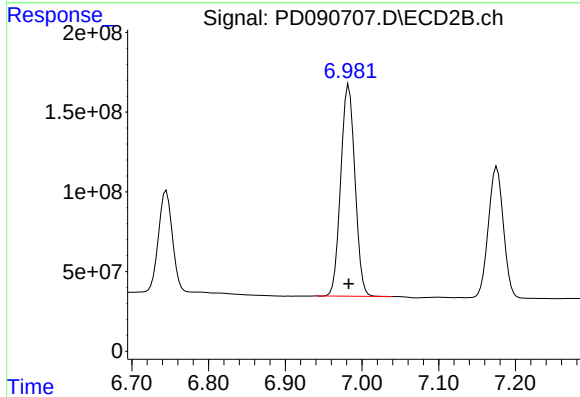
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 226620175
Conc: 46.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

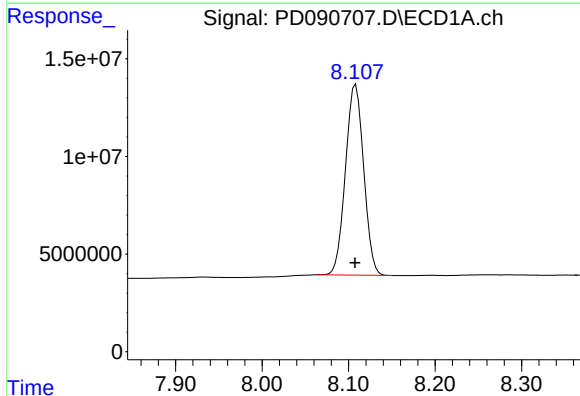
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APPROVED

Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



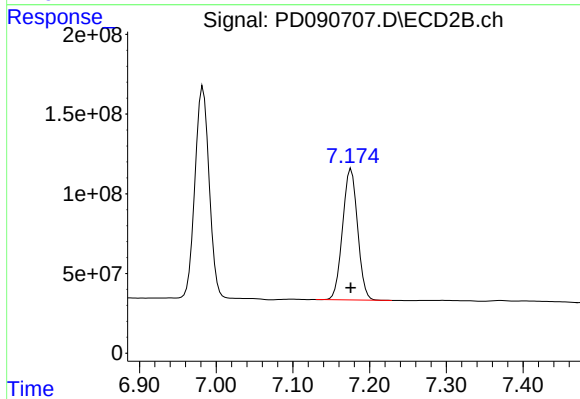
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1713774575
Conc: 45.44 ng/ml



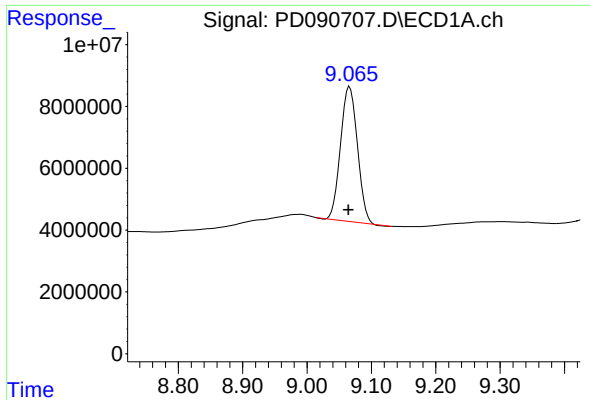
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 142303759
Conc: 44.46 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1121174300
Conc: 43.64 ng/ml



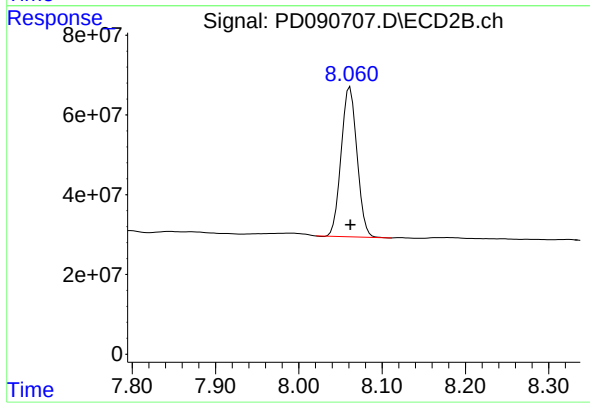
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 79660098
Conc: 17.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5-WCMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 495674616
Conc: 16.36 ng/ml