

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
 Data File : PD090167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 15:33
 Operator : AR\AJ
 Sample : BS/TESTSAMPLE-1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BS/TESTSAMPLE-1

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 03:11:01 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...	3.557	2.875	44710435	346.4E6	15.234	15.712m
28)	SA Decachlor...	9.083	8.068	67847627	424.0E6	15.720	16.380
Target Compounds							
2)	A alpha-BHC	4.007	3.388	233.7E6	1351.0E6	38.929	39.808m
3)	MA gamma-BHC...	4.338	3.726	221.1E6	1243.8E6	38.602	39.904
4)	MA Heptachlor	4.936	4.079	216.6E6	1228.7E6	38.618	39.390
5)	MB Aldrin	5.278	4.364	220.2E6	1262.9E6	40.666	41.468
6)	B beta-BHC	4.524	4.022	85375497	532.1E6	38.063	39.913
7)	B delta-BHC	4.773	4.258	176.7E6	1028.4E6	34.130	32.597
8)	B Heptachlo...	5.698	4.868	199.7E6	1134.8E6	40.704	40.975
9)	A Endosulfan I	6.082	5.243	184.6E6	1090.2E6	39.997	41.577
10)	B gamma-Chl...	5.953	5.121	196.7E6	1230.8E6	40.226	41.566
11)	B alpha-Chl...	6.034	5.186	195.8E6	1173.3E6	39.773	41.115
12)	B 4,4'-DDE	6.204	5.370	175.7E6	1199.7E6	40.036	41.622
13)	MA Dieldrin	6.354	5.509	195.1E6	1207.4E6	39.858	41.225
14)	MA Endrin	6.582	5.785	146.3E6	1004.4E6	35.306	37.715
15)	B Endosulfa...	6.795	6.077	161.0E6	1030.1E6	38.145	40.723
16)	A 4,4'-DDD	6.713	5.925	142.4E6	1069.9E6	41.160	44.500
17)	MA 4,4'-DDT	7.029	6.179	125.2E6	921.8E6	32.852	36.769
18)	B Endrin al...	6.923	6.255	118.5E6	753.8E6	41.342	43.773
19)	B Endosulfa...	7.157	6.479	135.9E6	909.7E6	34.693	37.315
20)	A Methoxychlor	7.502	6.749	64747830	458.7E6	32.283	35.573
21)	B Endrin ke...	7.637	6.988	162.5E6	1121.9E6	39.217m	42.108
22)	Mirex	8.121	7.181	121.4E6	839.9E6	38.499	40.662

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

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Data File : PD090167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 15:33
Operator : AR\AJ
Sample : BS/TESTSAMPLE-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

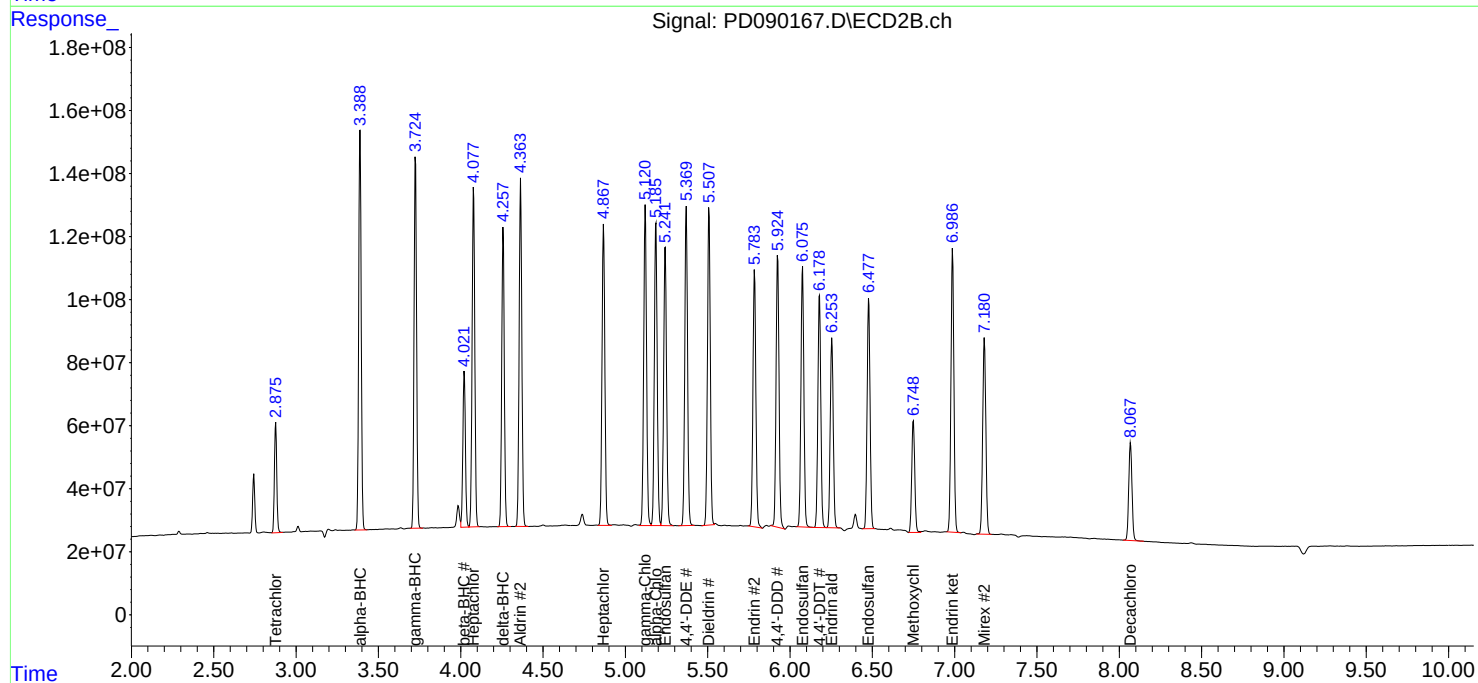
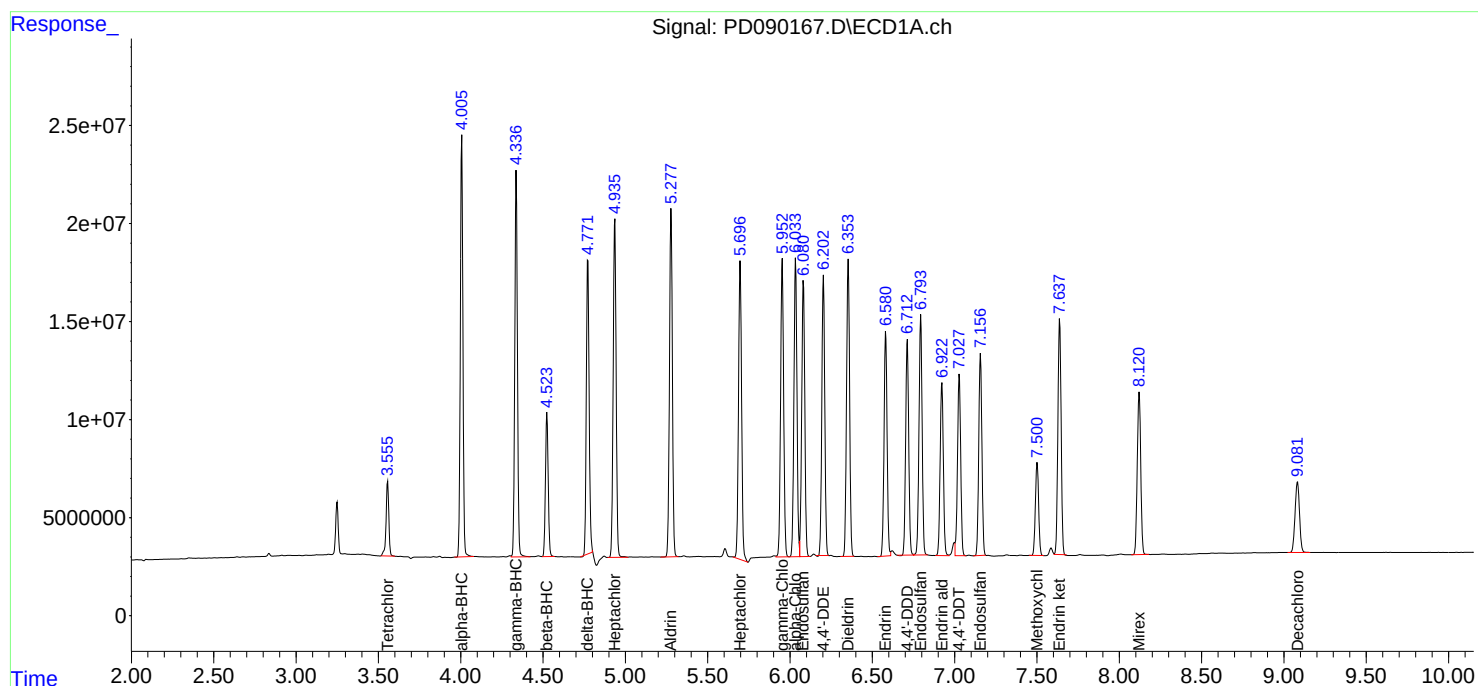
Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

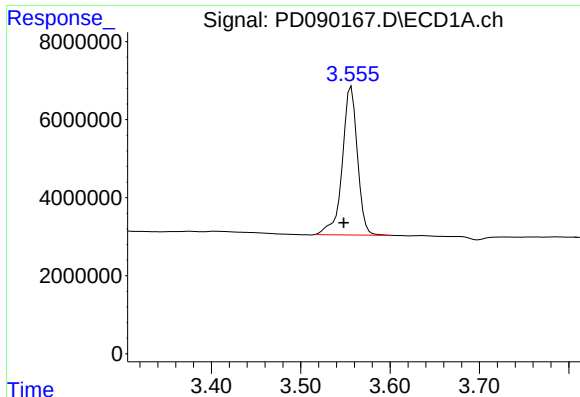
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 03:11:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





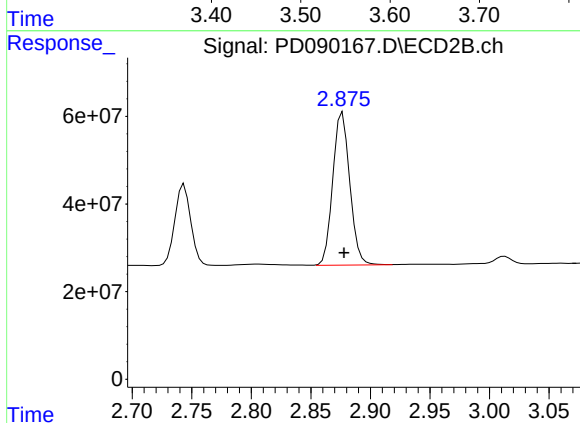
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.009 min
Response: 44710435
Conc: 15.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

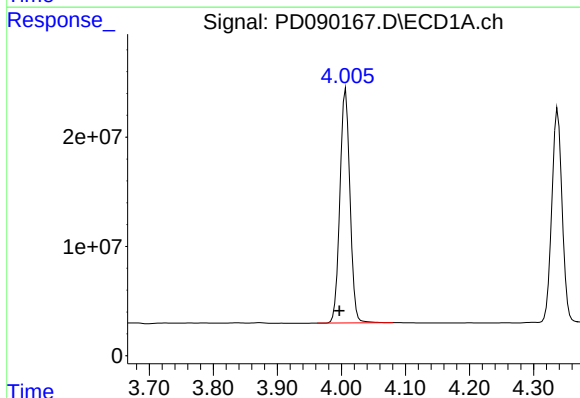
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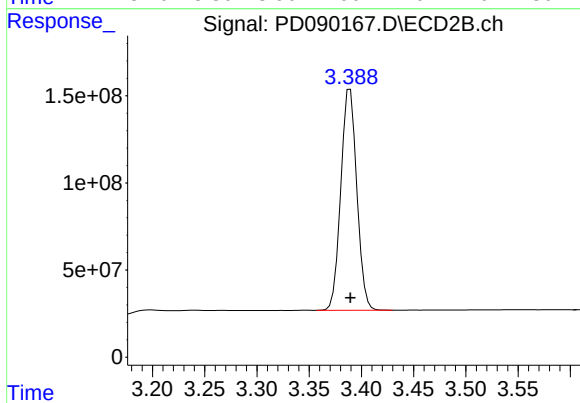
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.003 min
Response: 346449773
Conc: 15.71 ng/ml m



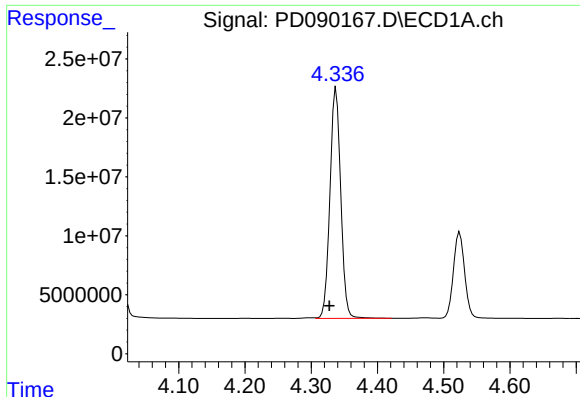
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.010 min
Response: 233661232
Conc: 38.93 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1351025253
Conc: 39.81 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.010 min
Response: 221065691
Conc: 38.60 ng/ml

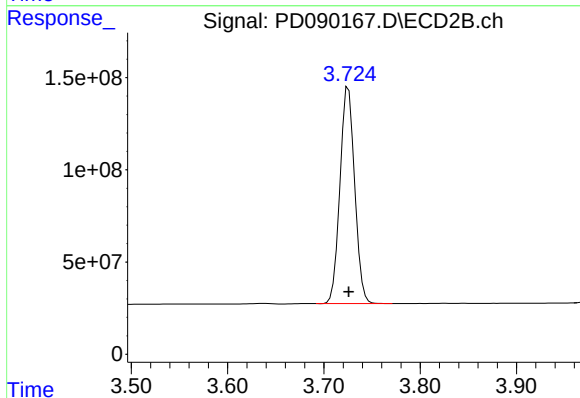
Instrument :

ECD_D

ClientSampleId :
BS/TESTSAMPLE-1

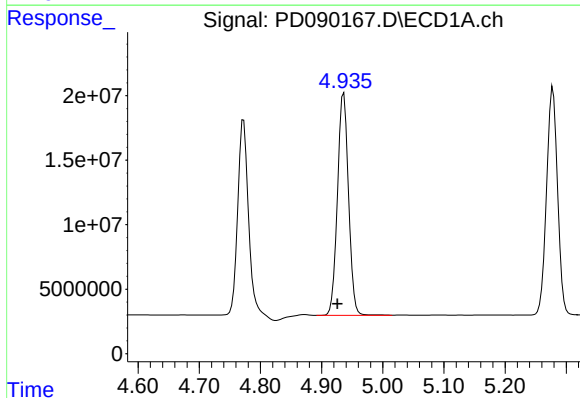
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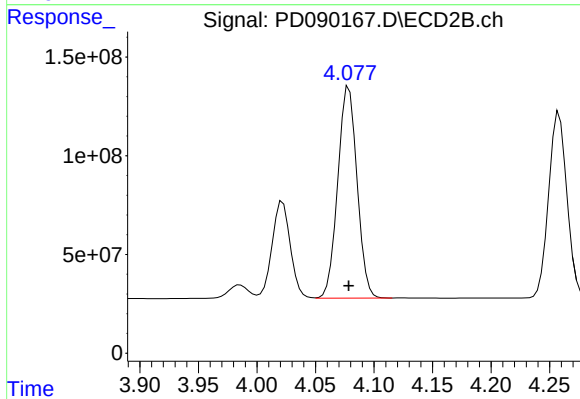
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1243821077
Conc: 39.90 ng/ml



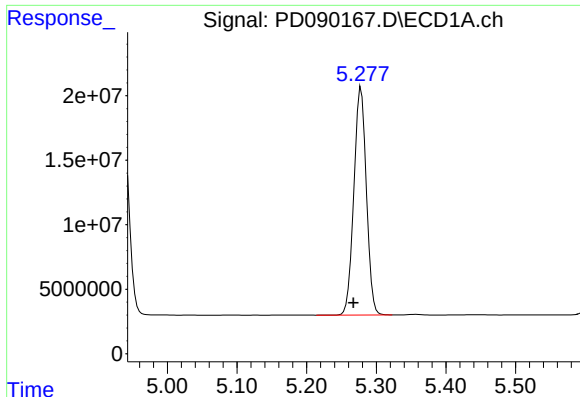
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.010 min
Response: 216616892
Conc: 38.62 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1228652610
Conc: 39.39 ng/ml



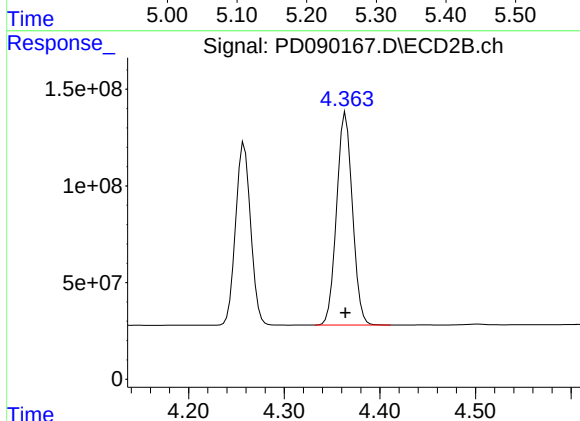
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.011 min
Response: 220188071
Conc: 40.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

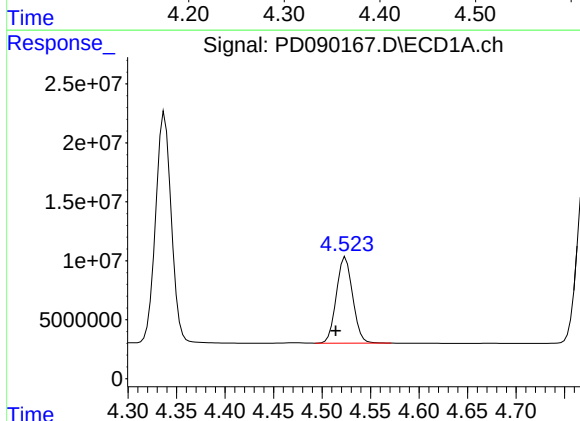
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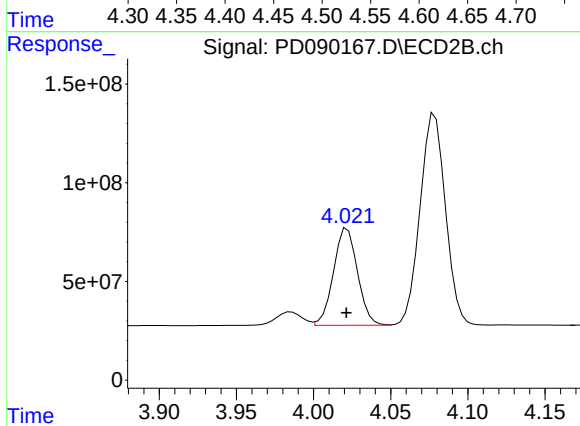
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1262936488
Conc: 41.47 ng/ml



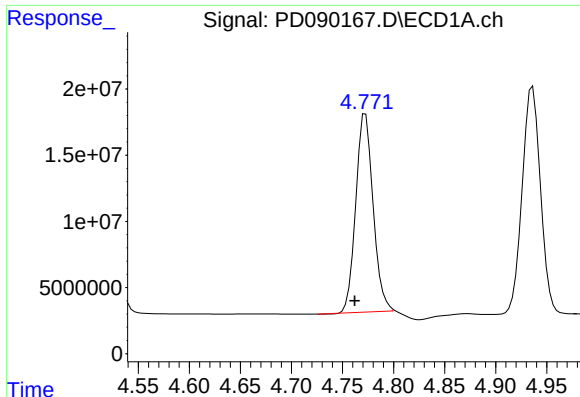
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.010 min
Response: 85375497
Conc: 38.06 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 532050096
Conc: 39.91 ng/ml



#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 176713270
Conc: 34.13 ng/ml

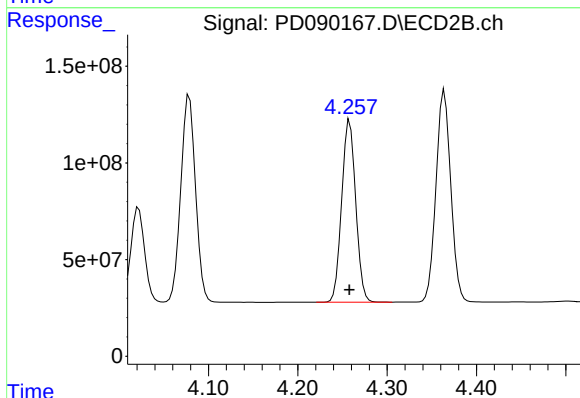
Instrument :

ECD_D

ClientSampleId :
BS/TESTSAMPLE-1

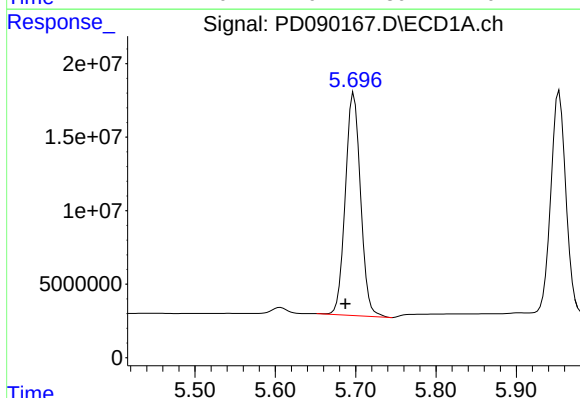
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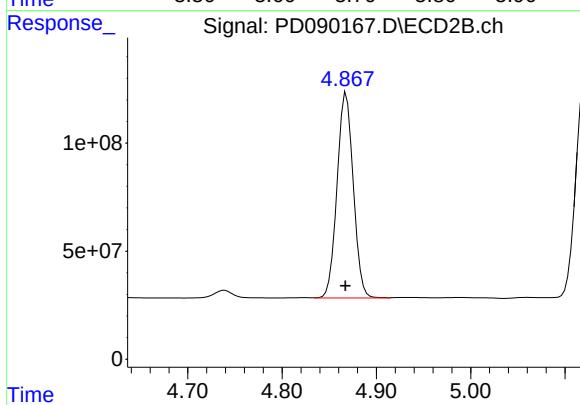
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1028416200
Conc: 32.60 ng/ml



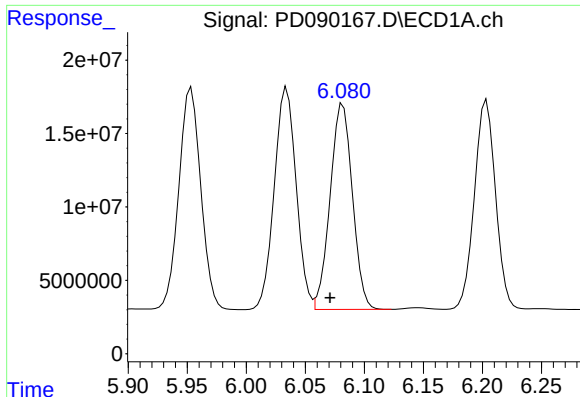
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.011 min
Response: 199727919
Conc: 40.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1134785543
Conc: 40.97 ng/ml



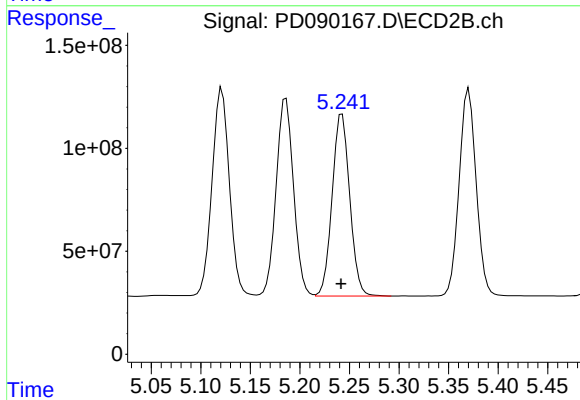
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.011 min
Response: 184580342
Conc: 40.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

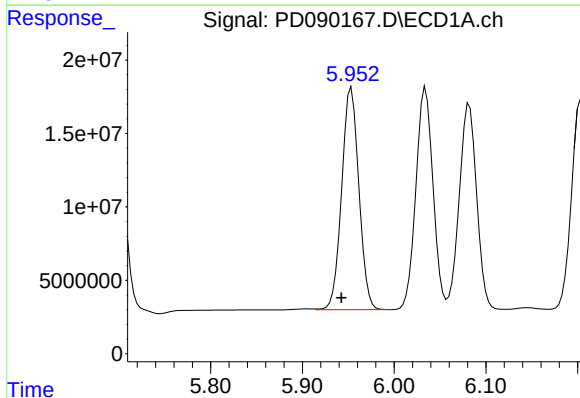
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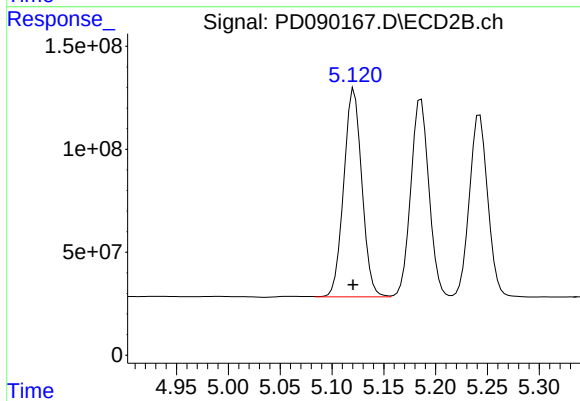
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 1090234825
Conc: 41.58 ng/ml



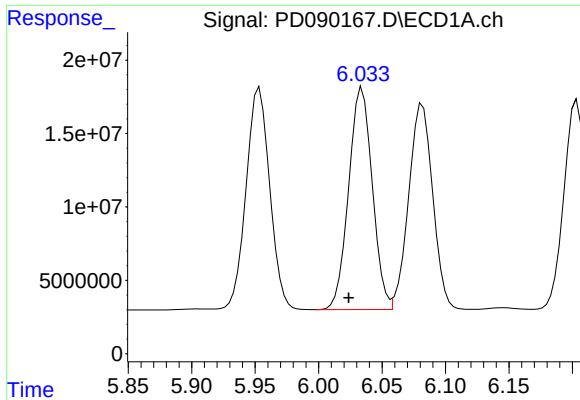
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.011 min
Response: 196744520
Conc: 40.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.001 min
Response: 1230820919
Conc: 41.57 ng/ml



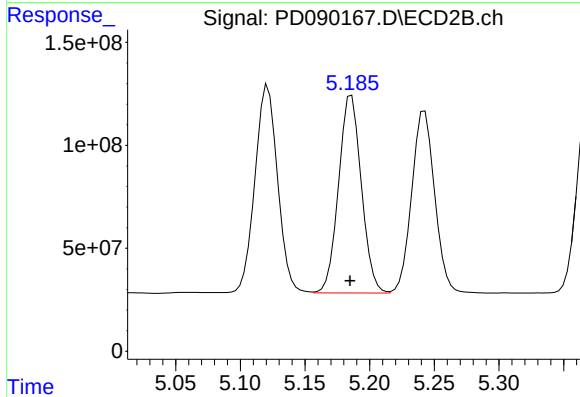
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.011 min
Response: 195778717
Conc: 39.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

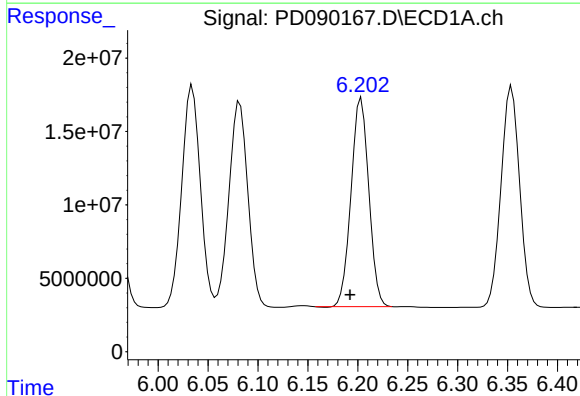
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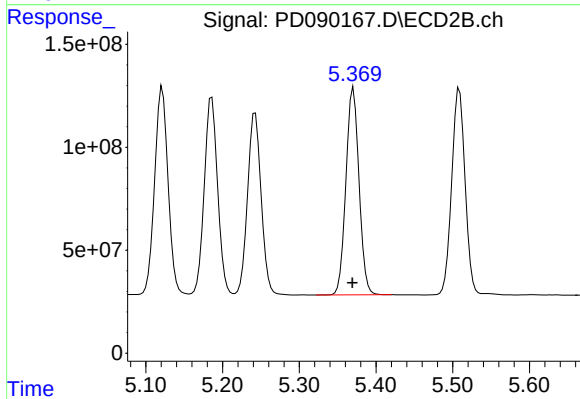
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.001 min
Response: 1173348532
Conc: 41.12 ng/ml



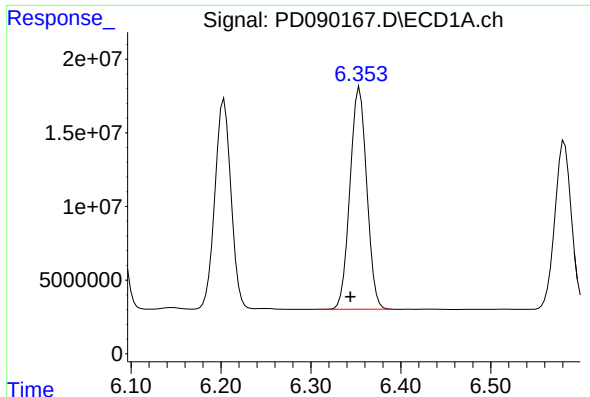
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.011 min
Response: 175689418
Conc: 40.04 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 1199672396
Conc: 41.62 ng/ml



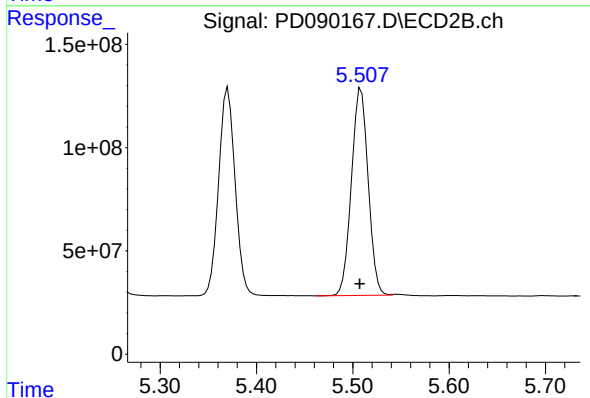
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.010 min
Response: 195137728
Conc: 39.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

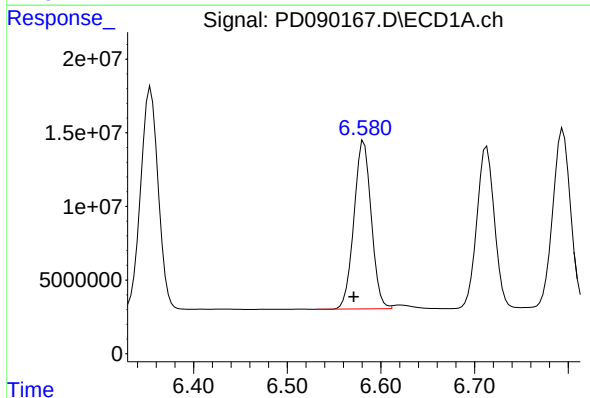
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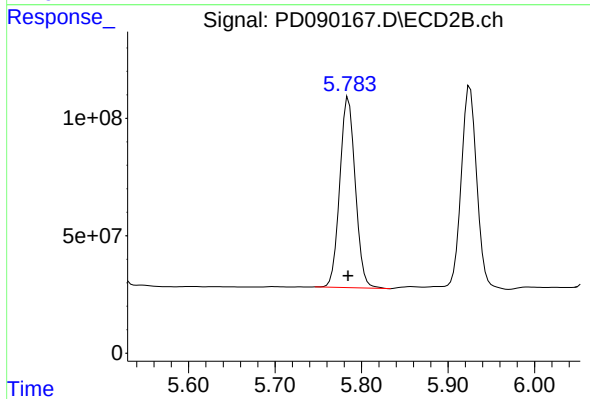
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.001 min
Response: 1207376621
Conc: 41.23 ng/ml



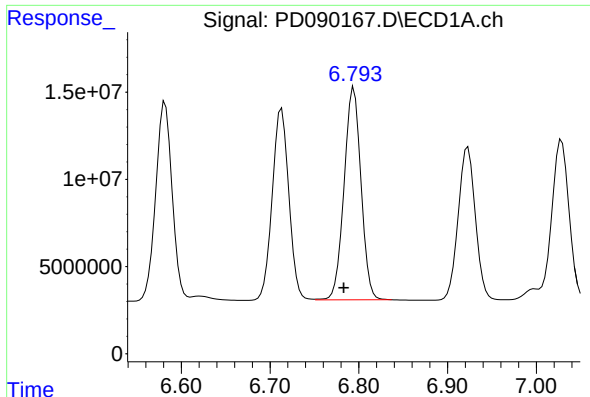
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.011 min
Response: 146294387
Conc: 35.31 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1004434840
Conc: 37.72 ng/ml



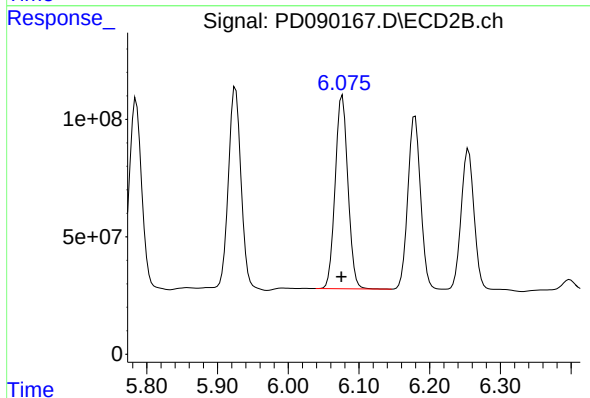
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.012 min
Response: 160959526
Conc: 38.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

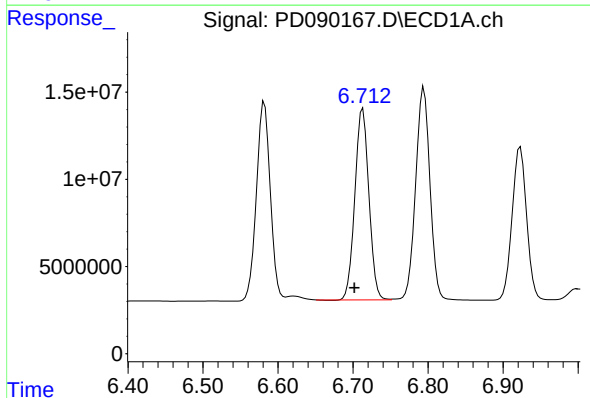
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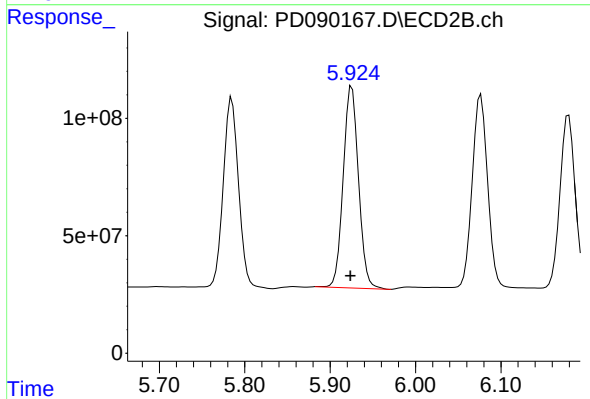
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 1030081074
Conc: 40.72 ng/ml



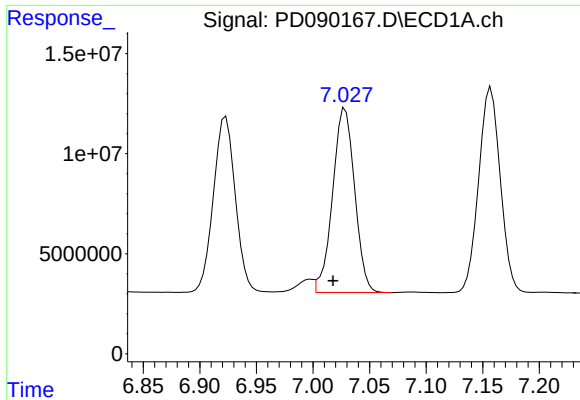
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.011 min
Response: 142376217
Conc: 41.16 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.002 min
Response: 1069947600
Conc: 44.50 ng/ml



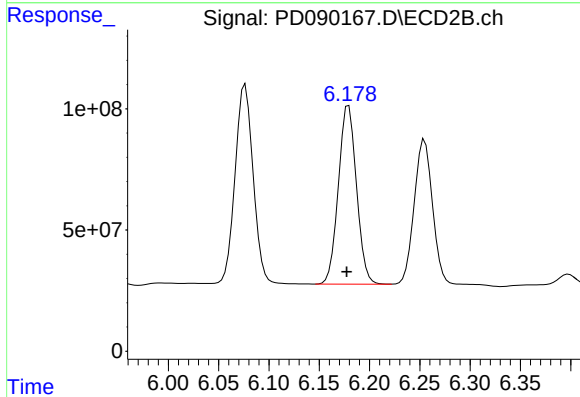
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.011 min
Response: 125156672
Conc: 32.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

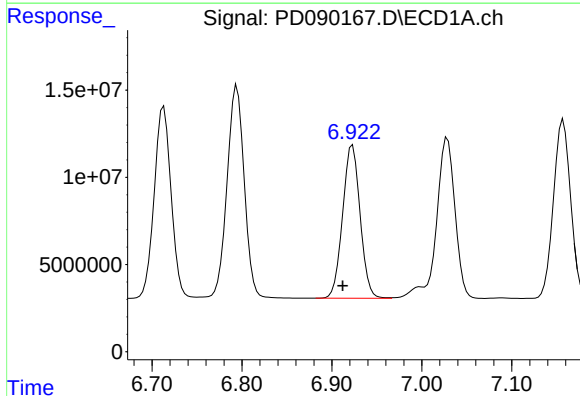
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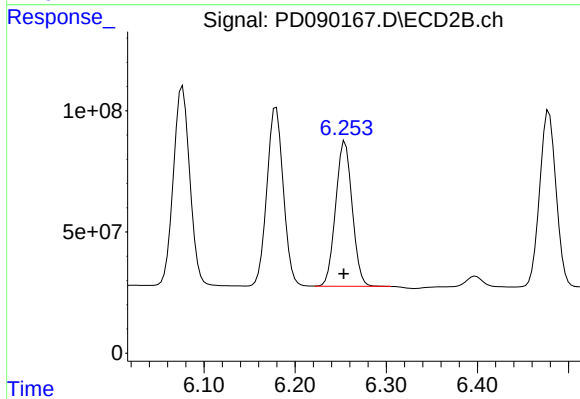
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 921780514
Conc: 36.77 ng/ml



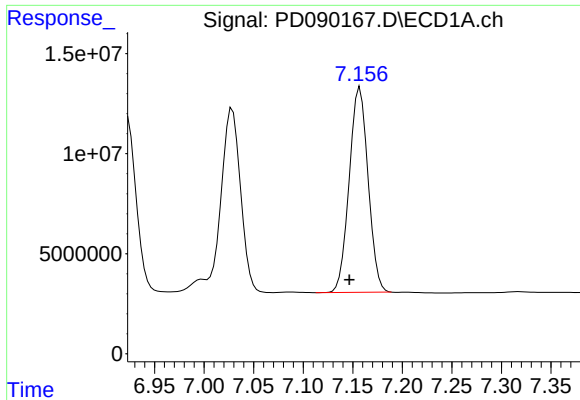
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.011 min
Response: 118533320
Conc: 41.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 753767939
Conc: 43.77 ng/ml



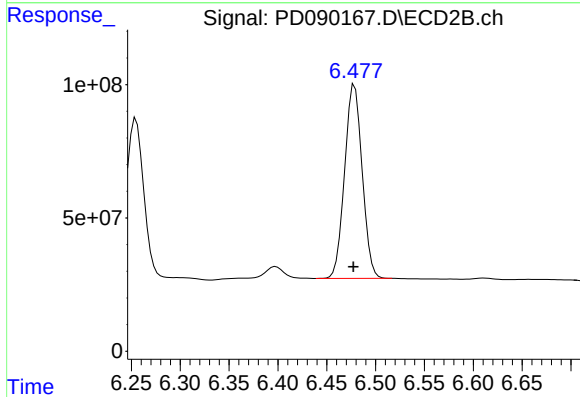
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.010 min
Response: 135942947
Conc: 34.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

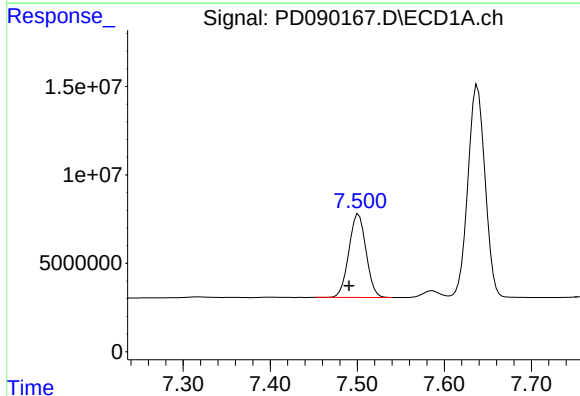
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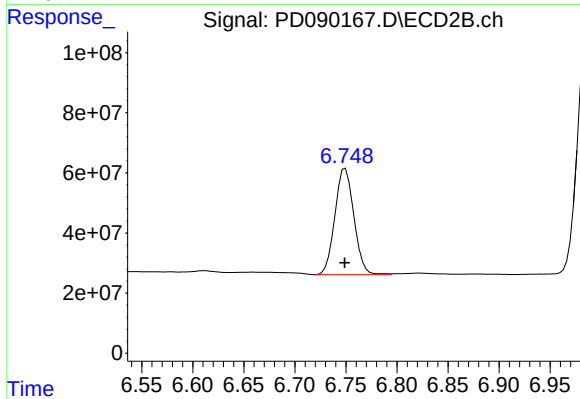
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: 0.001 min
Response: 909720958
Conc: 37.31 ng/ml



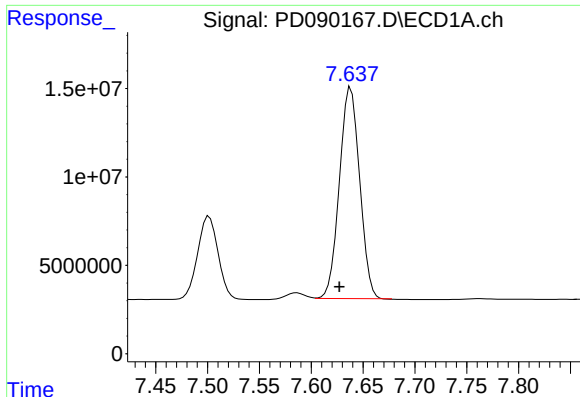
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.011 min
Response: 64747830
Conc: 32.28 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 458736813
Conc: 35.57 ng/ml



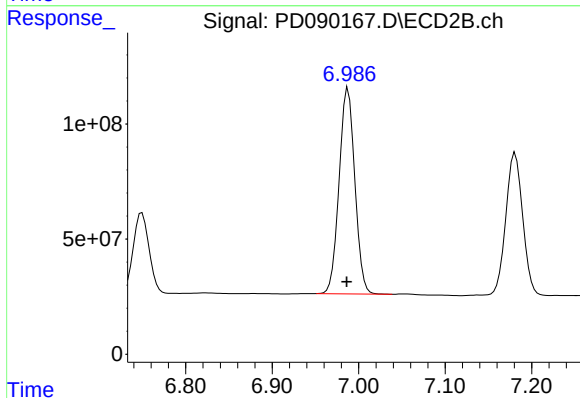
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.010 min
Response: 162534082
Conc: 39.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

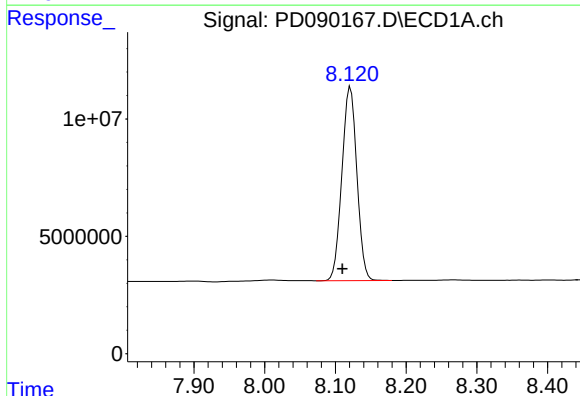
Manual Integrations
APPROVED

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



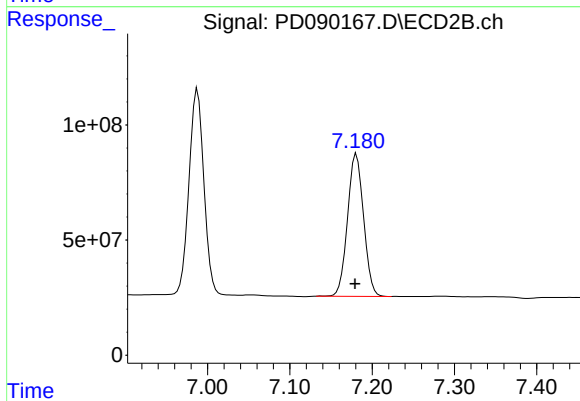
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: 0.002 min
Response: 1121938633
Conc: 42.11 ng/ml



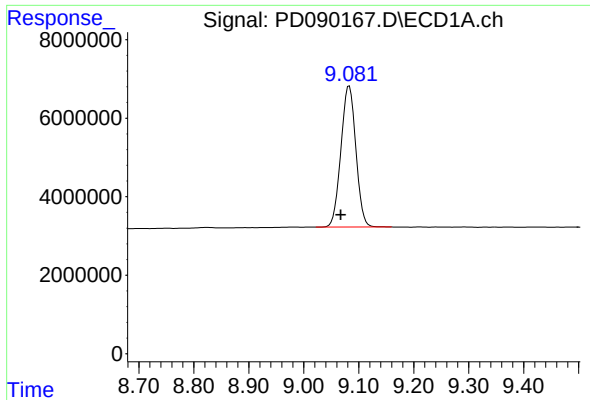
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.011 min
Response: 121442680
Conc: 38.50 ng/ml



#22 Mirex

R.T.: 7.181 min
Delta R.T.: 0.002 min
Response: 839906608
Conc: 40.66 ng/ml



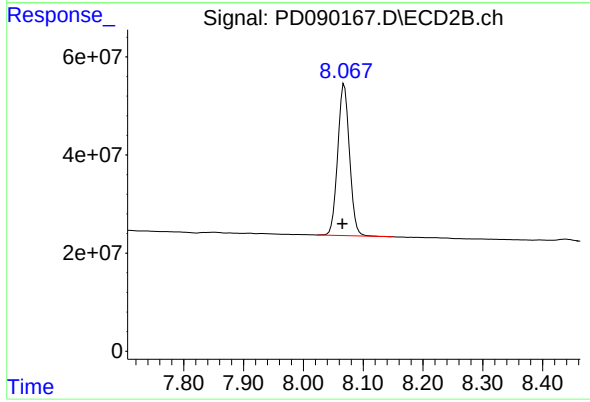
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.016 min
Response: 67847627
Conc: 15.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-1

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/09/2025



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 424007624
Conc: 16.38 ng/ml