

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
 Data File : PD088559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 12:52
 Operator : AR\AJ
 Sample : Q1984-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-PCS-TC-33-050725MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 02:17:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.552	2.882	42022681	300.2E6	21.039	20.529
28) SA Decachlor...	9.077	8.075	69954709	340.9E6	21.146	18.450
Target Compounds						
2) A alpha-BHC	4.001	3.395	242.8E6	1145.1E6	56.302	50.090
3) MA gamma-BHC...	4.332	3.731	239.9E6	1044.4E6	57.288	48.490
4) MA Heptachlor	4.932	4.085	234.9E6	1078.0E6	58.169	50.376
5) MB Aldrin	5.272	4.370	226.1E6	1022.4E6	57.241m	49.150
6) B beta-BHC	4.517	4.025	89755012	459.5E6	55.289	49.657m
7) B delta-BHC	4.766	4.264	234.2E6	1055.2E6	56.765	49.630
8) B Heptachlo...	5.693	4.875	201.5E6	924.8E6	56.388	48.948
9) A Endosulfan I	6.077	5.249	191.2E6	878.2E6	56.623	48.753
10) B gamma-Chl...	5.948	5.128	203.8E6	994.2E6	56.261	48.985
11) B alpha-Chl...	6.029	5.192	203.7E6	959.2E6	56.428	48.933
12) B 4,4'-DDE	6.198	5.377	180.9E6	956.6E6	54.862	48.572
13) MA Dieldrin	6.350	5.515	204.2E6	976.0E6	57.234	48.964
14) MA Endrin	6.577	5.791	166.5E6	893.2E6	55.835	49.069
15) B Endosulfa...	6.789	6.082	169.7E6	843.5E6	54.272	48.139
16) A 4,4'-DDD	6.708	5.932	144.6E6	767.5E6	57.484	46.839
17) MA 4,4'-DDT	7.024	6.185	152.8E6	833.7E6	55.012	48.993
18) B Endrin al...	6.918	6.260	128.2E6	645.4E6	55.557	48.522
19) B Endosulfa...	7.151	6.484	157.3E6	804.4E6	54.682	46.949
20) A Methoxychlor	7.496	6.757	79835270	434.2E6	53.240	47.604
21) B Endrin ke...	7.633	6.994	172.8E6	904.7E6	56.000	48.371
22) Mirex	8.117	7.188	125.7E6	675.7E6	53.547	45.590

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

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Data File : PD088559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 12:52
Operator : AR\AJ
Sample : Q1984-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

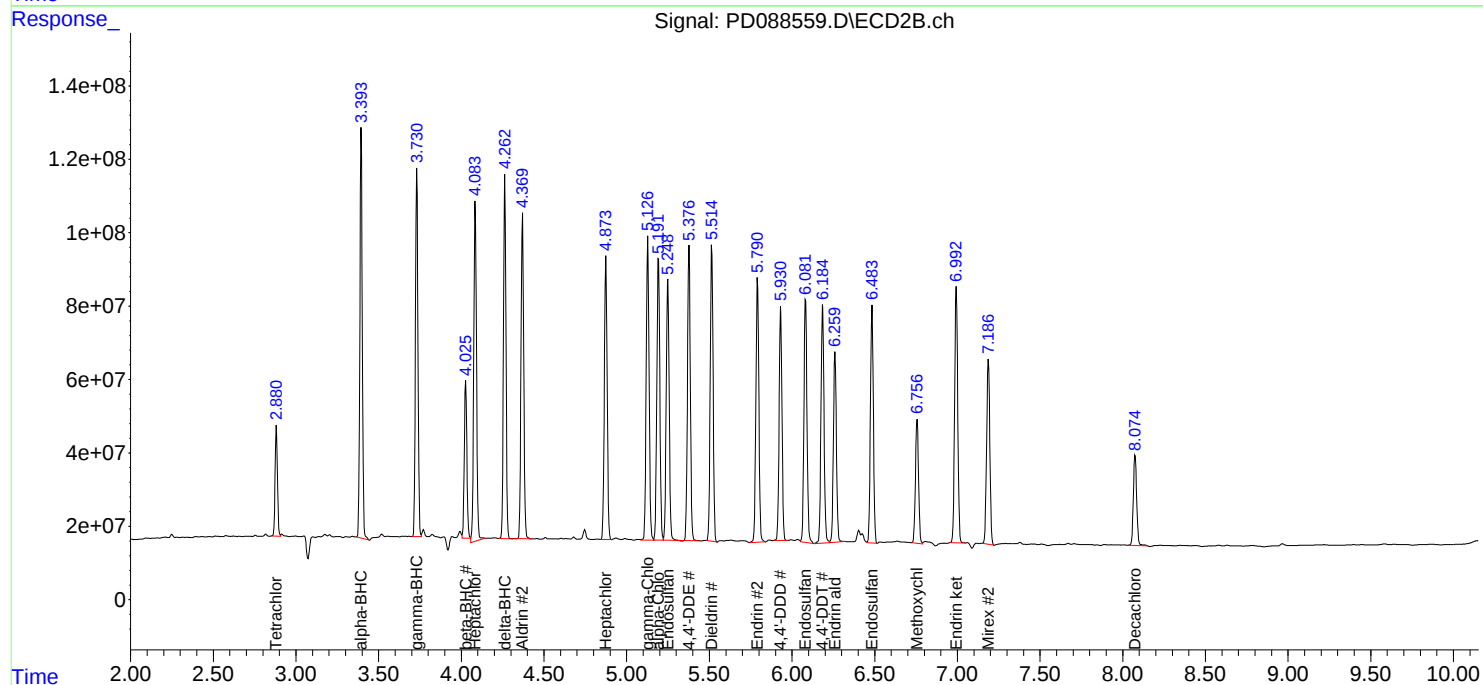
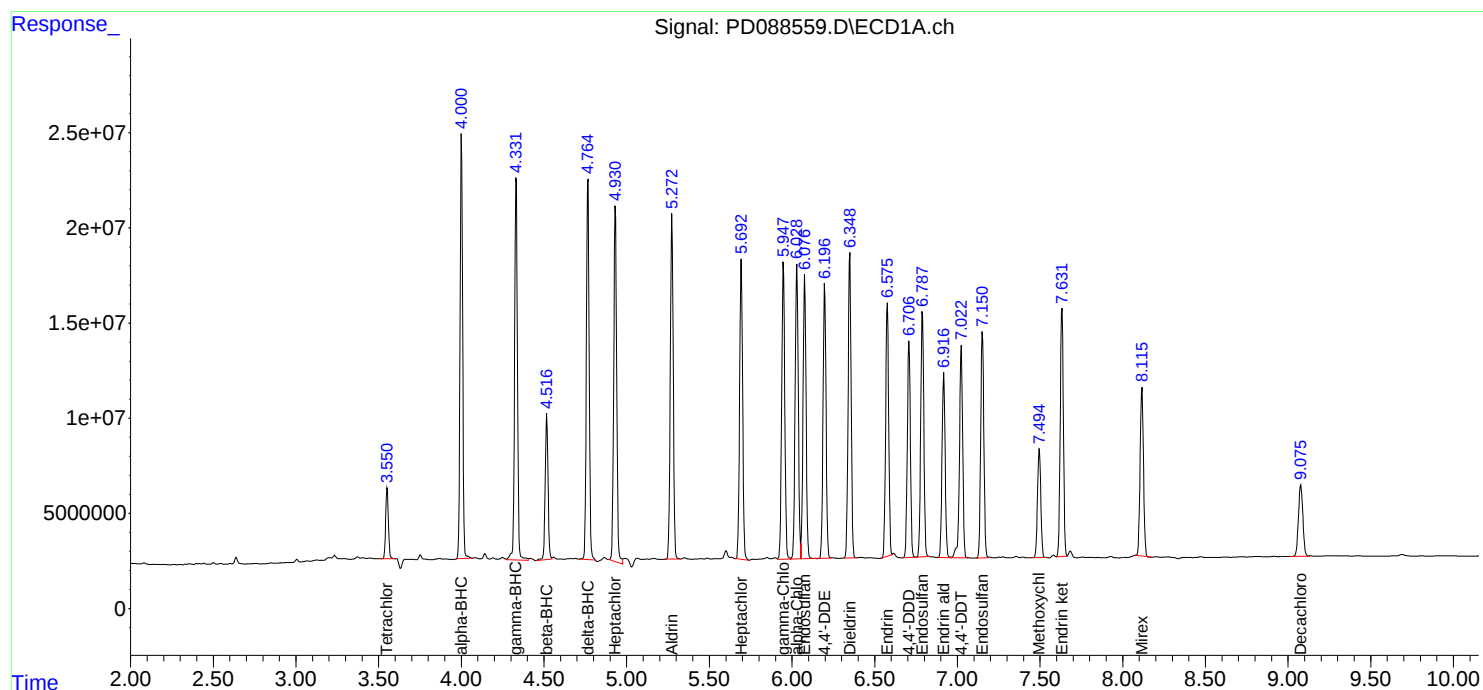
Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

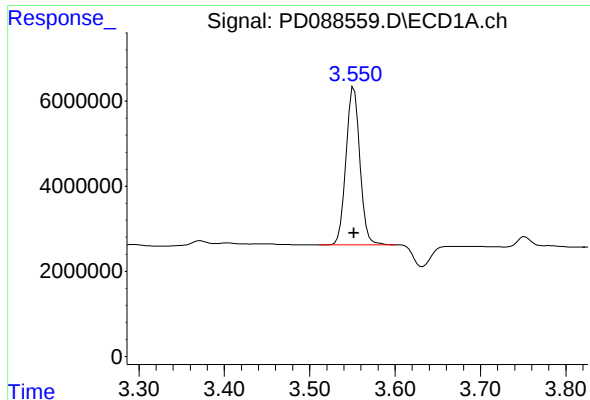
Manual Integrations
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Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:17:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





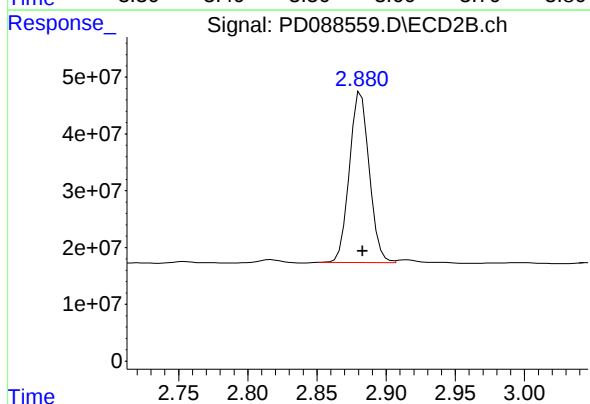
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 42022681
Conc: 21.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

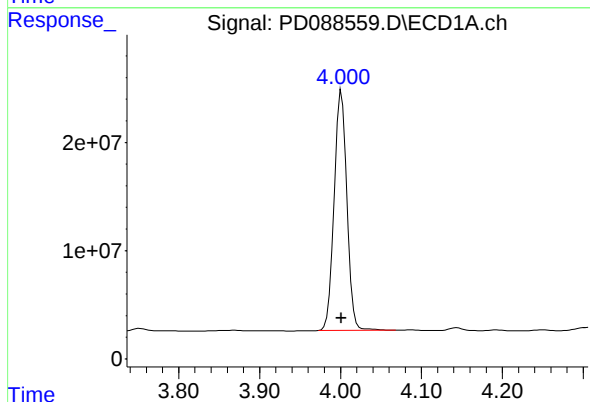
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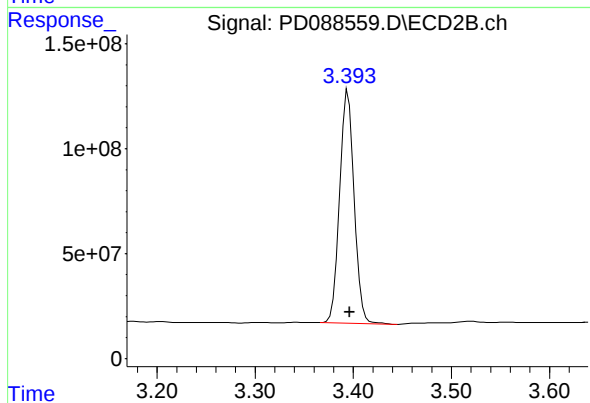
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 300160235
Conc: 20.53 ng/ml



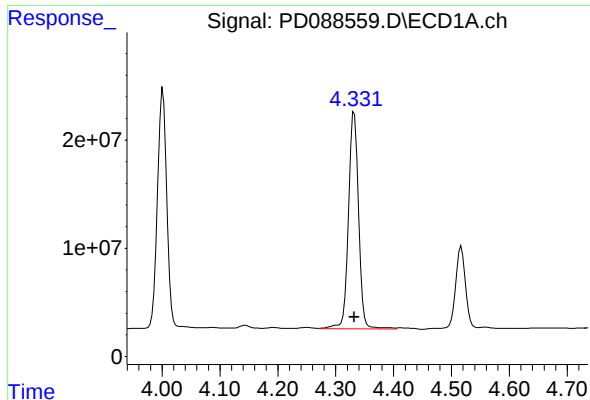
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 242772753
Conc: 56.30 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1145128752
Conc: 50.09 ng/ml



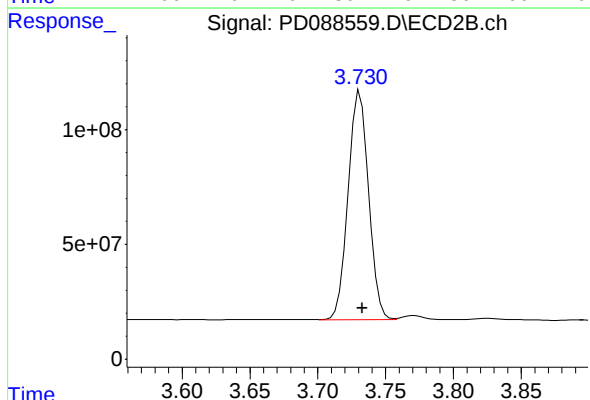
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 239892611
Conc: 57.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

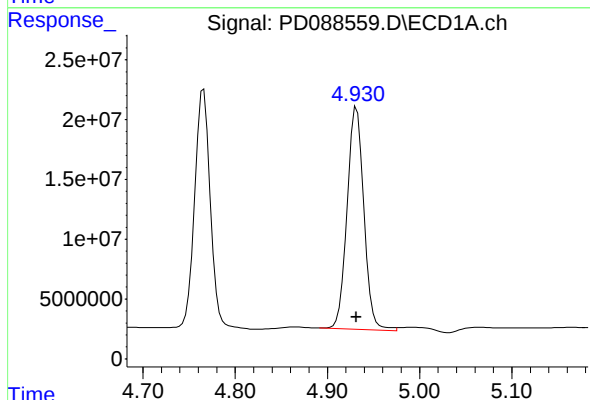
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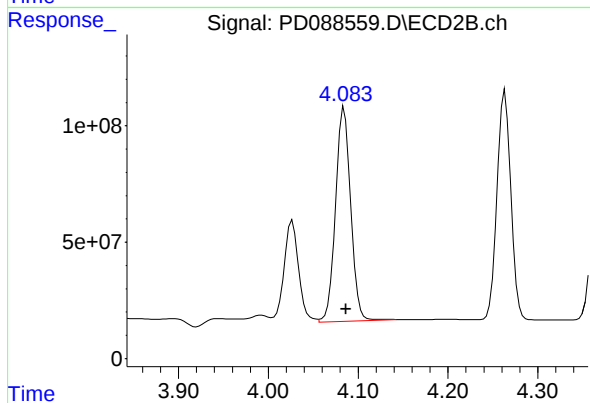
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1044415757
Conc: 48.49 ng/ml



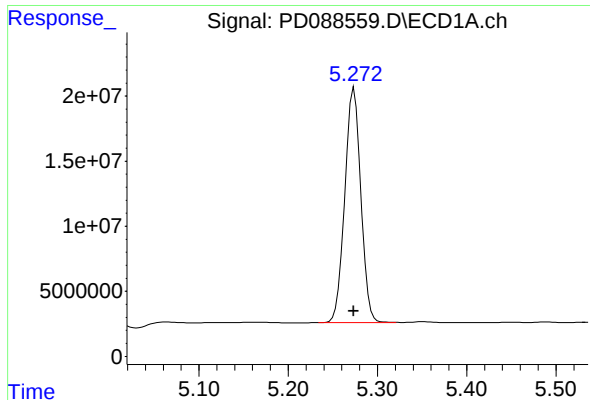
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 234940584
Conc: 58.17 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1077951823
Conc: 50.38 ng/ml



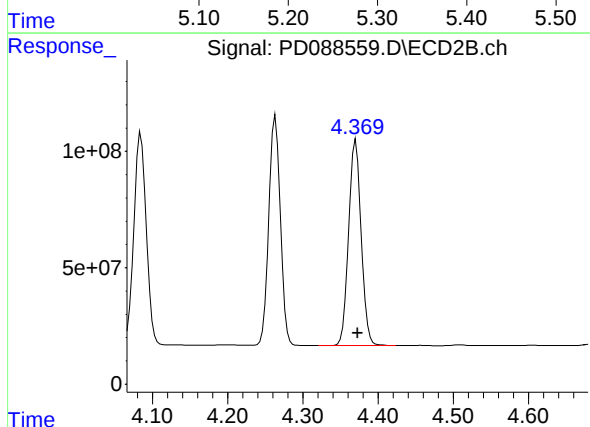
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 226079498
Conc: 57.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

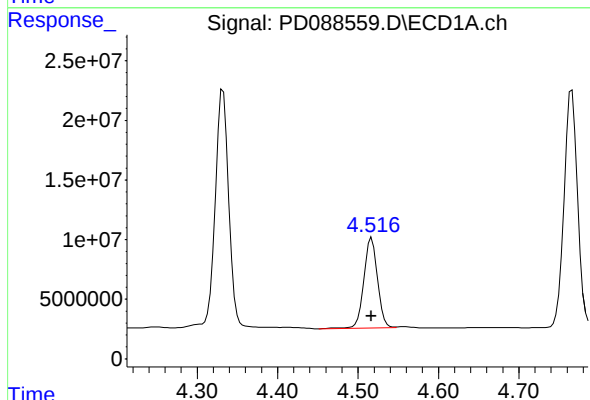
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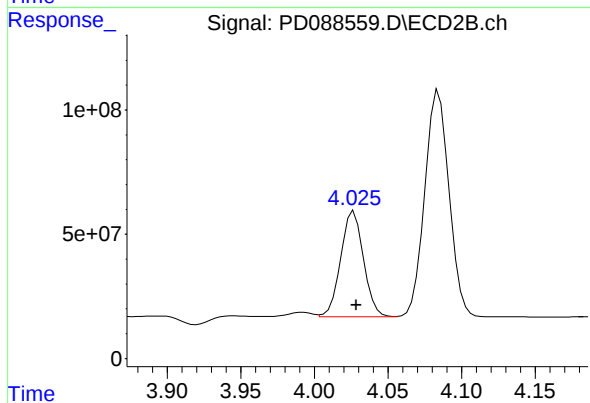
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 1022447697
Conc: 49.15 ng/ml



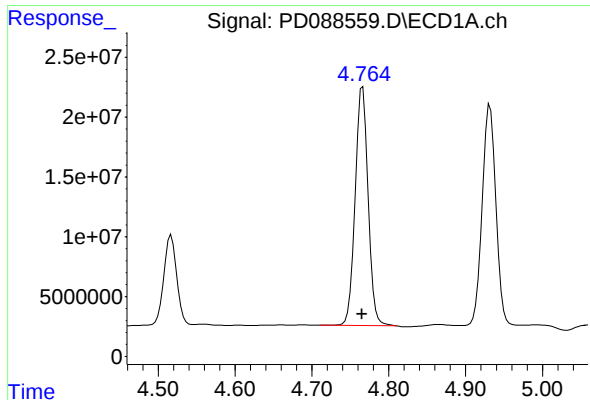
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 89755012
Conc: 55.29 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 459533852
Conc: 49.66 ng/ml m



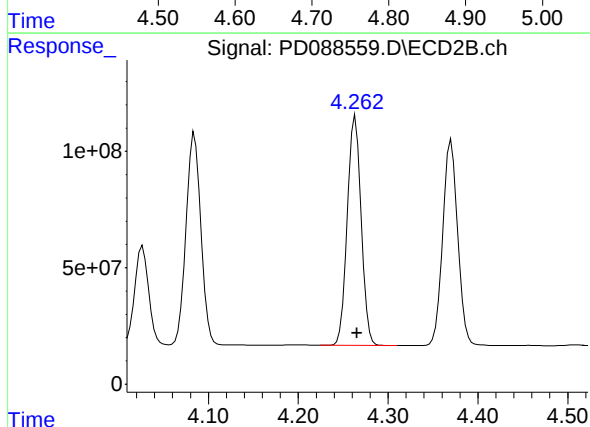
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 234153627
Conc: 56.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

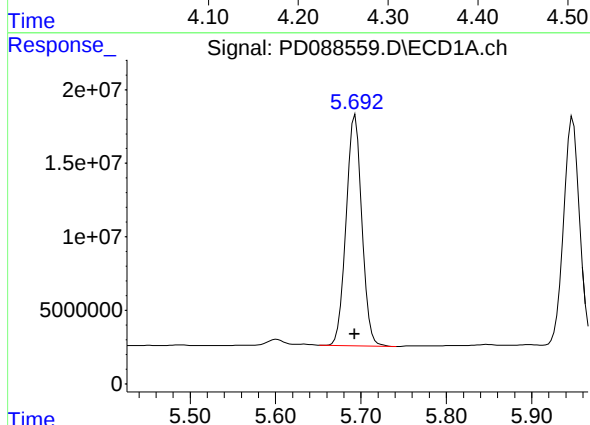
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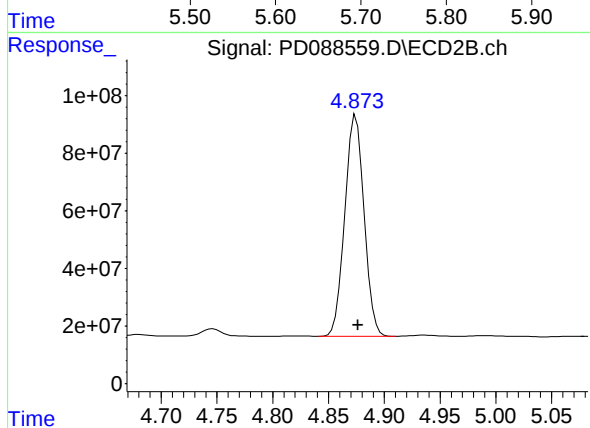
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 1055218492
Conc: 49.63 ng/ml



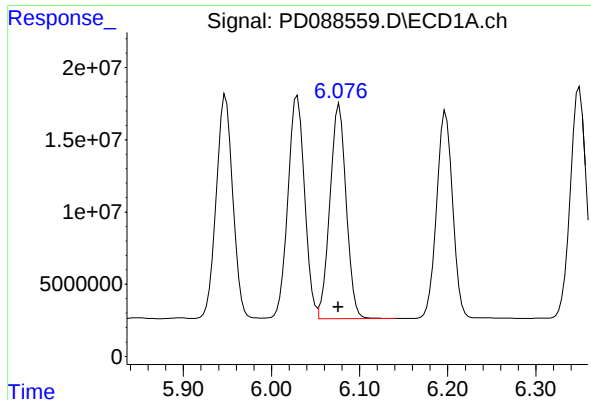
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 201526689
Conc: 56.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 924829354
Conc: 48.95 ng/ml



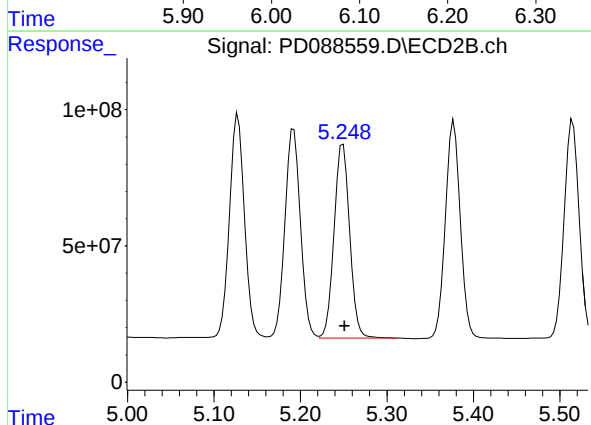
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 191224723
Conc: 56.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

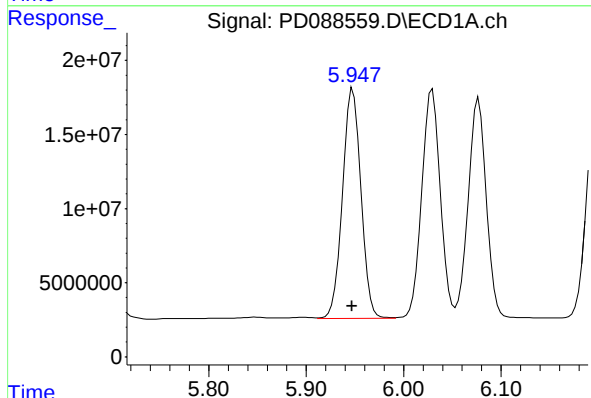
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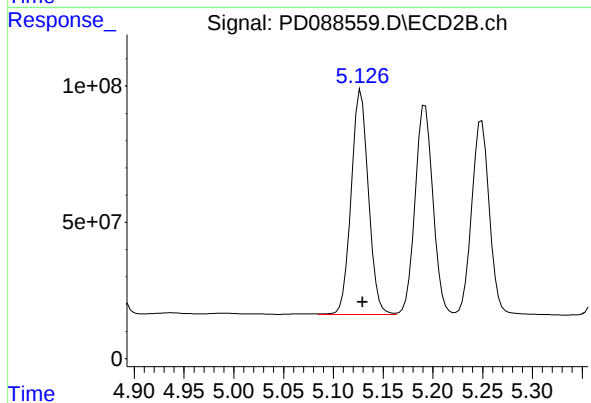
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 878162647
Conc: 48.75 ng/ml



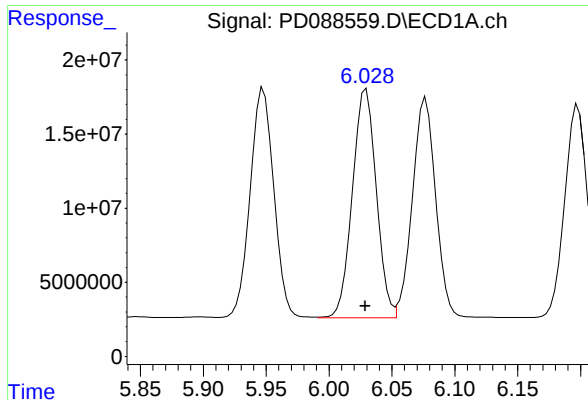
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 203781334
Conc: 56.26 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 994207964
Conc: 48.99 ng/ml



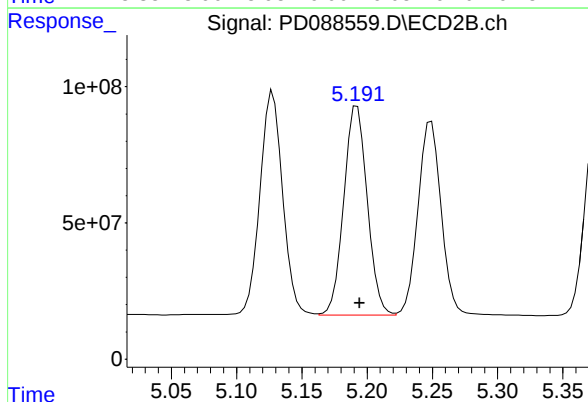
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 203682778
Conc: 56.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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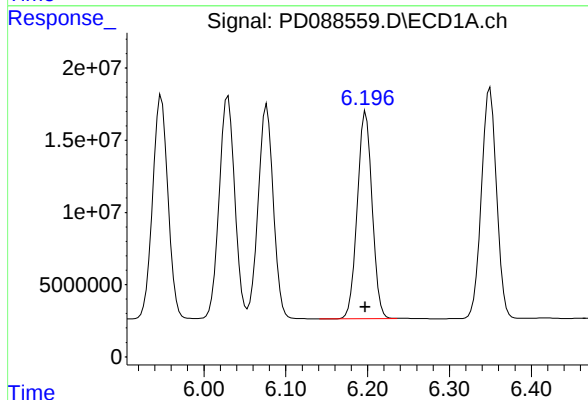
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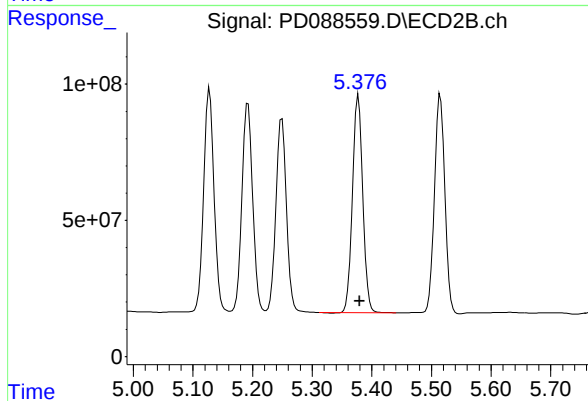
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 959225609
Conc: 48.93 ng/ml



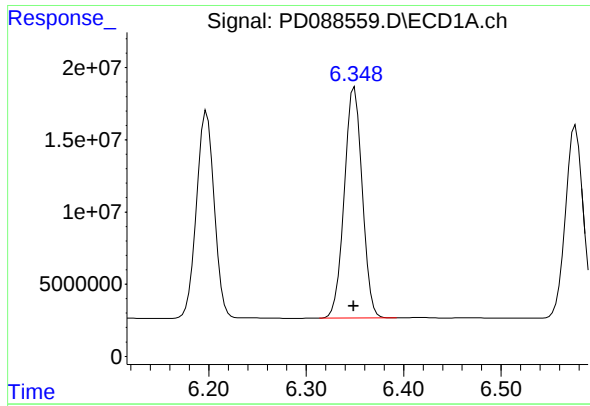
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 180948878
Conc: 54.86 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 956585469
Conc: 48.57 ng/ml



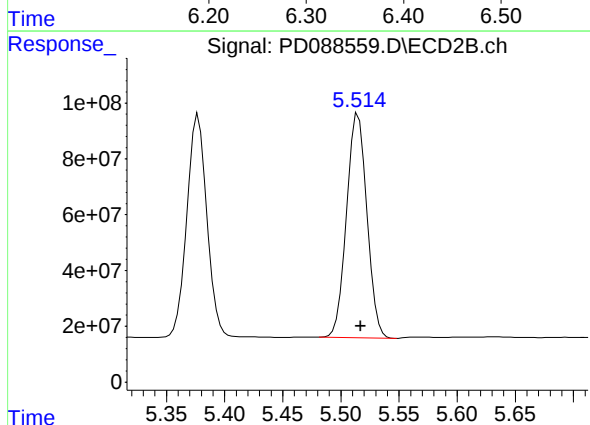
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 204239964
Conc: 57.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

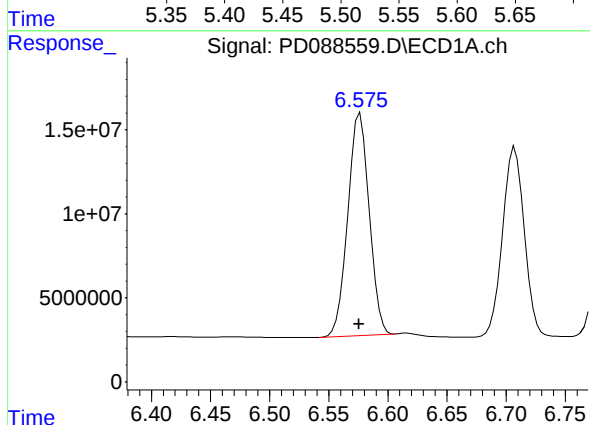
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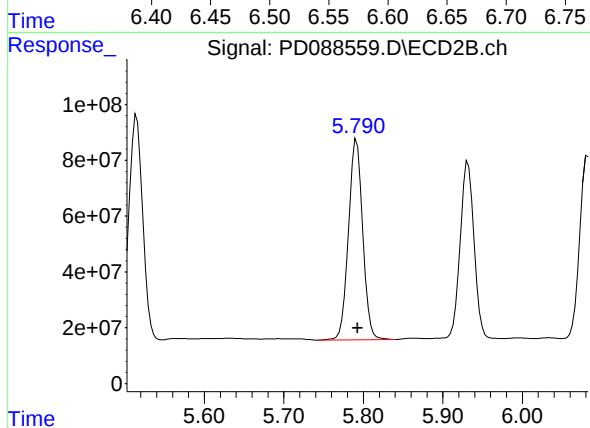
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 976001368
Conc: 48.96 ng/ml



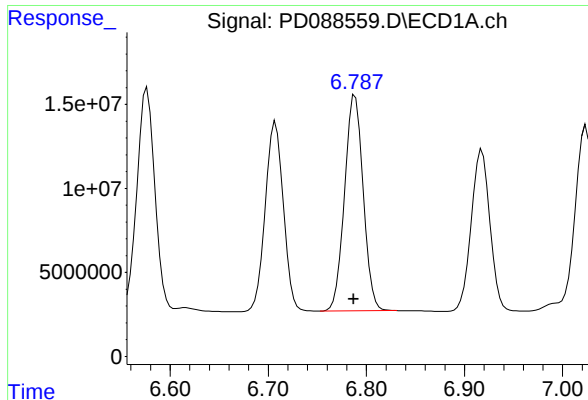
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 166532304
Conc: 55.84 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 893167082
Conc: 49.07 ng/ml



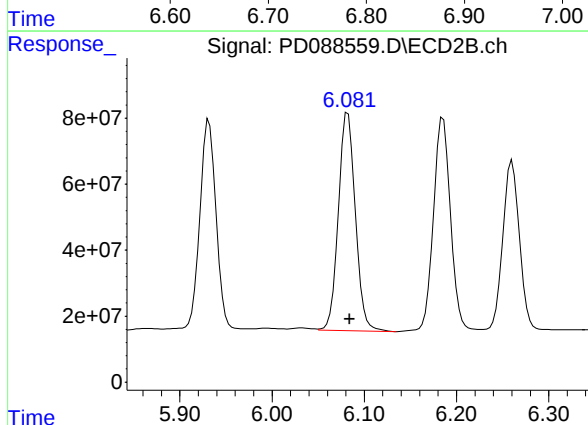
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 169664931
Conc: 54.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
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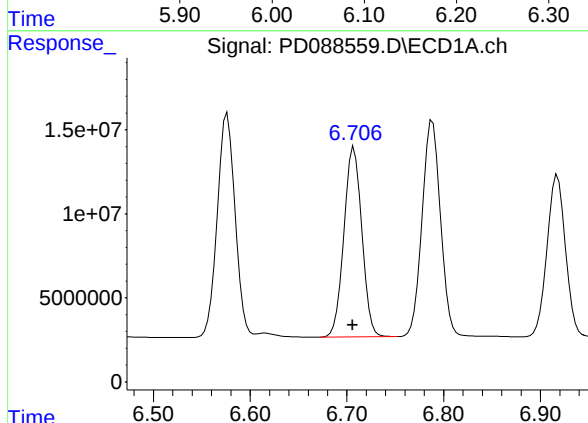
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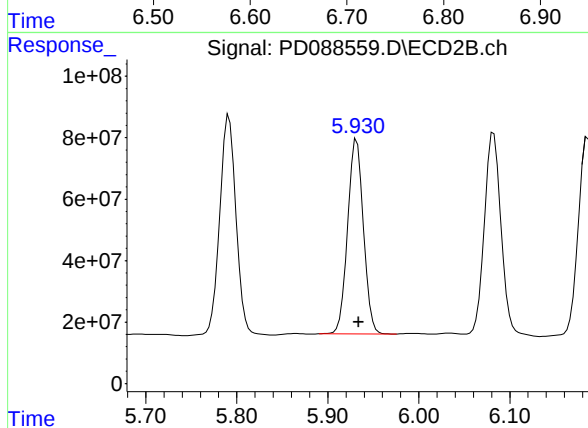
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 843479461
Conc: 48.14 ng/ml



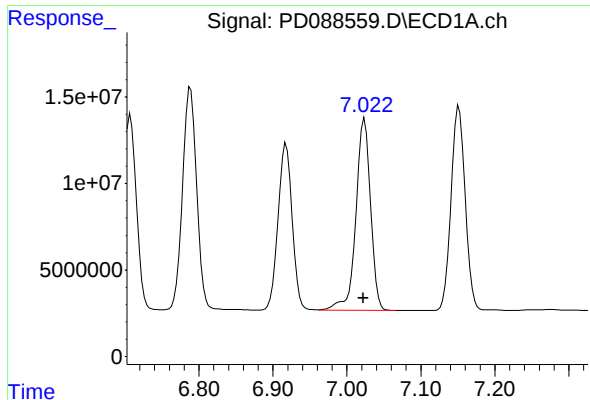
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 144569372
Conc: 57.48 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 767518922
Conc: 46.84 ng/ml



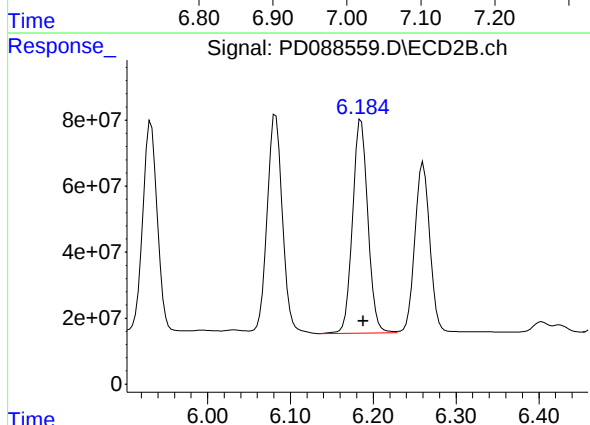
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 152797749
Conc: 55.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

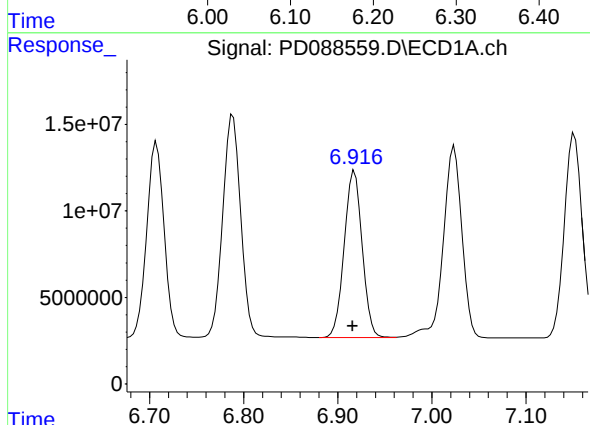
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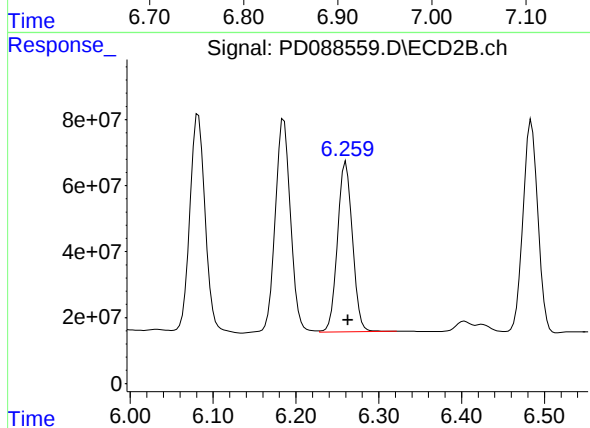
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 833696881
Conc: 48.99 ng/ml



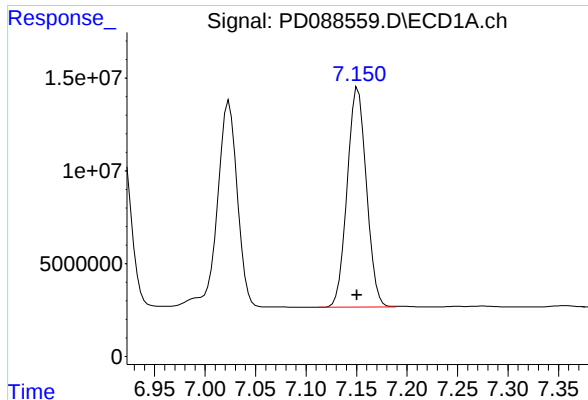
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 128225449
Conc: 55.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 645386078
Conc: 48.52 ng/ml



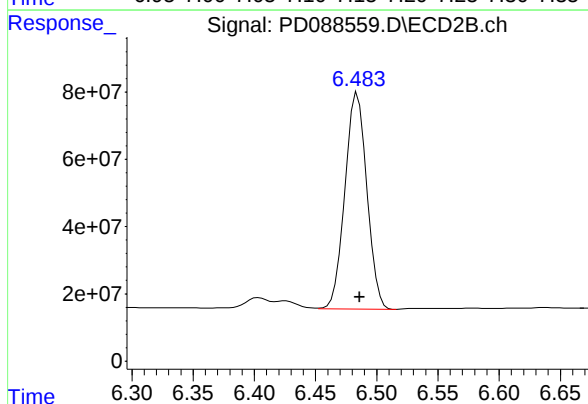
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.001 min
Response: 157256980
Conc: 54.68 ng/ml

Instrument :
ECD_D
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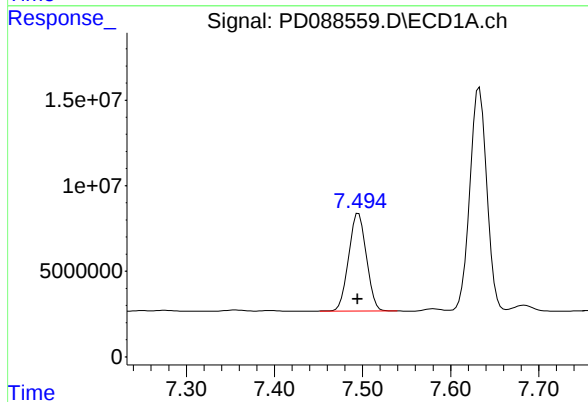
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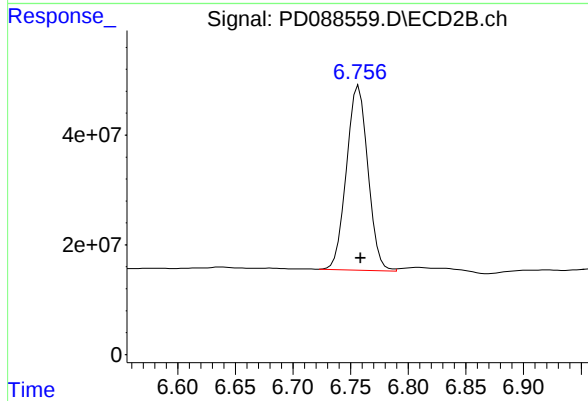
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 804395560
Conc: 46.95 ng/ml



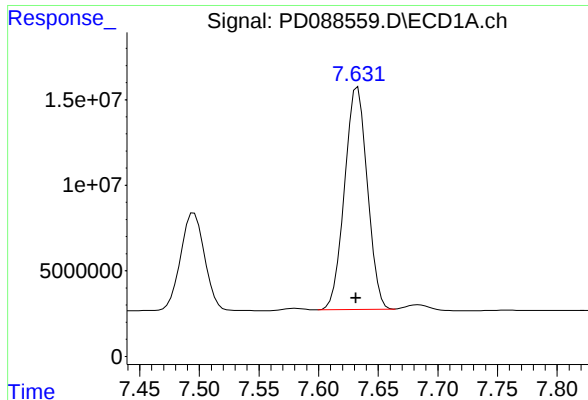
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 79835270
Conc: 53.24 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 434195480
Conc: 47.60 ng/ml



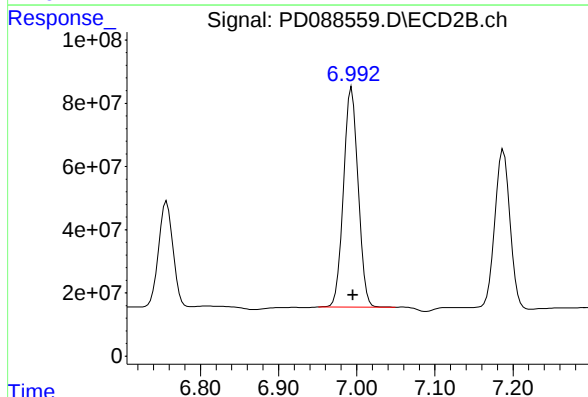
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.001 min
Response: 172848714
Conc: 56.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

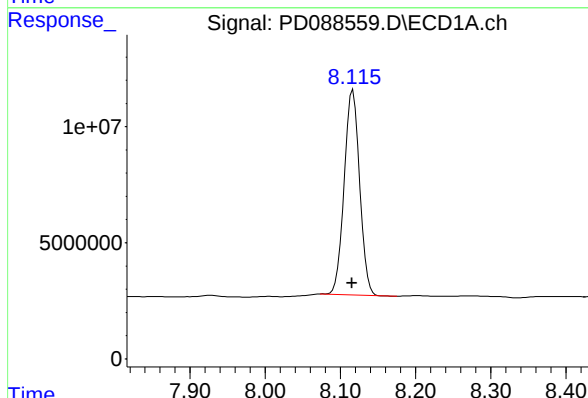
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



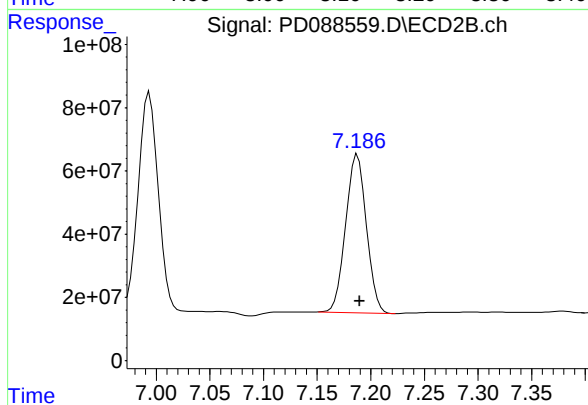
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 904730667
Conc: 48.37 ng/ml



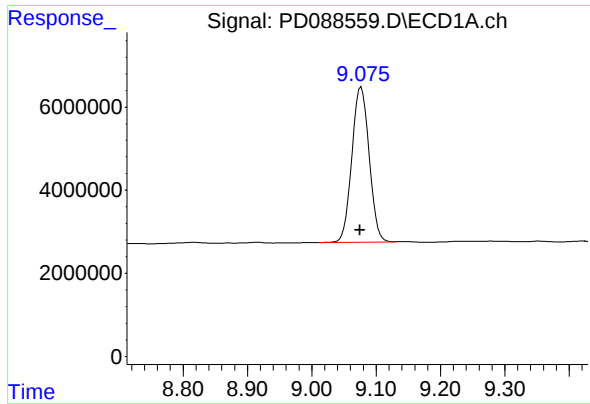
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 125744874
Conc: 53.55 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 675692352
Conc: 45.59 ng/ml



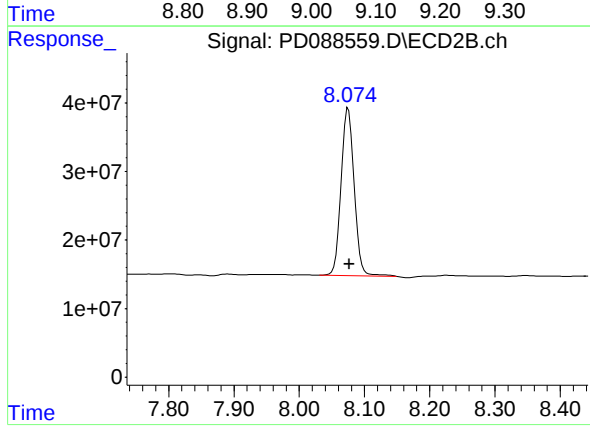
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.002 min
Response: 69954709
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 340947377
Conc: 18.45 ng/ml