

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 12:20
 Operator : AR\AJ
 Sample : PB167644BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB167644BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2025
 Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:42:31 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...	3.551	2.882	36826015	282.7E6	18.437	19.333
28)	SA Decachlor...	9.074	8.076	67682887	370.8E6	20.460	20.065
Target Compounds							
2)	A alpha-BHC	4.001	3.395	205.5E6	1041.3E6	47.656	45.546
3)	MA gamma-BHC...	4.331	3.732	198.5E6	969.2E6	47.405	44.998
4)	MA Heptachlor	4.931	4.085	196.2E6	971.1E6	48.576	45.381
5)	MB Aldrin	5.273	4.371	189.3E6	956.5E6	47.931	45.979
6)	B beta-BHC	4.516	4.027	76252834	432.3E6	46.972	46.715
7)	B delta-BHC	4.763	4.264	208.4E6	971.5E6	50.521m	45.694
8)	B Heptachlo...	5.692	4.875	172.9E6	863.0E6	48.382	45.678
9)	A Endosulfan I	6.076	5.249	163.8E6	806.2E6	48.506	44.759
10)	B gamma-Chl...	5.947	5.128	176.3E6	927.5E6	48.682	45.700
11)	B alpha-Chl...	6.028	5.193	174.3E6	894.4E6	48.293	45.624
12)	B 4,4'-DDE	6.197	5.378	155.4E6	908.2E6	47.115	46.117
13)	MA Dieldrin	6.348	5.515	174.4E6	912.1E6	48.884	45.760
14)	MA Endrin	6.575	5.792	145.0E6	827.9E6	48.607	45.483
15)	B Endosulfa...	6.787	6.083	148.2E6	789.4E6	47.394	45.050
16)	A 4,4'-DDD	6.706	5.932	121.6E6	745.7E6	48.344	45.508
17)	MA 4,4'-DDT	7.021	6.186	131.5E6	787.0E6	47.342	46.248
18)	B Endrin al...	6.915	6.261	113.2E6	616.1E6	49.031	46.320
19)	B Endosulfa...	7.150	6.484	139.1E6	775.6E6	48.369	45.268
20)	A Methoxychlor	7.494	6.757	72229534	411.6E6	48.168	45.131
21)	B Endrin ke...	7.631	6.992	150.1E6	859.8E6	48.637	45.971m
22)	Mirex	8.115	7.188	110.6E6	663.5E6	47.096	44.769

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 12:20
Operator : AR\AJ
Sample : PB167644BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB167644BS

Manual Integrations

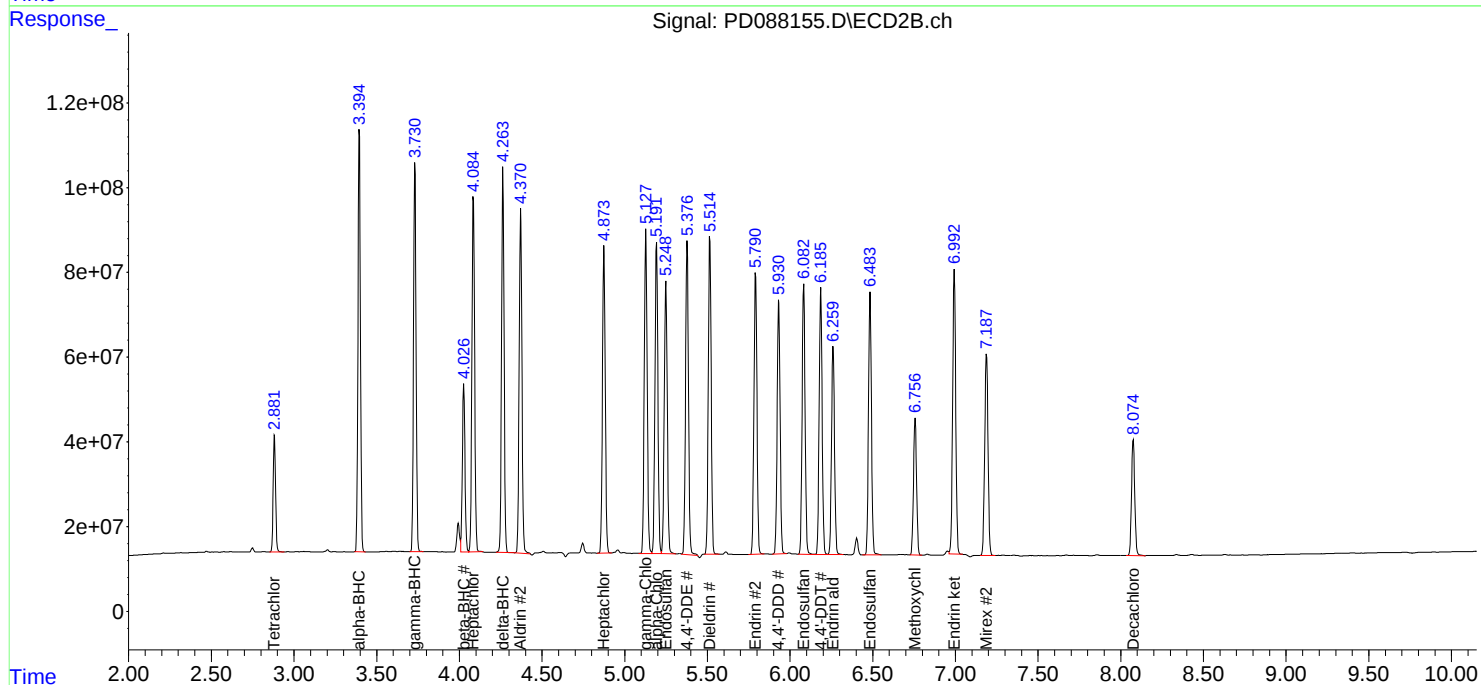
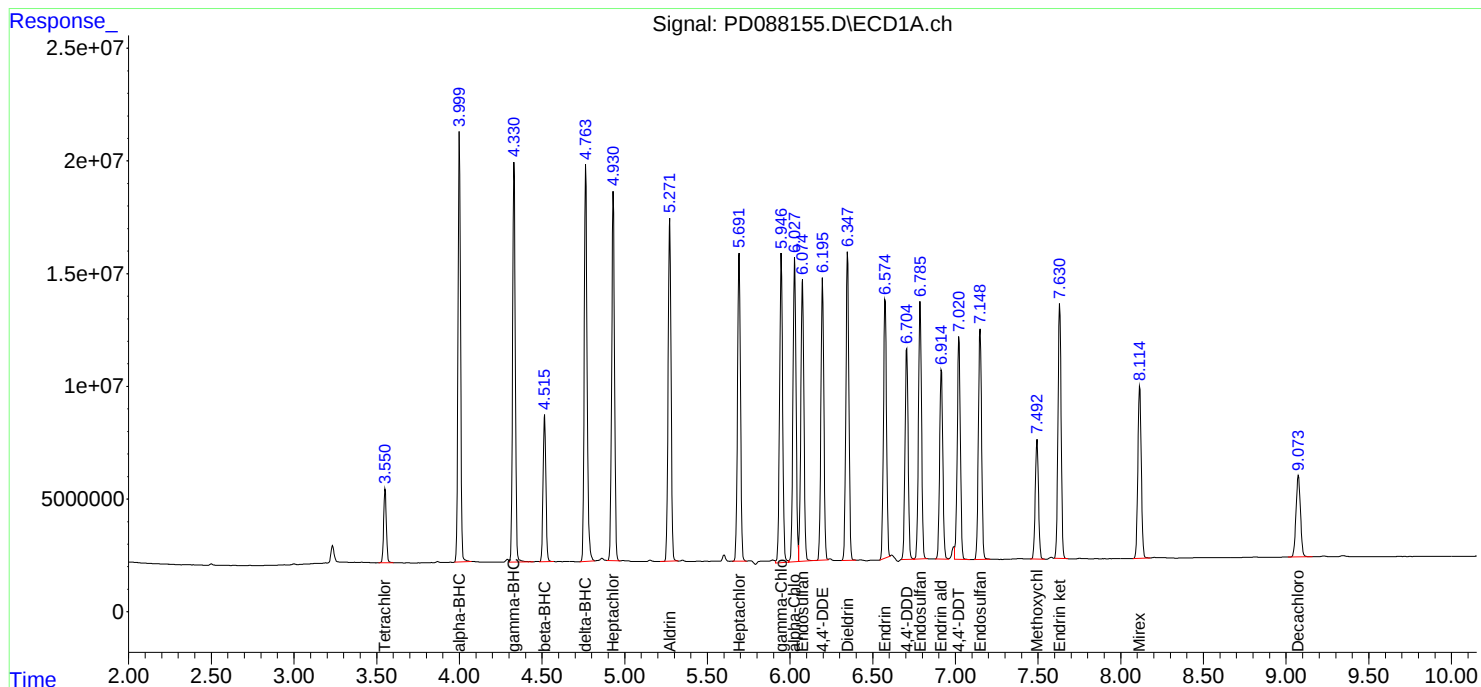
APPROVED

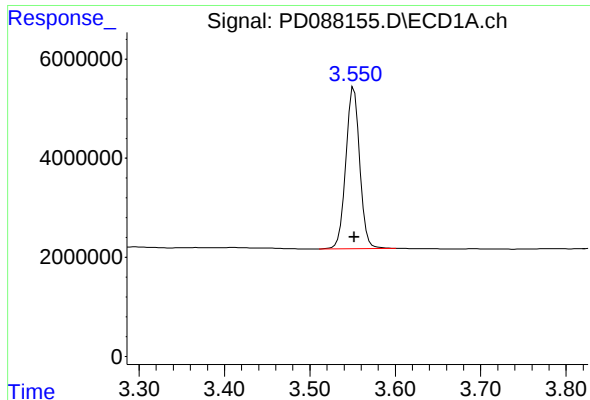
Reviewed By :Abdul Mirza 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:42:31 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





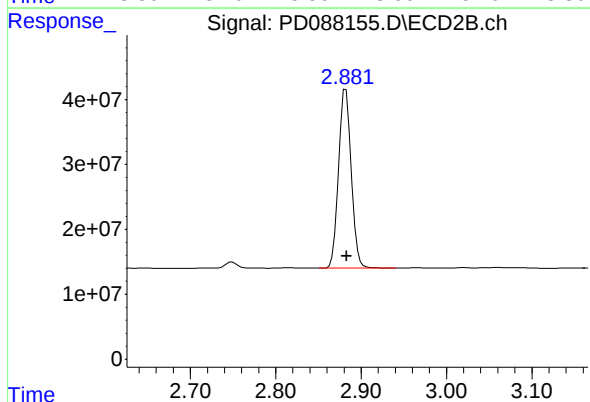
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 36826015
Conc: 18.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

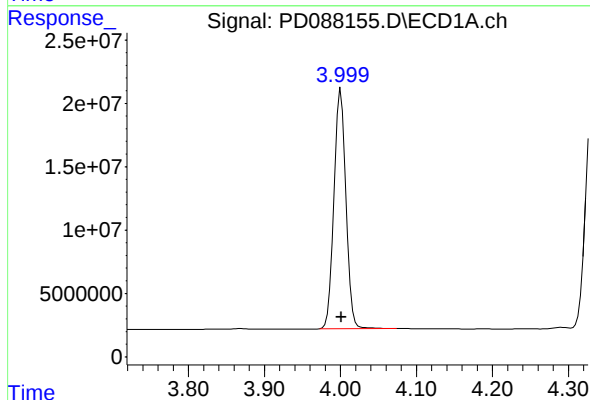
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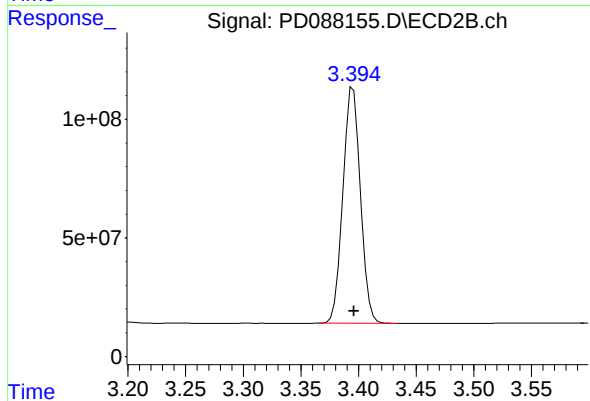
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 282674410
Conc: 19.33 ng/ml



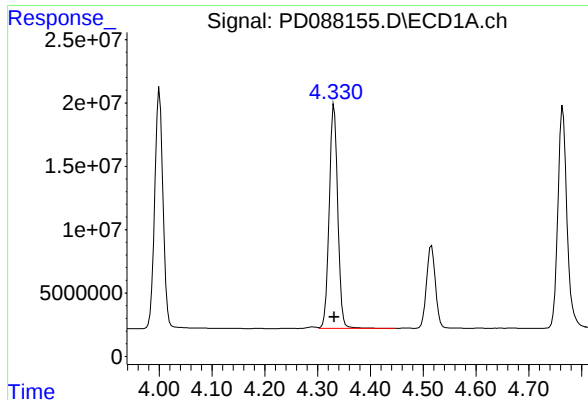
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 205490855
Conc: 47.66 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1041258900
Conc: 45.55 ng/ml



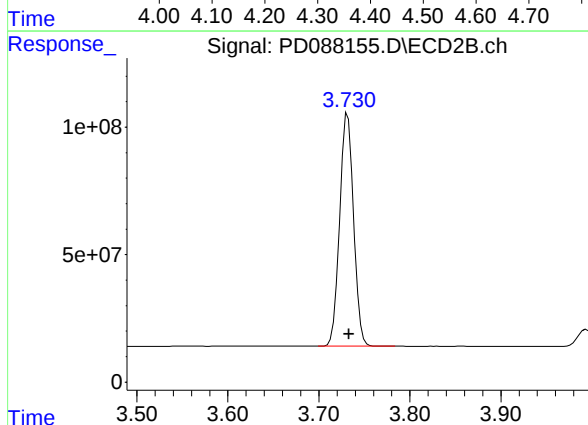
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 198510162
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

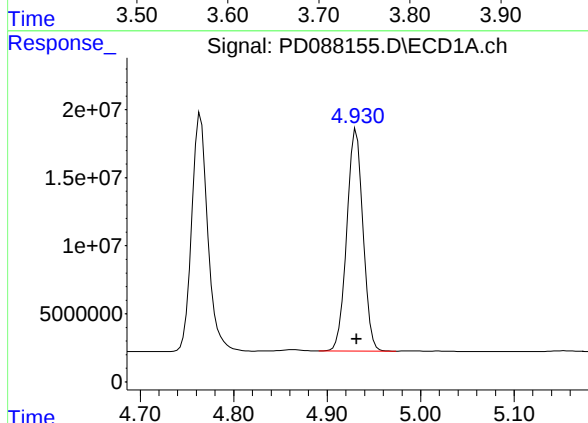
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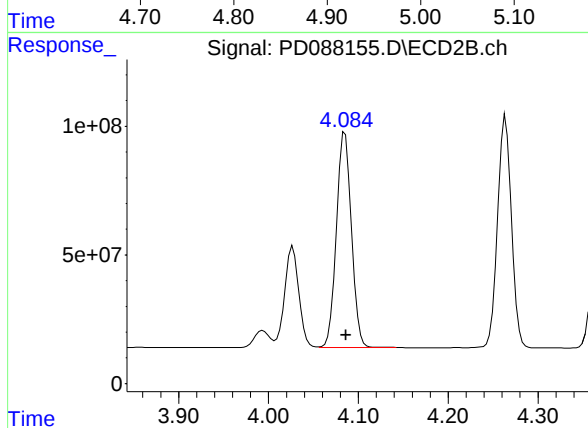
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 969189438
Conc: 45.00 ng/ml



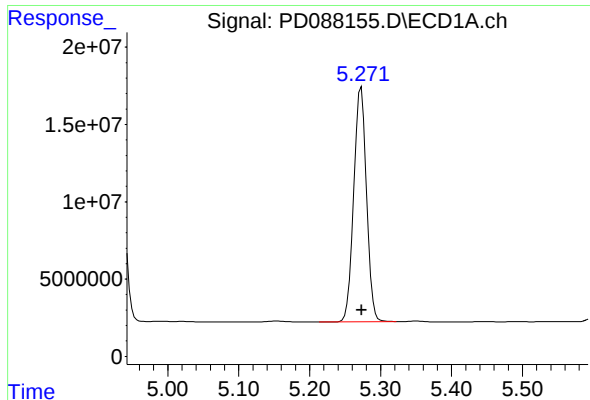
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 196195716
Conc: 48.58 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 971065552
Conc: 45.38 ng/ml



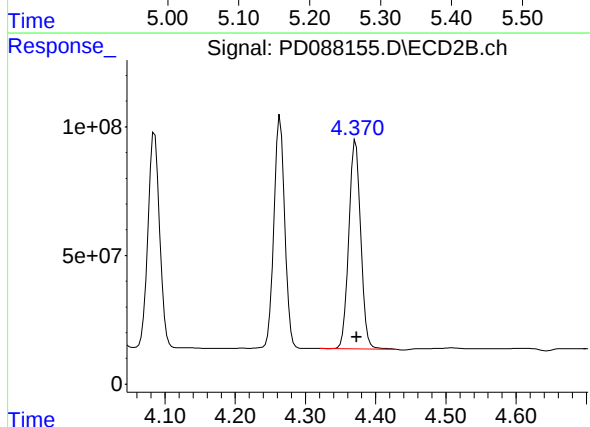
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 189308343
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

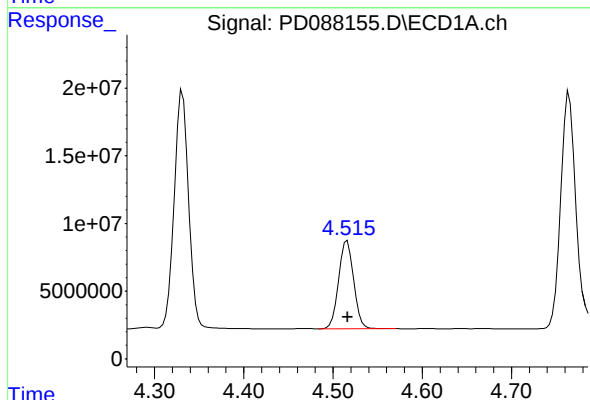
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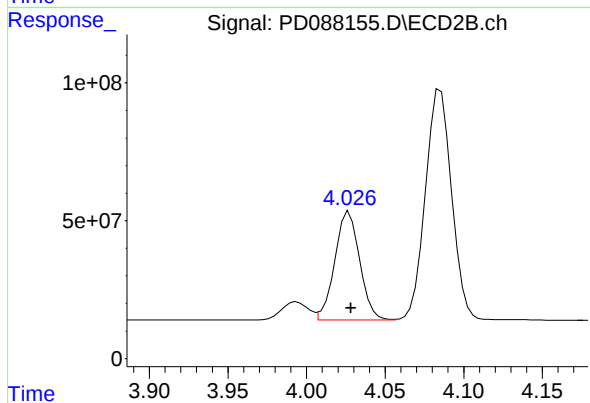
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 956500659
Conc: 45.98 ng/ml



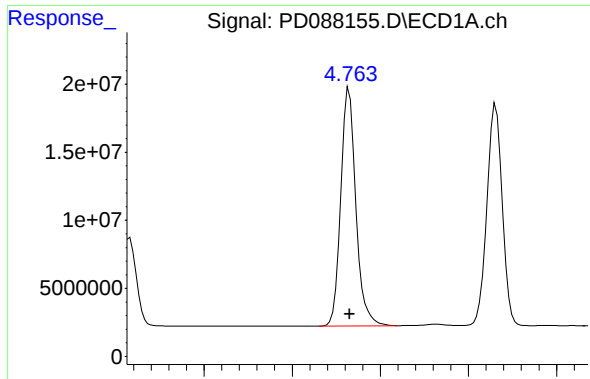
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 76252834
Conc: 46.97 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 432306276
Conc: 46.72 ng/ml



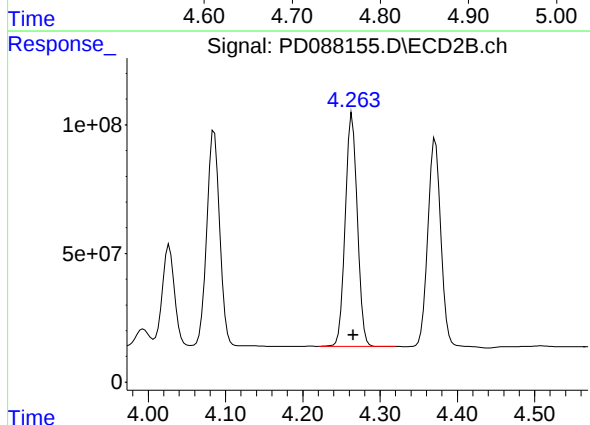
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 208399164
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

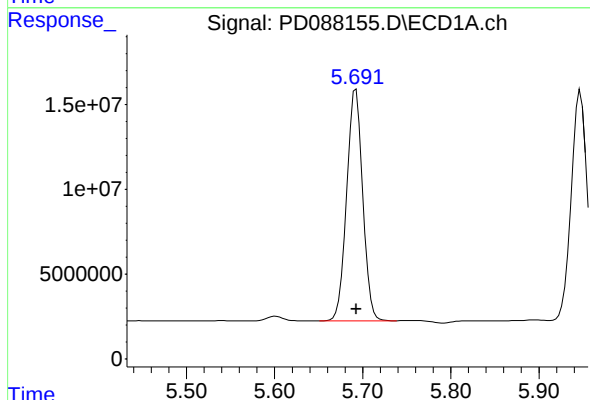
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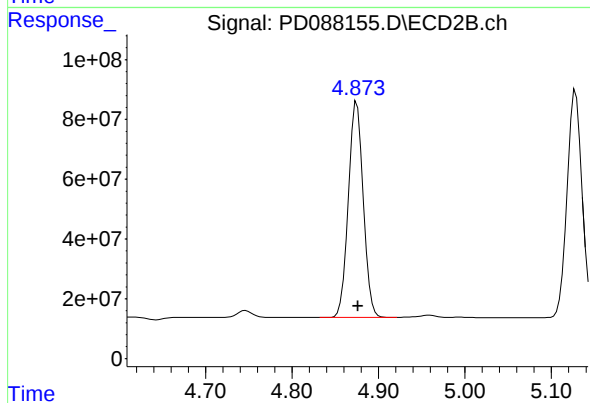
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 971519369
Conc: 45.69 ng/ml



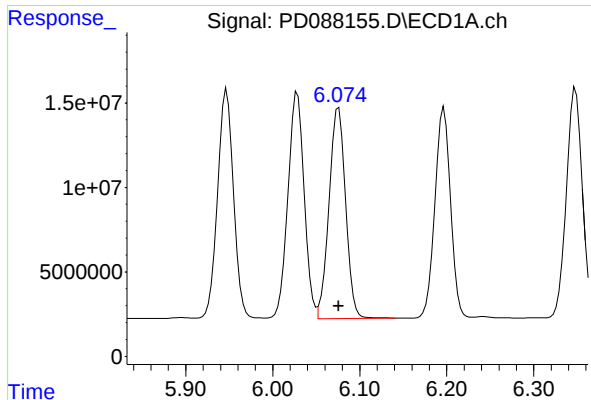
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 172914817
Conc: 48.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 863046831
Conc: 45.68 ng/ml



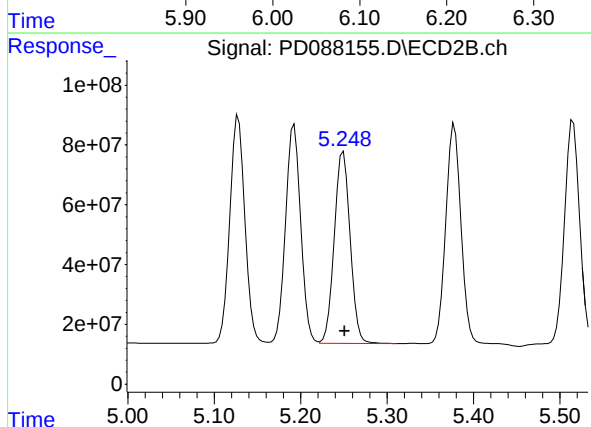
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 163811286
Conc: 48.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

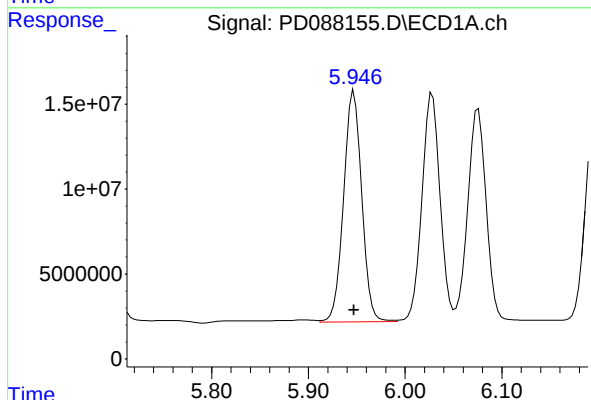
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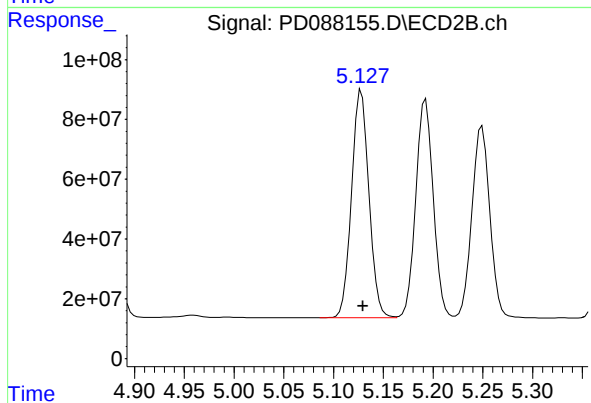
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 806214675
Conc: 44.76 ng/ml



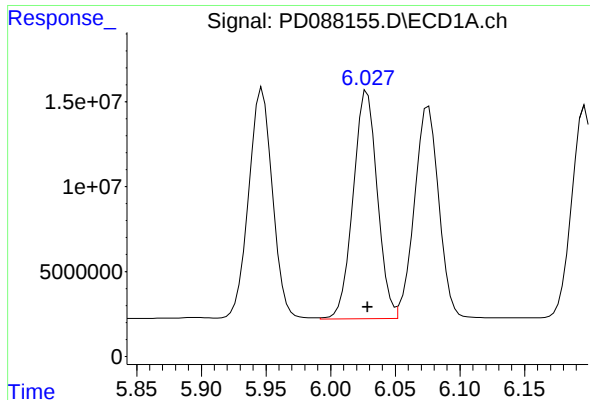
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 176329282
Conc: 48.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 927518609
Conc: 45.70 ng/ml



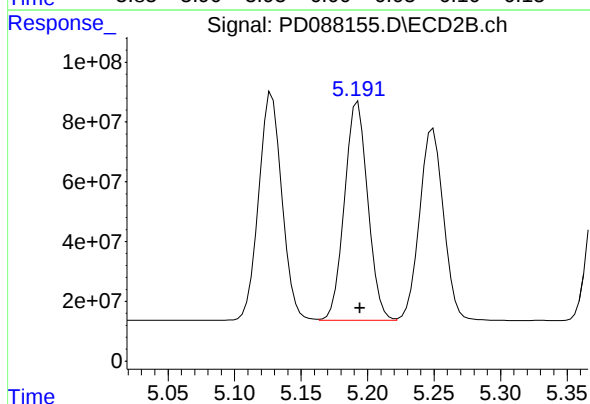
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 174318728
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

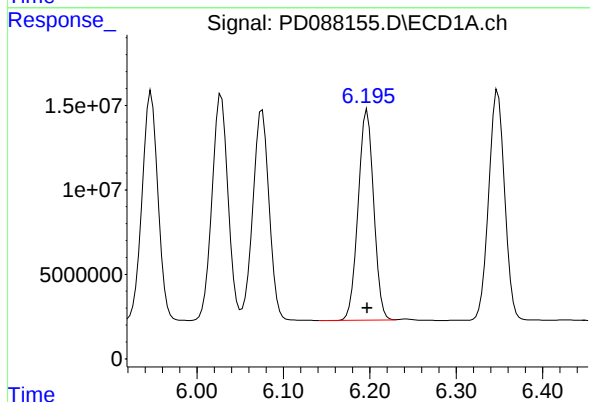
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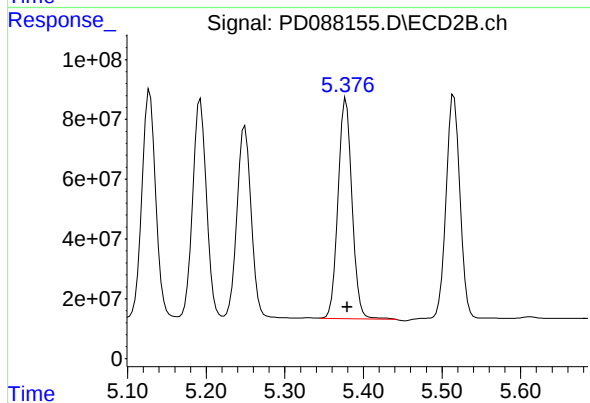
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 894354678
Conc: 45.62 ng/ml



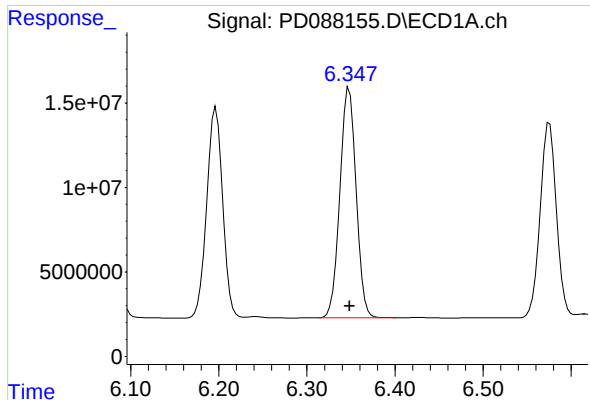
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 155397668
Conc: 47.12 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 908220104
Conc: 46.12 ng/ml



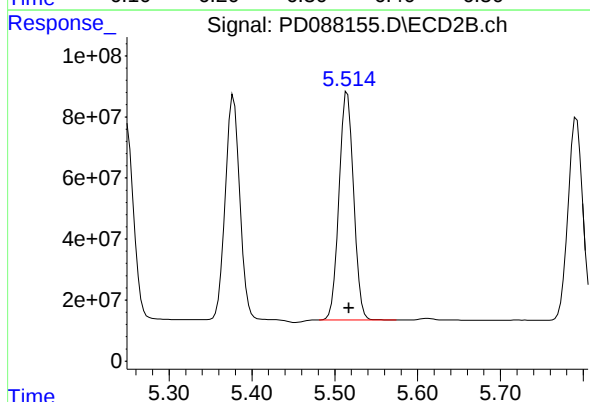
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 174443761
Conc: 48.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

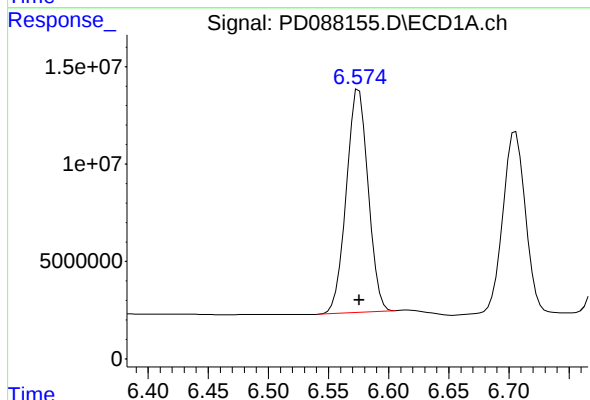
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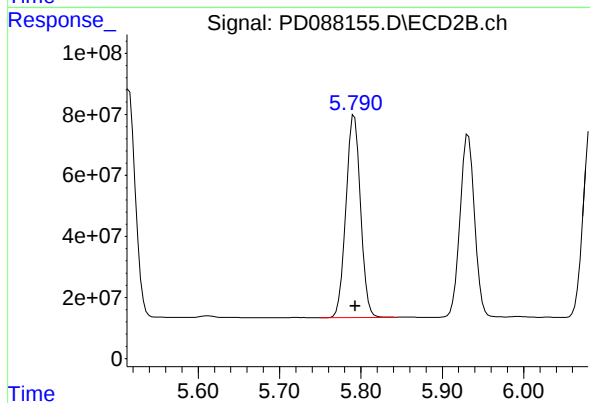
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 912123042
Conc: 45.76 ng/ml



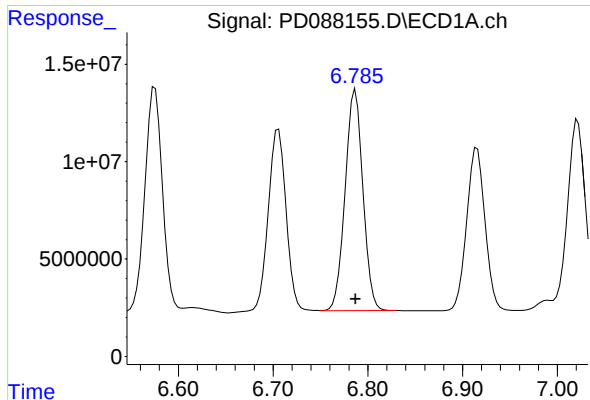
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 144972647
Conc: 48.61 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 827906101
Conc: 45.48 ng/ml



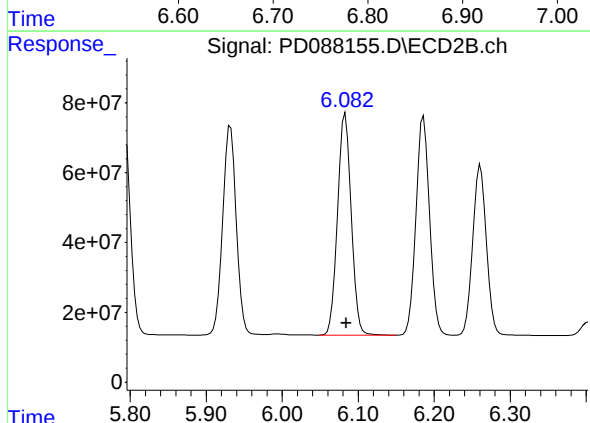
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 148163468
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

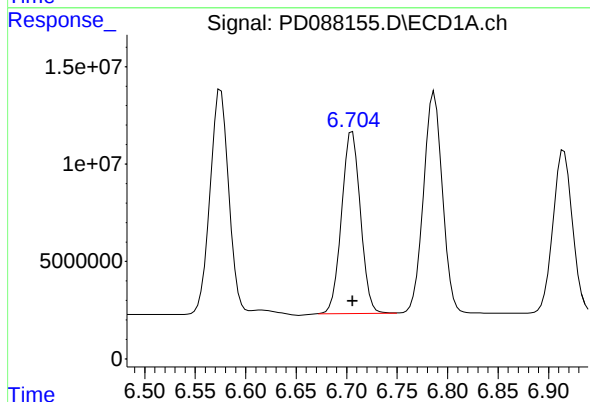
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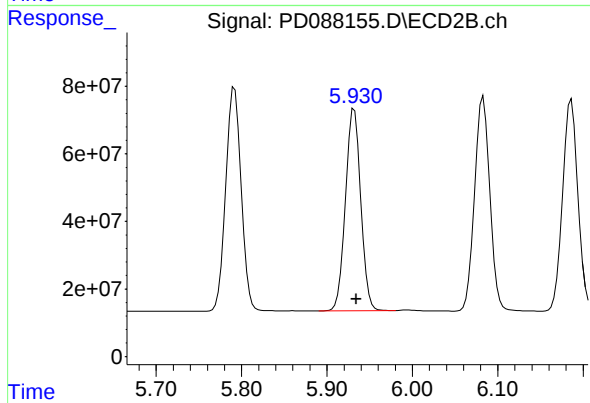
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 789355924
Conc: 45.05 ng/ml



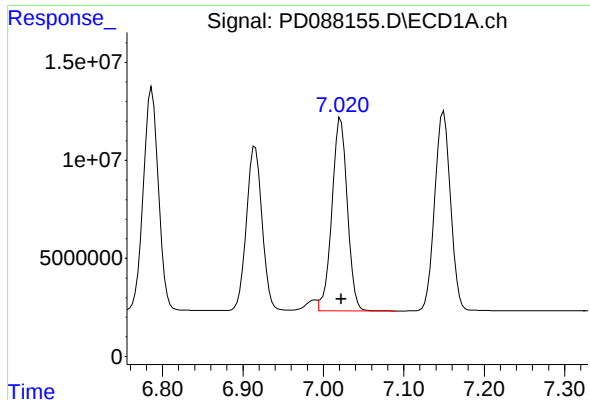
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 121582393
Conc: 48.34 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 745699268
Conc: 45.51 ng/ml



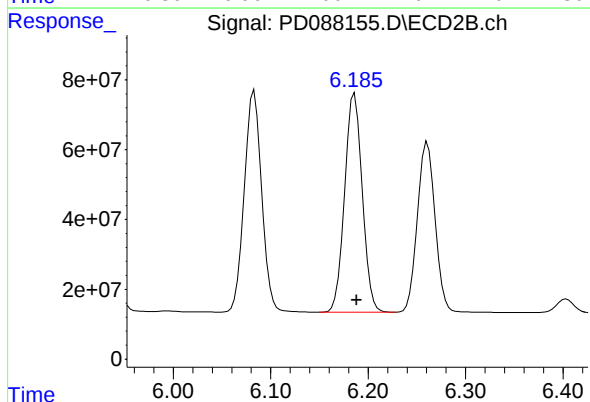
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 131493260
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

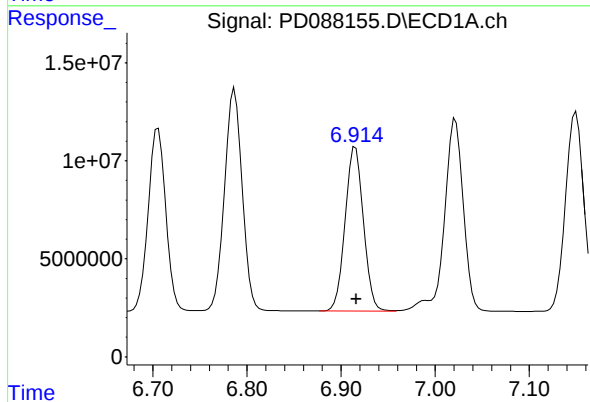
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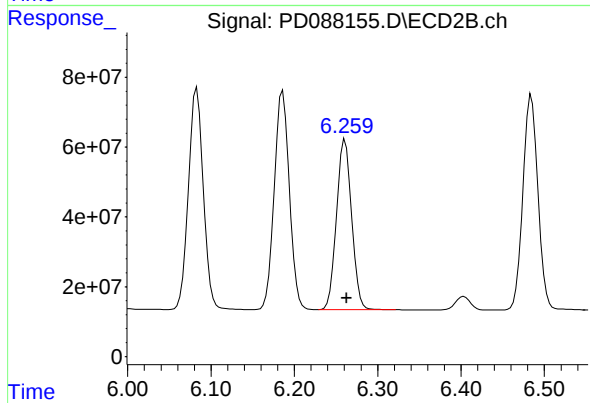
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 786986498
Conc: 46.25 ng/ml



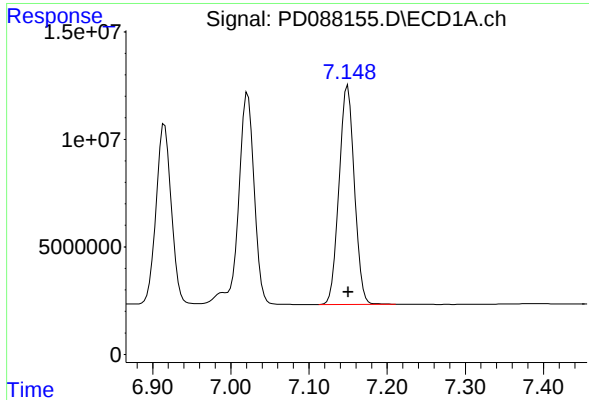
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 113163484
Conc: 49.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 616094755
Conc: 46.32 ng/ml



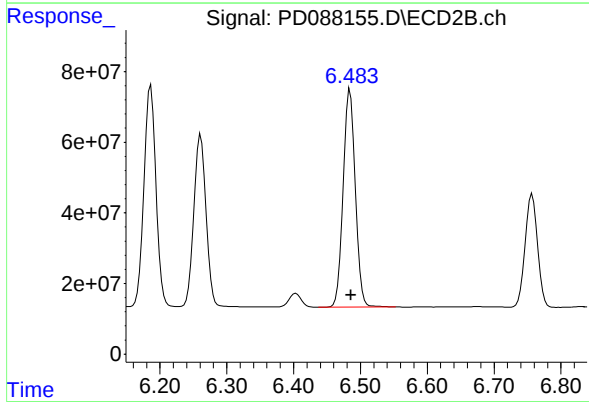
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 139101820
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

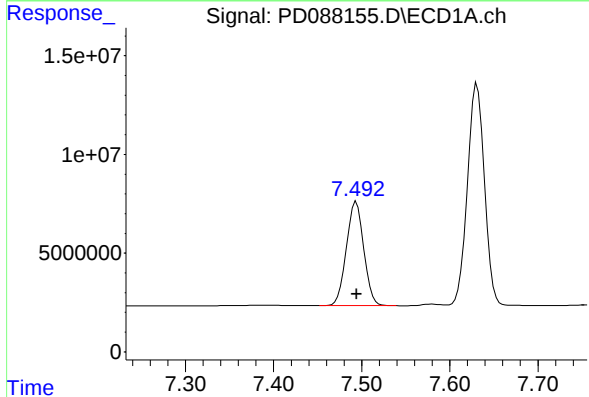
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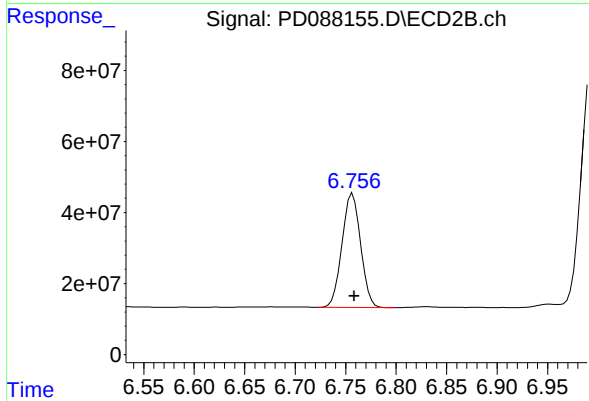
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 775592149
Conc: 45.27 ng/ml



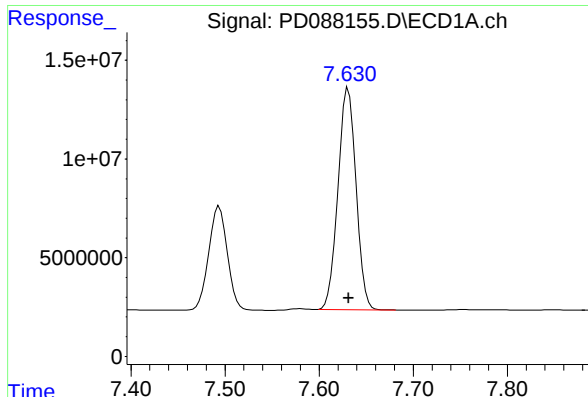
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 72229534
Conc: 48.17 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 411643484
Conc: 45.13 ng/ml



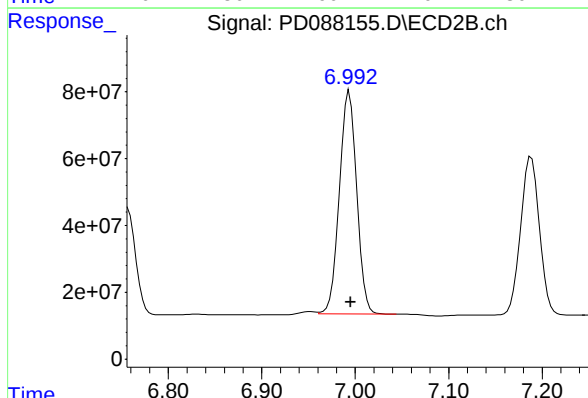
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 150120936
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

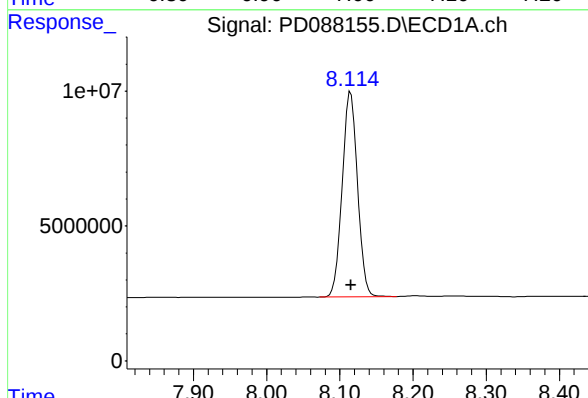
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2025
Supervised By :mohammad ahmed 04/23/2025



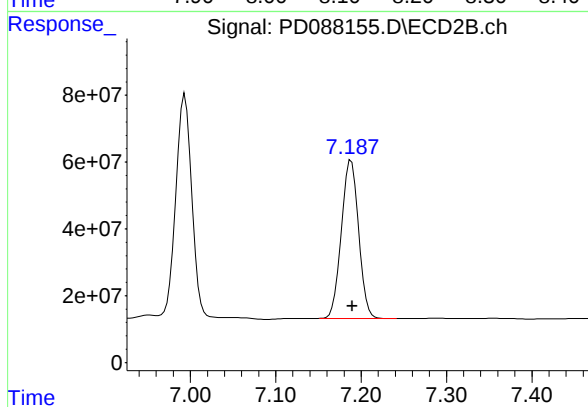
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 859839188
Conc: 45.97 ng/ml m



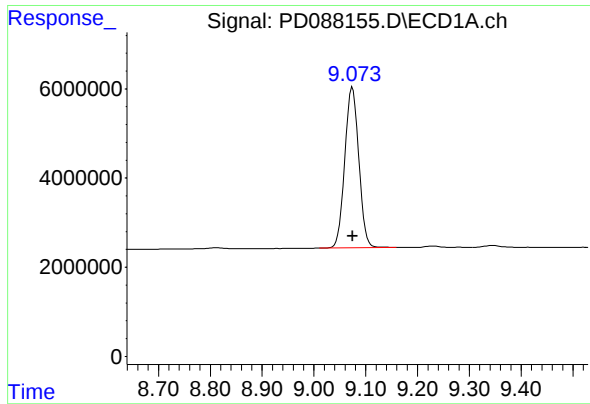
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 110595670
Conc: 47.10 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 663519616
Conc: 44.77 ng/ml



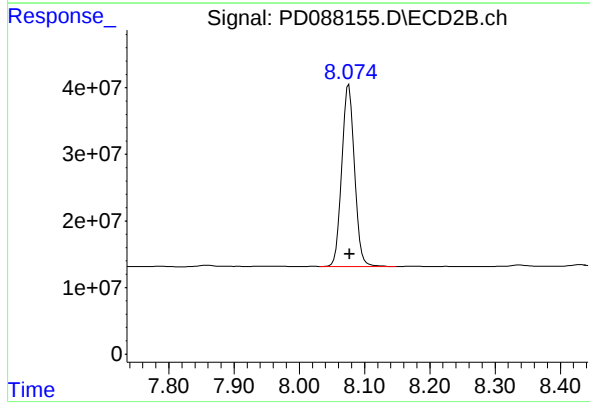
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 67682887
Conc: 20.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167644BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/23/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 370790060
Conc: 20.06 ng/ml