

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 17:46
 Operator : AR\AJ
 Sample : Q3015-09DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WP0925-PT-PEST-WPDL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:43:14 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...	3.556	2.877	7029390	56487453	2.395	2.562
2)	SA Decachlor...	9.079	8.064	9253973	50480980	2.144	1.950m
Target Compounds							
2)	A alpha-BHC	4.006	3.389	1272.8E6	5987.7E6	212.054	176.427
3)	MA gamma-BHC...	4.337	3.725	1059.6E6	4990.8E6	185.028	160.111
4)	MA Heptachlor	4.935	4.078	343.2E6	1815.4E6	61.186	58.200
5)	MB Aldrin	5.277	4.363	94834314	594.8E6	17.515	19.530
6)	B beta-BHC	4.524	4.021	320.9E6	1810.0E6	143.080	135.778
7)	B delta-BHC	4.772	4.258	832.6E6	3920.6E6	160.810	124.268
8)	B Heptachlo...	5.697	4.868	272.1E6	1545.1E6	55.460	55.790
9)	A Endosulfan I	6.080	5.242	837.3E6	4220.1E6	181.426	160.938
10)	B gamma-Chl...	5.951	5.120	409.7E6	2385.1E6	83.759m	80.546
11)	B alpha-Chl...	6.033	5.185	310.6E6	1813.4E6	63.097	63.542
12)	B 4,4'-DDE	6.202	5.369	432.1E6	2631.4E6	98.461	91.297
13)	MA Dieldrin	6.353	5.507	365.0E6	2099.8E6	74.559	71.696
14)	MA Endrin	6.580	5.784	235.7E6	1470.2E6	56.889	55.205
15)	B Endosulfa...	6.792	6.075	594.8E6	3334.1E6	140.963	131.809
16)	A 4,4'-DDD	6.712	5.924	325.0E6	2182.1E6	93.960	90.756
17)	MA 4,4'-DDT	7.025	6.178	55635760	460.0E6	14.604m	18.350 #
18)	B Endrin al...	6.921	6.254	479.8E6	2727.3E6	167.361	158.382
19)	B Endosulfa...	7.156	6.477	487.2E6	2850.9E6	124.332	116.938
20)	A Methoxychlor	7.499	6.748	140.1E6	929.0E6	69.860	72.041
21)	B Endrin ke...	7.635	6.986	455.4E6	2695.9E6	109.891m	101.180

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 17:46
Operator : AR\AJ
Sample : Q3015-09DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

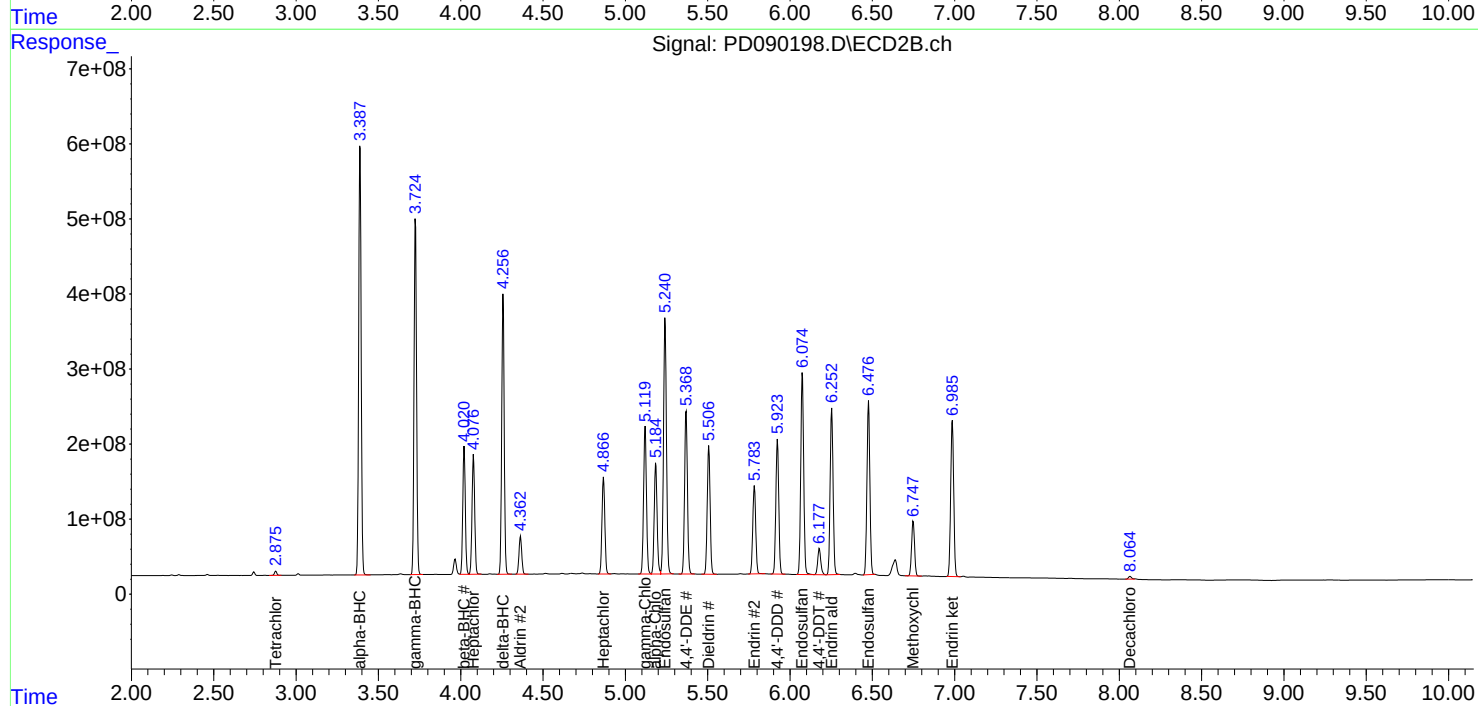
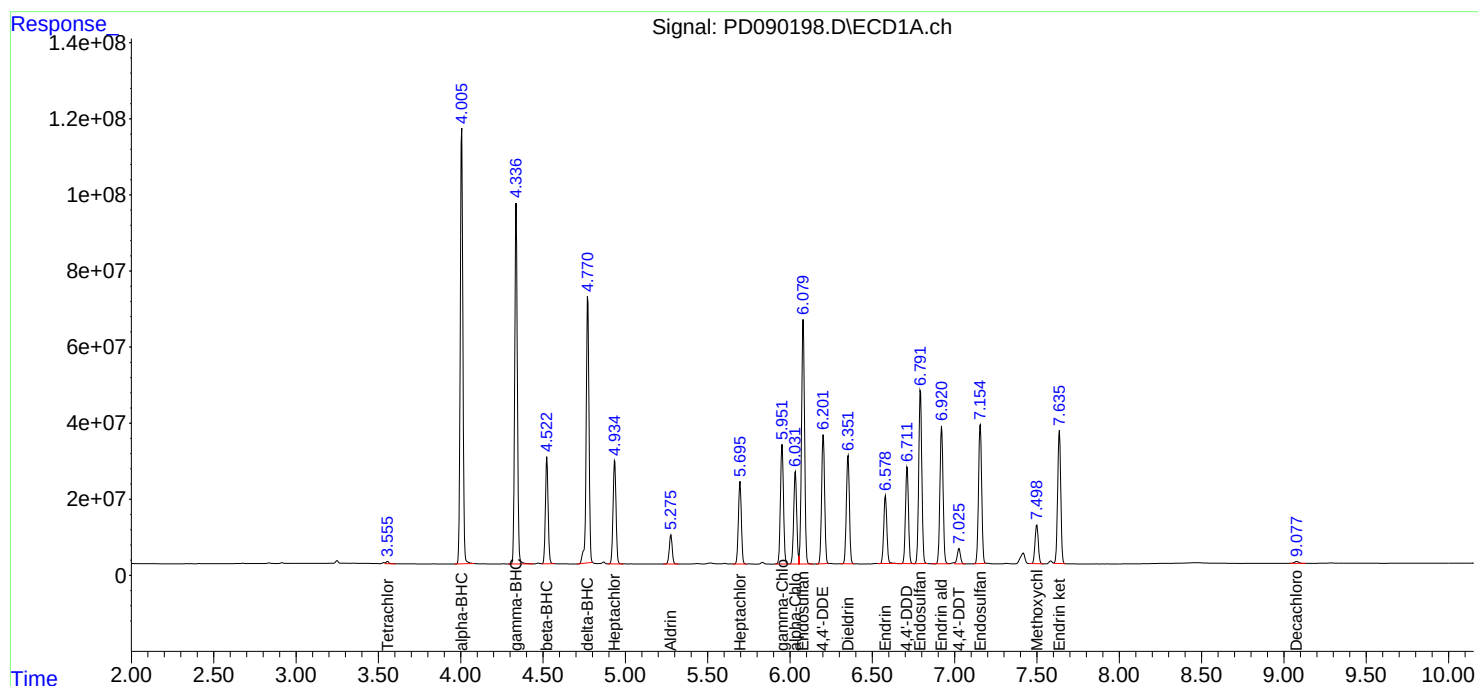
Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

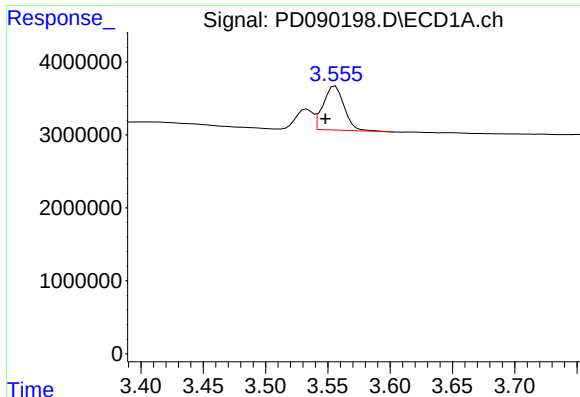
Manual Integrations
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Supervised By :mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 01:43:14 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





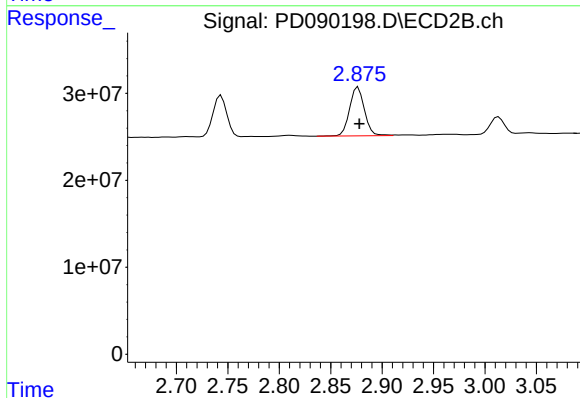
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.008 min
Response: 7029390
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

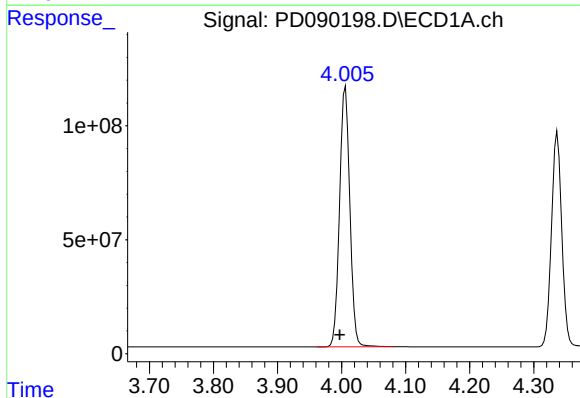
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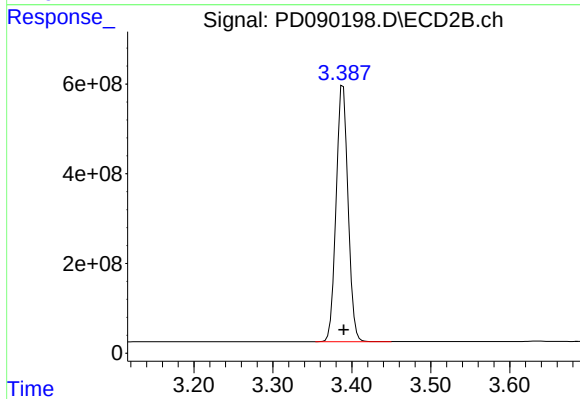
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 56487453
Conc: 2.56 ng/ml



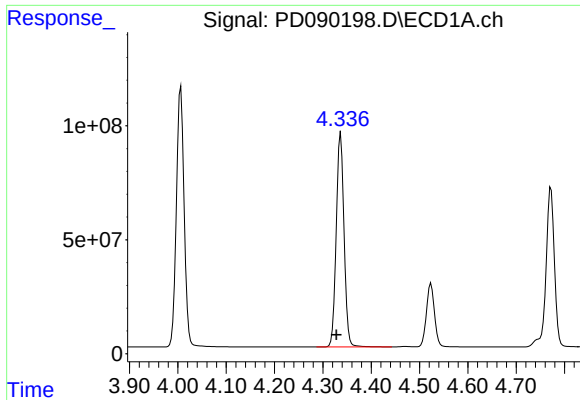
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.009 min
Response: 1272794203
Conc: 212.05 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 5987741798
Conc: 176.43 ng/ml



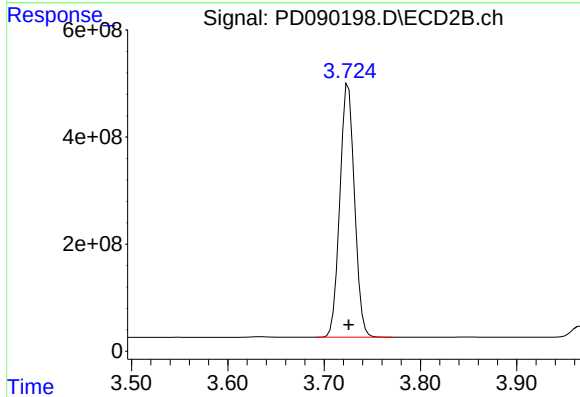
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.009 min
Response: 1059625651
Conc: 185.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

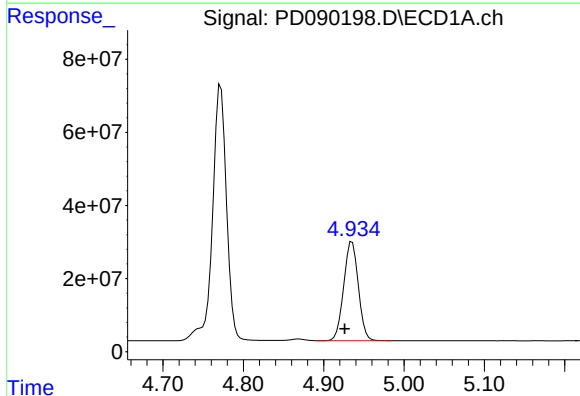
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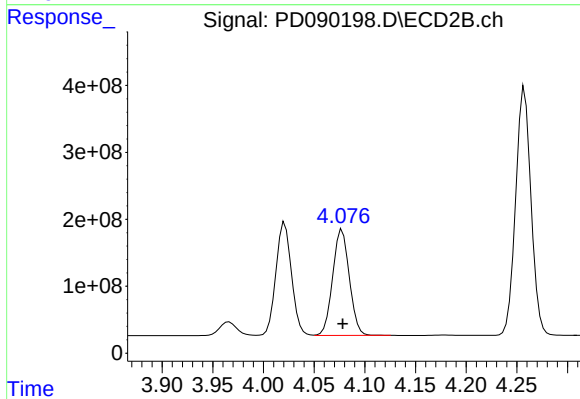
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 4990758593
Conc: 160.11 ng/ml



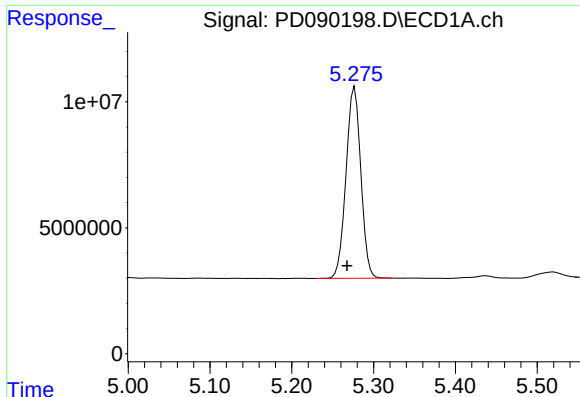
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: 0.009 min
Response: 343204677
Conc: 61.19 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1815350138
Conc: 58.20 ng/ml



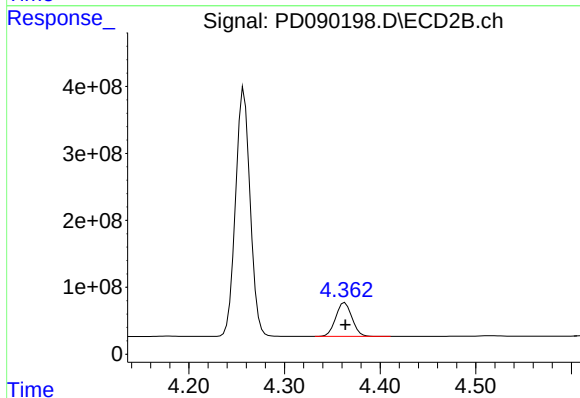
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.009 min
Response: 94834314
Conc: 17.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

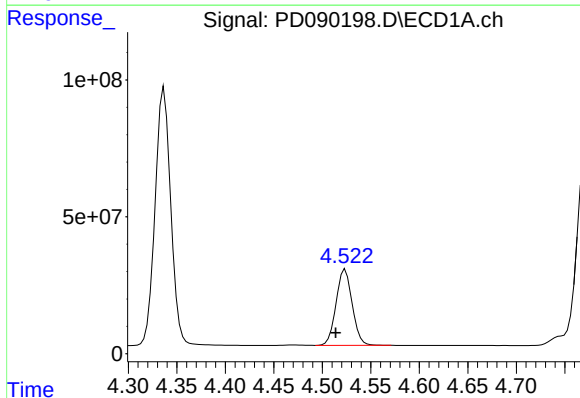
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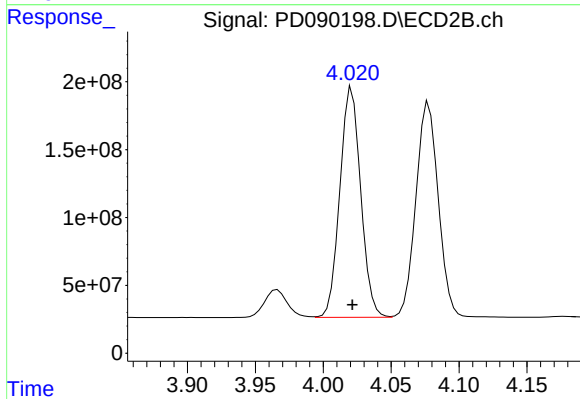
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 594794389
Conc: 19.53 ng/ml



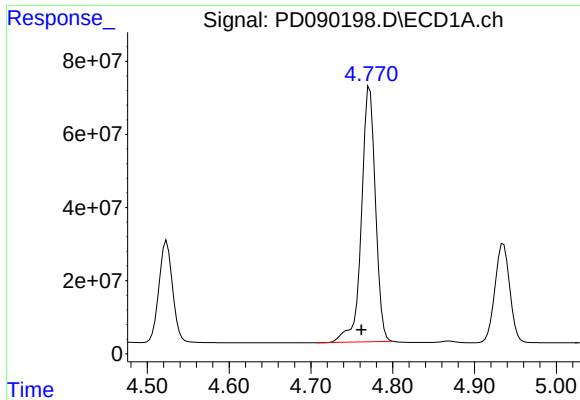
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.010 min
Response: 320930808
Conc: 143.08 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 1809951853
Conc: 135.78 ng/ml



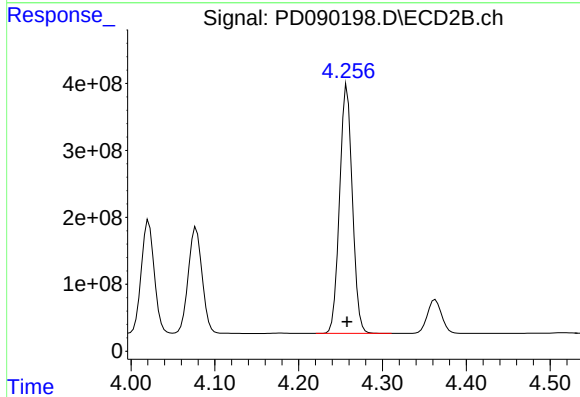
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.010 min
Response: 832626232
Conc: 160.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

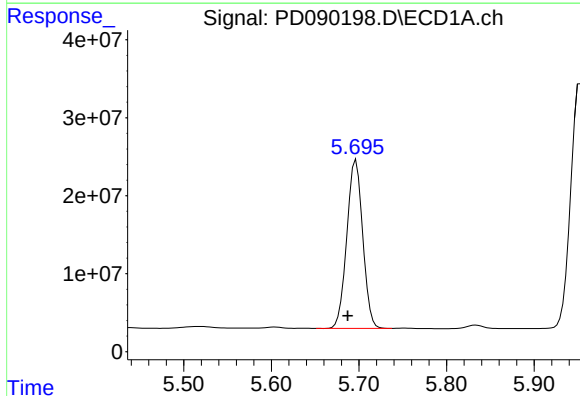
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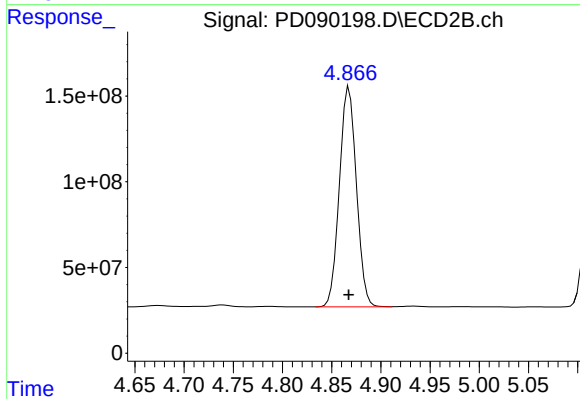
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3920626507
Conc: 124.27 ng/ml



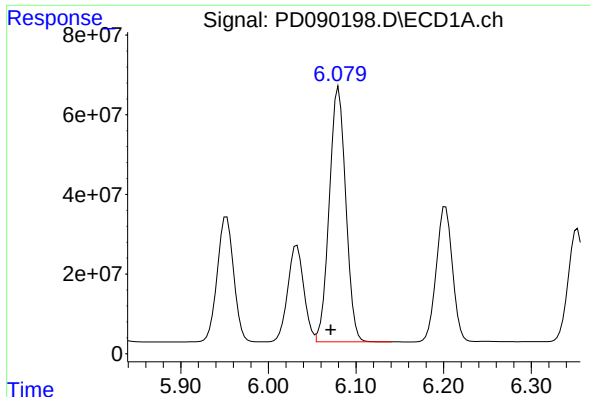
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.009 min
Response: 272129149
Conc: 55.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1545097967
Conc: 55.79 ng/ml



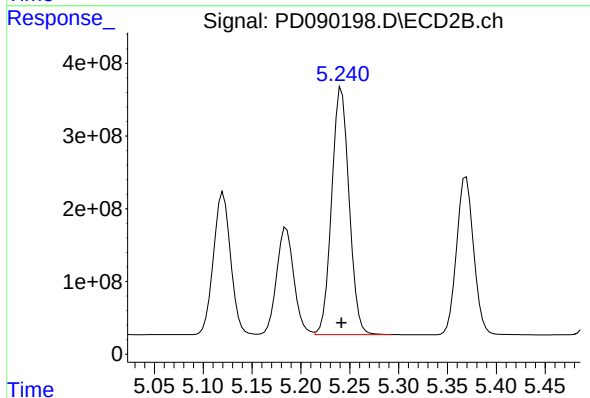
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.009 min
Response: 837261205
Conc: 181.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

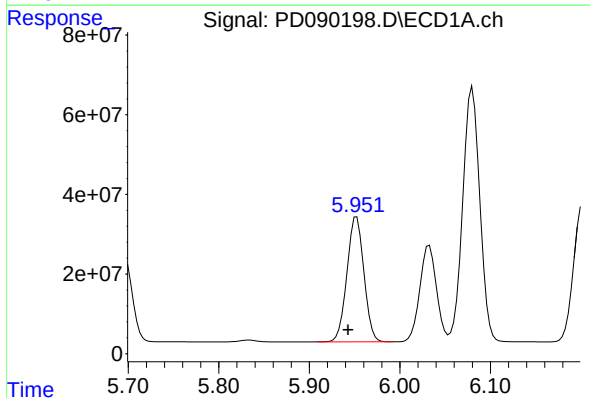
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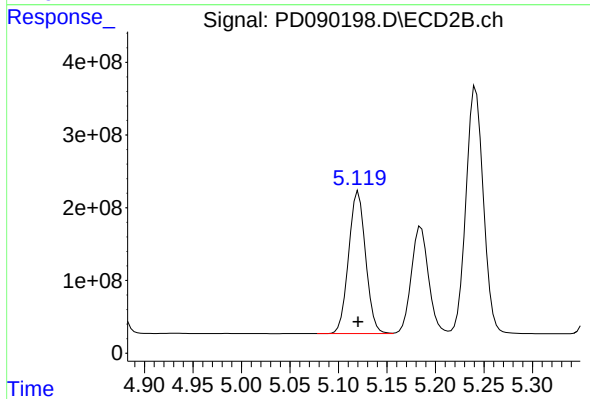
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 4220071275
Conc: 160.94 ng/ml



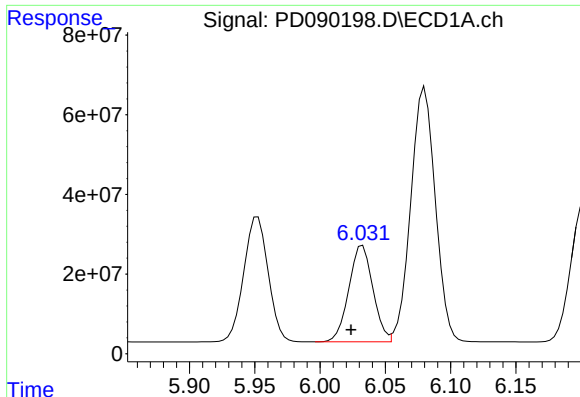
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.008 min
Response: 409663169
Conc: 83.76 ng/ml m



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 2385064694
Conc: 80.55 ng/ml



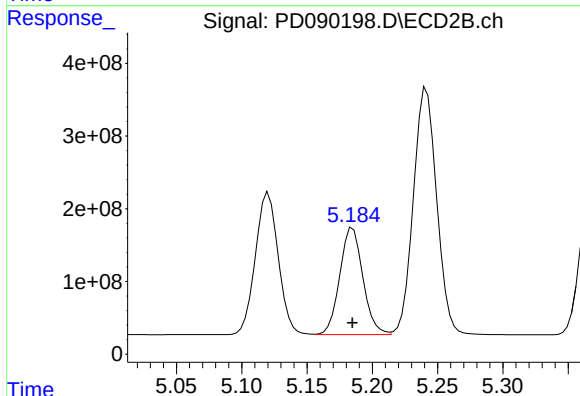
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.009 min
Response: 310590941
Conc: 63.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

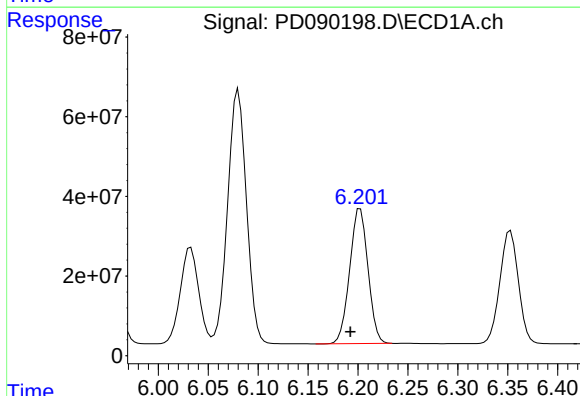
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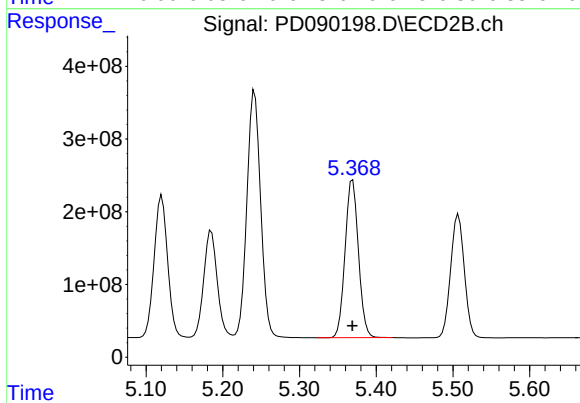
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1813365244
Conc: 63.54 ng/ml



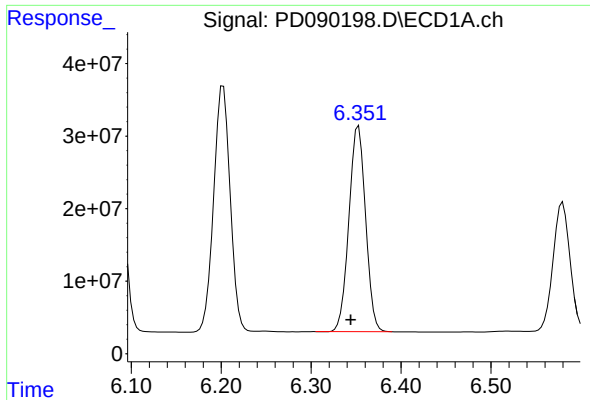
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.010 min
Response: 432075588
Conc: 98.46 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 2631445275
Conc: 91.30 ng/ml



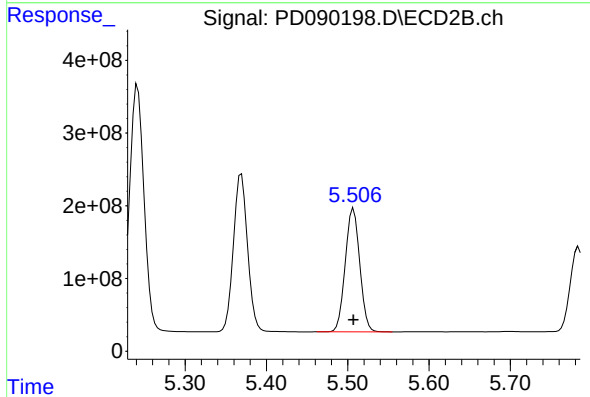
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.009 min
Response: 365024705
Conc: 74.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

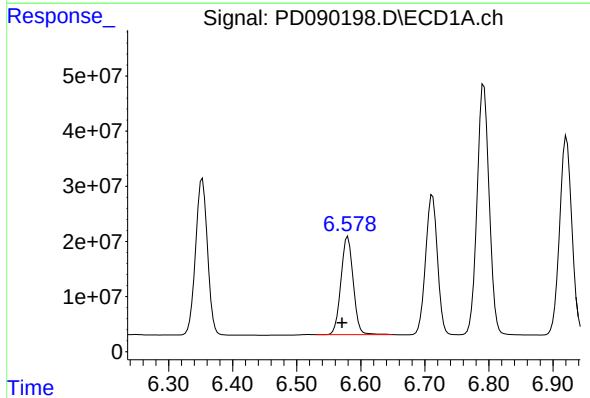
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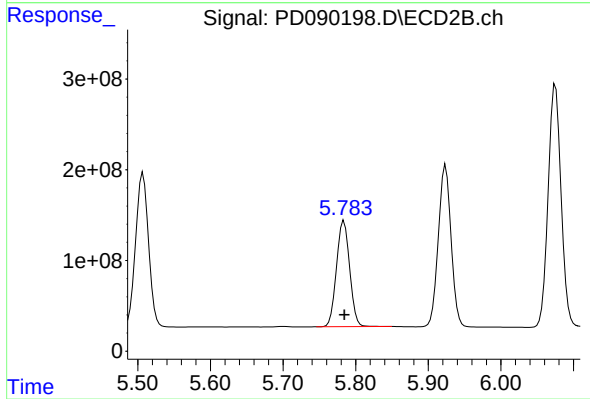
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 2099783400
Conc: 71.70 ng/ml



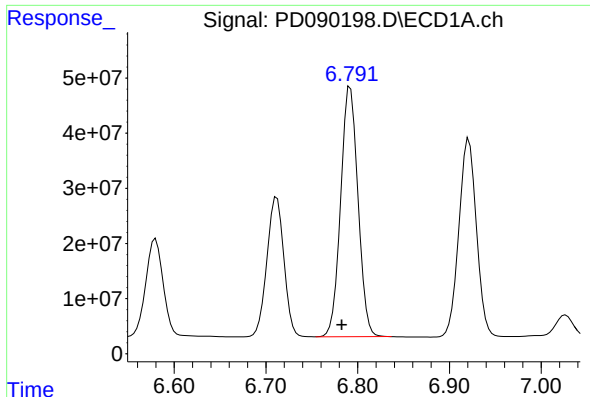
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.009 min
Response: 235723391
Conc: 56.89 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1470237015
Conc: 55.21 ng/ml



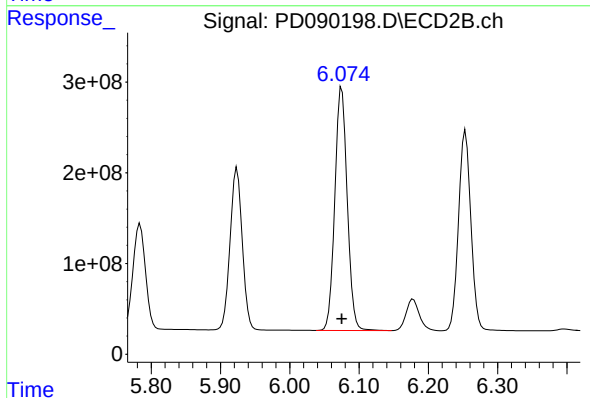
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.009 min
Response: 594825098
Conc: 140.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

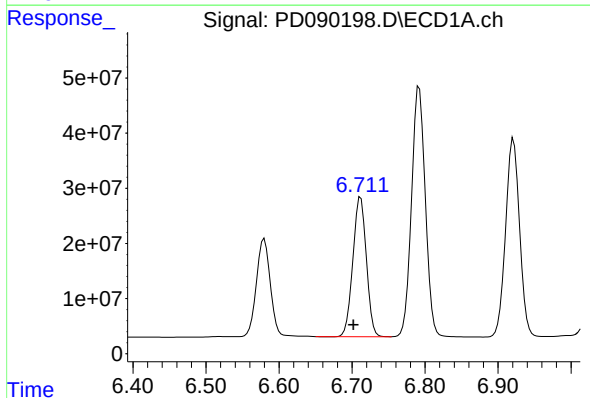
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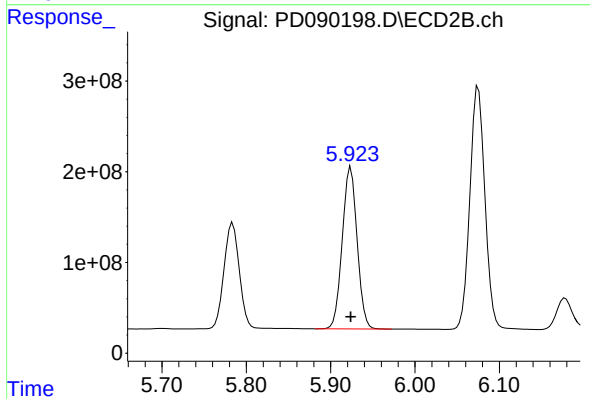
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 3334052303
Conc: 131.81 ng/ml



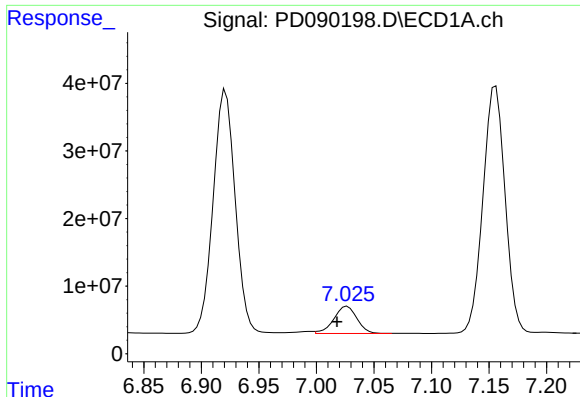
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.010 min
Response: 325017586
Conc: 93.96 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 2182099071
Conc: 90.76 ng/ml



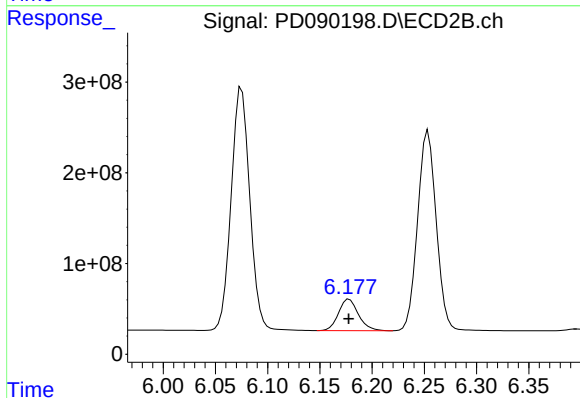
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.008 min
Response: 55635760
Conc: 14.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

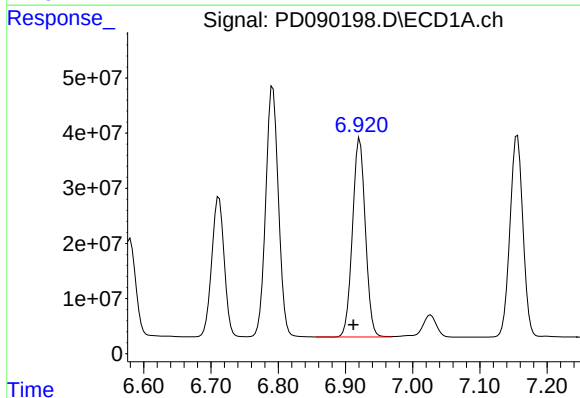
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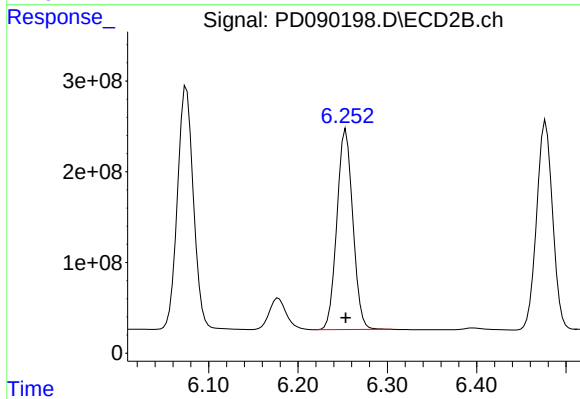
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 460017818
Conc: 18.35 ng/ml



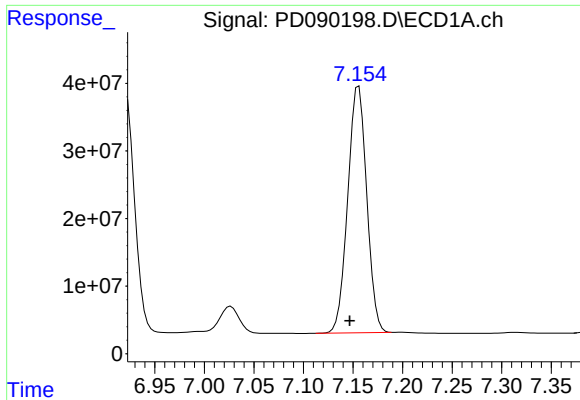
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.009 min
Response: 479849757
Conc: 167.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2727321105
Conc: 158.38 ng/ml



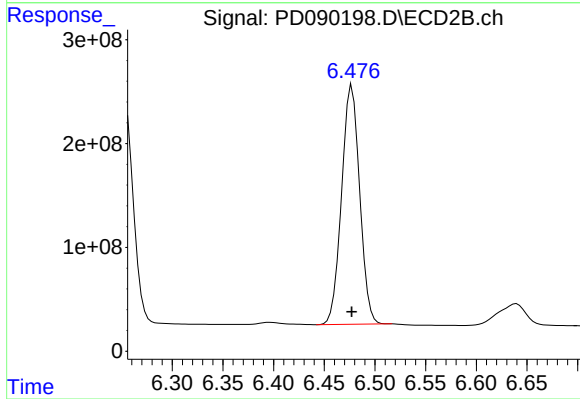
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.009 min
Response: 487196018
Conc: 124.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

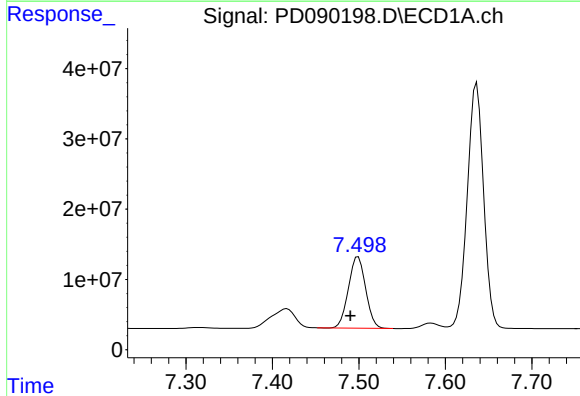
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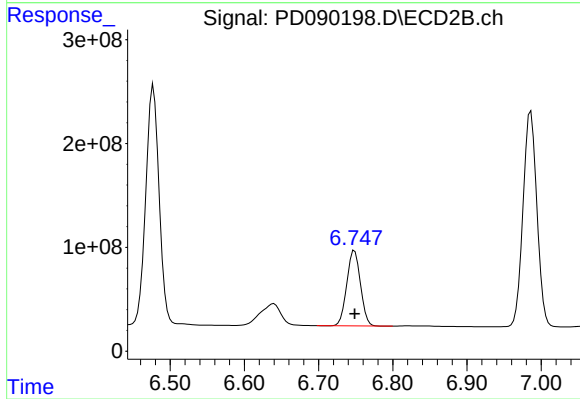
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 2850907534
Conc: 116.94 ng/ml



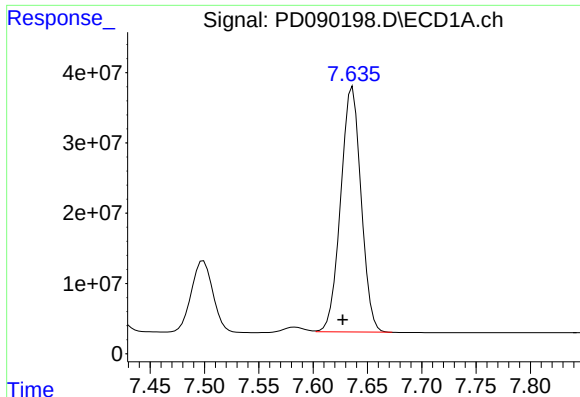
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.009 min
Response: 140112591
Conc: 69.86 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 929020779
Conc: 72.04 ng/ml



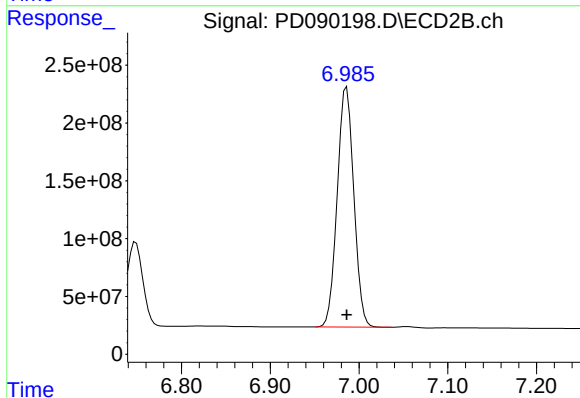
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: 0.008 min
Response: 455446267
Conc: 109.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL

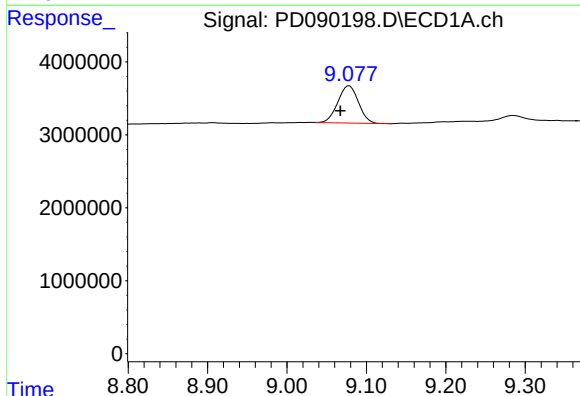
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/10/2025



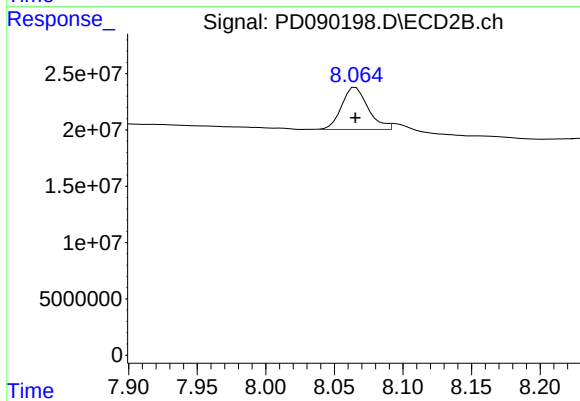
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 2695905127
Conc: 101.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.012 min
Response: 9253973
Conc: 2.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 50480980
Conc: 1.95 ng/ml m