

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051425\
 Data File : PL095661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 15:03
 Operator : AR\AJ
 Sample : Q2001-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-A4-03-CMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:09:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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 x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.593	2.908	75296411	80991235	18.428	17.291
28) SA Decachlor...	9.114	8.082	75150647	84358147	22.152	20.452
Target Compounds						
2) A alpha-BHC	4.043	3.417	310.5E6	338.0E6	53.066	47.262
3) MA gamma-BHC...	4.374	3.750	300.8E6	316.0E6	54.037	46.799
4) MA Heptachlor	4.972	4.103	282.0E6	294.7E6	51.789	45.171
5) MB Aldrin	5.314	4.388	308.1E6	292.5E6	53.633	45.865
6) B beta-BHC	4.560	4.044	98073918	138.5E6	40.045	45.902
7) B delta-BHC	4.808	4.280	281.7E6	313.7E6	51.850	46.087
8) B Heptachlo...	5.734	4.891	279.3E6	280.0E6	53.903	48.448
9) A Endosulfan I	6.118	5.264	215.8E6	206.7E6	44.088	39.967
10) B gamma-Chl...	5.988	5.143	299.5E6	290.9E6	55.929	48.838
11) B alpha-Chl...	6.069	5.208	290.3E6	284.8E6	55.842	48.249
12) B 4,4'-DDE	6.239	5.393	279.4E6	288.1E6	54.575	48.280
13) MA Dieldrin	6.391	5.529	279.6E6	304.9E6	56.731	49.554
14) MA Endrin	6.618	5.803	215.7E6	263.9E6	56.311	49.529
15) B Endosulfa...	6.830	6.093	126.6E6	152.5E6	30.376	27.844
16) A 4,4'-DDD	6.747	5.944	217.8E6	299.5E6	56.040	58.234m
17) MA 4,4'-DDT	7.063	6.198	206.4E6	241.5E6	57.356	48.113
18) B Endrin al...	6.959	6.271	171.6E6	200.2E6	58.440	52.290
19) B Endosulfa...	7.192	6.494	211.6E6	246.6E6	57.643	49.599
20) A Methoxychlor	7.534	6.768	92761121	128.0E6	55.017	47.303
21) B Endrin ke...	7.674	7.000	214.9E6	297.5E6	57.366	50.624
22) Mirex	8.155	7.196	166.1E6	208.8E6	54.553	48.431

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051425\
Data File : PL095661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 15:03
Operator : AR\AJ
Sample : Q2001-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

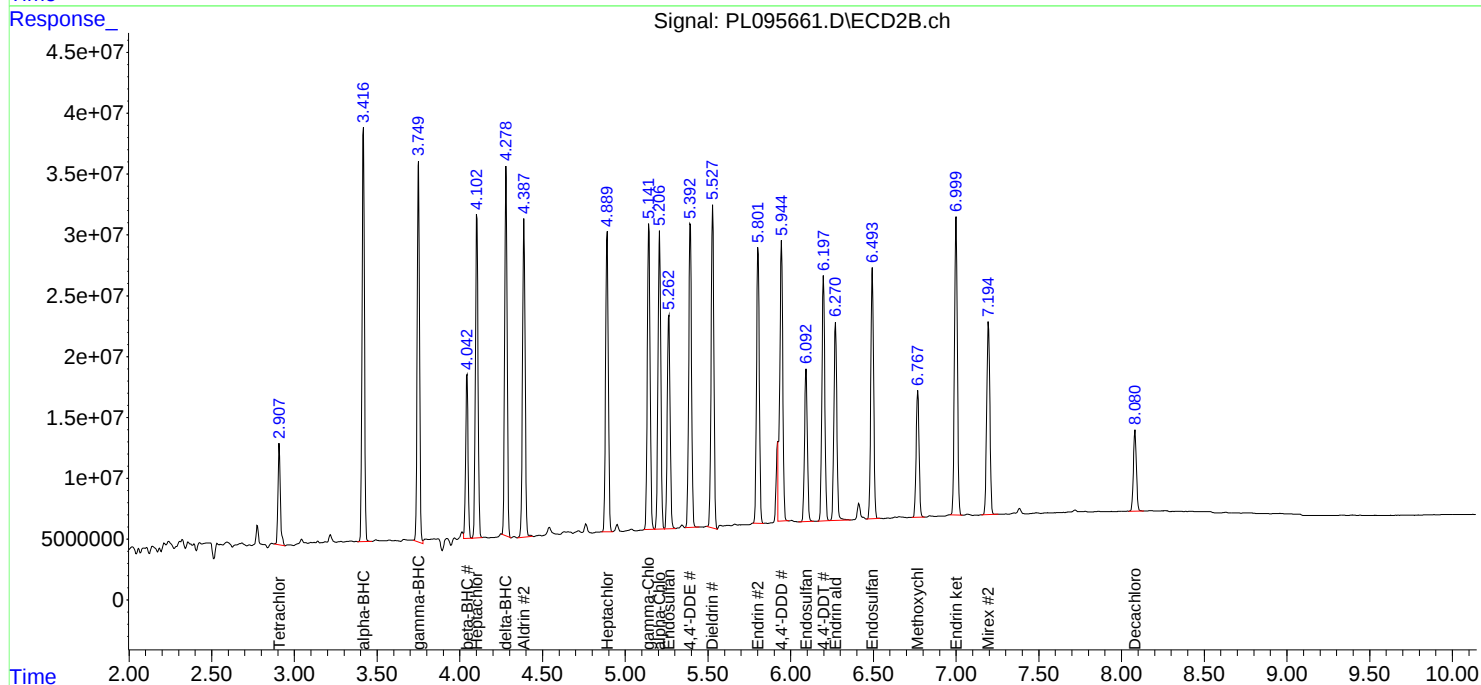
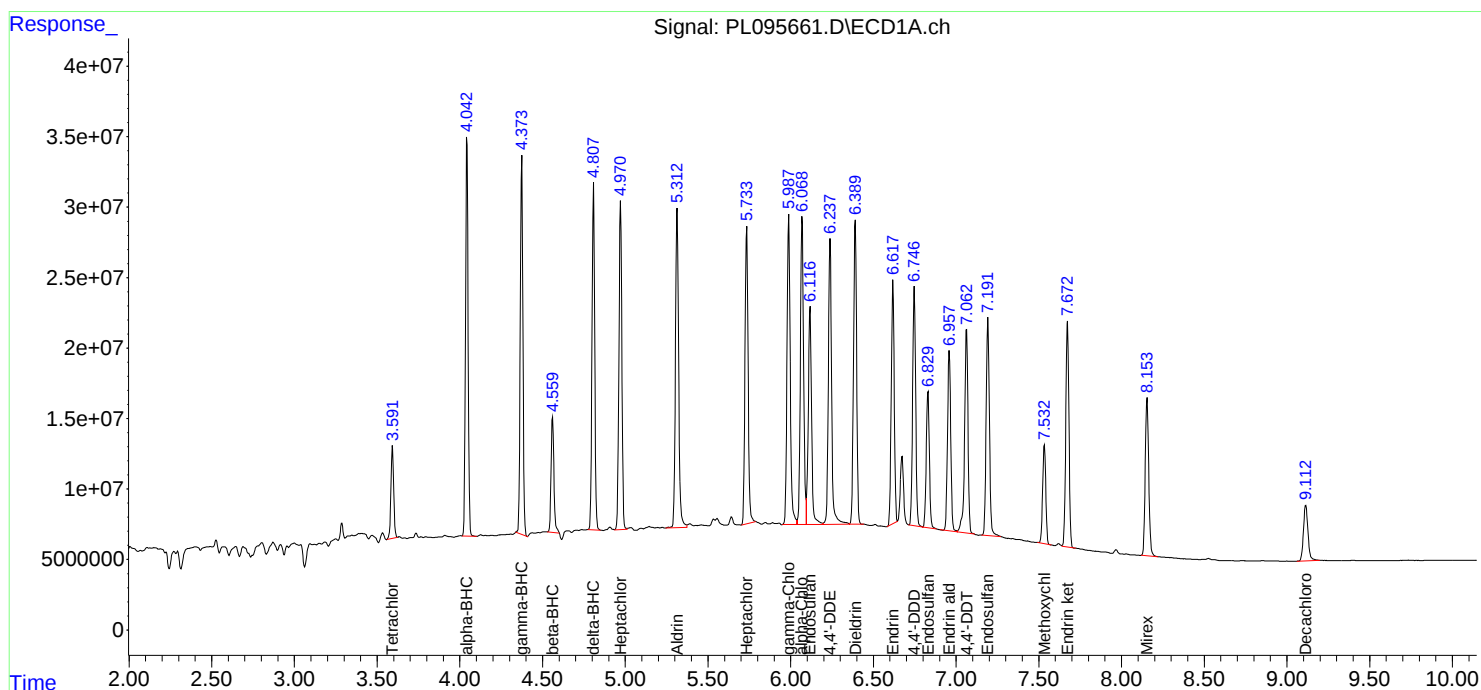
Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

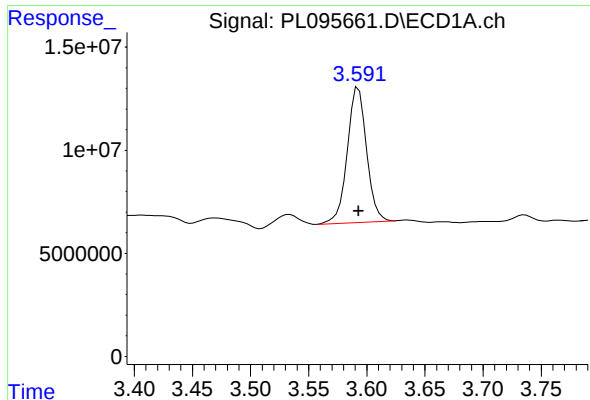
Manual Integrations
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Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:09:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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 x0.25µm





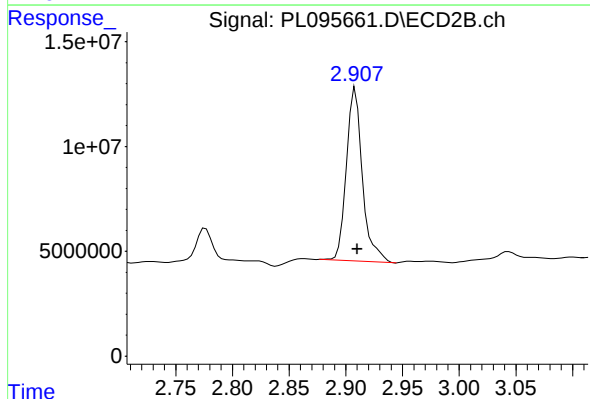
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 75296411
Conc: 18.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

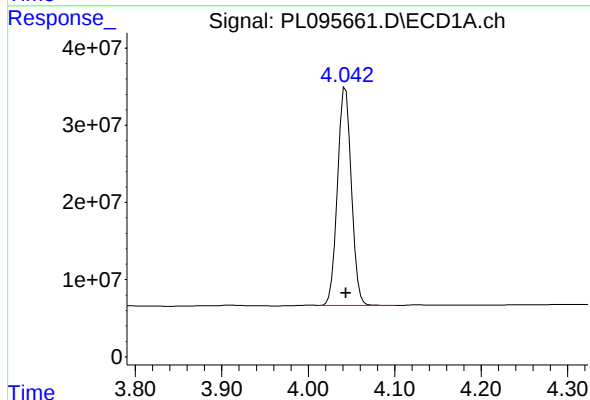
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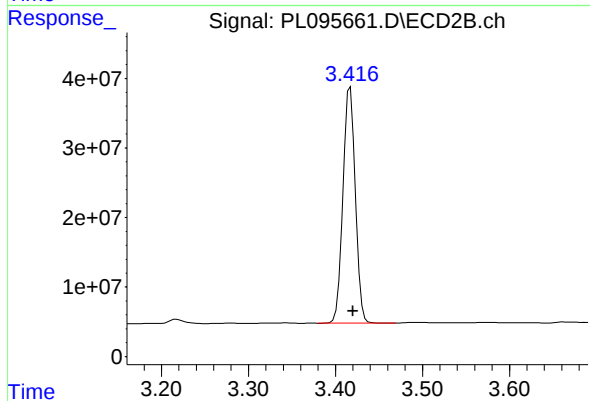
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: -0.002 min
Response: 80991235
Conc: 17.29 ng/ml



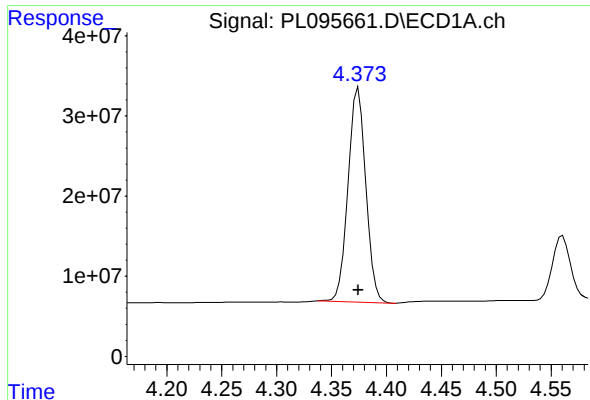
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 310499423
Conc: 53.07 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: -0.003 min
Response: 337990685
Conc: 47.26 ng/ml



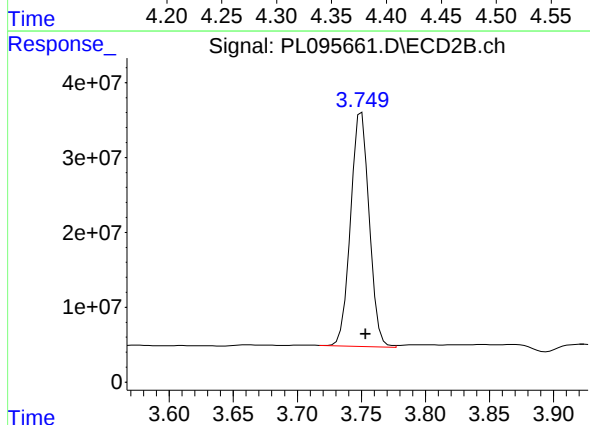
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 300774138
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

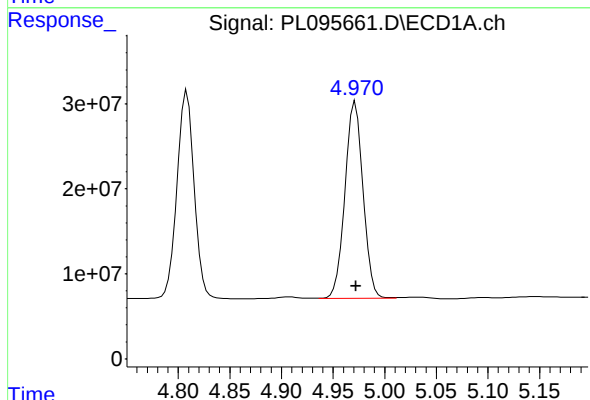
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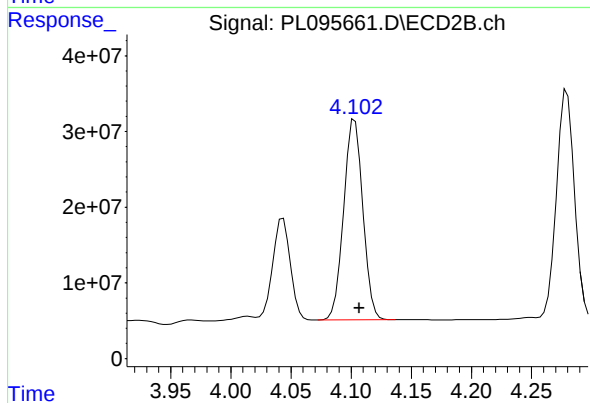
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 316016968
Conc: 46.80 ng/ml



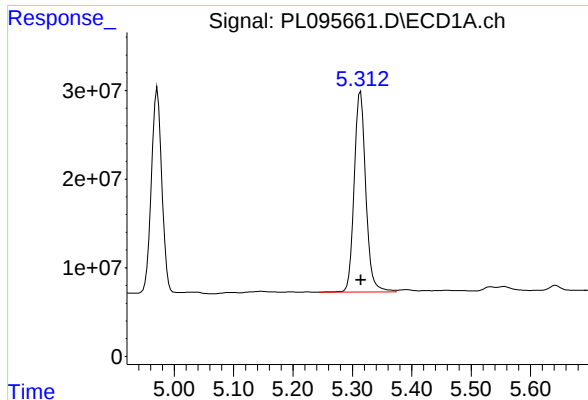
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 282034575
Conc: 51.79 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.004 min
Response: 294668070
Conc: 45.17 ng/ml



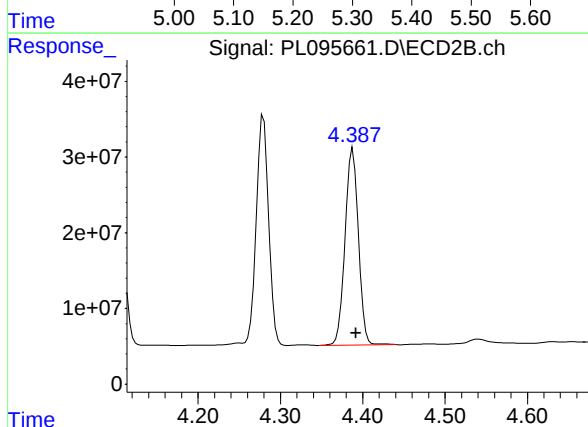
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 308050411
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

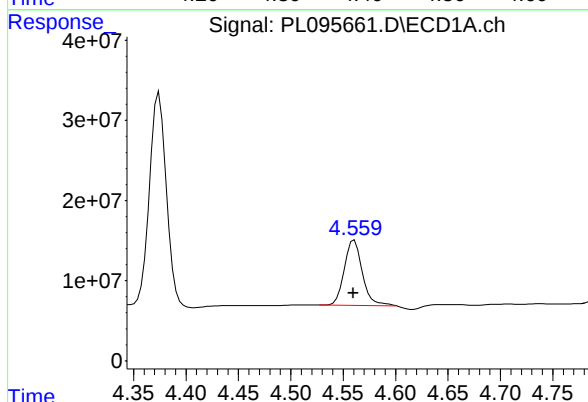
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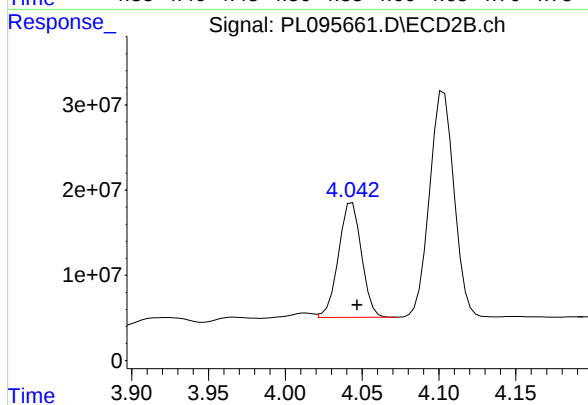
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.004 min
Response: 292522057
Conc: 45.86 ng/ml



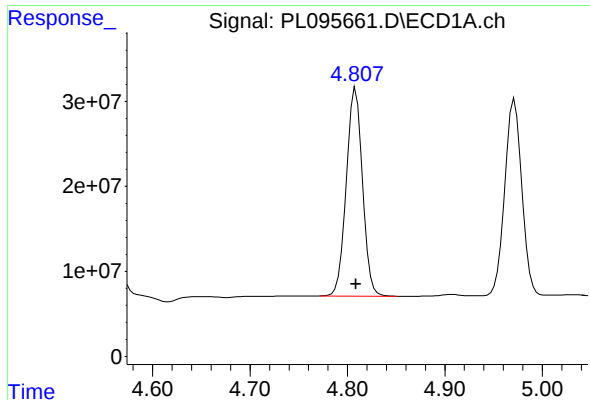
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 98073918
Conc: 40.04 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.004 min
Response: 138488945
Conc: 45.90 ng/ml



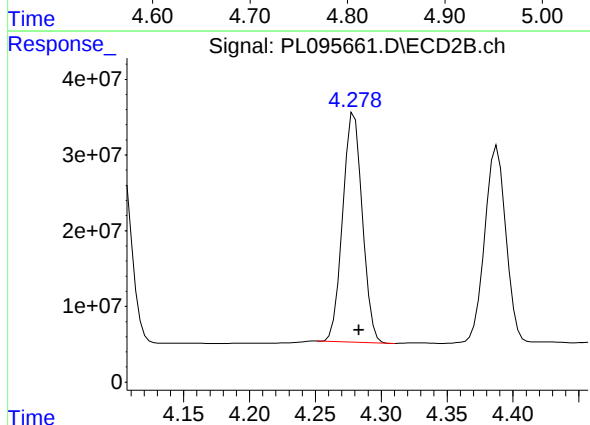
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 281688627
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

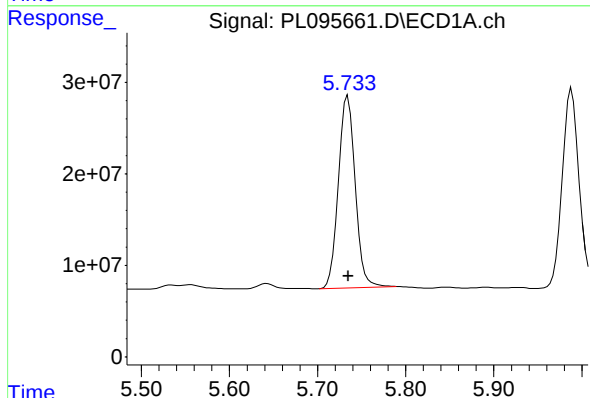
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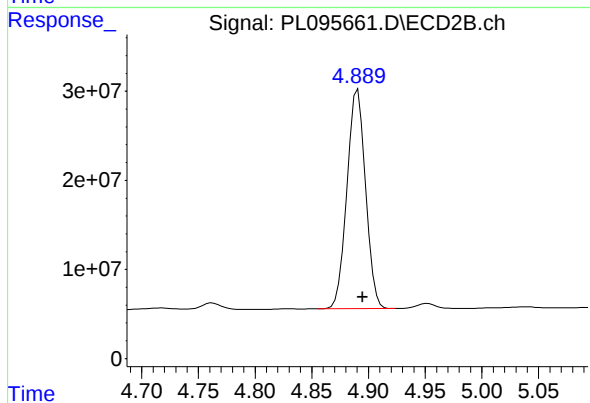
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 313701141
Conc: 46.09 ng/ml



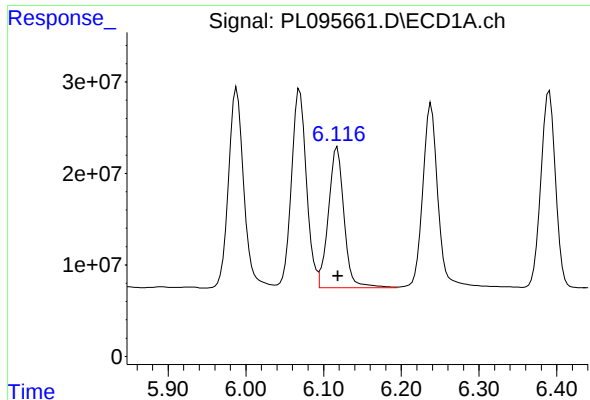
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 279321600
Conc: 53.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 279999583
Conc: 48.45 ng/ml



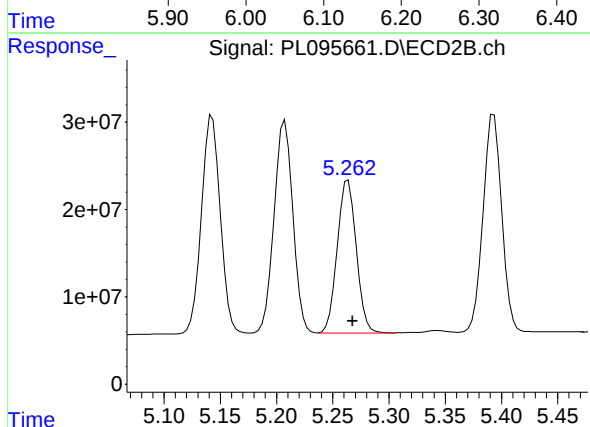
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: -0.001 min
Response: 215833303
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

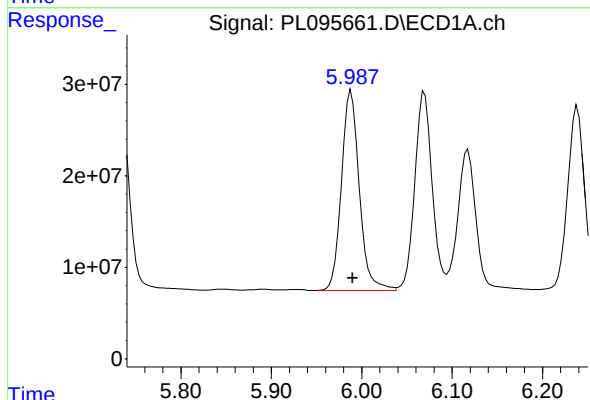
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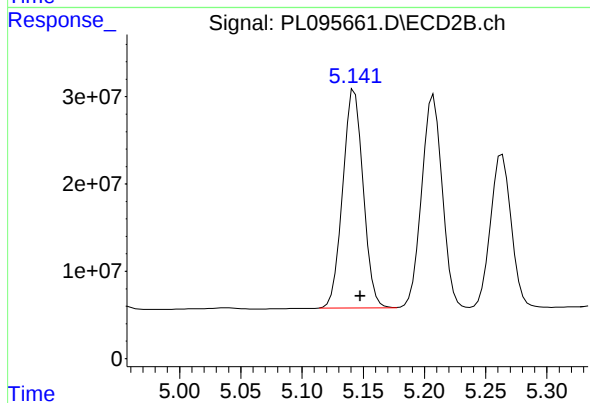
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.004 min
Response: 206708759
Conc: 39.97 ng/ml



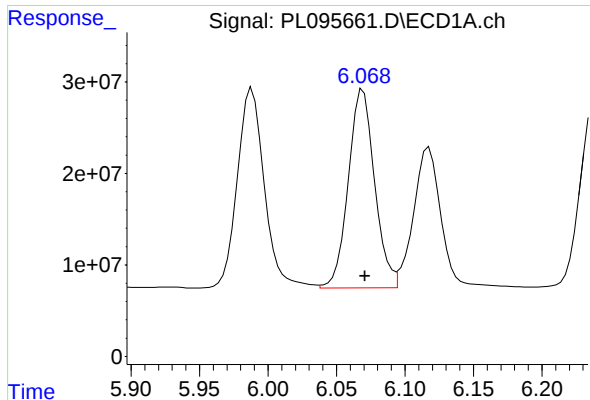
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 299512507
Conc: 55.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.005 min
Response: 290894540
Conc: 48.84 ng/ml



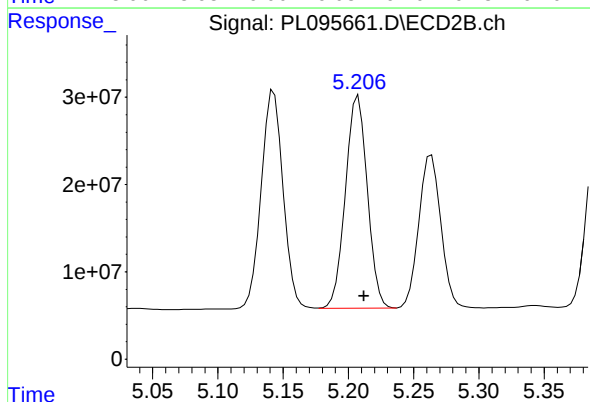
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 290252966
Conc: 55.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

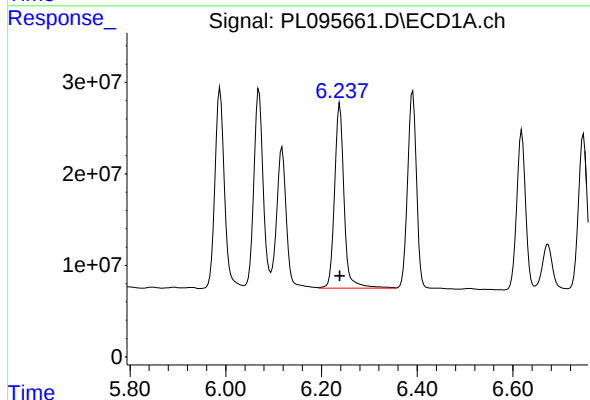
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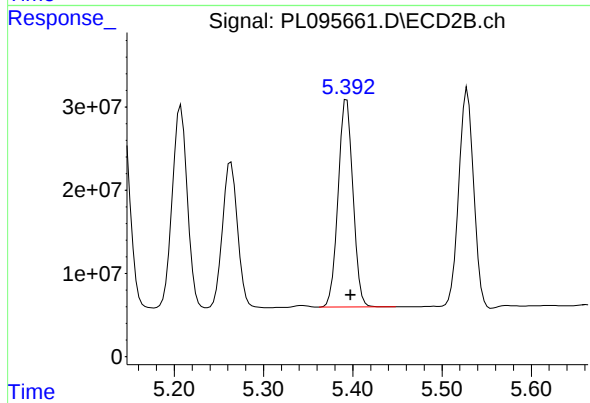
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.004 min
Response: 284774072
Conc: 48.25 ng/ml



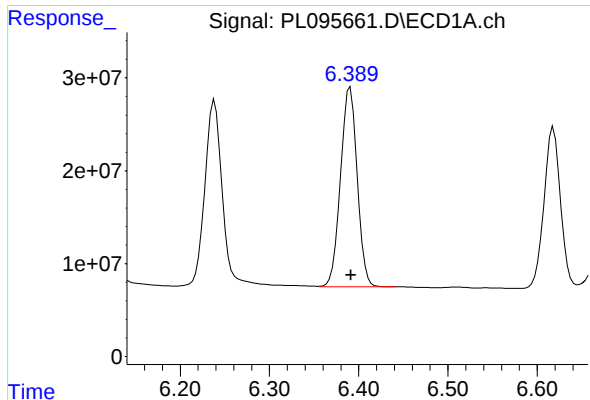
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 279359460
Conc: 54.57 ng/ml



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 288126001
Conc: 48.28 ng/ml



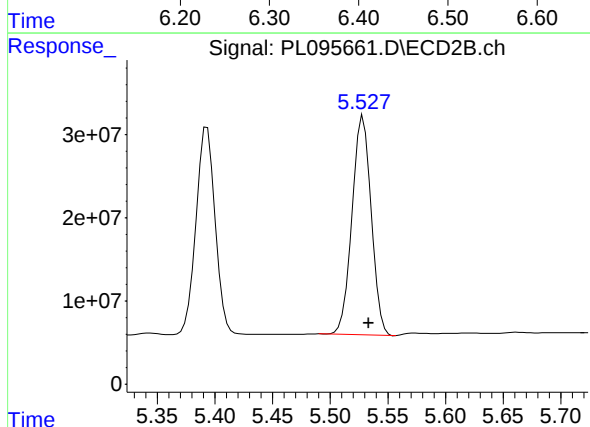
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 279574202
Conc: 56.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

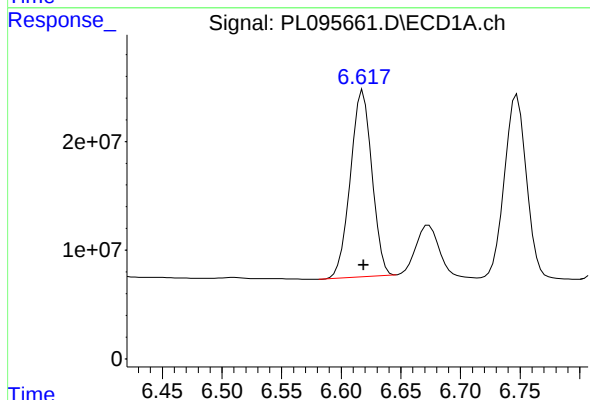
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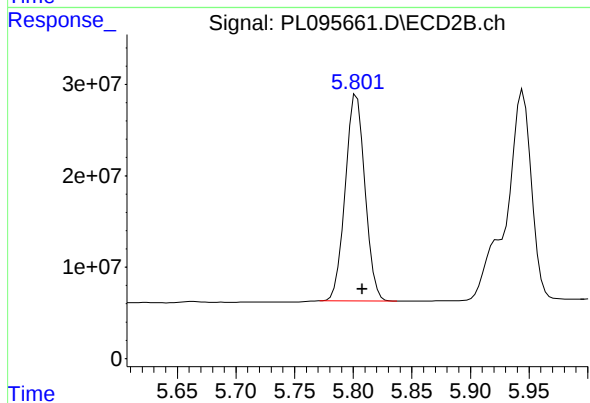
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 304890891
Conc: 49.55 ng/ml



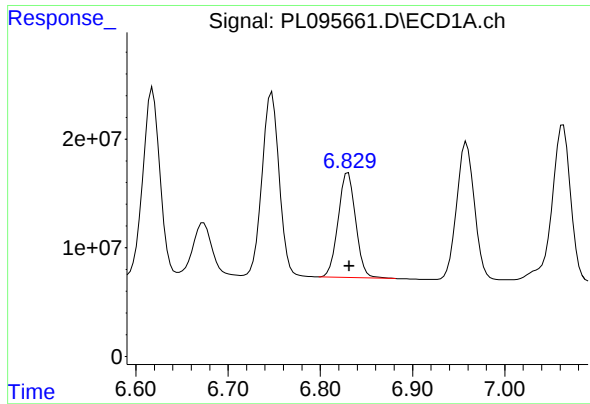
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 215701738
Conc: 56.31 ng/ml



#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 263871469
Conc: 49.53 ng/ml



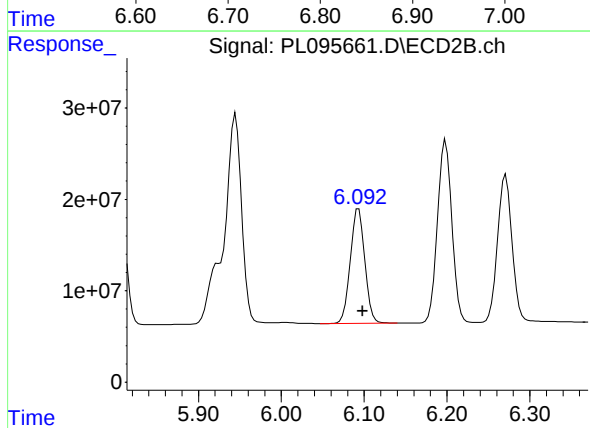
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 126608751
Conc: 30.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

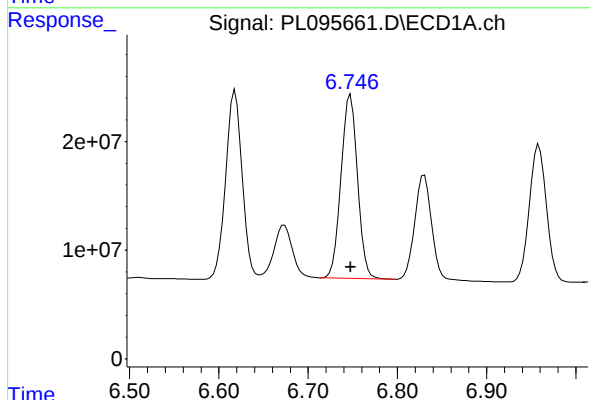
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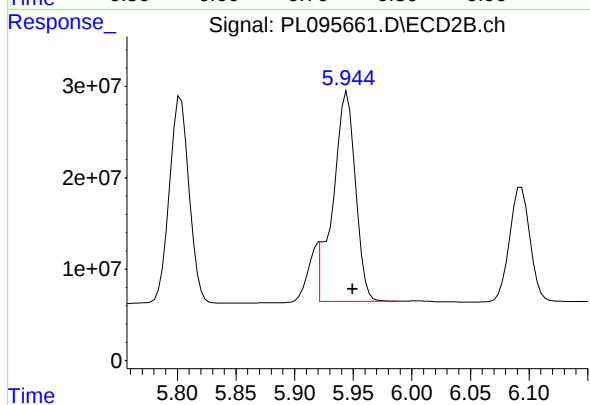
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 152487233
Conc: 27.84 ng/ml



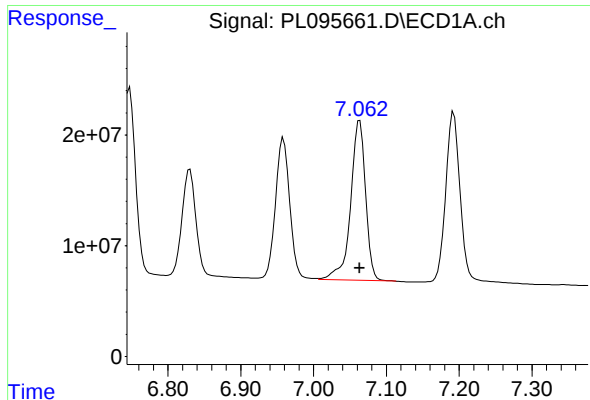
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 217751379
Conc: 56.04 ng/ml



#16 4,4'-DDD

R.T.: 5.944 min
Delta R.T.: -0.006 min
Response: 299477191
Conc: 58.23 ng/ml m



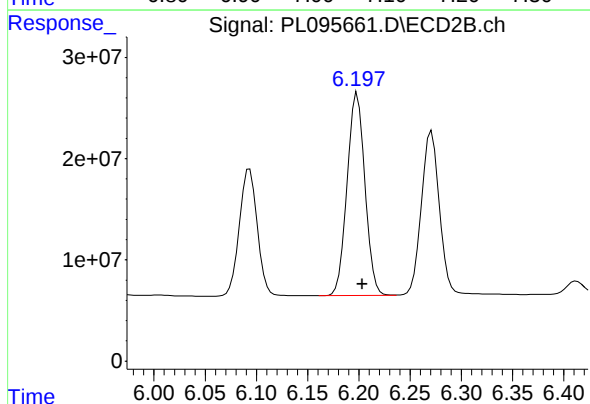
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 206357388
Conc: 57.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

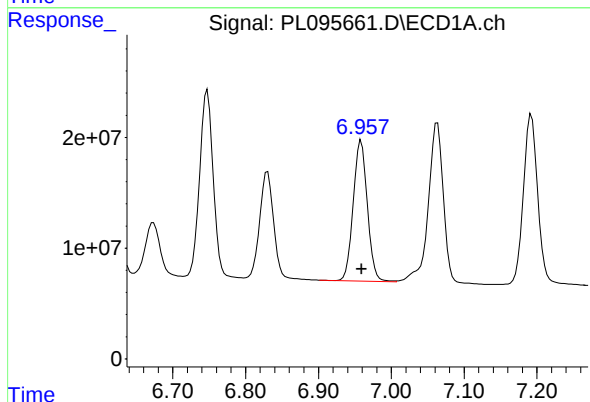
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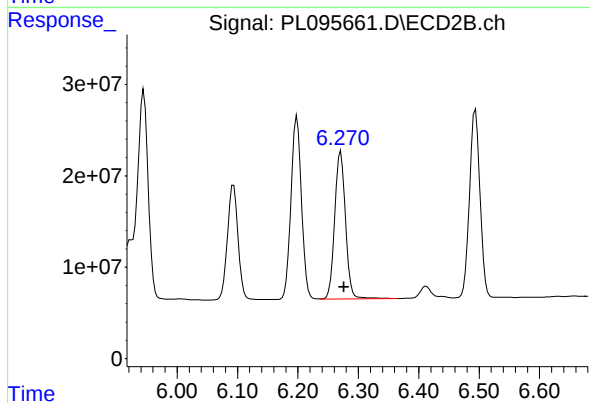
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.005 min
Response: 241473149
Conc: 48.11 ng/ml



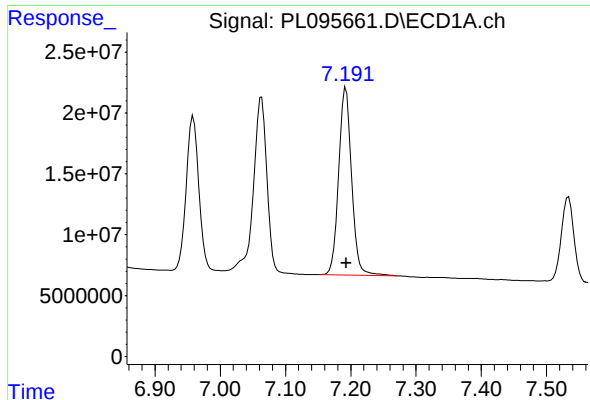
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 171573536
Conc: 58.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 200208752
Conc: 52.29 ng/ml



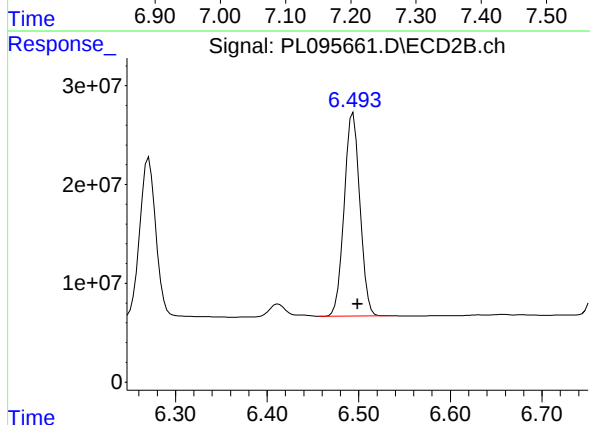
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 211570890
Conc: 57.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

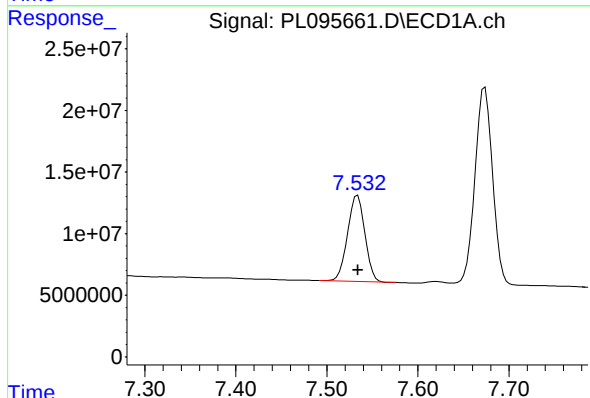
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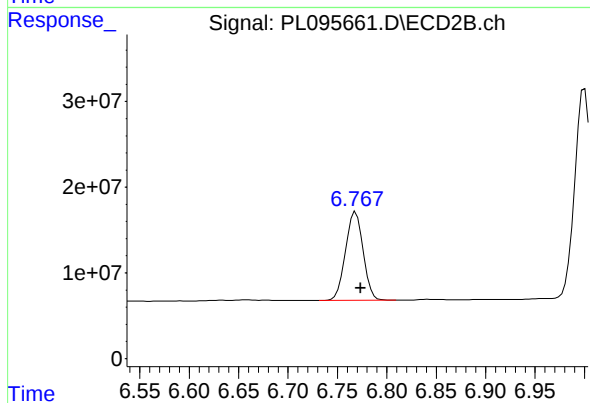
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 246595663
Conc: 49.60 ng/ml



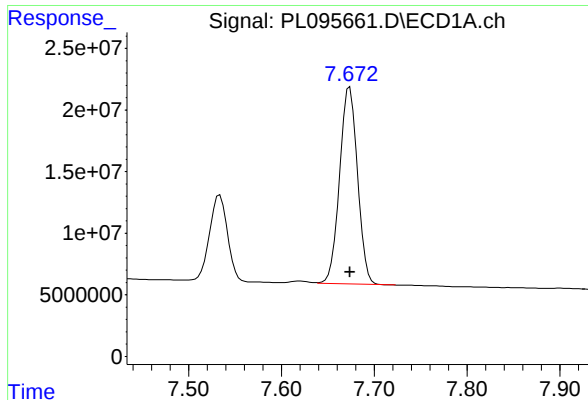
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 92761121
Conc: 55.02 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 127993719
Conc: 47.30 ng/ml



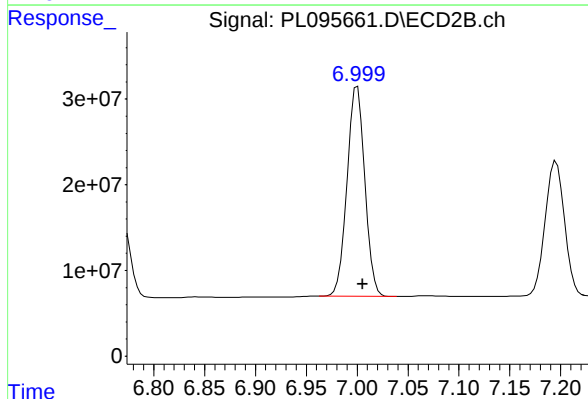
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 214913298
Conc: 57.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

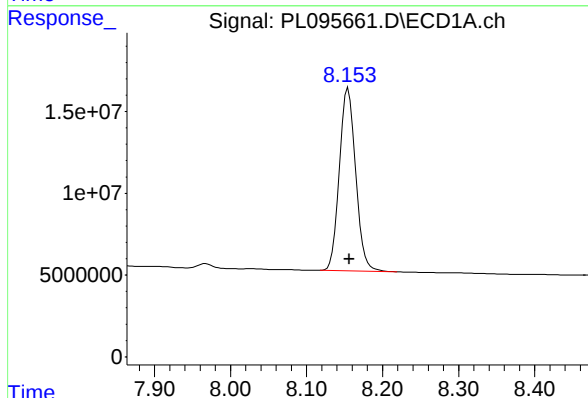
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



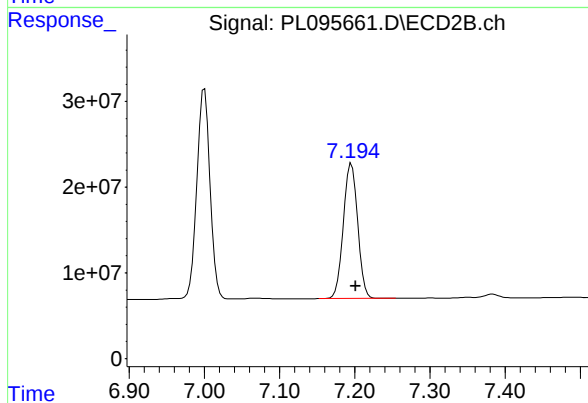
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 297499227
Conc: 50.62 ng/ml



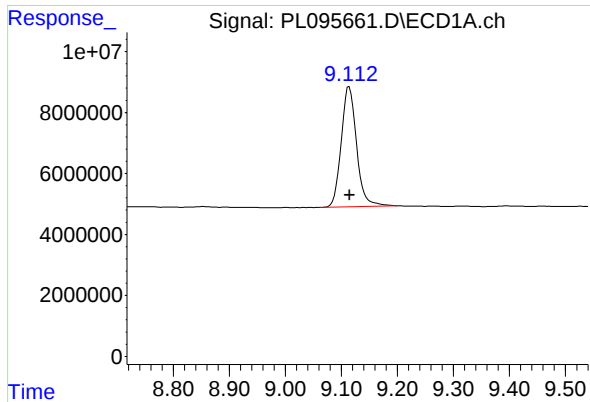
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 166094163
Conc: 54.55 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.005 min
Response: 208821490
Conc: 48.43 ng/ml



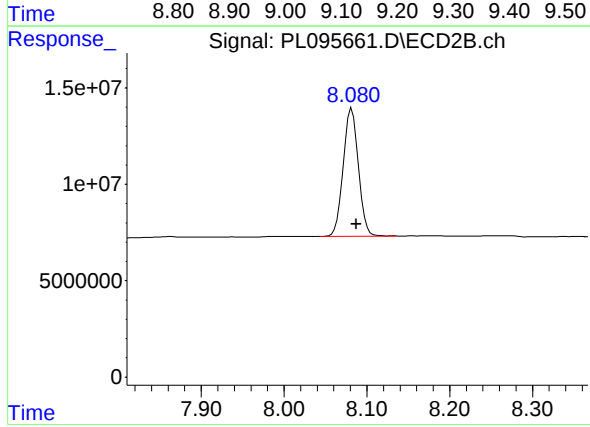
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: -0.002 min
Response: 75150647
Conc: 22.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A4-03-CMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.006 min
Response: 84358147
Conc: 20.45 ng/ml