

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095697.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 17:10
 Operator : AR\AJ
 Sample : Q2034-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 L3-WC-2MSD

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 04:04:31 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...	3.590	2.907	54540871	64000654	13.348m	13.663
28) SA Decachlor...	9.111	8.082	42209543	50044277	12.442m	12.133m
Target Compounds						
2) A alpha-BHC	4.042	3.415	242.8E6	296.7E6	41.488	41.481m
3) MA gamma-BHC...	4.373	3.750	231.1E6	279.1E6	41.515	41.333
4) MA Heptachlor	4.970	4.103	226.2E6	270.6E6	41.538	41.488
5) MB Aldrin	5.312	4.388	233.9E6	260.4E6	40.728	40.828
6) B beta-BHC	4.558	4.044	99106790	120.2E6	40.467	39.850
7) B delta-BHC	4.806	4.280	234.4E6	281.6E6	43.138	41.375
8) B Heptachlo...	5.733	4.891	202.3E6	237.1E6	39.031	41.022
9) A Endosulfan I	6.116	5.265	199.0E6	212.0E6	40.649	40.996
10) B gamma-Chl...	5.987	5.144	215.0E6	244.3E6	40.149	41.015
11) B alpha-Chl...	6.068	5.208	215.2E6	242.6E6	41.400	41.100
12) B 4,4'-DDE	6.237	5.394	203.3E6	246.2E6	39.722	41.259
13) MA Dieldrin	6.388	5.529	198.7E6	253.3E6	40.310	41.166
14) MA Endrin	6.616	5.804	165.0E6	223.4E6	43.066	41.926
15) B Endosulfa...	6.828	6.094	179.7E6	213.7E6	43.118	39.028
16) A 4,4'-DDD	6.746	5.946	154.9E6	197.1E6	39.872	38.329
17) MA 4,4'-DDT	7.061	6.200	161.0E6	208.1E6	44.760	41.471
18) B Endrin al...	6.957	6.273	122.3E6	154.0E6	41.665	40.209
19) B Endosulfa...	7.191	6.496	150.6E6	190.4E6	41.021	38.300
20) A Methoxychlor	7.533	6.768	74092076	117.3E6	43.944	43.333m
21) B Endrin ke...	7.672	7.002	141.5E6	219.4E6	37.781	37.335
22) Mirex	8.154	7.197	117.4E6	154.2E6	38.559	35.762

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
Data File : PL095697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 17:10
Operator : AR\AJ
Sample : Q2034-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

L3-WC-2MSD

Manual Integrations

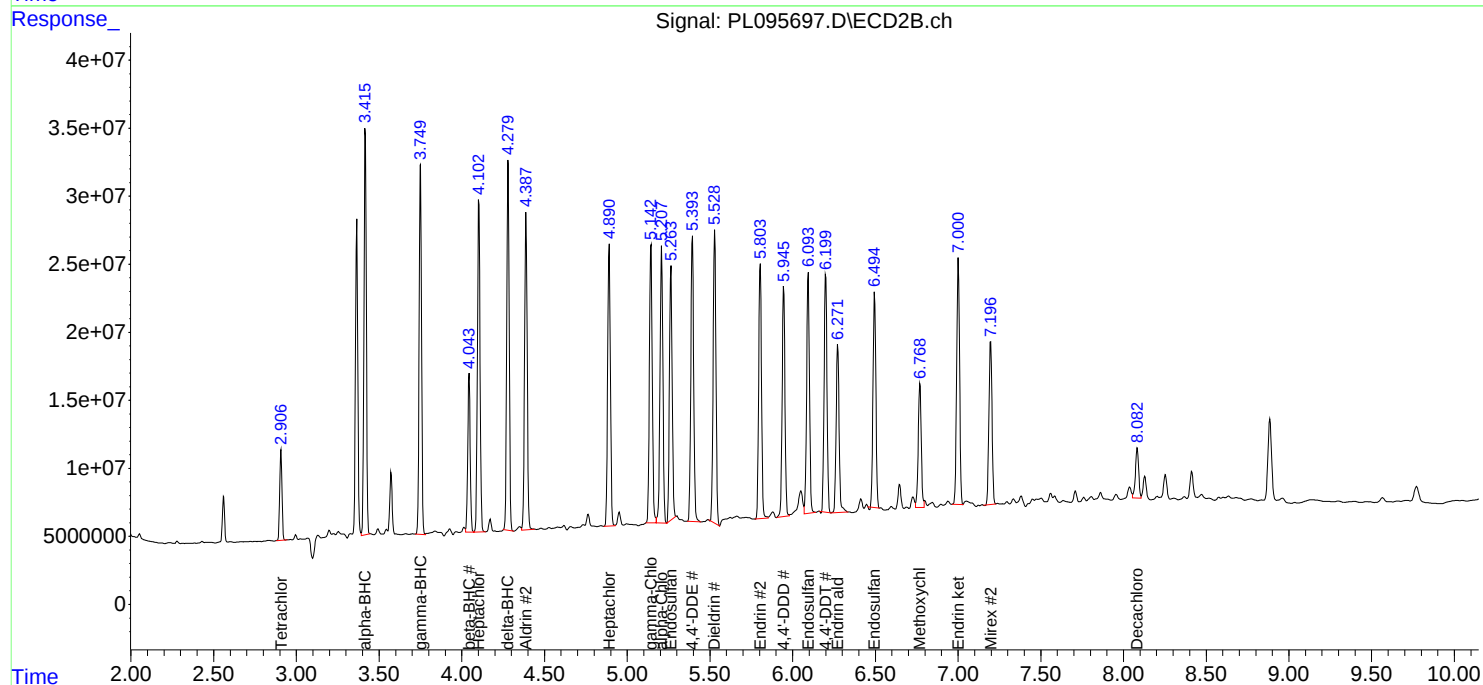
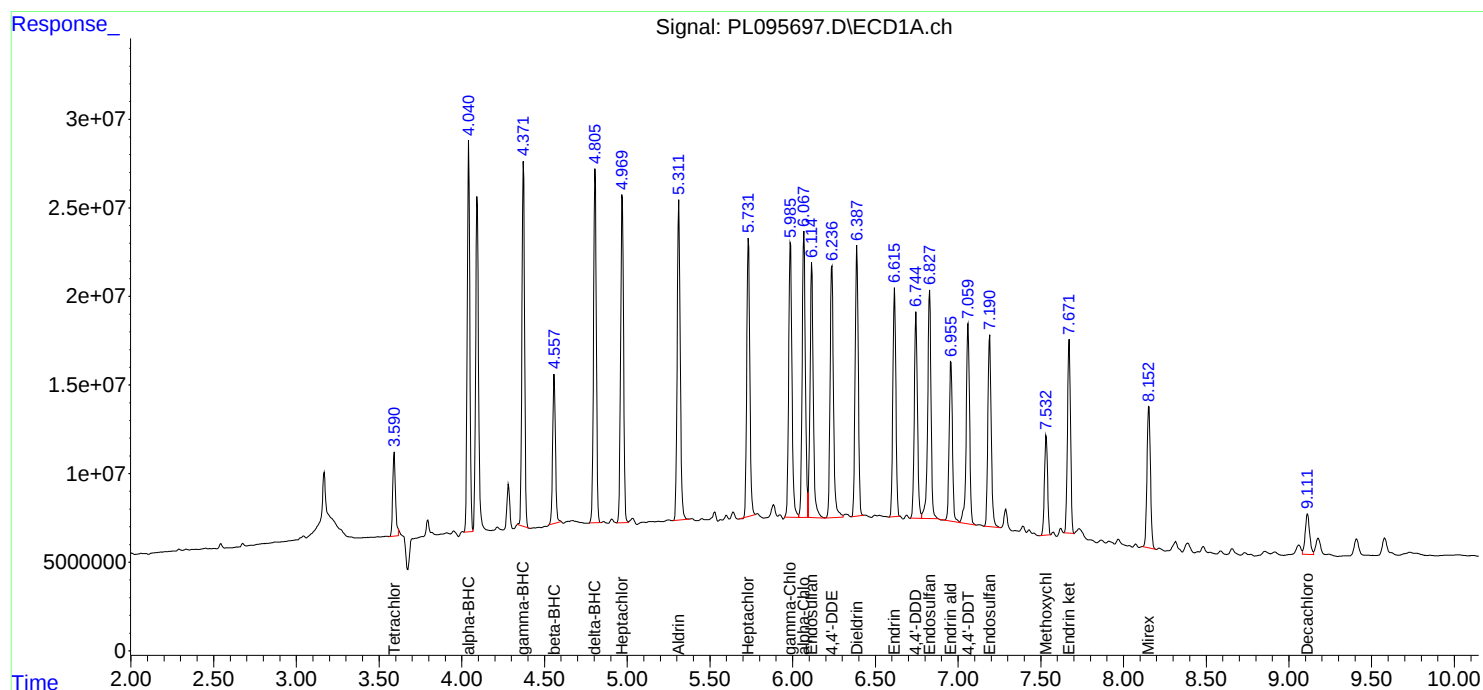
APPROVED

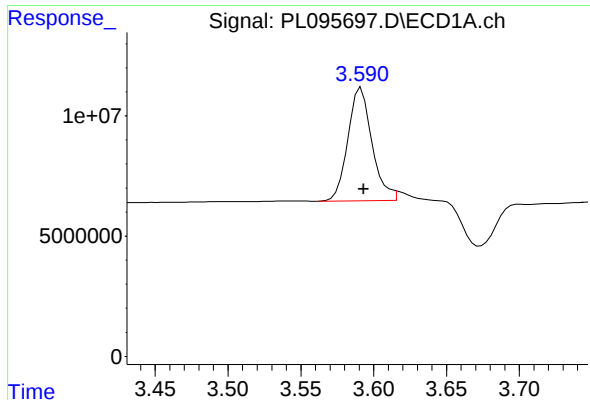
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:04:31 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





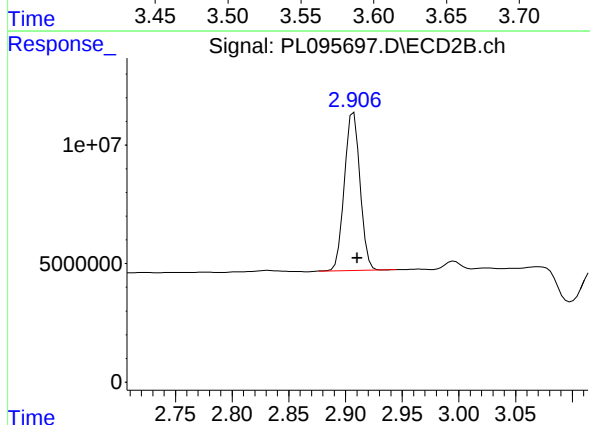
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.003 min
Response: 54540871
Conc: 13.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

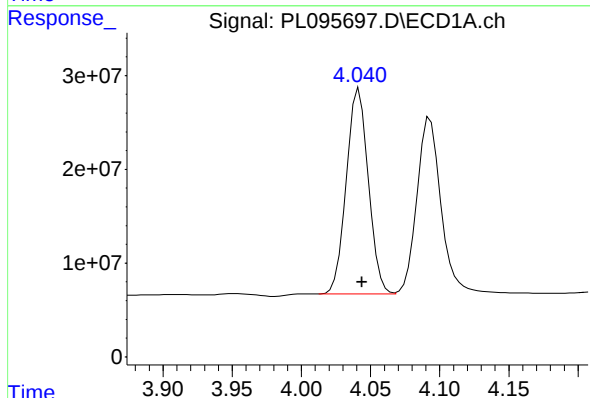
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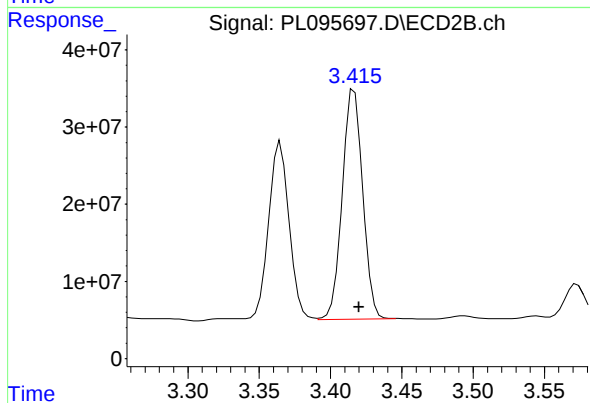
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: -0.003 min
Response: 64000654
Conc: 13.66 ng/ml



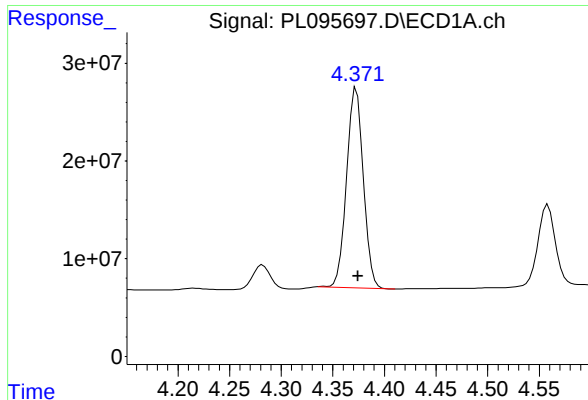
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 242753290
Conc: 41.49 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: -0.005 min
Response: 296650195
Conc: 41.48 ng/ml m



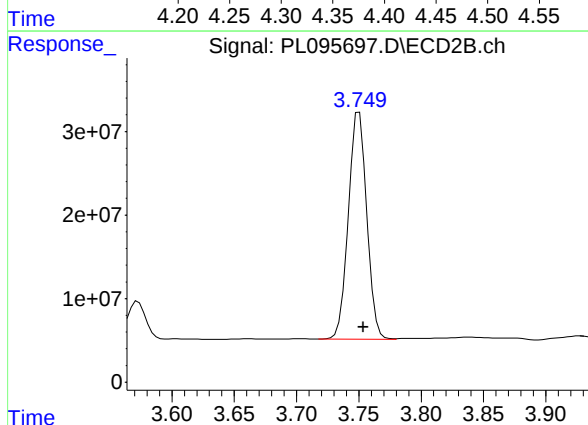
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.002 min
Response: 231077804
Conc: 41.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

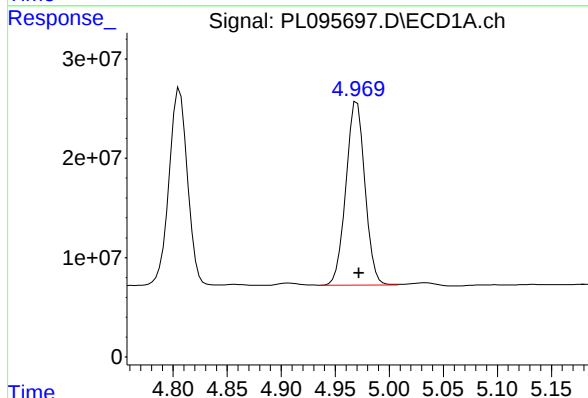
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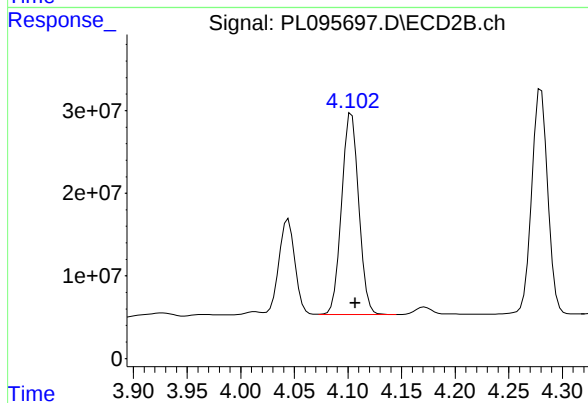
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 279105569
Conc: 41.33 ng/ml



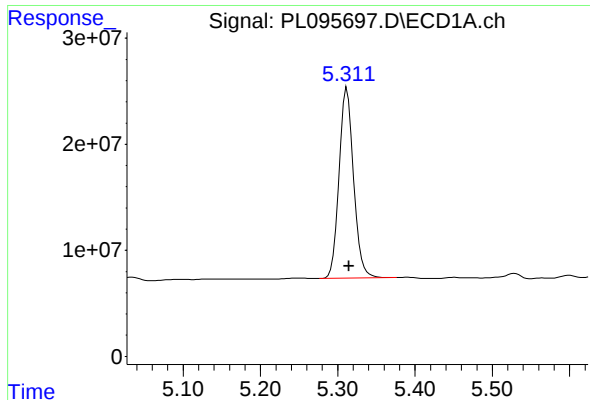
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 226210894
Conc: 41.54 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.004 min
Response: 270647131
Conc: 41.49 ng/ml



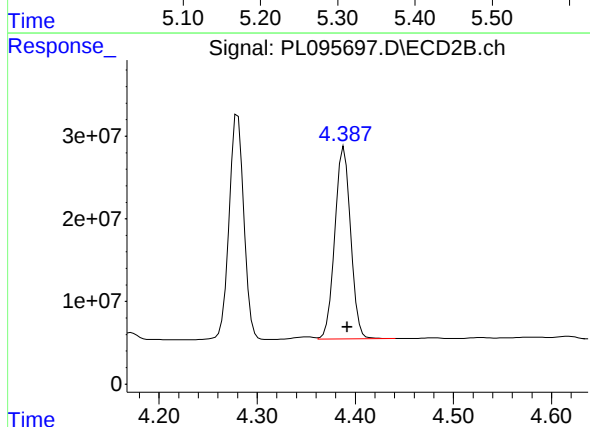
#5 Aldrin

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 233927776
Conc: 40.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

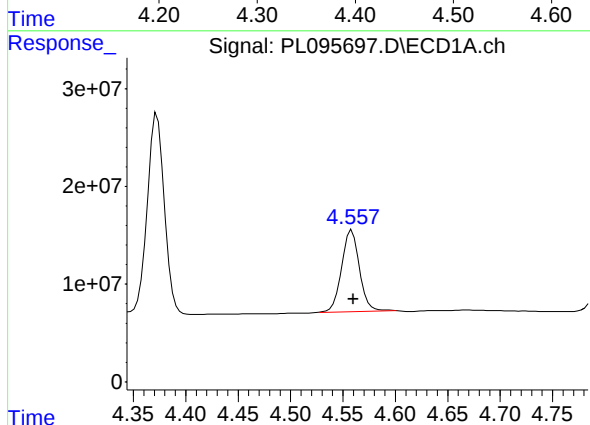
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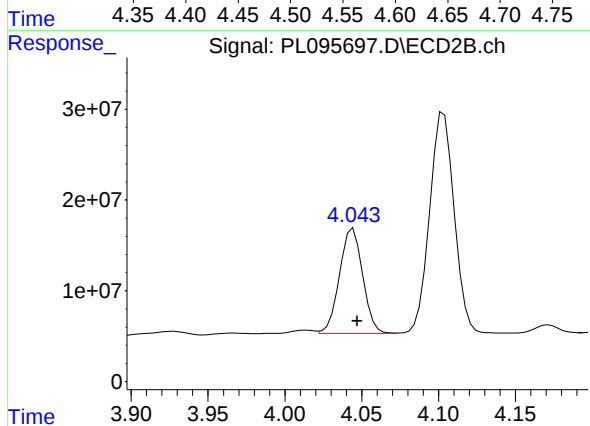
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.003 min
Response: 260400722
Conc: 40.83 ng/ml



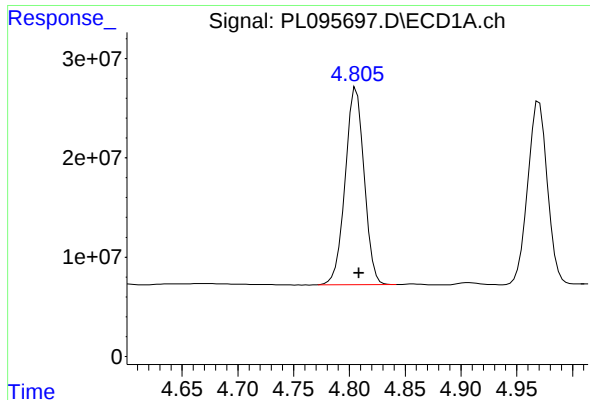
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 99106790
Conc: 40.47 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 120230597
Conc: 39.85 ng/ml



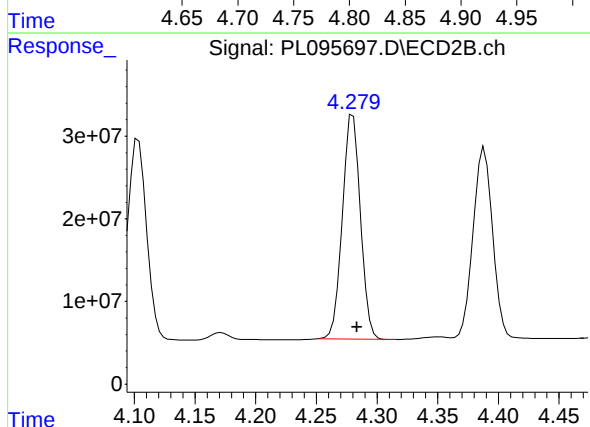
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 234359629
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

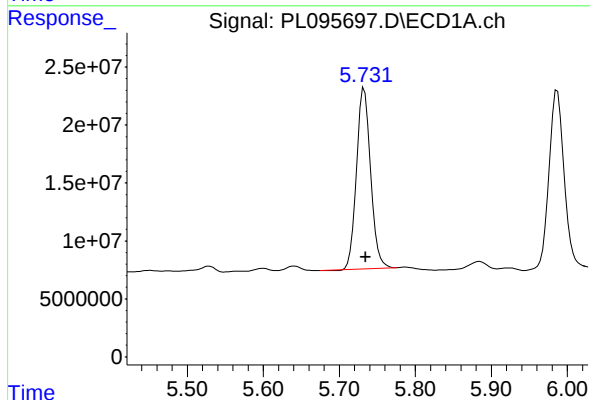
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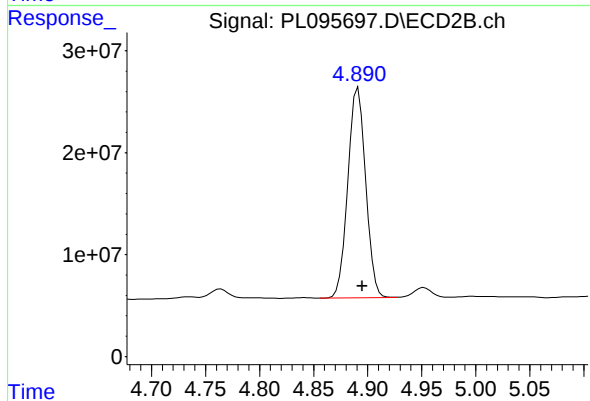
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 281630485
Conc: 41.37 ng/ml



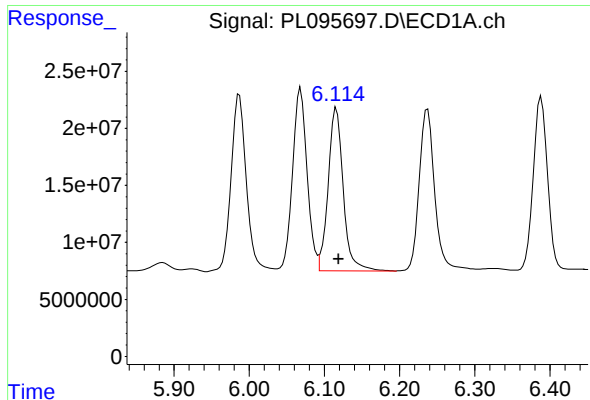
#8 Heptachlor epoxide

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 202257826
Conc: 39.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 237084305
Conc: 41.02 ng/ml



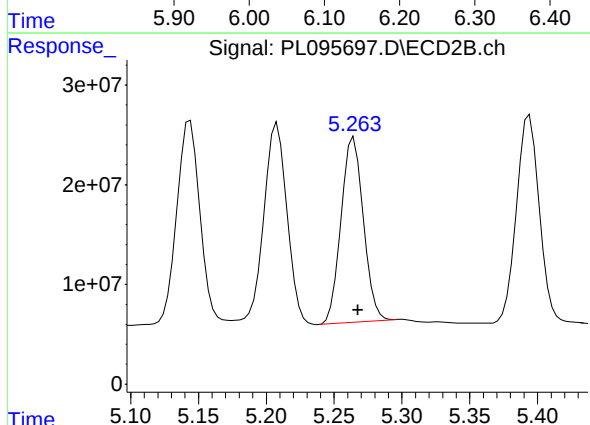
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 198993931
Conc: 40.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

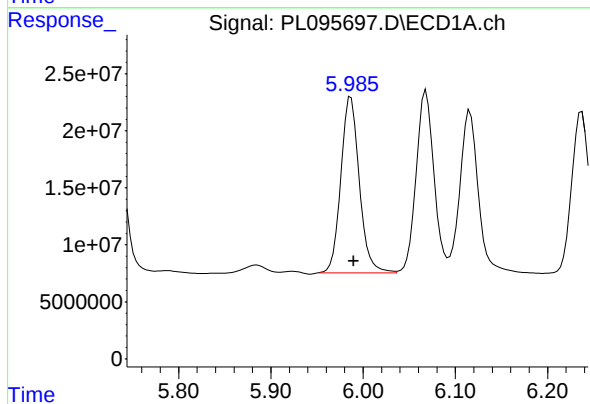
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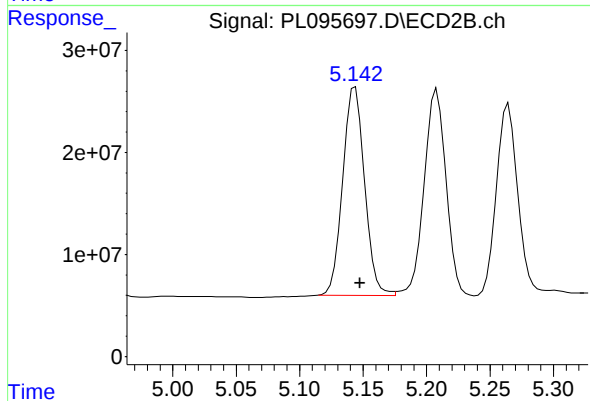
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 212031702
Conc: 41.00 ng/ml



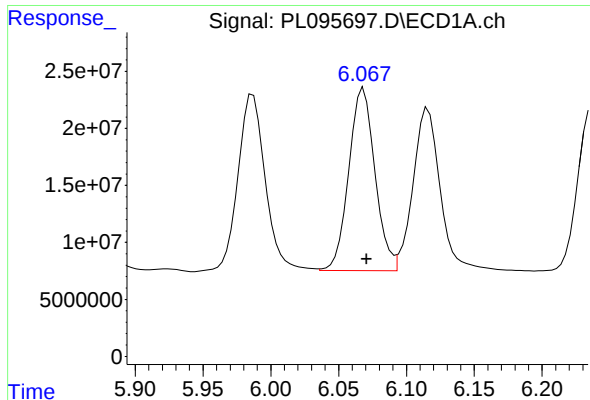
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 215005652
Conc: 40.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.004 min
Response: 244298497
Conc: 41.01 ng/ml



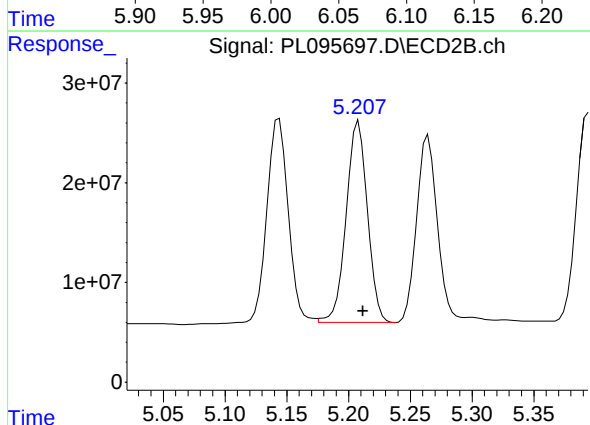
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 215188223
Conc: 41.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

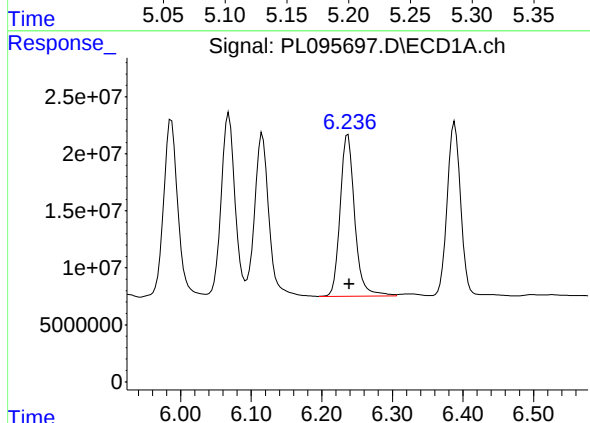
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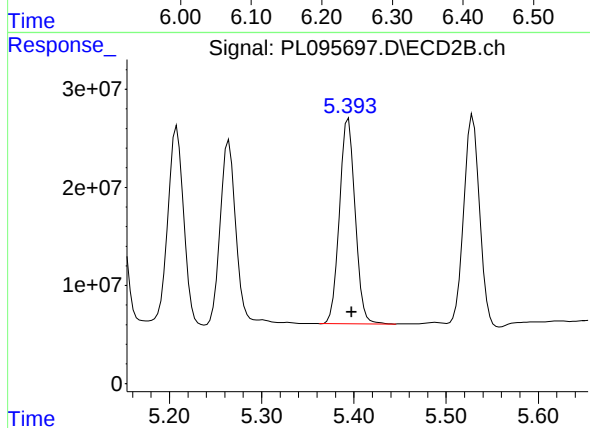
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.004 min
Response: 242579170
Conc: 41.10 ng/ml



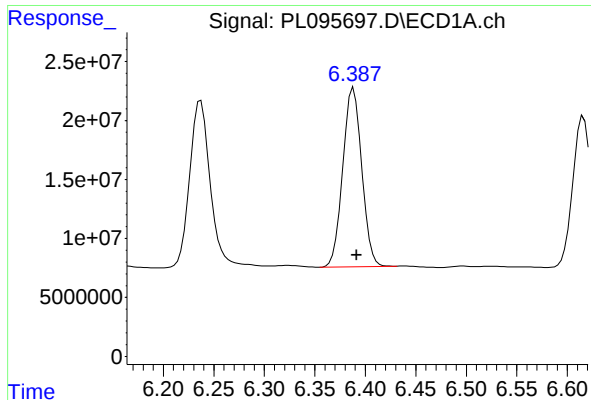
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 203329937
Conc: 39.72 ng/ml



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 246223430
Conc: 41.26 ng/ml



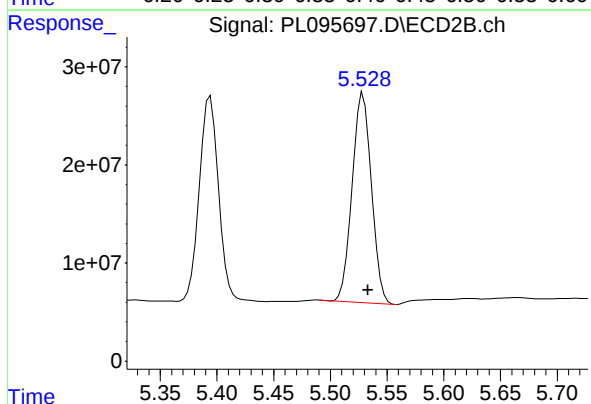
#13 Dieldrin

R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 198650724
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

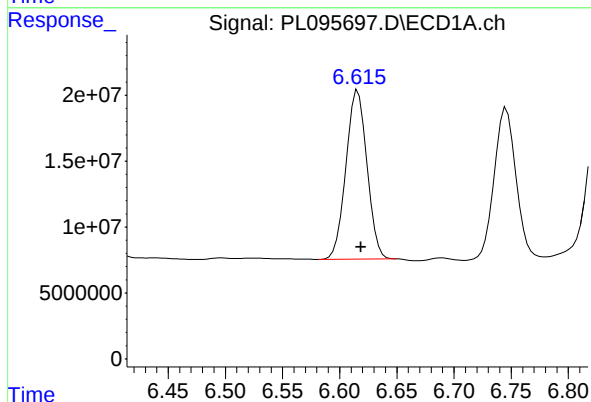
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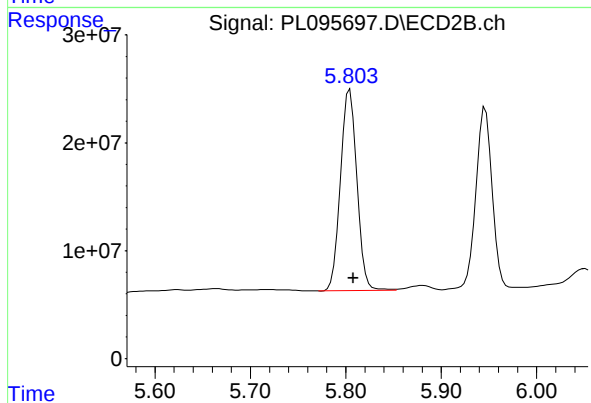
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 253280619
Conc: 41.17 ng/ml



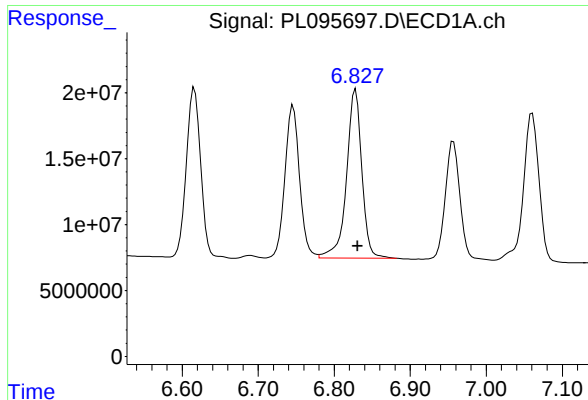
#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 164966386
Conc: 43.07 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 223370316
Conc: 41.93 ng/ml



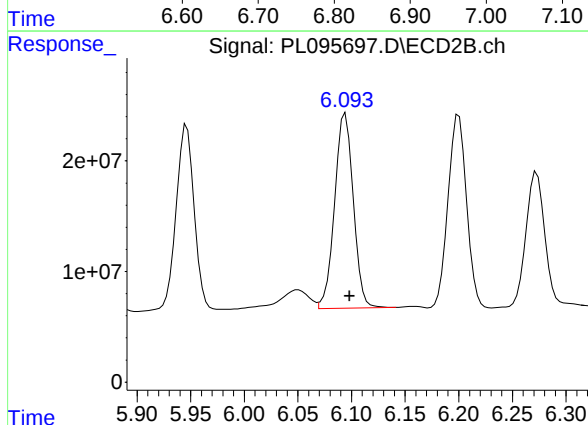
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 179717113
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

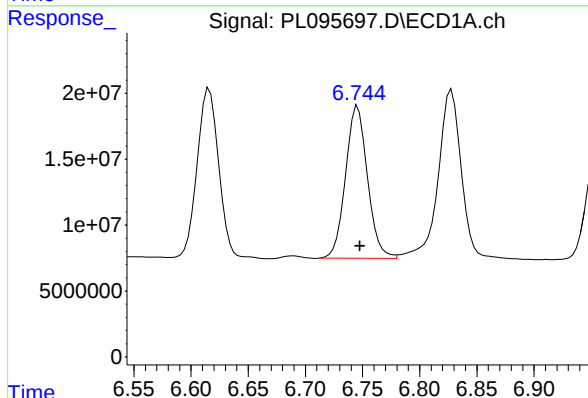
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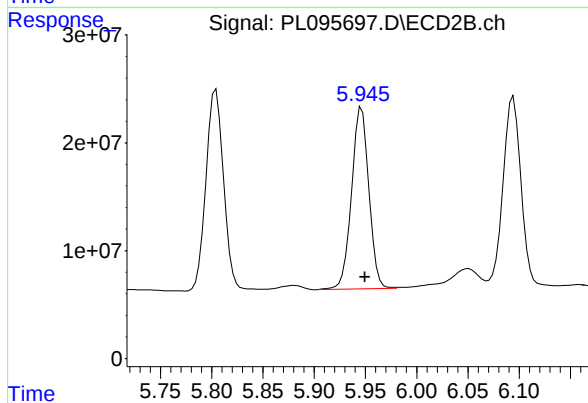
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 213735151
Conc: 39.03 ng/ml



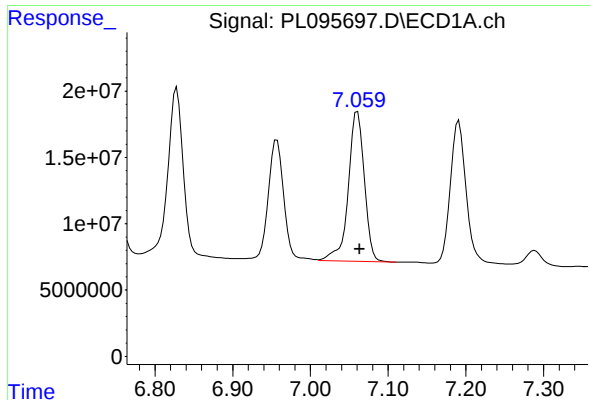
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 154927313
Conc: 39.87 ng/ml



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 197116005
Conc: 38.33 ng/ml



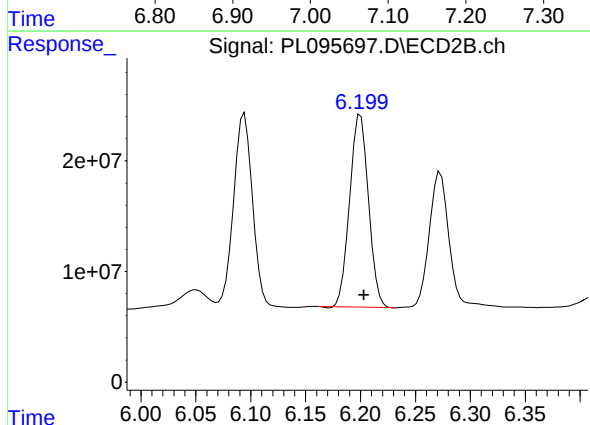
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.003 min
Response: 161039543
Conc: 44.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

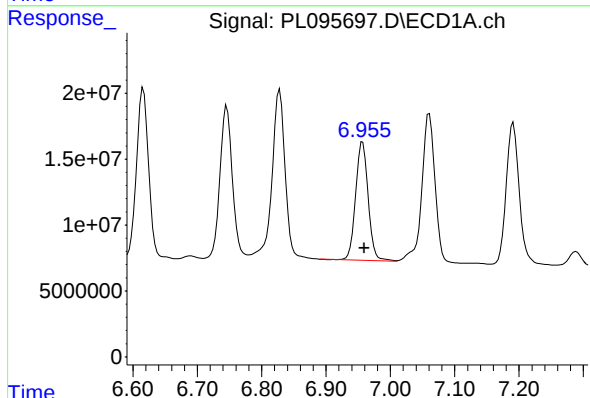
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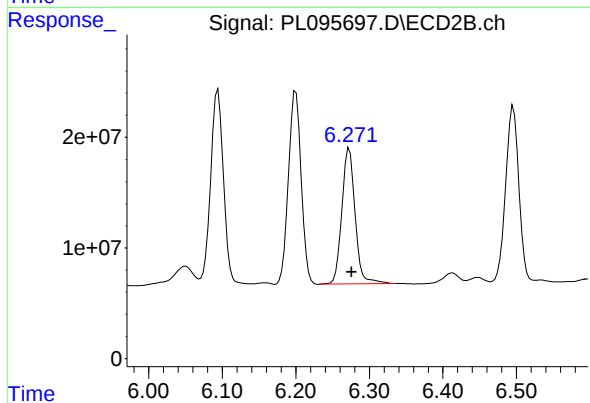
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 208137203
Conc: 41.47 ng/ml



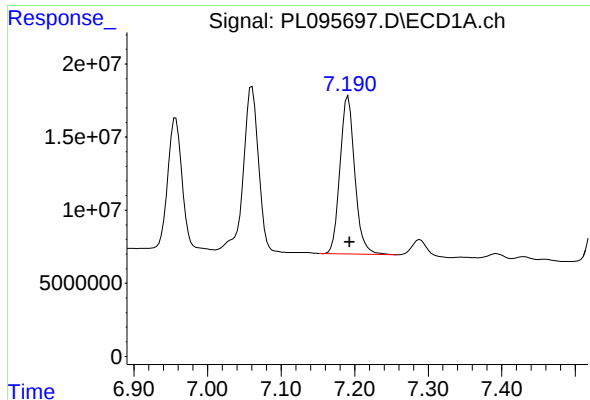
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 122322136
Conc: 41.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 153952739
Conc: 40.21 ng/ml



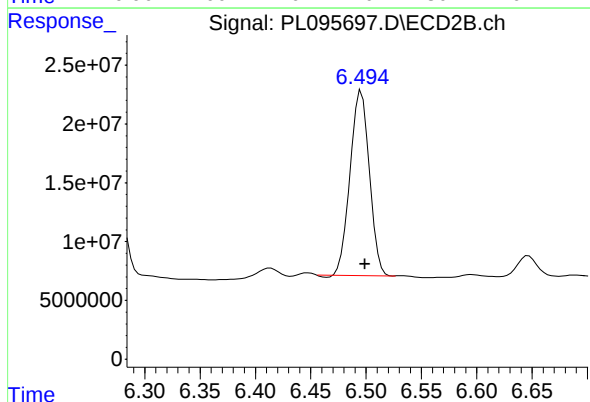
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 150561778
Conc: 41.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

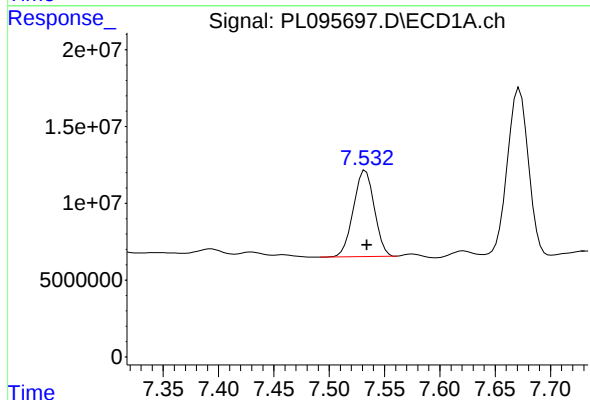
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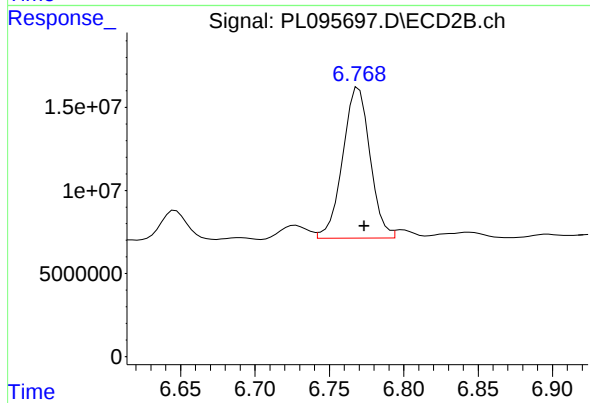
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 190419151
Conc: 38.30 ng/ml



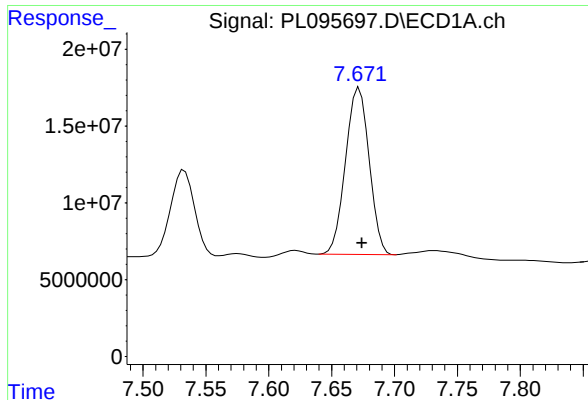
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 74092076
Conc: 43.94 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 117251668
Conc: 43.33 ng/ml m



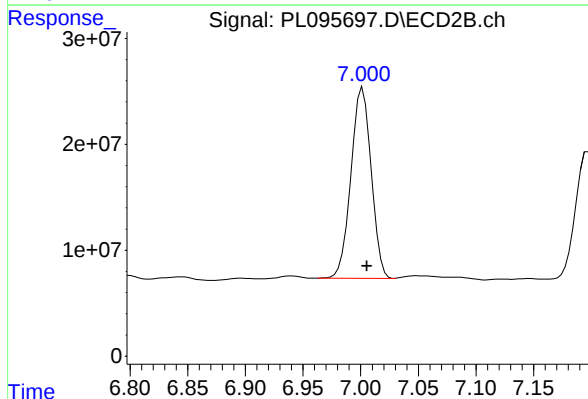
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 141539599
Conc: 37.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

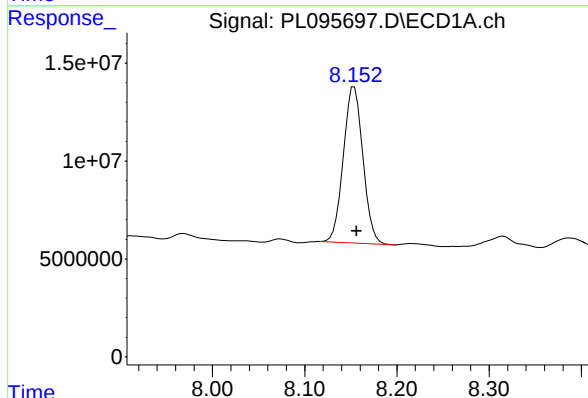
Manual Integrations
APPROVED

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



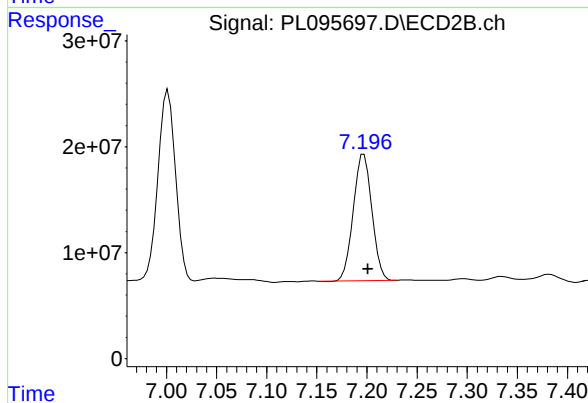
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 219402974
Conc: 37.34 ng/ml



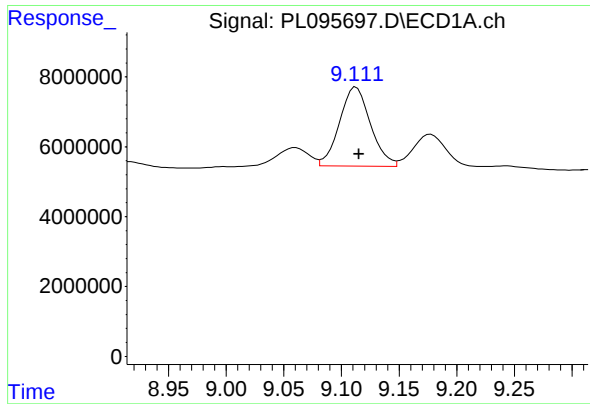
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 117398783
Conc: 38.56 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 154197149
Conc: 35.76 ng/ml



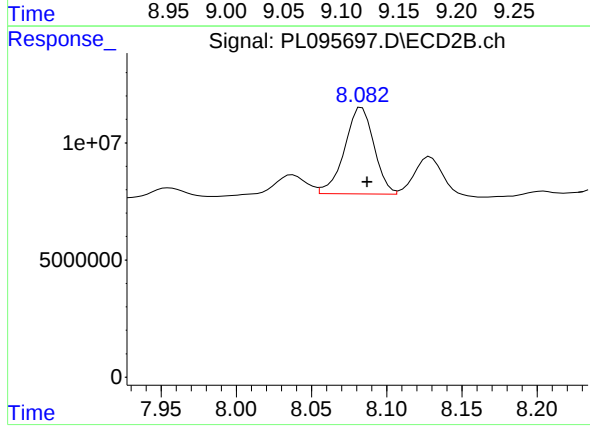
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.004 min
Response: 42209543
Conc: 12.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.005 min
Response: 50044277
Conc: 12.13 ng/ml m