

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 16:56
 Operator : AR\AJ
 Sample : Q2034-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 L3-WC-2MS

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 04:04:19 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	2.906	54971850	62768765	13.454m	13.400
2) SA Decachlor...	9.111	8.081	39991378	50038695	11.788m	12.131m
Target Compounds						
2) A alpha-BHC	4.042	3.415	243.6E6	288.4E6	41.635	40.334m
3) MA gamma-BHC...	4.373	3.749	231.0E6	272.3E6	41.506	40.321
4) MA Heptachlor	4.970	4.103	223.4E6	263.1E6	41.029	40.339
5) MB Aldrin	5.313	4.388	235.7E6	252.6E6	41.043	39.604
6) B beta-BHC	4.558	4.043	99464617	116.8E6	40.613	38.720
7) B delta-BHC	4.807	4.280	232.3E6	275.2E6	42.750	40.434
8) B Heptachlo...	5.733	4.890	202.0E6	231.0E6	38.980	39.971
9) A Endosulfan I	6.117	5.264	199.9E6	206.9E6	40.842	40.011
10) B gamma-Chl...	5.987	5.143	215.8E6	237.1E6	40.290	39.808
11) B alpha-Chl...	6.069	5.208	216.0E6	235.3E6	41.549	39.867
12) B 4,4'-DDE	6.237	5.393	202.1E6	240.8E6	39.475	40.354
13) MA Dieldrin	6.389	5.529	197.1E6	248.1E6	39.994	40.318
14) MA Endrin	6.616	5.804	163.7E6	215.1E6	42.729	40.370
15) B Endosulfa...	6.829	6.094	182.0E6	208.5E6	43.673	38.064
16) A 4,4'-DDD	6.746	5.946	155.3E6	189.6E6	39.974	36.874
17) MA 4,4'-DDT	7.061	6.200	160.3E6	202.4E6	44.545	40.334
18) B Endrin al...	6.958	6.272	118.7E6	150.5E6	40.433	39.295
19) B Endosulfa...	7.191	6.495	151.3E6	183.4E6	41.224	36.894
20) A Methoxychlor	7.532	6.769	71924846	100.4E6	42.659	37.093
21) B Endrin ke...	7.672	7.001	144.9E6	210.1E6	38.666	35.750
22) Mirex	8.154	7.196	121.9E6	152.0E6	40.030	35.242

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
Data File : PL095696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 16:56
Operator : AR\AJ
Sample : Q2034-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

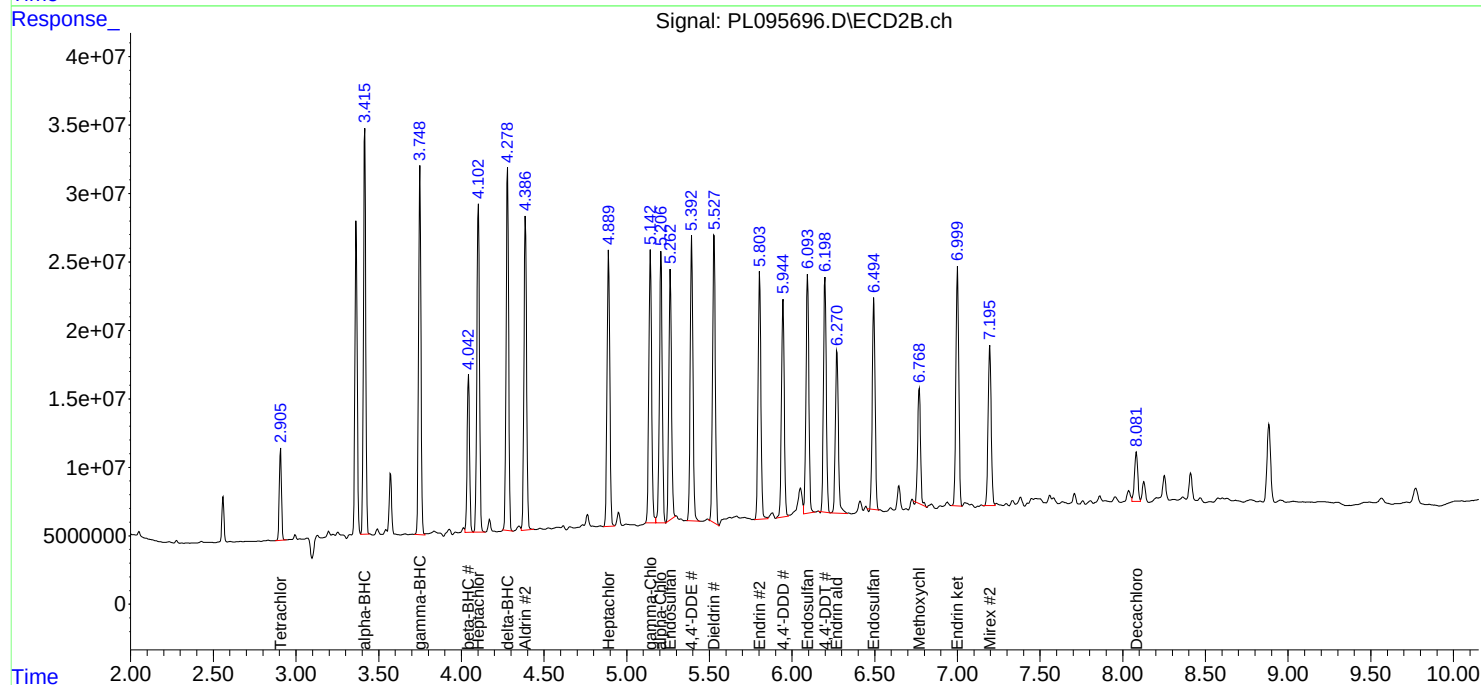
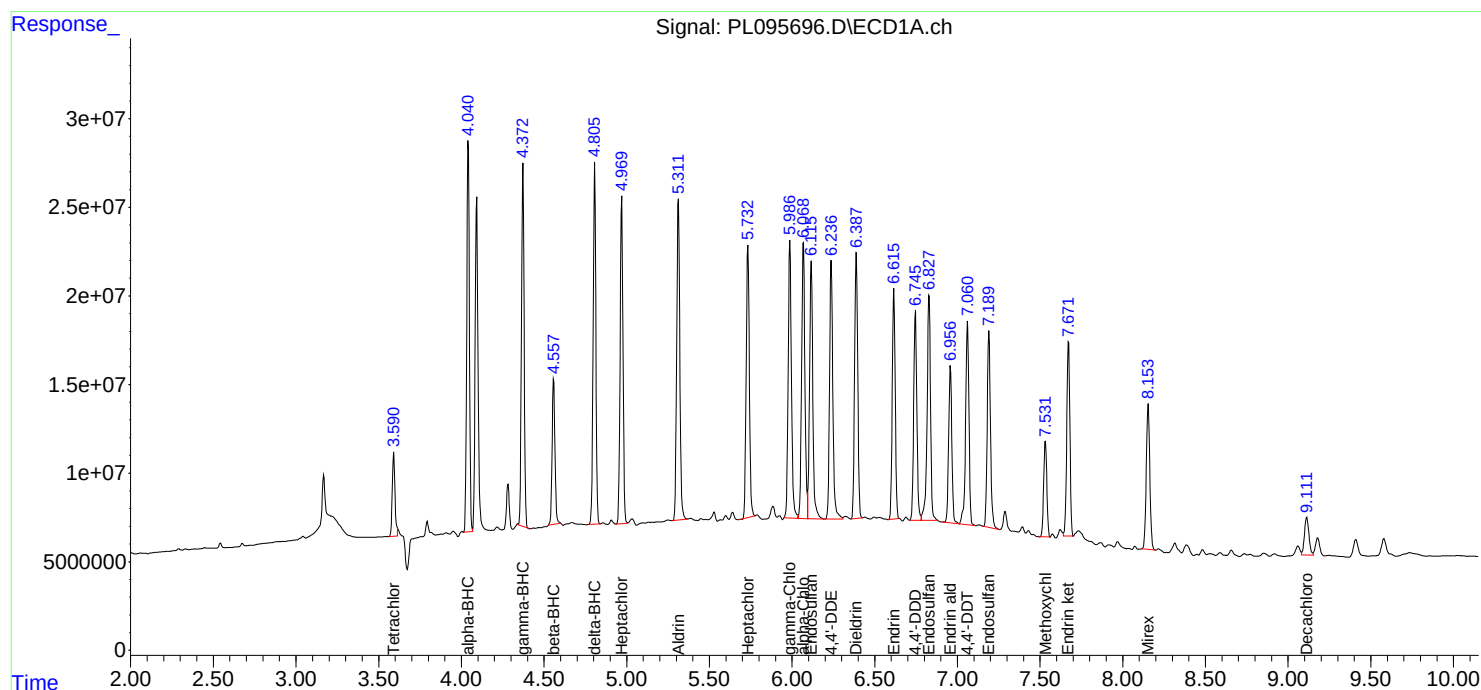
Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

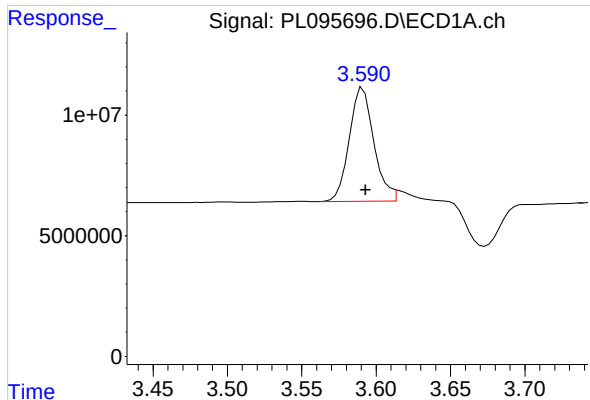
Manual Integrations
APPROVED

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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 04:04:19 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





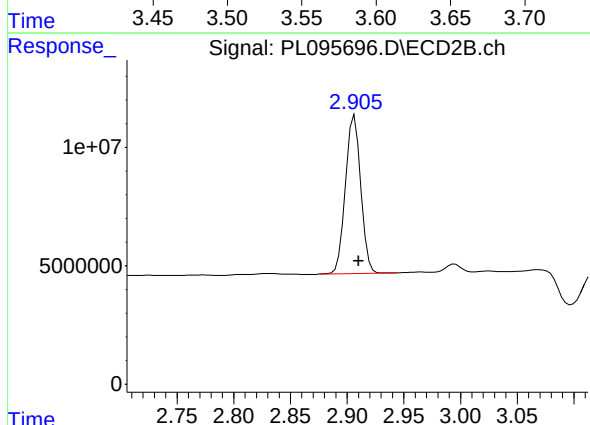
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.003 min
Response: 54971850
Conc: 13.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

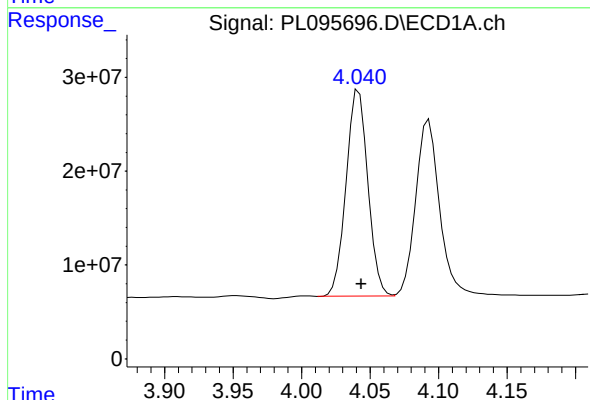
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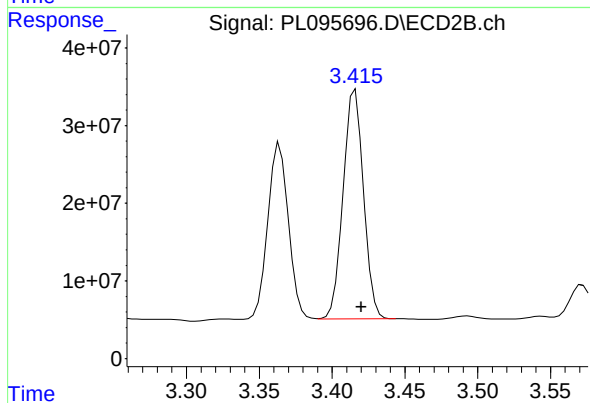
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: -0.004 min
Response: 62768765
Conc: 13.40 ng/ml



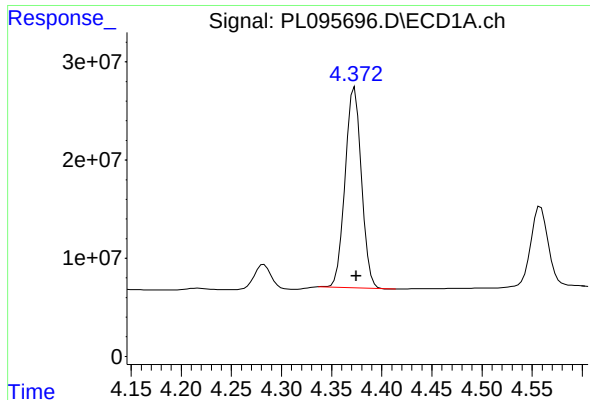
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 243613800
Conc: 41.64 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: -0.006 min
Response: 288442405
Conc: 40.33 ng/ml m



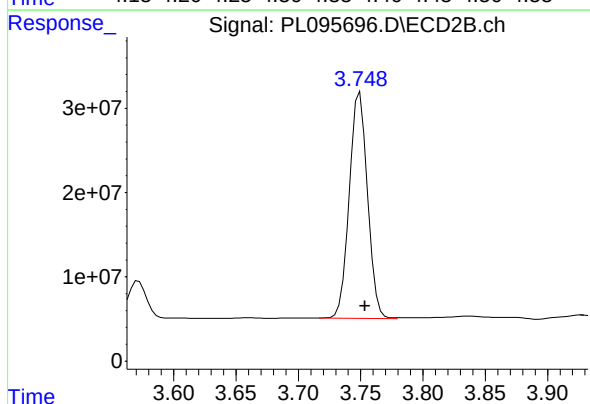
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.002 min
Response: 231027297
Conc: 41.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

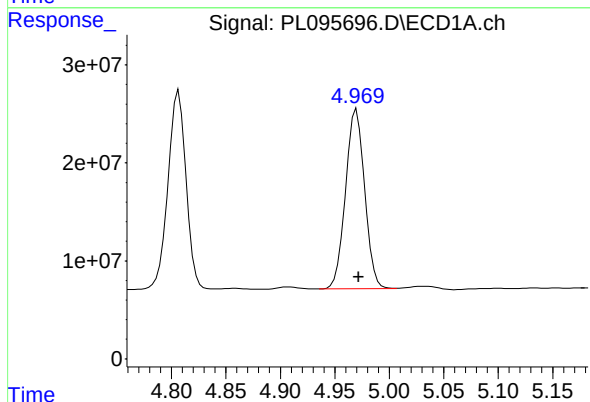
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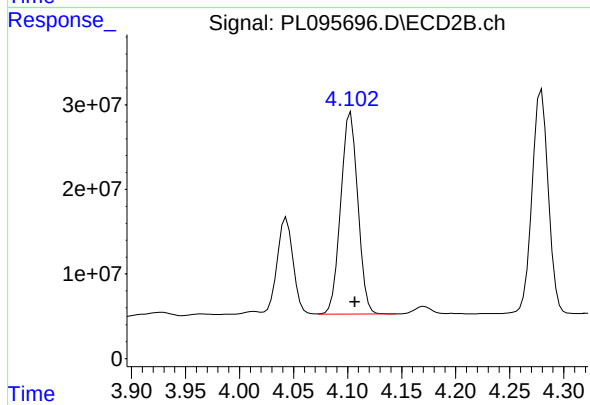
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: -0.004 min
Response: 272270073
Conc: 40.32 ng/ml



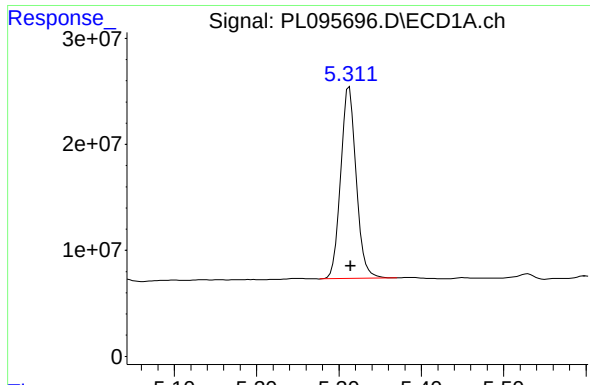
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 223437251
Conc: 41.03 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.004 min
Response: 263149158
Conc: 40.34 ng/ml



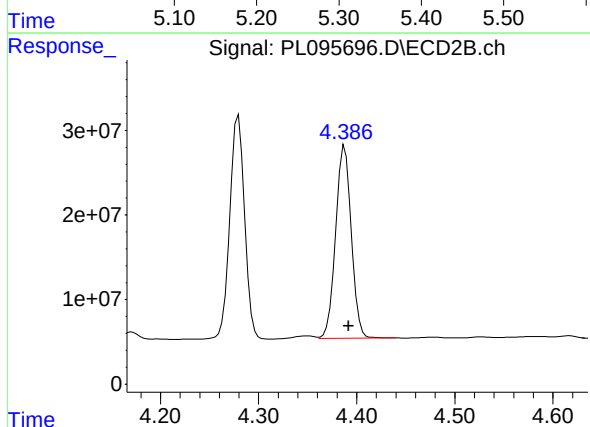
#5 Aldrin

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 235736206
Conc: 41.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

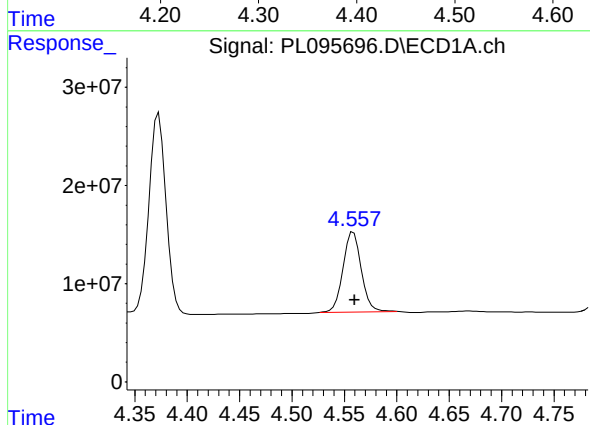
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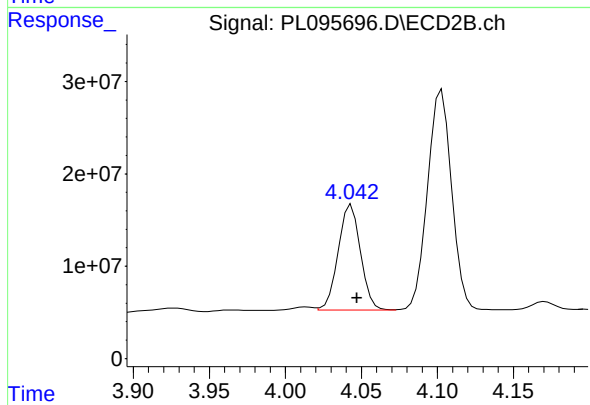
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.004 min
Response: 252592594
Conc: 39.60 ng/ml



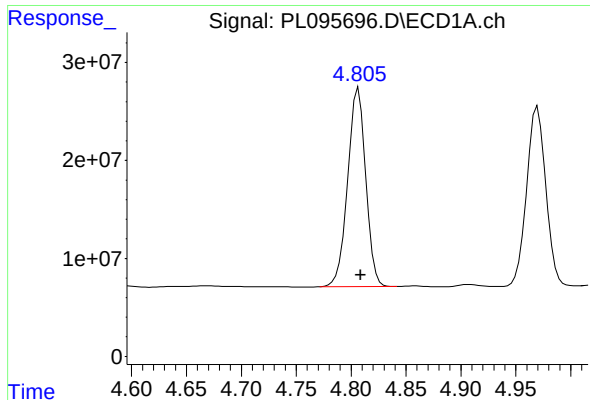
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 99464617
Conc: 40.61 ng/ml



#6 beta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 116821963
Conc: 38.72 ng/ml



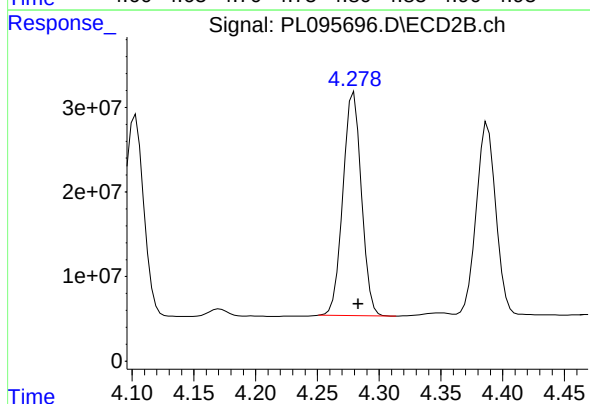
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 232253198
Conc: 42.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

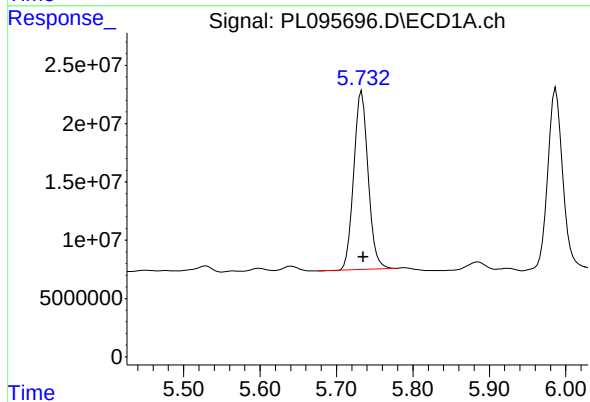
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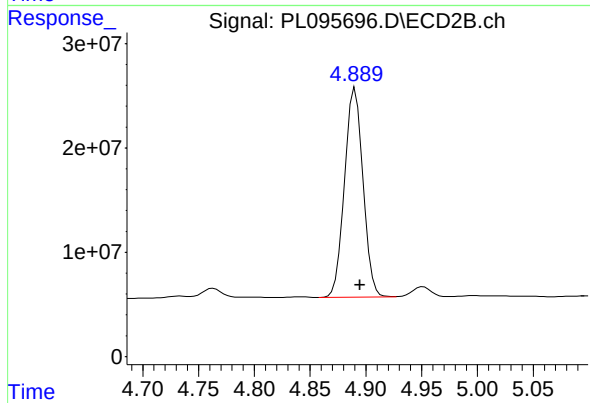
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 275227068
Conc: 40.43 ng/ml



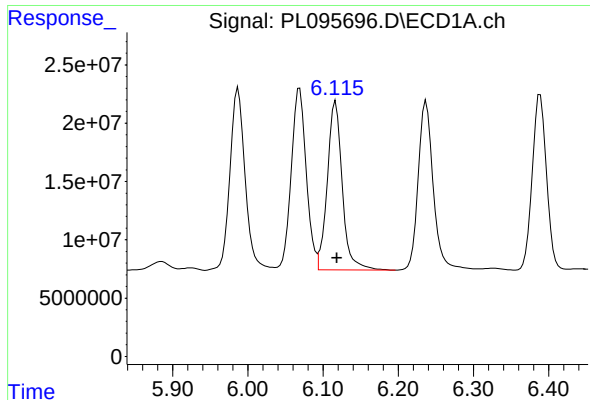
#8 Heptachlor epoxide

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 201994322
Conc: 38.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 231008563
Conc: 39.97 ng/ml



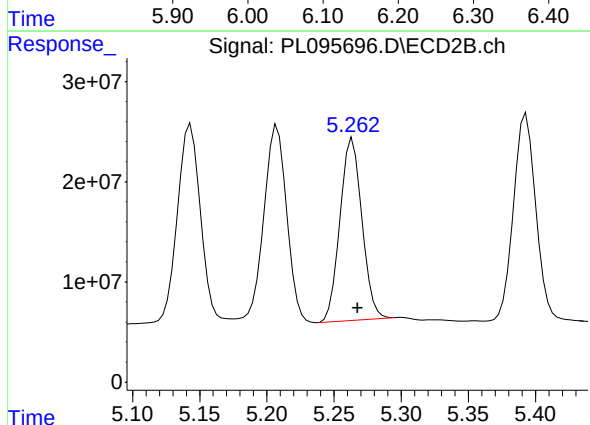
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.002 min
Response: 199940196
Conc: 40.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

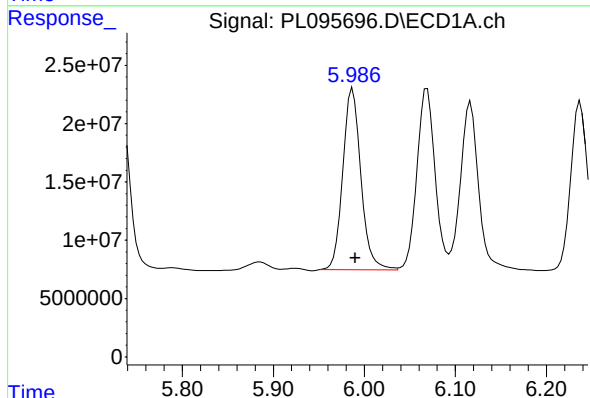
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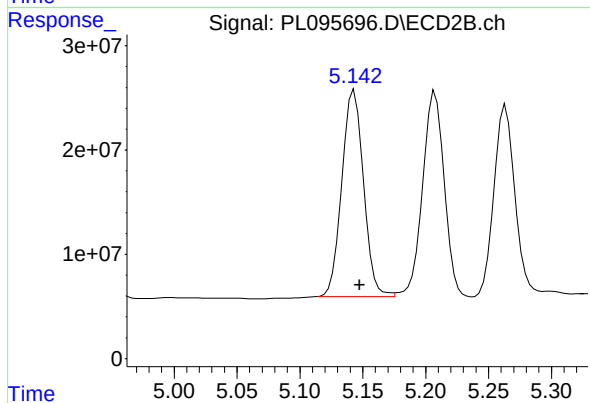
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.004 min
Response: 206935441
Conc: 40.01 ng/ml



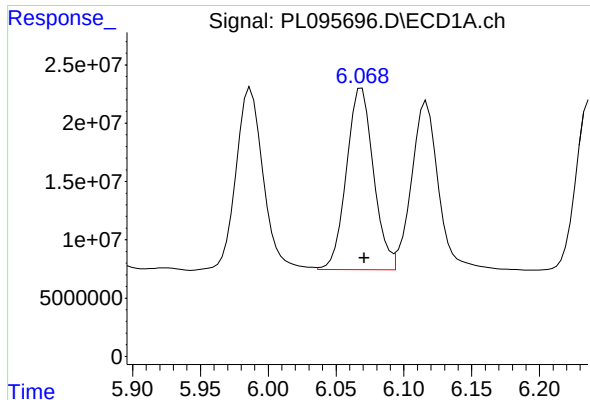
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 215762713
Conc: 40.29 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 237112793
Conc: 39.81 ng/ml



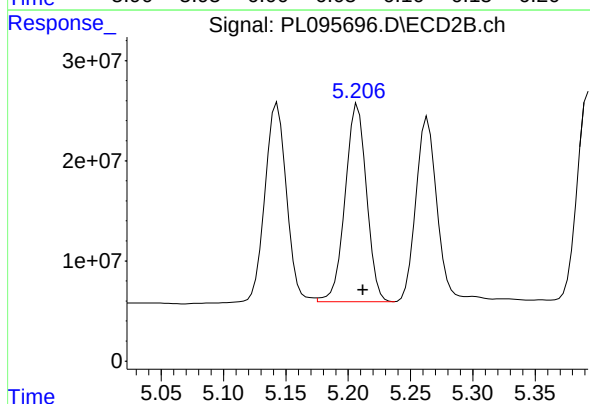
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 215960160
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

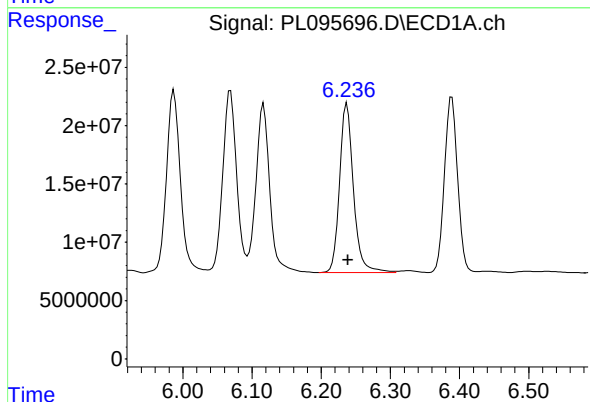
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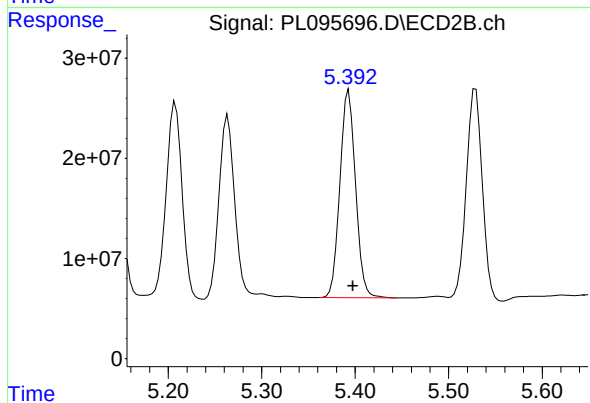
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.004 min
Response: 235300533
Conc: 39.87 ng/ml



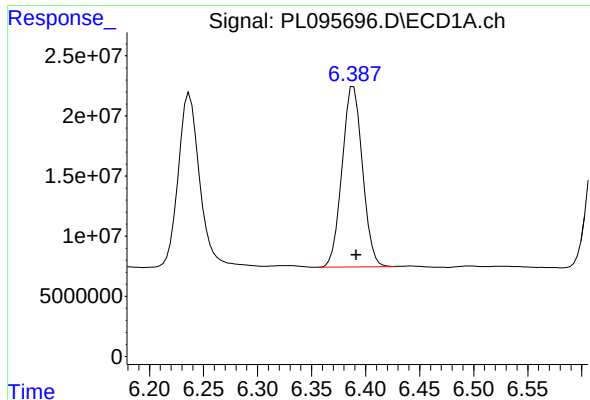
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 202064466
Conc: 39.47 ng/ml



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 240823299
Conc: 40.35 ng/ml



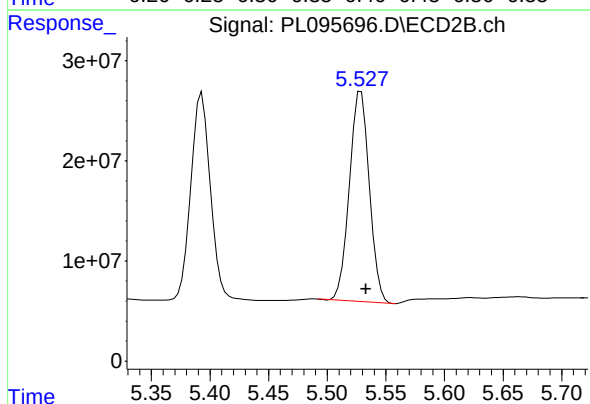
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 197092215
Conc: 39.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

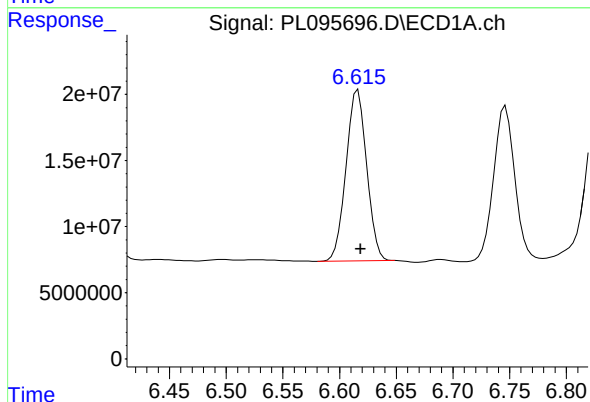
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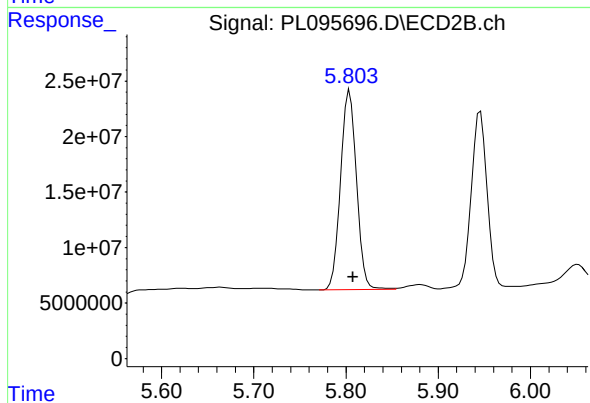
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 248063428
Conc: 40.32 ng/ml



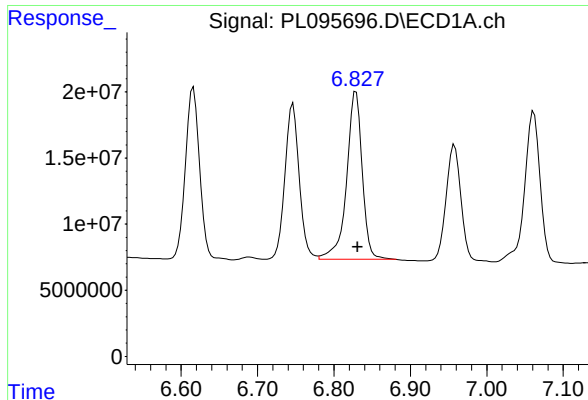
#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 163675263
Conc: 42.73 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 215075964
Conc: 40.37 ng/ml



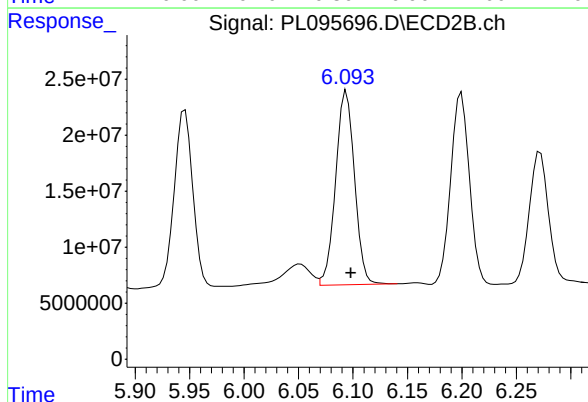
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.002 min
Response: 182031130
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

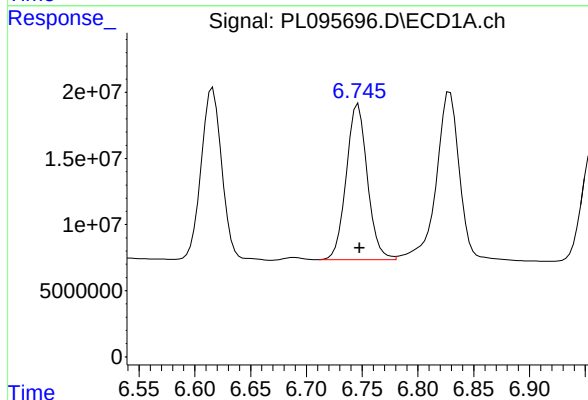
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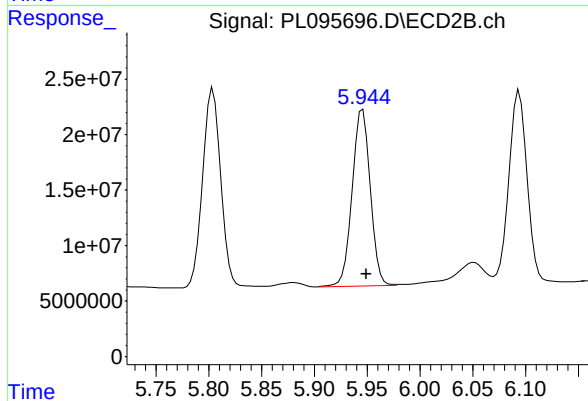
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 208453916
Conc: 38.06 ng/ml



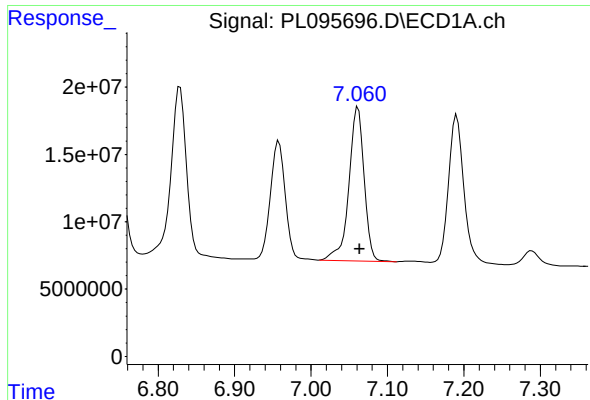
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 155325889
Conc: 39.97 ng/ml



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: -0.004 min
Response: 189632024
Conc: 36.87 ng/ml



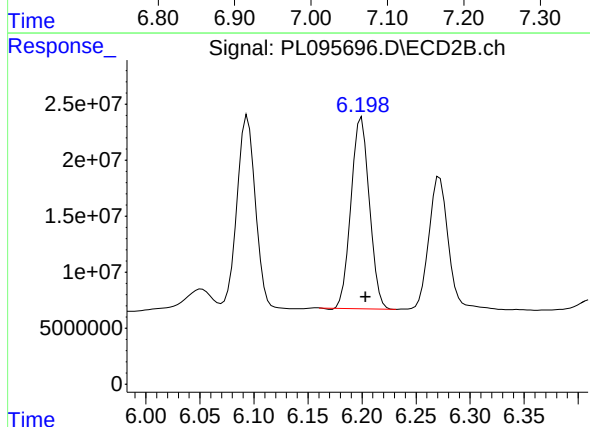
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 160266107
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

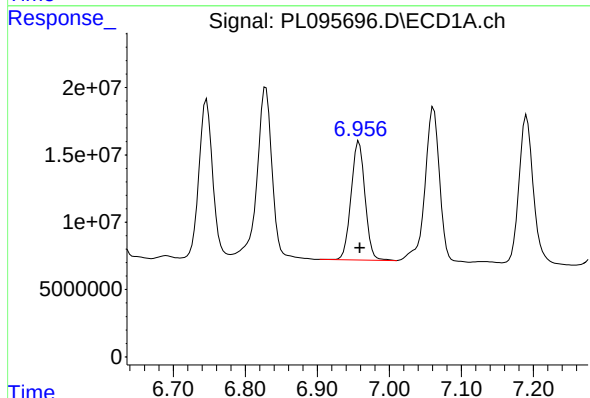
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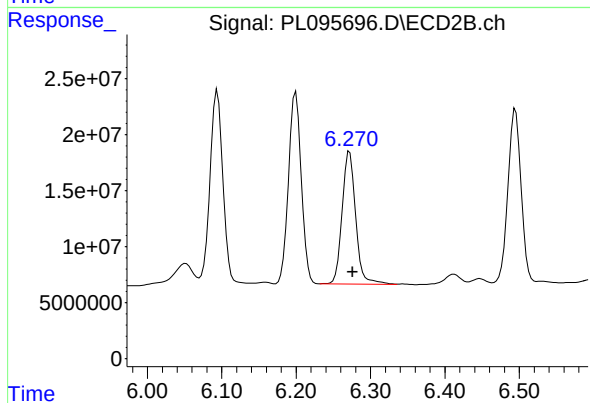
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 202428048
Conc: 40.33 ng/ml



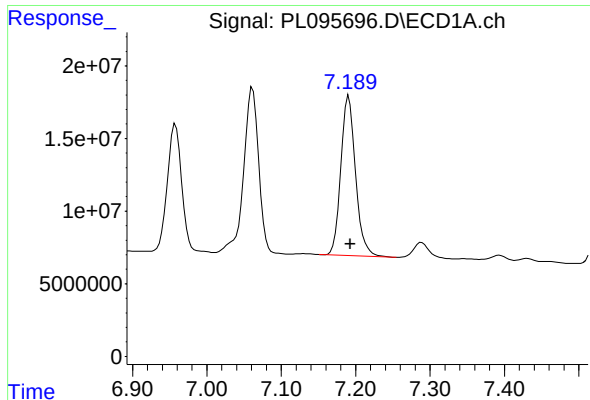
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 118705377
Conc: 40.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 150453244
Conc: 39.30 ng/ml



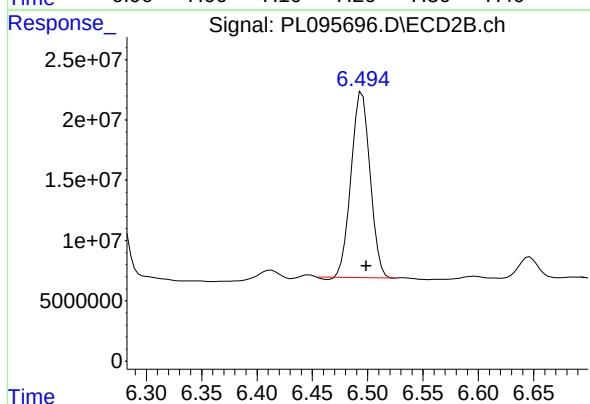
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 151307568
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

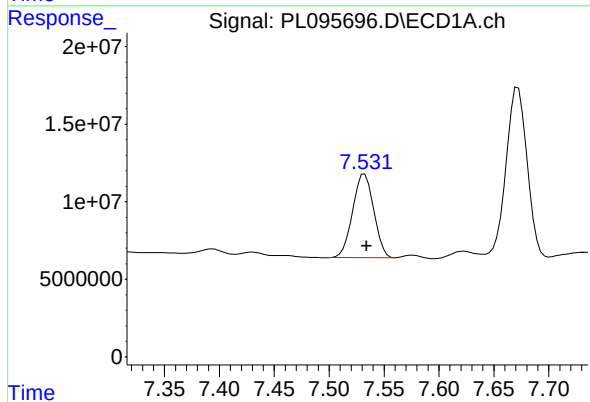
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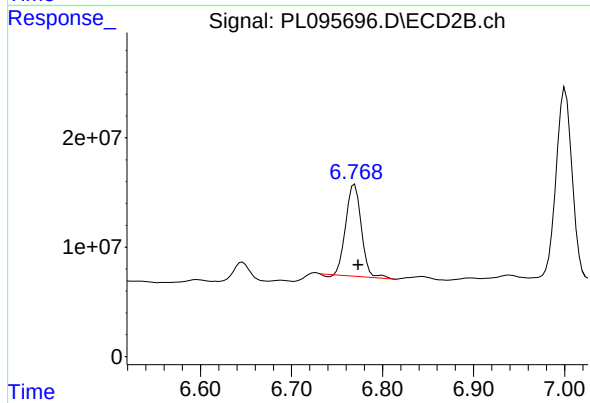
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 183430958
Conc: 36.89 ng/ml



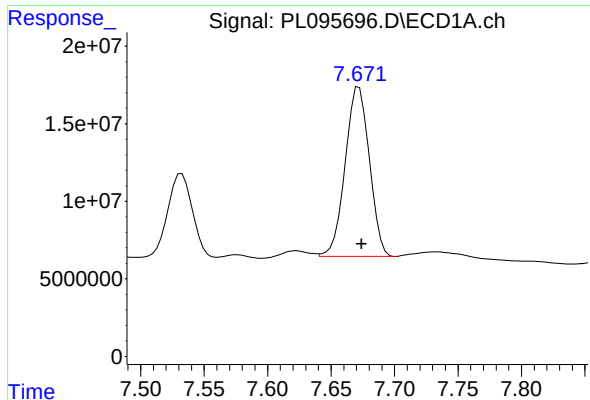
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 71924846
Conc: 42.66 ng/ml



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 100368127
Conc: 37.09 ng/ml



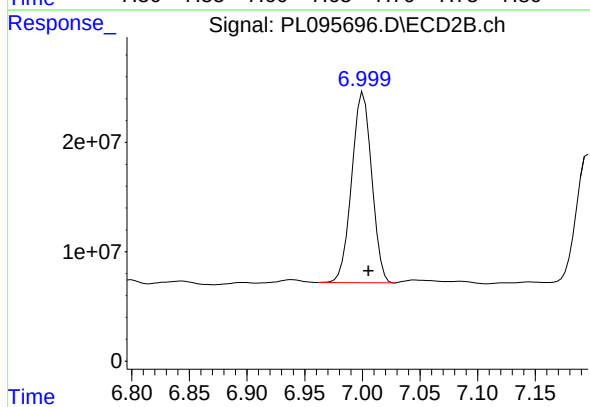
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 144856061
Conc: 38.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

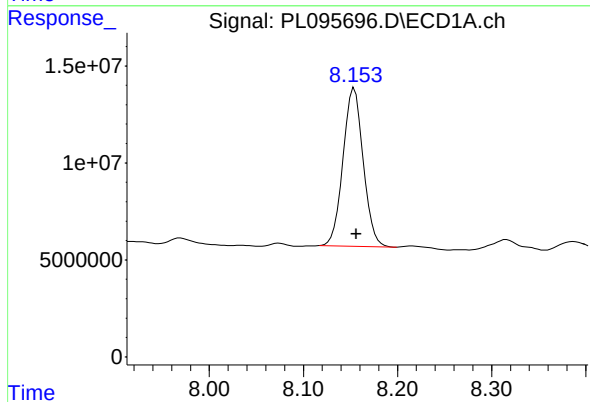
Manual Integrations
APPROVED

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



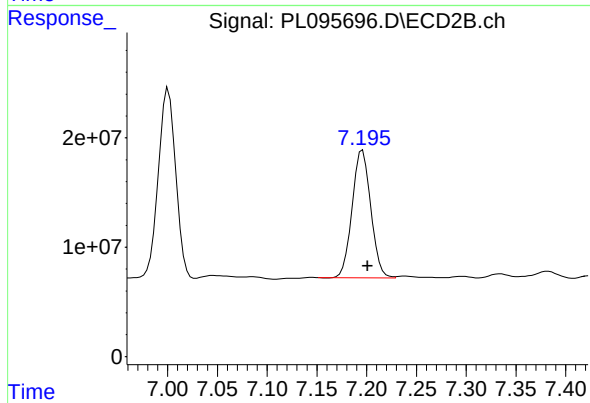
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 210086515
Conc: 35.75 ng/ml



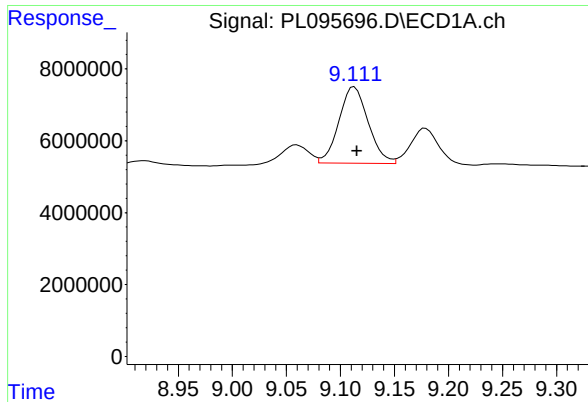
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 121877709
Conc: 40.03 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.005 min
Response: 151955600
Conc: 35.24 ng/ml



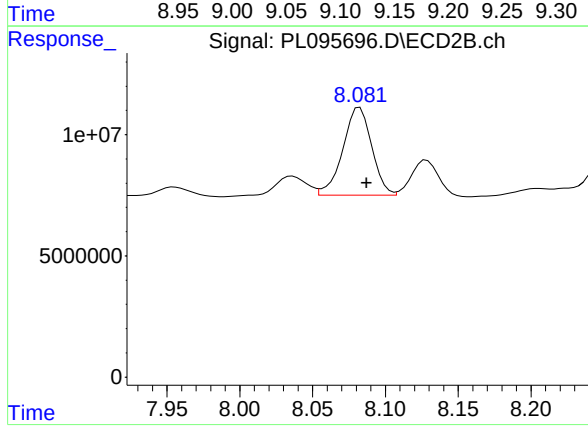
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.004 min
Response: 39991378
Conc: 11.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
L3-WC-2MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.006 min
Response: 50038695
Conc: 12.13 ng/ml m