

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
 Data File : PL095614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2025 17:22
 Operator : AR\AJ
 Sample : Q1983-31MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-636-COMP-06MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/12/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 23:15:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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	2.907	51759537	66021711	15.854	20.763 #
28) SA Decachlor...	9.118	8.085	42778594	56149326	15.439	18.974
Target Compounds						
2) A alpha-BHC	4.044	3.417	223.5E6	300.3E6	45.111	67.496 #
3) MA gamma-BHC...	4.374	3.750	216.7E6	284.2E6	45.775m	64.608 #
4) MA Heptachlor	4.973	4.104	216.3E6	282.2E6	47.289	64.780 #
5) MB Aldrin	5.315	4.389	238.6E6	276.3E6	51.944	67.122 #
6) B beta-BHC	4.561	4.044	95699766	124.5E6	46.287	59.961 #
7) B delta-BHC	4.808	4.280	218.5E6	292.6E6	46.991m	66.768 #
8) B Heptachlo...	5.736	4.891	204.0E6	252.7E6	50.925	65.434 #
9) A Endosulfan I	6.119	5.265	192.4E6	237.9E6	50.659	64.984 #
10) B gamma-Chl...	5.990	5.144	216.2E6	283.8E6	52.996	70.028 #
11) B alpha-Chl...	6.071	5.208	223.3E6	274.0E6	54.928	68.817 #
12) B 4,4'-DDE	6.239	5.395	205.1E6	260.7E6	52.326	64.114
13) MA Dieldrin	6.392	5.529	195.1E6	273.3E6	50.607	67.210 #
14) MA Endrin	6.619	5.805	168.5E6	240.8E6	52.922	66.150
15) B Endosulfa...	6.831	6.095	166.3E6	237.3E6	52.082	66.080 #
16) A 4,4'-DDD	6.749	5.947	154.4E6	217.6E6	54.542	66.618
17) MA 4,4'-DDT	7.065	6.201	150.0E6	227.8E6	52.663	66.286 #
18) B Endrin al...	6.960	6.273	122.6E6	168.7E6	52.807	64.571
19) B Endosulfa...	7.194	6.495	146.2E6	209.2E6	52.184	63.062m
20) A Methoxychlor	7.535	6.771	71009354	124.4E6	50.898	65.241 #
21) B Endrin ke...	7.675	7.003	143.8E6	243.3E6	50.442	69.084 #
22) Mirex	8.158	7.196	117.3E6	177.8E6	49.377	61.668m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
Data File : PL095614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2025 17:22
Operator : AR\AJ
Sample : Q1983-31MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

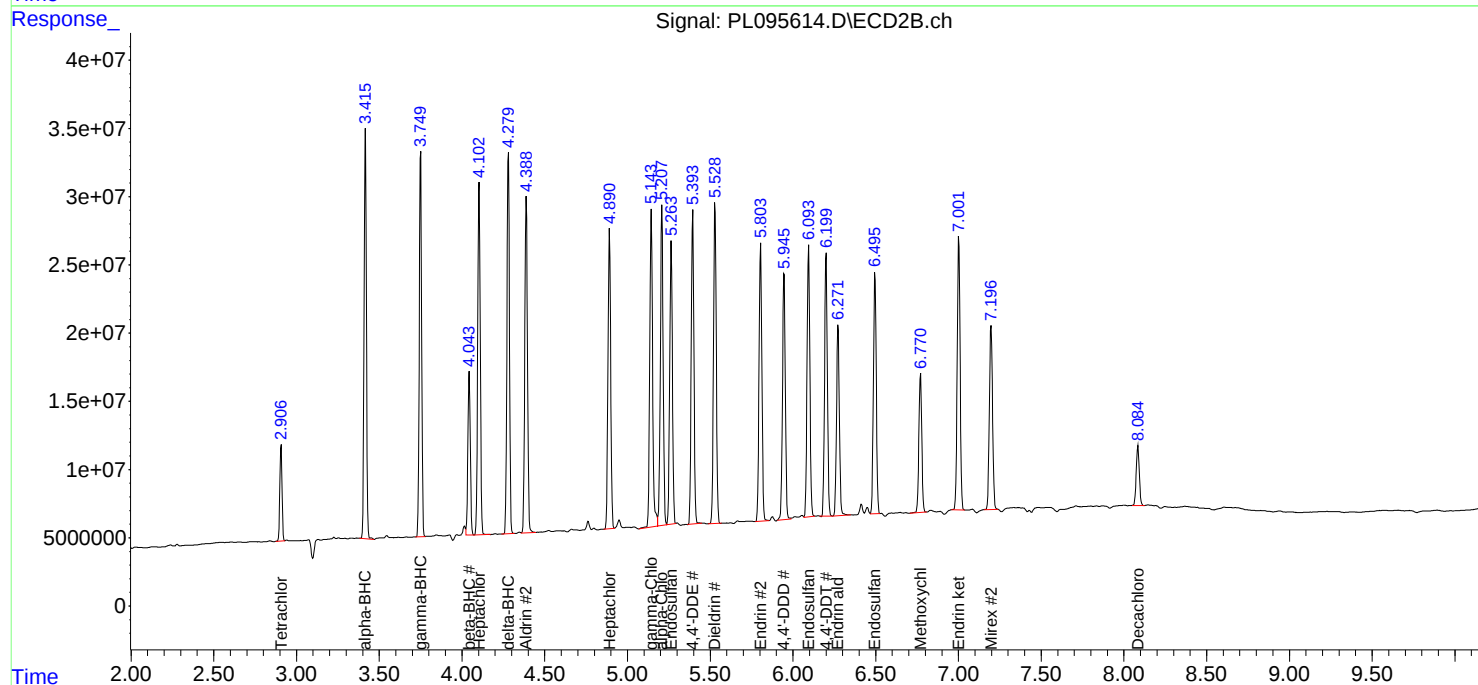
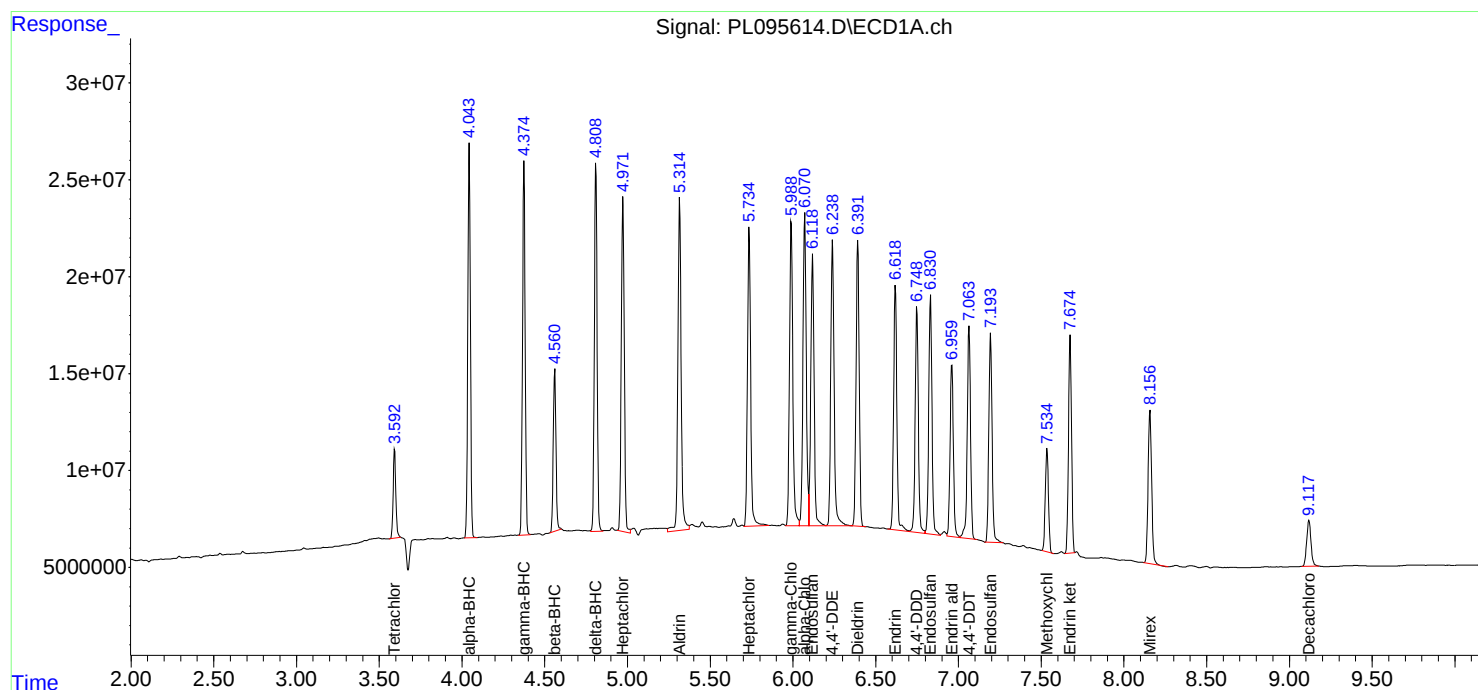
Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

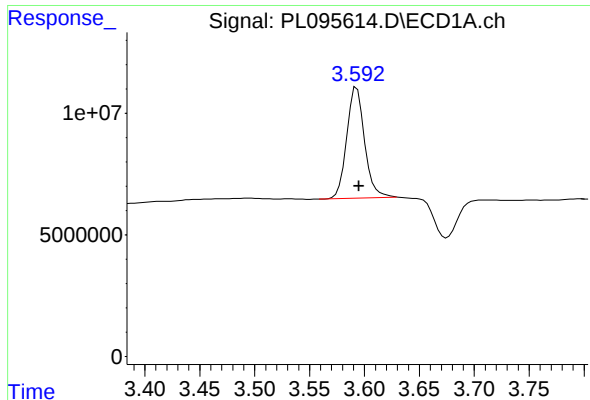
Manual Integrations
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Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 23:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





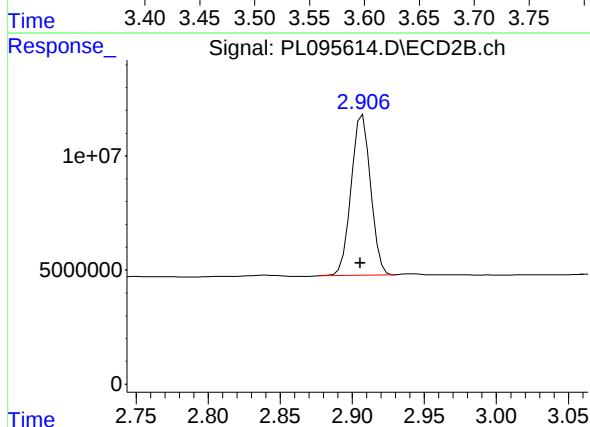
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 51759537
Conc: 15.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

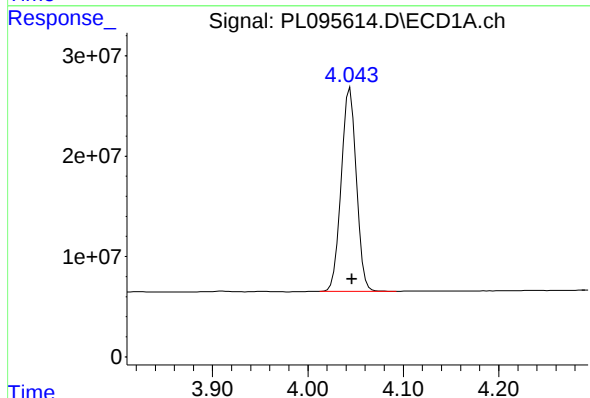
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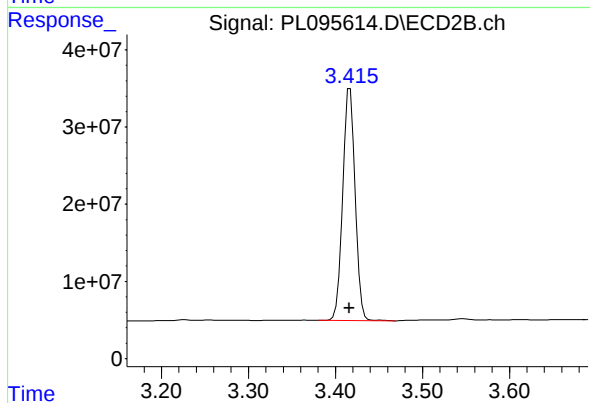
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: 0.002 min
Response: 66021711
Conc: 20.76 ng/ml



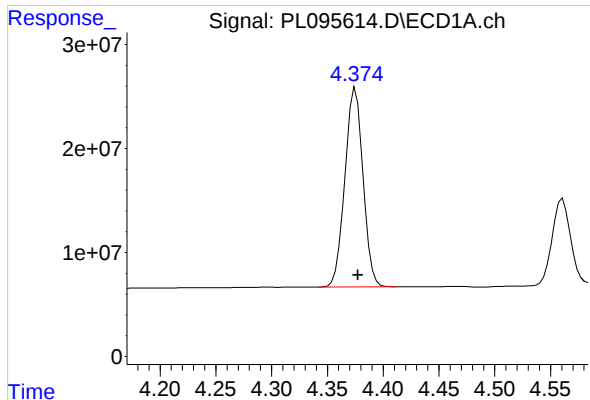
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 223467025
Conc: 45.11 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 300270816
Conc: 67.50 ng/ml



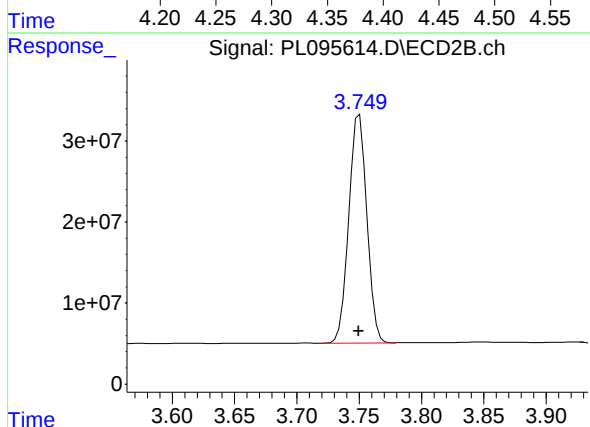
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.004 min
Response: 216696892
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

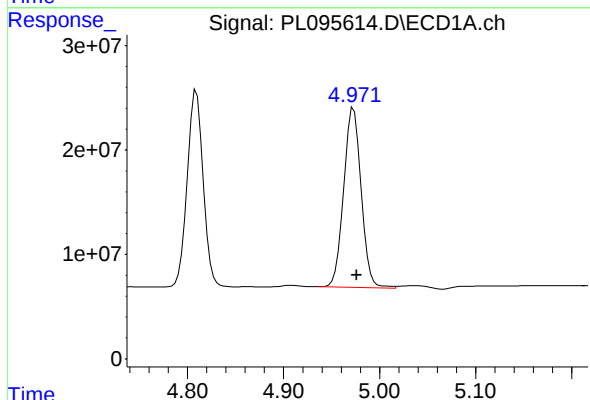
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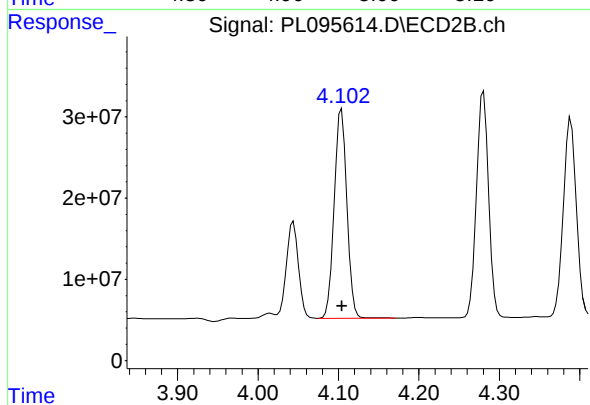
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 284161717
Conc: 64.61 ng/ml



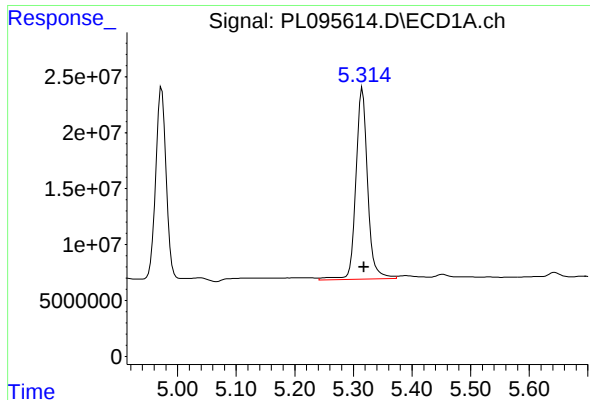
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 216323094
Conc: 47.29 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 282227824
Conc: 64.78 ng/ml



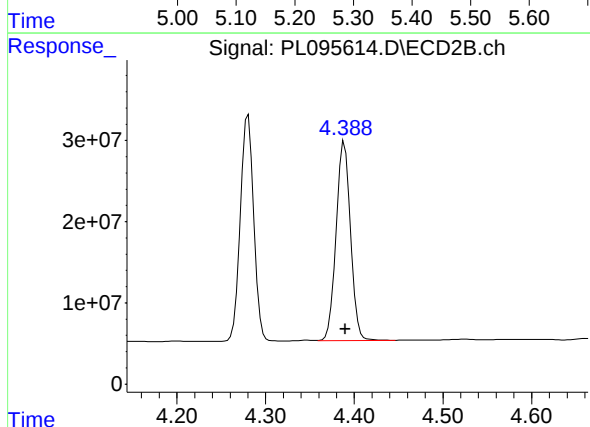
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 238579847
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

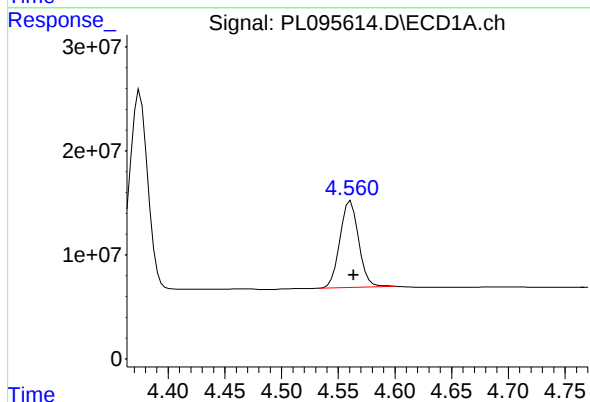
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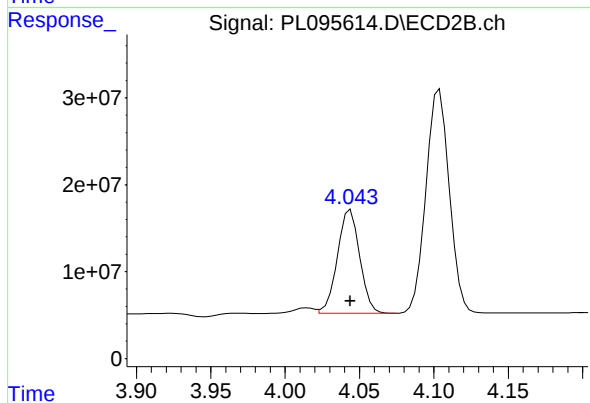
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: -0.001 min
Response: 276253419
Conc: 67.12 ng/ml



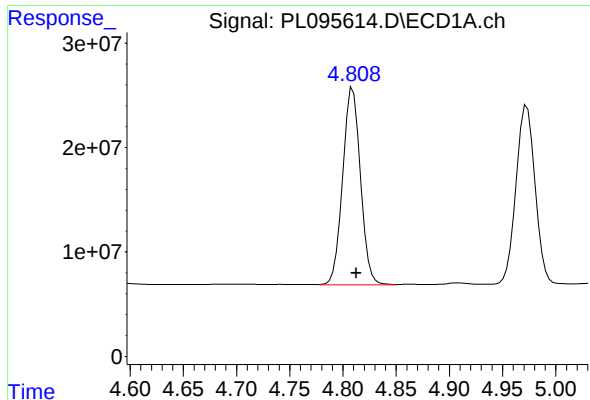
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 95699766
Conc: 46.29 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 124471071
Conc: 59.96 ng/ml



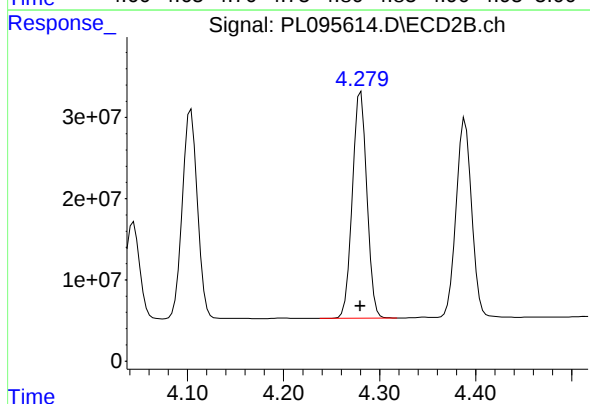
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 218540118
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

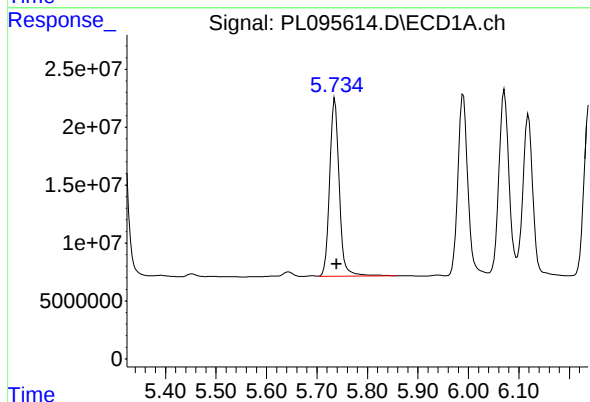
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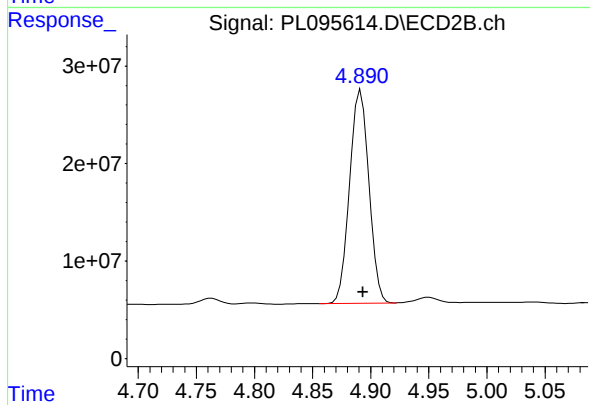
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 292573438
Conc: 66.77 ng/ml



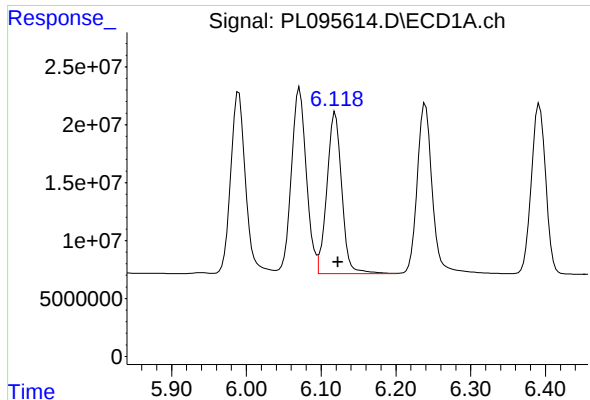
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 203964030
Conc: 50.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 252749019
Conc: 65.43 ng/ml



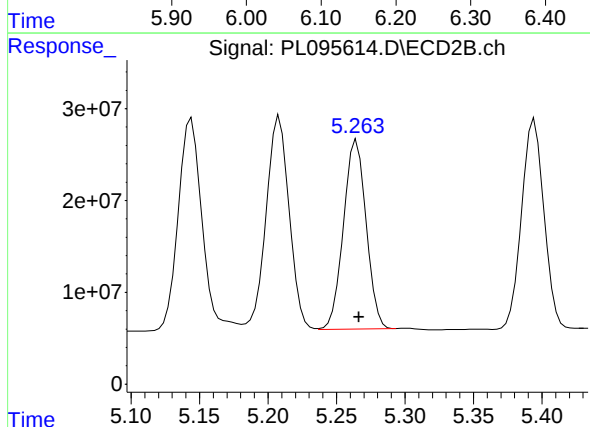
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 192378323
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

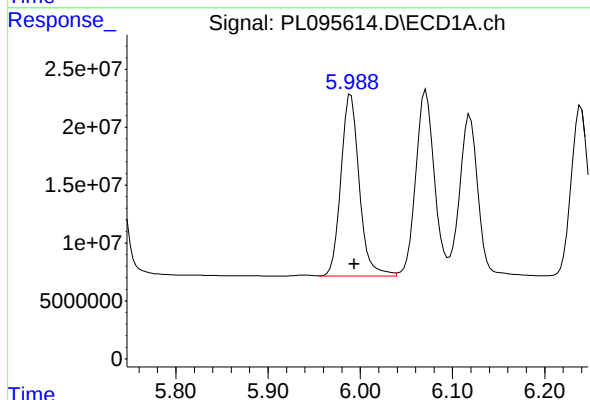
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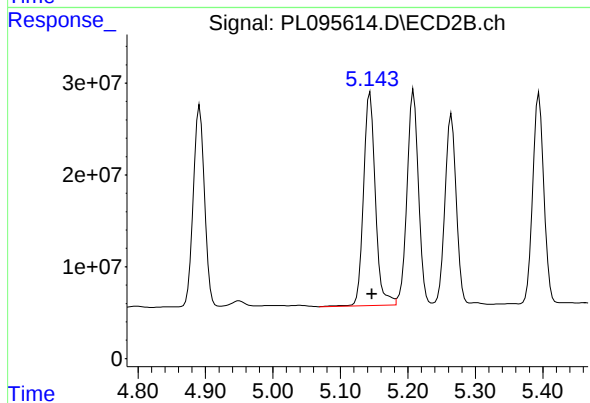
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 237868197
Conc: 64.98 ng/ml



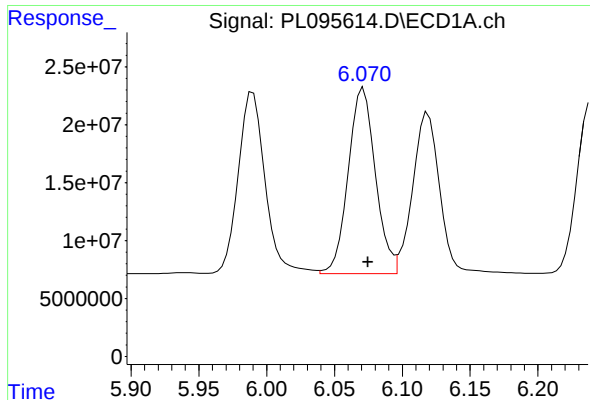
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 216189155
Conc: 53.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 283801794
Conc: 70.03 ng/ml



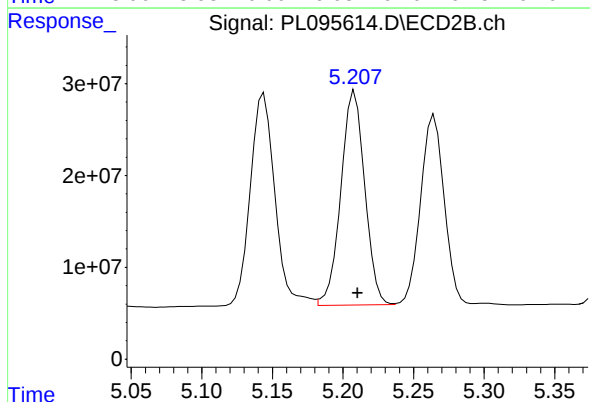
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 223341488
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

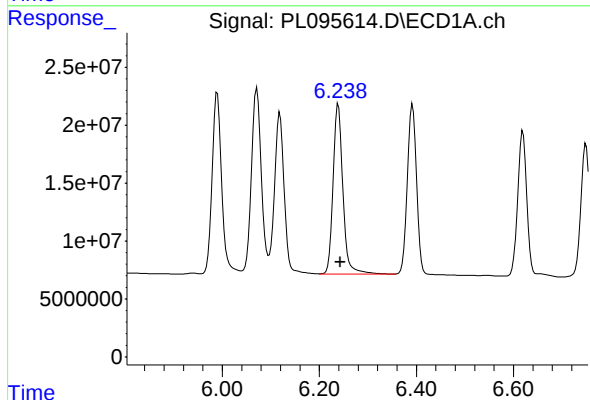
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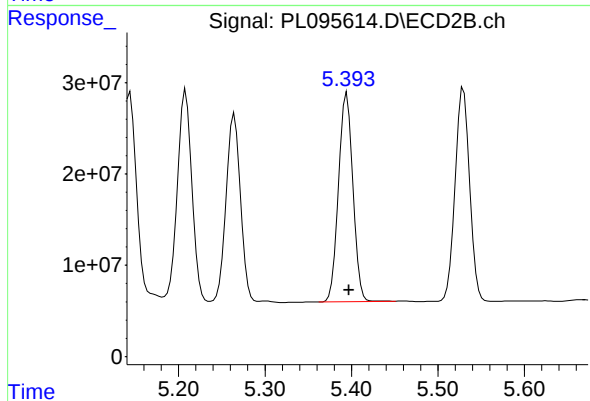
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 273965037
Conc: 68.82 ng/ml



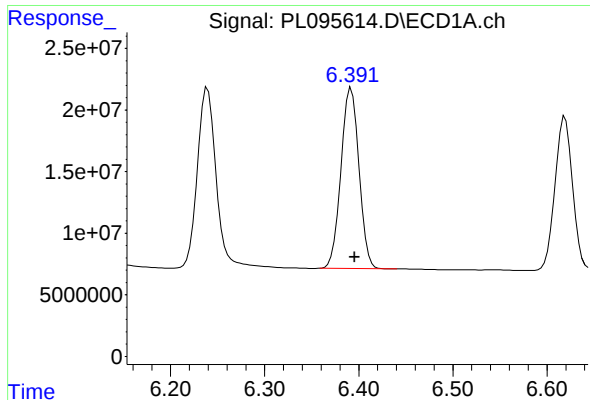
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 205146669
Conc: 52.33 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 260749996
Conc: 64.11 ng/ml



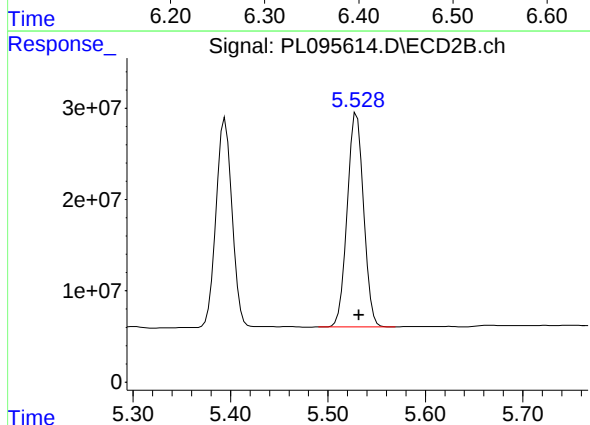
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 195080251
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

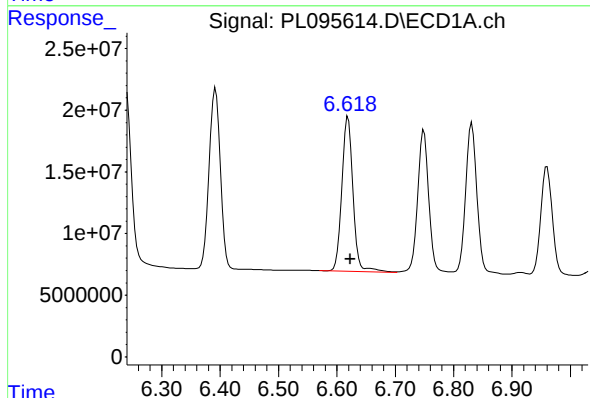
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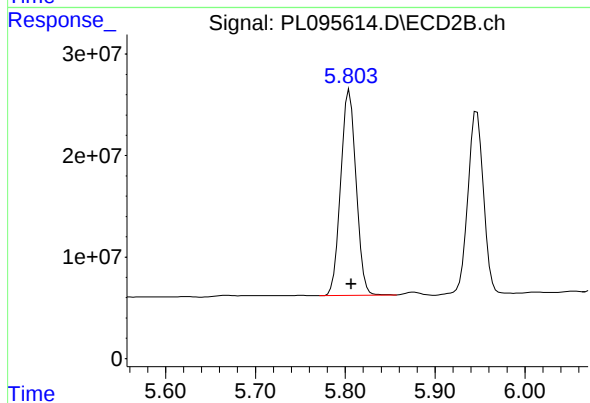
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 273349144
Conc: 67.21 ng/ml



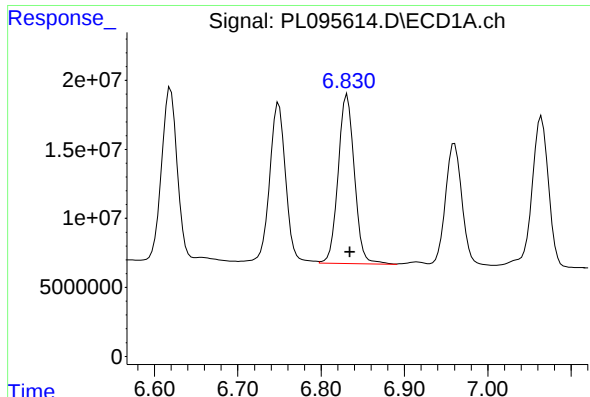
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 168543334
Conc: 52.92 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 240833652
Conc: 66.15 ng/ml



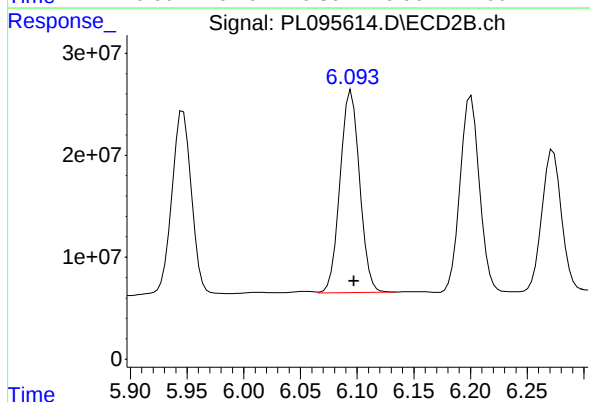
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 166252982
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

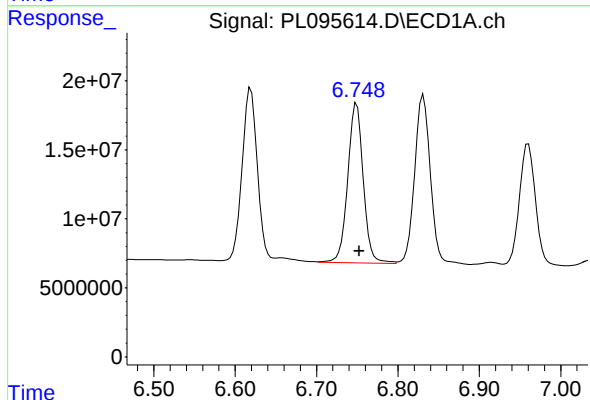
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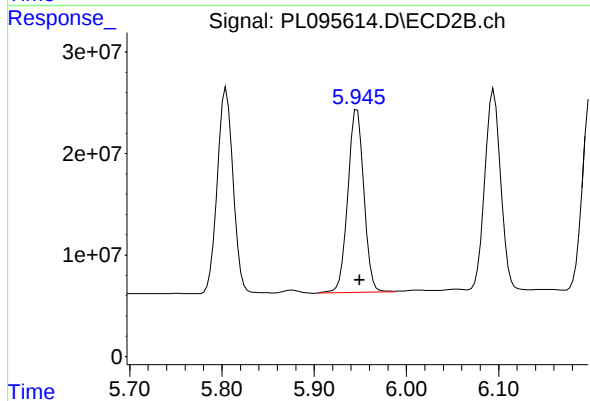
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 237298347
Conc: 66.08 ng/ml



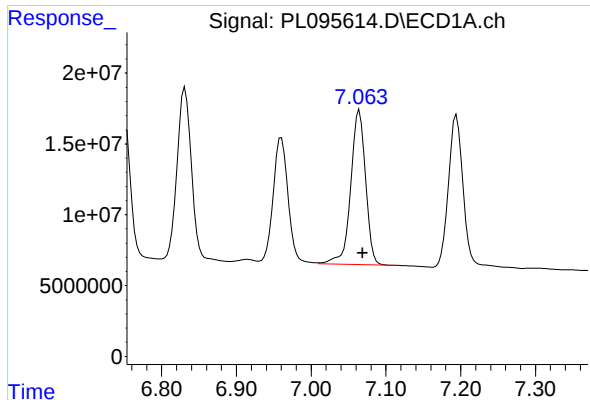
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 154404675
Conc: 54.54 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 217626870
Conc: 66.62 ng/ml



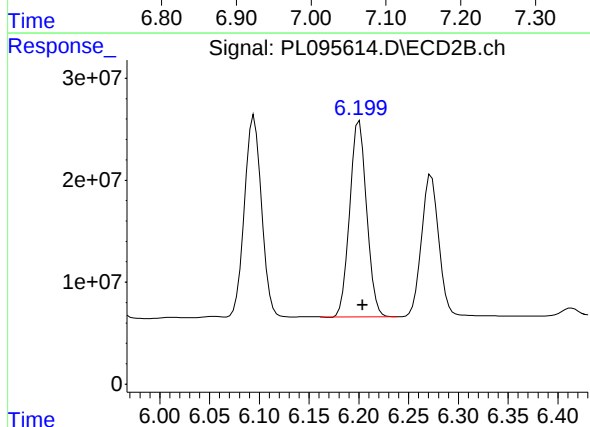
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 150014535
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

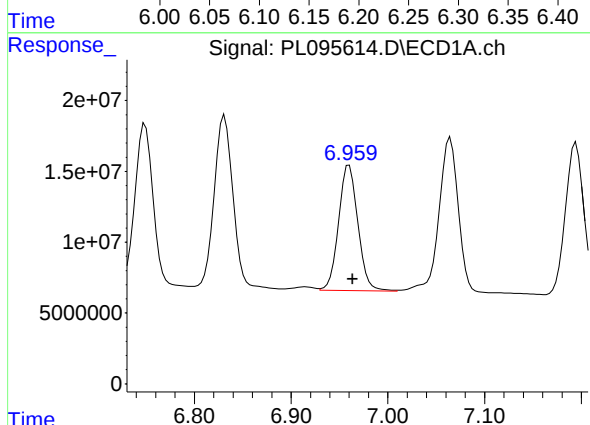
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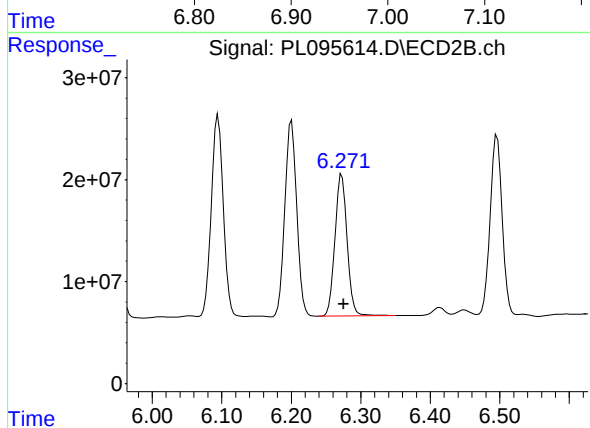
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 227770671
Conc: 66.29 ng/ml



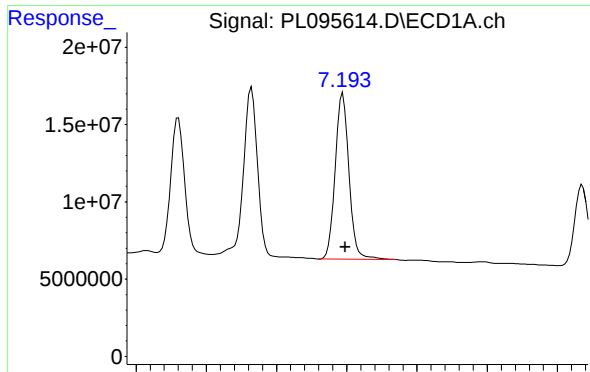
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 122555365
Conc: 52.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 168734738
Conc: 64.57 ng/ml



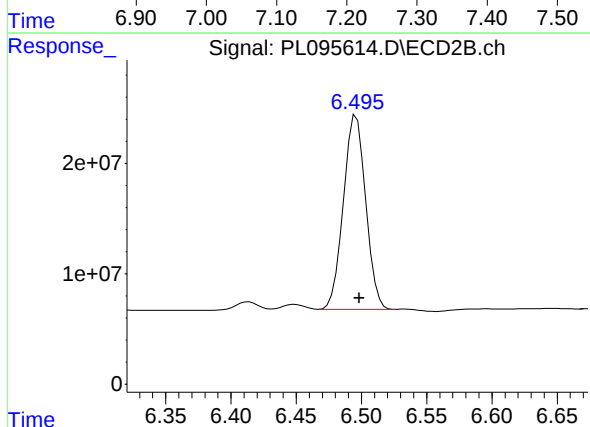
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 146210188
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

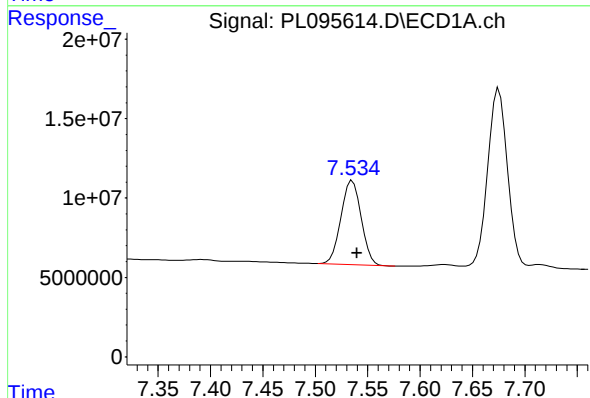
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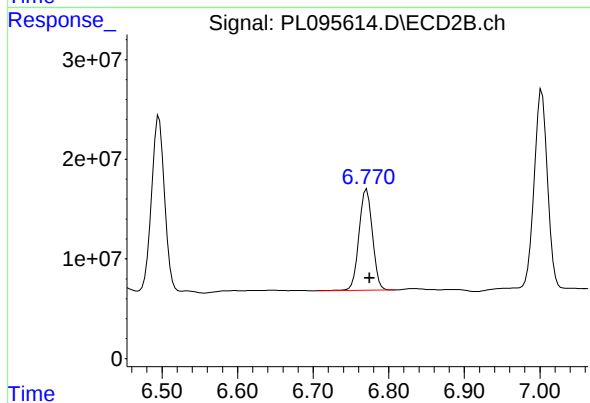
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 209234497
Conc: 63.06 ng/ml m



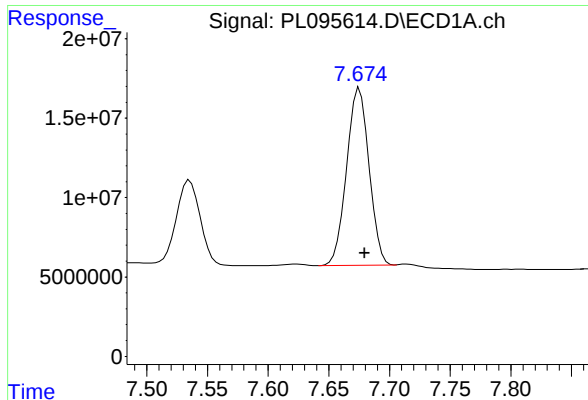
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.004 min
Response: 71009354
Conc: 50.90 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 124443403
Conc: 65.24 ng/ml



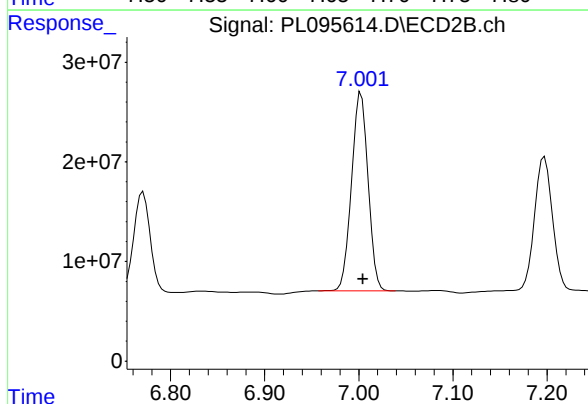
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 143804150
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

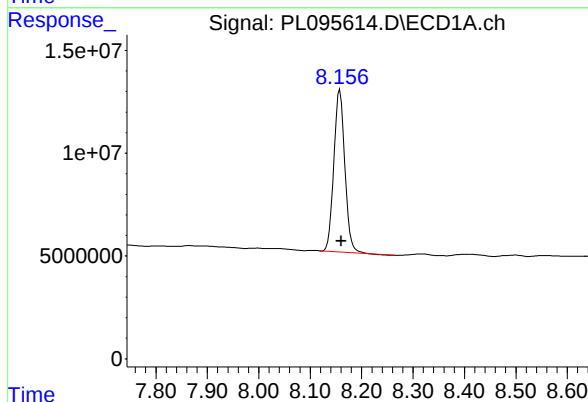
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



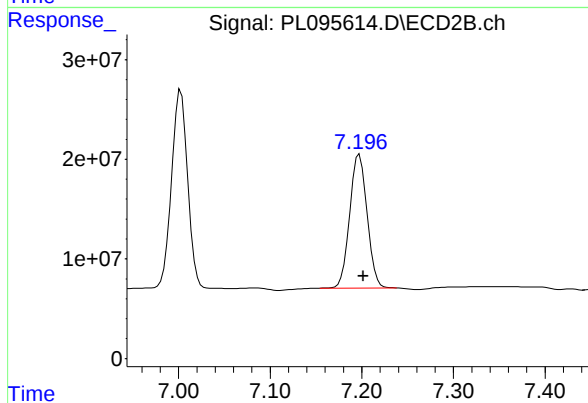
#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 243265526
Conc: 69.08 ng/ml



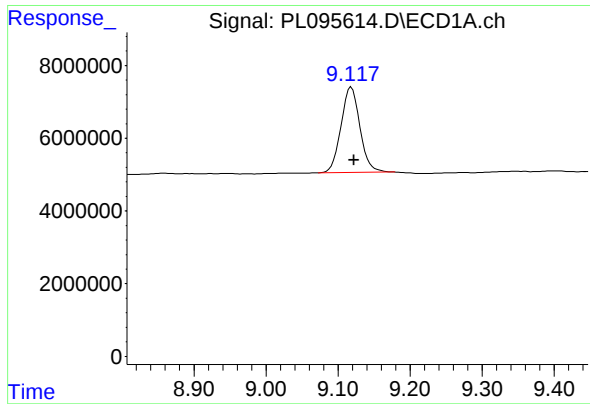
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 117321711
Conc: 49.38 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.006 min
Response: 177751588
Conc: 61.67 ng/ml m



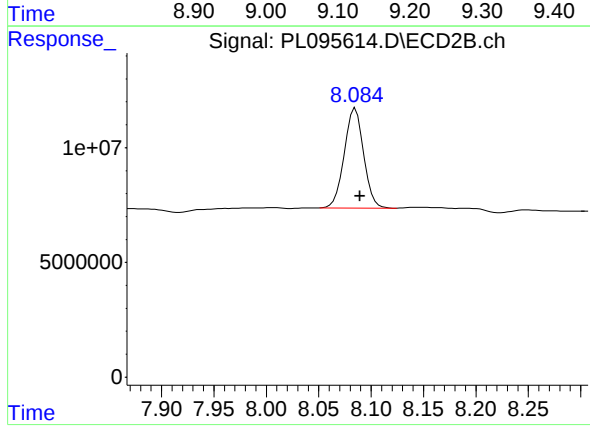
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.004 min
Response: 42778594
Conc: 15.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.005 min
Response: 56149326
Conc: 18.97 ng/ml