

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 23:44
 Operator : AR\AJ
 Sample : Q1534-07MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-636-COMP-17MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 03:07:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.535	2.771	44192548	54162513	15.612m	15.175
28) SA Decachlor...	9.051	7.904	29932473	54853394	14.203	13.580
Target Compounds						
2) A alpha-BHC	3.992	3.273	177.0E6	238.1E6	42.621	44.158
3) MA gamma-BHC...	4.325	3.603	181.1E6	227.2E6	45.381	44.199
4) MA Heptachlor	4.912	3.940	164.8E6	229.4E6	42.447	43.535
5) MB Aldrin	5.254	4.219	158.0E6	213.4E6	42.784	43.768
6) B beta-BHC	4.523	3.903	73832207	98959535	40.013m	44.550
7) B delta-BHC	4.771	4.131	179.3E6	221.9E6	46.049	44.362
8) B Heptachlo...	5.681	4.722	137.8E6	213.7E6	41.199	46.676
9) A Endosulfan I	6.066	5.091	131.3E6	154.5E6	42.756	35.201m
10) B gamma-Chl...	5.937	4.971	164.2E6	239.0E6	48.733	49.497m
11) B alpha-Chl...	6.016	5.034	165.2E6	224.3E6	50.117	46.988m
12) B 4,4'-DDE	6.189	5.223	105.0E6	211.4E6	35.700	45.479m#
13) MA Dieldrin	6.340	5.354	138.6E6	220.8E6	43.330m	45.519m
14) MA Endrin	6.570	5.630	118.4E6	203.4E6	42.705m	46.610m
15) B Endosulfa...	6.790	5.925	117.7E6	202.5E6	43.342m	46.784m
16) A 4,4'-DDD	6.705	5.778	106.7E6	161.1E6	49.280m	44.815m
17) MA 4,4'-DDT	7.021	6.029	112.4E6	188.6E6	47.251	46.769
18) B Endrin al...	6.922	6.104	90127423	147.2E6	42.694	43.728m
19) B Endosulfa...	7.155	6.329	110.8E6	189.3E6	45.558m	46.475
20) A Methoxychlor	7.498	6.604	59081501	93940001	49.355	44.289
21) B Endrin ke...	7.642	6.834	131.4E6	204.5E6	49.703	42.846
22) Mirex	8.113	7.013	94688985	167.5E6	45.826	44.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:44
Operator : AR\AJ
Sample : Q1534-07MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

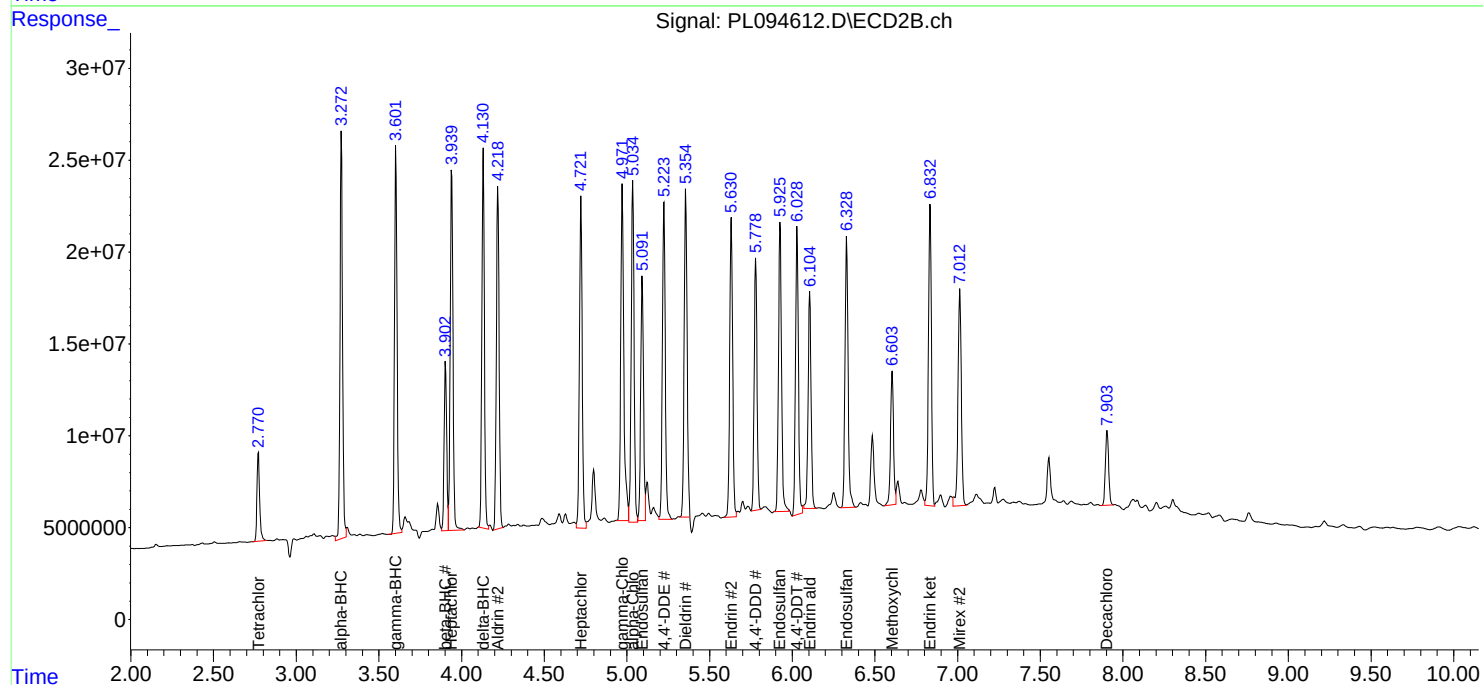
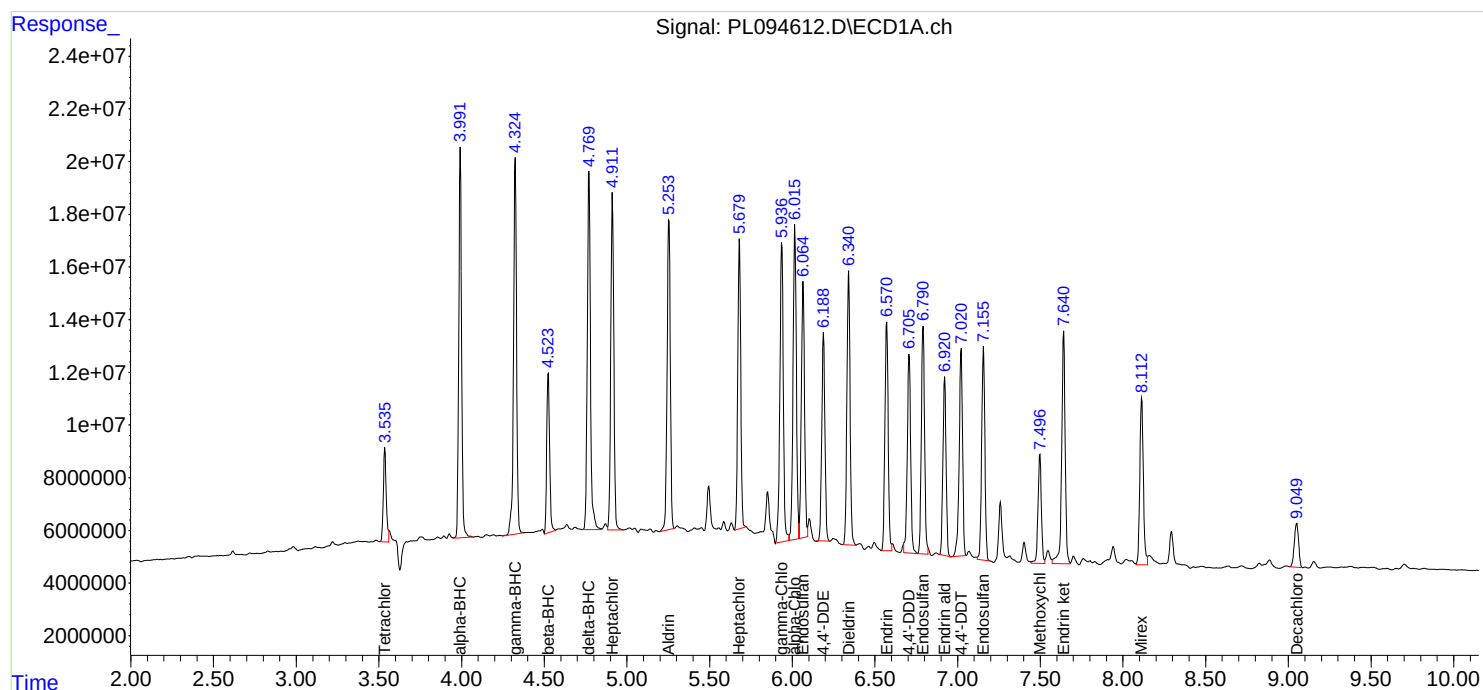
Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

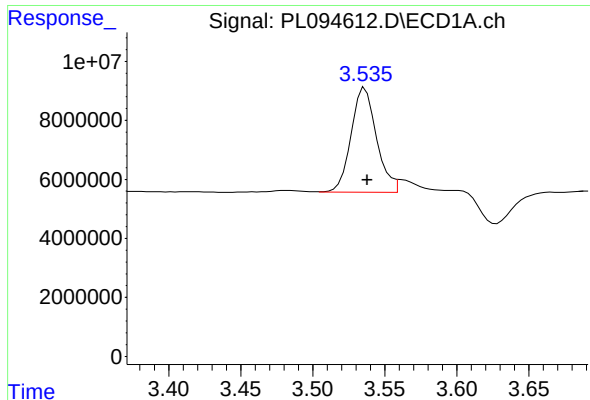
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:07:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





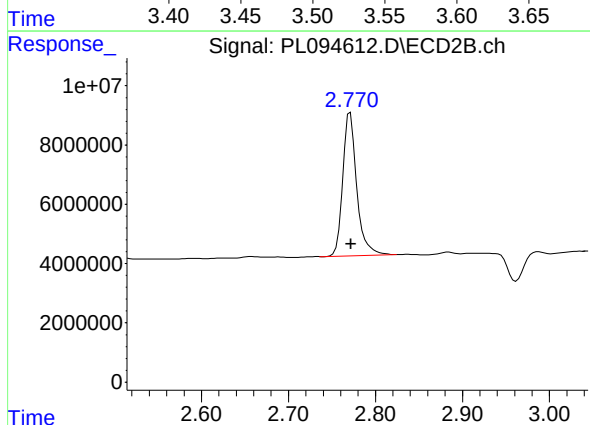
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 44192548
Conc: 15.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

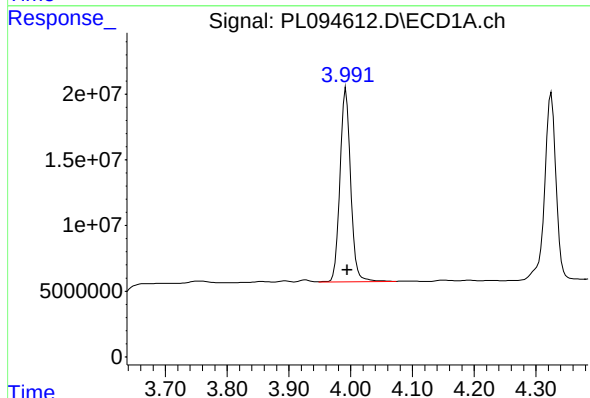
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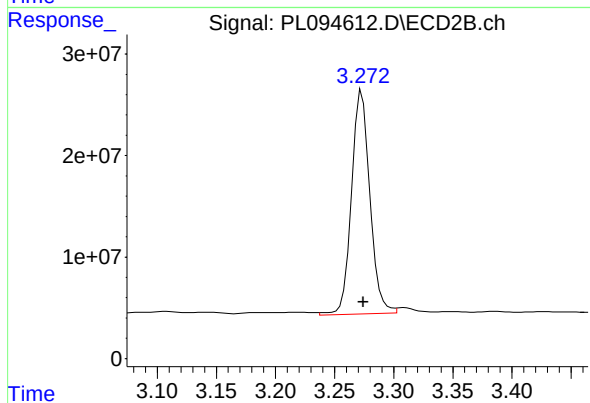
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 54162513
Conc: 15.17 ng/ml



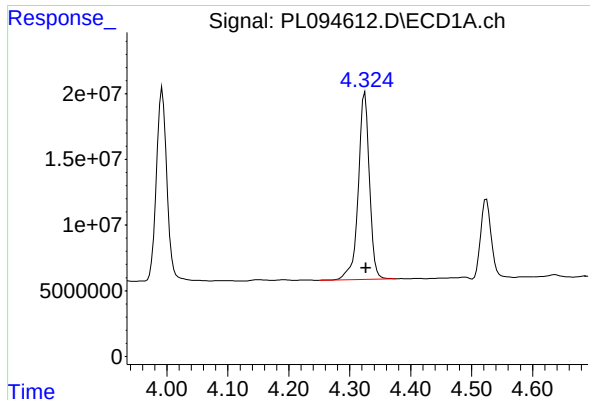
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 176975904
Conc: 42.62 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.001 min
Response: 238070375
Conc: 44.16 ng/ml



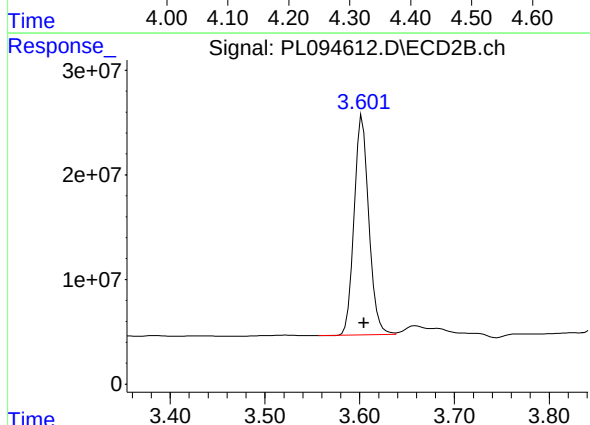
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 181081546
Conc: 45.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

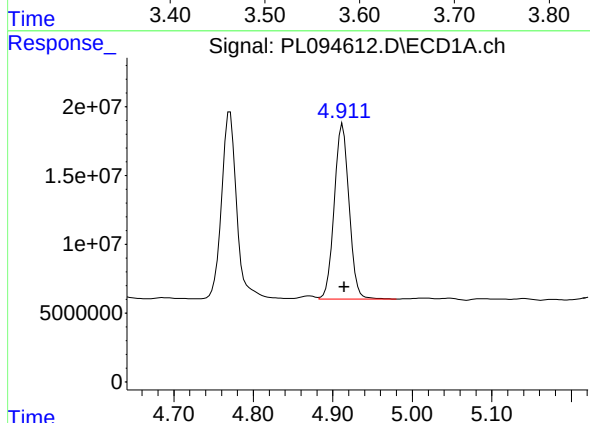
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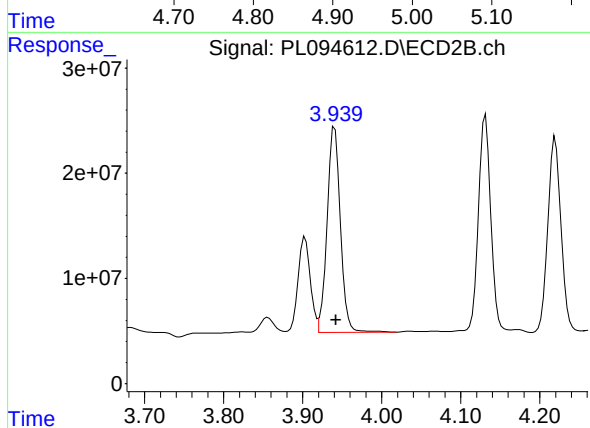
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 227161125
Conc: 44.20 ng/ml



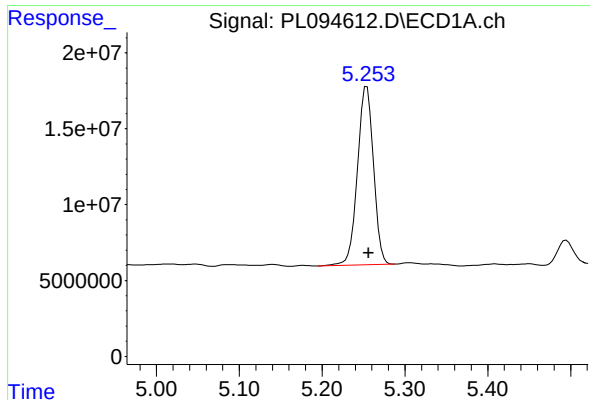
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 164762359
Conc: 42.45 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 229372282
Conc: 43.54 ng/ml



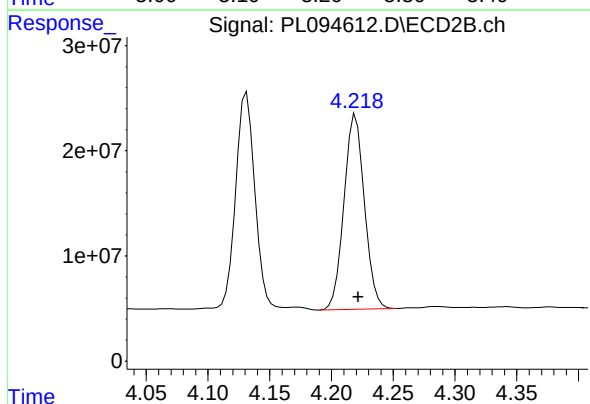
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 157969396
Conc: 42.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

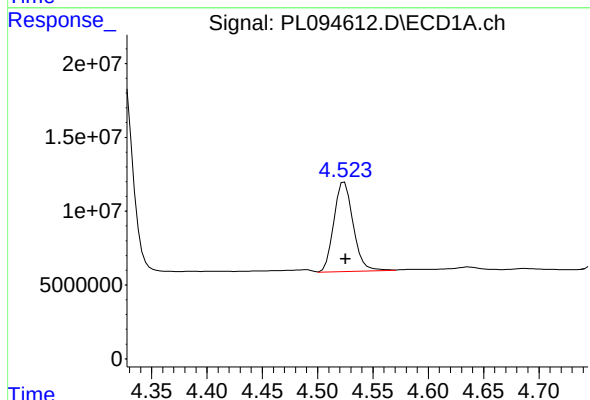
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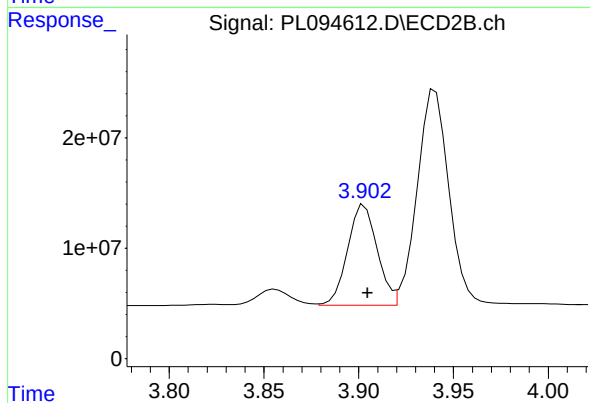
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 213426776
Conc: 43.77 ng/ml



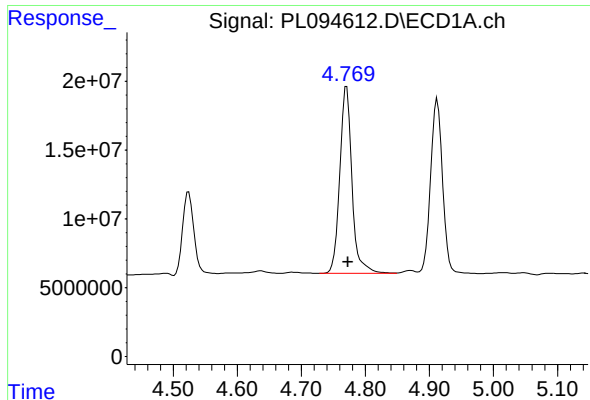
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 73832207
Conc: 40.01 ng/ml m



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 98959535
Conc: 44.55 ng/ml



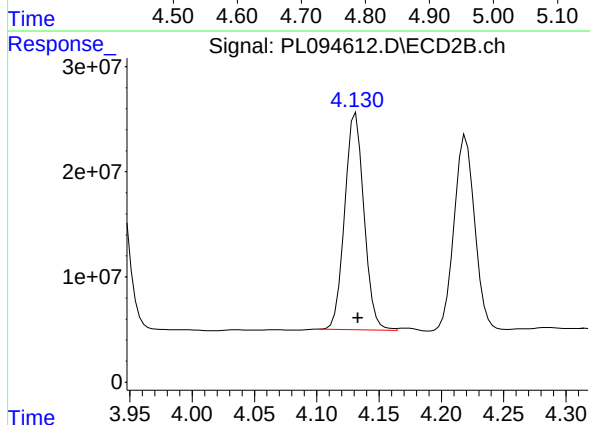
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 179328323
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

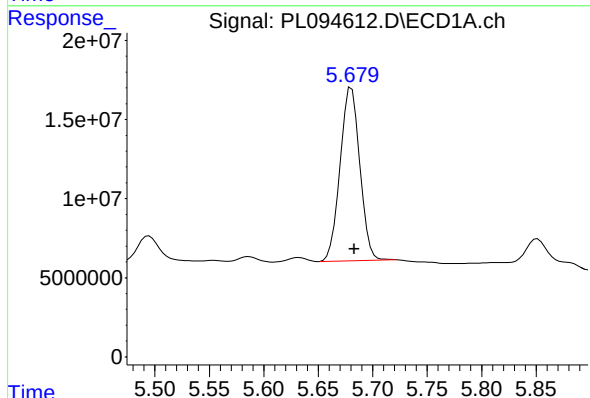
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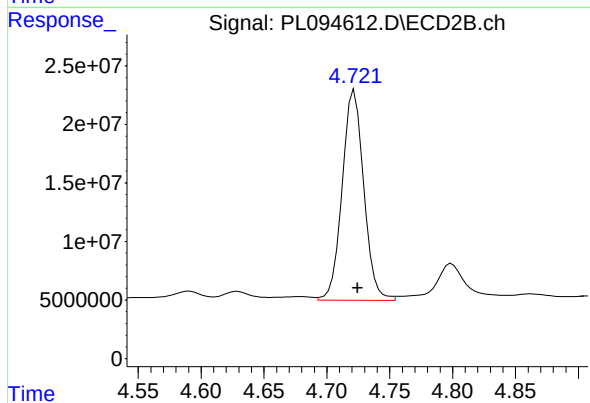
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 221897937
Conc: 44.36 ng/ml



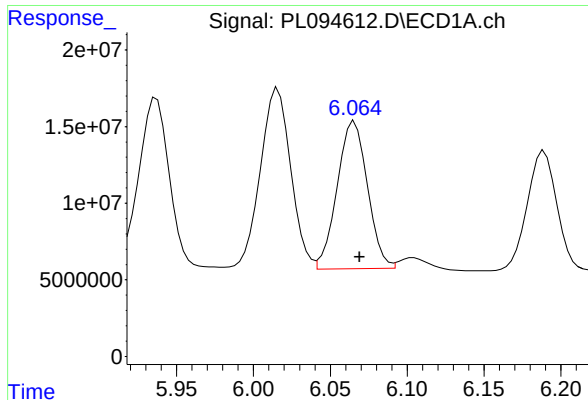
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 137820092
Conc: 41.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 213709577
Conc: 46.68 ng/ml



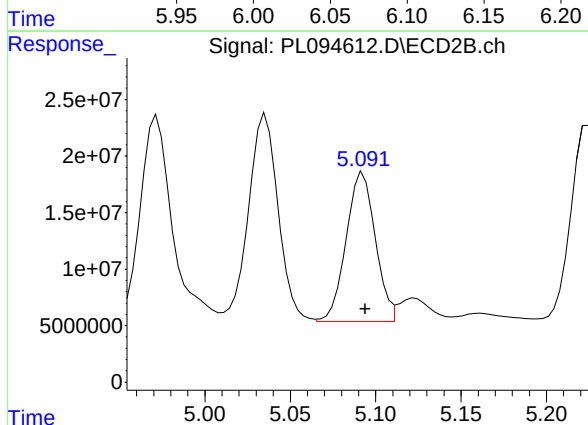
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 131270254
Conc: 42.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

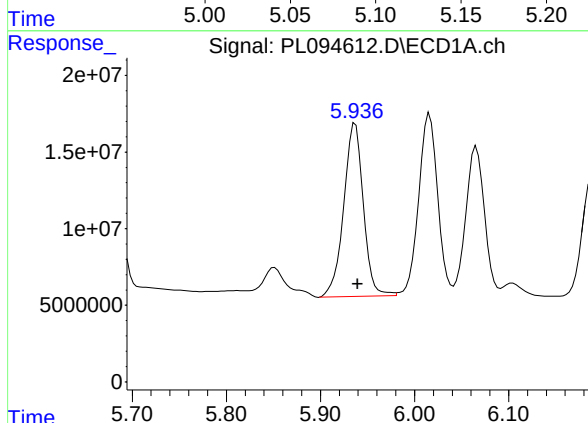
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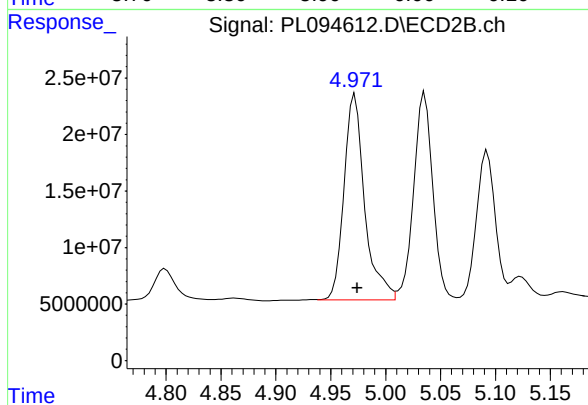
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 154489928
Conc: 35.20 ng/ml m



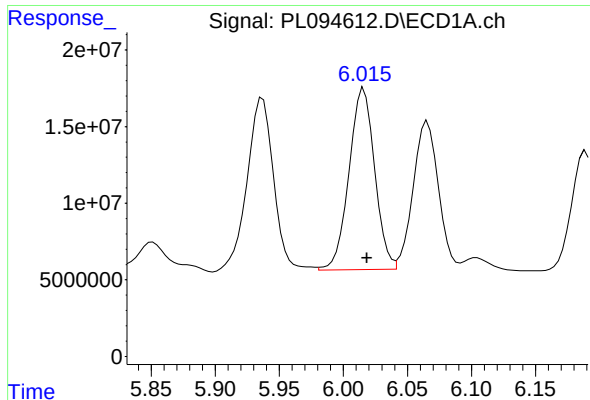
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 164200364
Conc: 48.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 238991918
Conc: 49.50 ng/ml m



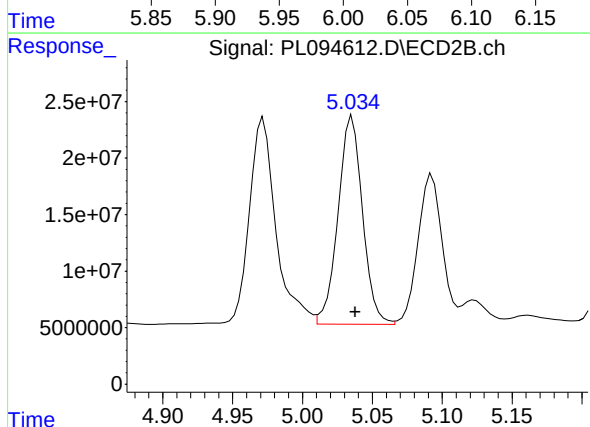
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 165226138
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

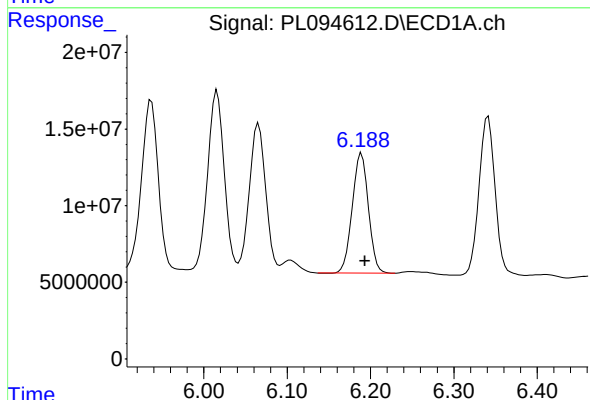
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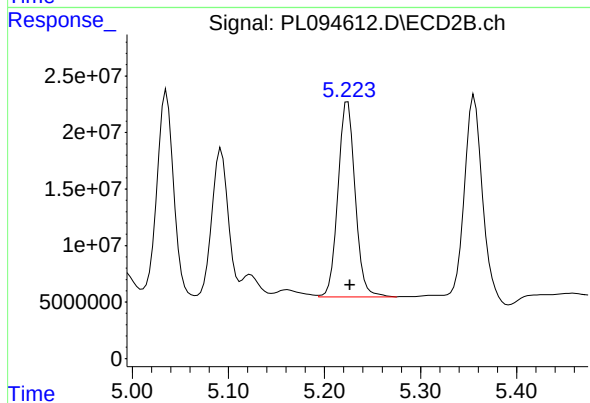
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 224260582
Conc: 46.99 ng/ml



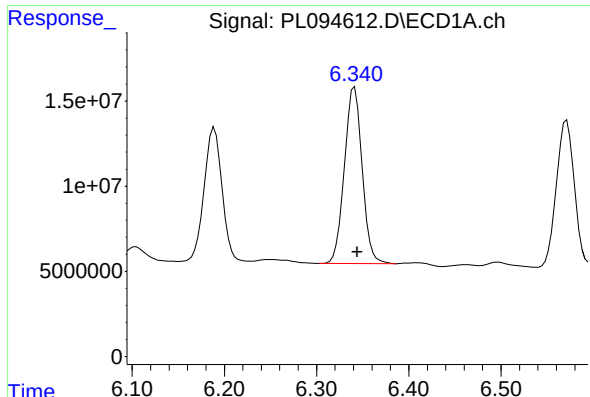
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 105031117
Conc: 35.70 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 211409473
Conc: 45.48 ng/ml



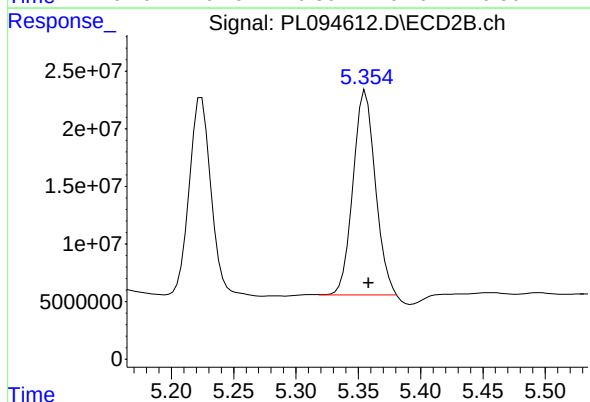
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 138574448
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

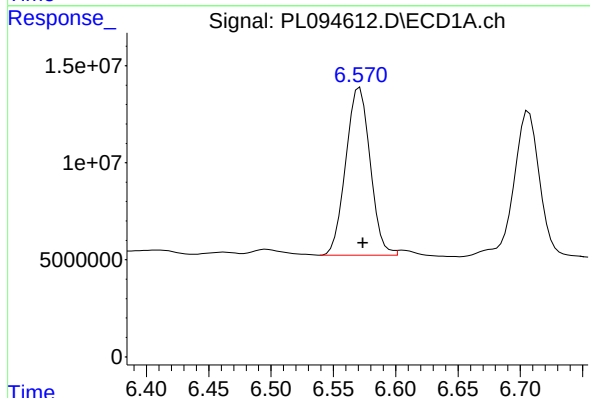
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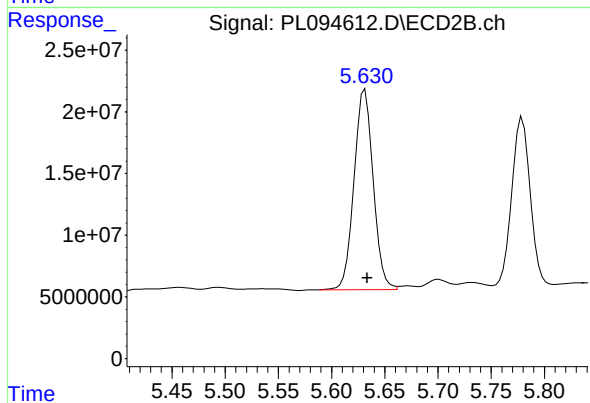
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 220847975
Conc: 45.52 ng/ml



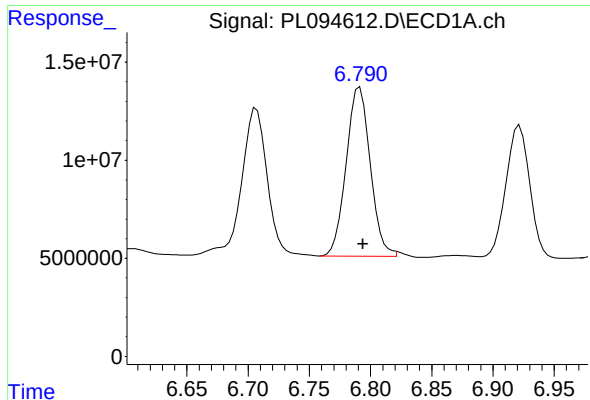
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 118380521
Conc: 42.70 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 203388219
Conc: 46.61 ng/ml



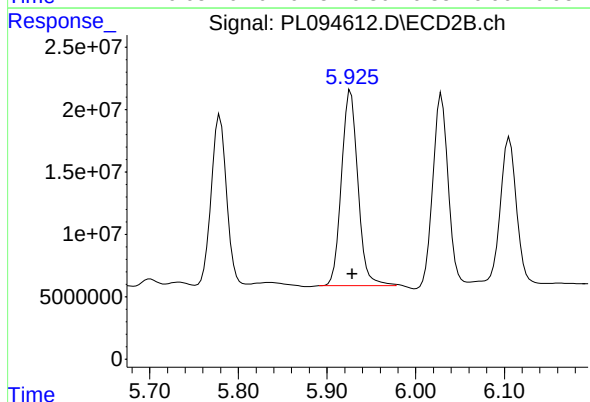
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 117661701
Conc: 43.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

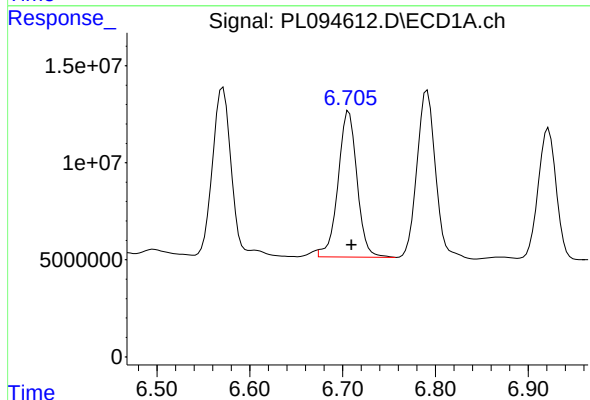
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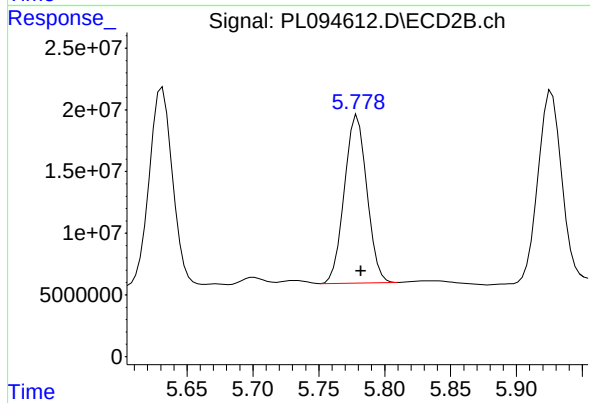
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 202494363
Conc: 46.78 ng/ml



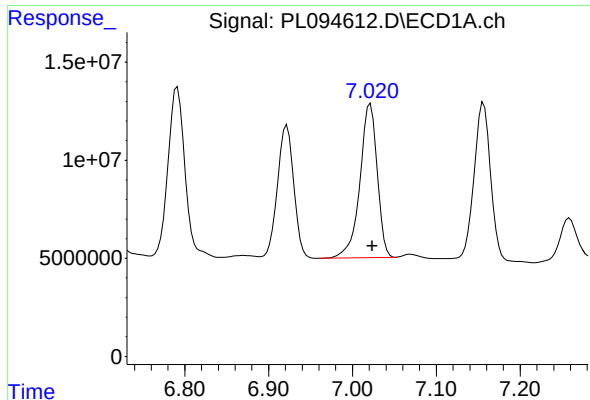
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 106744367
Conc: 49.28 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 161149425
Conc: 44.81 ng/ml



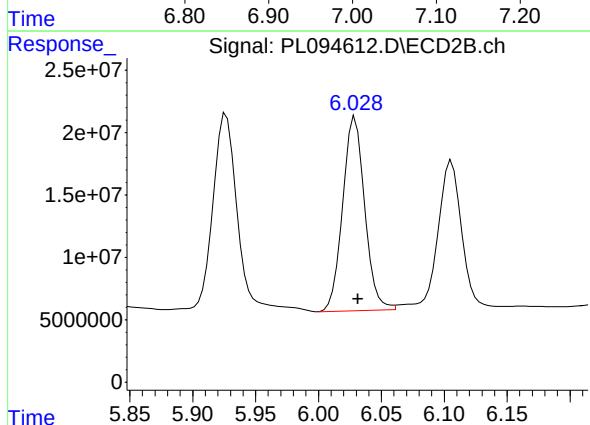
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 112388575
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

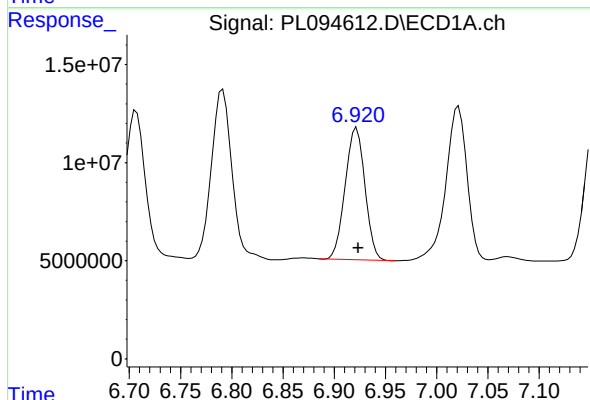
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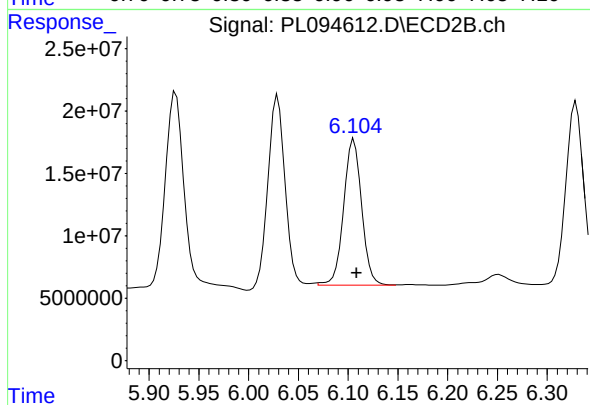
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 188578392
Conc: 46.77 ng/ml



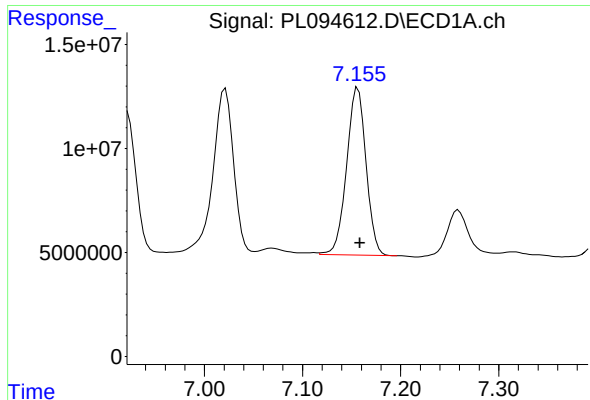
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 90127423
Conc: 42.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 147161529
Conc: 43.73 ng/ml m



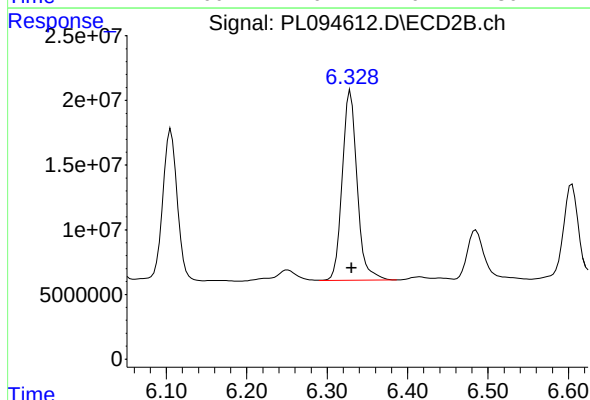
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 110797501
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

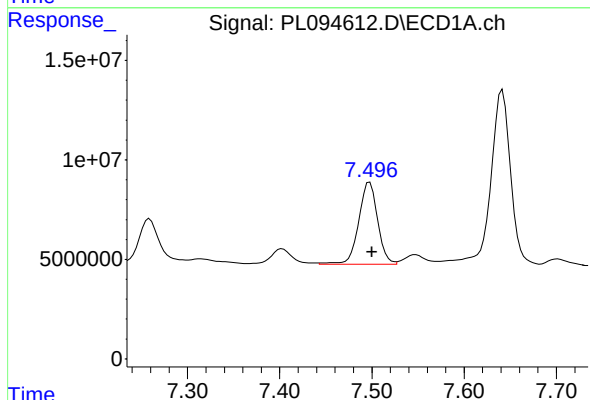
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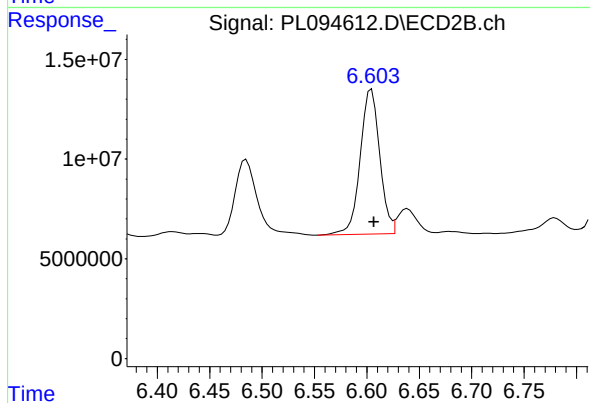
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 189314553
Conc: 46.48 ng/ml



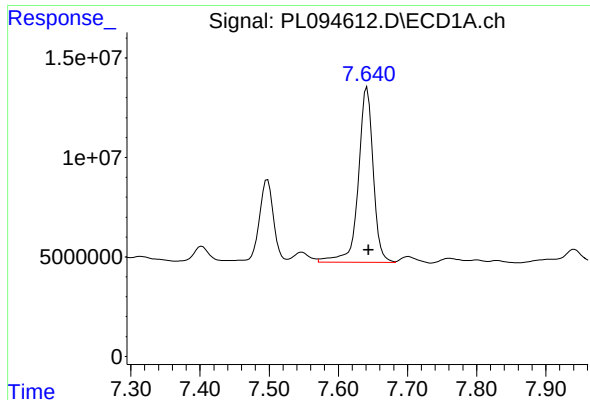
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 59081501
Conc: 49.36 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 93940001
Conc: 44.29 ng/ml



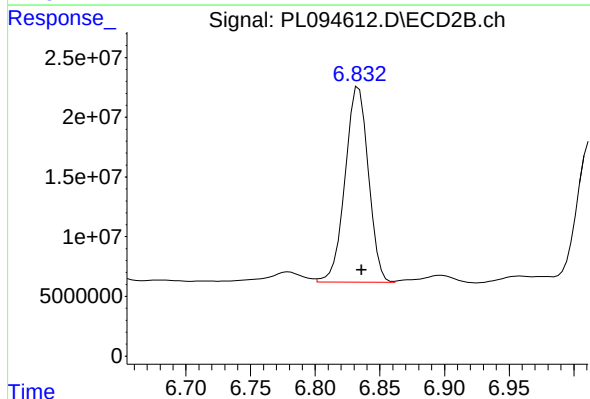
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 131379458
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

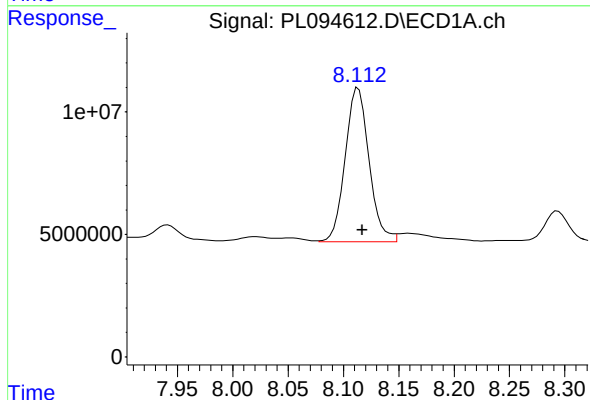
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



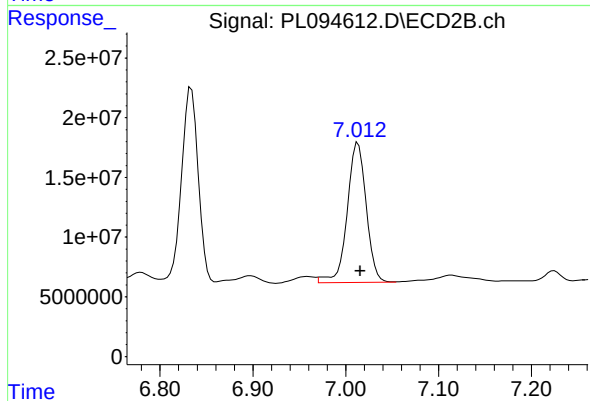
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 204486066
Conc: 42.85 ng/ml



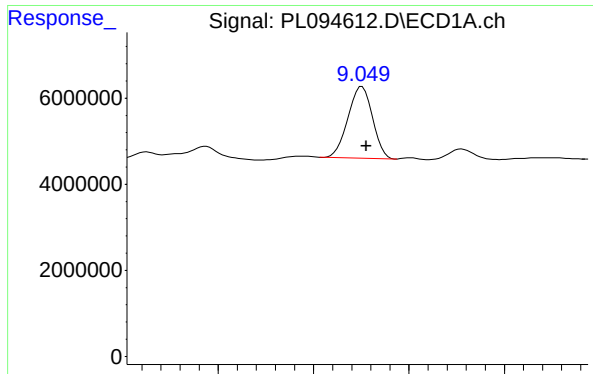
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 94688985
Conc: 45.83 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 167484434
Conc: 44.13 ng/ml



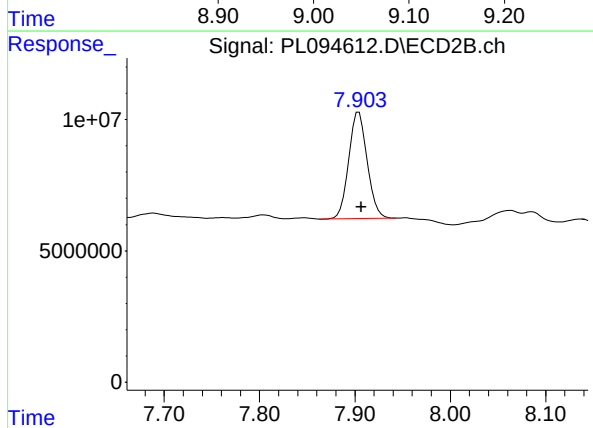
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 29932473
Conc: 14.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-17MS

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 54853394
Conc: 13.58 ng/ml