

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
 Data File : PL094490.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2025 18:15
 Operator : AR\AJ
 Sample : Q1480-25MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 01:33:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.536	2.771	51924827	63816515	20.450	19.998
2) SA Decachlor...	9.051	7.905	35119690	57080328	16.509	14.843
Target Compounds						
2) A alpha-BHC	3.993	3.273	182.6E6	239.9E6	48.266	48.814
3) MA gamma-BHC...	4.325	3.603	175.6E6	230.5E6	47.536	48.948
4) MA Heptachlor	4.913	3.941	172.1E6	243.3E6	50.750	51.548
5) MB Aldrin	5.254	4.220	162.7E6	224.3E6	47.398	48.538
6) B beta-BHC	4.524	3.903	78956927	103.7E6	49.444	52.147
7) B delta-BHC	4.771	4.132	173.9E6	232.5E6	49.161	49.102
8) B Heptachlo...	5.681	4.723	149.1E6	213.0E6	49.492	50.054
9) A Endosulfan I	6.066	5.092	137.3E6	203.1E6	49.964	50.957
10) B gamma-Chl...	5.937	4.973	145.0E6	224.4E6	49.377	51.716
11) B alpha-Chl...	6.016	5.037	147.0E6	221.1E6	50.740	51.206
12) B 4,4'-DDE	6.189	5.225	137.7E6	219.7E6	52.723	52.301
13) MA Dieldrin	6.341	5.356	143.4E6	224.8E6	50.320	51.303
14) MA Endrin	6.570	5.631	123.6E6	208.3E6	48.420m	61.171m#
15) B Endosulfa...	6.792	5.926	121.6E6	205.9E6	48.320	55.060
16) A 4,4'-DDD	6.708	5.780	106.1E6	173.4E6	57.356	54.441
17) MA 4,4'-DDT	7.021	6.030	112.6E6	199.1E6	53.642	55.974
18) B Endrin al...	6.922	6.106	95389361	155.4E6	48.998	49.166
19) B Endosulfa...	7.156	6.329	113.3E6	192.4E6	50.034	52.102
20) A Methoxychlor	7.497	6.605	59862557	103.2E6	53.880	52.905
21) B Endrin ke...	7.641	6.834	125.1E6	220.8E6	49.895	51.742
22) Mirex	8.114	7.013	94716349	170.3E6	45.905	48.839

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
Data File : PL094490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2025 18:15
Operator : AR\AJ
Sample : Q1480-25MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

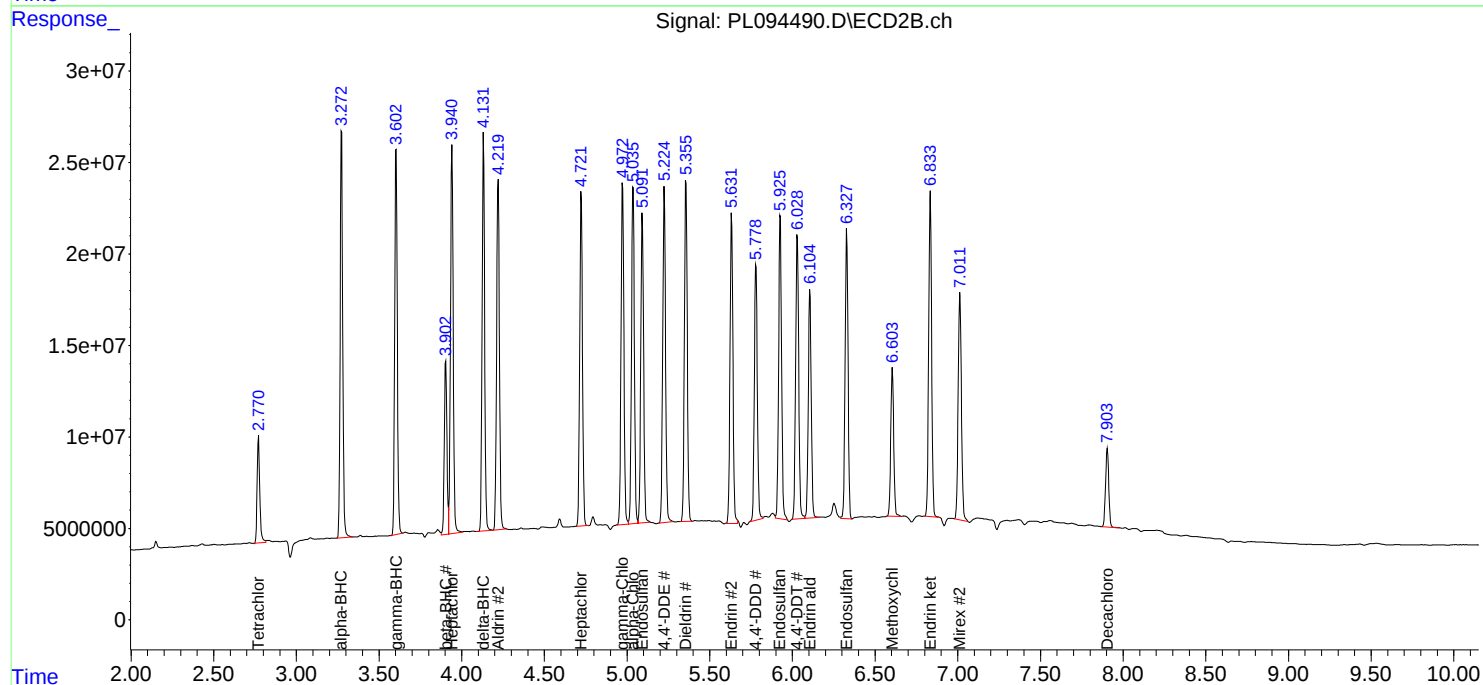
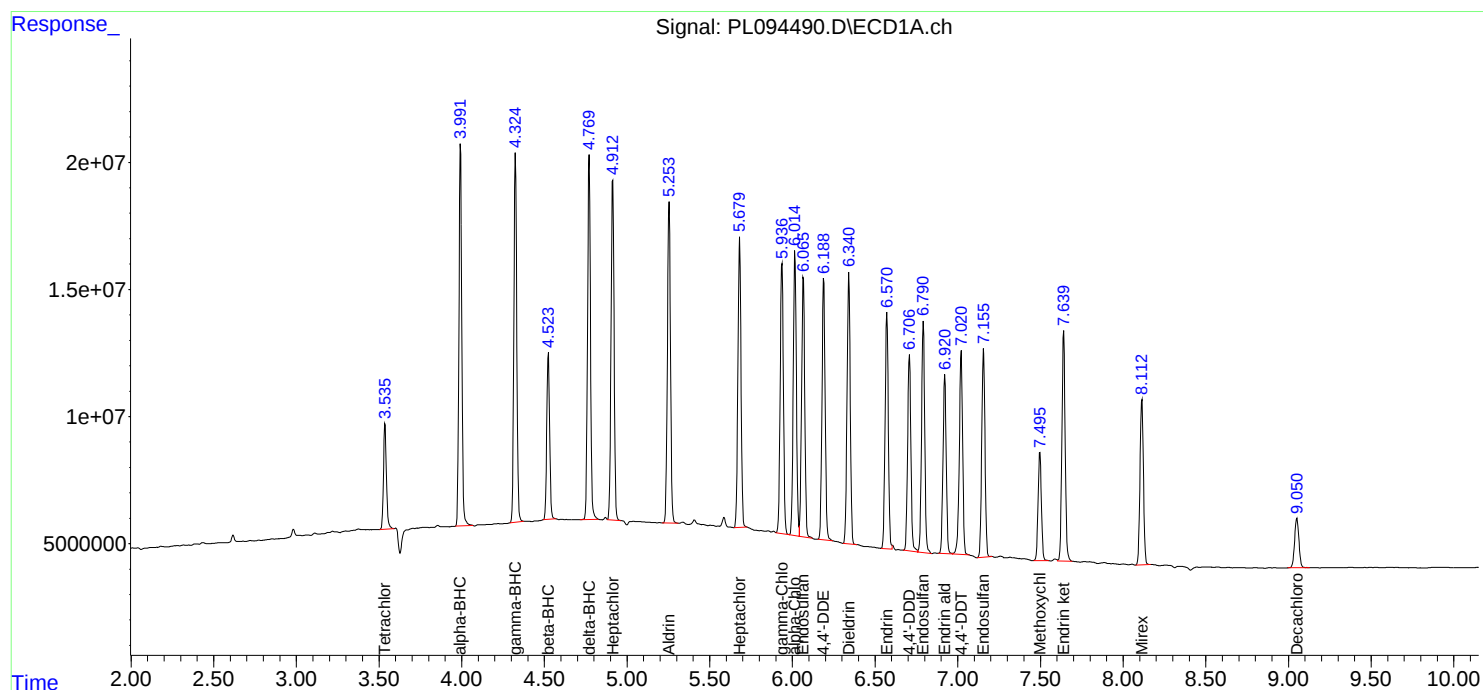
Instrument :
ECD_L
ClientSampleId :
TP-4MSD

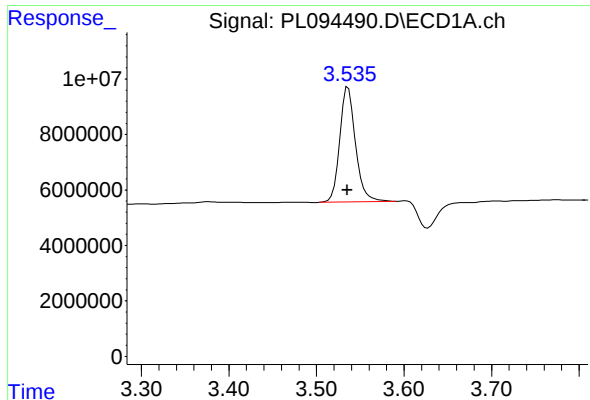
Manual Integrations
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Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 01:33:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





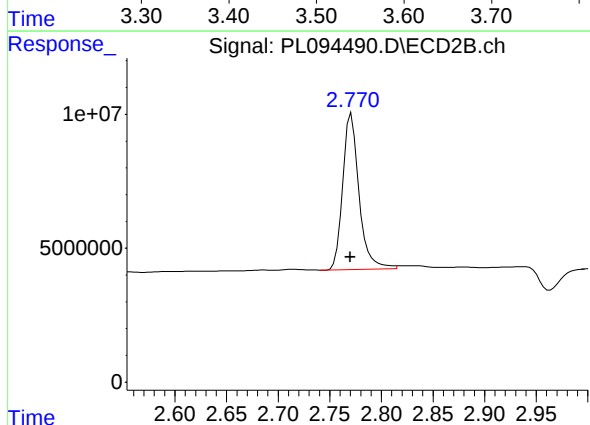
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 51924827
Conc: 20.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

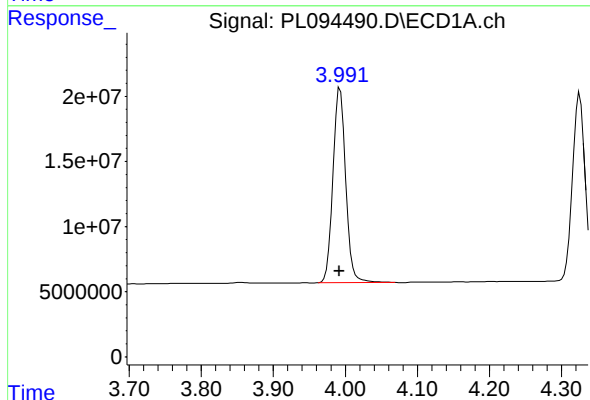
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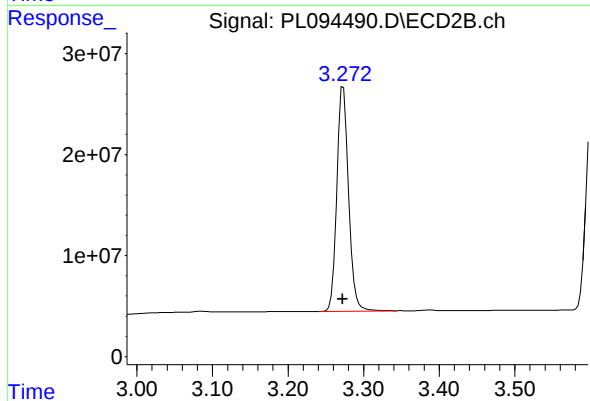
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 63816515
Conc: 20.00 ng/ml



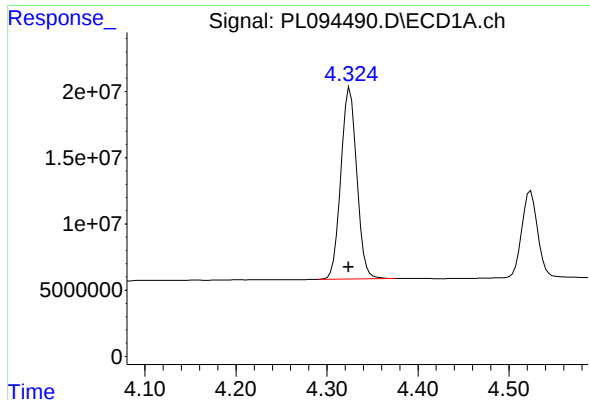
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.001 min
Response: 182572105
Conc: 48.27 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 239912409
Conc: 48.81 ng/ml



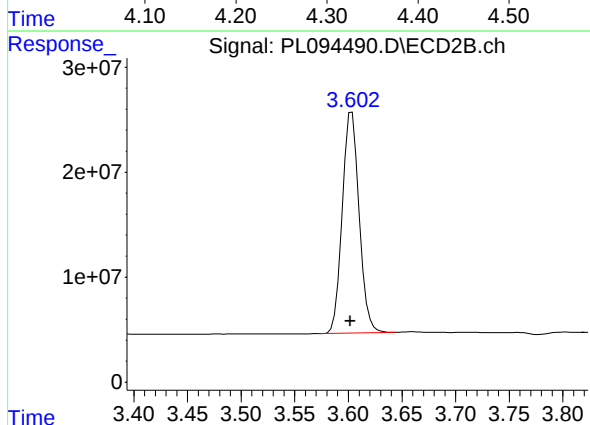
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 175634607
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

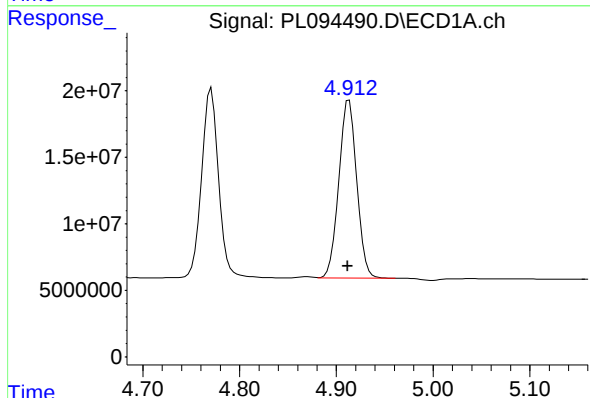
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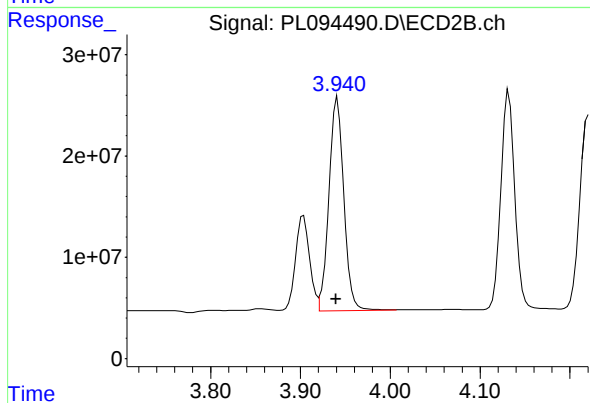
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 230541421
Conc: 48.95 ng/ml



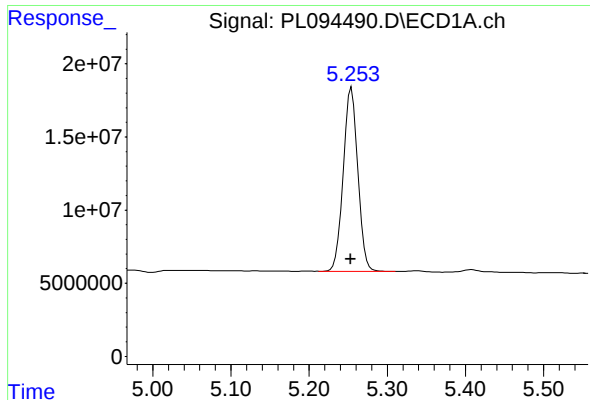
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 172059245
Conc: 50.75 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 243321351
Conc: 51.55 ng/ml



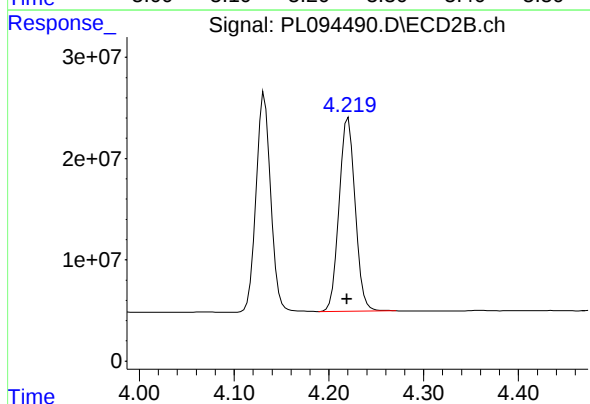
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 162656408
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

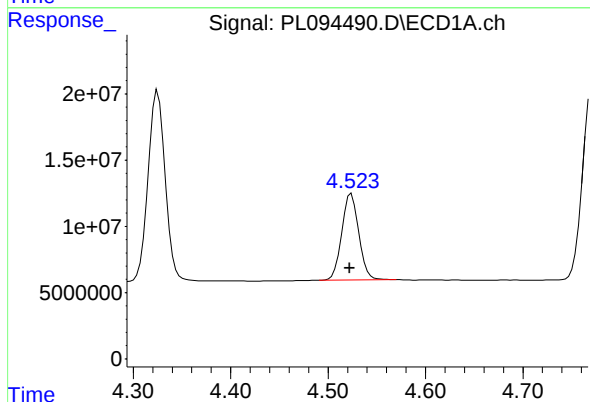
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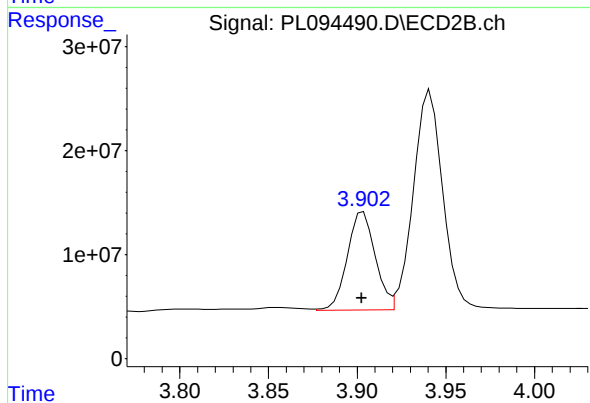
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 224262098
Conc: 48.54 ng/ml



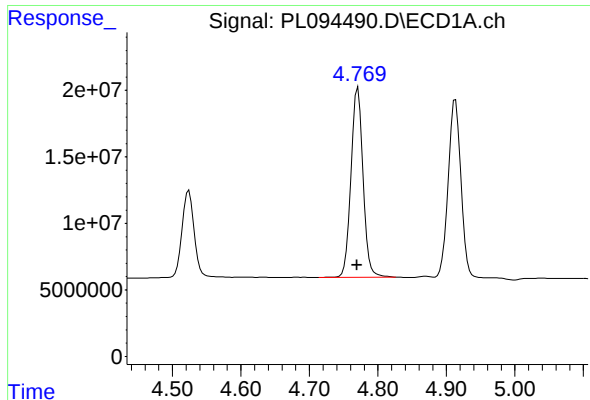
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 78956927
Conc: 49.44 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 103715609
Conc: 52.15 ng/ml



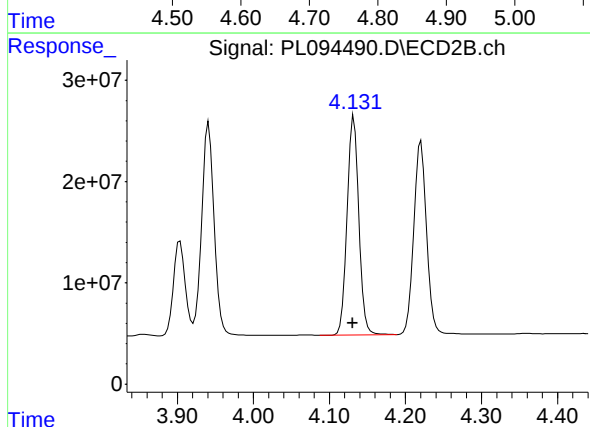
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 173946665
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

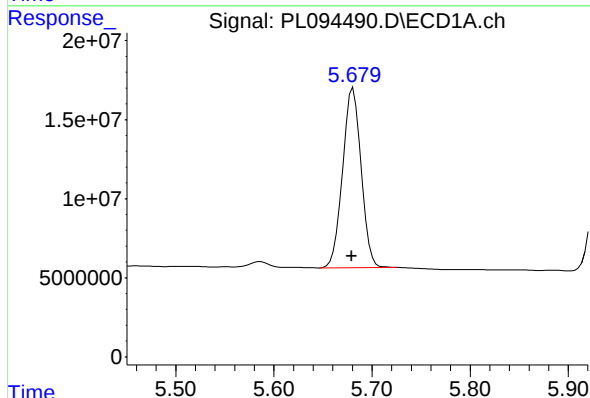
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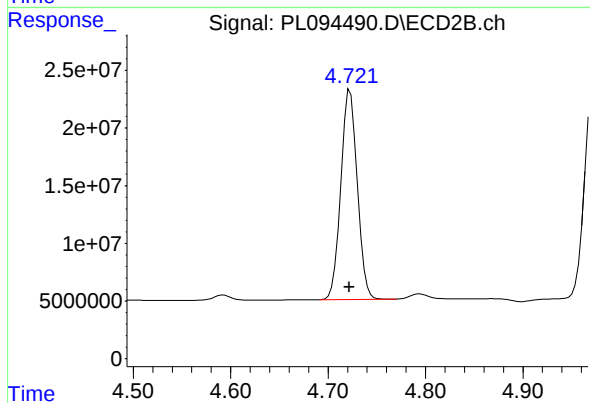
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 232531865
Conc: 49.10 ng/ml



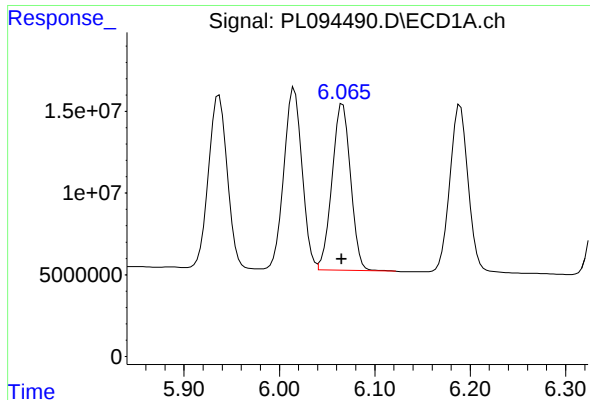
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 149138835
Conc: 49.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 212999780
Conc: 50.05 ng/ml



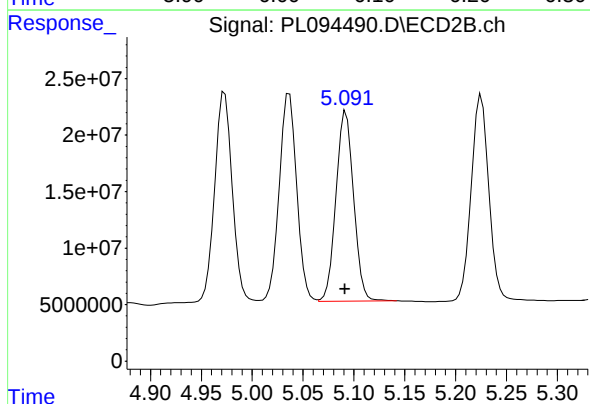
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.001 min
Response: 137331555
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

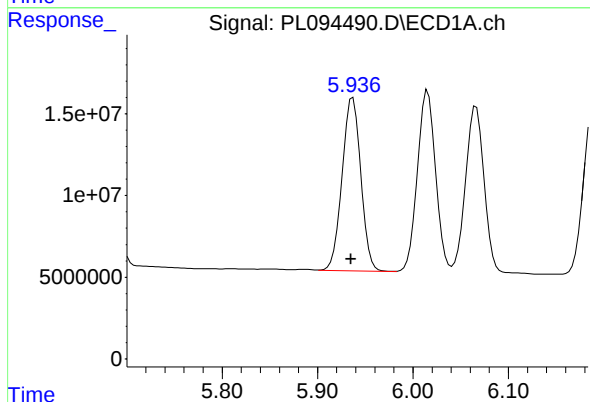
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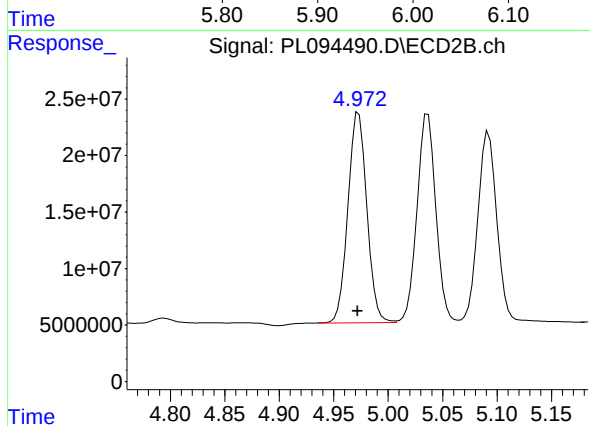
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 203143123
Conc: 50.96 ng/ml



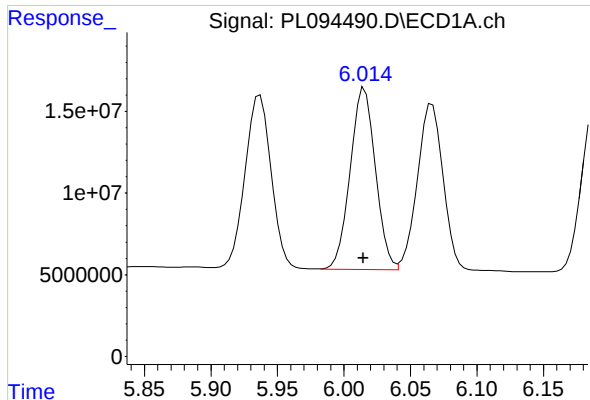
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 144976483
Conc: 49.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 224385641
Conc: 51.72 ng/ml



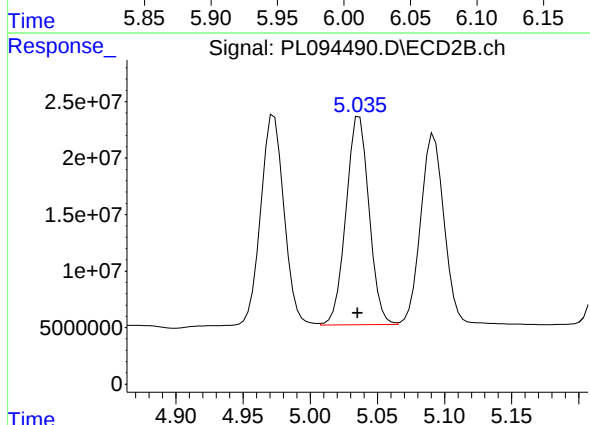
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 146997306
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

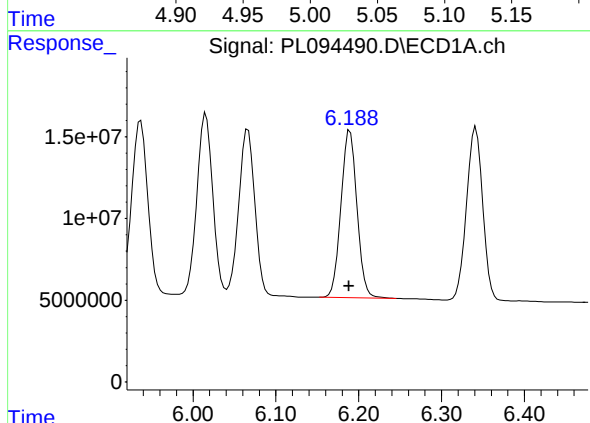
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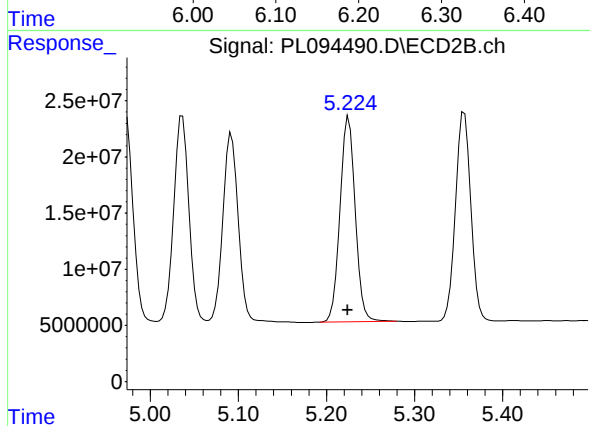
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 221087486
Conc: 51.21 ng/ml



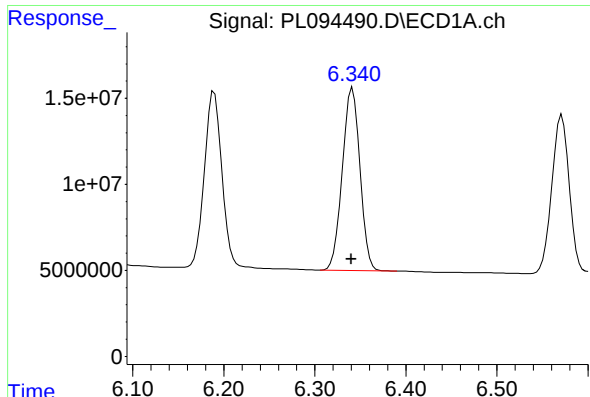
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.001 min
Response: 137696948
Conc: 52.72 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.001 min
Response: 219664788
Conc: 52.30 ng/ml



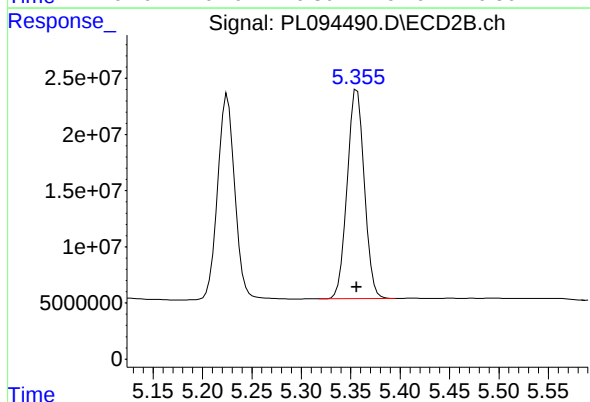
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.001 min
Response: 143362812
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

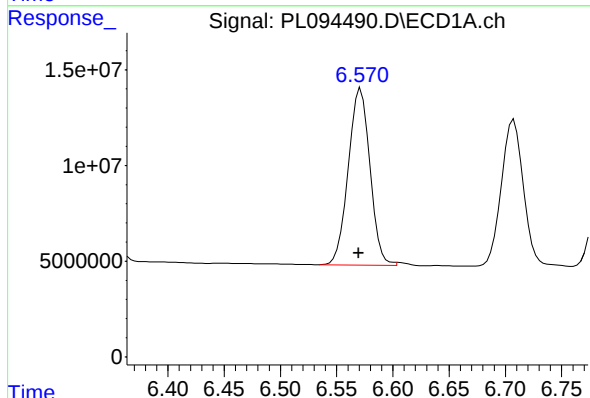
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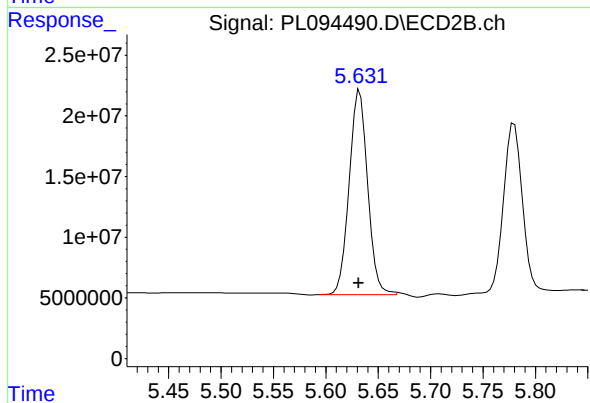
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 224797612
Conc: 51.30 ng/ml



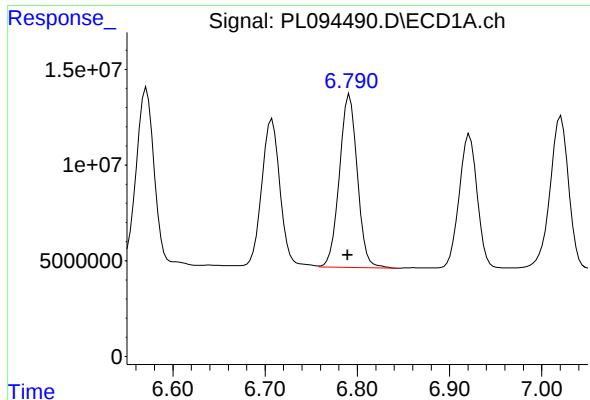
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 123581334
Conc: 48.42 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 208269613
Conc: 61.17 ng/ml m



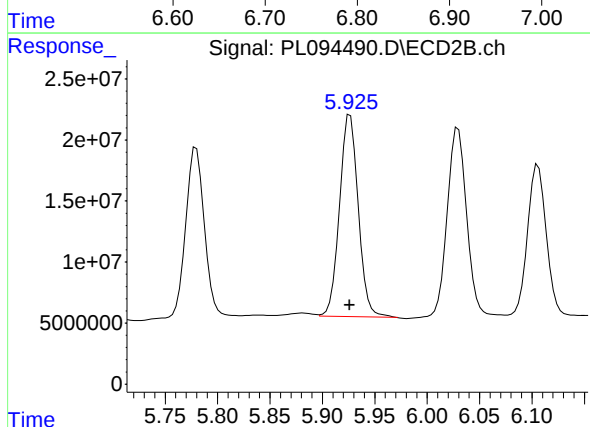
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 121633810
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

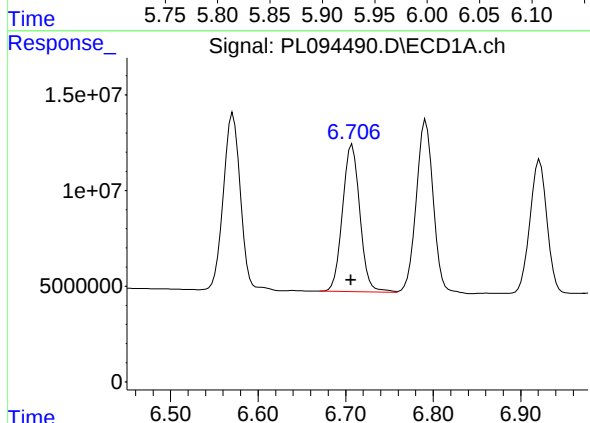
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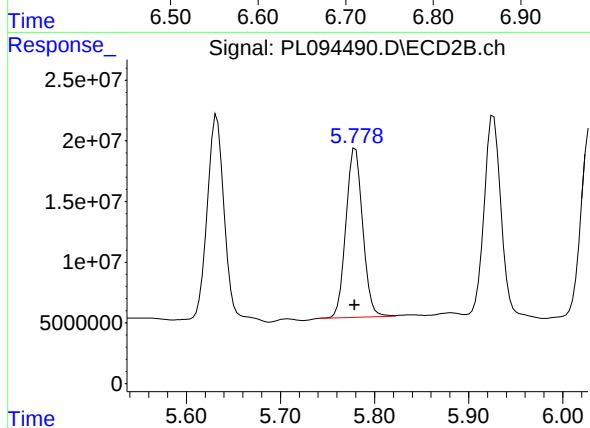
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 205898197
Conc: 55.06 ng/ml



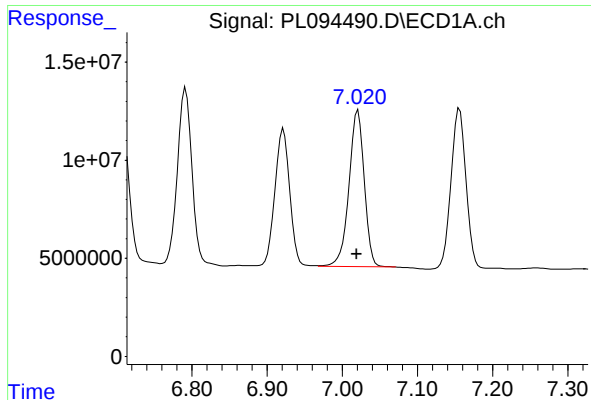
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.001 min
Response: 106094450
Conc: 57.36 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 173412744
Conc: 54.44 ng/ml



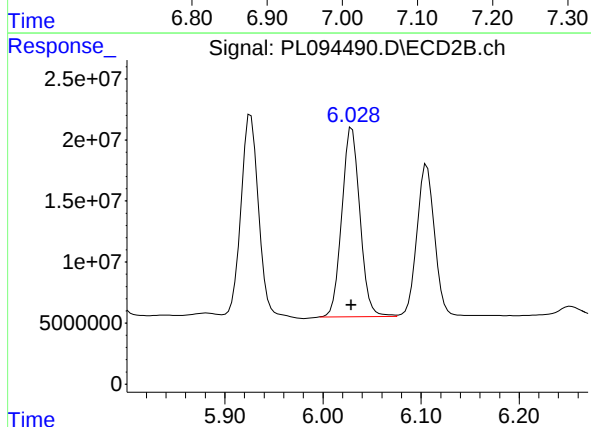
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 112649507
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

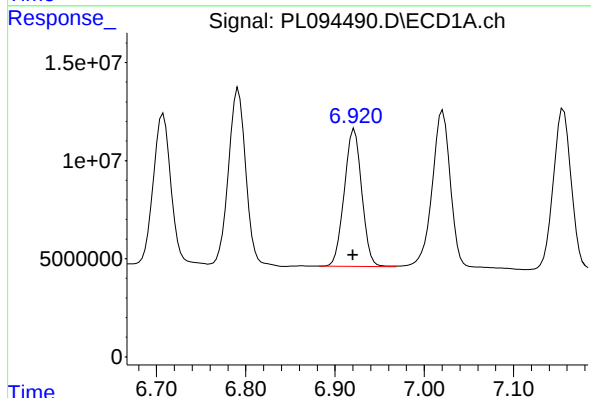
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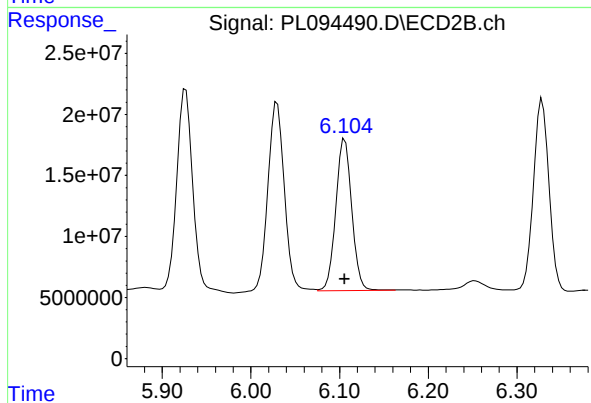
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 199100984
Conc: 55.97 ng/ml



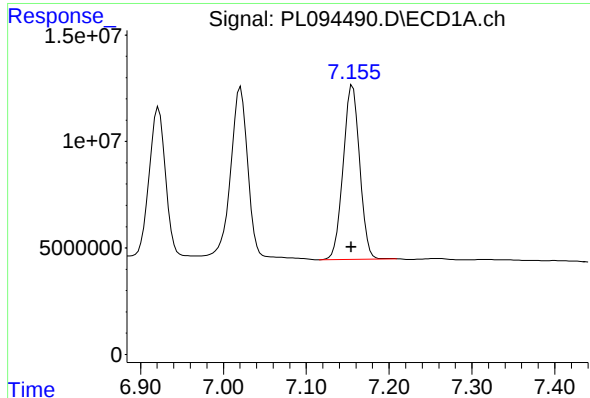
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 95389361
Conc: 49.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 155385889
Conc: 49.17 ng/ml



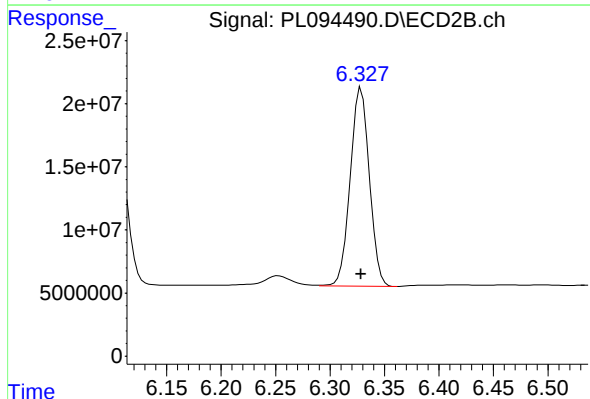
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 113268325
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

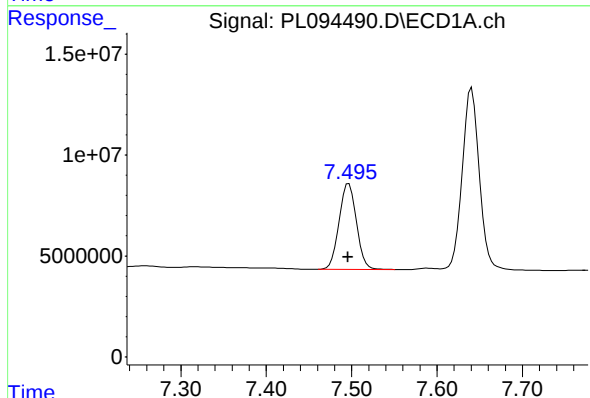
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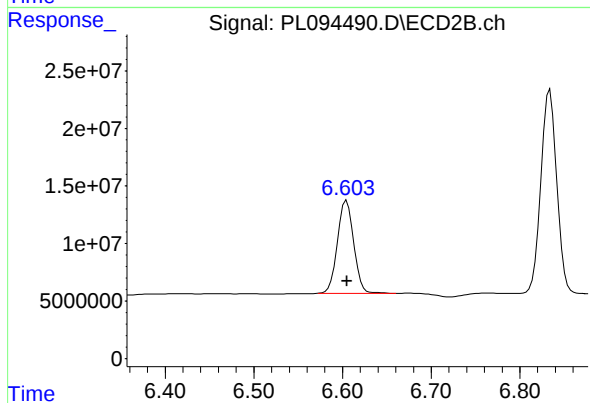
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 192447010
Conc: 52.10 ng/ml



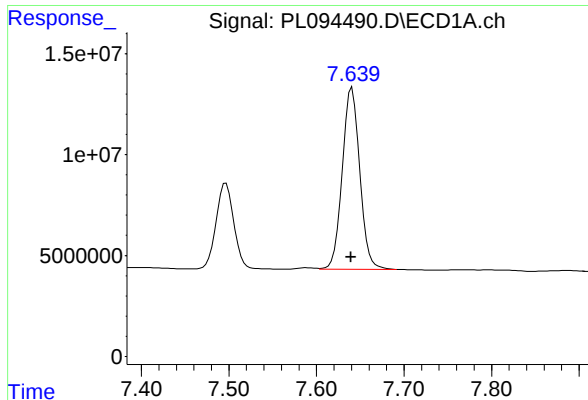
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.001 min
Response: 59862557
Conc: 53.88 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 103218928
Conc: 52.90 ng/ml



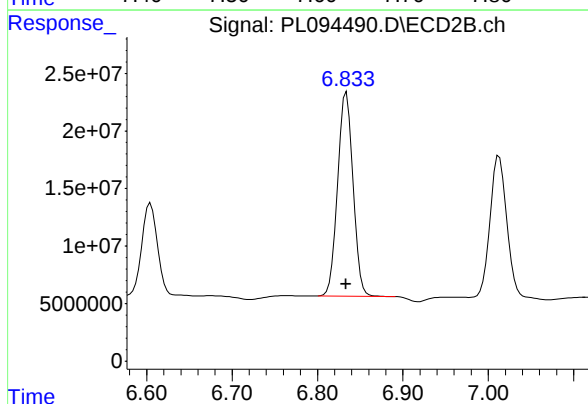
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.001 min
Response: 125083054
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

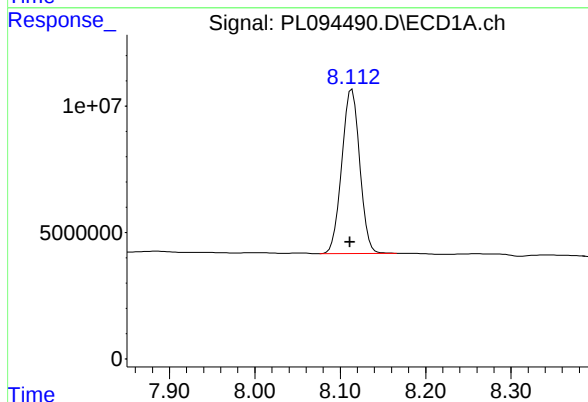
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



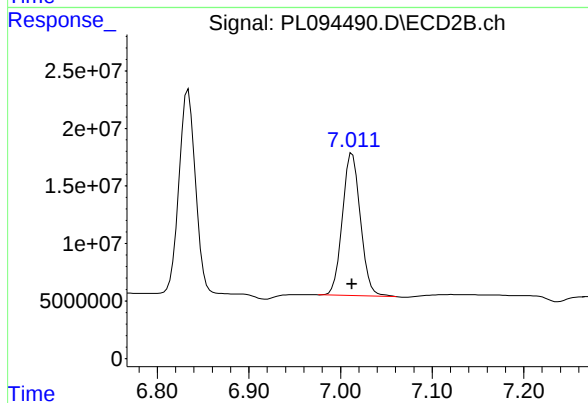
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 220809001
Conc: 51.74 ng/ml



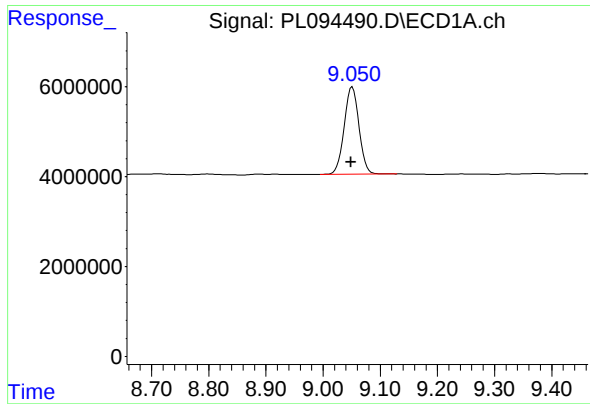
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 94716349
Conc: 45.91 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 170304062
Conc: 48.84 ng/ml



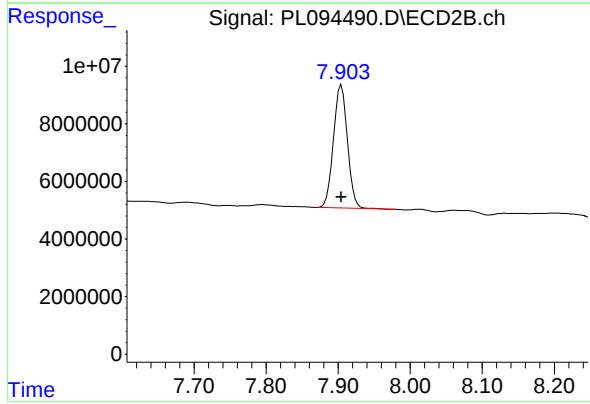
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 35119690
Conc: 16.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 57080328
Conc: 14.84 ng/ml