

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
 Data File : PL094483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2025 16:40
 Operator : AR\AJ
 Sample : PB166972BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166972BS

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 01:31:25 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...	3.538	2.771	53405865	63655060	21.033	19.947
28) SA Decachlor...	9.055	7.907	46890288	76148744	22.043	19.801
Target Compounds						
2) A alpha-BHC	3.995	3.274	187.8E6	249.6E6	49.639	50.778
3) MA gamma-BHC...	4.328	3.604	180.4E6	239.1E6	48.834	50.755
4) MA Heptachlor	4.915	3.942	177.5E6	250.8E6	52.341	53.142
5) MB Aldrin	5.256	4.221	167.5E6	233.0E6	48.808	50.433
6) B beta-BHC	4.526	3.904	81293556	105.3E6	50.907	52.941
7) B delta-BHC	4.772	4.133	177.7E6	237.3E6	50.214m	50.108
8) B Heptachlo...	5.684	4.724	155.0E6	221.7E6	51.437	52.101
9) A Endosulfan I	6.069	5.094	142.3E6	208.0E6	51.769	52.164
10) B gamma-Chl...	5.939	4.974	152.4E6	230.5E6	51.907	53.121
11) B alpha-Chl...	6.019	5.037	151.7E6	227.2E6	52.375	52.615
12) B 4,4'-DDE	6.192	5.226	141.7E6	228.1E6	54.271	54.303
13) MA Dieldrin	6.344	5.357	147.4E6	234.6E6	51.746	53.539
14) MA Endrin	6.573	5.634	127.3E6	213.6E6	49.864m	62.728 #
15) B Endosulfa...	6.794	5.928	129.6E6	206.6E6	51.479	55.251
16) A 4,4'-DDD	6.710	5.781	106.7E6	181.9E6	57.700	57.100
17) MA 4,4'-DDT	7.024	6.031	117.2E6	201.5E6	55.792	56.655
18) B Endrin al...	6.924	6.108	97431442	162.0E6	50.047	51.257
19) B Endosulfa...	7.159	6.331	114.6E6	200.1E6	50.624	54.161
20) A Methoxychlor	7.500	6.606	60647467	107.1E6	54.586	54.874
21) B Endrin ke...	7.644	6.836	127.3E6	224.7E6	50.799	52.653
22) Mirex	8.117	7.015	96060284	173.1E6	46.557	49.647

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
Data File : PL094483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2025 16:40
Operator : AR\AJ
Sample : PB166972BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

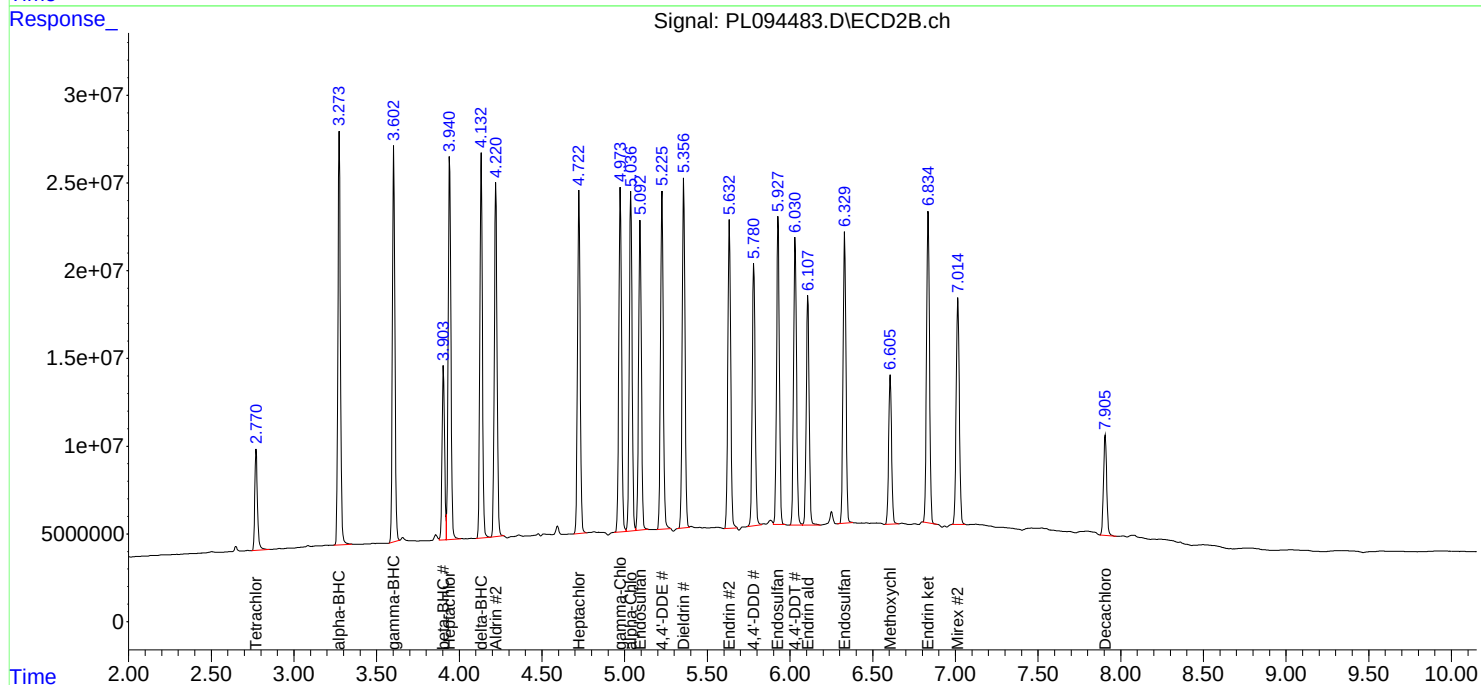
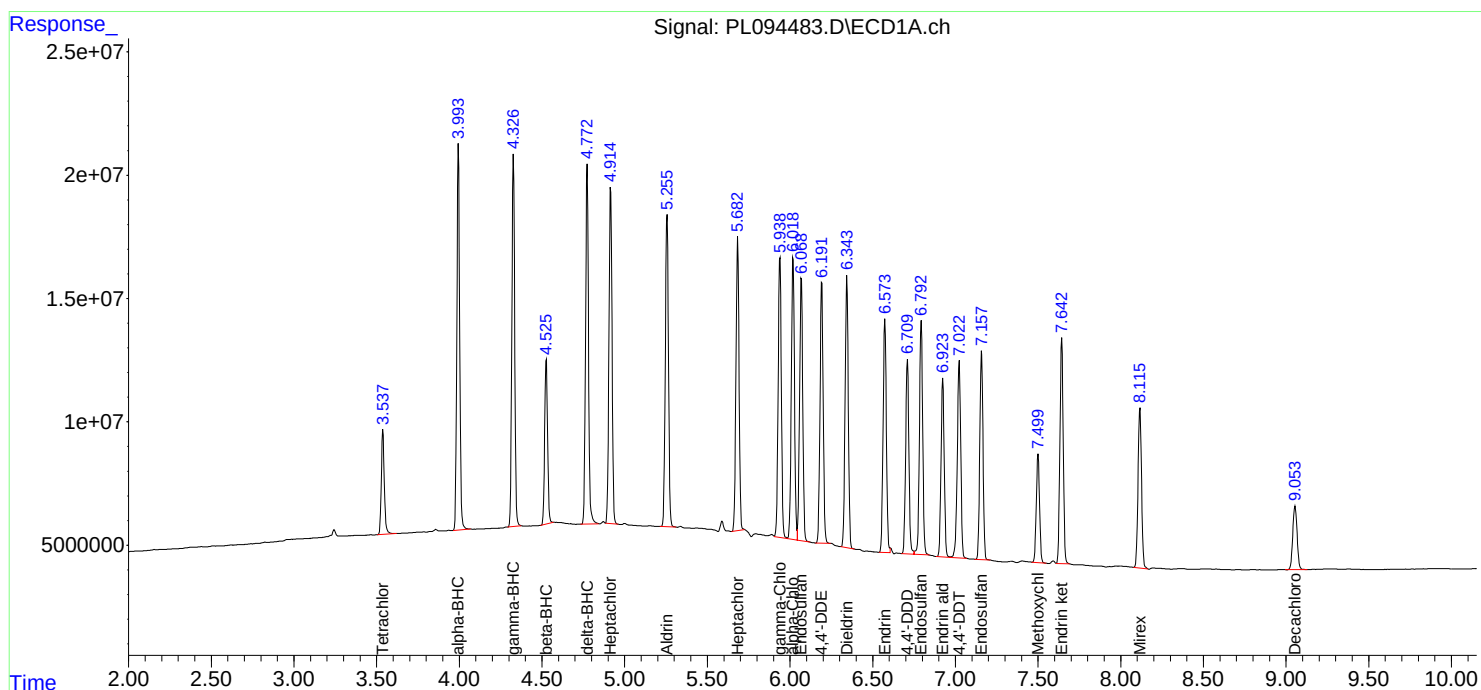
Instrument :
ECD_L
ClientSampleId :
PB166972BS

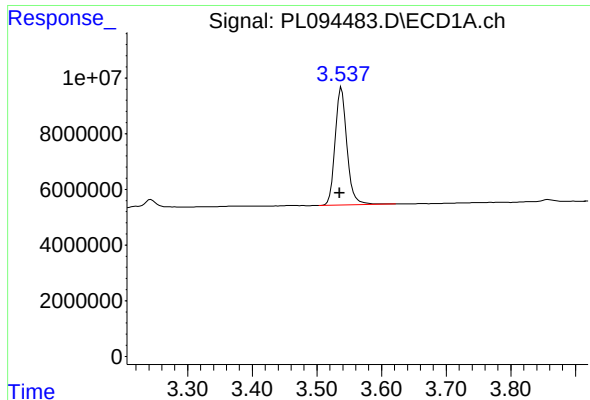
Manual Integrations
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Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 01:31:25 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





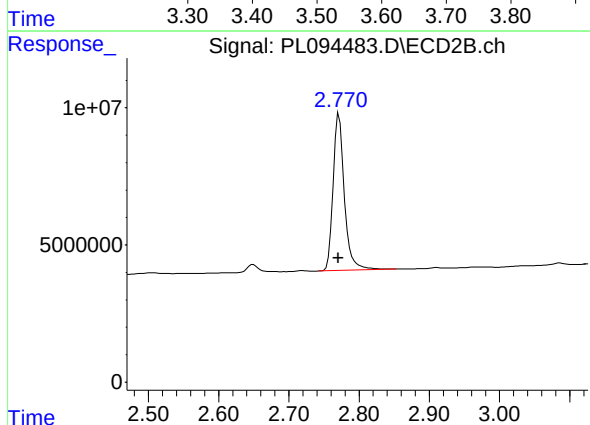
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 53405865
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

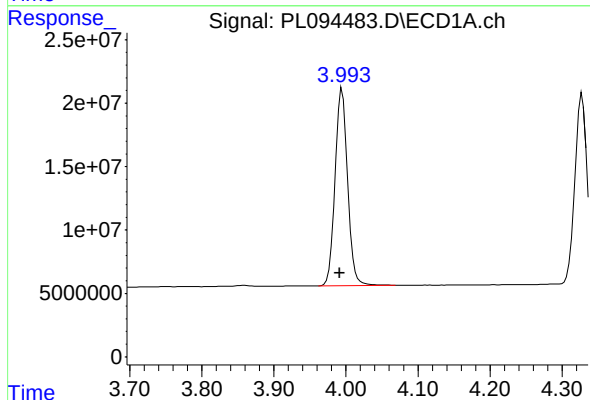
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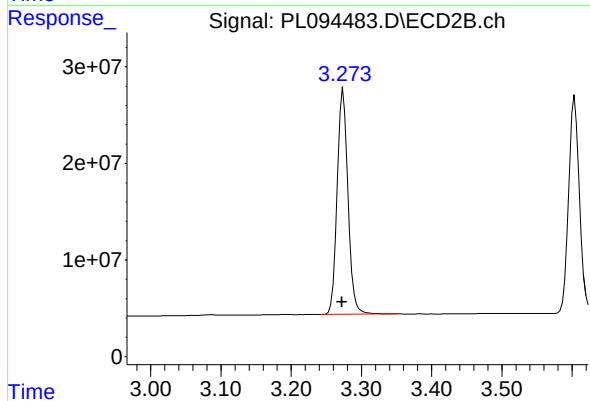
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 63655060
Conc: 19.95 ng/ml



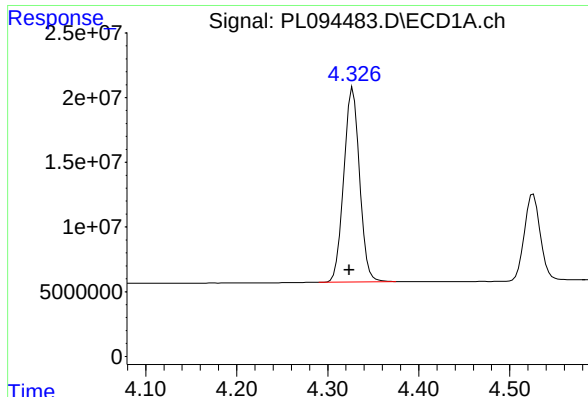
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 187769351
Conc: 49.64 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 249564545
Conc: 50.78 ng/ml



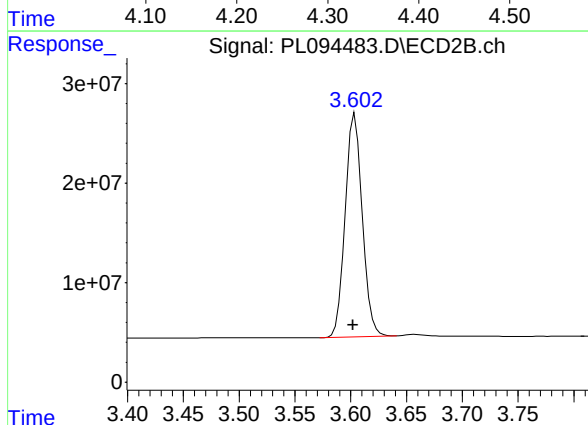
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.004 min
Response: 180428084
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

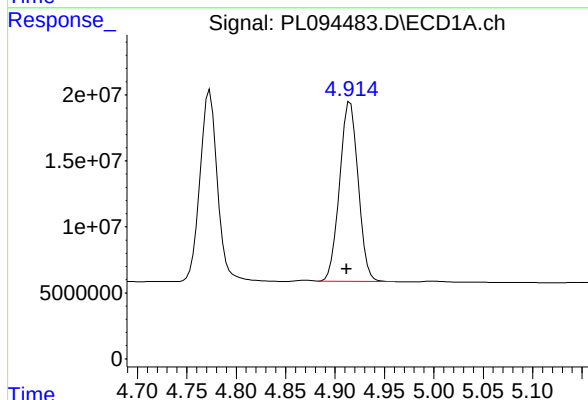
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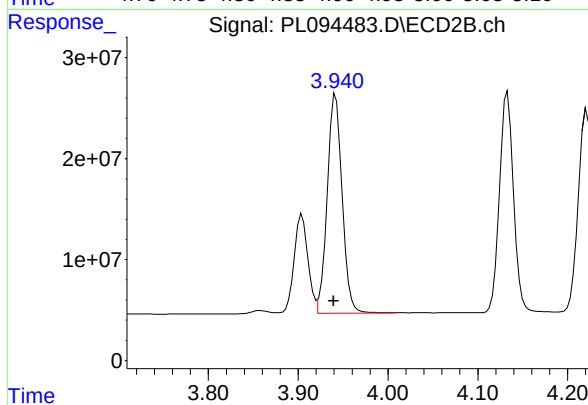
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 239054608
Conc: 50.76 ng/ml



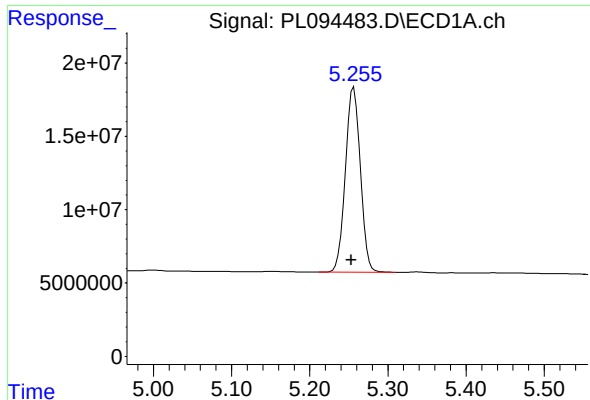
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 177454429
Conc: 52.34 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 250844446
Conc: 53.14 ng/ml



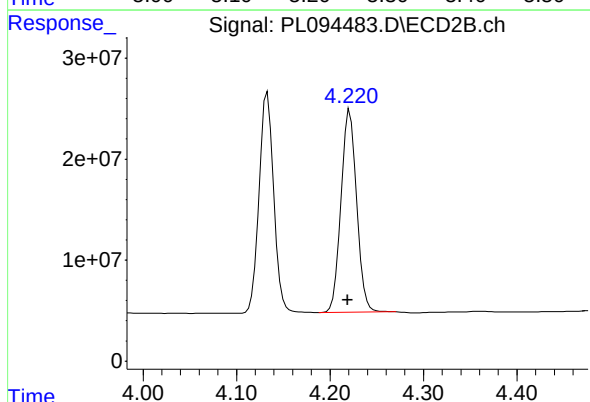
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 167496204
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

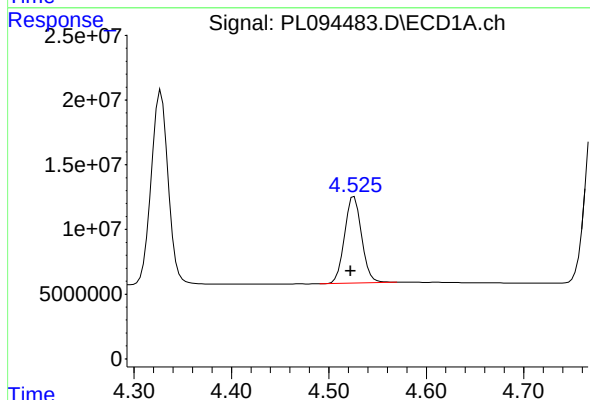
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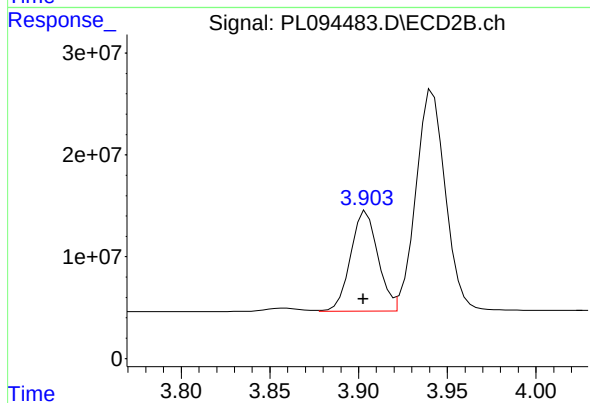
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 233020525
Conc: 50.43 ng/ml



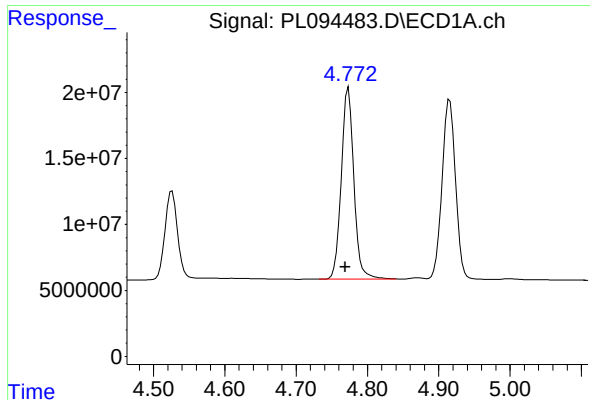
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.004 min
Response: 81293556
Conc: 50.91 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 105296222
Conc: 52.94 ng/ml



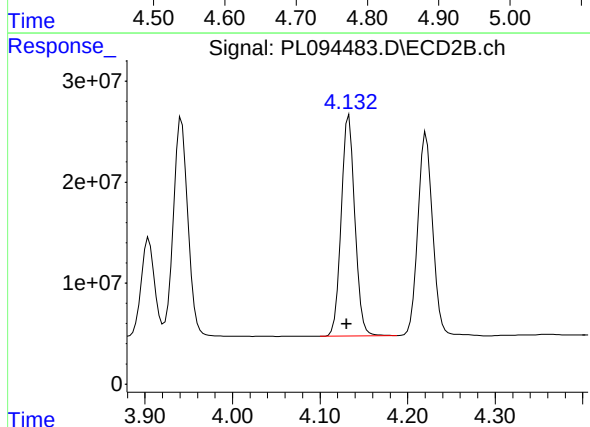
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 177672211
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

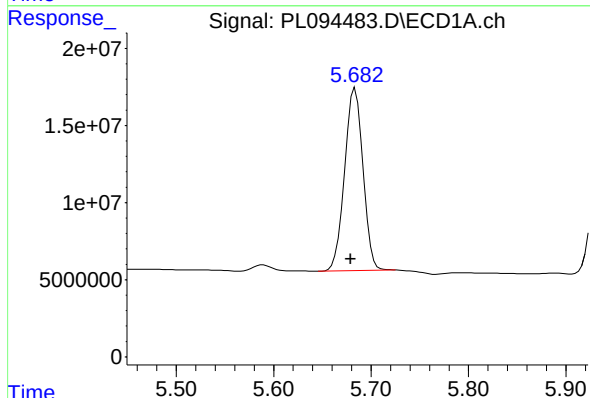
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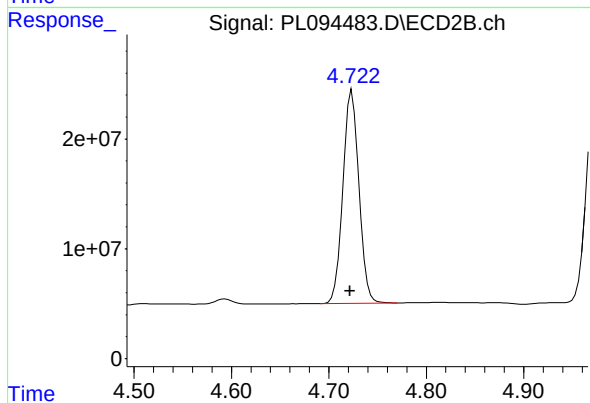
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.003 min
Response: 237297904
Conc: 50.11 ng/ml



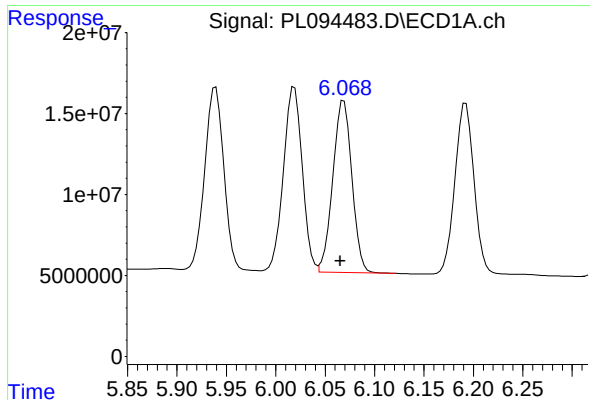
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.005 min
Response: 154998251
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 221710791
Conc: 52.10 ng/ml



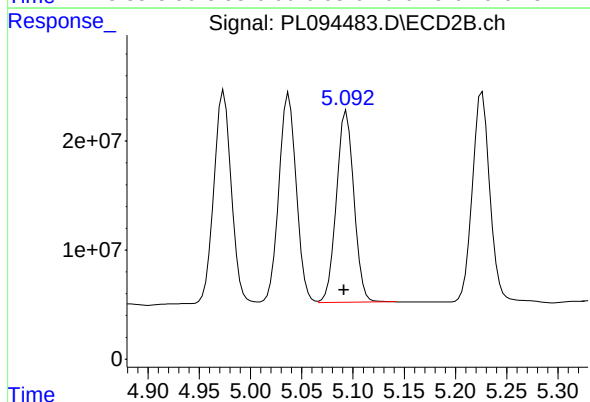
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.004 min
Response: 142294854
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

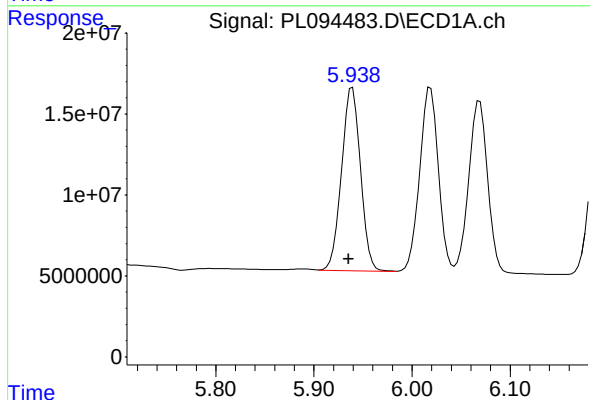
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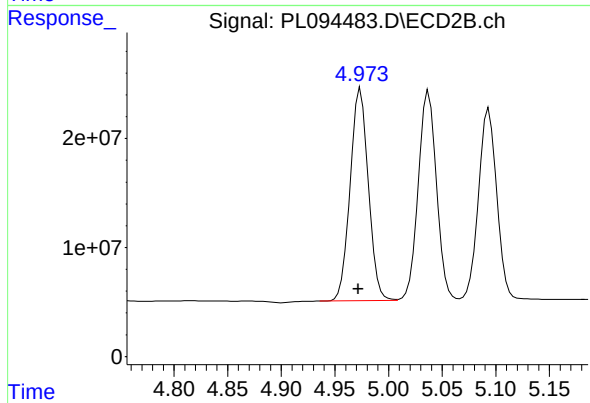
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.002 min
Response: 207957344
Conc: 52.16 ng/ml



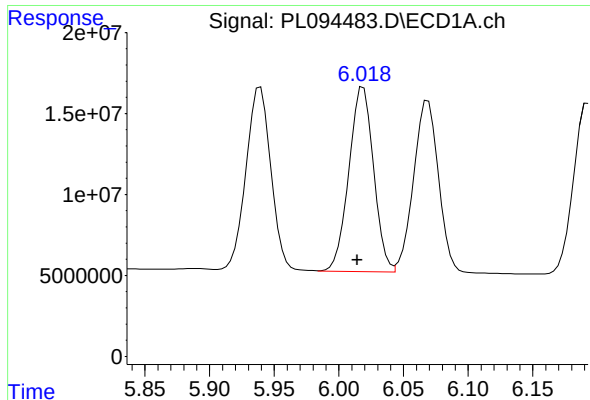
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 152405437
Conc: 51.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 230484132
Conc: 53.12 ng/ml



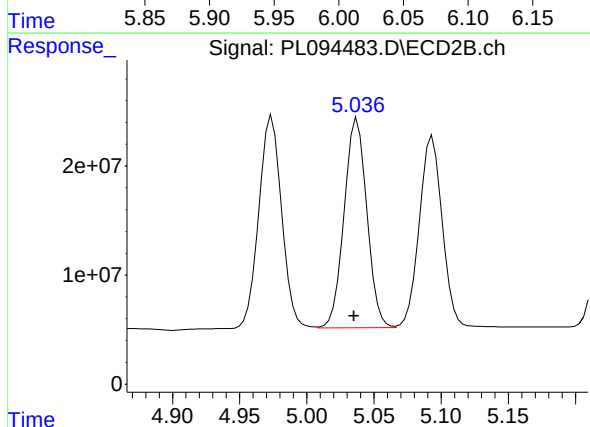
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 151734412
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

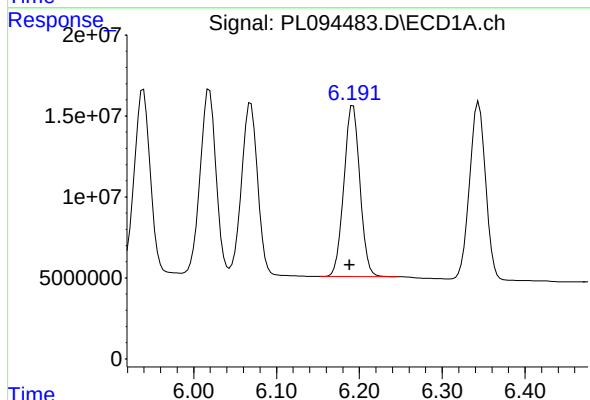
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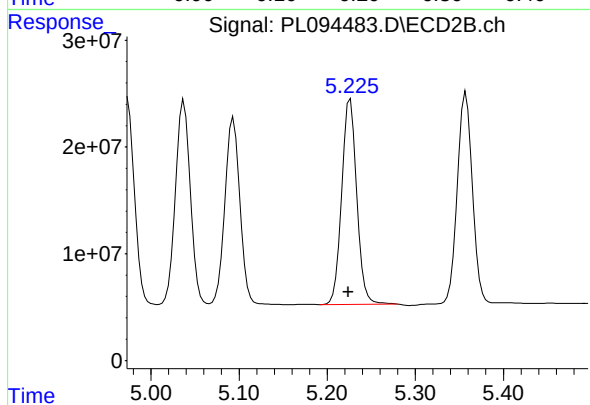
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 227172051
Conc: 52.62 ng/ml



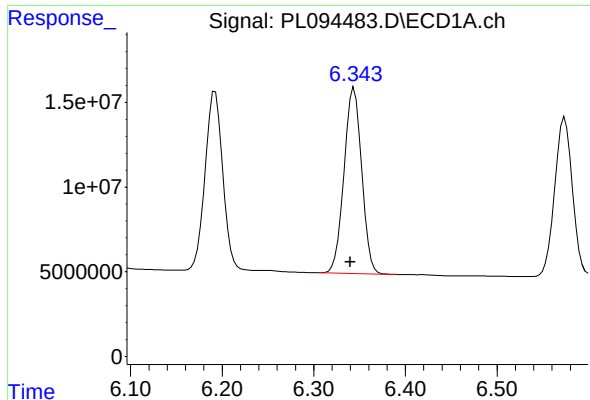
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 141741263
Conc: 54.27 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 228073825
Conc: 54.30 ng/ml



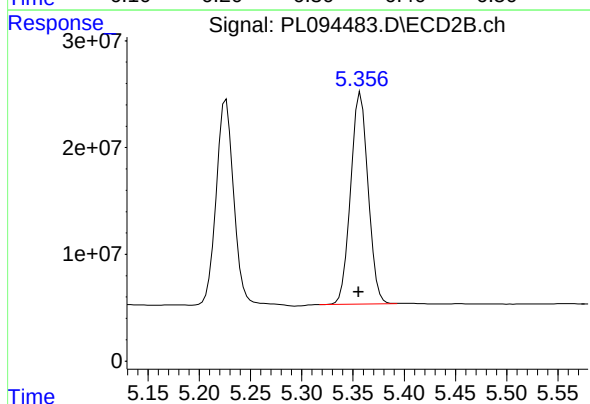
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 147426402
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

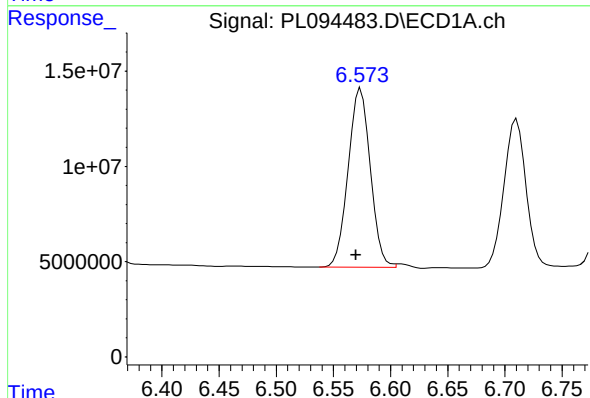
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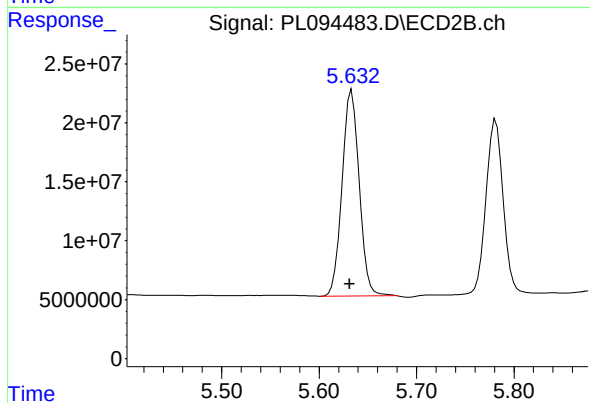
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 234596549
Conc: 53.54 ng/ml



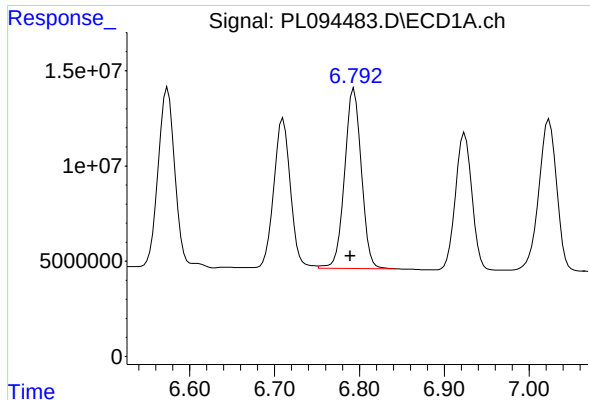
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 127266633
Conc: 49.86 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 213569930
Conc: 62.73 ng/ml



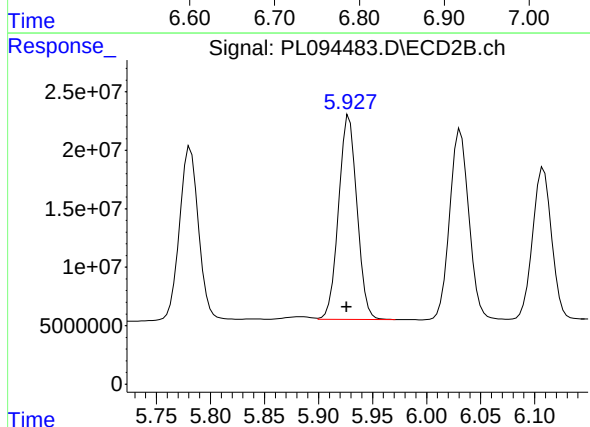
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 129584790
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

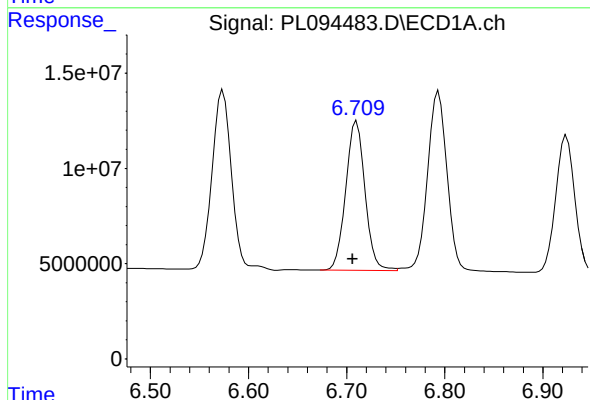
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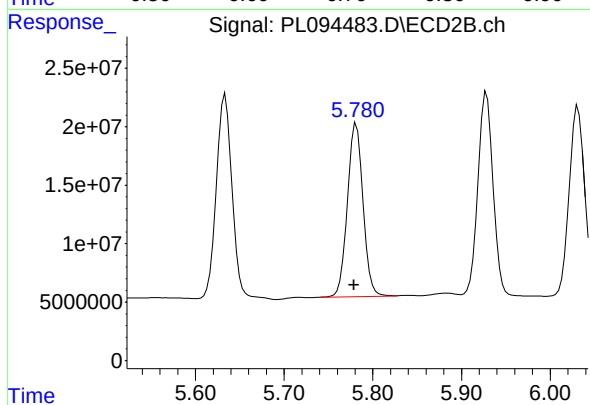
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 206614123
Conc: 55.25 ng/ml



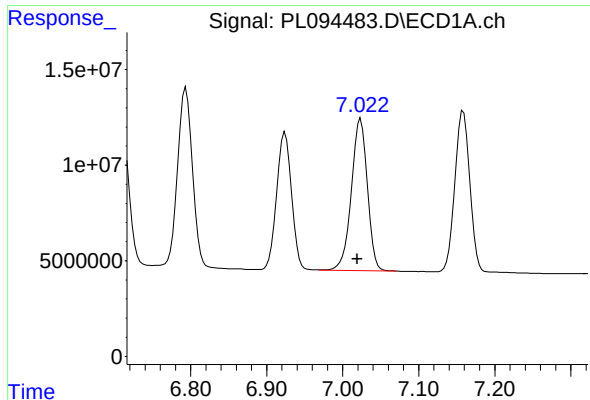
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 106730619
Conc: 57.70 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: 181880941
Conc: 57.10 ng/ml



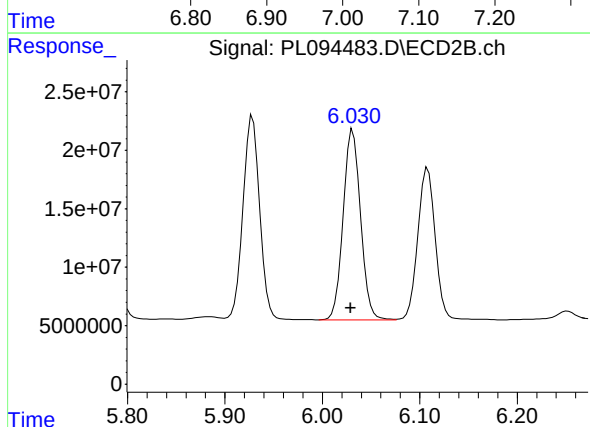
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 117164337
Conc: 55.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

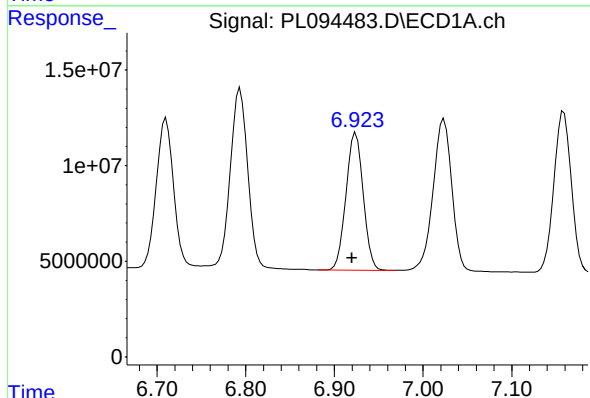
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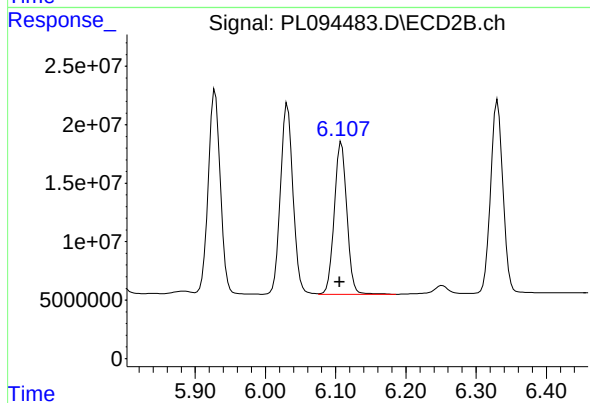
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 201521082
Conc: 56.65 ng/ml



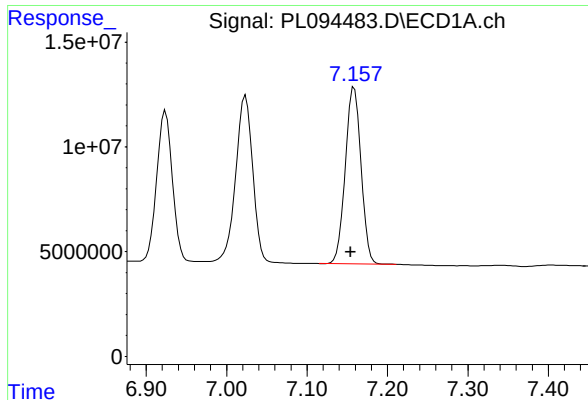
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 97431442
Conc: 50.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 161993336
Conc: 51.26 ng/ml



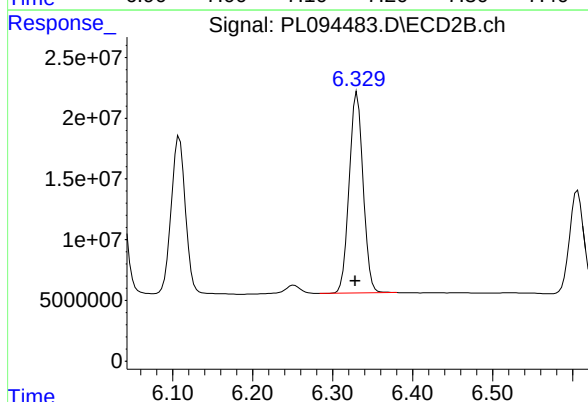
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.004 min
Response: 114603640
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

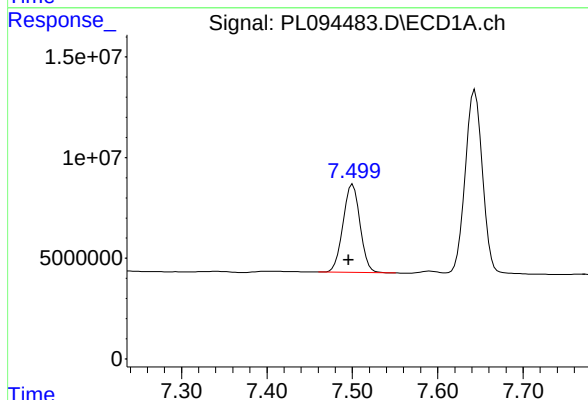
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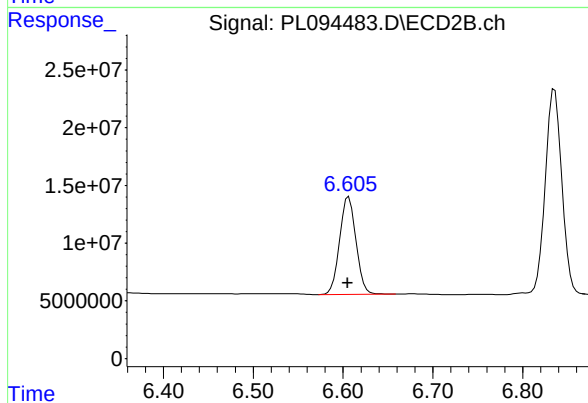
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 200052633
Conc: 54.16 ng/ml



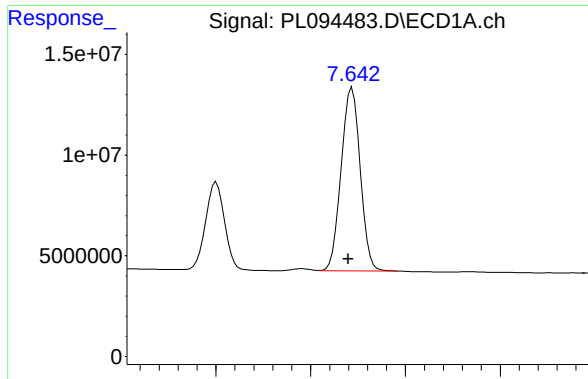
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.005 min
Response: 60647467
Conc: 54.59 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 107059755
Conc: 54.87 ng/ml



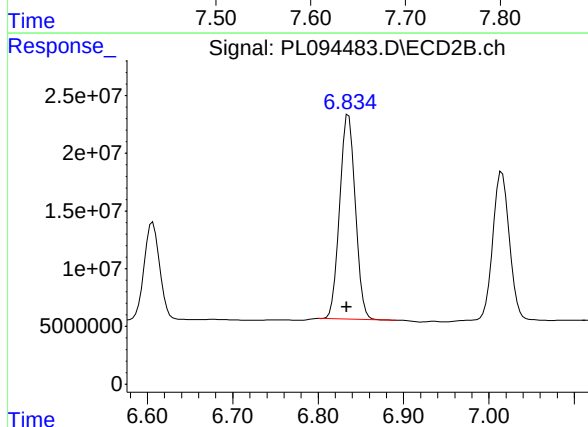
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 127347940
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

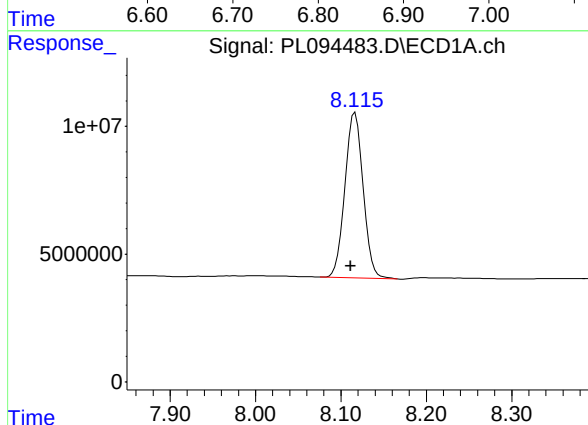
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Reviewed By :Abdul Mirza 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



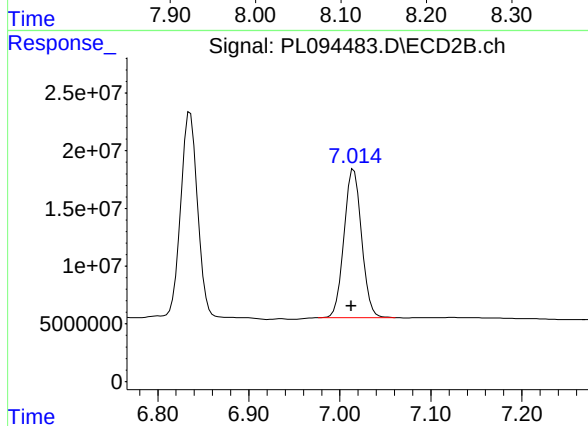
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 224696755
Conc: 52.65 ng/ml



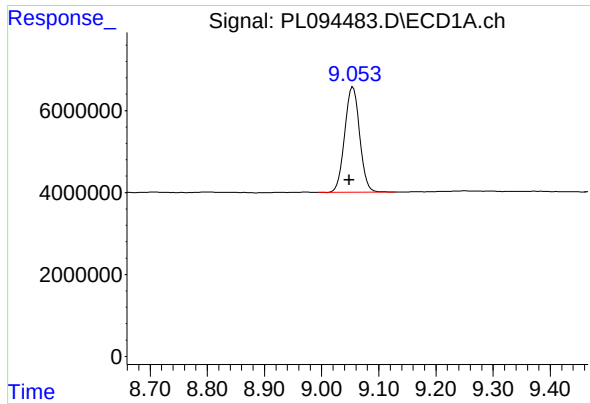
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.005 min
Response: 96060284
Conc: 46.56 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 173119458
Conc: 49.65 ng/ml



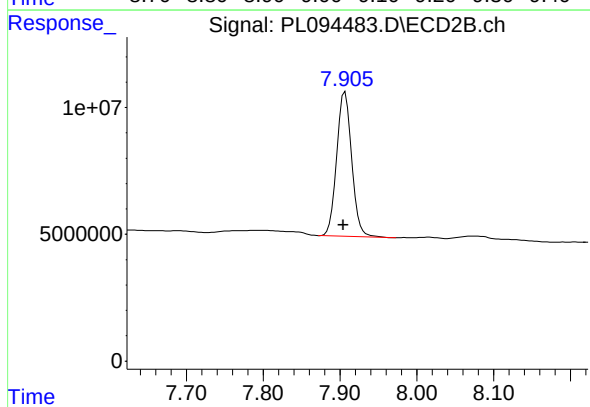
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 46890288
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166972BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 76148744
Conc: 19.80 ng/ml