

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 19:45
 Operator : AR\AJ
 Sample : PB166359BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166359BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 01:37:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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	2.774	55326192	65317876	20.546	20.011
28) SA Decachlor...	9.054	7.910	48909884	77024089	23.380	21.981
Target Compounds						
2) A alpha-BHC	3.994	3.277	186.0E6	243.7E6	48.513	49.837
3) MA gamma-BHC...	4.327	3.607	176.9E6	232.5E6	48.023	49.041
4) MA Heptachlor	4.915	3.945	162.8E6	232.1E6	49.673	49.872
5) MB Aldrin	5.256	4.225	158.5E6	226.0E6	48.457	49.551
6) B beta-BHC	4.525	3.907	79902989	101.7E6	49.712	50.904
7) B delta-BHC	4.772	4.135	172.3E6	233.8E6	49.160	49.212
8) B Heptachlo...	5.683	4.727	142.3E6	214.8E6	47.845	51.384
9) A Endosulfan I	6.068	5.097	129.4E6	205.2E6	48.970	52.927
10) B gamma-Chl...	5.938	4.977	138.3E6	226.5E6	49.624	53.442
11) B alpha-Chl...	6.018	5.041	138.4E6	221.4E6	49.622	52.879
12) B 4,4'-DDE	6.192	5.230	129.0E6	218.6E6	53.002	54.511
13) MA Dieldrin	6.343	5.361	137.1E6	223.0E6	49.403	51.917
14) MA Endrin	6.571	5.637	105.1E6	178.1E6	44.817m	48.226
15) B Endosulfa...	6.793	5.931	120.4E6	195.3E6	49.973	52.728
16) A 4,4'-DDD	6.709	5.784	108.0E6	185.8E6	56.851	58.848
17) MA 4,4'-DDT	7.023	6.034	98199203	160.3E6	49.795	49.249
18) B Endrin al...	6.923	6.111	97179453	154.9E6	49.988	50.872
19) B Endosulfa...	7.158	6.333	113.1E6	187.0E6	49.964	52.445
20) A Methoxychlor	7.500	6.610	51087245	85002231	48.962	47.537
21) B Endrin ke...	7.644	6.839	129.6E6	224.4E6	51.386	53.494
22) Mirex	8.116	7.019	95399893	157.1E6	45.811	46.467

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 19:45
Operator : AR\AJ
Sample : PB166359BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

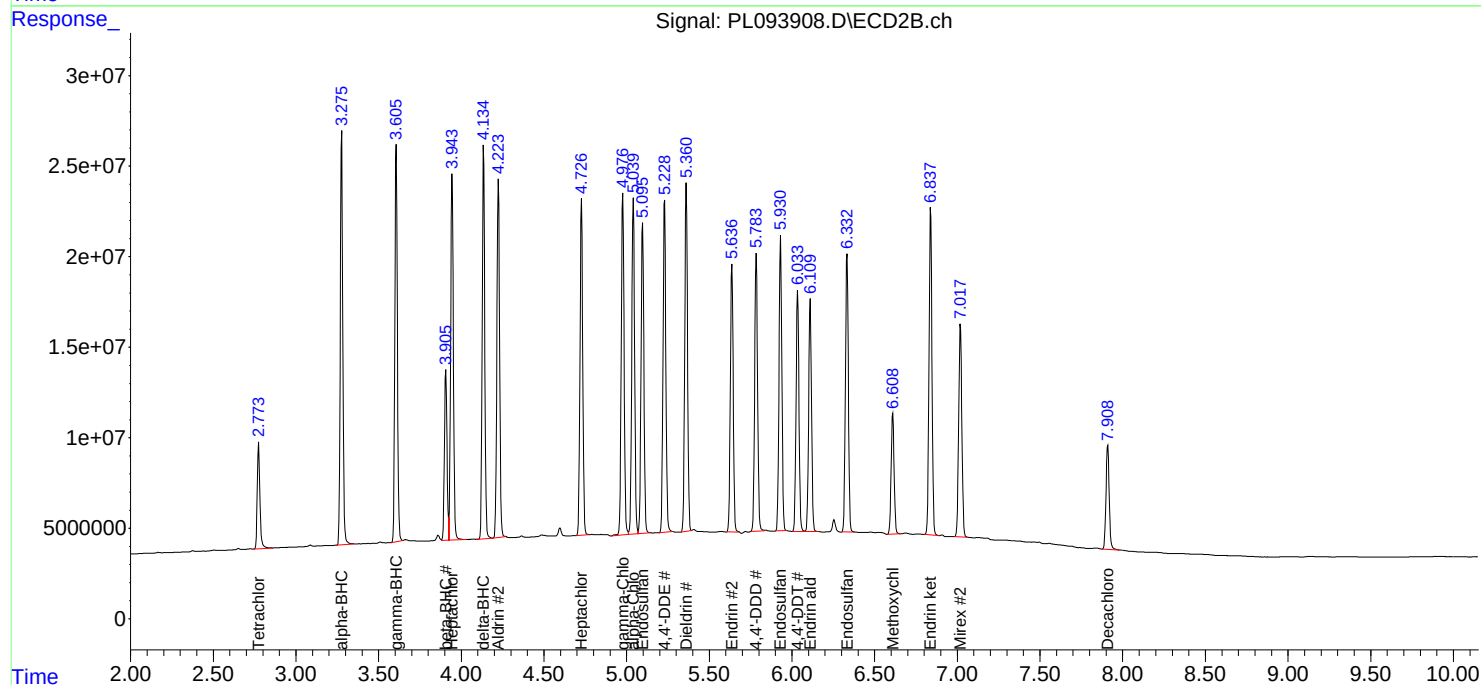
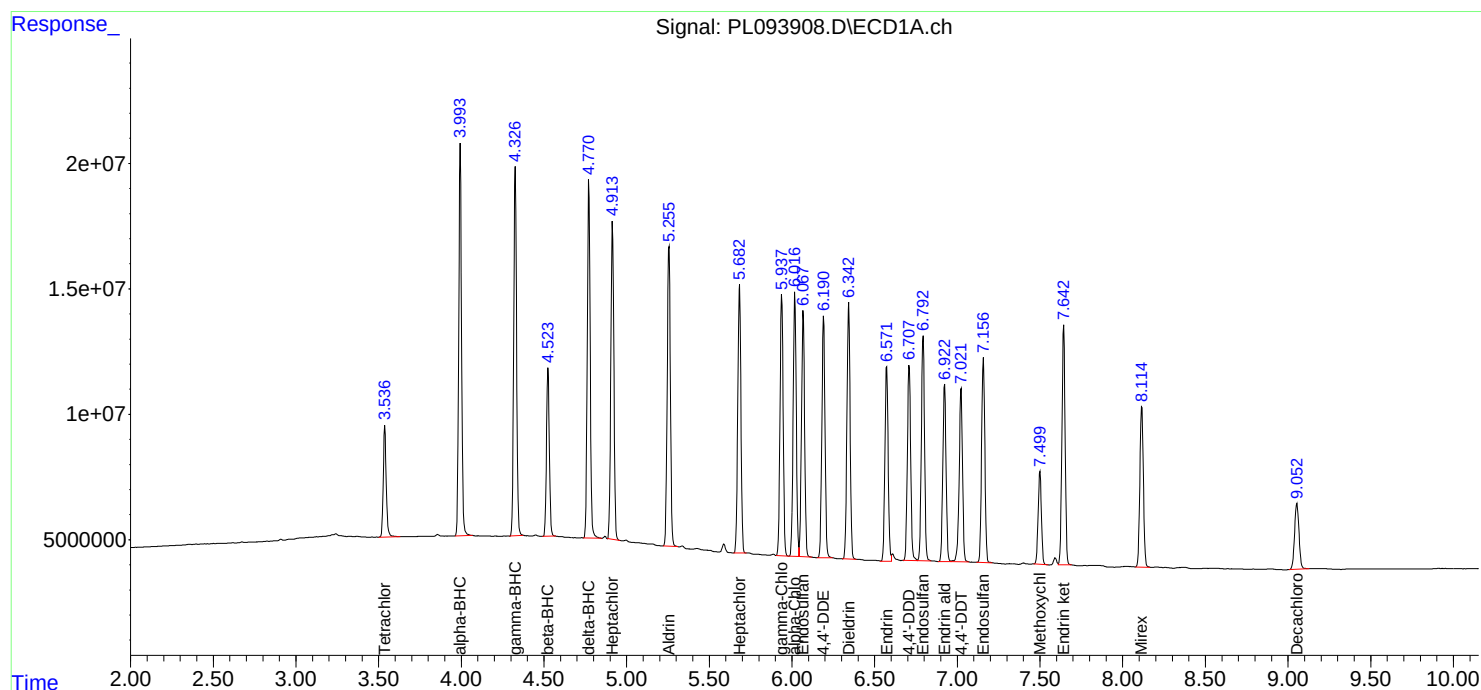
Instrument :
ECD_L
ClientSampleId :
PB166359BS

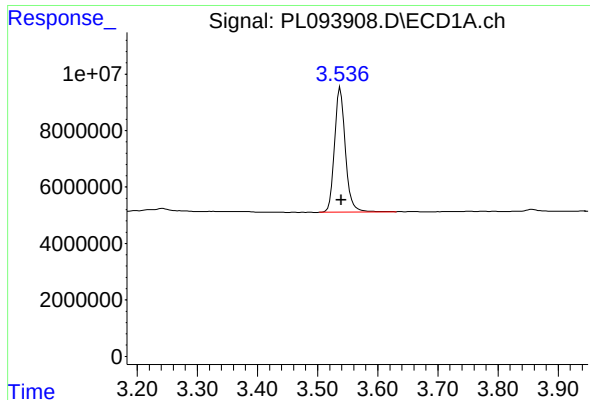
Manual Integrations
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Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 01:37:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





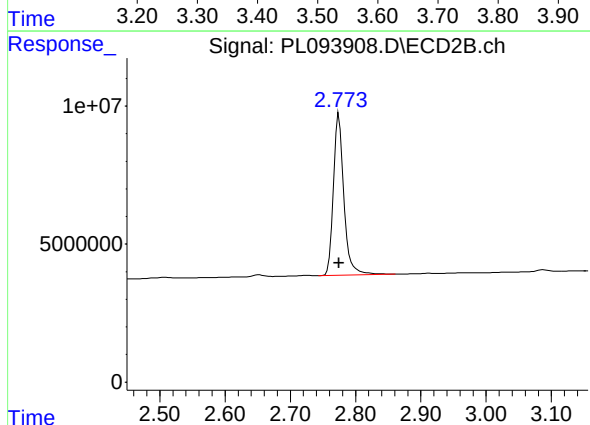
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 55326192
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

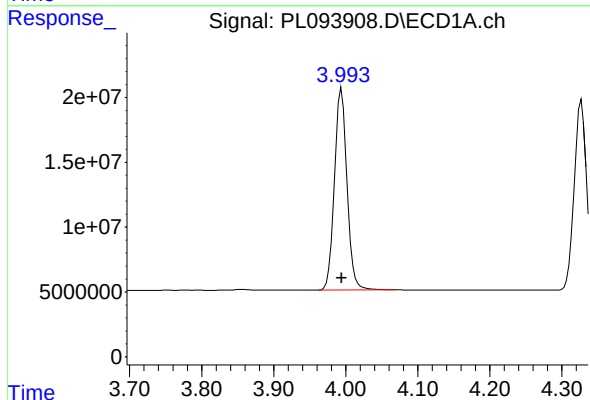
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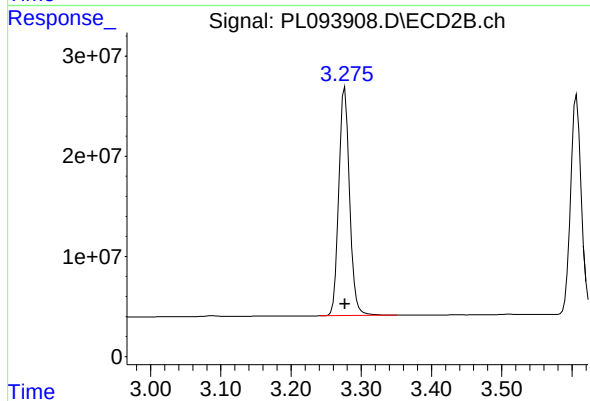
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65317876
Conc: 20.01 ng/ml



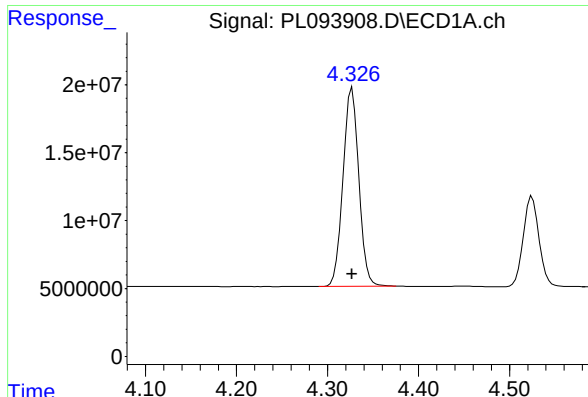
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 185993054
Conc: 48.51 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 243653730
Conc: 49.84 ng/ml



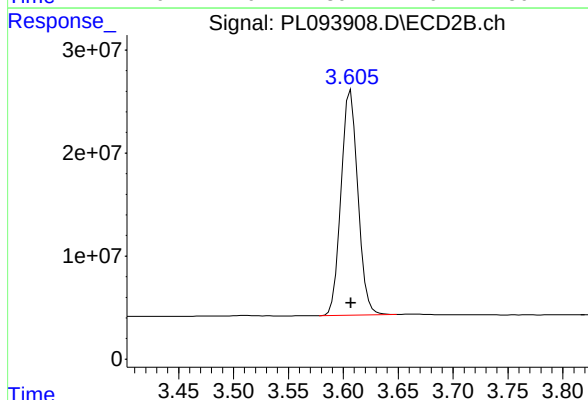
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 176860535
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

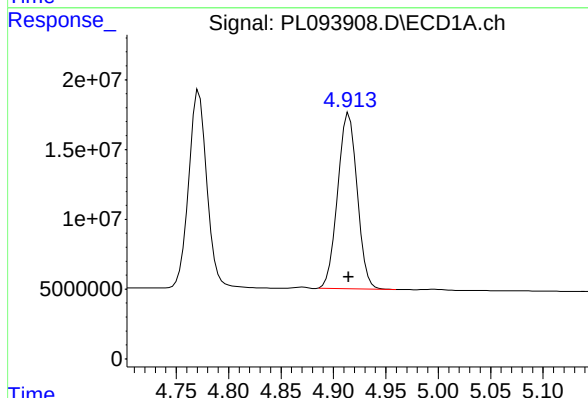
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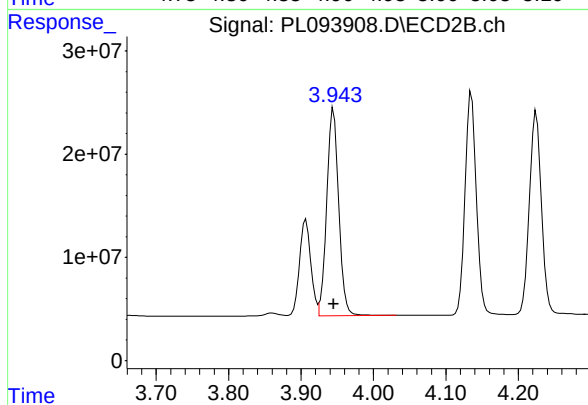
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 232513115
Conc: 49.04 ng/ml



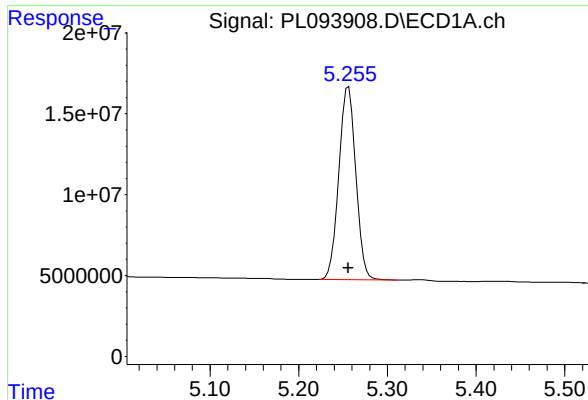
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 162794809
Conc: 49.67 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 232144985
Conc: 49.87 ng/ml



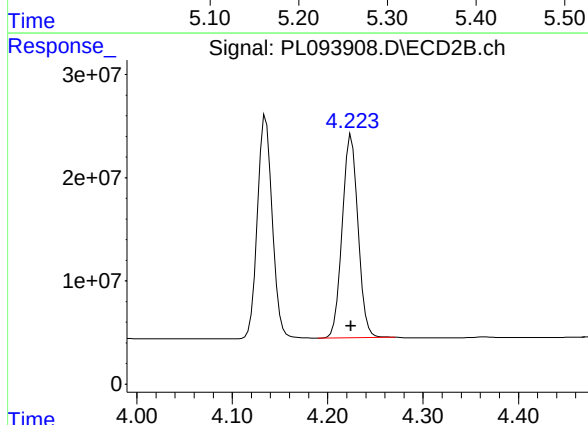
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 158548575
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

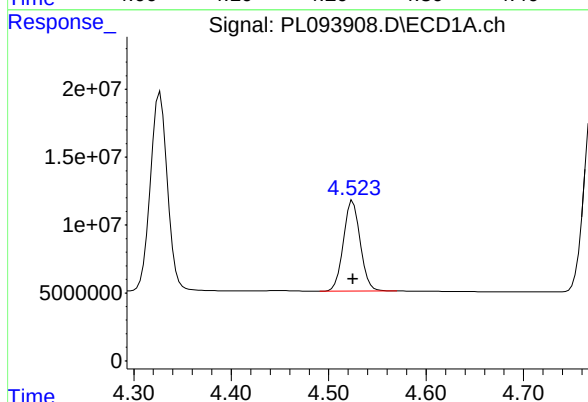
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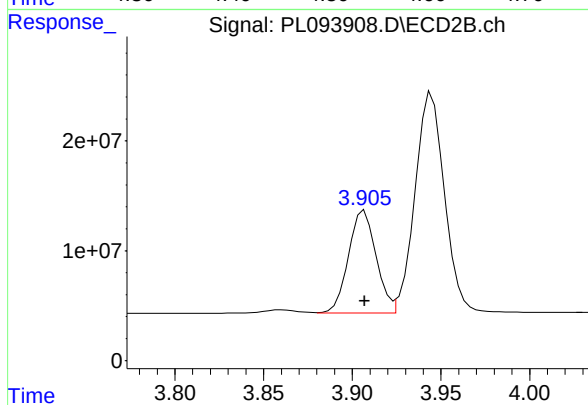
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 226039641
Conc: 49.55 ng/ml



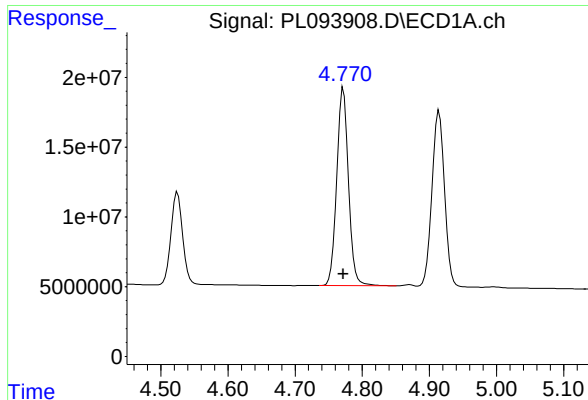
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 79902989
Conc: 49.71 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 101677478
Conc: 50.90 ng/ml



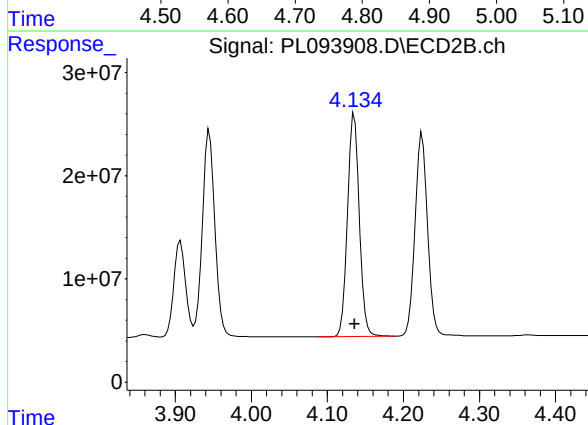
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 172320436
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

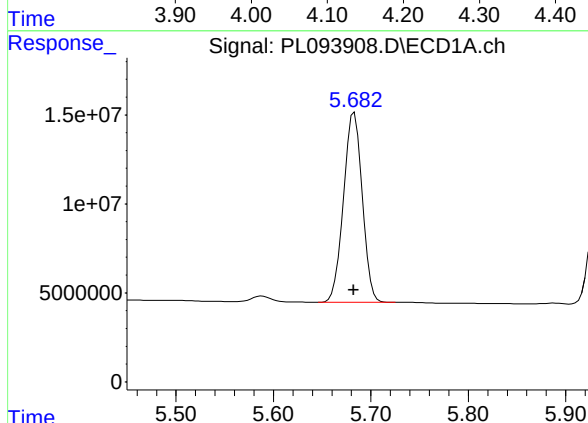
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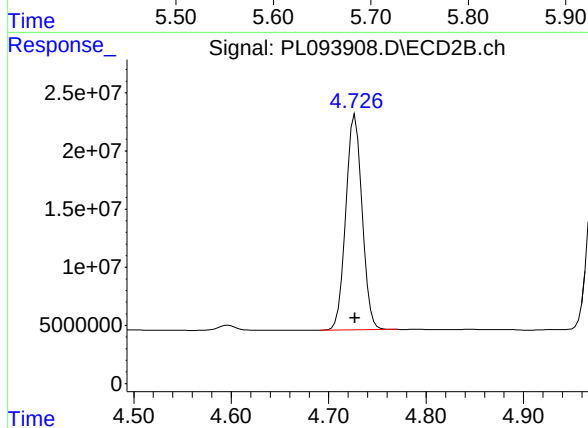
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 233819043
Conc: 49.21 ng/ml



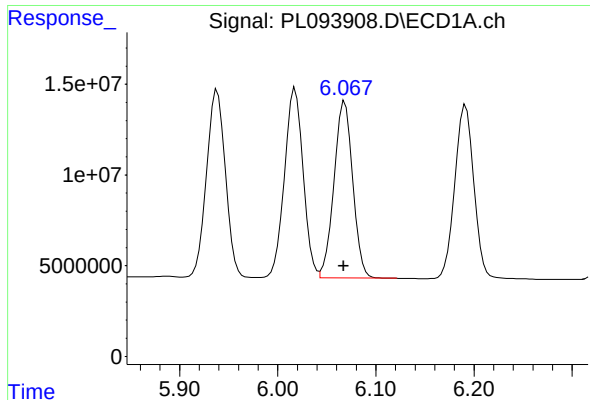
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 142281728
Conc: 47.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 214800234
Conc: 51.38 ng/ml



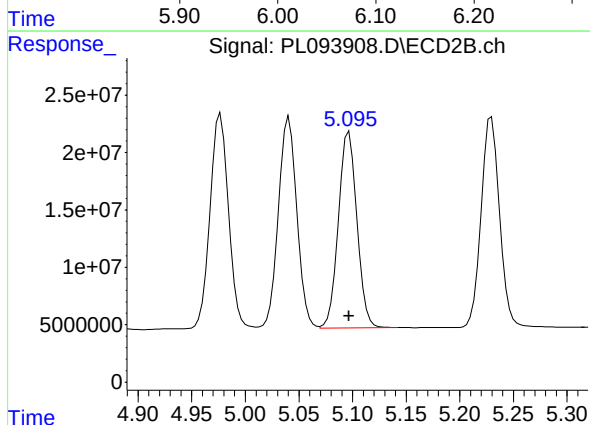
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.001 min
Response: 129420961
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

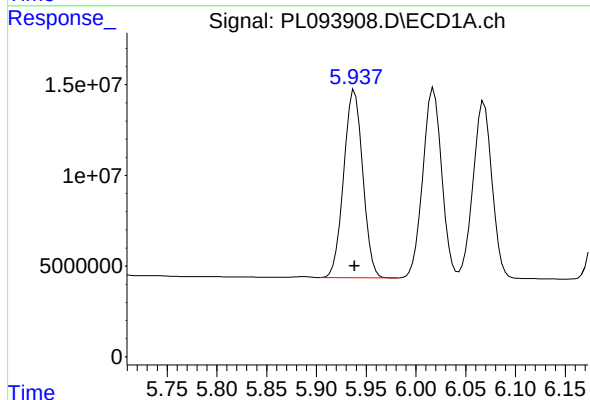
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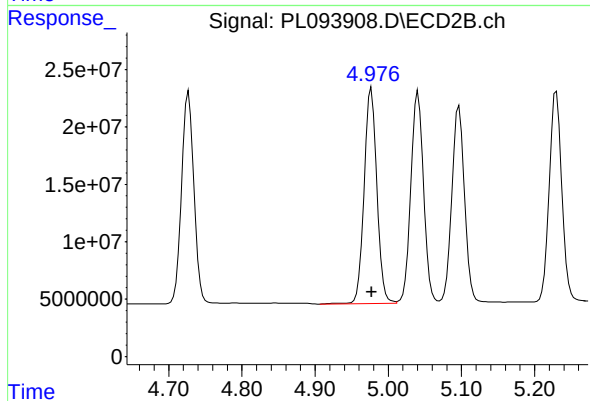
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 205192573
Conc: 52.93 ng/ml



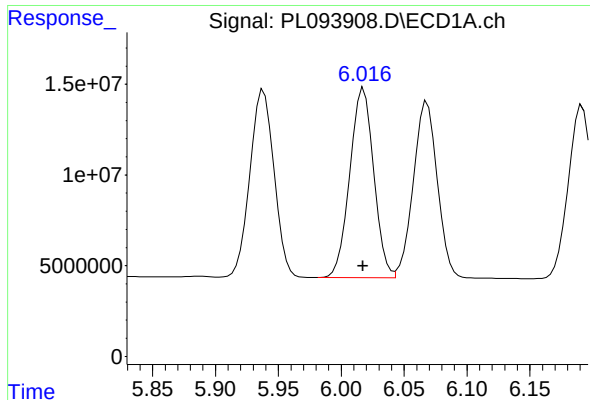
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 138320621
Conc: 49.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 226466041
Conc: 53.44 ng/ml



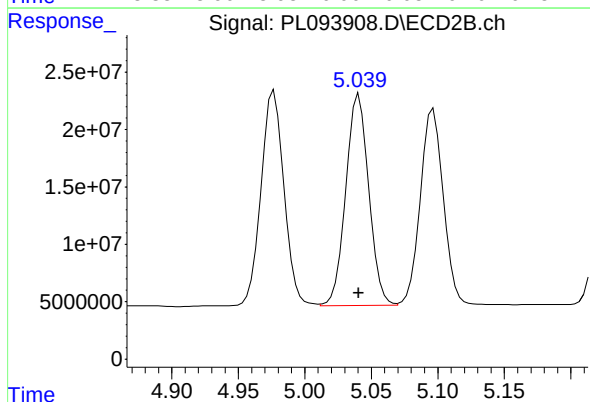
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 138367061
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

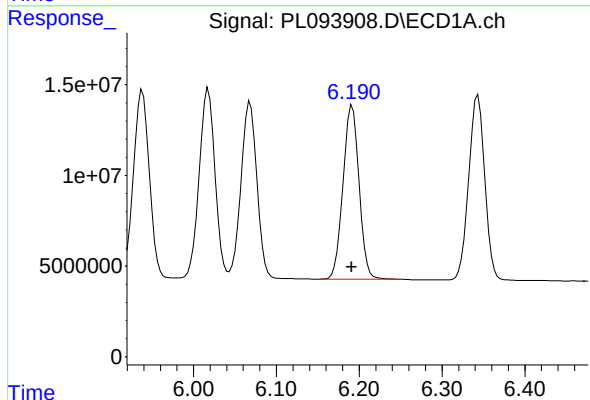
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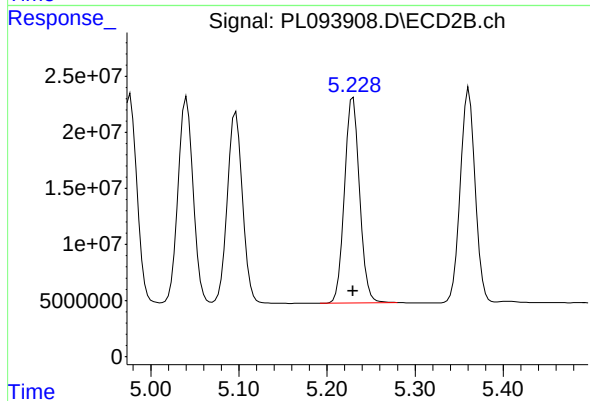
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 221381635
Conc: 52.88 ng/ml



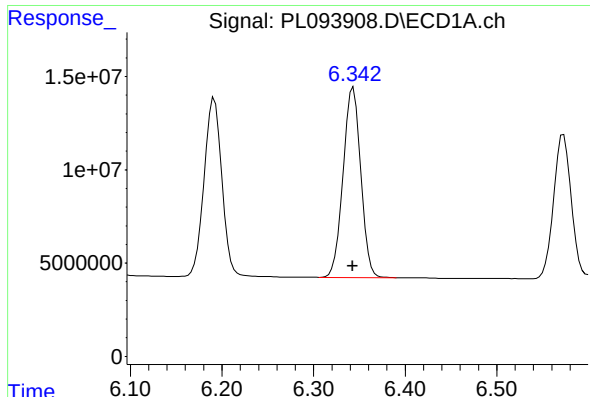
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 129038940
Conc: 53.00 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 218559213
Conc: 54.51 ng/ml



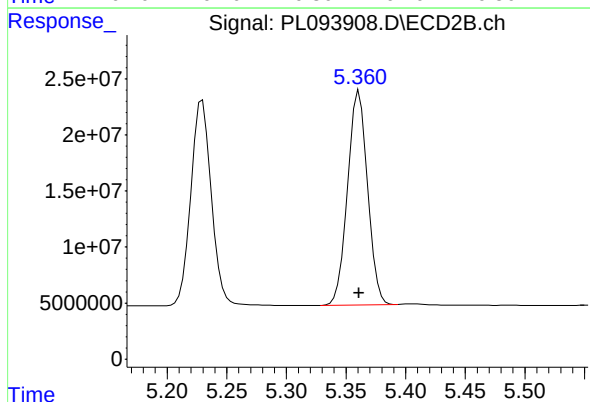
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 137134513
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

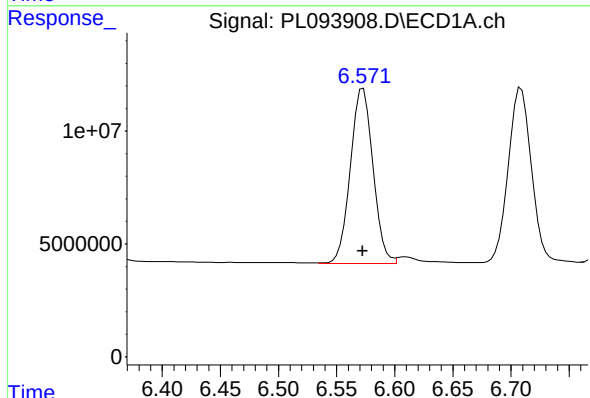
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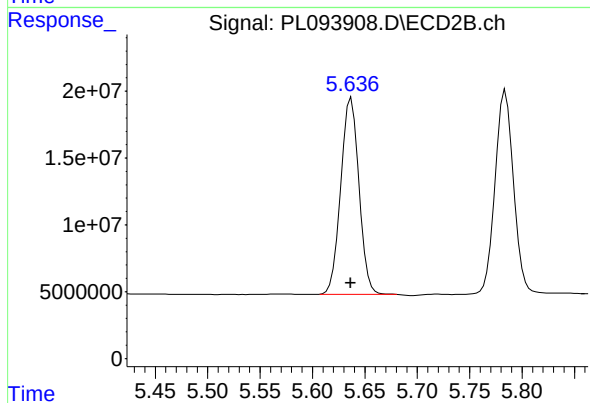
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 223017415
Conc: 51.92 ng/ml



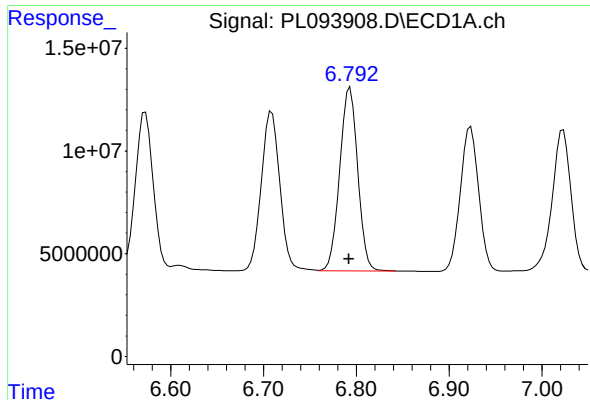
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 105088807
Conc: 44.82 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 178083444
Conc: 48.23 ng/ml



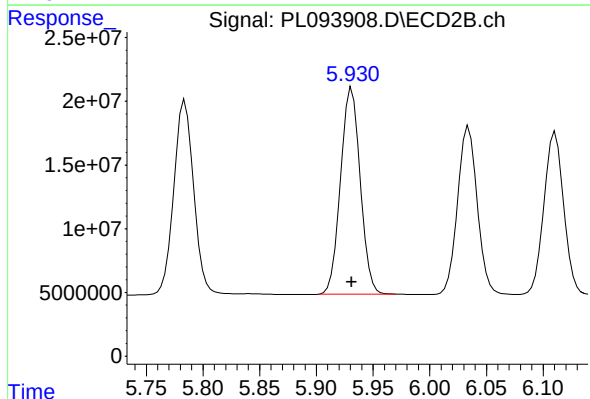
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 120402252
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

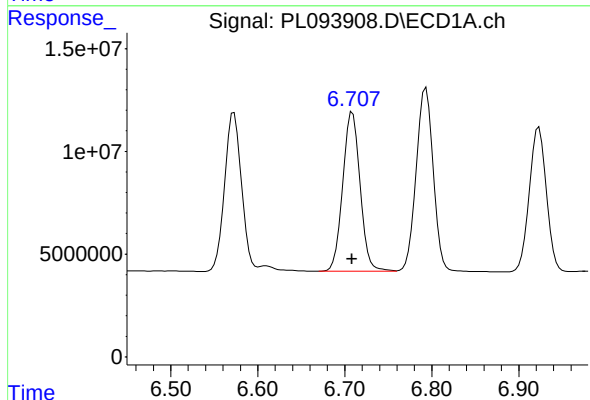
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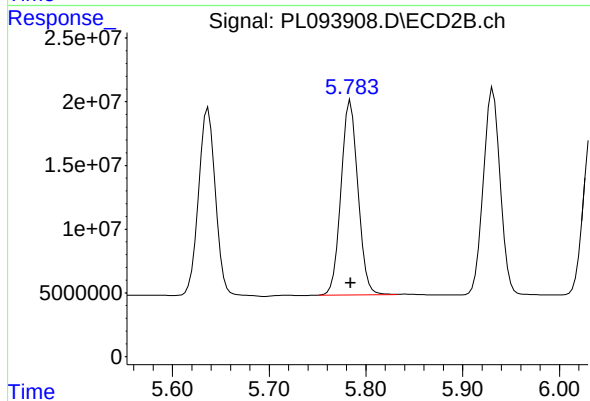
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 195296622
Conc: 52.73 ng/ml



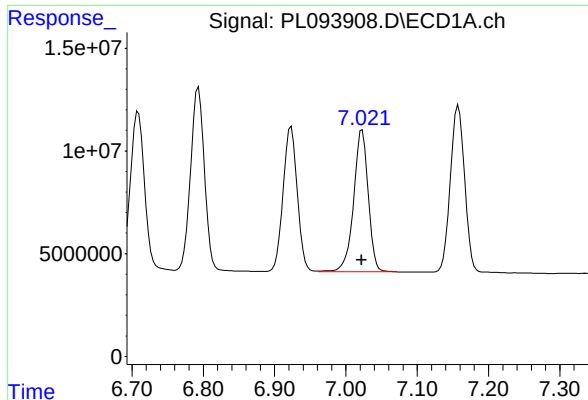
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 108049524
Conc: 56.85 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 185756790
Conc: 58.85 ng/ml



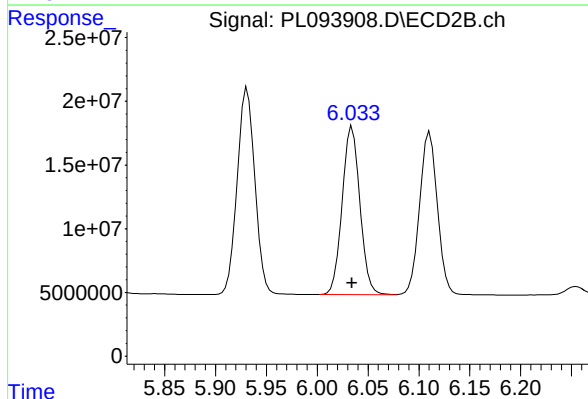
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 98199203
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

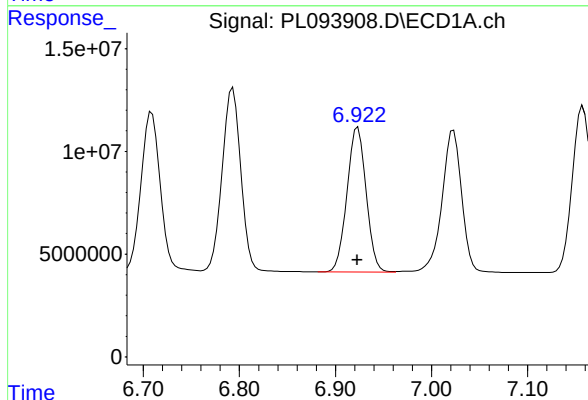
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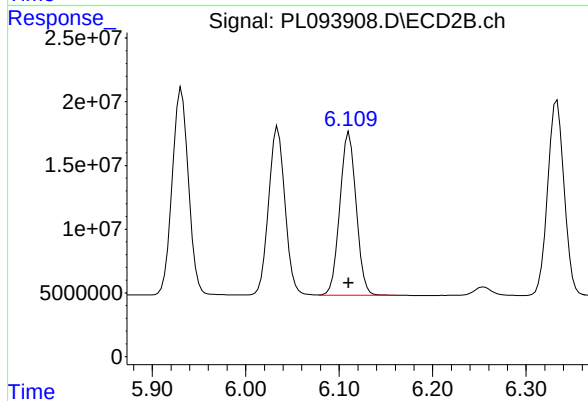
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 160258243
Conc: 49.25 ng/ml



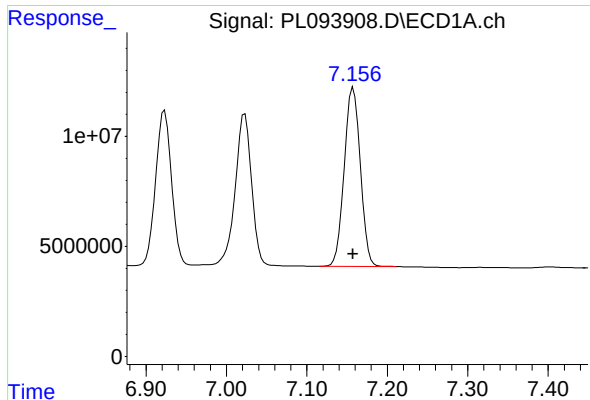
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 97179453
Conc: 49.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 154886962
Conc: 50.87 ng/ml



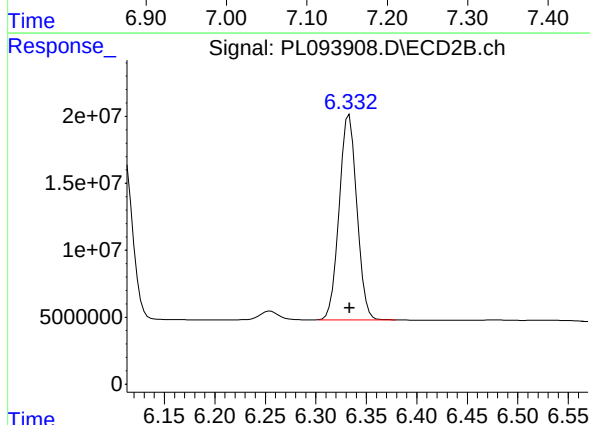
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 113105717
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

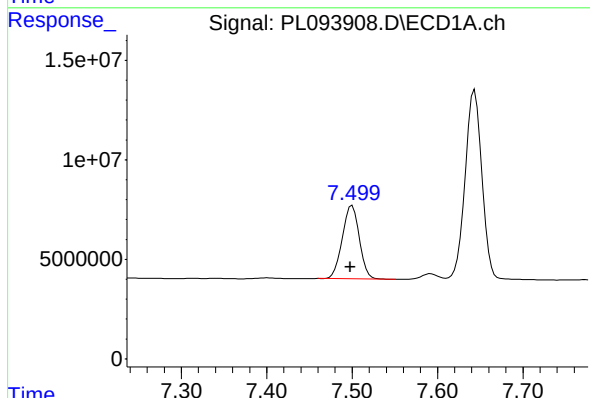
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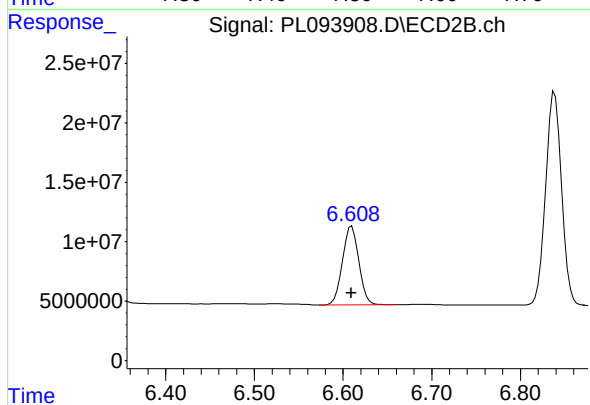
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 187023714
Conc: 52.45 ng/ml



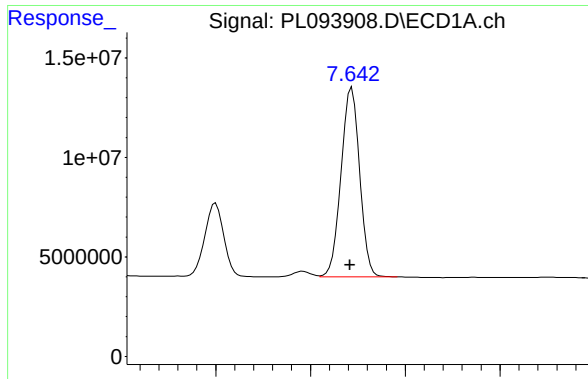
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 51087245
Conc: 48.96 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 85002231
Conc: 47.54 ng/ml



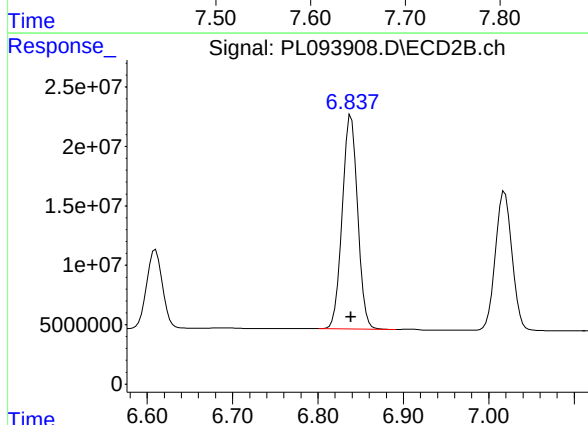
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 129626893
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

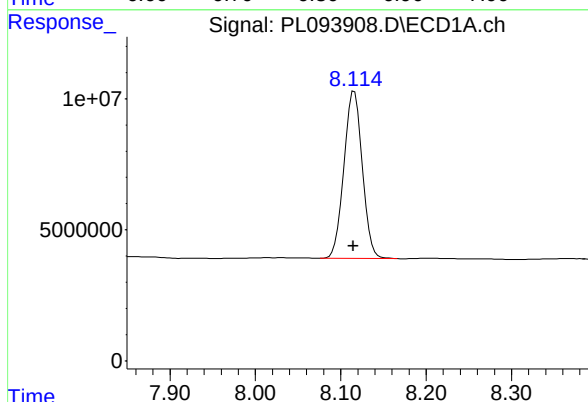
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Supervised By :Ankita Jodhani 01/31/2025



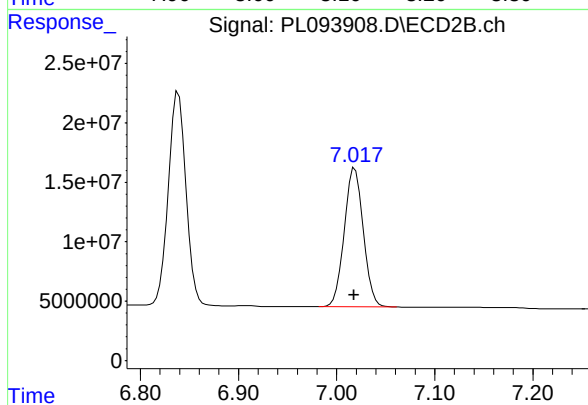
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 224419100
Conc: 53.49 ng/ml



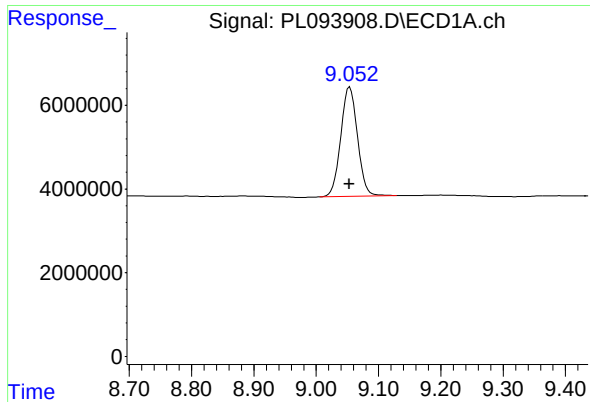
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.001 min
Response: 95399893
Conc: 45.81 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 157147399
Conc: 46.47 ng/ml



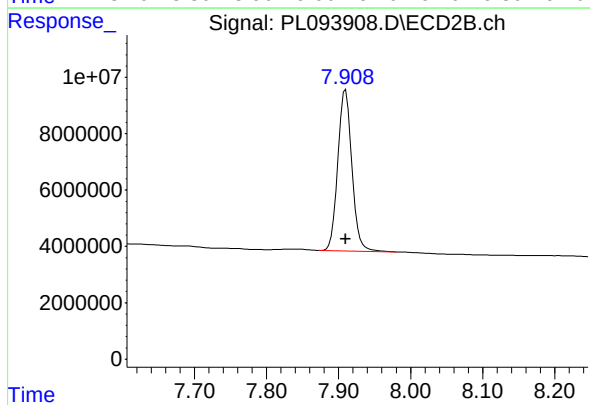
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 48909884
Conc: 23.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166359BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 77024089
Conc: 21.98 ng/ml