

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 20:31
 Operator : AR\AJ
 Sample : Q1239-10MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 357MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:33:46 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...	3.536	2.774	51414596	58832338	19.094m	18.024
28) SA Decachlor...	9.057	7.911	31279196	48142245	14.952	13.739
Target Compounds						
2) A alpha-BHC	3.994	3.276	191.6E6	239.2E6	49.969	48.930
3) MA gamma-BHC...	4.327	3.606	180.4E6	228.4E6	48.988	48.175
4) MA Heptachlor	4.915	3.945	159.2E6	218.3E6	48.569	46.904
5) MB Aldrin	5.257	4.224	161.0E6	224.1E6	49.201	49.116
6) B beta-BHC	4.525	3.906	81072574	101.5E6	50.439	50.802
7) B delta-BHC	4.772	4.135	170.9E6	228.3E6	48.751	48.042
8) B Heptachlo...	5.684	4.727	140.7E6	212.8E6	47.306	50.902
9) A Endosulfan I	6.069	5.097	128.2E6	186.2E6	48.520	48.027
10) B gamma-Chl...	5.940	4.977	143.7E6	226.2E6	51.550	53.387
11) B alpha-Chl...	6.019	5.041	140.8E6	218.0E6	50.489	52.061
12) B 4,4'-DDE	6.192	5.230	123.7E6	218.4E6	50.794	54.462
13) MA Dieldrin	6.345	5.361	135.5E6	224.8E6	48.827	52.339
14) MA Endrin	6.574	5.637	111.4E6	190.4E6	47.496	51.554
15) B Endosulfa...	6.794	5.932	114.6E6	184.5E6	47.558	49.804
16) A 4,4'-DDD	6.710	5.785	106.5E6	171.9E6	56.051	54.443
17) MA 4,4'-DDT	7.024	6.035	94770168	155.6E6	48.057	47.825
18) B Endrin al...	6.924	6.111	67631389	102.3E6	34.789	33.595
19) B Endosulfa...	7.159	6.334	105.0E6	167.0E6	46.401	46.818
20) A Methoxychlor	7.500	6.610	46323353	79508850	44.397m	44.465
21) B Endrin ke...	7.645	6.839	112.2E6	187.1E6	44.489	44.597
22) Mirex	8.119	7.019	88253104	150.1E6	42.379	44.370

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
Data File : PL093960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2025 20:31
Operator : AR\AJ
Sample : Q1239-10MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

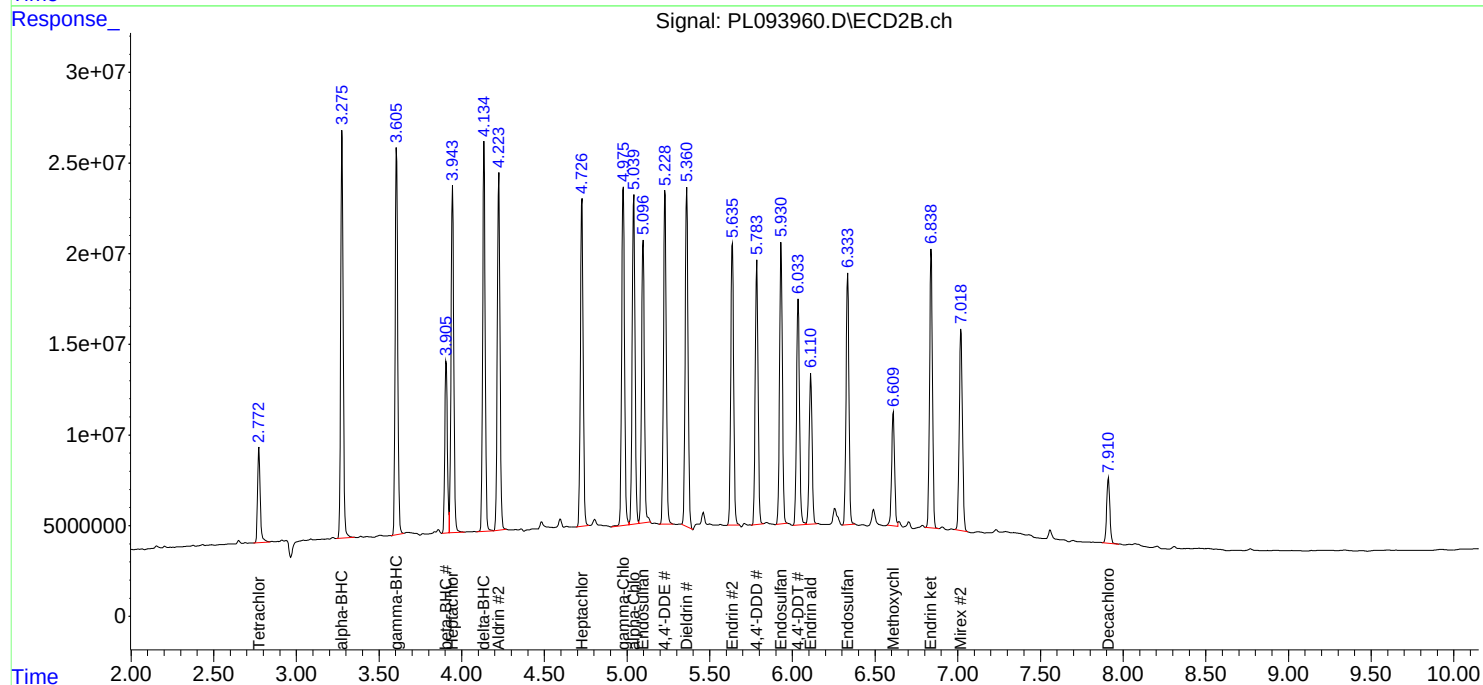
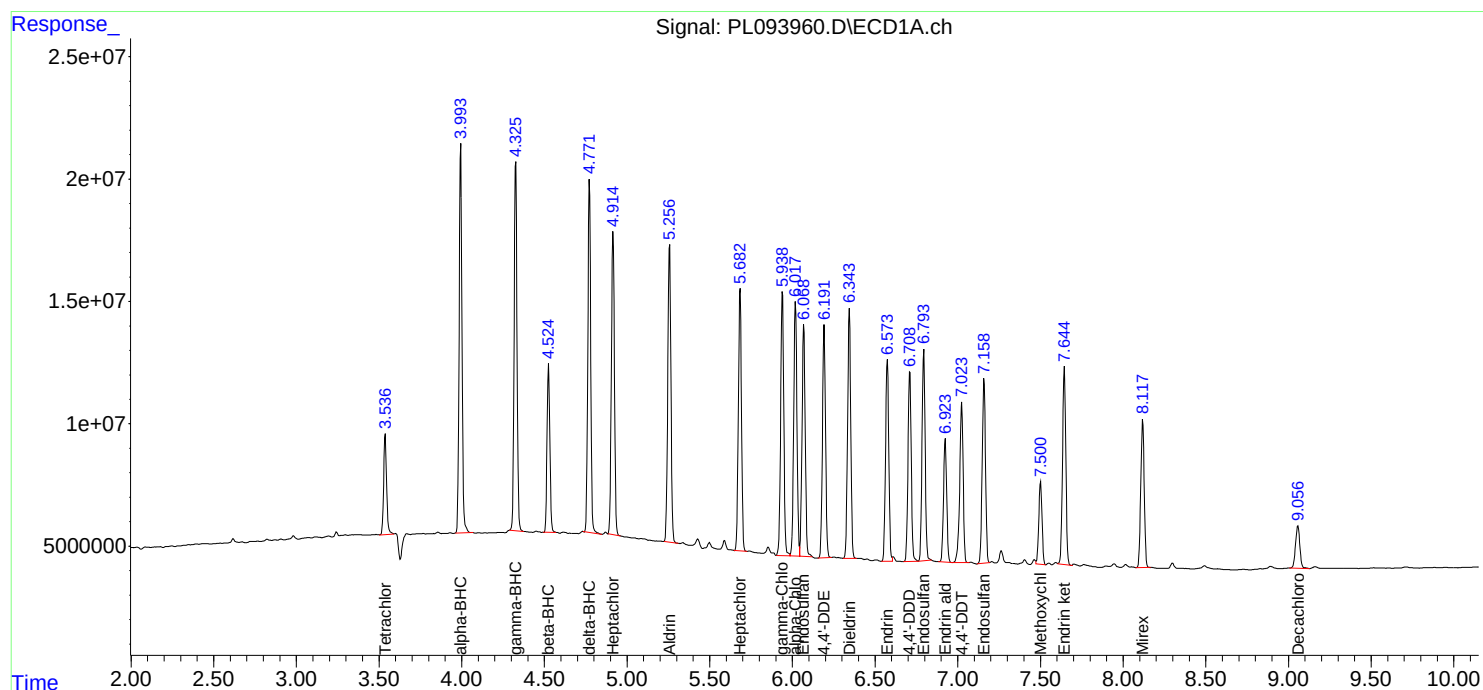
Instrument :
ECD_L
ClientSampleId :
357MS

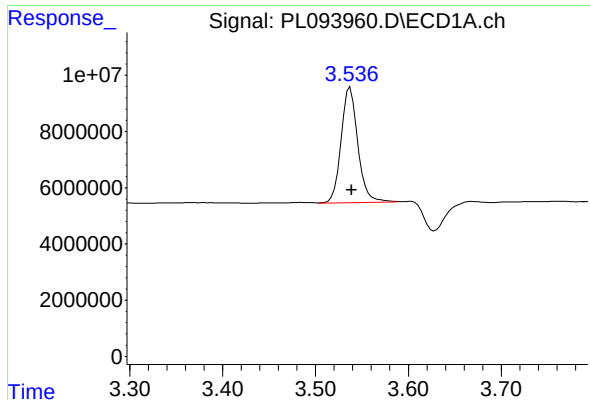
Manual Integrations
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Supervised By : Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:33:46 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





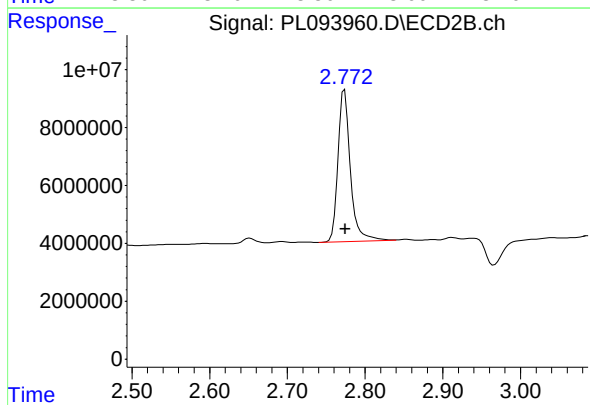
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 51414596
Conc: 19.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

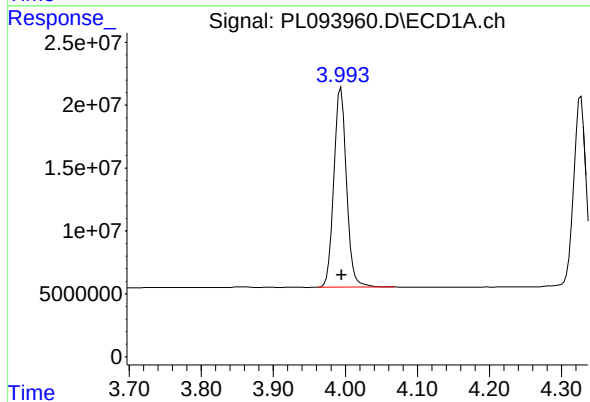
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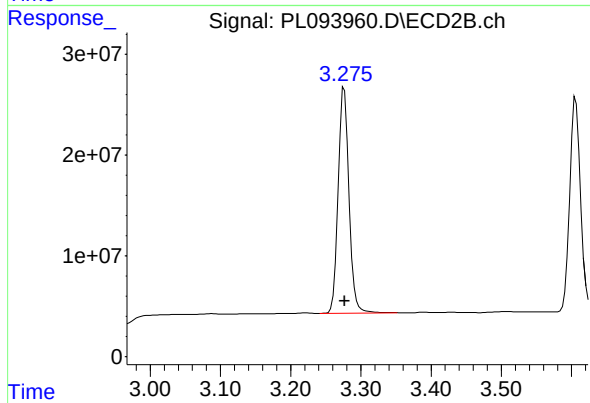
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 58832338
Conc: 18.02 ng/ml



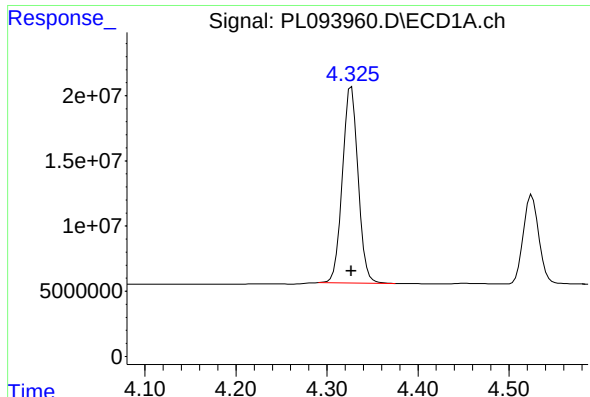
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 191573060
Conc: 49.97 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 239216365
Conc: 48.93 ng/ml



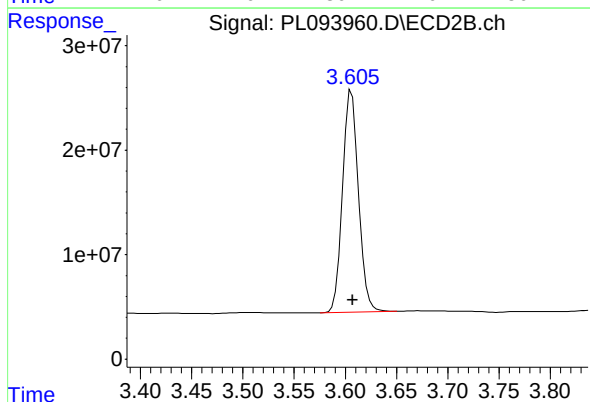
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 180414145
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

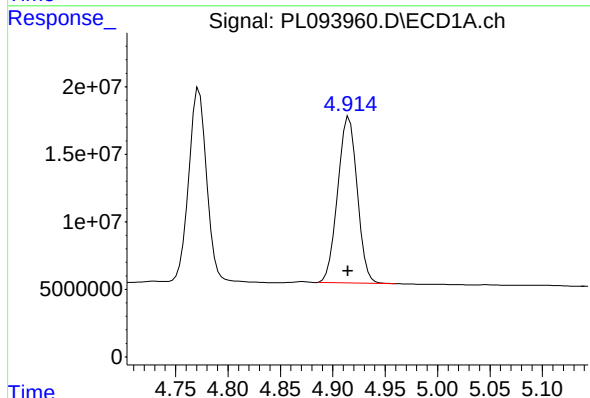
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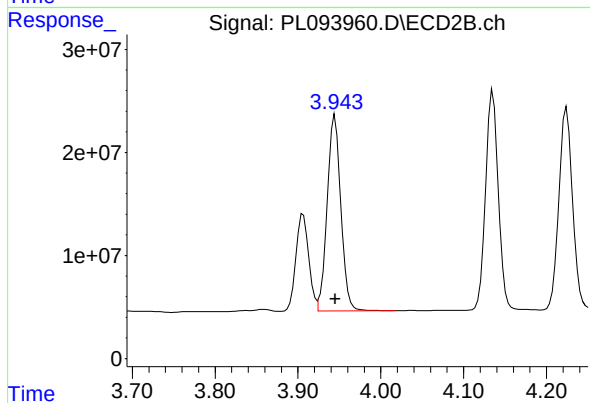
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 228406050
Conc: 48.17 ng/ml



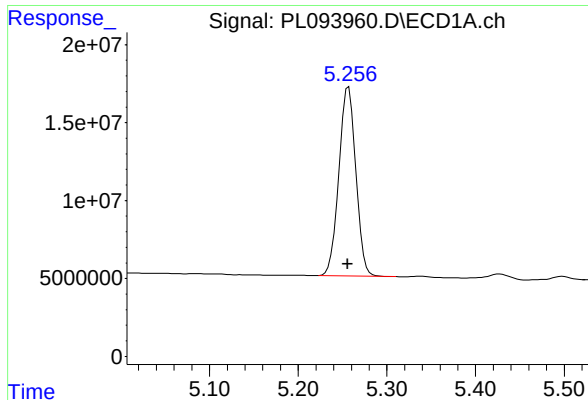
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 159176402
Conc: 48.57 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 218328245
Conc: 46.90 ng/ml



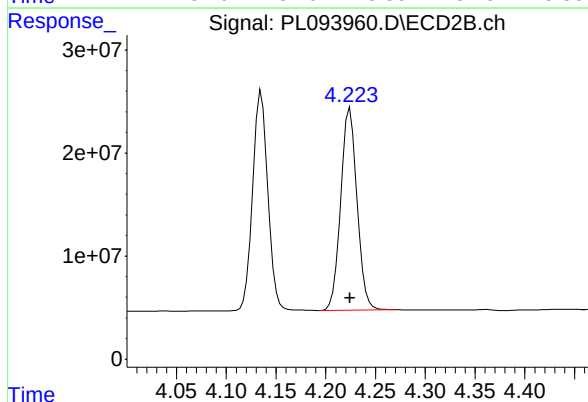
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 160983220
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

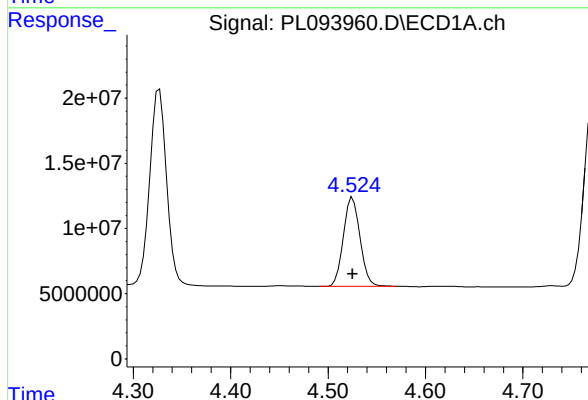
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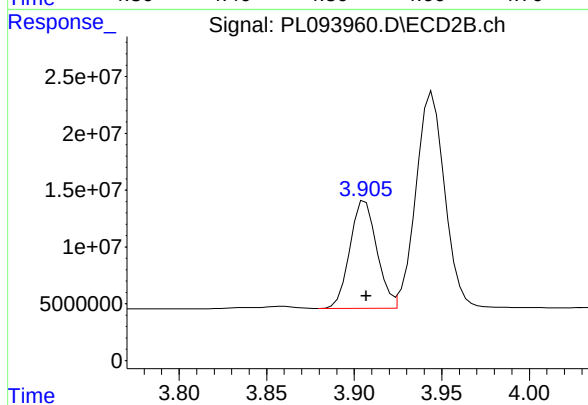
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 224056312
Conc: 49.12 ng/ml



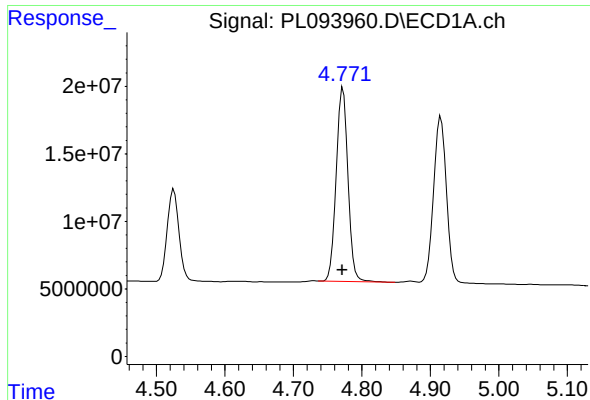
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 81072574
Conc: 50.44 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 101474057
Conc: 50.80 ng/ml



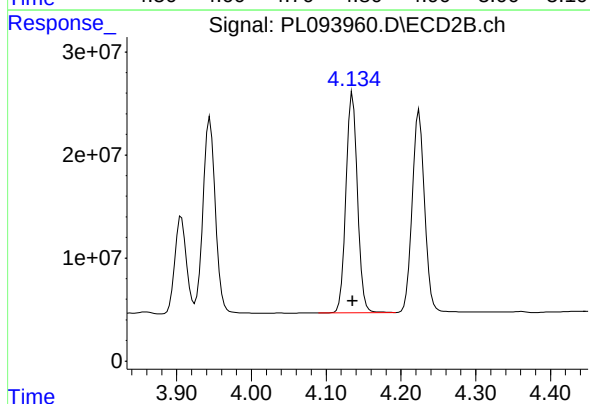
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 170885702
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

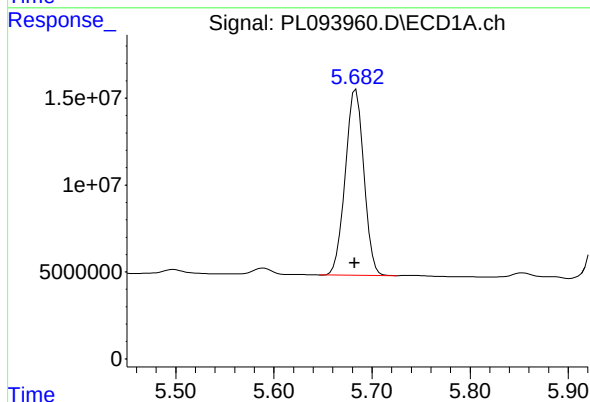
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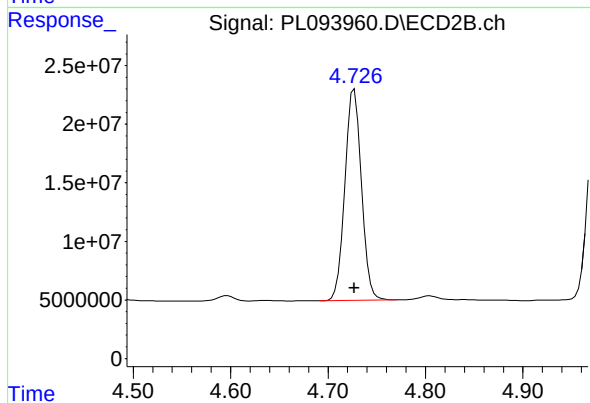
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 228261078
Conc: 48.04 ng/ml



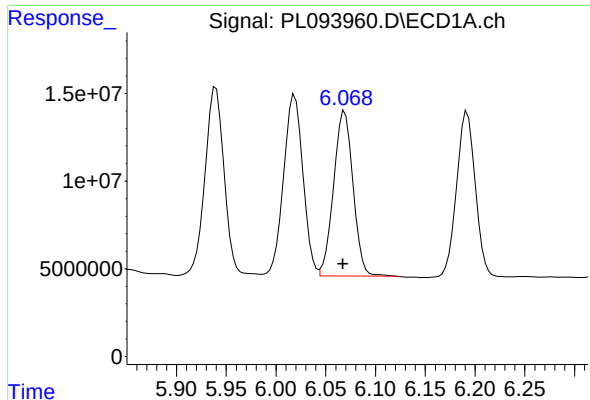
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 140679215
Conc: 47.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 212784536
Conc: 50.90 ng/ml



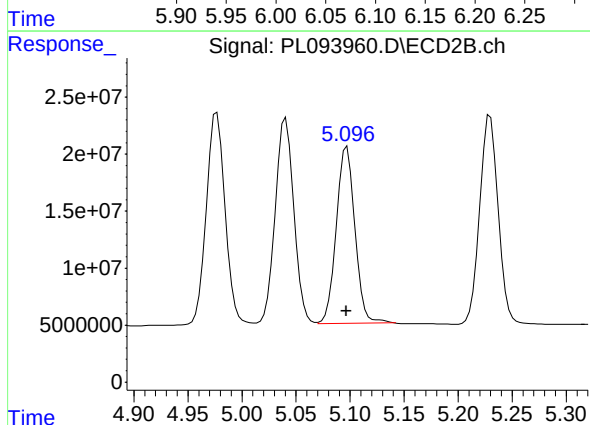
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 128231596
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

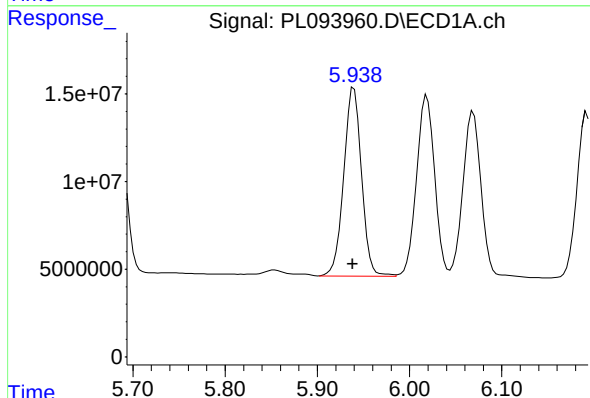
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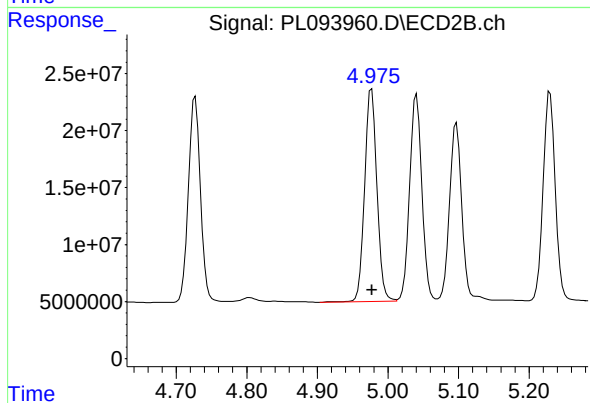
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 186197238
Conc: 48.03 ng/ml



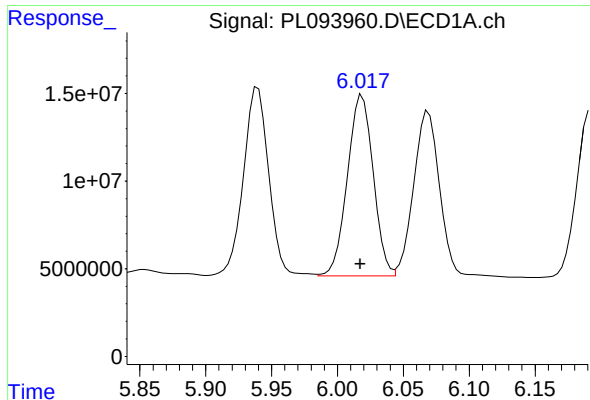
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.001 min
Response: 143688480
Conc: 51.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 226233417
Conc: 53.39 ng/ml



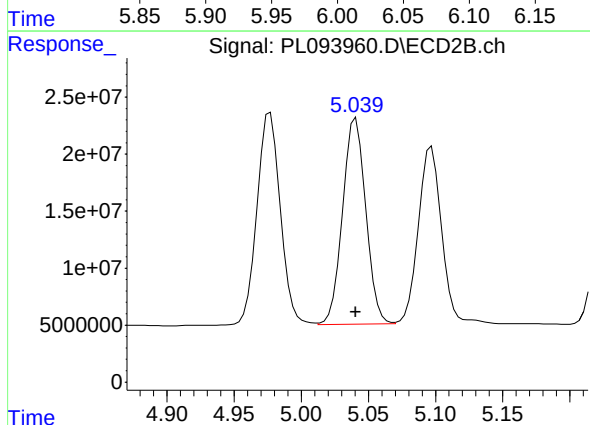
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 140783127
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

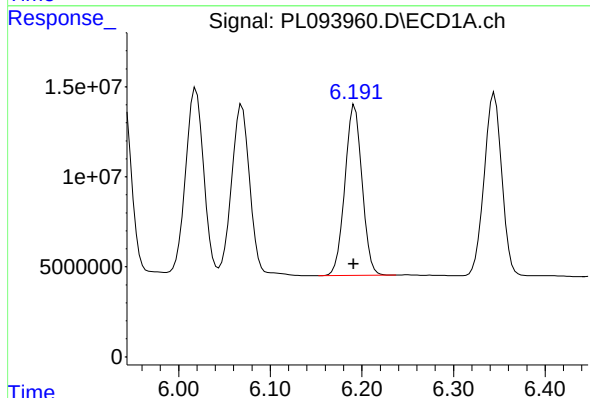
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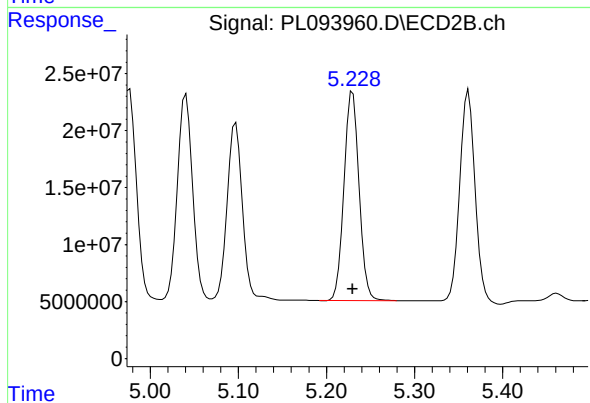
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 217957882
Conc: 52.06 ng/ml



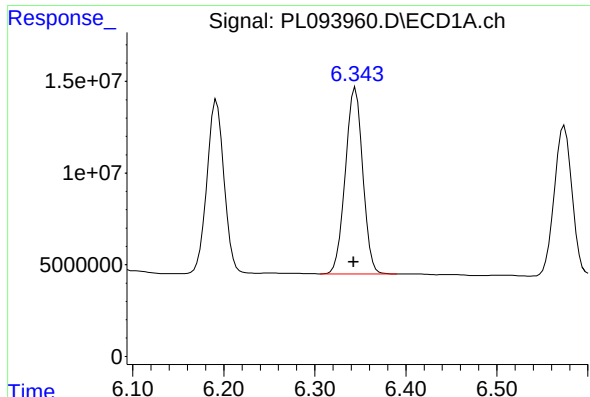
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 123663019
Conc: 50.79 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 218364523
Conc: 54.46 ng/ml



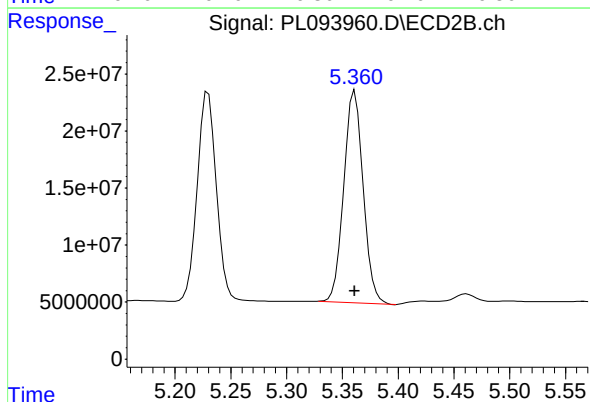
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 135537422
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

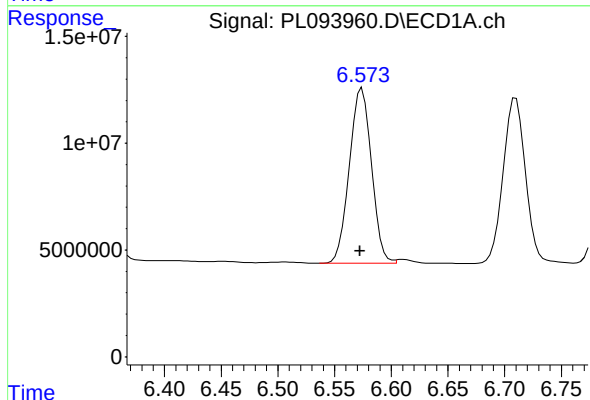
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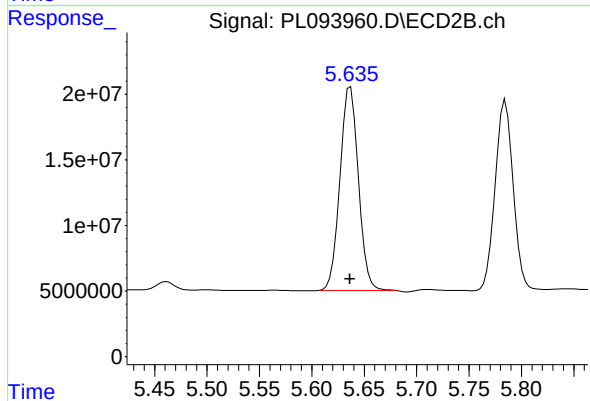
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 224830219
Conc: 52.34 ng/ml



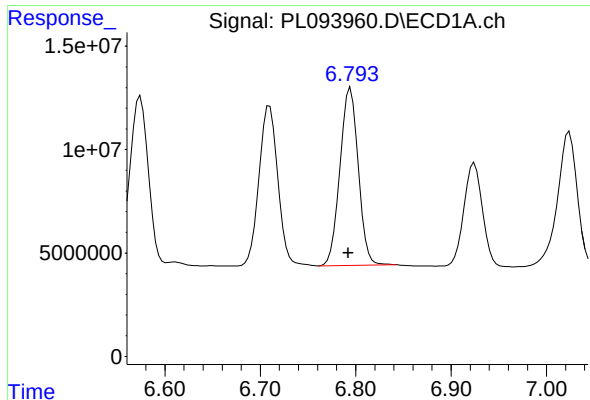
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 111370119
Conc: 47.50 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 190373930
Conc: 51.55 ng/ml



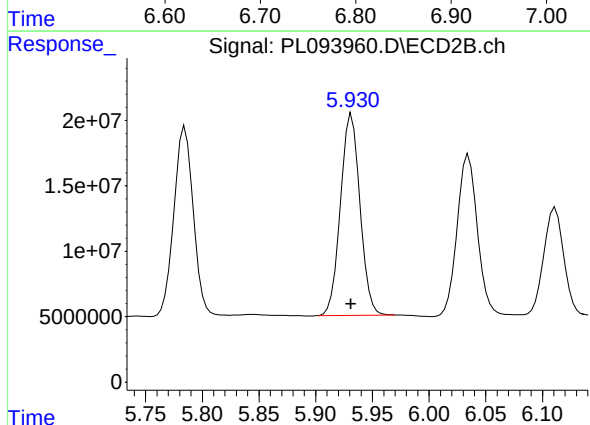
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 114583644
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

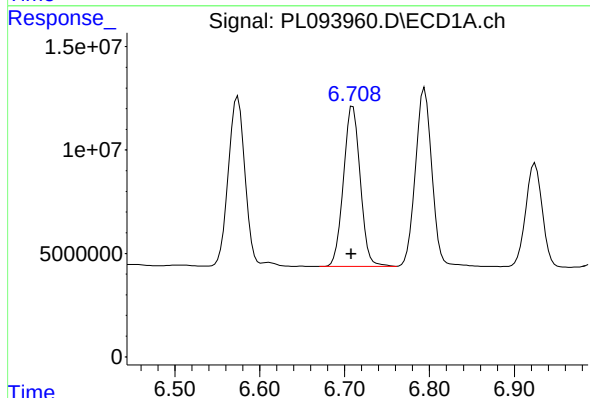
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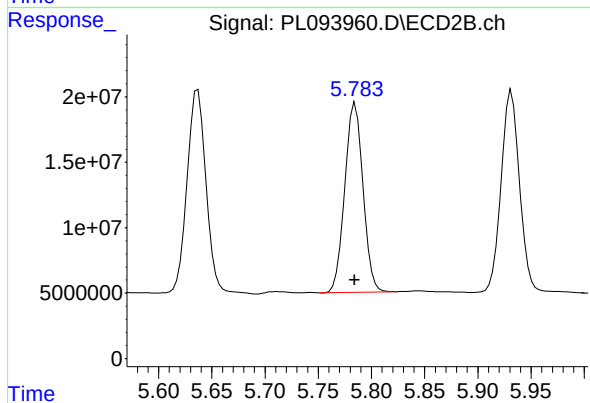
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 184464053
Conc: 49.80 ng/ml



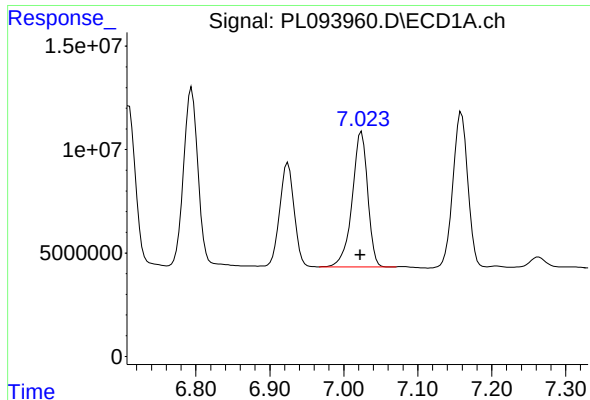
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 106527786
Conc: 56.05 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 171850479
Conc: 54.44 ng/ml



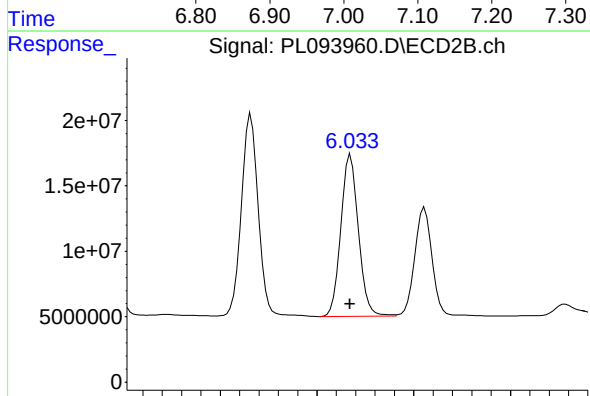
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 94770168
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

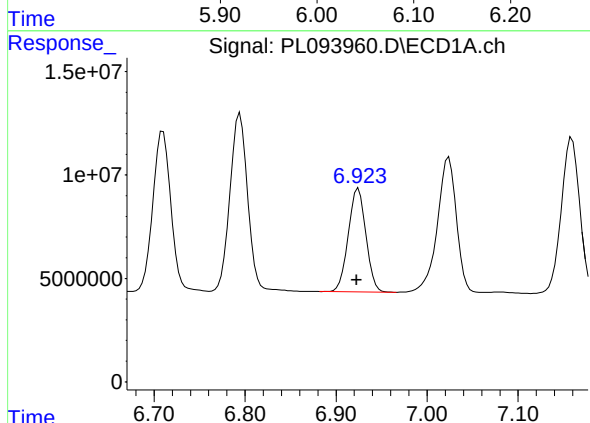
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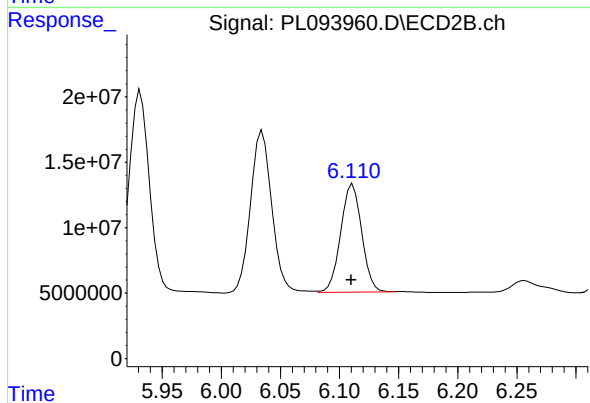
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 155624195
Conc: 47.82 ng/ml



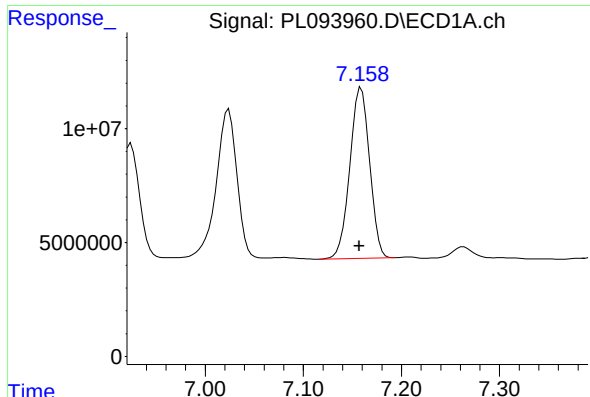
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 67631389
Conc: 34.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 102285489
Conc: 33.60 ng/ml



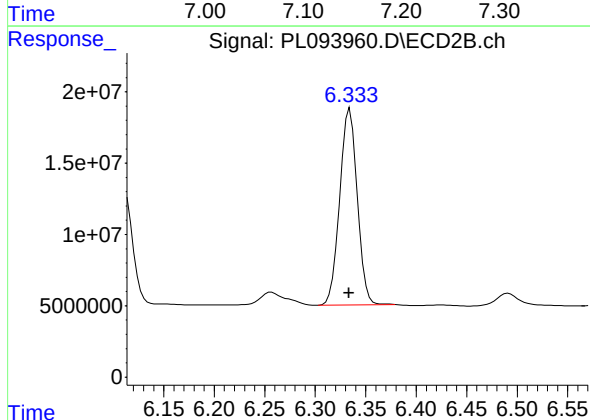
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 105040812
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

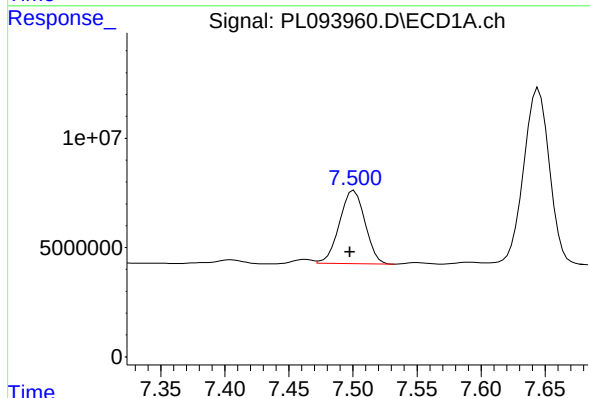
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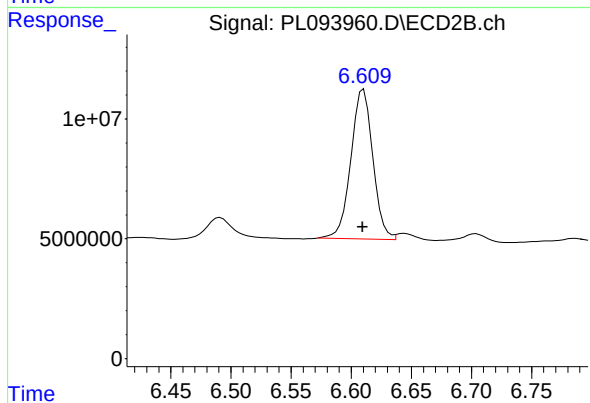
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.001 min
Response: 166956037
Conc: 46.82 ng/ml



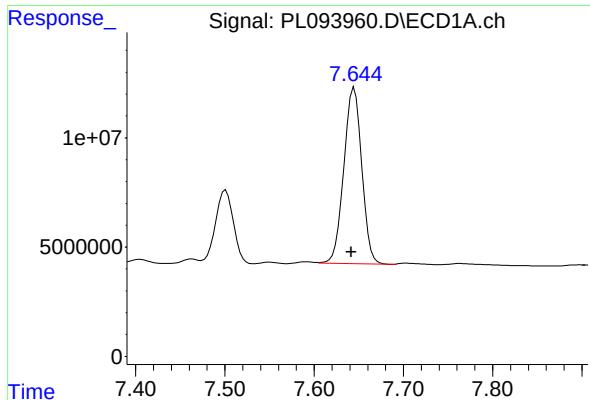
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 46323353
Conc: 44.40 ng/ml m



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 79508850
Conc: 44.46 ng/ml



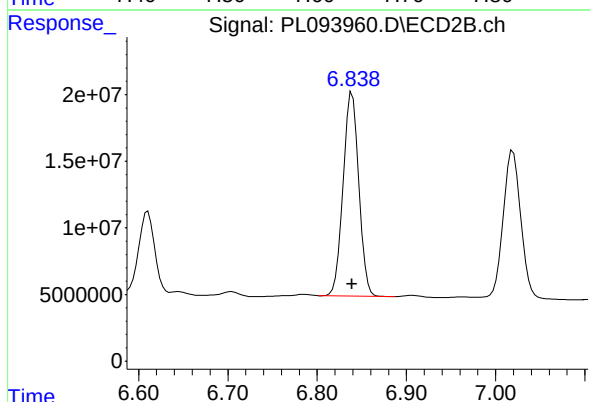
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 112229195
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

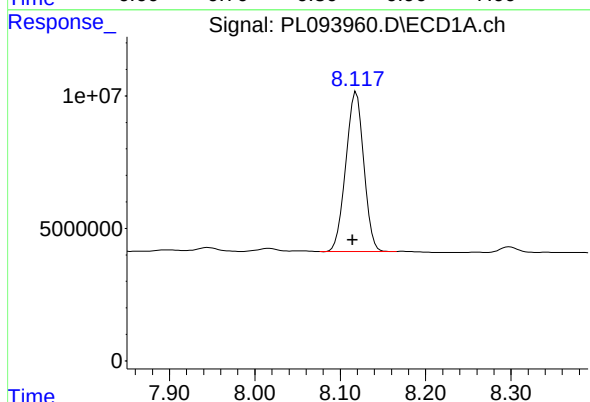
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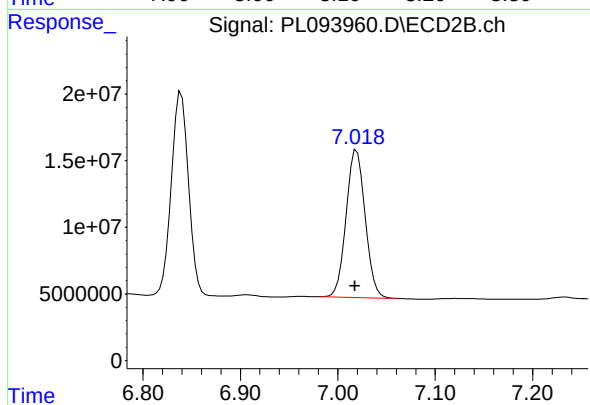
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 187096384
Conc: 44.60 ng/ml



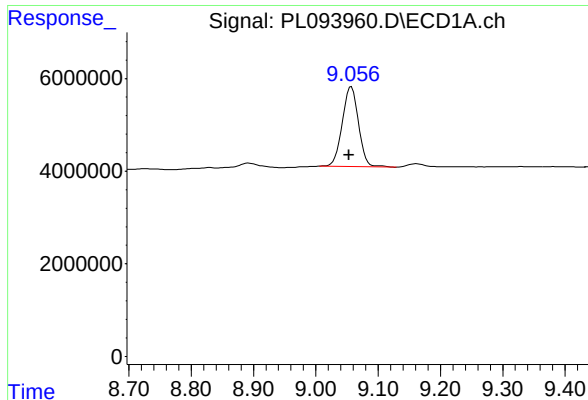
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 88253104
Conc: 42.38 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 150055609
Conc: 44.37 ng/ml



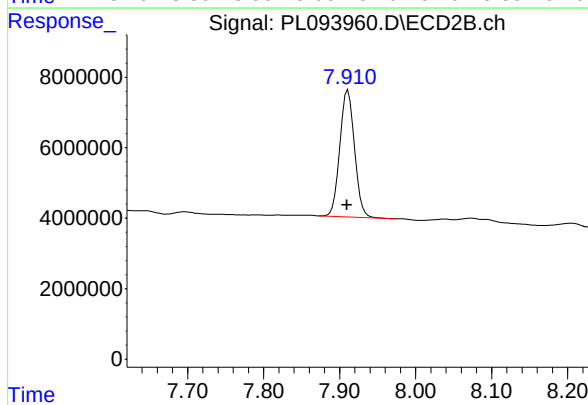
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 31279196
Conc: 14.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 48142245
Conc: 13.74 ng/ml