

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
 Data File : PL093764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 15:08
 Operator : AR\AJ
 Sample : PB166170BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166170BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2025
 Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:23:53 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...	3.539	2.775	54045863	63023372	20.071	19.308
28) SA Decachlor...	9.053	7.909	47323318	74645443	22.622	21.303
Target Compounds						
2) A alpha-BHC	3.995	3.277	175.5E6	236.2E6	45.771	48.306
3) MA gamma-BHC...	4.327	3.607	167.1E6	225.8E6	45.371	47.625
4) MA Heptachlor	4.913	3.945	155.2E6	229.0E6	47.343m	49.191
5) MB Aldrin	5.256	4.224	146.9E6	217.3E6	44.889	47.632
6) B beta-BHC	4.525	3.907	75762133	97797810	47.136	48.962
7) B delta-BHC	4.772	4.135	160.2E6	224.2E6	45.696	47.179
8) B Heptachlo...	5.682	4.727	135.5E6	206.2E6	45.579	49.334
9) A Endosulfan I	6.068	5.096	124.5E6	194.3E6	47.108	50.127
10) B gamma-Chl...	5.938	4.977	133.4E6	213.4E6	47.871	50.356
11) B alpha-Chl...	6.017	5.040	132.4E6	209.7E6	47.494	50.093
12) B 4,4'-DDE	6.191	5.229	119.7E6	204.8E6	49.162	51.073
13) MA Dieldrin	6.343	5.361	130.9E6	213.4E6	47.164	49.675
14) MA Endrin	6.571	5.634	103.9E6	176.8E6	44.307m	47.885m
15) B Endosulfa...	6.792	5.930	115.6E6	190.1E6	47.984	51.312
16) A 4,4'-DDD	6.708	5.784	98012583	169.2E6	51.570	53.597
17) MA 4,4'-DDT	7.023	6.034	99861601	167.0E6	50.638	51.322
18) B Endrin al...	6.923	6.110	94019961	150.7E6	48.363	49.506
19) B Endosulfa...	7.157	6.333	109.0E6	180.7E6	48.135	50.671
20) A Methoxychlor	7.499	6.609	51958716	85900881	49.798	48.039
21) B Endrin ke...	7.642	6.838	125.5E6	218.6E6	49.749	52.103
22) Mirex	8.115	7.018	93958526	156.4E6	45.118	46.246

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
Data File : PL093764.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2025 15:08
Operator : AR\AJ
Sample : PB166170BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

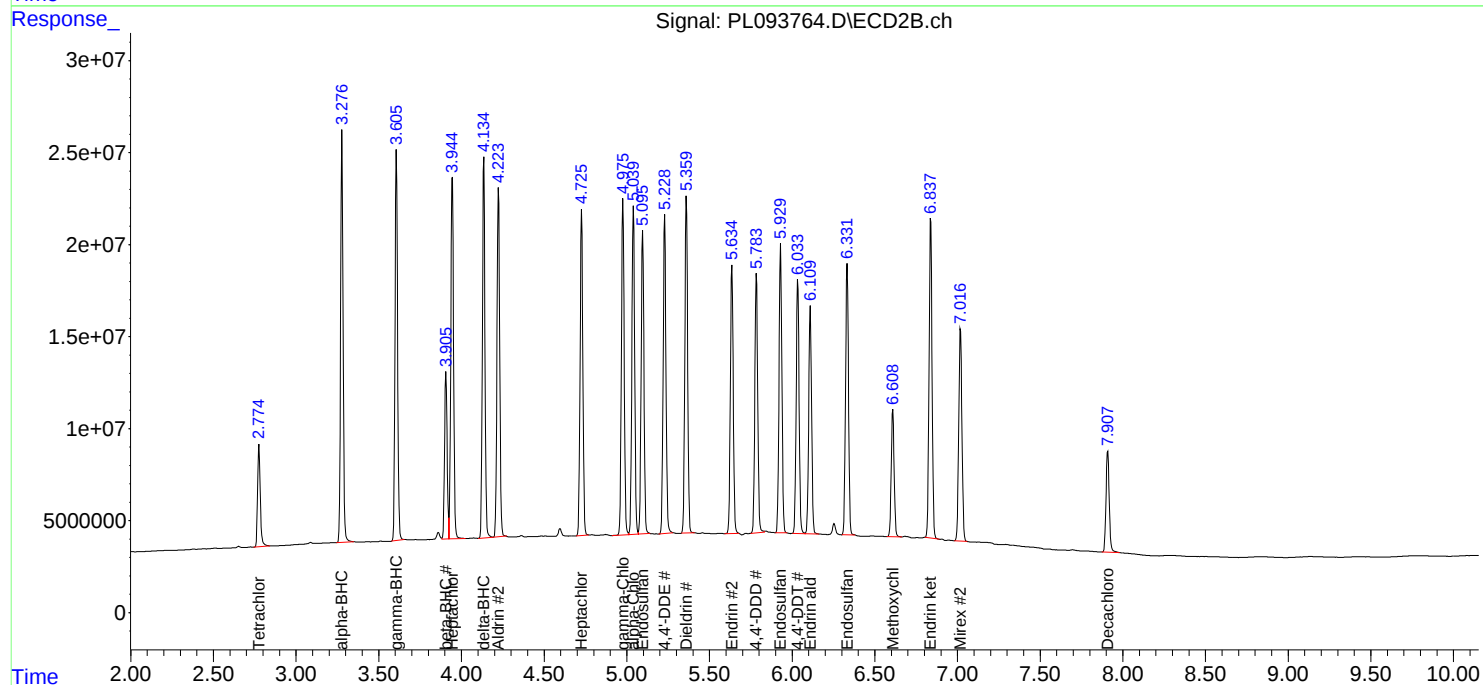
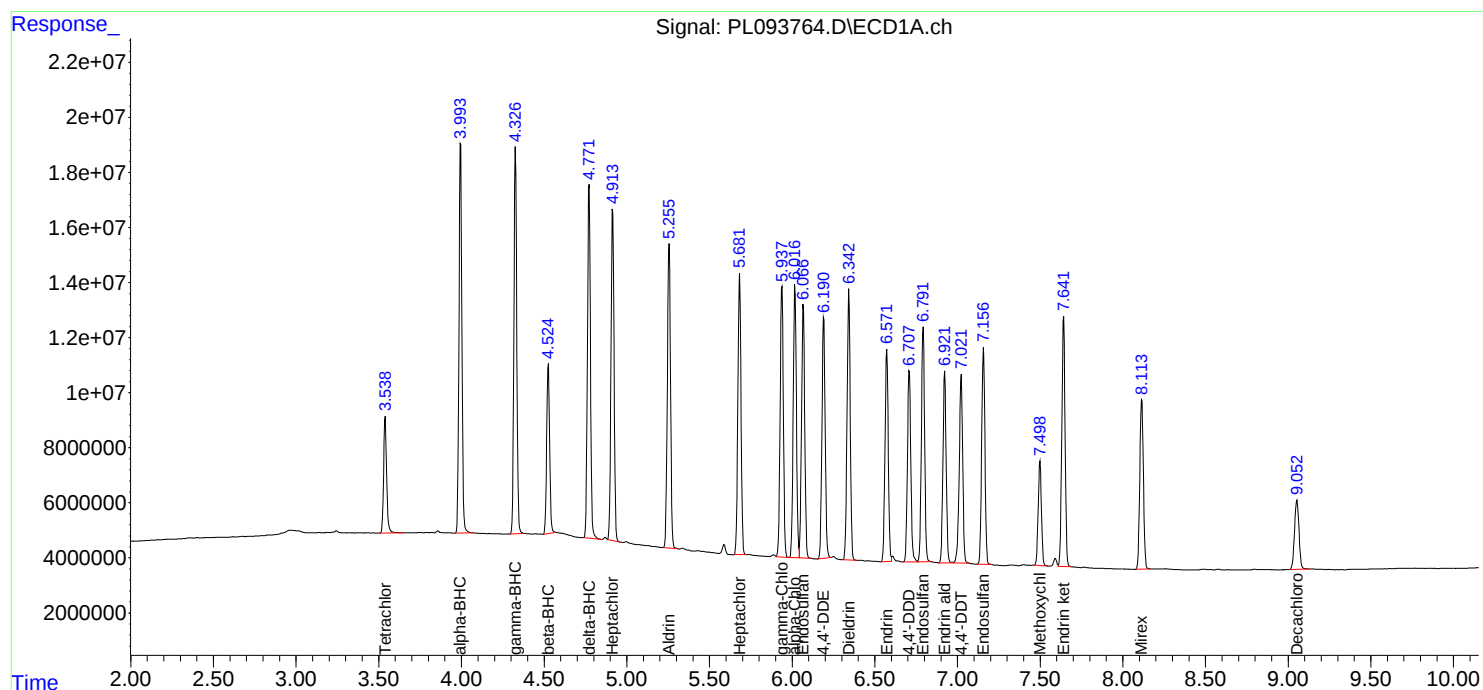
Instrument :
ECD_L
ClientSampleId :
PB166170BSD

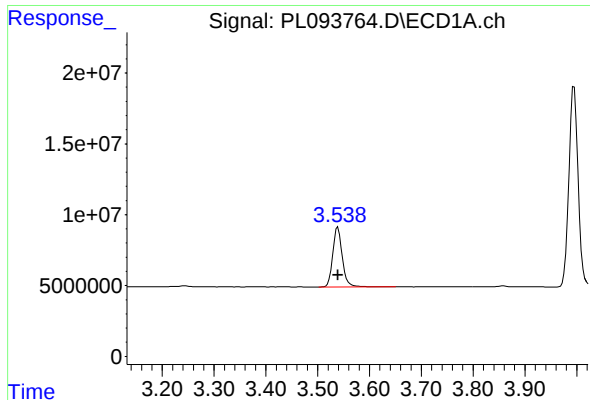
Manual Integrations
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Supervised By :Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 00:23:53 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





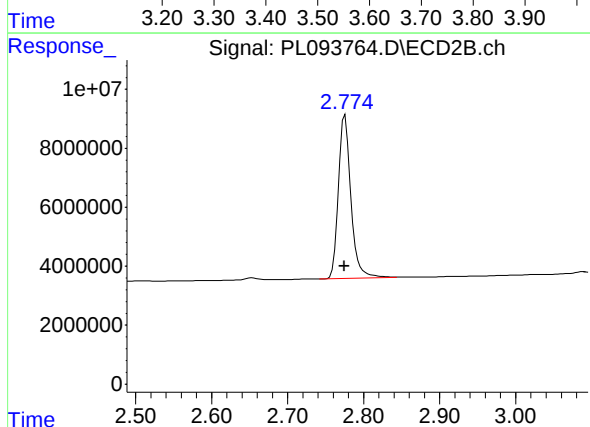
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 54045863
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

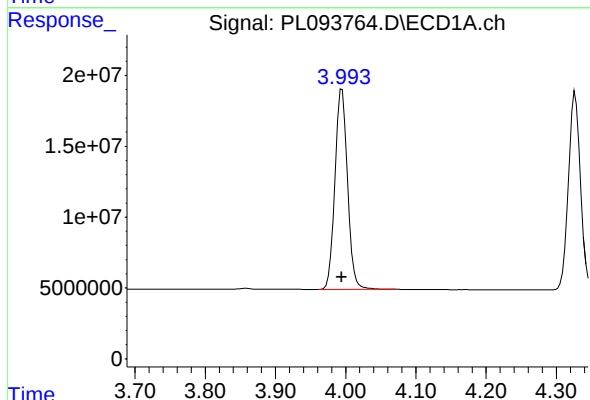
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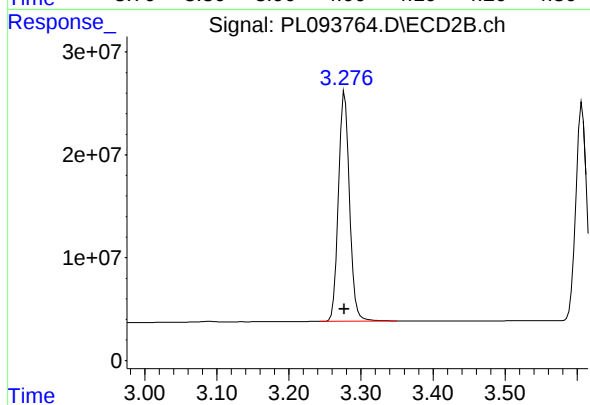
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.001 min
Response: 63023372
Conc: 19.31 ng/ml



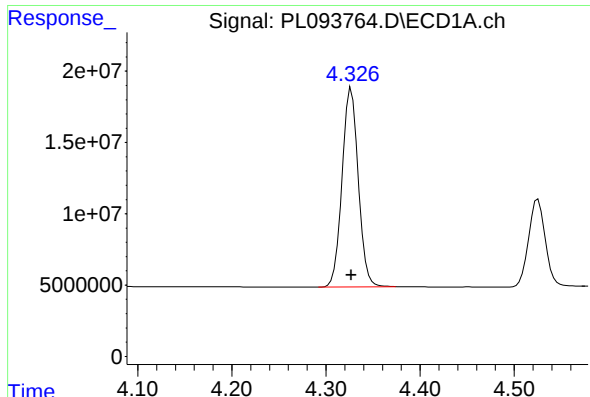
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 175477440
Conc: 45.77 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 236165570
Conc: 48.31 ng/ml



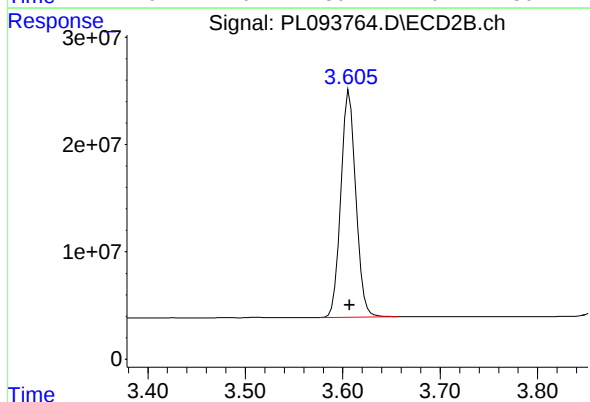
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 167095246
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

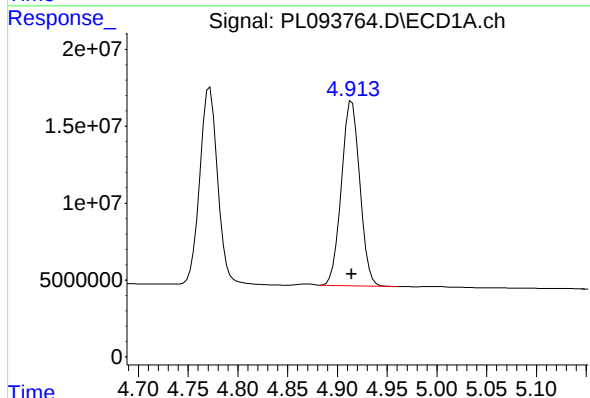
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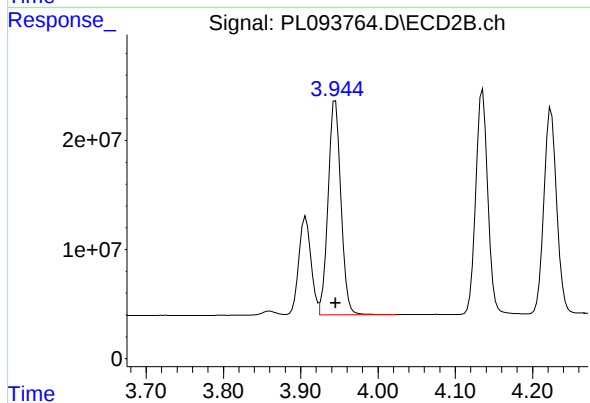
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 225800941
Conc: 47.63 ng/ml



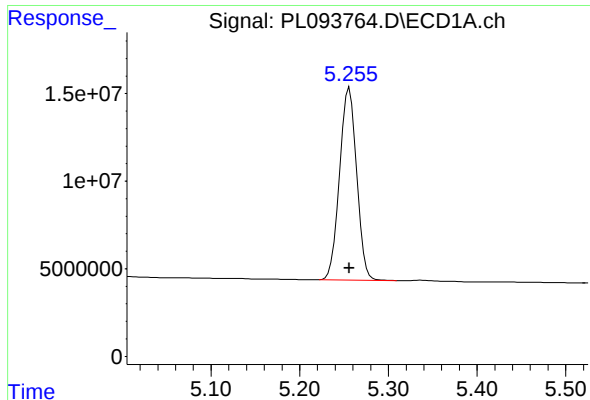
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 155159763
Conc: 47.34 ng/ml m



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 228975894
Conc: 49.19 ng/ml



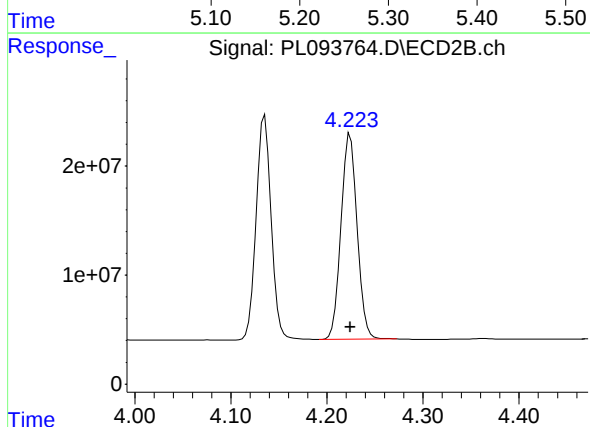
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 146875087
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

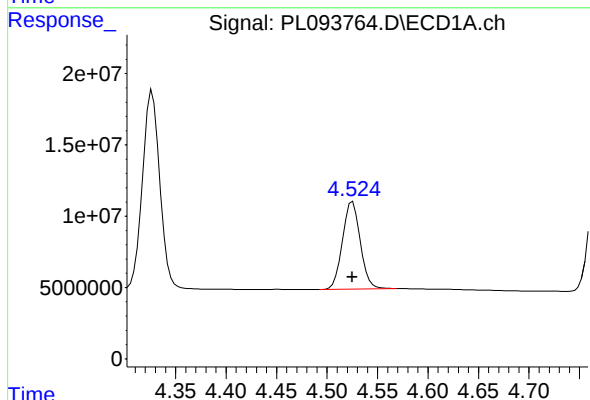
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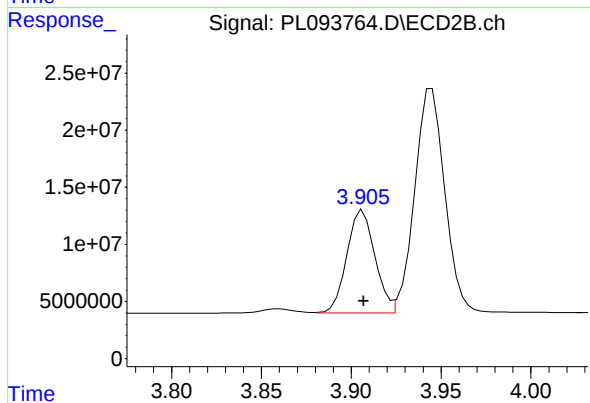
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 217286131
Conc: 47.63 ng/ml



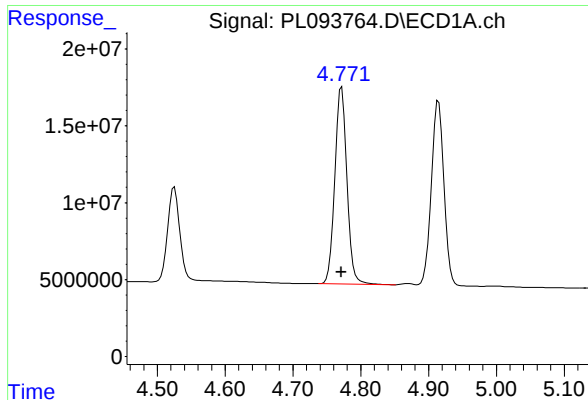
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 75762133
Conc: 47.14 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 97797810
Conc: 48.96 ng/ml



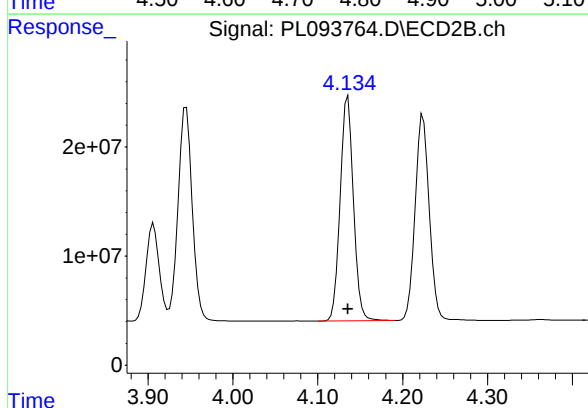
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 160177571
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

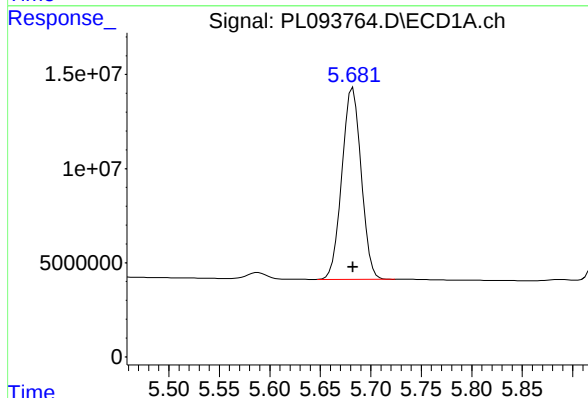
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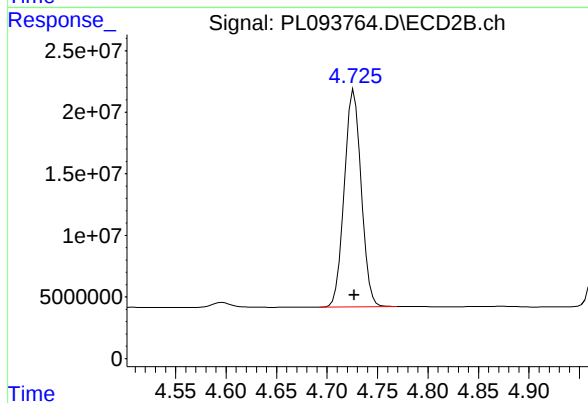
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 224159289
Conc: 47.18 ng/ml



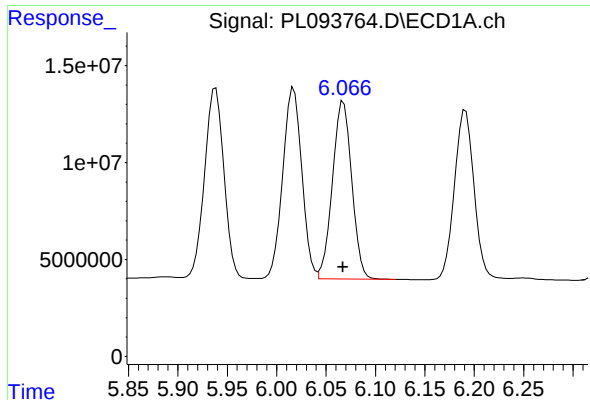
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 135545386
Conc: 45.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 206227646
Conc: 49.33 ng/ml



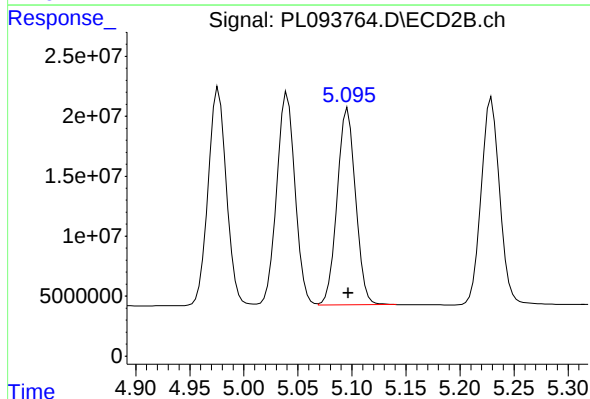
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 124499060
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

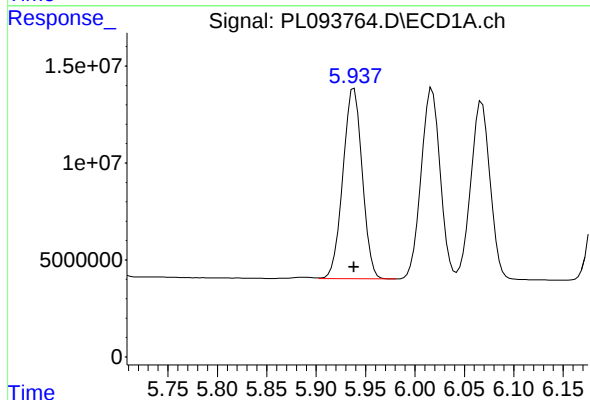
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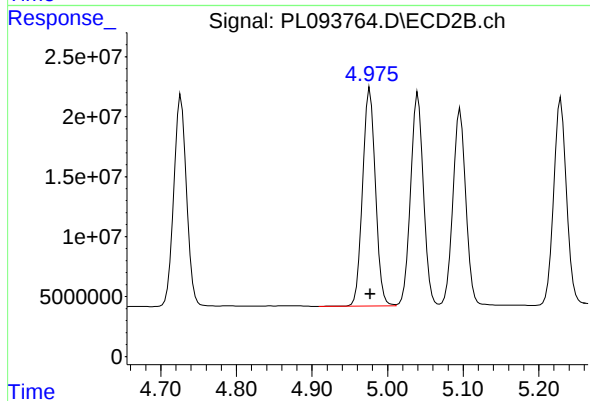
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 194337086
Conc: 50.13 ng/ml



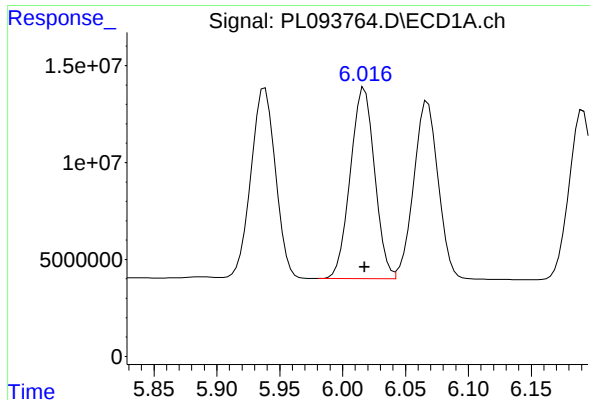
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 133433254
Conc: 47.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 213388399
Conc: 50.36 ng/ml



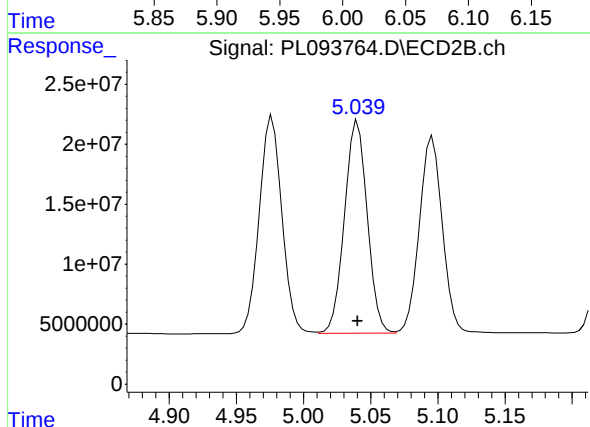
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 132431947
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

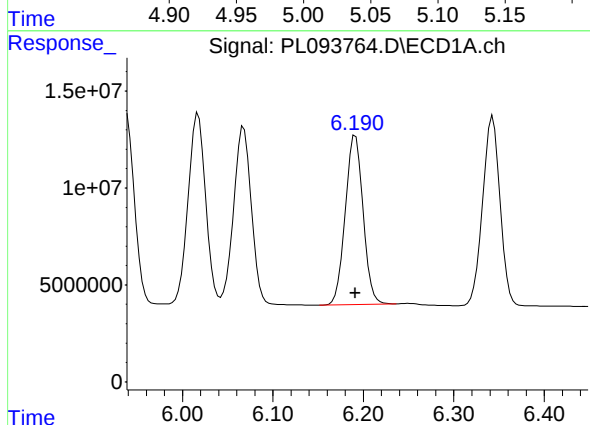
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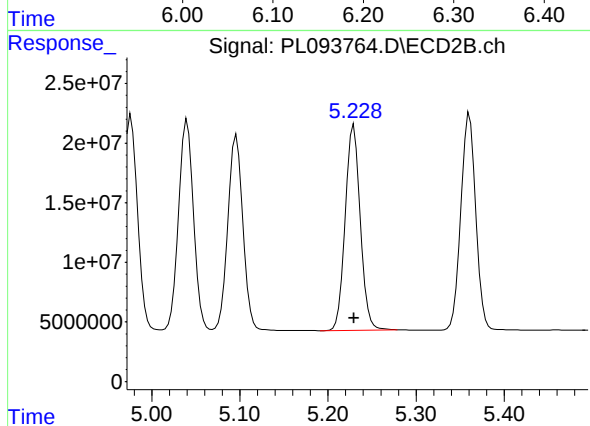
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 209715575
Conc: 50.09 ng/ml



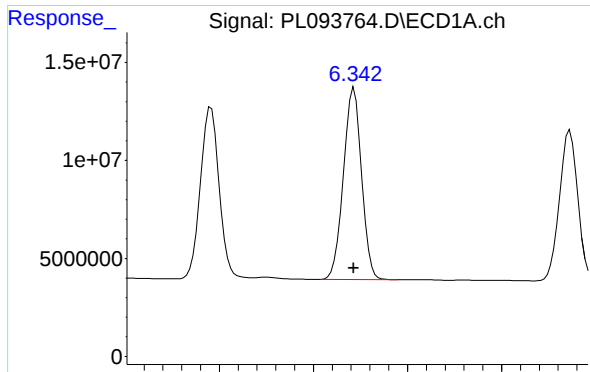
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 119688525
Conc: 49.16 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 204775449
Conc: 51.07 ng/ml



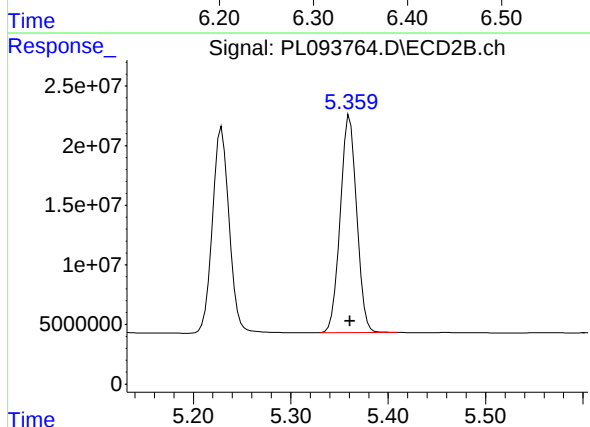
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 130919661
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

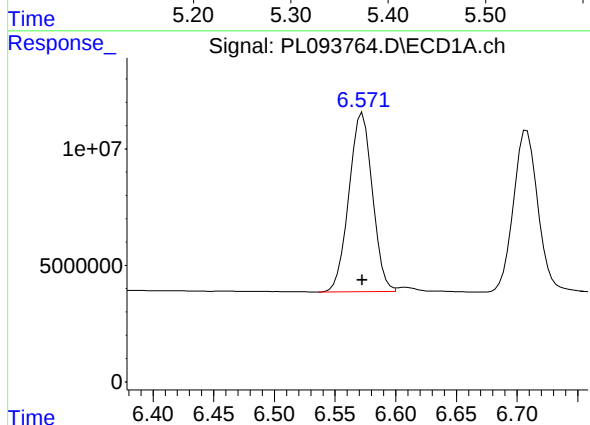
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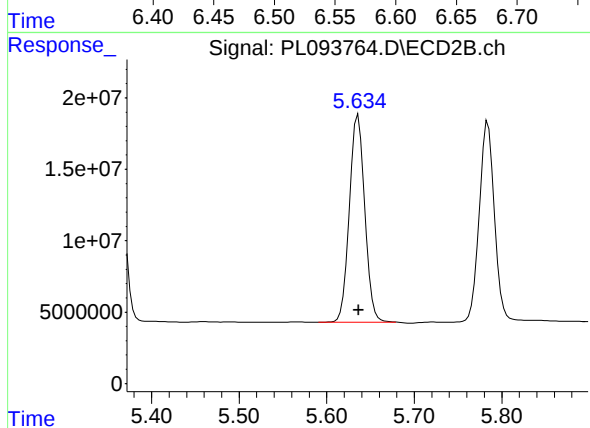
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 213387304
Conc: 49.68 ng/ml



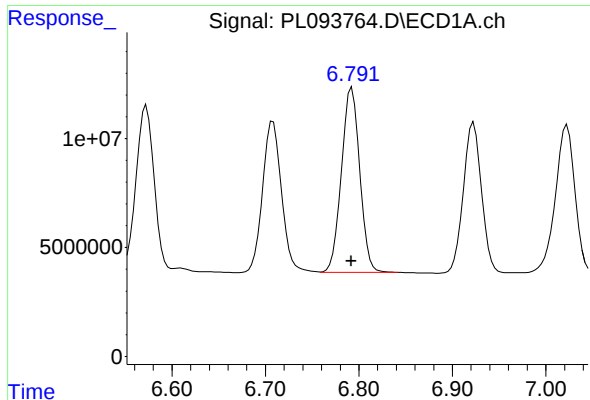
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 103892667
Conc: 44.31 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 176823642
Conc: 47.88 ng/ml m



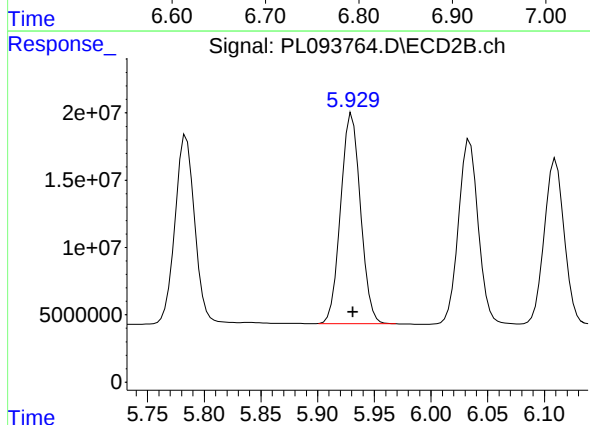
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 115610731
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

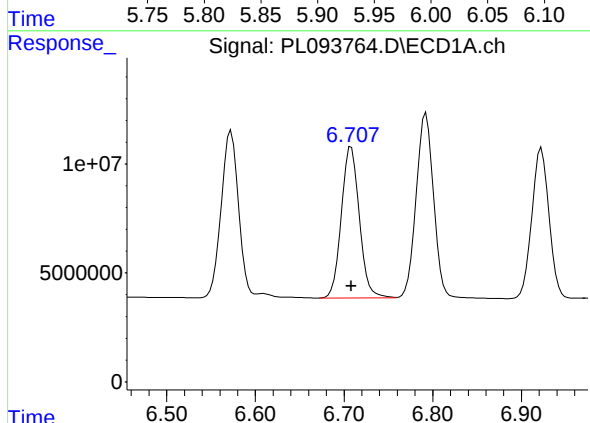
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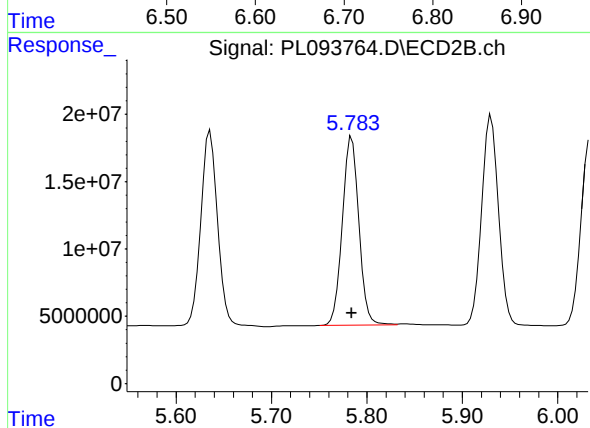
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 190052025
Conc: 51.31 ng/ml



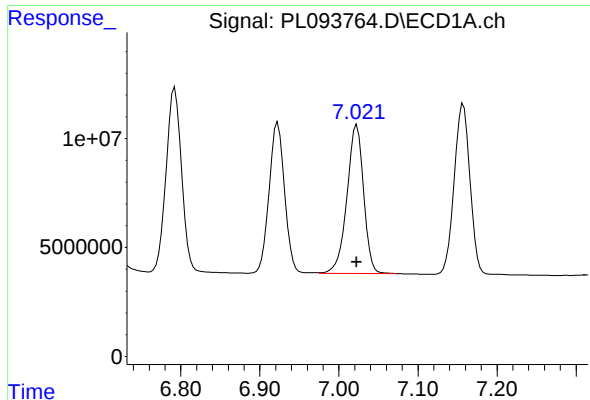
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 98012583
Conc: 51.57 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 169179620
Conc: 53.60 ng/ml



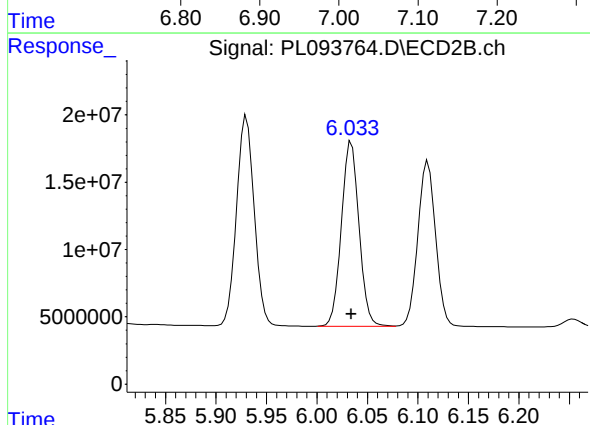
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 99861601
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

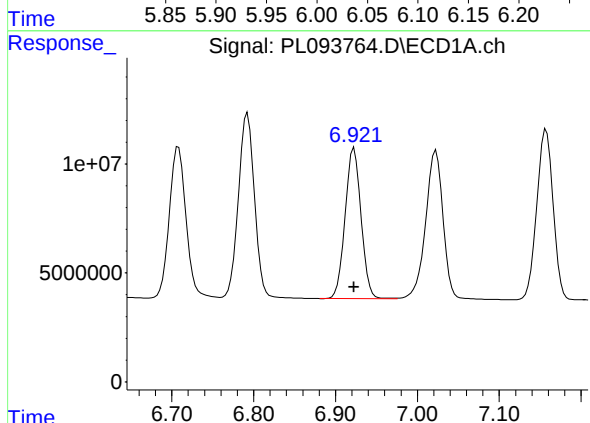
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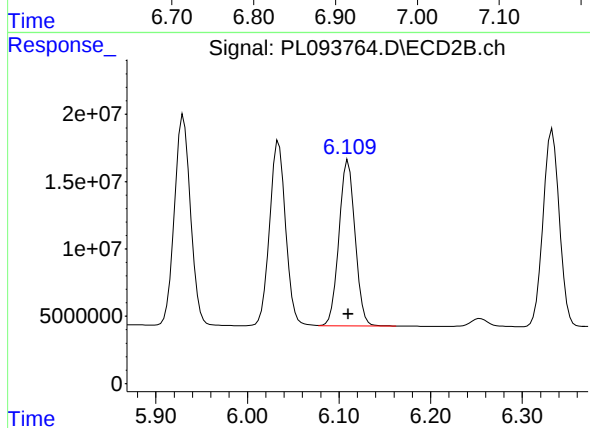
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 167003578
Conc: 51.32 ng/ml



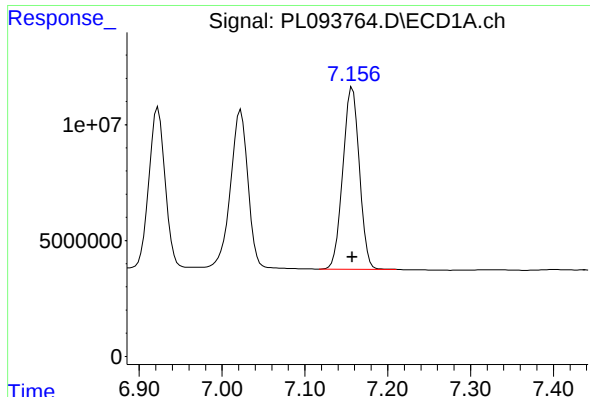
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 94019961
Conc: 48.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 150727839
Conc: 49.51 ng/ml



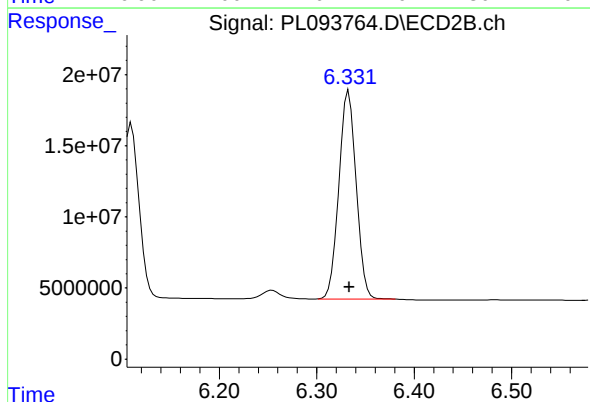
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 108965027
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

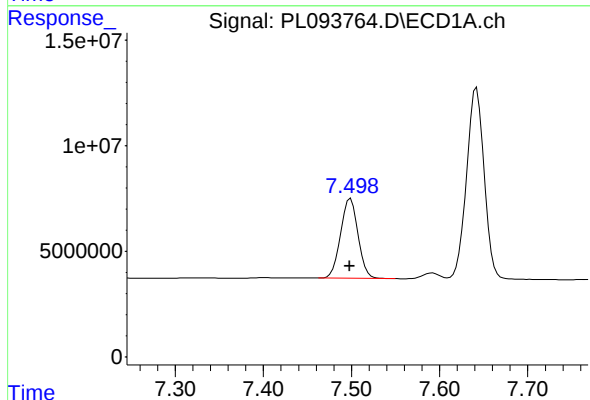
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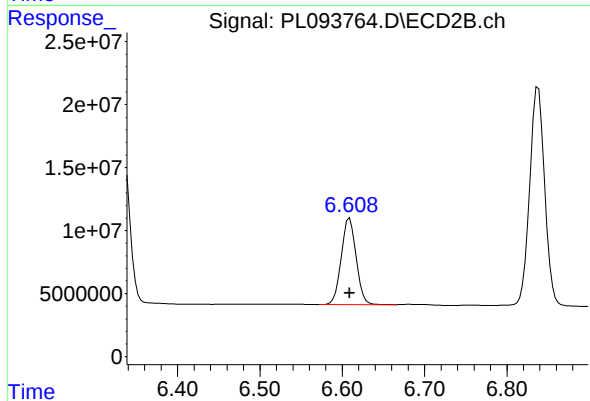
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 180697544
Conc: 50.67 ng/ml



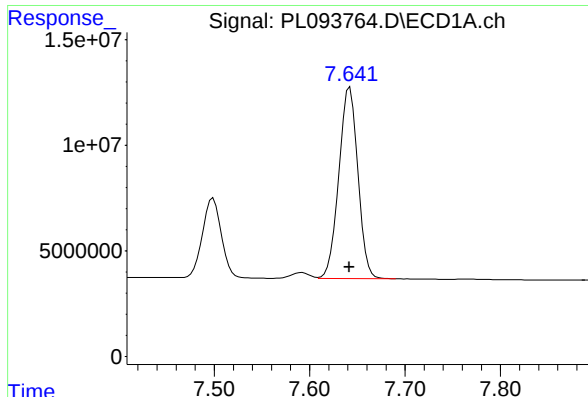
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 51958716
Conc: 49.80 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 85900881
Conc: 48.04 ng/ml



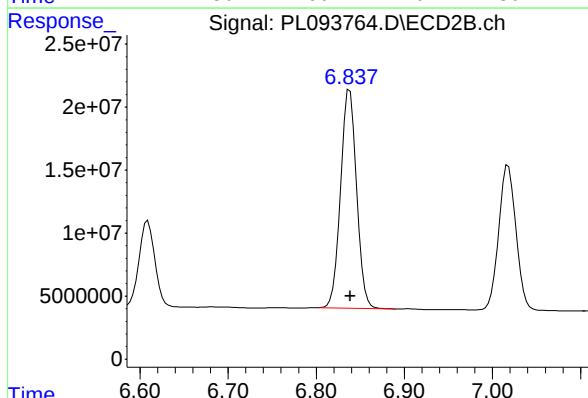
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 125497308
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

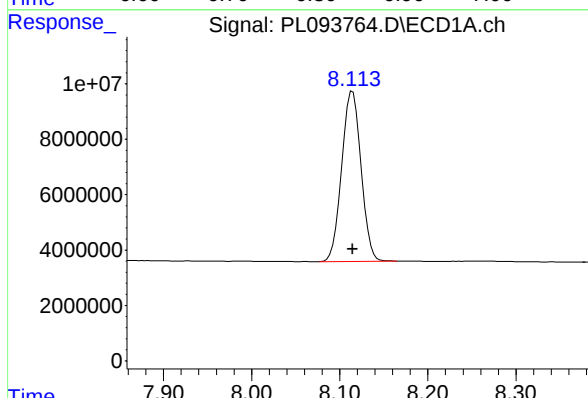
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



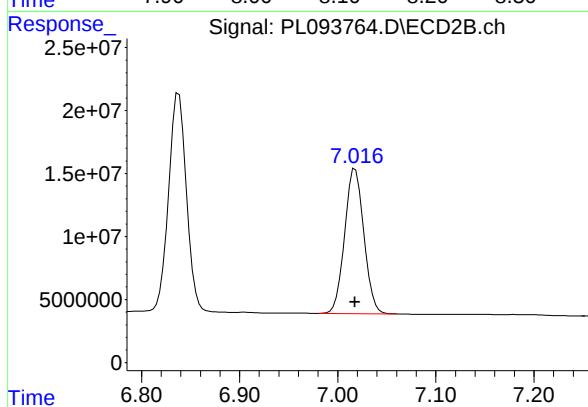
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 218585238
Conc: 52.10 ng/ml



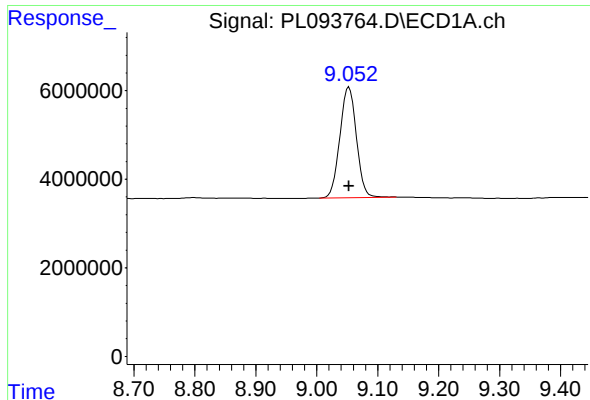
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 93958526
Conc: 45.12 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 156397539
Conc: 46.25 ng/ml



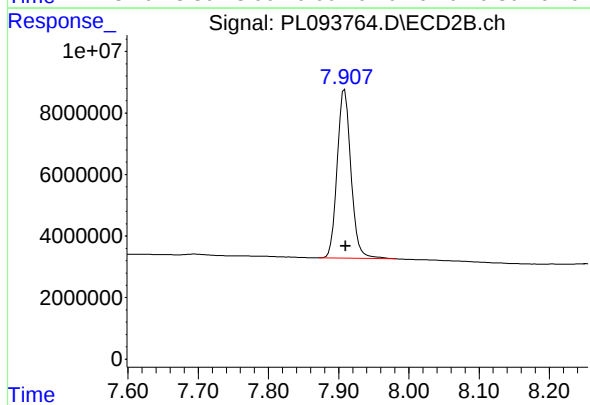
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 47323318
Conc: 22.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166170BSD

Manual Integrations
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Supervised By :Sohil Jodhani 01/24/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 74645443
Conc: 21.30 ng/ml