

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 16:29
 Operator : AR\AJ
 Sample : PB166839BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166839BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:12:32 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	2.772	49981174	59397857	19.685	18.613
28) SA Decachlor...	9.054	7.907	44274408	74814730	20.813	19.454
Target Compounds						
2) A alpha-BHC	3.994	3.274	176.3E6	230.0E6	46.608	46.791
3) MA gamma-BHC...	4.326	3.604	170.6E6	220.5E6	46.164	46.810
4) MA Heptachlor	4.914	3.942	167.6E6	229.7E6	49.428	48.669
5) MB Aldrin	5.256	4.221	161.1E6	215.6E6	46.941	46.667
6) B beta-BHC	4.525	3.904	76748873	97902565	48.061	49.224
7) B delta-BHC	4.770	4.133	169.7E6	218.8E6	47.956m	46.206
8) B Heptachlo...	5.682	4.723	146.9E6	206.7E6	48.739	48.581
9) A Endosulfan I	6.068	5.093	134.2E6	195.2E6	48.810	48.958
10) B gamma-Chl...	5.938	4.974	143.9E6	216.1E6	49.005	49.804
11) B alpha-Chl...	6.018	5.037	143.3E6	213.4E6	49.470	49.425
12) B 4,4'-DDE	6.191	5.226	134.8E6	214.0E6	51.626	50.949
13) MA Dieldrin	6.343	5.358	140.3E6	219.1E6	49.233	50.000
14) MA Endrin	6.572	5.633	118.0E6	197.7E6	46.239m	58.078 #
15) B Endosulfa...	6.794	5.928	120.7E6	197.9E6	47.954	52.908
16) A 4,4'-DDD	6.710	5.781	103.1E6	175.8E6	55.719	55.179
17) MA 4,4'-DDT	7.023	6.031	110.6E6	190.5E6	52.669	53.563
18) B Endrin al...	6.924	6.107	92980211	154.9E6	47.761	49.011
19) B Endosulfa...	7.158	6.330	109.5E6	189.6E6	48.365	51.321
20) A Methoxychlor	7.500	6.606	57488668	101.2E6	51.743	51.850
21) B Endrin ke...	7.644	6.835	120.8E6	218.6E6	48.184	51.217
22) Mirex	8.116	7.015	90269864	163.1E6	43.750	46.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 16:29
Operator : AR\AJ
Sample : PB166839BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

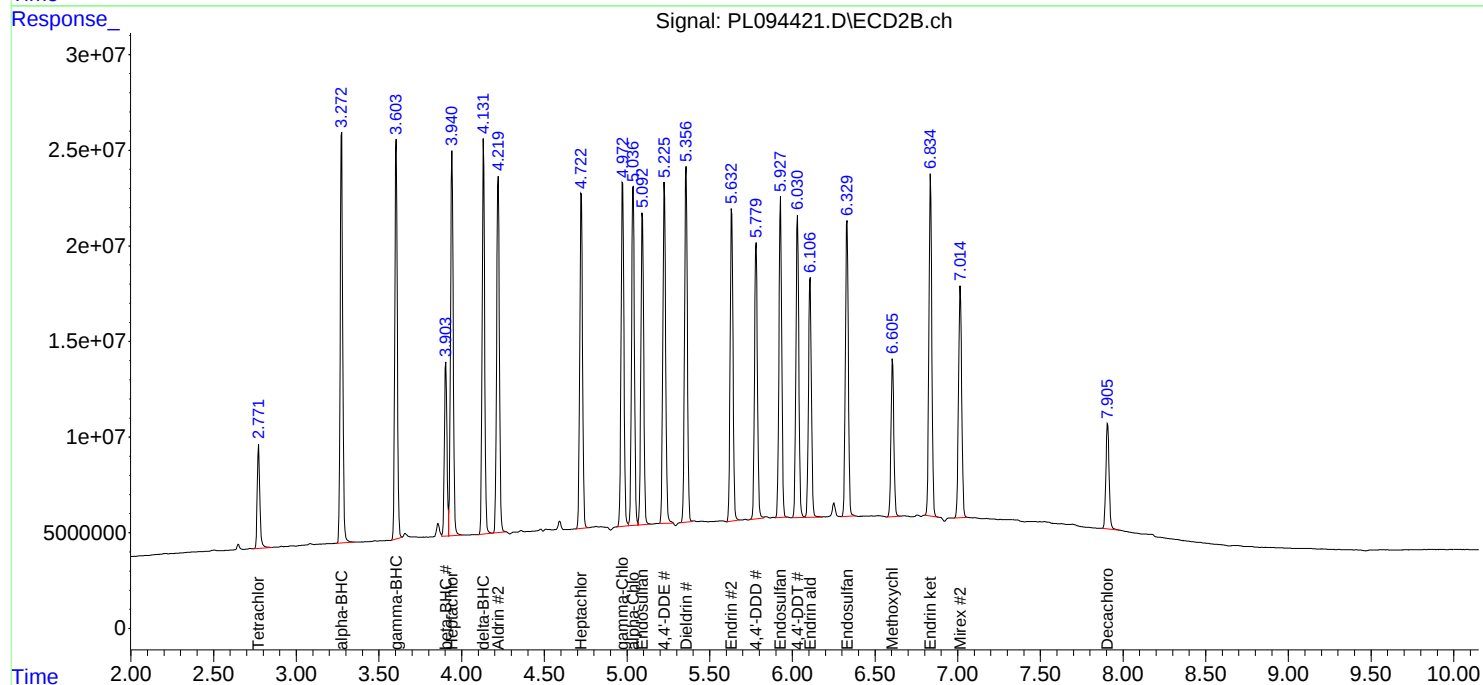
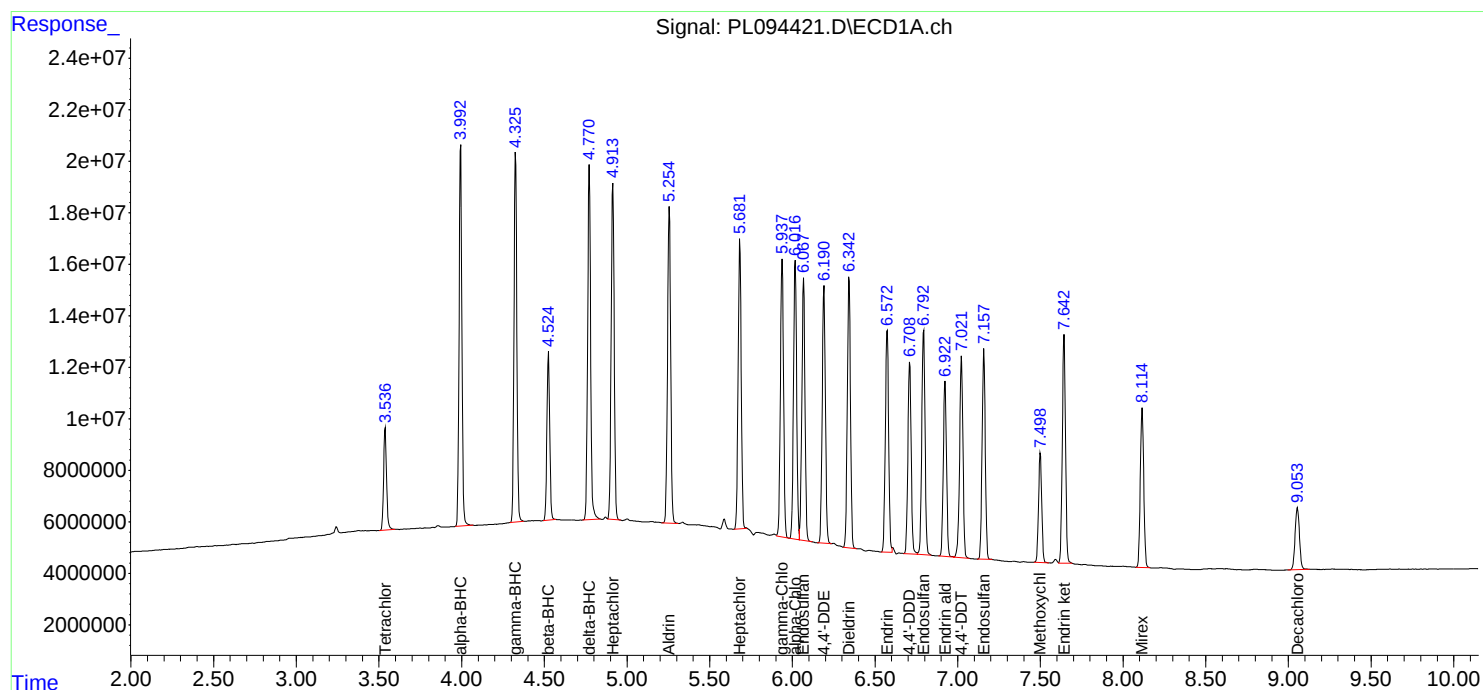
Instrument :
ECD_L
ClientSampleId :
PB166839BS

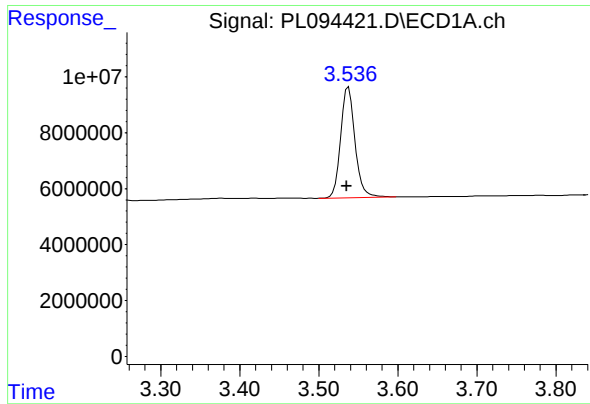
Manual Integrations
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Reviewed By : Abdul Mirza 03/02/2025
Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:12:32 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





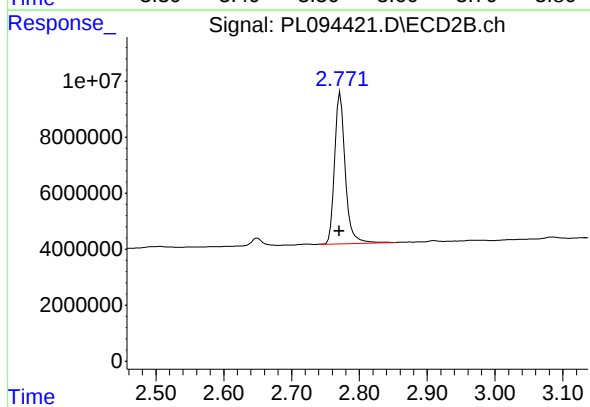
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 49981174
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

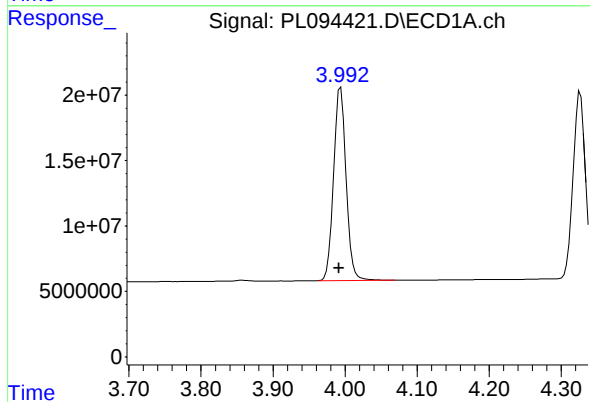
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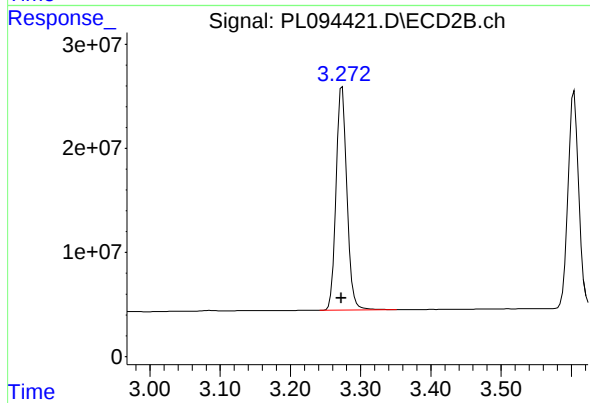
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 59397857
Conc: 18.61 ng/ml



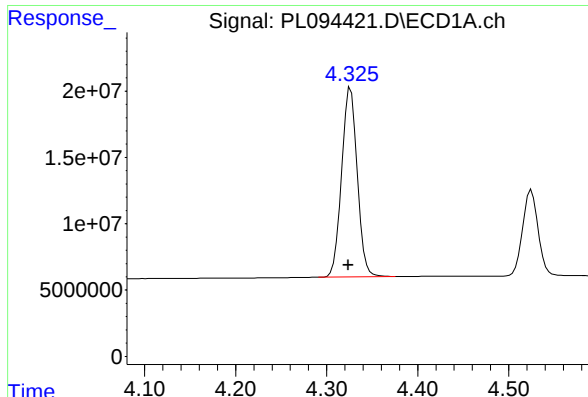
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 176302056
Conc: 46.61 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 229969070
Conc: 46.79 ng/ml



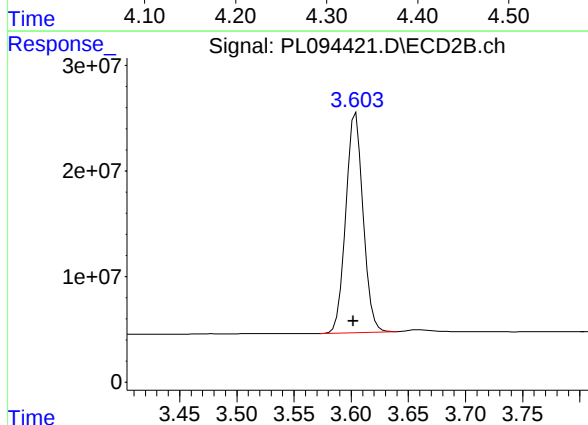
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 170562413
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

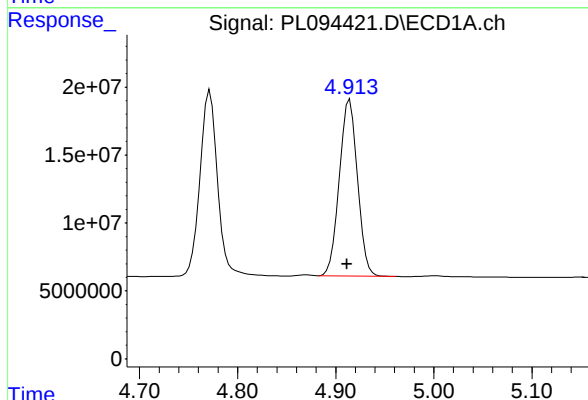
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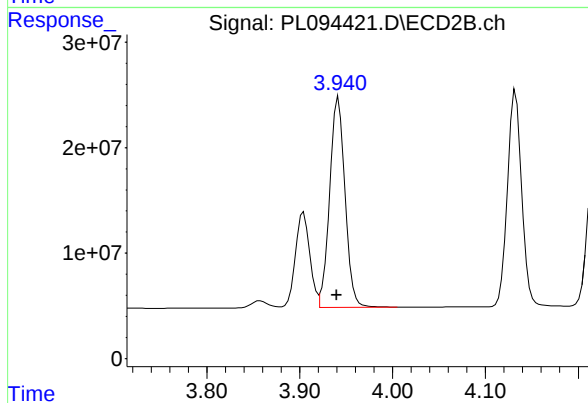
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 220472494
Conc: 46.81 ng/ml



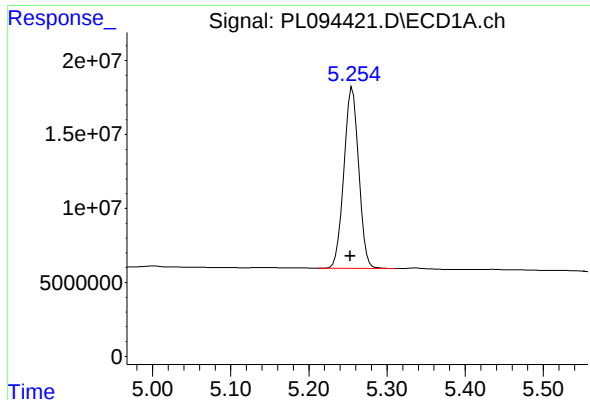
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.003 min
Response: 167579038
Conc: 49.43 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 229731764
Conc: 48.67 ng/ml



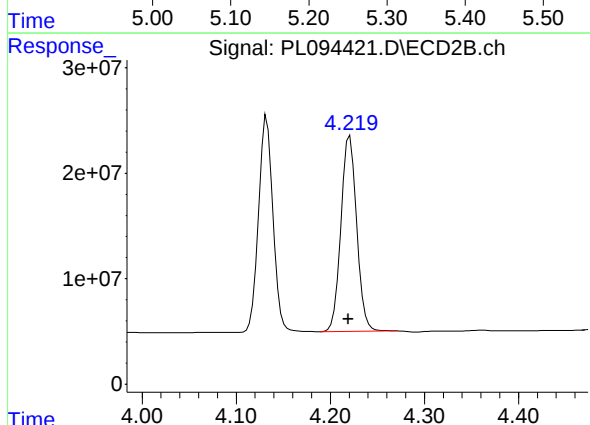
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 161088027
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

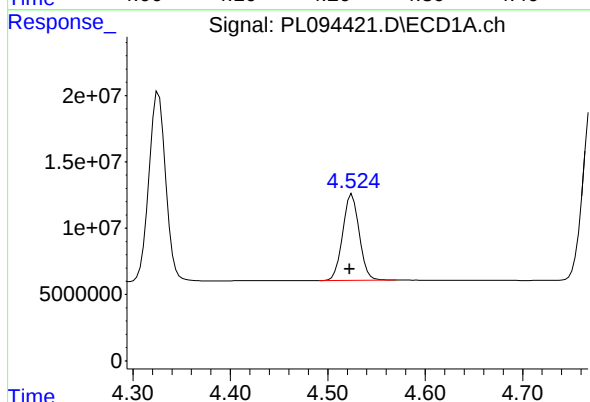
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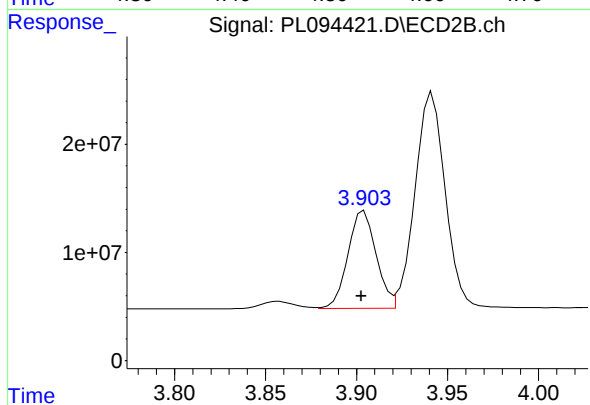
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 215617823
Conc: 46.67 ng/ml



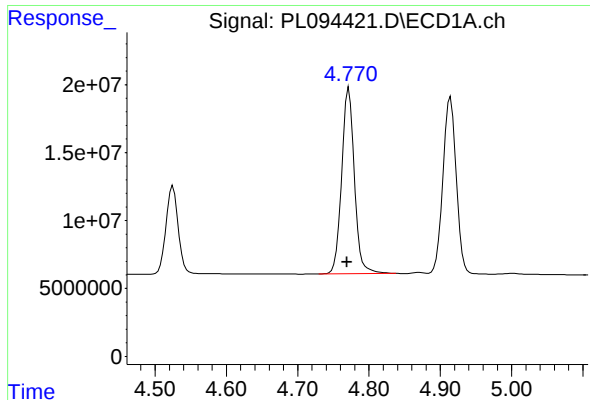
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 76748873
Conc: 48.06 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 97902565
Conc: 49.22 ng/ml



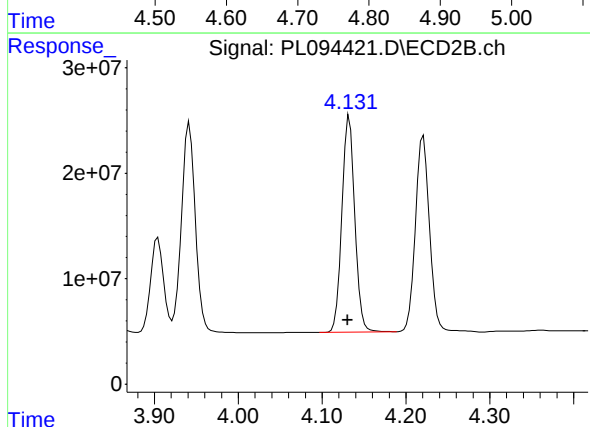
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 169683129
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

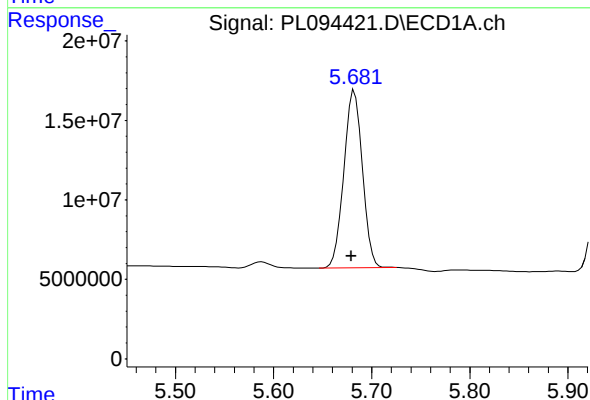
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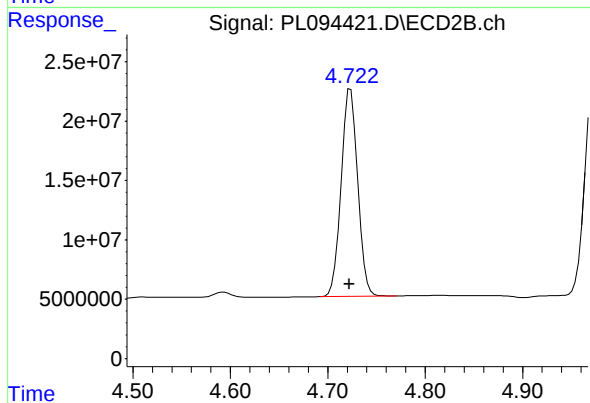
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 218817717
Conc: 46.21 ng/ml



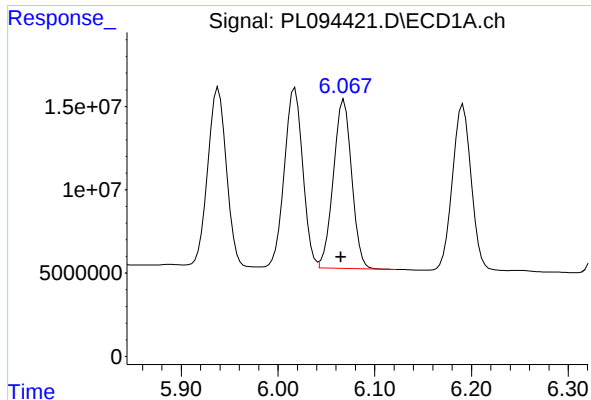
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 146868911
Conc: 48.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 206729604
Conc: 48.58 ng/ml



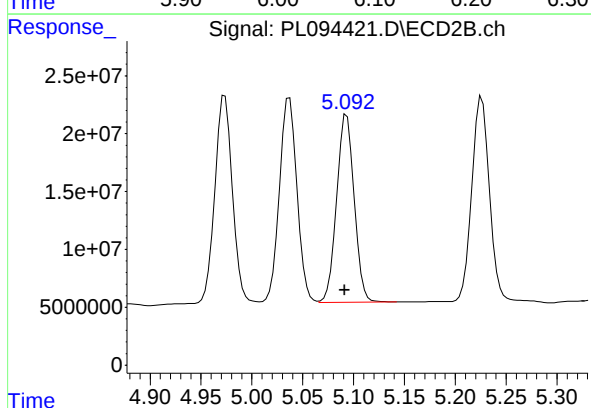
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 134161100
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

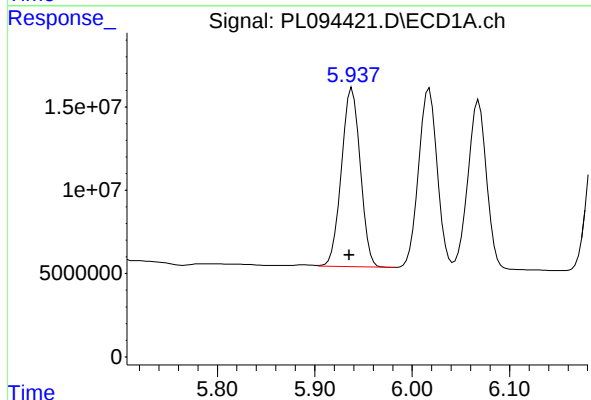
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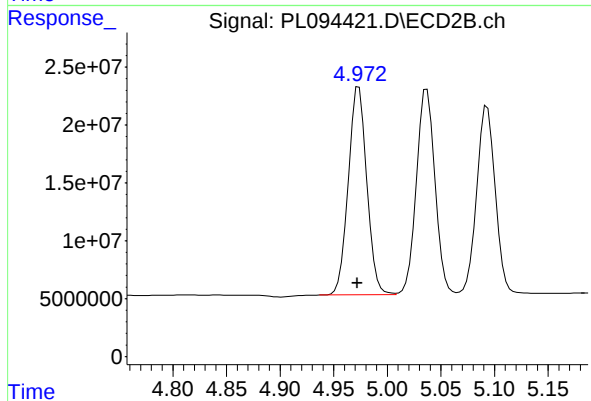
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 195173653
Conc: 48.96 ng/ml



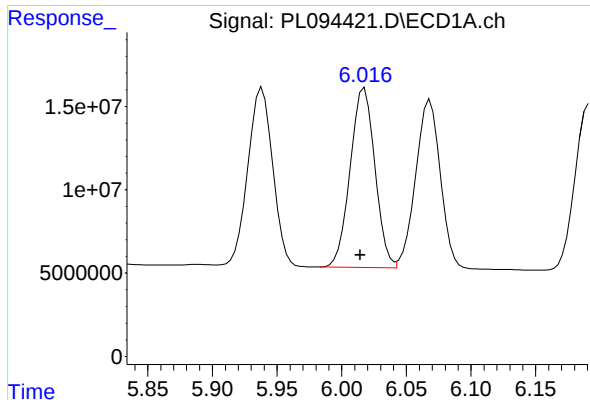
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 143886823
Conc: 49.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 216090249
Conc: 49.80 ng/ml



#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 143318964
Conc: 49.47 ng/ml

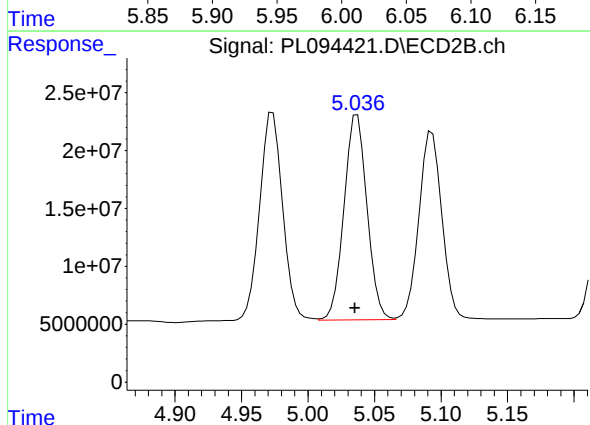
Instrument :

ECD_L

ClientSampleId :
PB166839BS

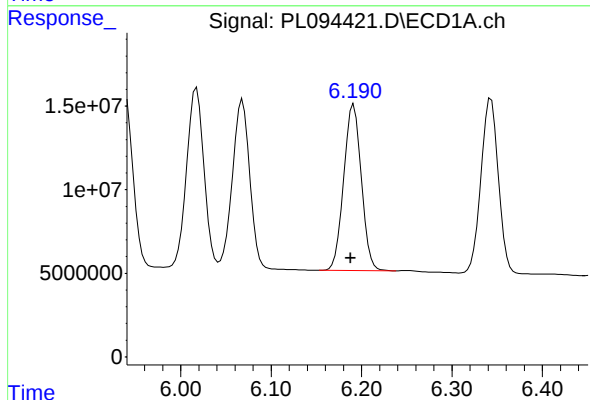
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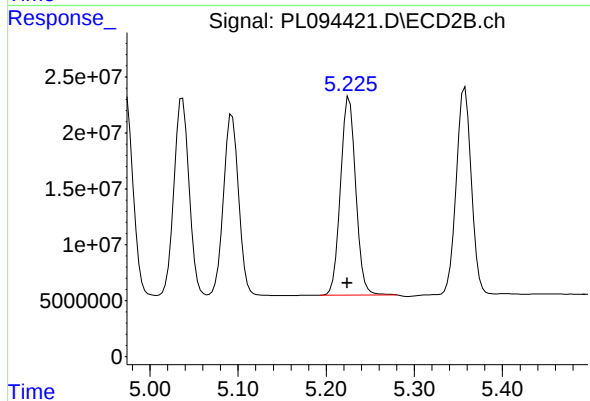
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 213398924
Conc: 49.43 ng/ml



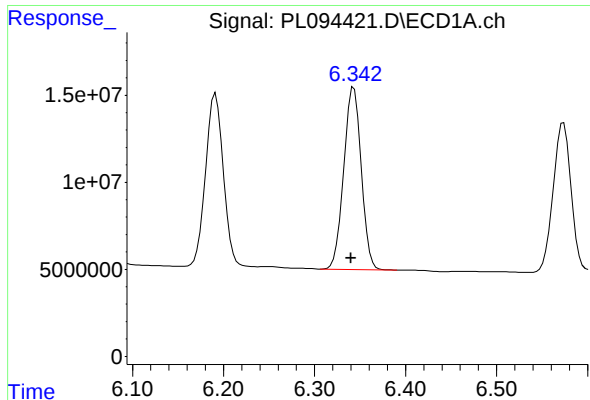
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 134832148
Conc: 51.63 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 213987475
Conc: 50.95 ng/ml



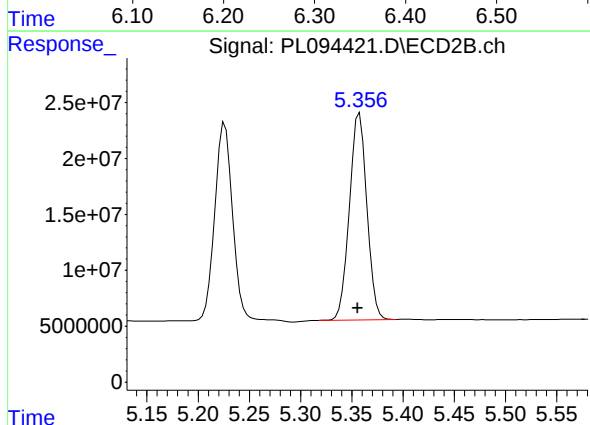
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 140266887
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

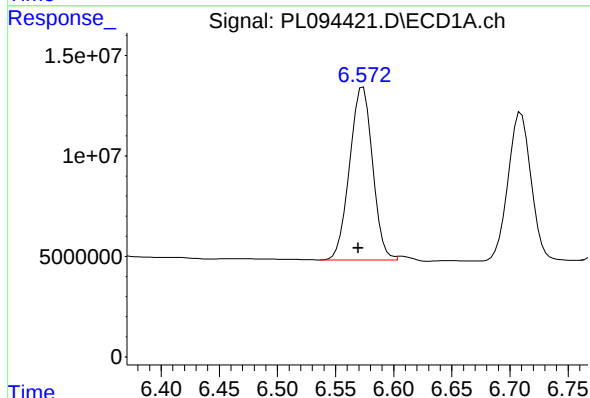
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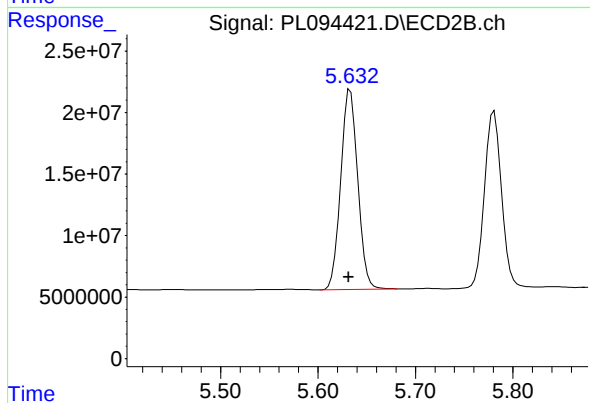
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 219088516
Conc: 50.00 ng/ml



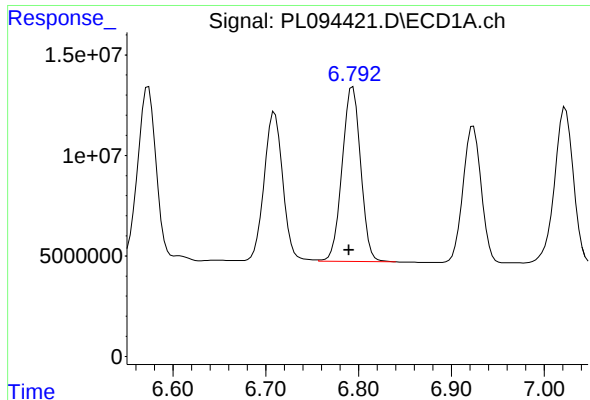
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 118014813
Conc: 46.24 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 197740767
Conc: 58.08 ng/ml



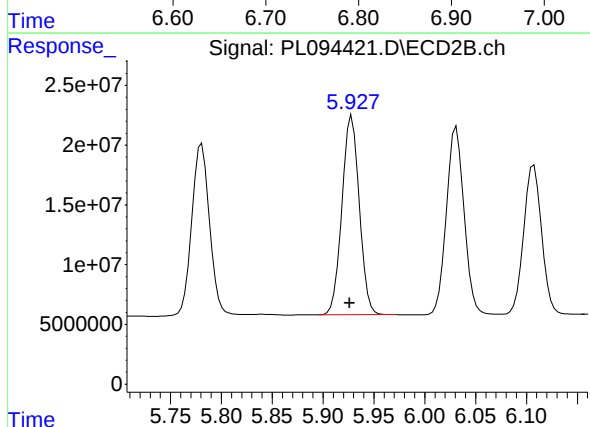
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 120711573
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

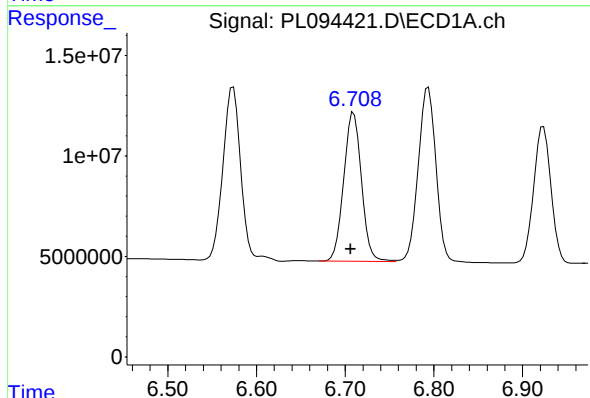
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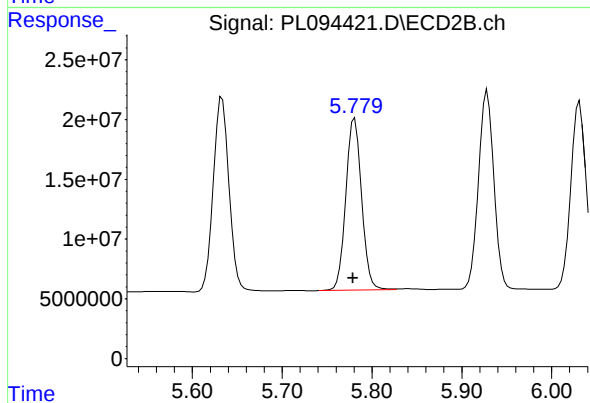
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 197851715
Conc: 52.91 ng/ml



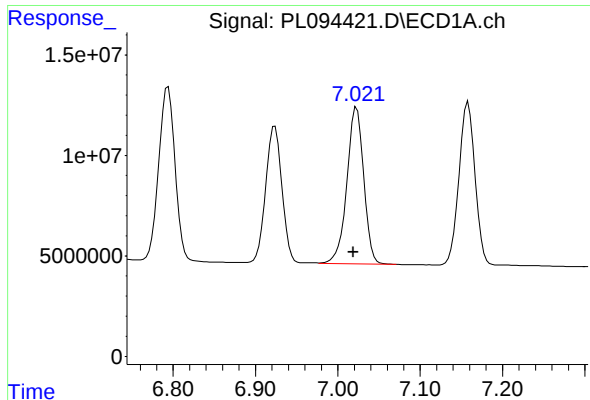
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.003 min
Response: 103066757
Conc: 55.72 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 175763136
Conc: 55.18 ng/ml



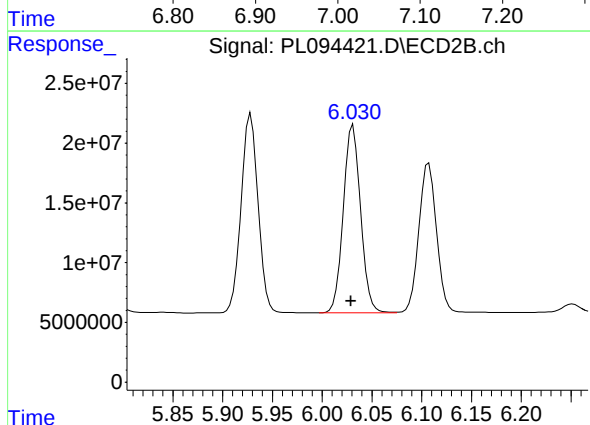
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 110606732
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

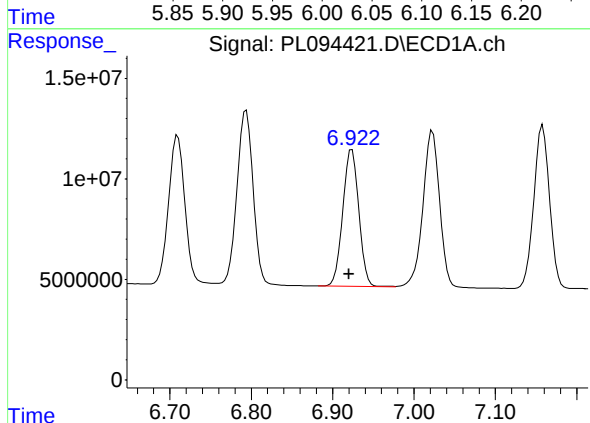
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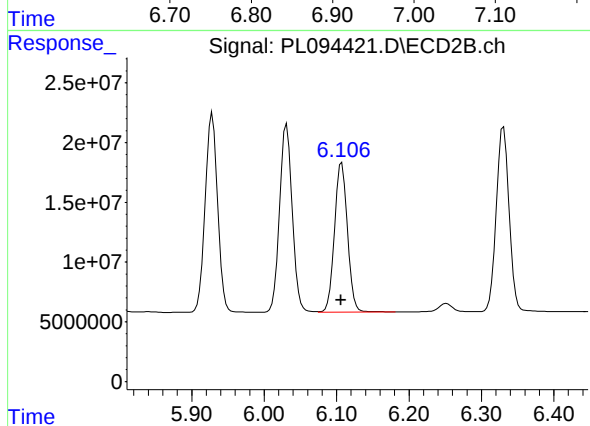
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 190522998
Conc: 53.56 ng/ml



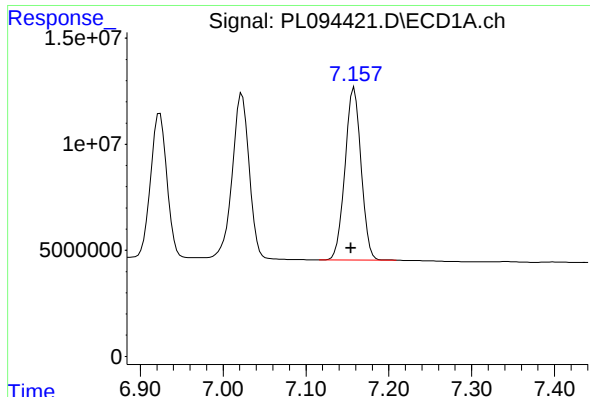
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 92980211
Conc: 47.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 154897059
Conc: 49.01 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 109491753
Conc: 48.37 ng/ml

Instrument :

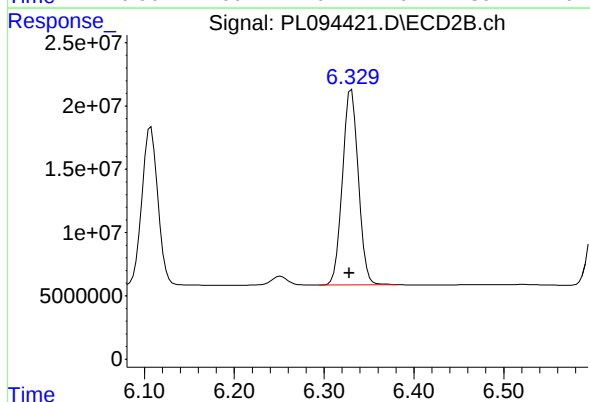
ECD_L

ClientSampleId :

PB166839BS

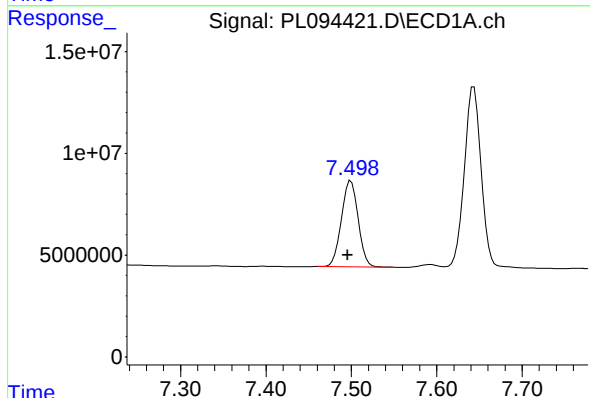
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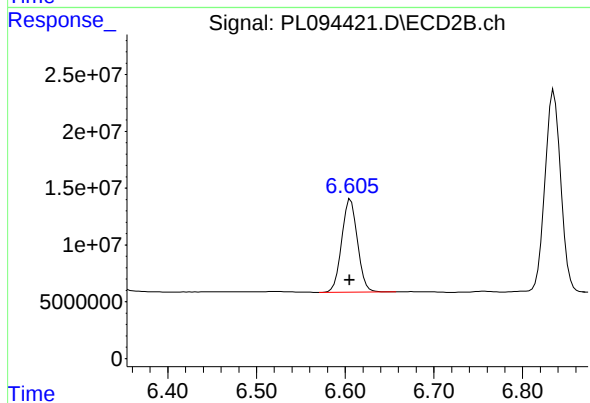
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 189562075
Conc: 51.32 ng/ml



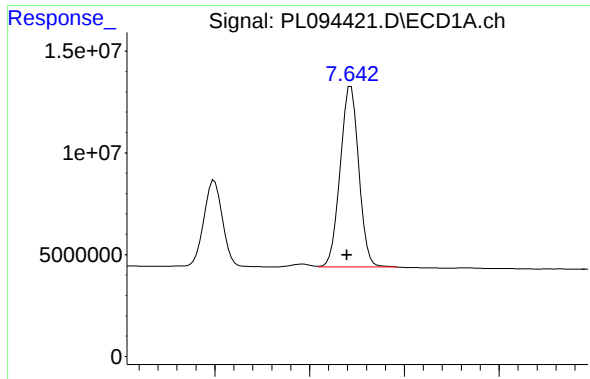
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 57488668
Conc: 51.74 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 101160576
Conc: 51.85 ng/ml



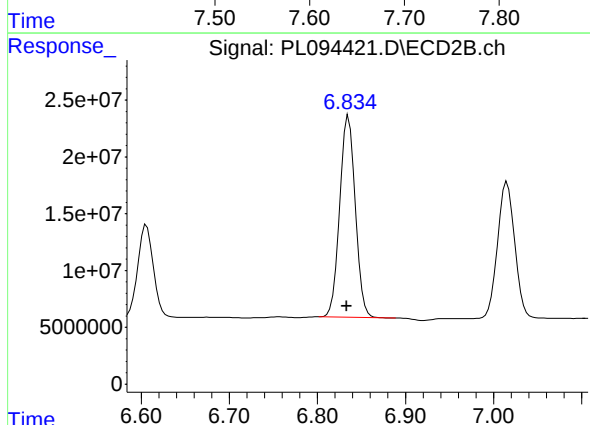
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 120793023
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

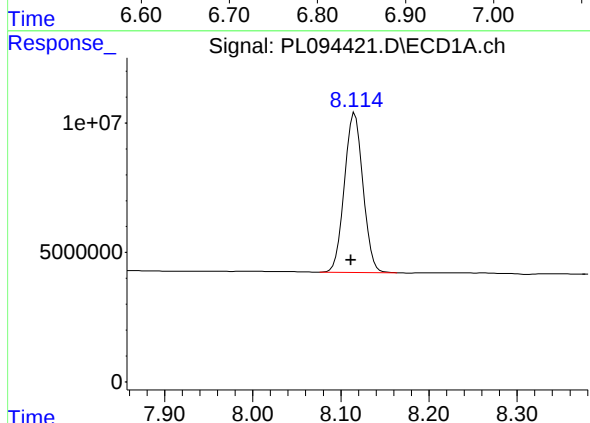
Manual Integrations
APPROVED

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



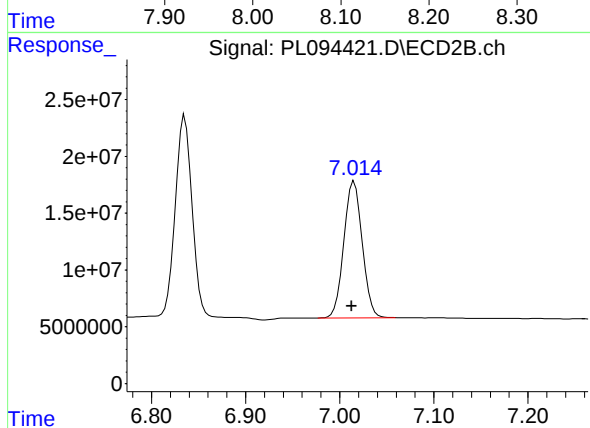
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 218567690
Conc: 51.22 ng/ml



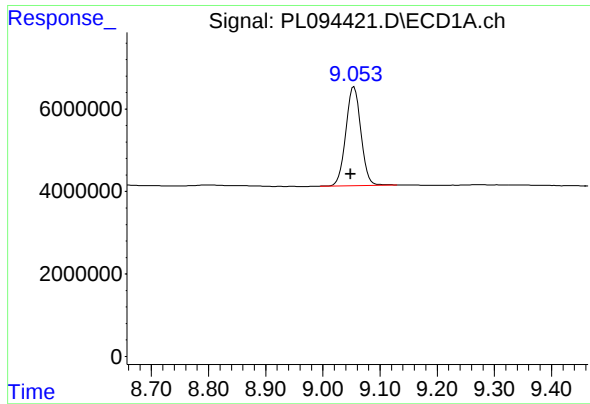
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 90269864
Conc: 43.75 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 163144797
Conc: 46.79 ng/ml



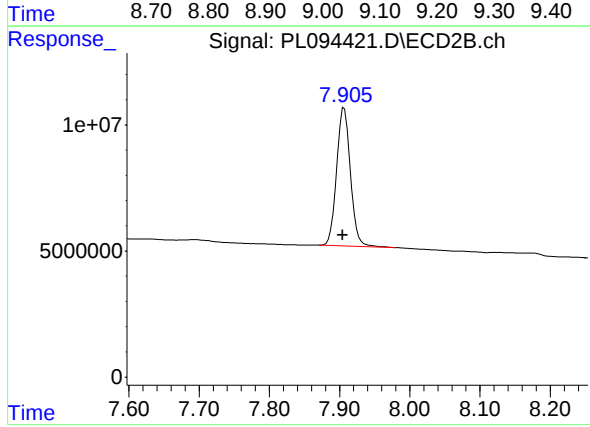
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.005 min
Response: 44274408
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 74814730
Conc: 19.45 ng/ml