

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 23:04
 Operator : AR\AJ
 Sample : PB167077BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167077BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/12/2025
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 03:06:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.537	2.771	51723812	62137560	18.273	17.409
28) SA Decachlor...	9.052	7.905	46331506	88981777	21.985	22.029
Target Compounds						
2) A alpha-BHC	3.991	3.273	169.6E6	225.2E6	40.840m	41.779
3) MA gamma-BHC...	4.324	3.603	164.0E6	217.5E6	41.110m	42.312
4) MA Heptachlor	4.913	3.941	163.1E6	226.1E6	42.009	42.913
5) MB Aldrin	5.254	4.220	154.5E6	208.5E6	41.846	42.763
6) B beta-BHC	4.524	3.903	75177952	94713217	40.742	42.639
7) B delta-BHC	4.771	4.132	169.5E6	214.3E6	43.527	42.849
8) B Heptachlo...	5.681	4.723	143.5E6	201.6E6	42.895	44.032
9) A Endosulfan I	6.067	5.092	132.5E6	194.5E6	43.145	44.311
10) B gamma-Chl...	5.938	4.972	143.7E6	210.3E6	42.662	43.546
11) B alpha-Chl...	6.016	5.036	141.0E6	207.9E6	42.760	43.554
12) B 4,4'-DDE	6.191	5.225	129.9E6	204.1E6	44.164	43.897
13) MA Dieldrin	6.342	5.356	138.0E6	213.9E6	43.156	44.091
14) MA Endrin	6.572	5.632	117.2E6	189.4E6	42.292	43.400
15) B Endosulfa...	6.792	5.926	118.3E6	194.3E6	43.572	44.880
16) A 4,4'-DDD	6.707	5.780	97880545	164.2E6	45.188	45.656
17) MA 4,4'-DDT	7.022	6.030	104.6E6	179.0E6	43.997	44.393
18) B Endrin al...	6.922	6.106	91670917	150.1E6	43.426	44.591
19) B Endosulfa...	7.156	6.329	107.6E6	188.1E6	44.226	46.186
20) A Methoxychlor	7.498	6.605	54381986	95545387	45.429	45.046
21) B Endrin ke...	7.642	6.833	121.0E6	225.0E6	45.763	47.140m
22) Mirex	8.114	7.013	91325096	171.1E6	44.198	45.087

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:04
Operator : AR\AJ
Sample : PB167077BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

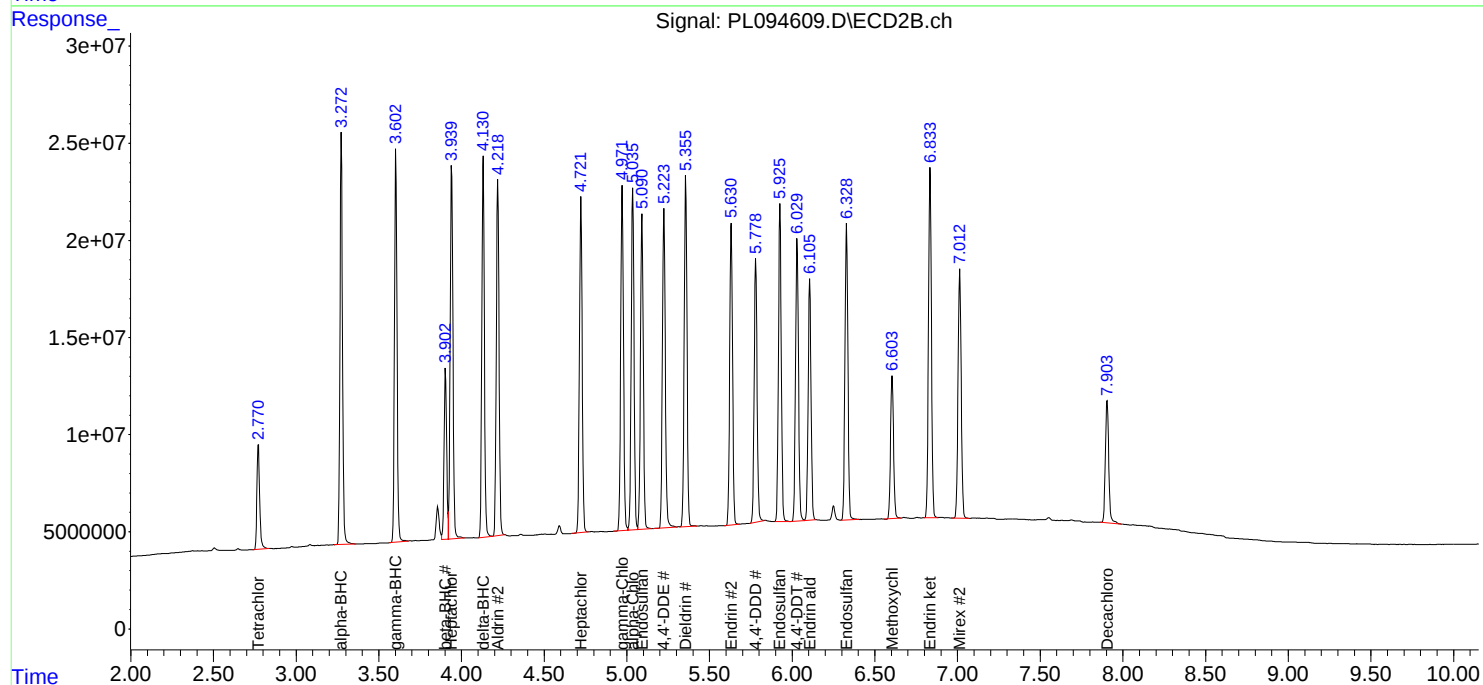
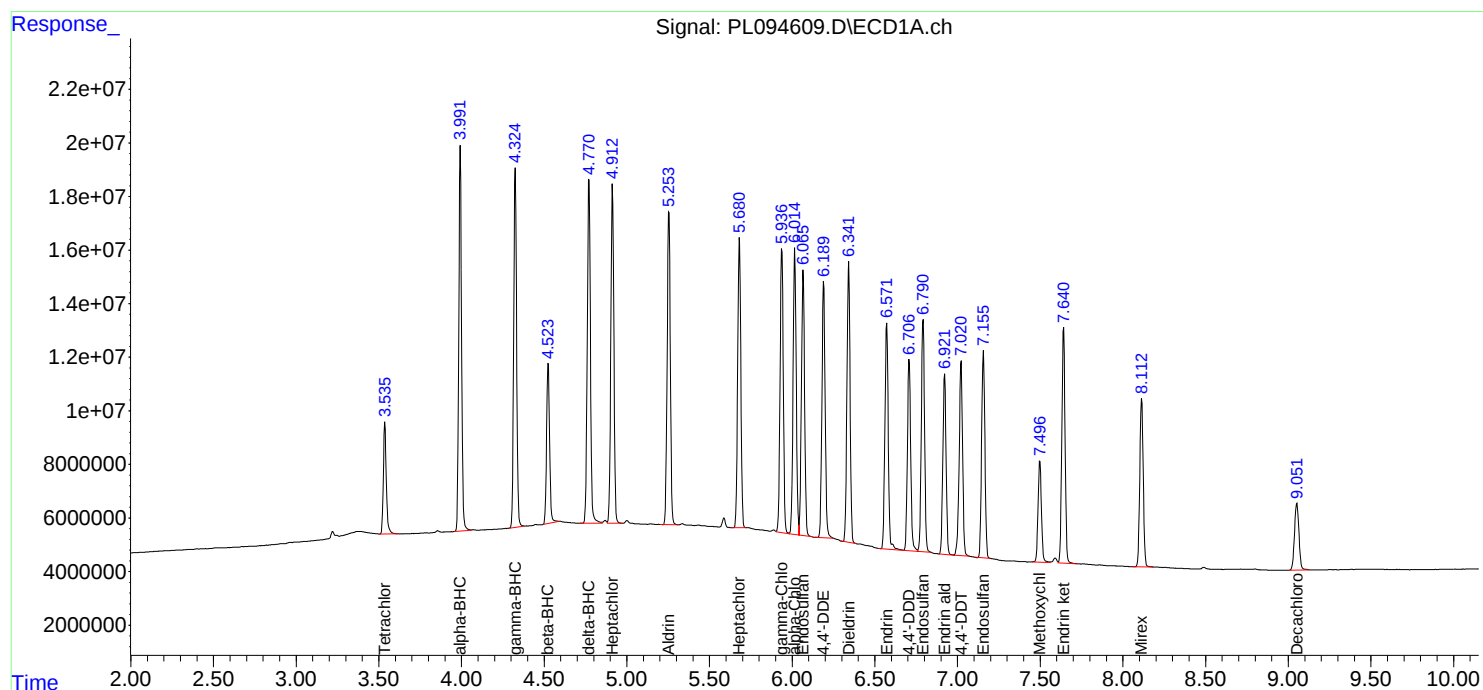
Instrument :
ECD_L
ClientSampleId :
PB167077BS

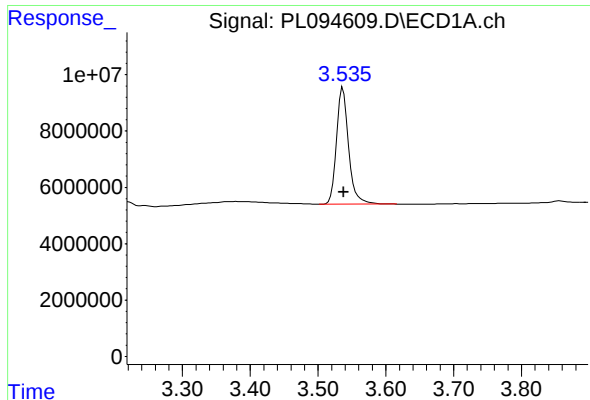
Manual Integrations
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Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:06:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
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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





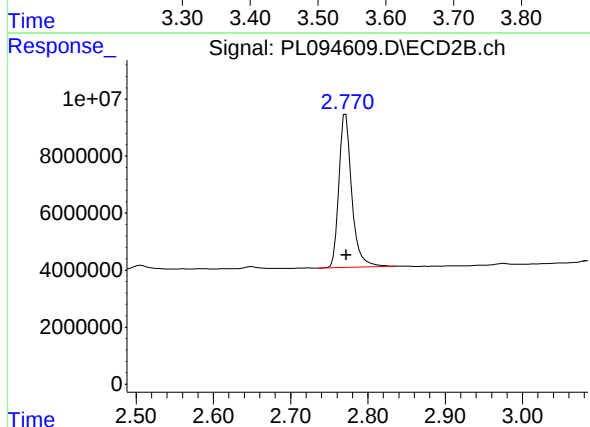
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 51723812
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

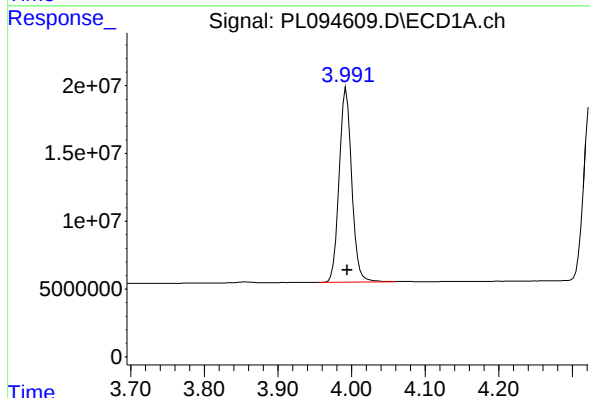
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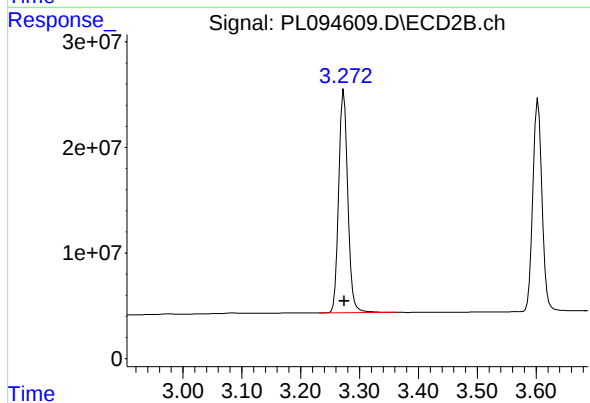
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 62137560
Conc: 17.41 ng/ml



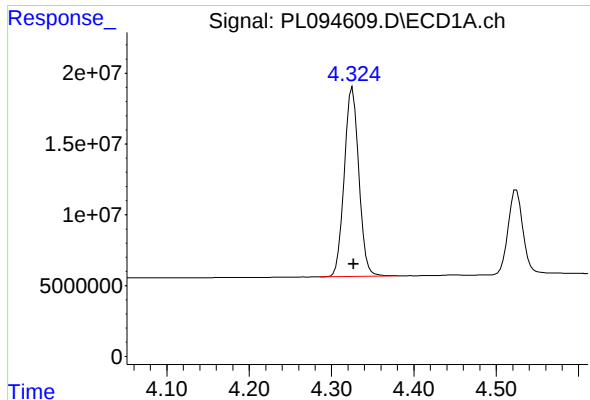
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 169581473
Conc: 40.84 ng/ml m



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.001 min
Response: 225247564
Conc: 41.78 ng/ml



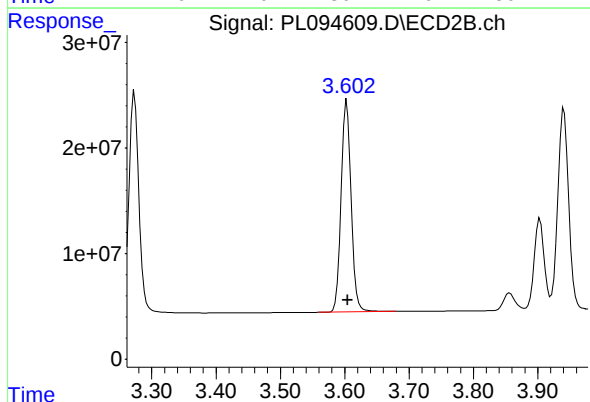
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 164039312
Conc: 41.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

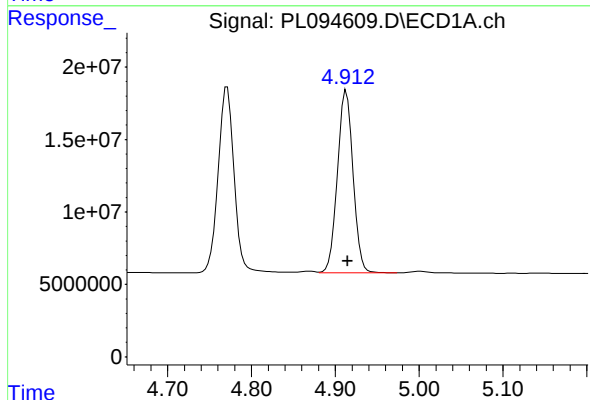
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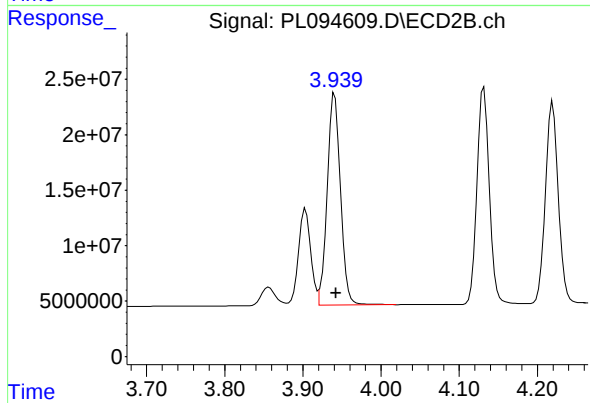
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 217459117
Conc: 42.31 ng/ml



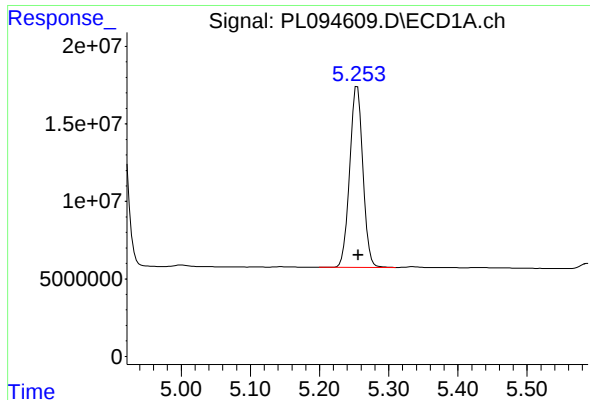
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 163061690
Conc: 42.01 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 226095578
Conc: 42.91 ng/ml



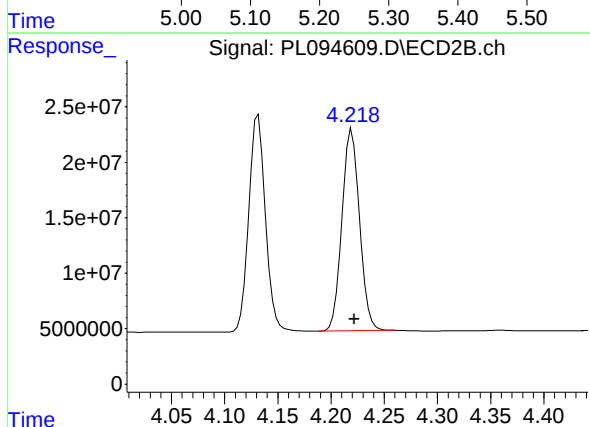
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 154504368
Conc: 41.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

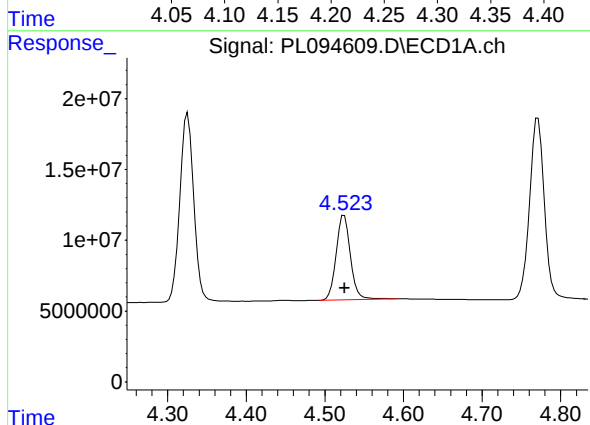
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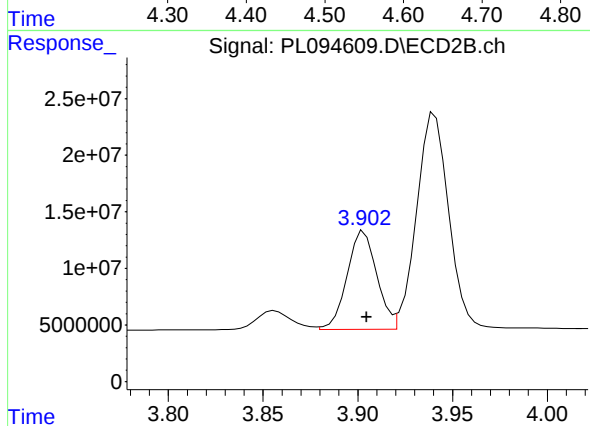
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 208526077
Conc: 42.76 ng/ml



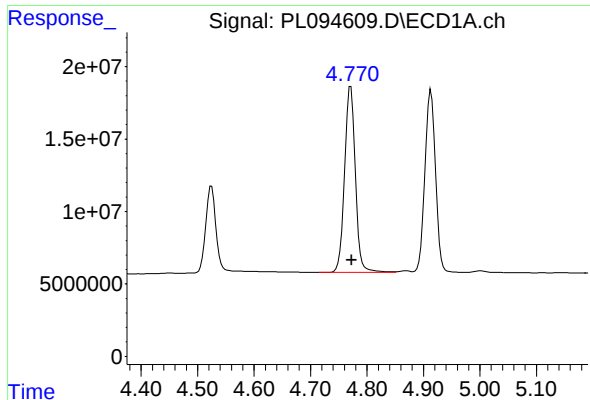
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 75177952
Conc: 40.74 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 94713217
Conc: 42.64 ng/ml



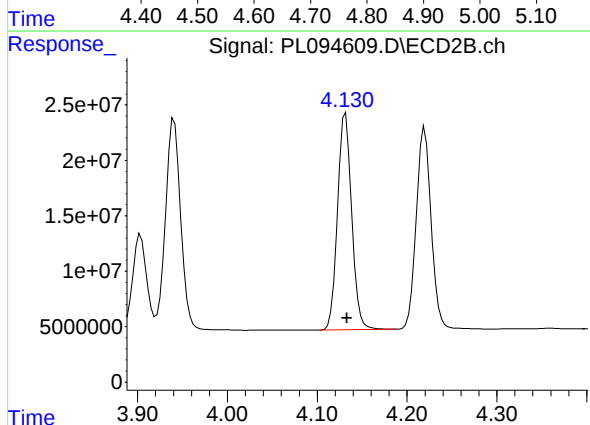
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 169506249
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

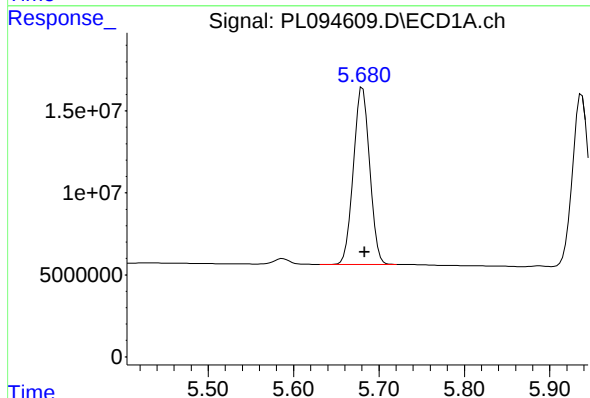
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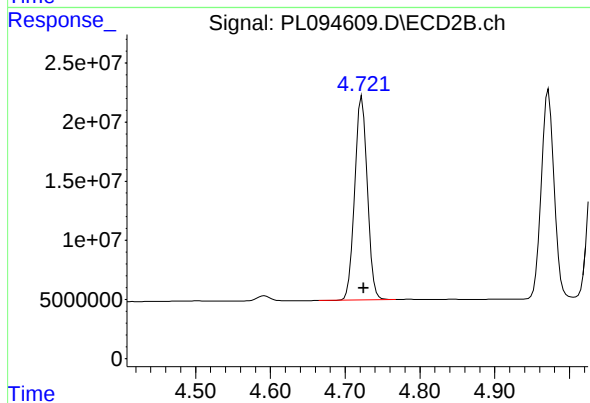
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.002 min
Response: 214327889
Conc: 42.85 ng/ml



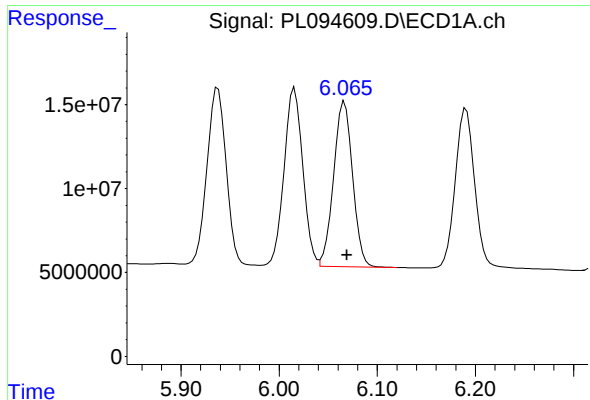
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 143493764
Conc: 42.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 201602015
Conc: 44.03 ng/ml



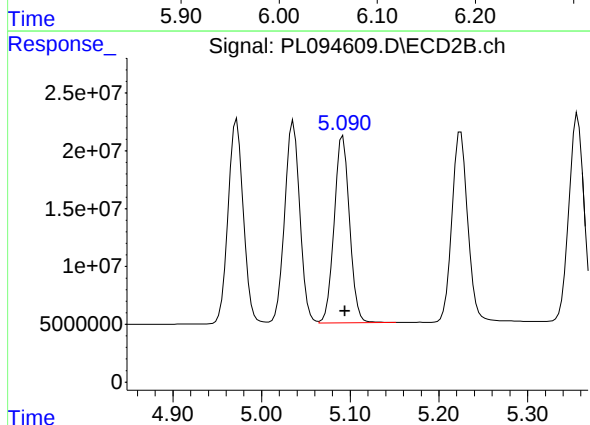
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 132462692
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

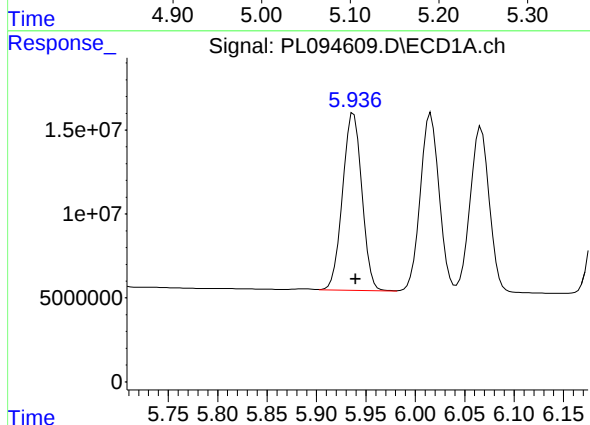
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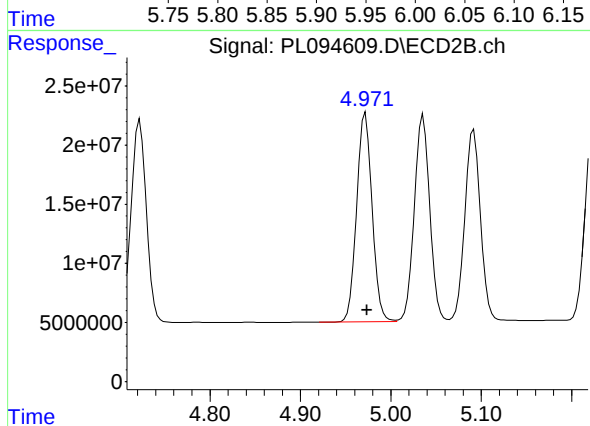
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 194467827
Conc: 44.31 ng/ml



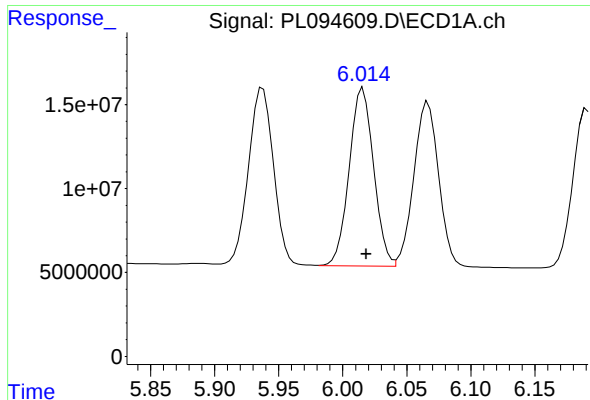
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 143744121
Conc: 42.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 210260371
Conc: 43.55 ng/ml



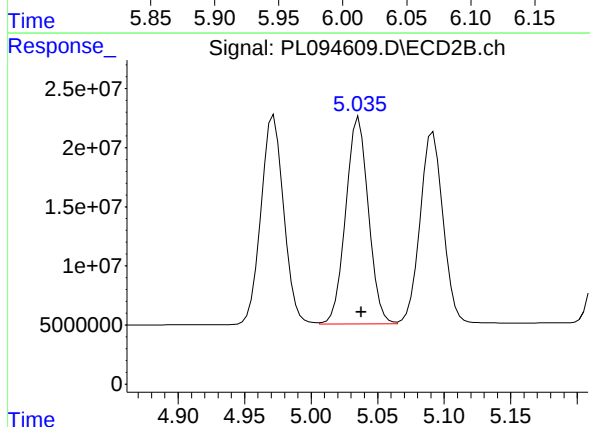
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 140972578
Conc: 42.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

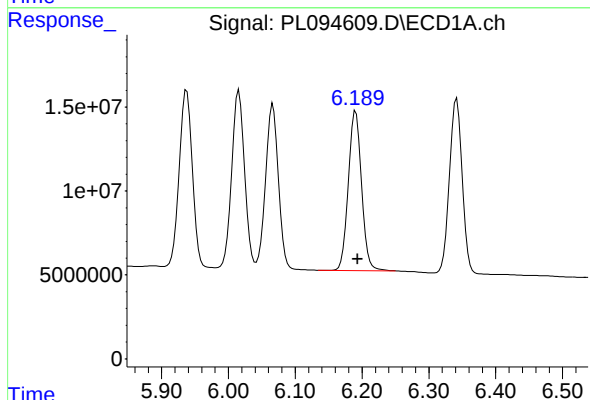
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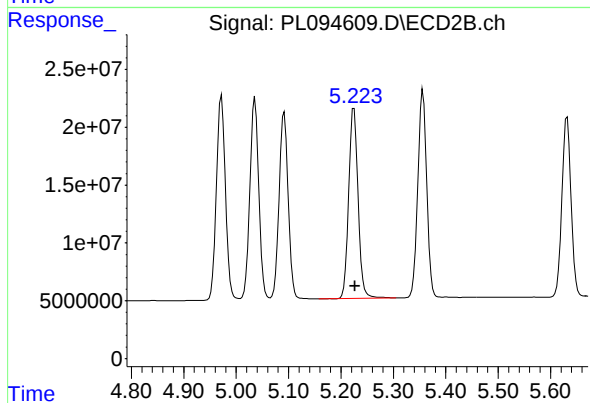
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 207872397
Conc: 43.55 ng/ml



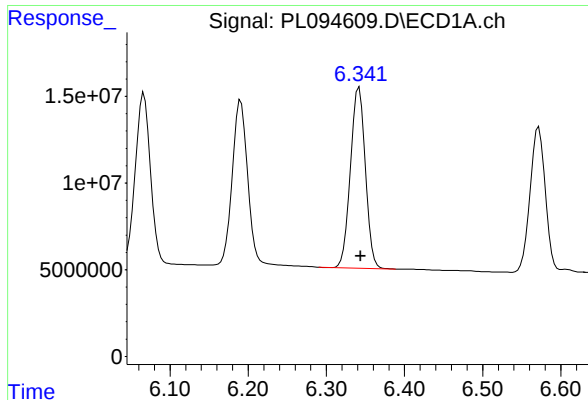
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 129932614
Conc: 44.16 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 204056336
Conc: 43.90 ng/ml



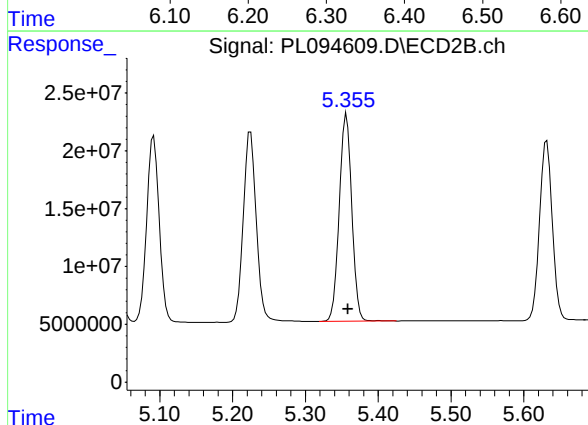
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 138020447
Conc: 43.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

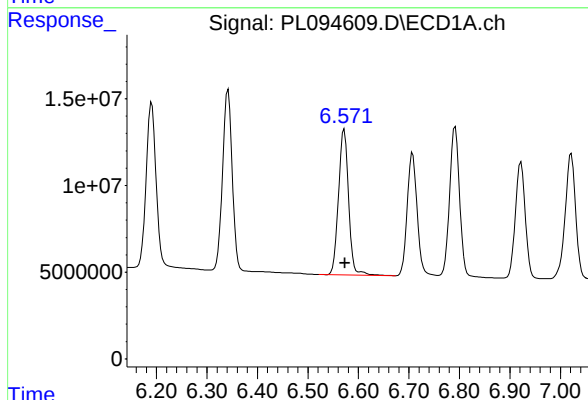
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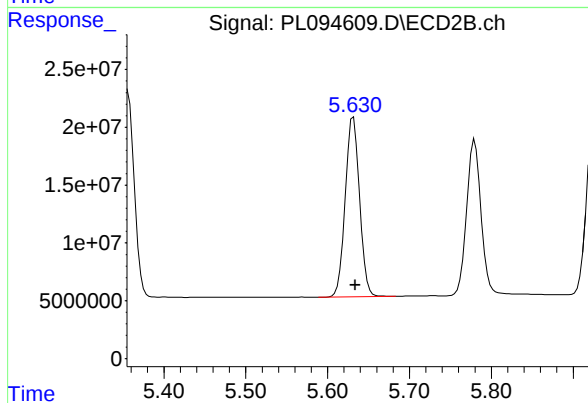
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 213923244
Conc: 44.09 ng/ml



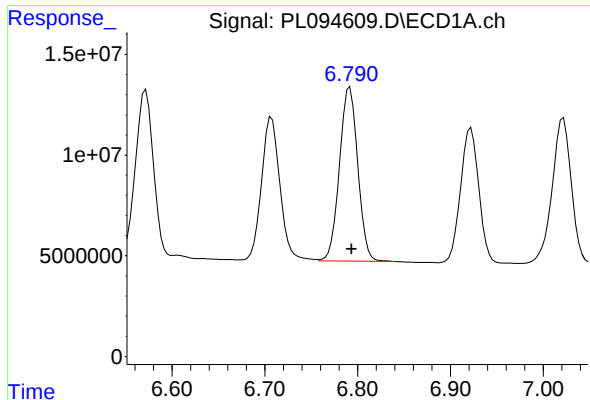
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 117236679
Conc: 42.29 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 189382061
Conc: 43.40 ng/ml



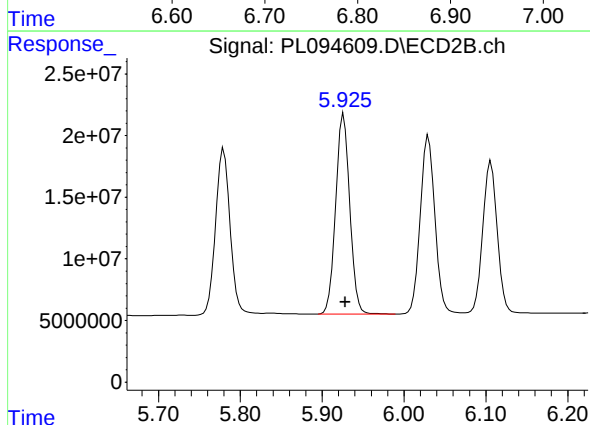
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 118286001
Conc: 43.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

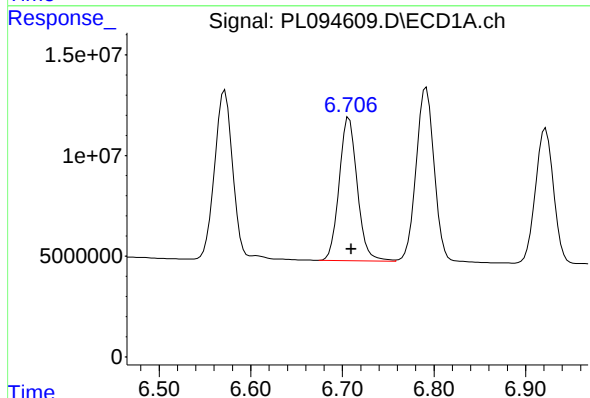
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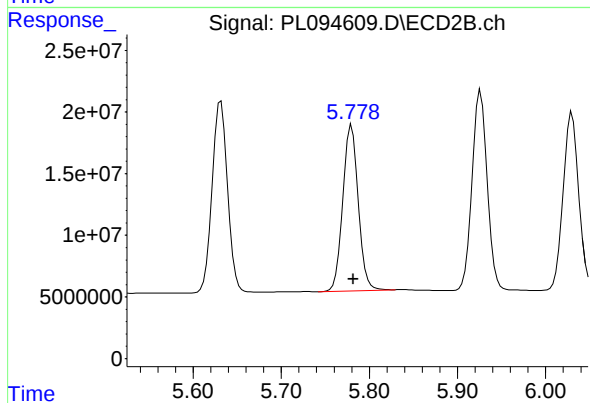
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 194254332
Conc: 44.88 ng/ml



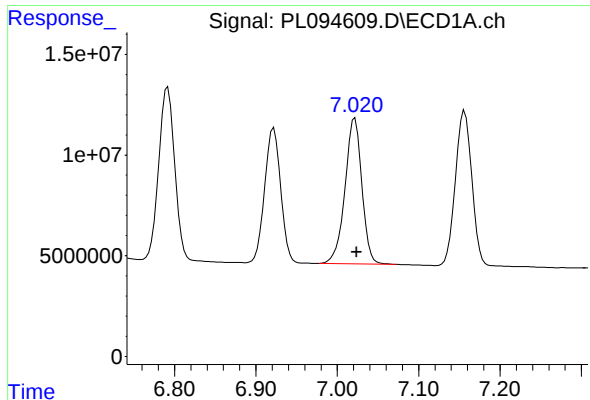
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 97880545
Conc: 45.19 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 164175050
Conc: 45.66 ng/ml



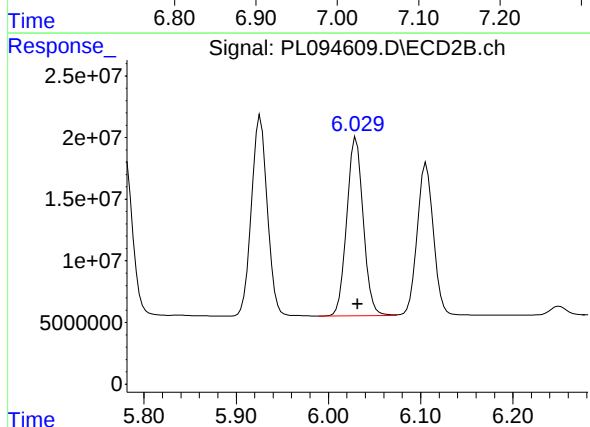
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 104647444
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

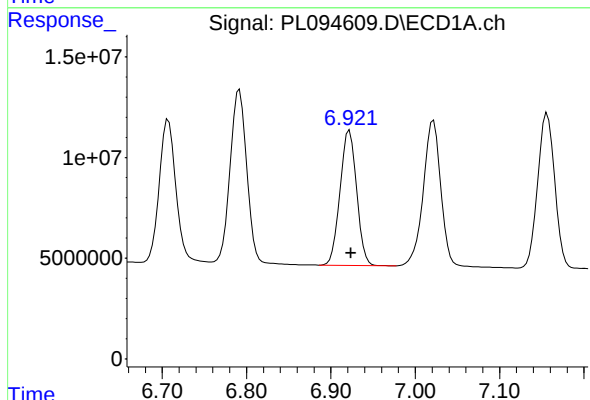
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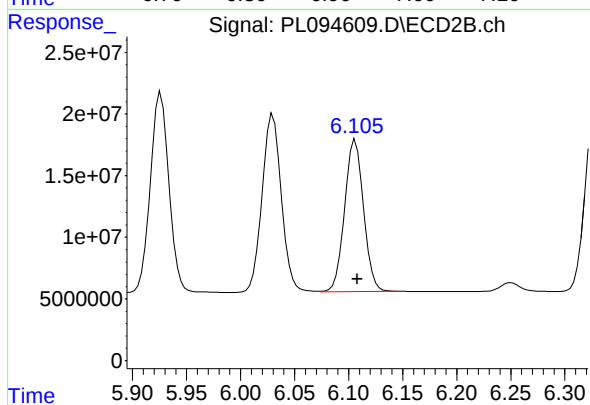
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 178995893
Conc: 44.39 ng/ml



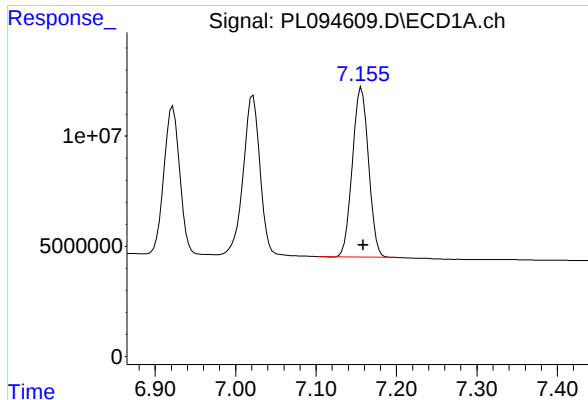
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 91670917
Conc: 43.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 150066576
Conc: 44.59 ng/ml



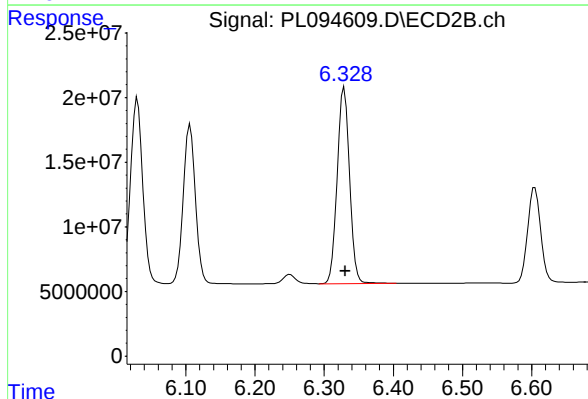
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 107557265
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

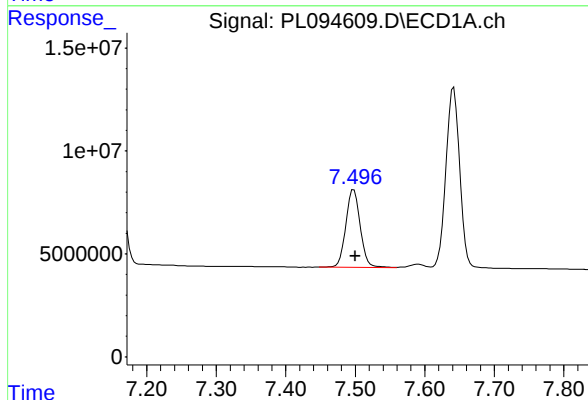
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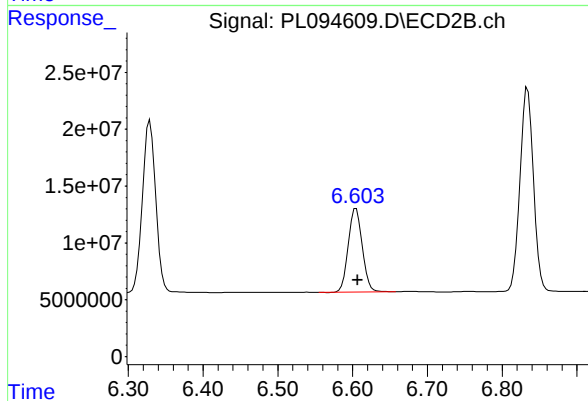
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 188137291
Conc: 46.19 ng/ml



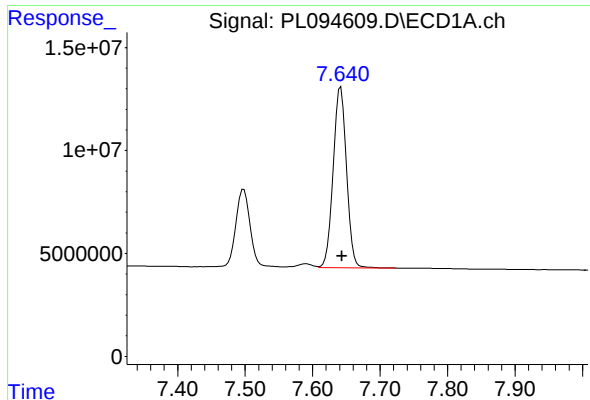
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 54381986
Conc: 45.43 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 95545387
Conc: 45.05 ng/ml



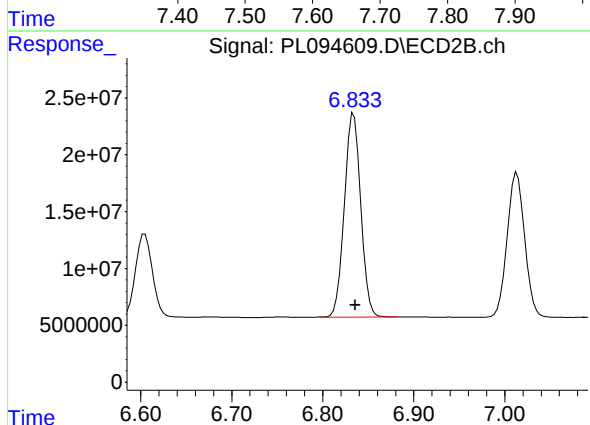
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 120964772
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

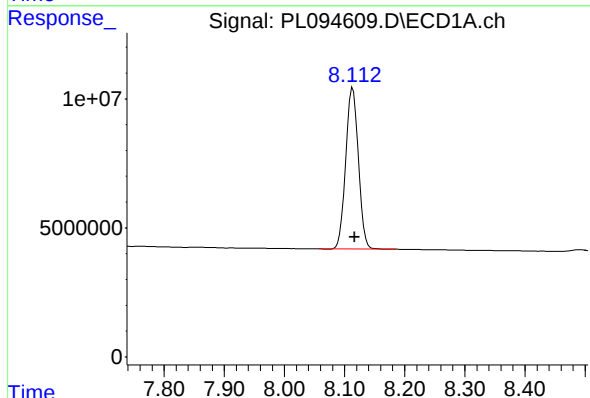
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



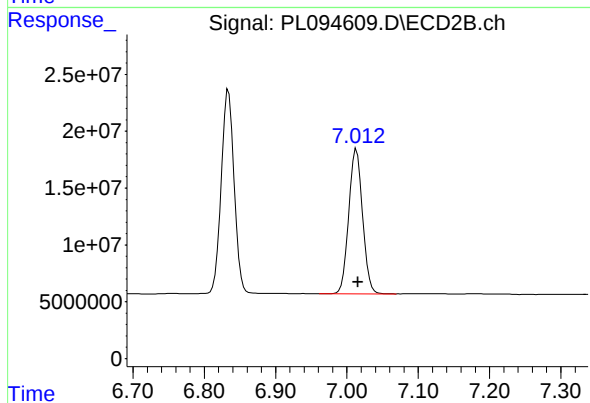
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 224981404
Conc: 47.14 ng/ml m



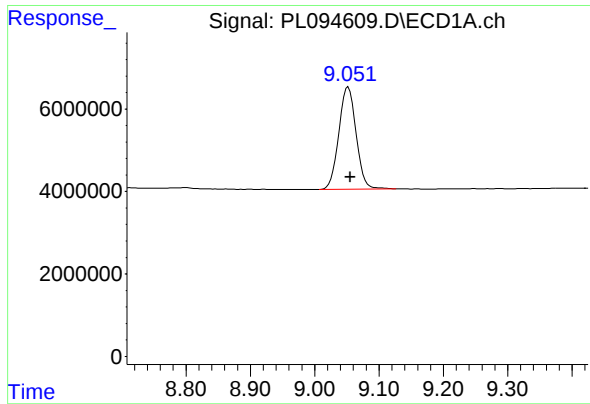
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 91325096
Conc: 44.20 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 171119461
Conc: 45.09 ng/ml



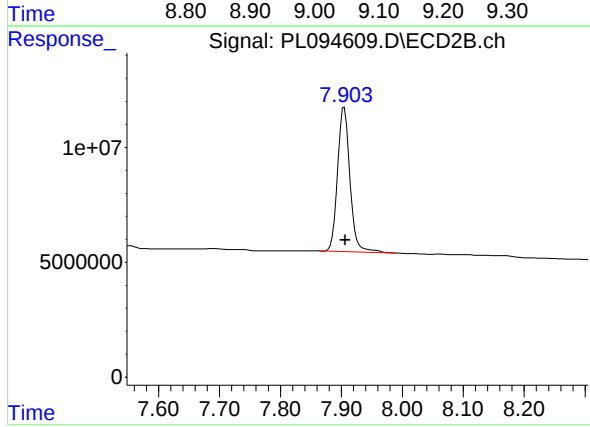
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.003 min
Response: 46331506
Conc: 21.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 88981777
Conc: 22.03 ng/ml