

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 19:45
 Operator : AR\AJ
 Sample : PB167311BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167311BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/26/2025
 Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 02:18:29 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...	3.536	2.770	50003427	66184519	17.665	18.543
28) SA Decachlor...	9.053	7.903	43302592	66384107	20.547	16.434
Target Compounds						
2) A alpha-BHC	3.992	3.272	212.0E6	313.2E6	51.050	58.085
3) MA gamma-BHC...	4.325	3.601	204.2E6	291.4E6	51.180	56.689
4) MA Heptachlor	4.913	3.939	188.1E6	285.2E6	48.453	54.132
5) MB Aldrin	5.254	4.218	179.2E6	271.4E6	48.541	55.661
6) B beta-BHC	4.524	3.902	92639776	126.1E6	50.205	56.782
7) B delta-BHC	4.771	4.130	209.5E6	287.3E6	53.805	57.437
8) B Heptachlo...	5.681	4.721	164.3E6	256.0E6	49.108	55.921
9) A Endosulfan I	6.066	5.090	157.4E6	233.5E6	51.256	53.200
10) B gamma-Chl...	5.937	4.970	168.3E6	265.7E6	49.959	55.033
11) B alpha-Chl...	6.016	5.034	168.0E6	259.2E6	50.961	54.302
12) B 4,4'-DDE	6.190	5.221	165.0E6	257.9E6	56.098	55.485m
13) MA Dieldrin	6.341	5.353	165.6E6	256.5E6	51.767	52.865m
14) MA Endrin	6.570	5.629	136.8E6	235.7E6	49.332m	54.025m
15) B Endosulfa...	6.792	5.925	142.5E6	233.5E6	52.483	53.953
16) A 4,4'-DDD	6.708	5.778	128.3E6	214.0E6	59.238	59.502
17) MA 4,4'-DDT	7.021	6.028	128.1E6	222.0E6	53.844	55.068
18) B Endrin al...	6.922	6.105	110.4E6	180.6E6	52.308	53.659
19) B Endosulfa...	7.156	6.327	125.7E6	218.2E6	51.684	53.565
20) A Methoxychlor	7.498	6.603	65810296	111.2E6	54.976	52.404
21) B Endrin ke...	7.642	6.831	140.6E6	252.6E6	53.180	52.919m
22) Mirex	8.114	7.011	100.2E6	191.4E6	48.498	50.440m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 19:45
Operator : AR\AJ
Sample : PB167311BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

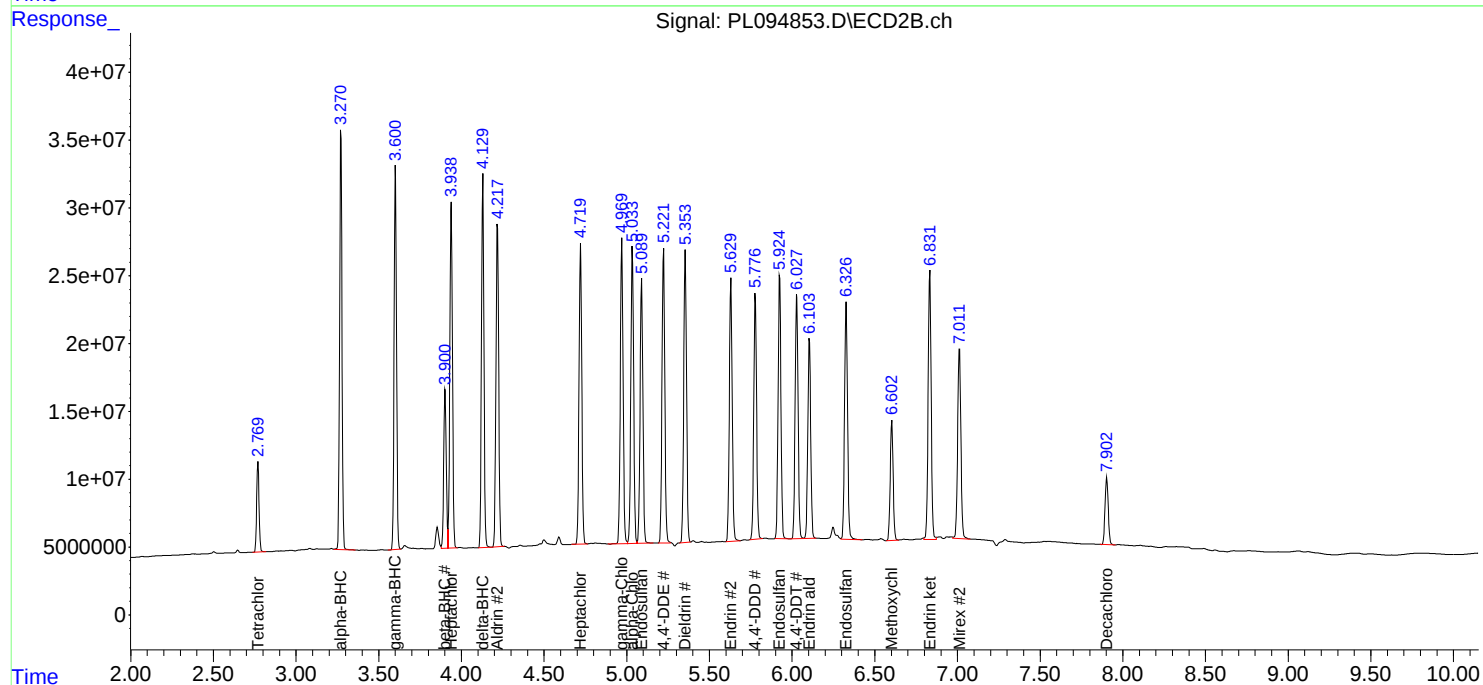
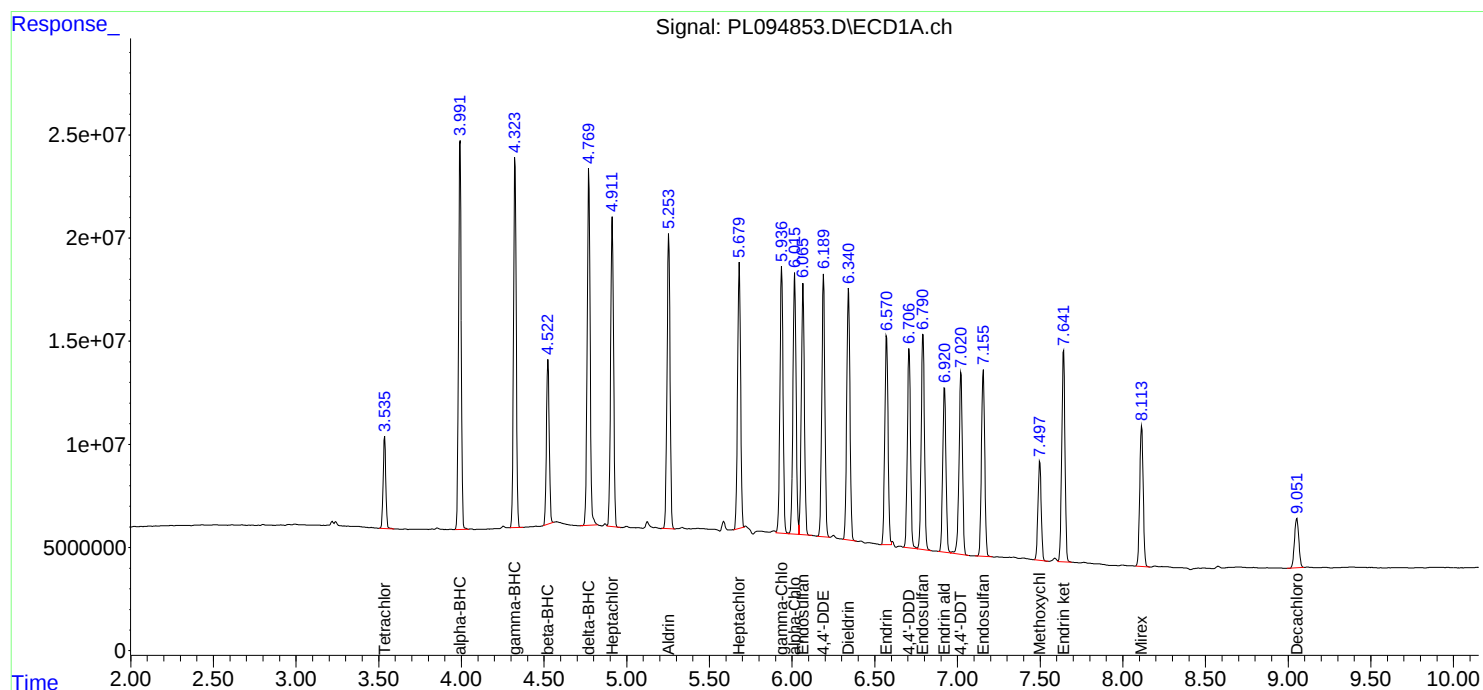
Instrument :
ECD_L
ClientSampleId :
PB167311BS

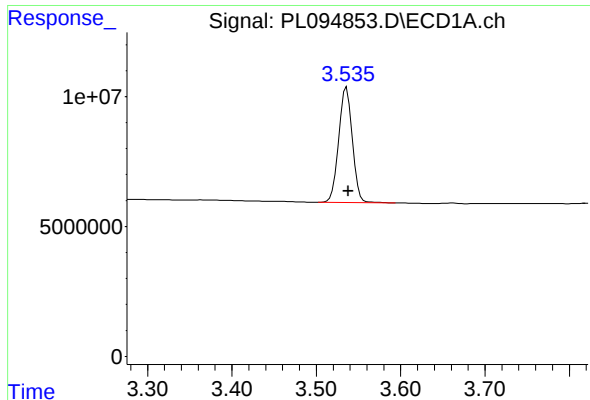
Manual Integrations
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Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 02:18:29 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





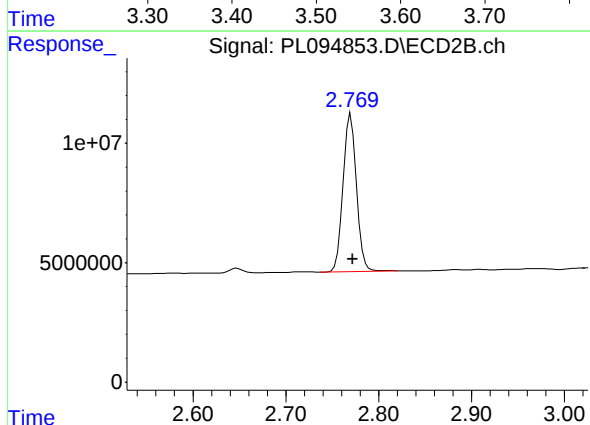
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 50003427
Conc: 17.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

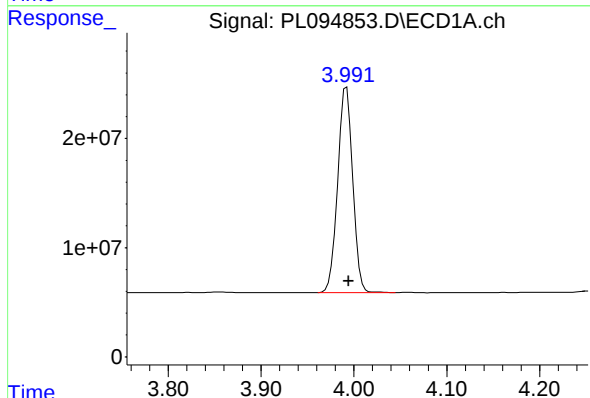
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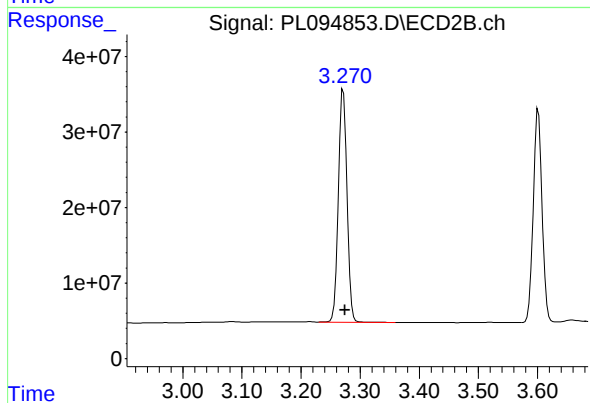
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 66184519
Conc: 18.54 ng/ml



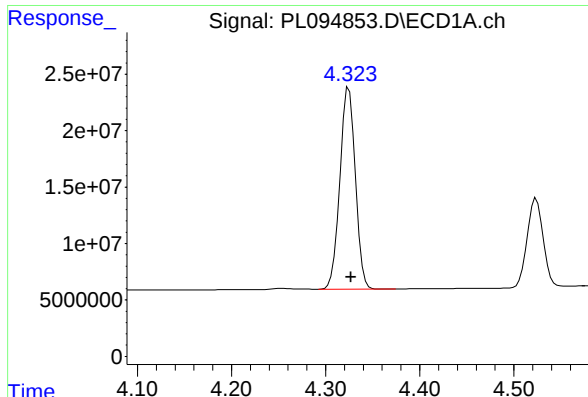
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 211978790
Conc: 51.05 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 313155414
Conc: 58.08 ng/ml



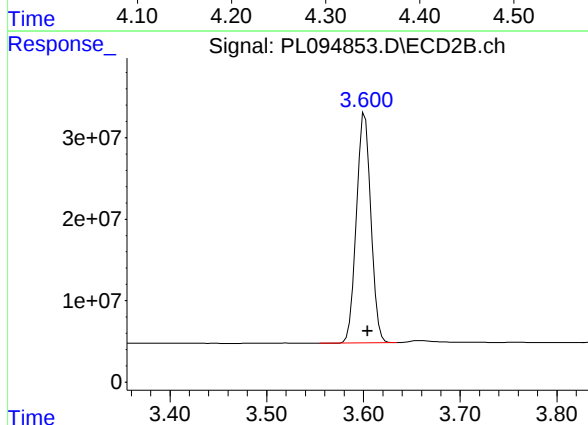
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 204221290
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

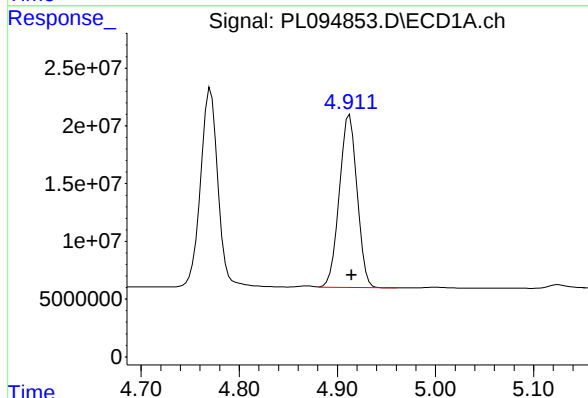
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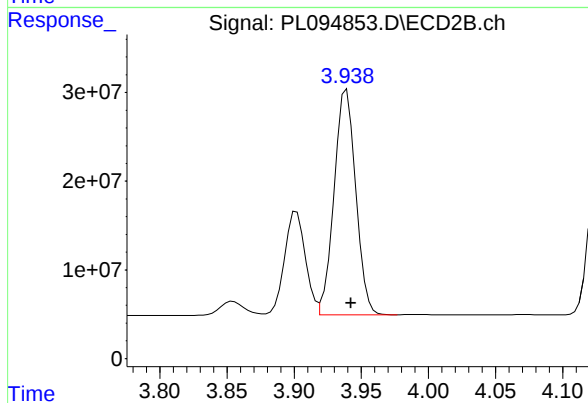
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 291352794
Conc: 56.69 ng/ml



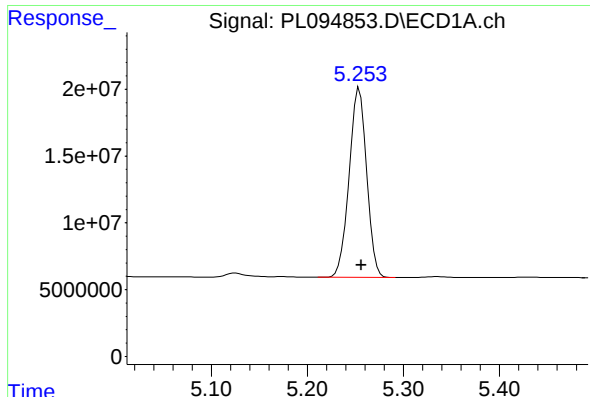
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 188076842
Conc: 48.45 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 285200995
Conc: 54.13 ng/ml



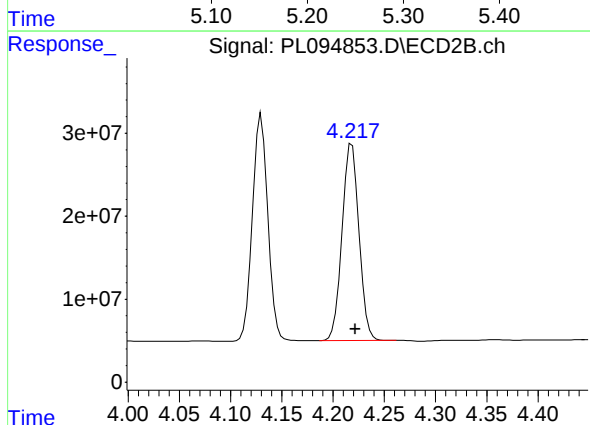
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 179225034
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

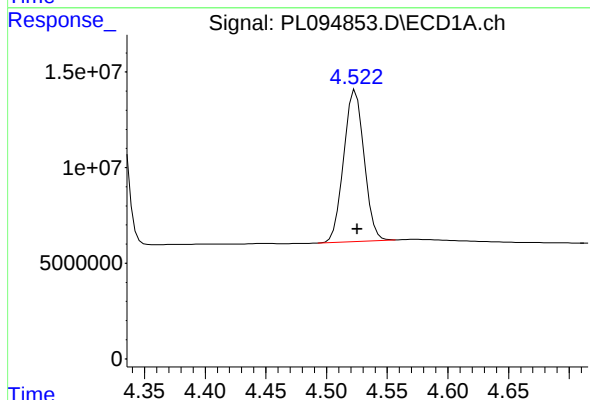
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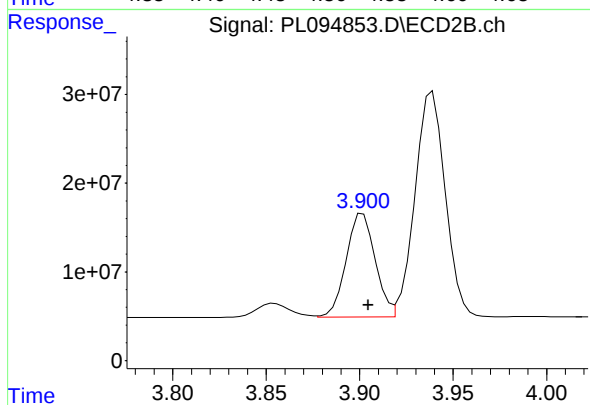
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 271421012
Conc: 55.66 ng/ml



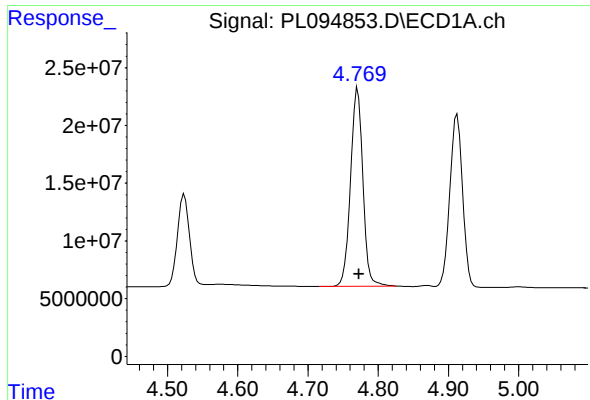
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 92639776
Conc: 50.21 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 126129499
Conc: 56.78 ng/ml



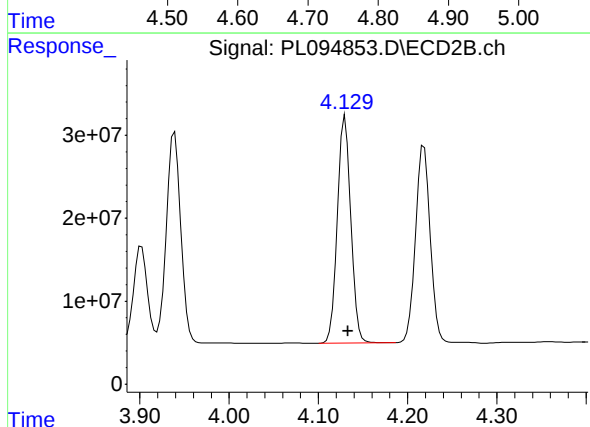
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 209533249
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

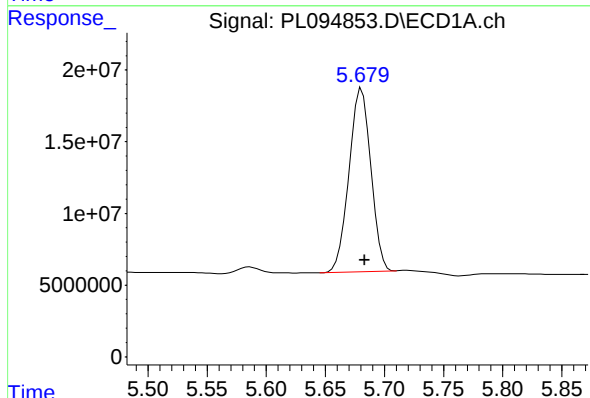
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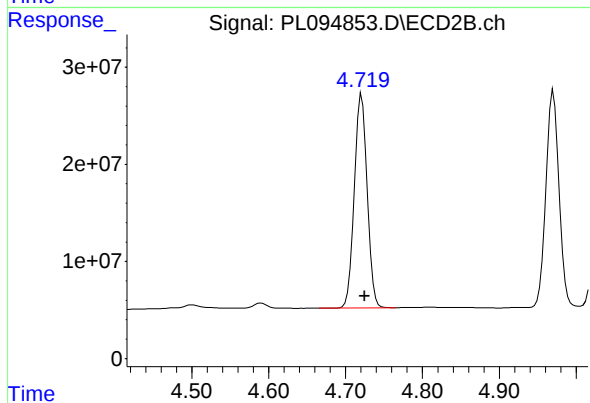
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 287301159
Conc: 57.44 ng/ml



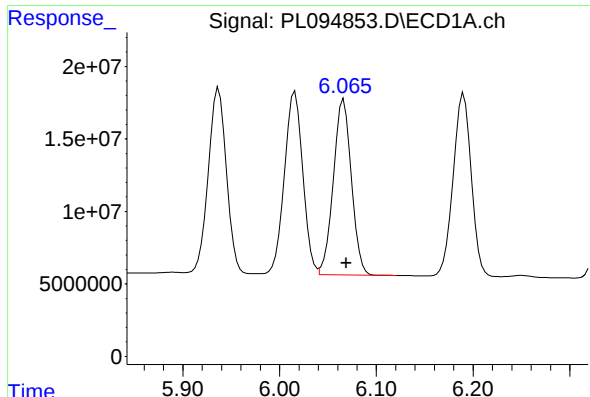
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 164275277
Conc: 49.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 256040458
Conc: 55.92 ng/ml



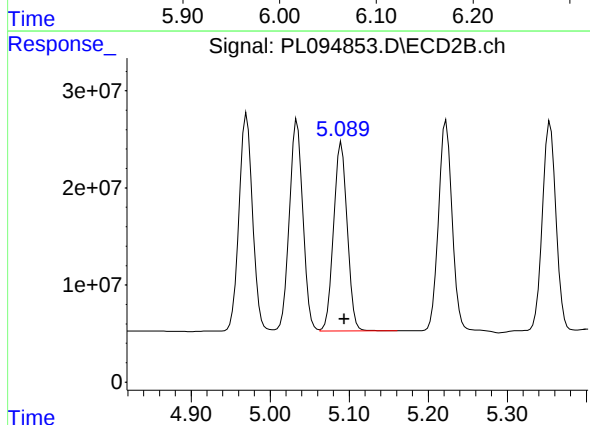
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 157366366
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

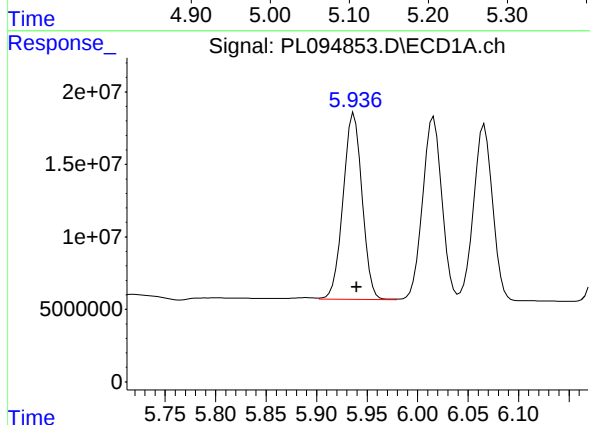
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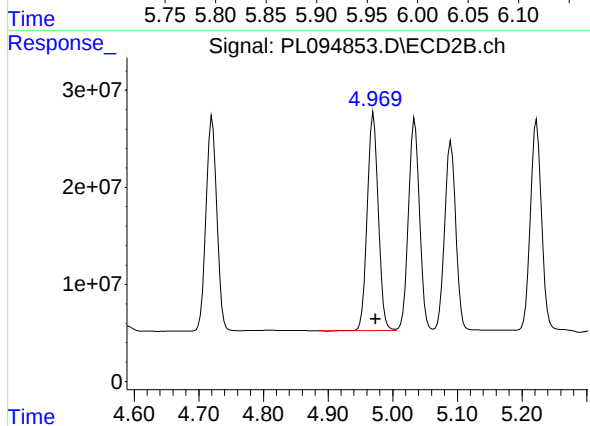
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 233480010
Conc: 53.20 ng/ml



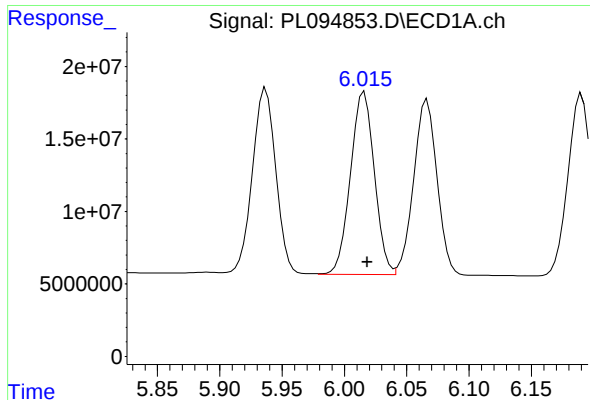
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 168329831
Conc: 49.96 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 265722054
Conc: 55.03 ng/ml



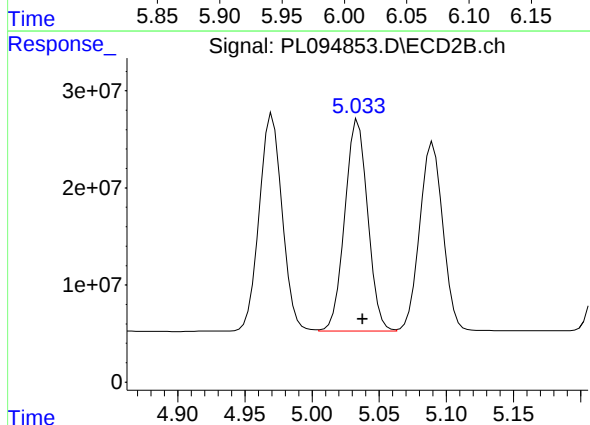
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 168008881
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

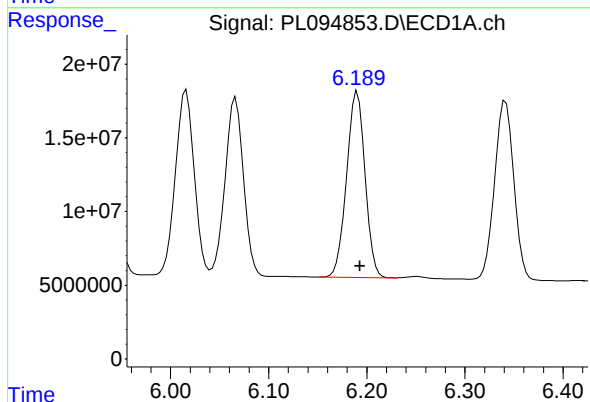
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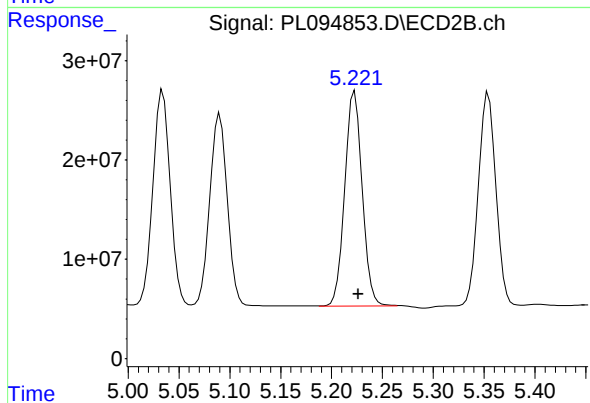
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 259172711
Conc: 54.30 ng/ml



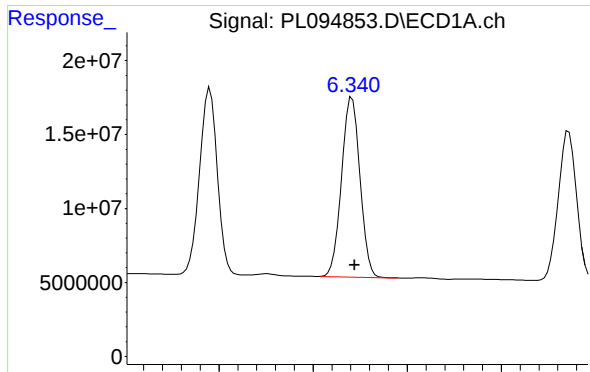
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 165044686
Conc: 56.10 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.005 min
Response: 257922370
Conc: 55.48 ng/ml m



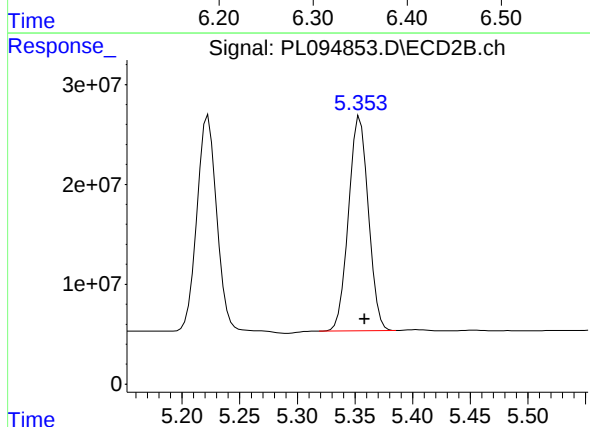
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 165559529
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

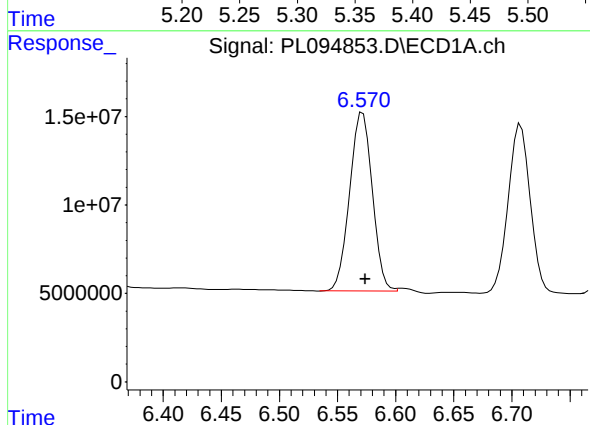
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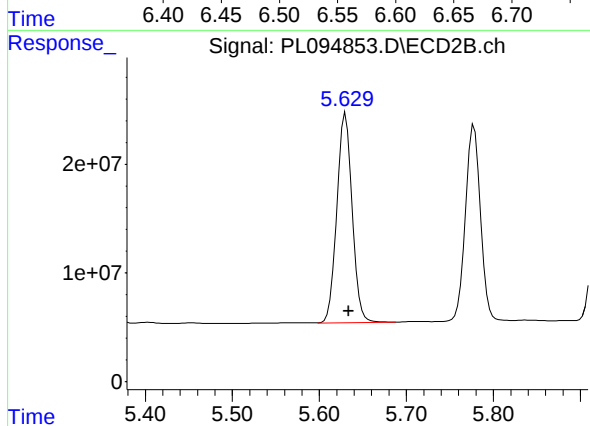
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 256490634
Conc: 52.86 ng/ml



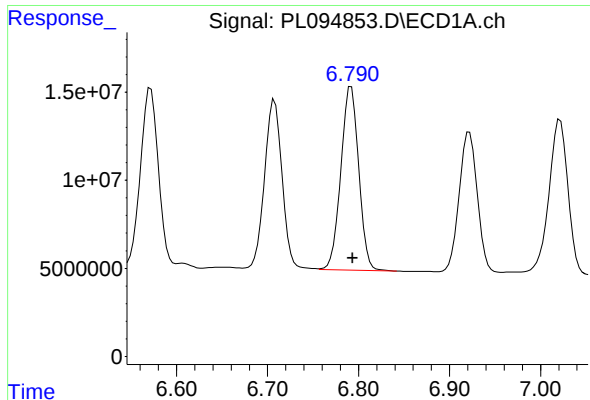
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 136751849
Conc: 49.33 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 235745790
Conc: 54.02 ng/ml



#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 142478216
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

Manual Integrations
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#15 Endosulfan II

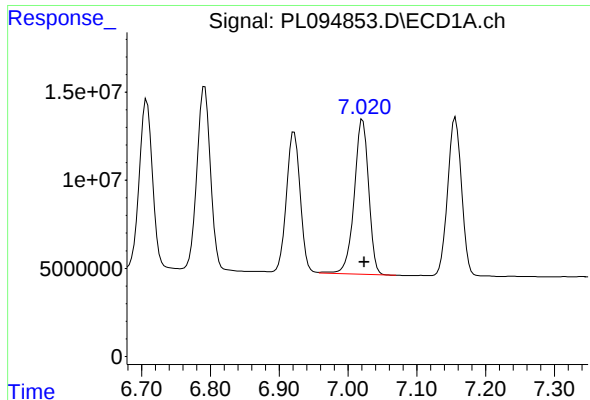
R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 233524630
Conc: 53.95 ng/ml

#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 128314566
Conc: 59.24 ng/ml

#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 213961753
Conc: 59.50 ng/ml



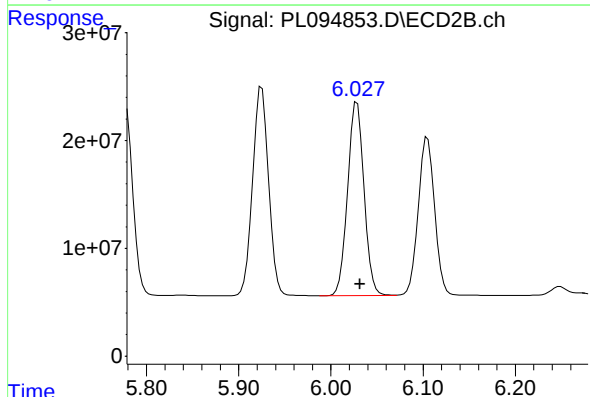
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 128070005
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

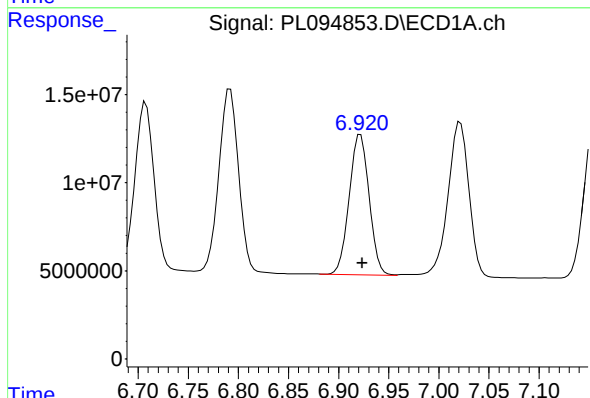
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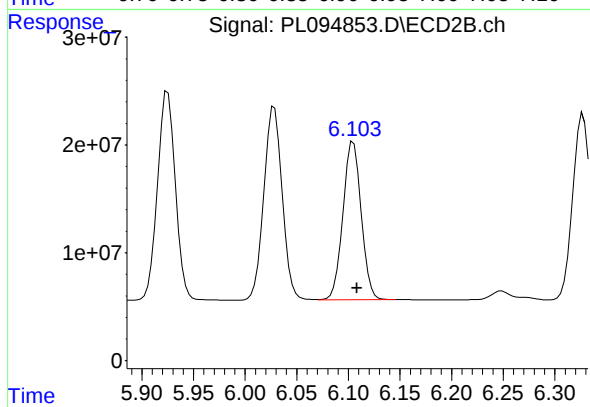
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 222038918
Conc: 55.07 ng/ml



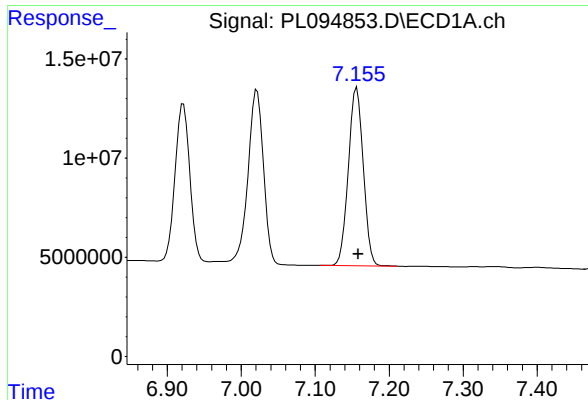
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 110422538
Conc: 52.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 180582262
Conc: 53.66 ng/ml



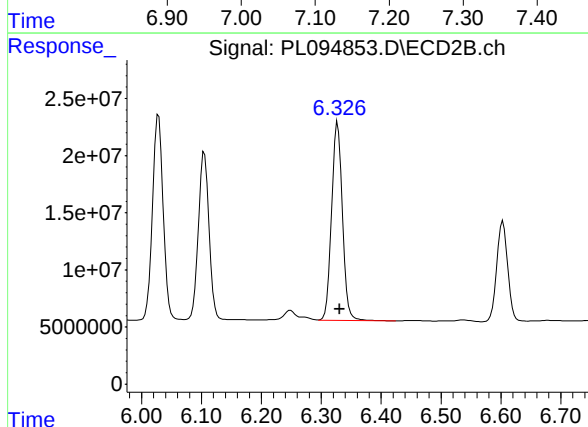
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 125695517
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

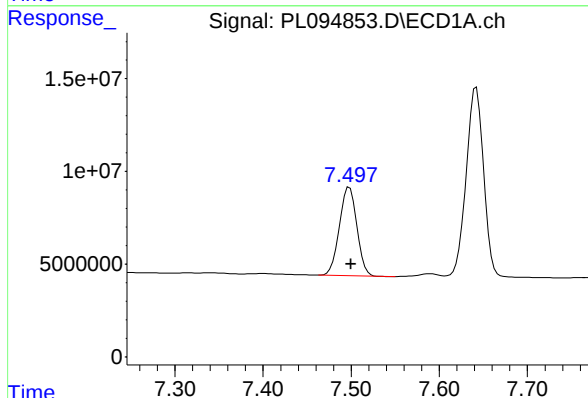
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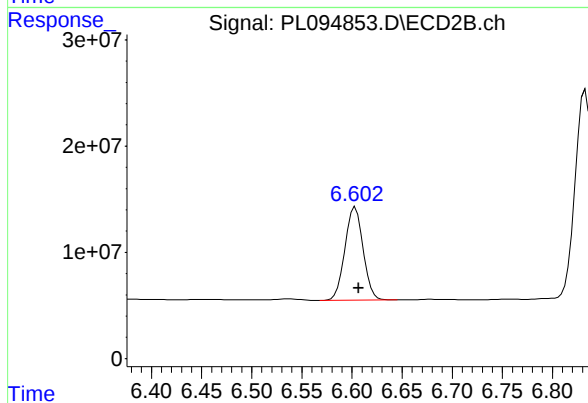
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 218192205
Conc: 53.56 ng/ml



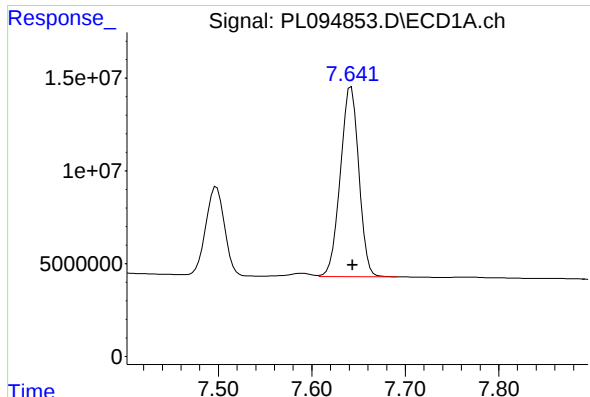
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 65810296
Conc: 54.98 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 111152766
Conc: 52.40 ng/ml



#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 140568073
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

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#21 Endrin ketone

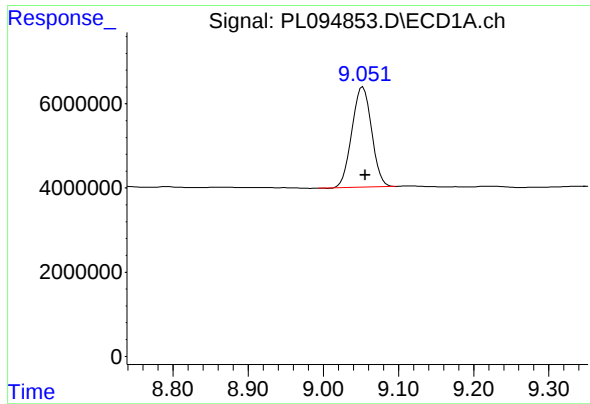
R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 252560889
Conc: 52.92 ng/ml m

#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 100209699
Conc: 48.50 ng/ml

#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 191436477
Conc: 50.44 ng/ml m



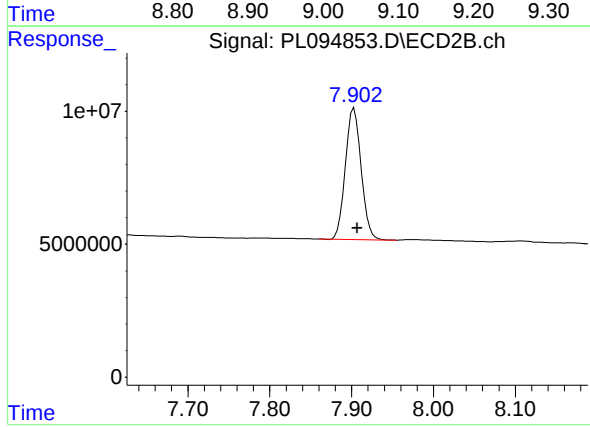
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 43302592
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 66384107
Conc: 16.43 ng/ml