

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 20:53
 Operator : AR\AJ
 Sample : Q1609-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SCRN-01-CMSD

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 02:19:35 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	53782803	71214985	19.000	19.952
28) SA Decachlor...	9.051	7.902	45636253	73840938	21.655	18.280
Target Compounds						
2) A alpha-BHC	3.992	3.272	182.8E6	261.1E6	44.015	48.438
3) MA gamma-BHC...	4.325	3.601	179.4E6	249.9E6	44.963	48.614
4) MA Heptachlor	4.913	3.939	172.1E6	249.1E6	44.346	47.270
5) MB Aldrin	5.254	4.218	163.6E6	237.2E6	44.299	48.639
6) B beta-BHC	4.524	3.902	81266256	114.3E6	44.042	51.461
7) B delta-BHC	4.770	4.130	157.4E6	189.7E6	40.416	37.929
8) B Heptachlo...	5.681	4.721	148.0E6	224.8E6	44.229	49.108
9) A Endosulfan I	6.066	5.090	135.1E6	210.1E6	44.007	47.875
10) B gamma-Chl...	5.937	4.970	157.1E6	236.9E6	46.641	49.071
11) B alpha-Chl...	6.016	5.034	146.1E6	232.0E6	44.308	48.600
12) B 4,4'-DDE	6.189	5.222	141.8E6	234.3E6	48.206	50.409
13) MA Dieldrin	6.341	5.354	146.6E6	256.0E6	45.833	52.770
14) MA Endrin	6.571	5.630	124.6E6	214.9E6	44.937	49.248
15) B Endosulfa...	6.792	5.925	125.1E6	212.5E6	46.082	49.102
16) A 4,4'-DDD	6.707	5.777	112.8E6	188.8E6	52.090	52.509
17) MA 4,4'-DDT	7.021	6.027	118.0E6	198.8E6	49.619	49.296
18) B Endrin al...	6.922	6.104	97207203	156.5E6	46.048	46.493
19) B Endosulfa...	7.156	6.326	108.2E6	192.2E6	44.501	47.177
20) A Methoxychlor	7.498	6.602	61388100	108.4E6	51.282	51.090
21) B Endrin ke...	7.641	6.831	126.9E6	228.5E6	47.997	47.880m
22) Mirex	8.114	7.011	91755740	165.1E6	44.406	43.504

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 20:53
Operator : AR\AJ
Sample : Q1609-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

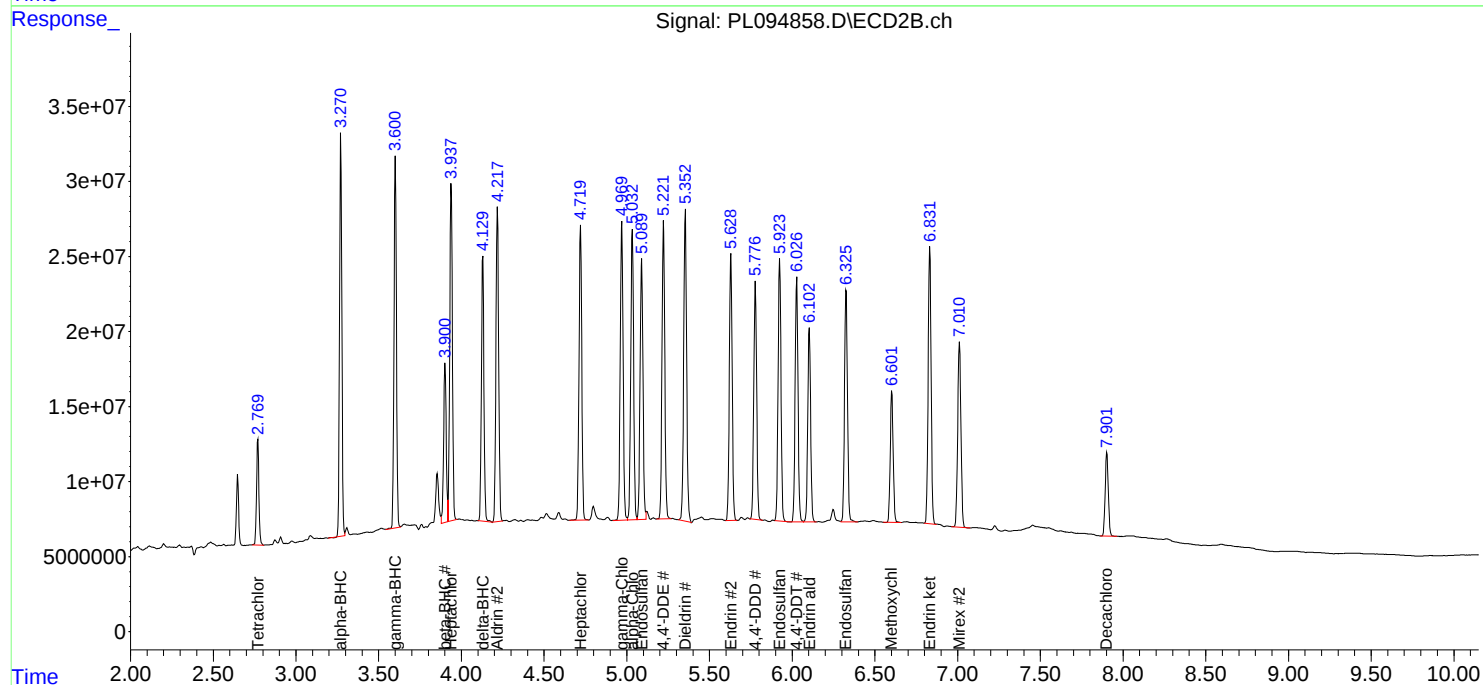
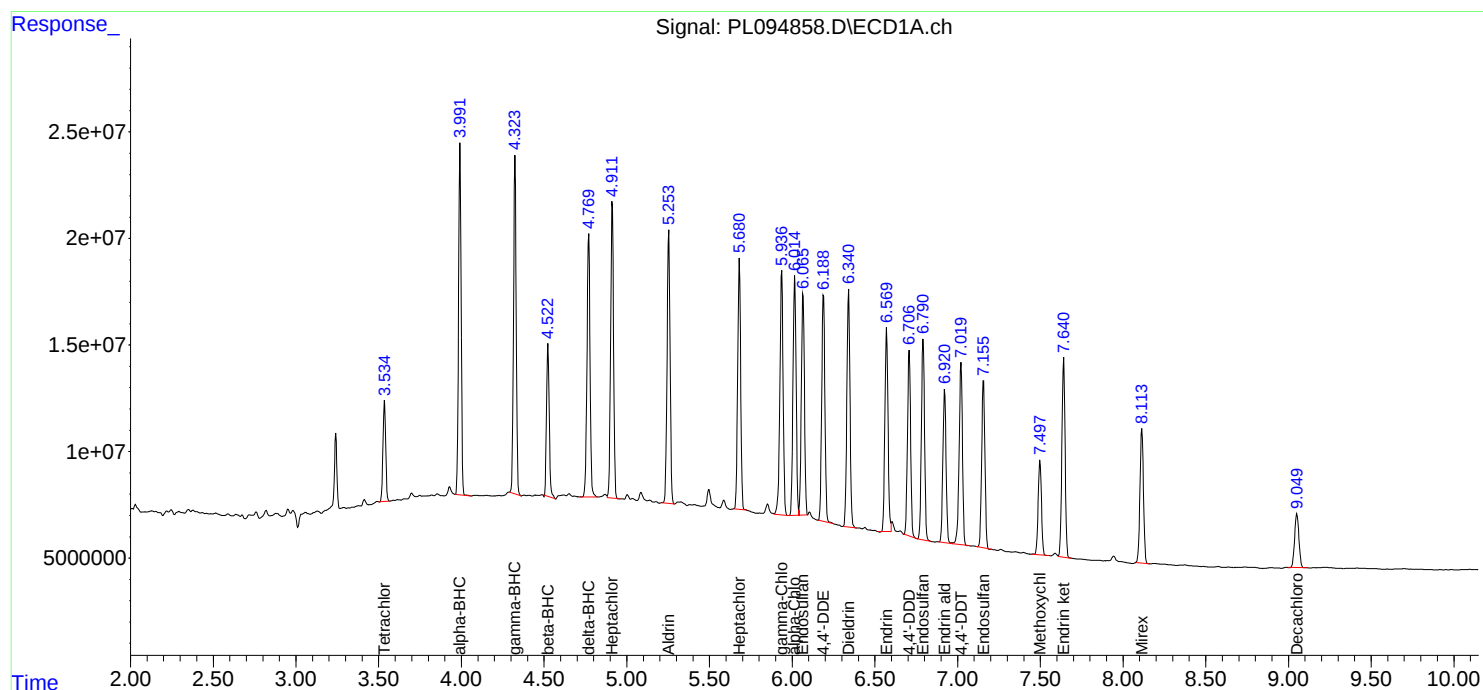
Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

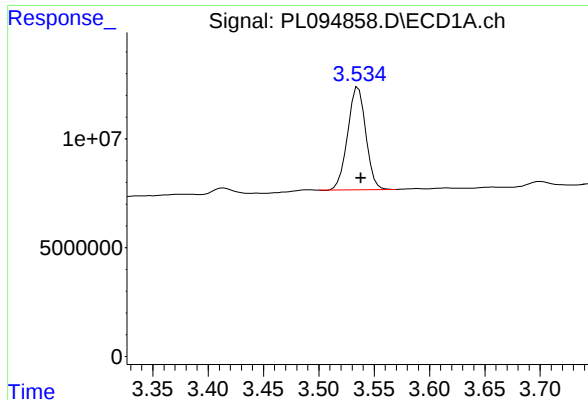
Manual Integrations
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Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 02:19:35 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





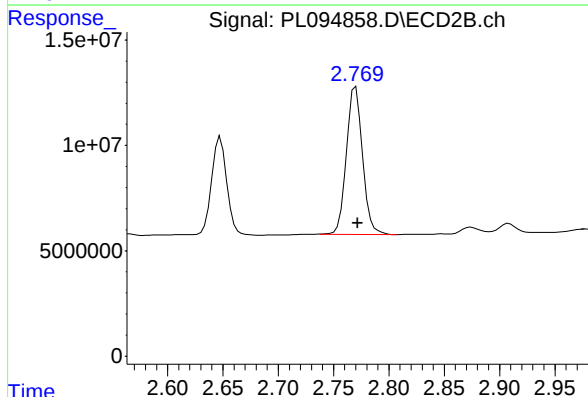
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 53782803
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

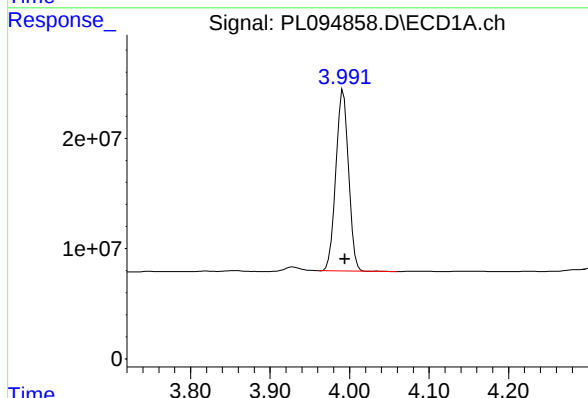
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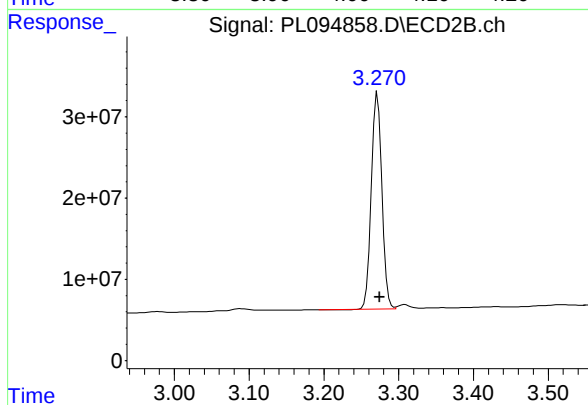
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 71214985
Conc: 19.95 ng/ml



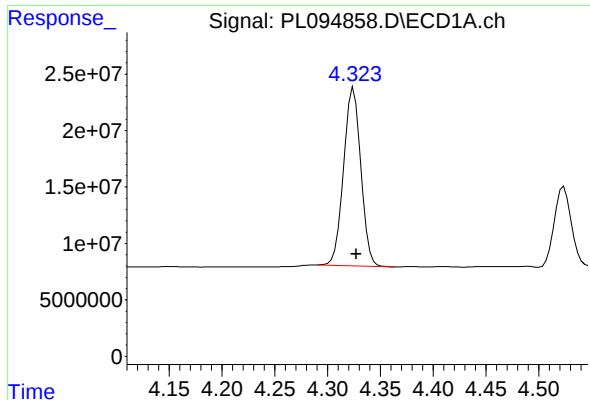
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 182765230
Conc: 44.01 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 261148684
Conc: 48.44 ng/ml



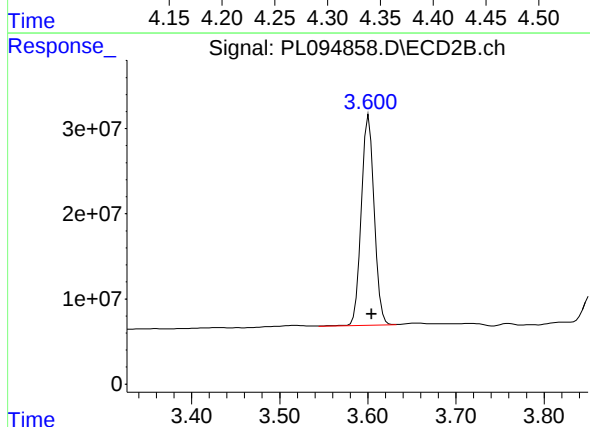
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 179414184
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

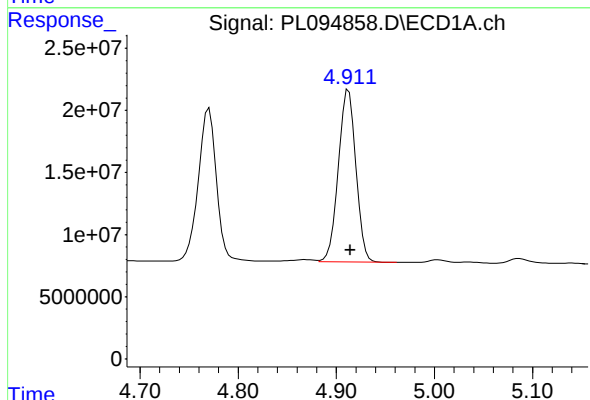
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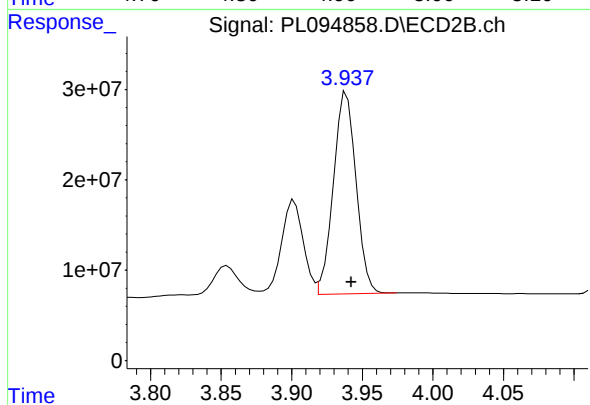
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 249850154
Conc: 48.61 ng/ml



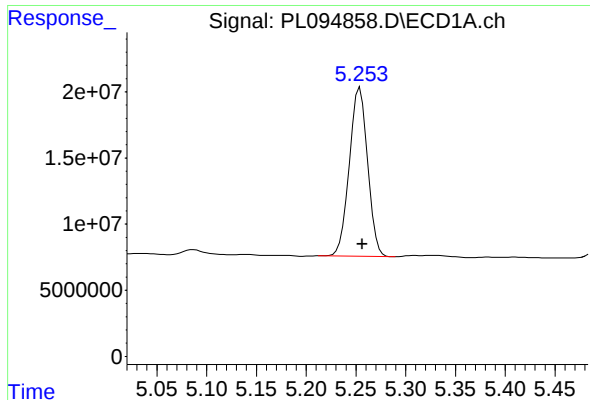
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 172136187
Conc: 44.35 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 249051289
Conc: 47.27 ng/ml



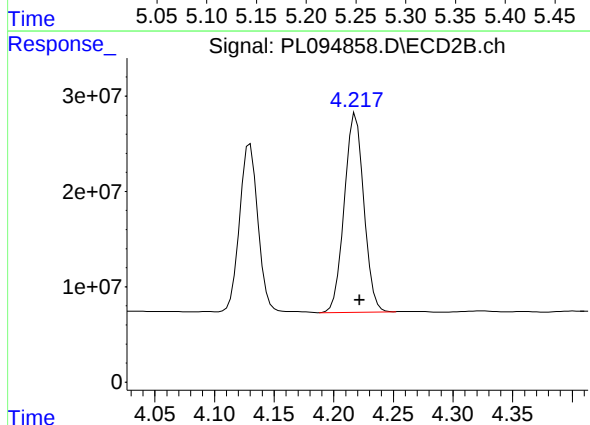
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 163562415
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

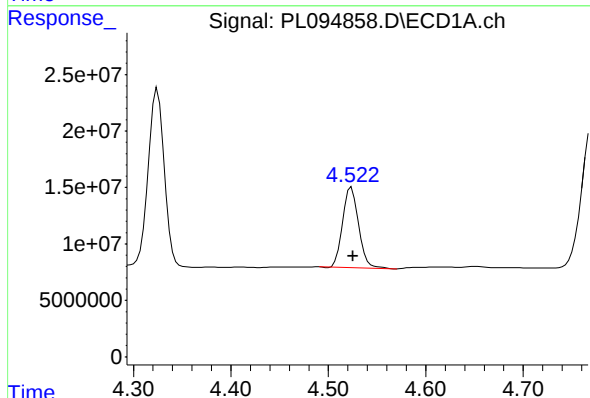
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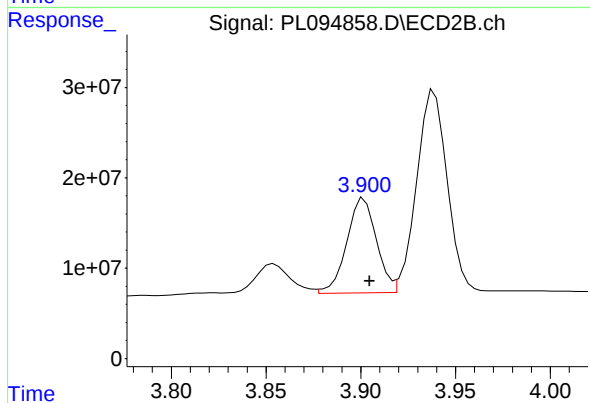
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 237181187
Conc: 48.64 ng/ml



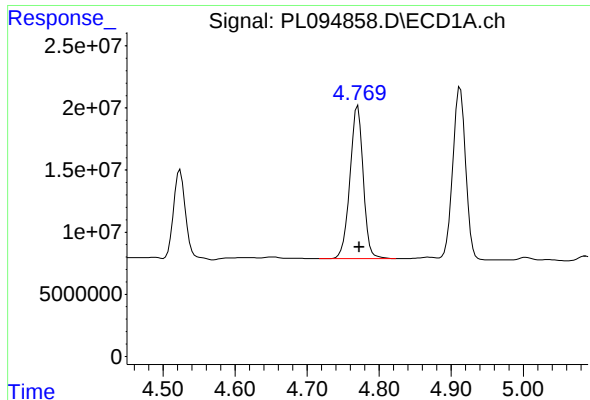
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 81266256
Conc: 44.04 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 114310429
Conc: 51.46 ng/ml



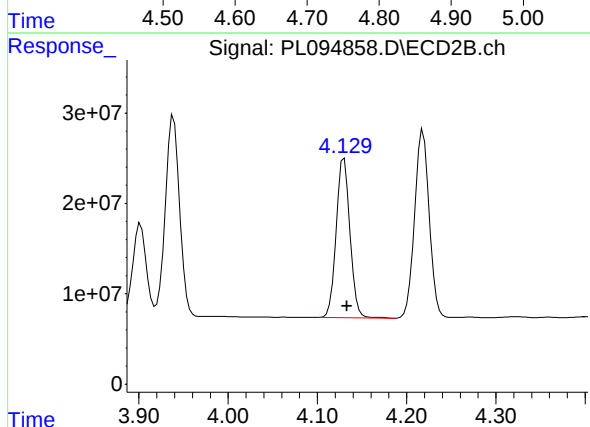
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 157394021
Conc: 40.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

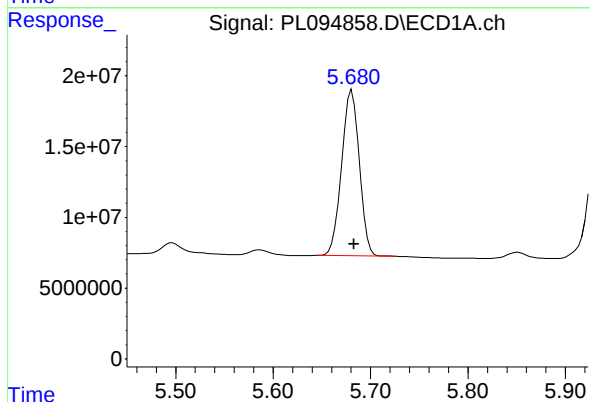
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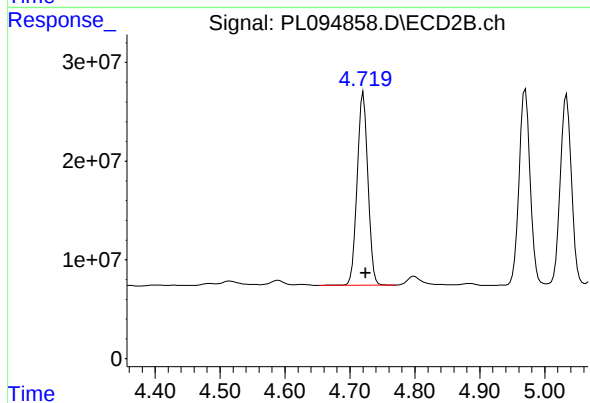
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 189717667
Conc: 37.93 ng/ml



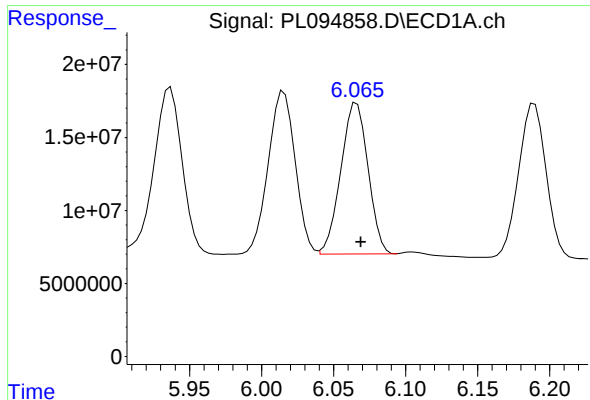
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 147953177
Conc: 44.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 224846508
Conc: 49.11 ng/ml



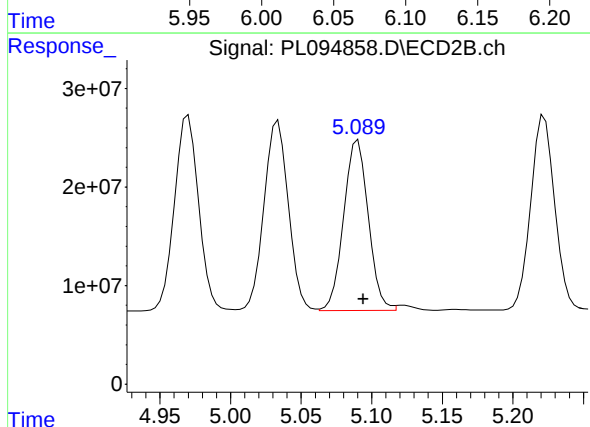
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 135109122
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

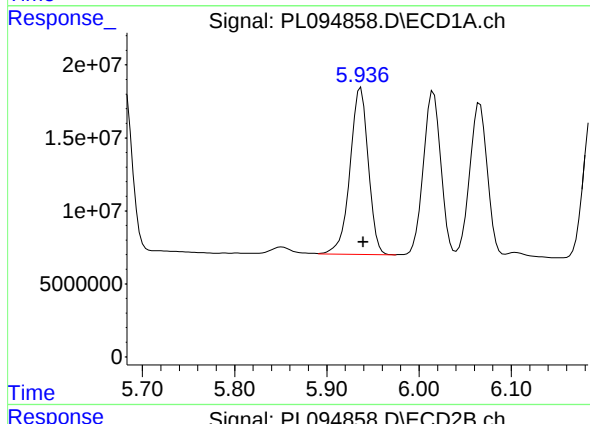
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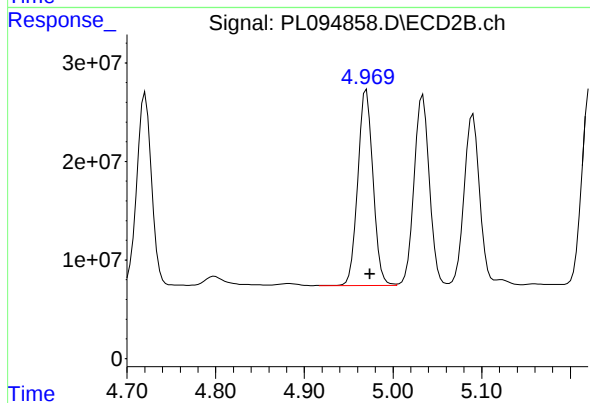
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 210110658
Conc: 47.88 ng/ml



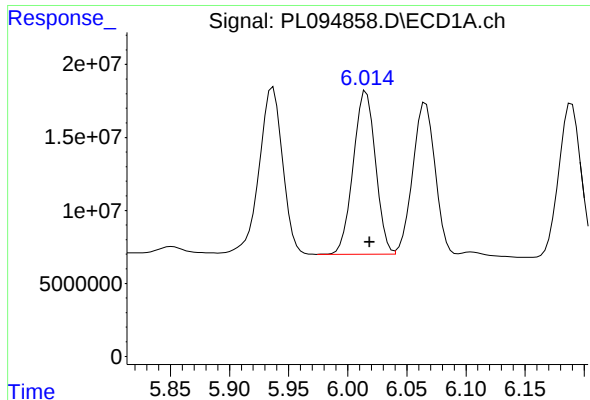
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 157149672
Conc: 46.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 236933631
Conc: 49.07 ng/ml



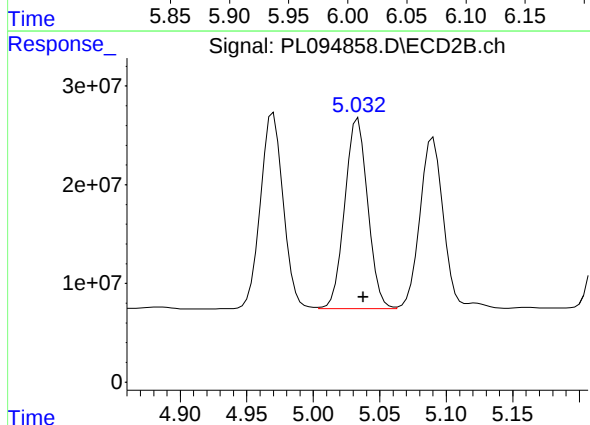
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 146077231
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

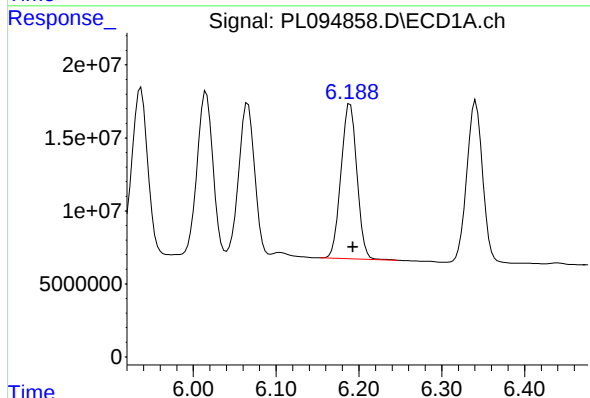
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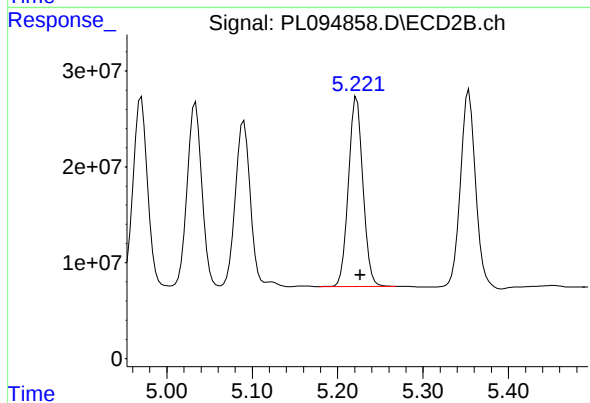
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 231958000
Conc: 48.60 ng/ml



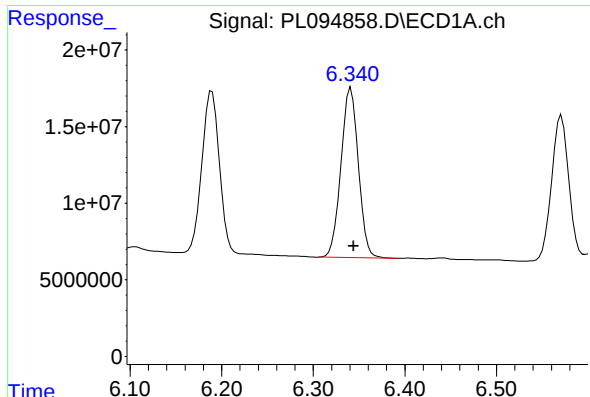
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 141823862
Conc: 48.21 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 234325819
Conc: 50.41 ng/ml



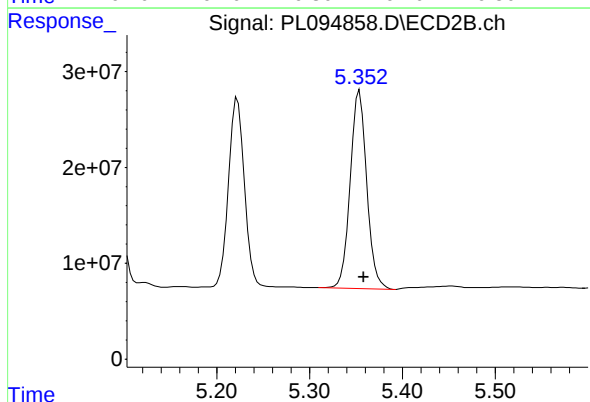
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 146578954
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

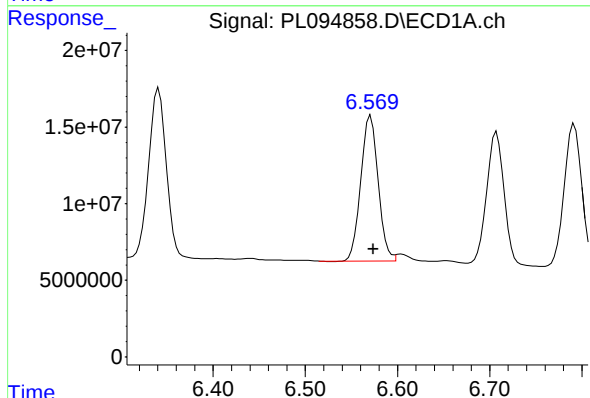
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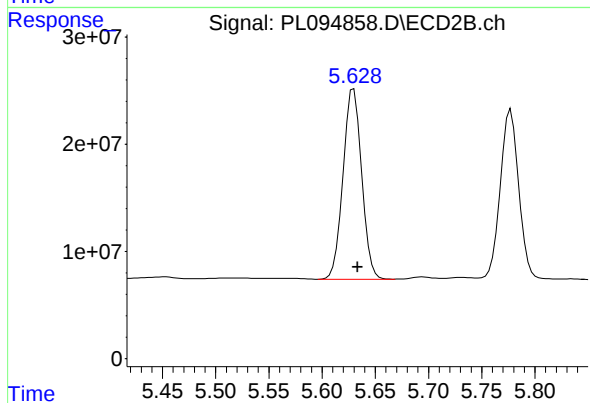
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 256028542
Conc: 52.77 ng/ml



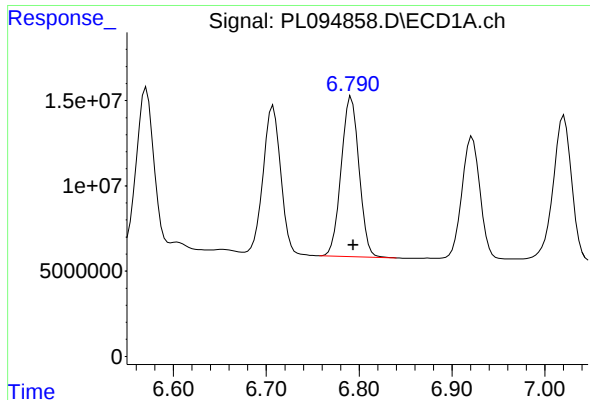
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 124567360
Conc: 44.94 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 214902678
Conc: 49.25 ng/ml



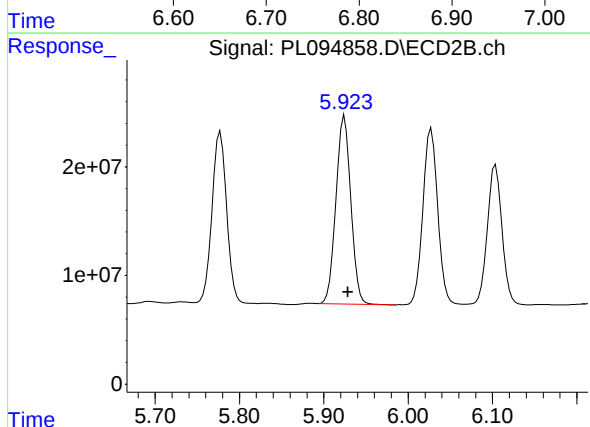
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 125099993
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

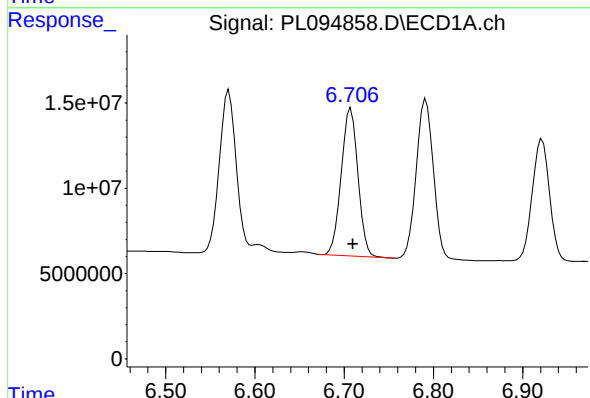
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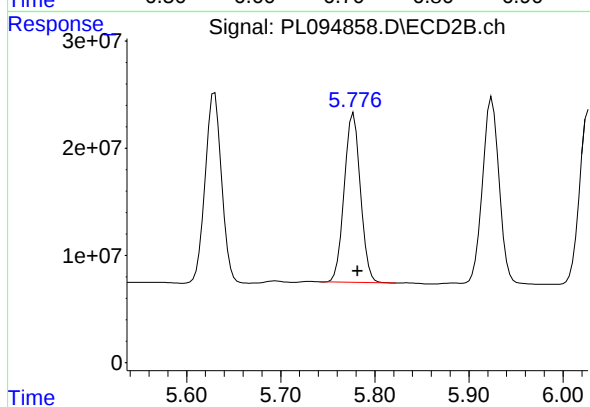
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 212524466
Conc: 49.10 ng/ml



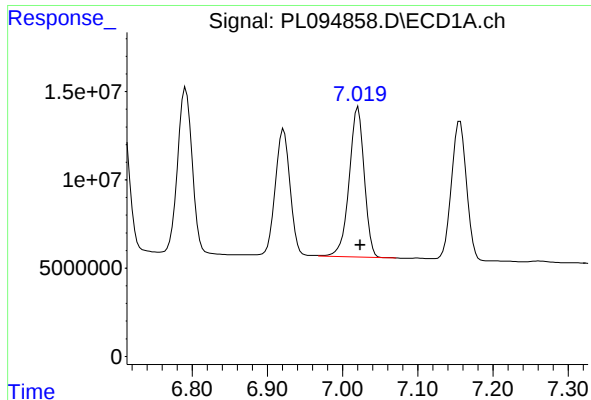
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 112829555
Conc: 52.09 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 188815462
Conc: 52.51 ng/ml



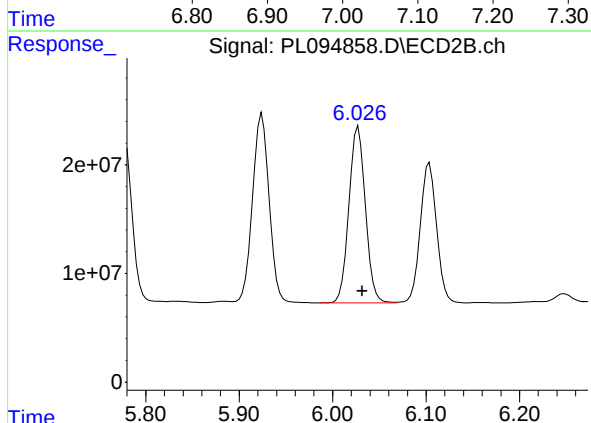
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 118020278
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

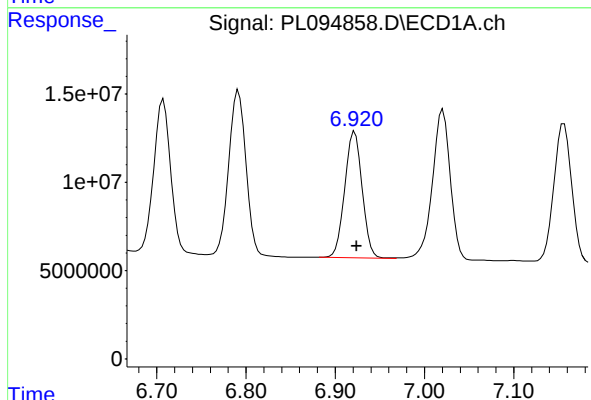
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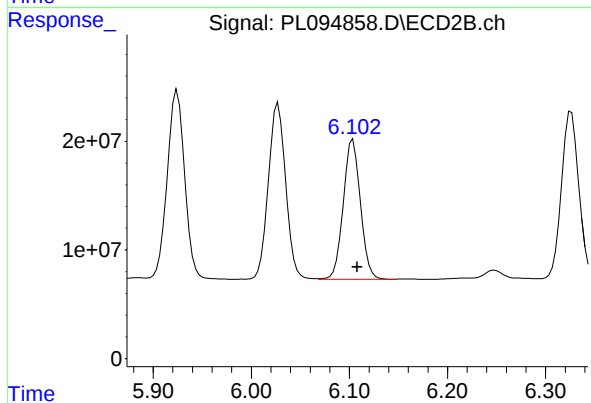
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 198767068
Conc: 49.30 ng/ml



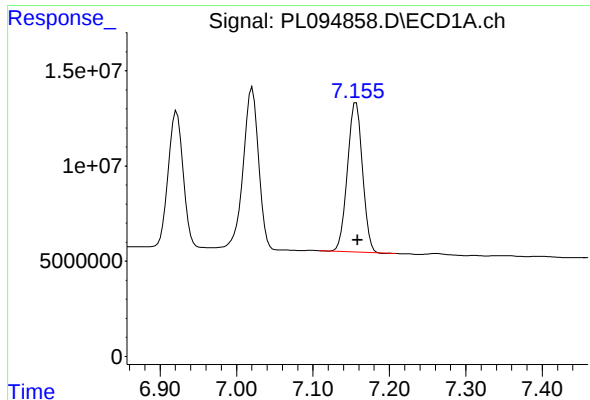
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 97207203
Conc: 46.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 156465773
Conc: 46.49 ng/ml



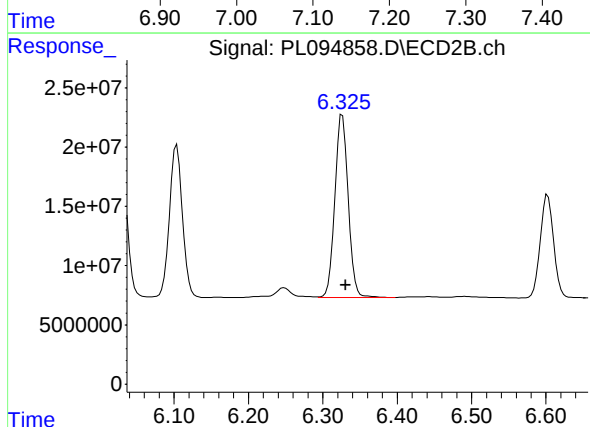
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 108227488
Conc: 44.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

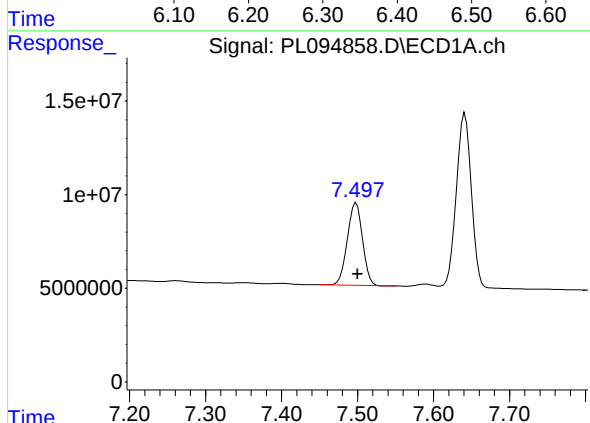
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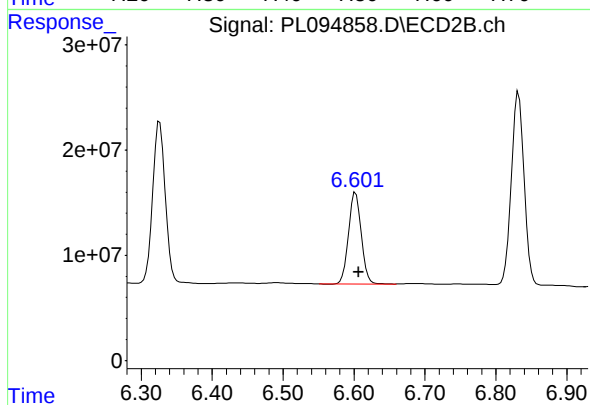
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 192173839
Conc: 47.18 ng/ml



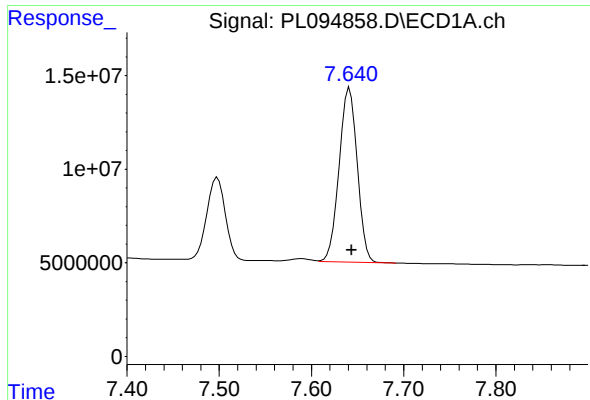
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 61388100
Conc: 51.28 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 108366351
Conc: 51.09 ng/ml



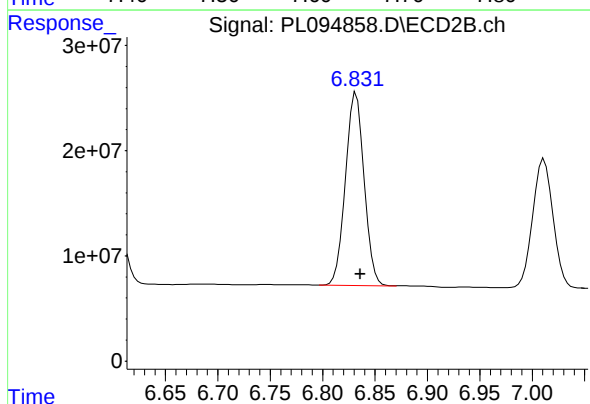
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 126869370
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

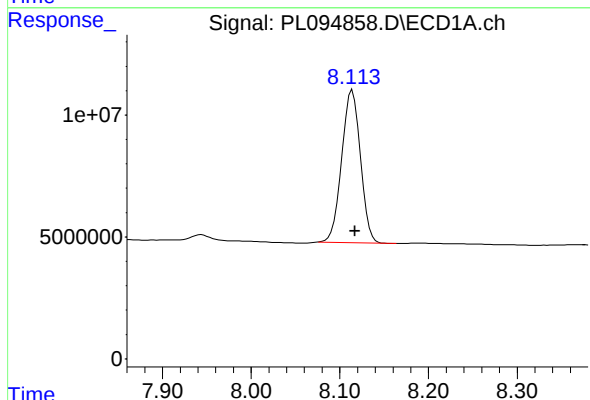
Manual Integrations
APPROVED

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



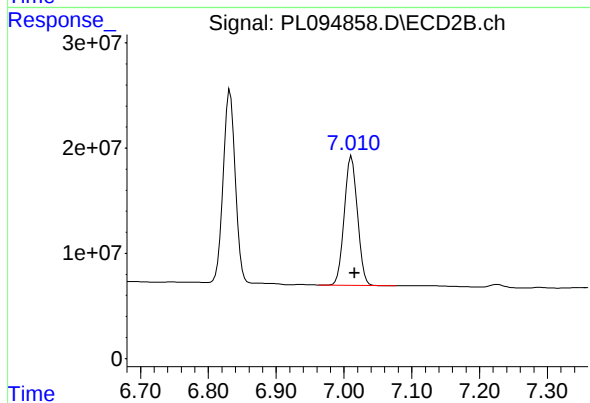
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 228511548
Conc: 47.88 ng/ml m



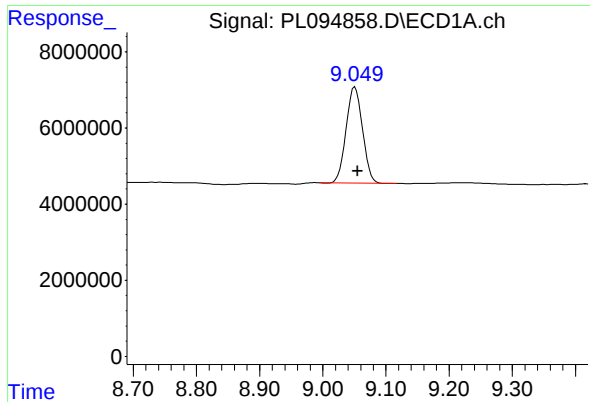
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 91755740
Conc: 44.41 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 165109763
Conc: 43.50 ng/ml



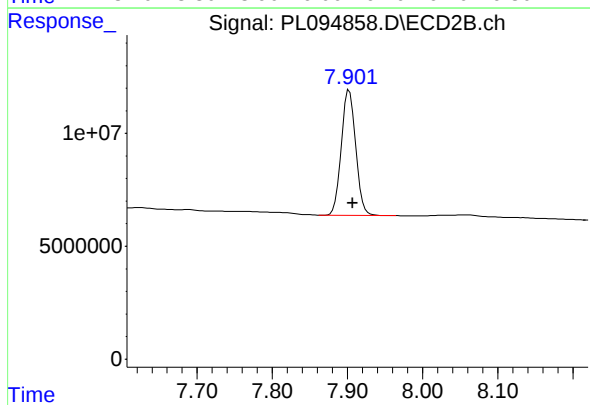
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 45636253
Conc: 21.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCRN-01-CMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 73840938
Conc: 18.28 ng/ml