

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081673.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 13:17
 Operator : AR\AJ
 Sample : 02023-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-13-TEST-PIT-ON-GRAVELLYMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2023
 Supervised By :Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 03:03:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.329	2.659	43957656	37093410	18.899	18.582
28) SA Decachlor...	8.750	7.776	33582732	35971480	18.765	18.138
Target Compounds						
2) A alpha-BHC	3.778	3.158	183.4E6	146.9E6	53.498	50.389
3) MA gamma-BHC...	4.105	3.485	173.6E6	145.2E6	54.642m	52.159
4) MA Heptachlor	4.684	3.819	158.5E6	140.0E6	50.284m	48.836
5) MB Aldrin	5.023	4.096	155.6E6	136.6E6	54.413	51.257
6) B beta-BHC	4.309	3.784	75040009	59557875	49.858	50.007
7) B delta-BHC	4.551	4.012	164.2E6	134.7E6	54.021	52.074
8) B Heptachlo...	5.449	4.598	141.3E6	123.5E6	51.965	50.860
9) A Endosulfan I	5.830	4.966	123.5E6	113.5E6	50.001	51.421
10) B gamma-Chl...	5.703	4.847	151.1E6	137.8E6	57.551	56.710
11) B alpha-Chl...	5.782	4.910	148.4E6	133.5E6	57.321	54.956
12) B 4,4'-DDE	5.959	5.101	119.5E6	106.6E6	53.004	54.122
13) MA Dieldrin	6.104	5.230	130.0E6	124.2E6	53.680	55.224
14) MA Endrin	6.331	5.505	110.4E6	111.4E6	52.199	55.056
15) B Endosulfa...	6.553	5.801	105.8E6	104.7E6	49.860	57.727
16) A 4,4'-DDD	6.475	5.655	97286528	84526485	53.944	55.700
17) MA 4,4'-DDT	6.786	5.904	100.7E6	92600165	49.632	53.735
18) B Endrin al...	6.683	5.981	85830875	80480232	52.460	51.823
19) B Endosulfa...	6.917	6.204	106.6E6	100.7E6	51.171	51.755
20) A Methoxychlor	7.266	6.483	53267785	49990621	49.464	50.189
21) B Endrin ke...	7.397	6.709	113.3E6	113.2E6	54.068	52.984
22) Mirex	7.861	6.881	84145813	92827783	49.114	48.354

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032232\
Data File : PL081673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2023 13:17
Operator : AR\AJ
Sample : 02023-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

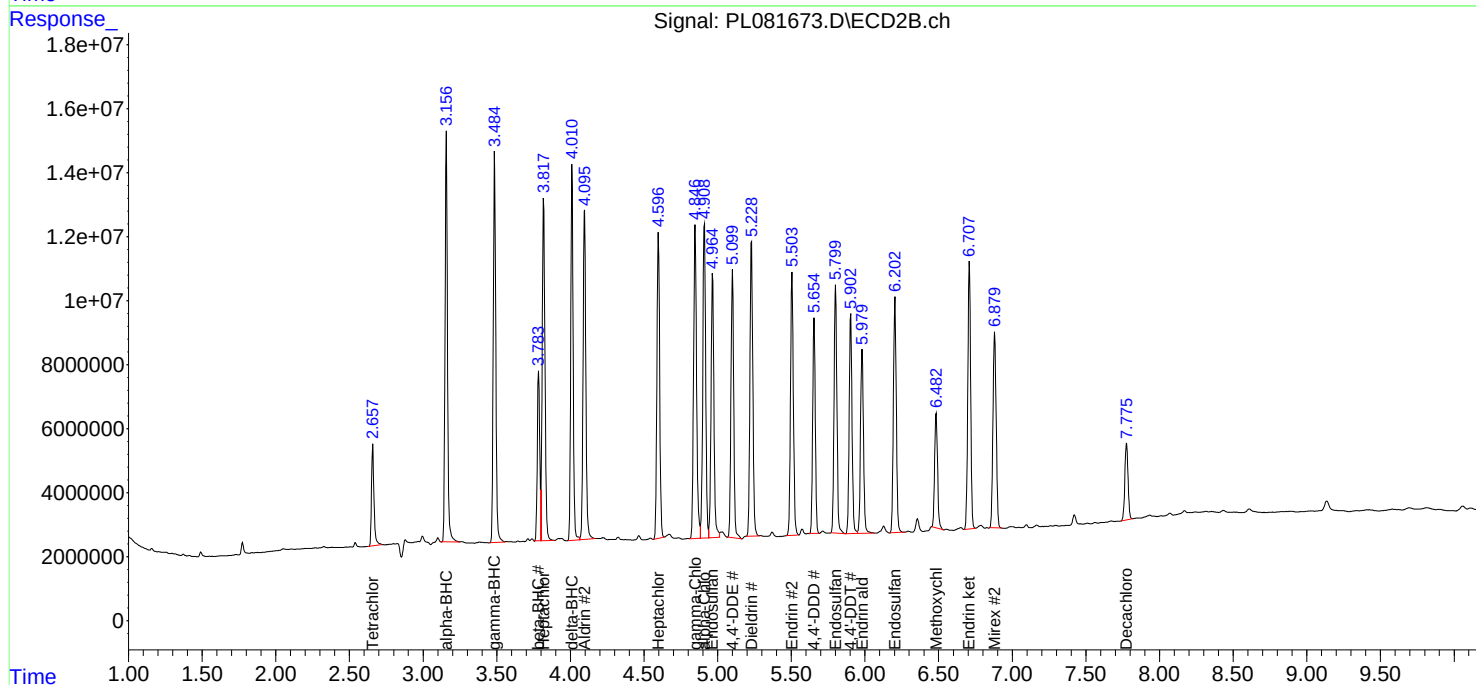
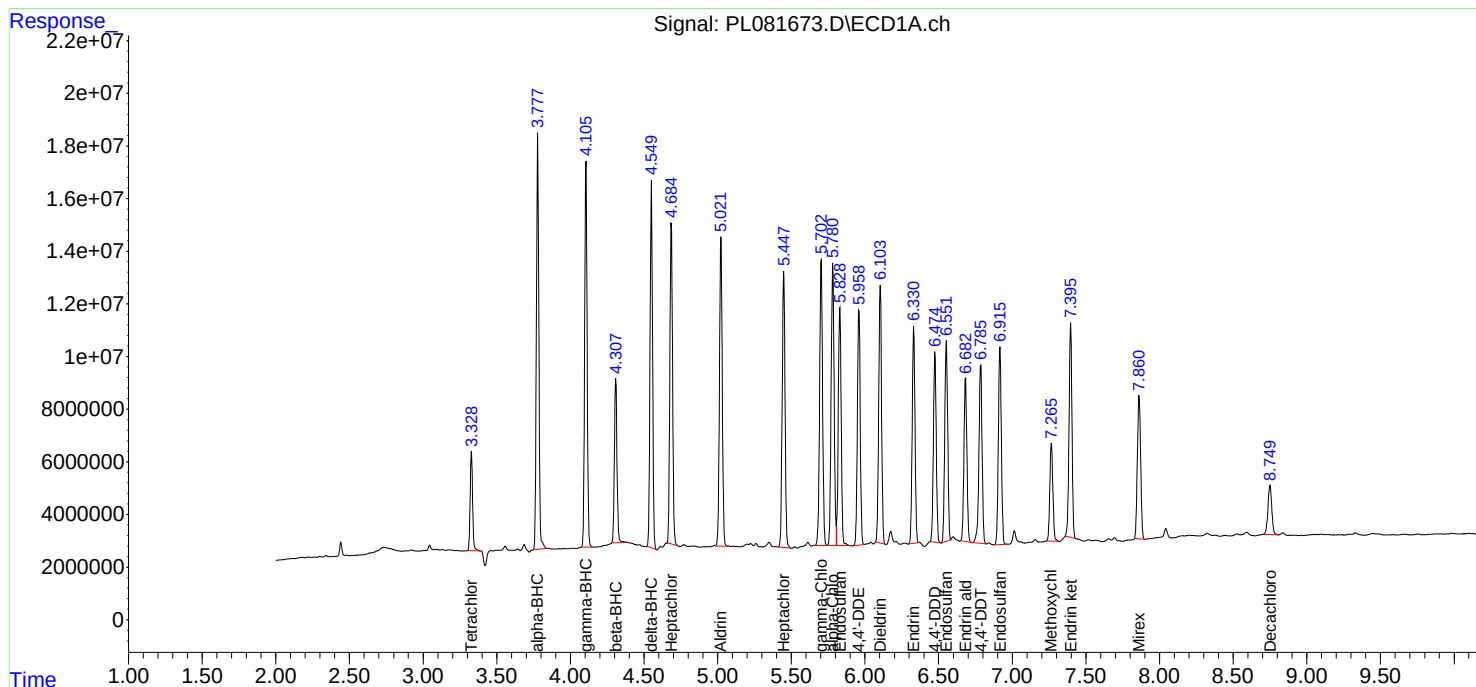
Instrument :
ECD_L
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLYMSD

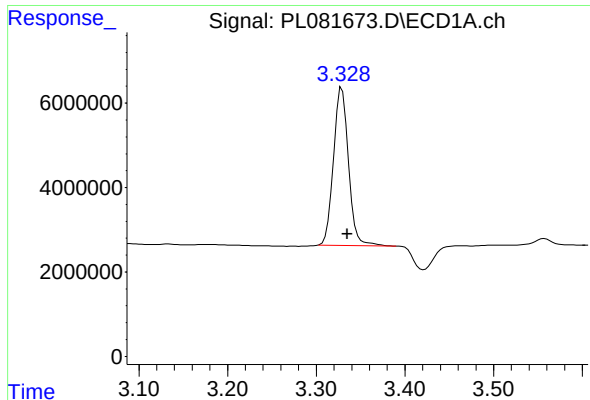
Manual Integrations
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Supervised By :Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 03:03:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





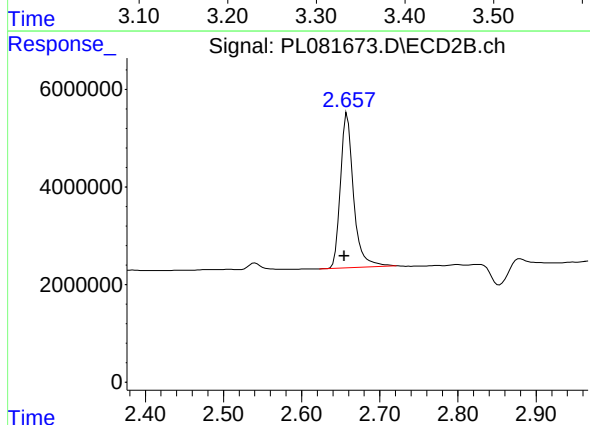
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 43957656
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLYMSD

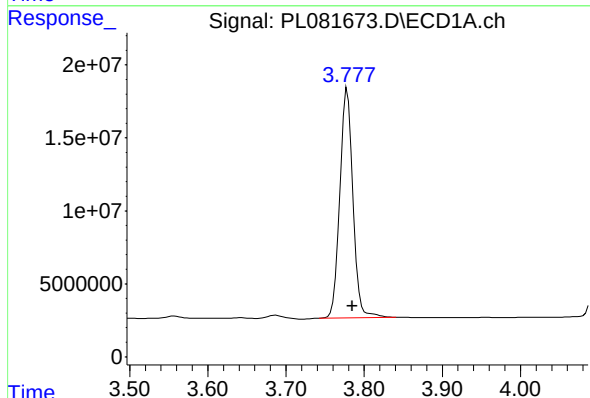
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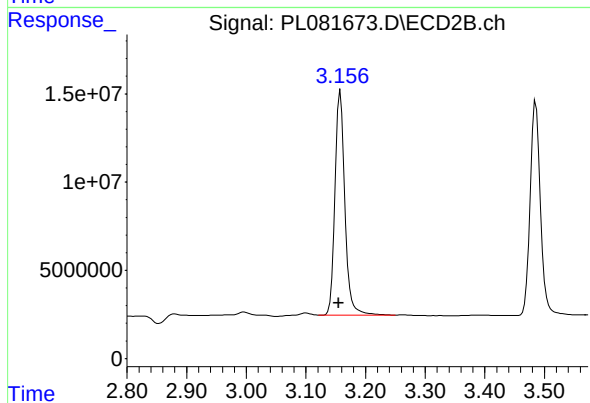
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.004 min
Response: 37093410
Conc: 18.58 ng/ml



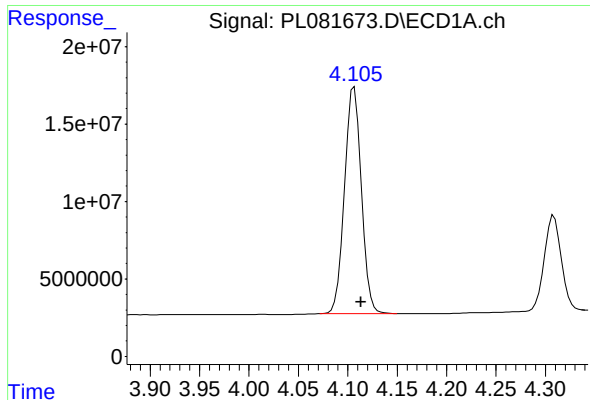
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 183411394
Conc: 53.50 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.003 min
Response: 146883566
Conc: 50.39 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: -0.008 min
Response: 173588045
Conc: 54.64 ng/ml

Instrument :

ECD_L

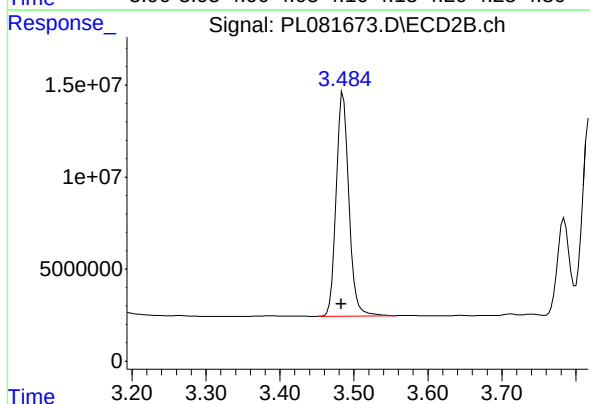
ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

Manual Integrations

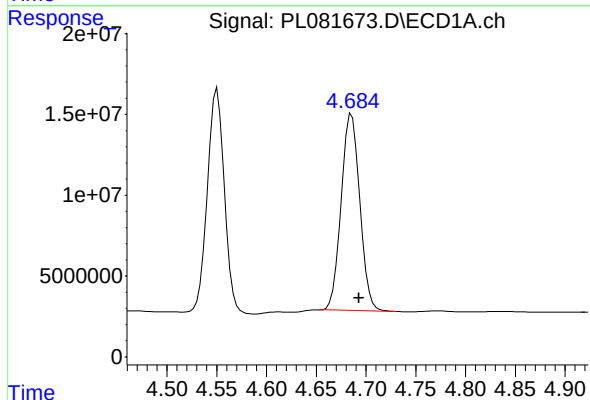
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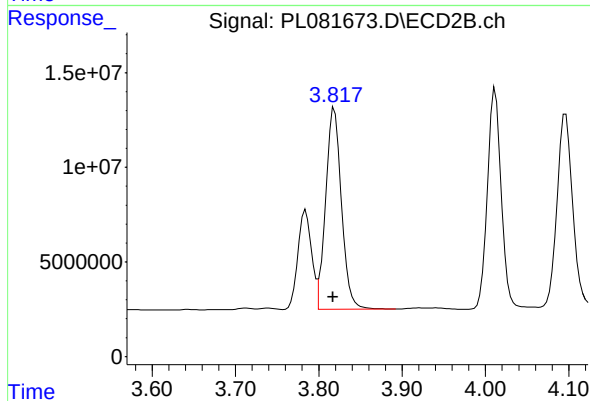
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.003 min
Response: 145221794
Conc: 52.16 ng/ml



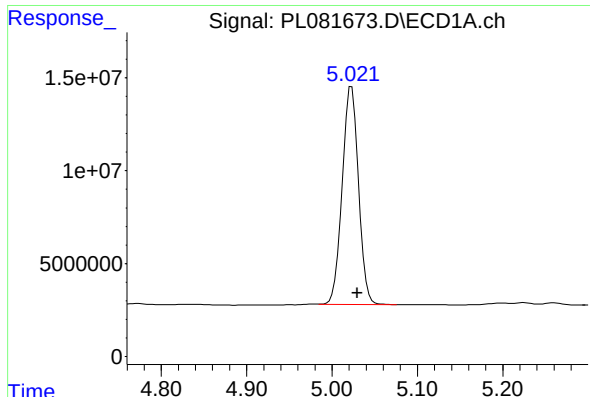
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 158503535
Conc: 50.28 ng/ml m



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 140010995
Conc: 48.84 ng/ml



#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 155636791
Conc: 54.41 ng/ml

Instrument :

ECD_L

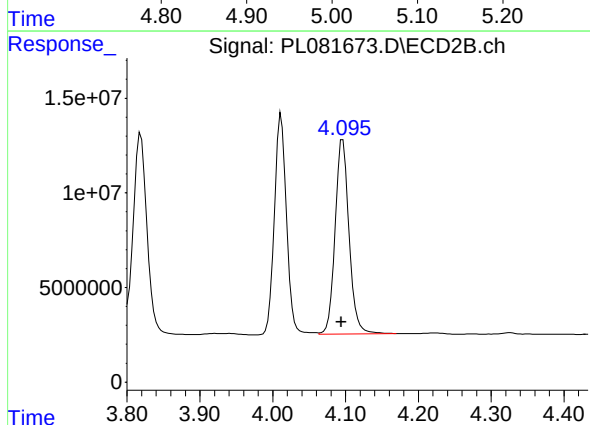
ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

Manual Integrations

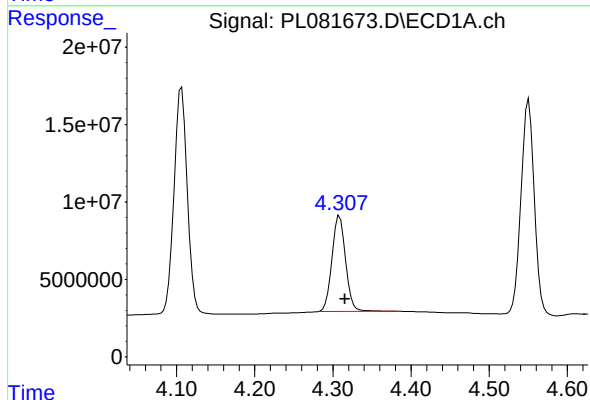
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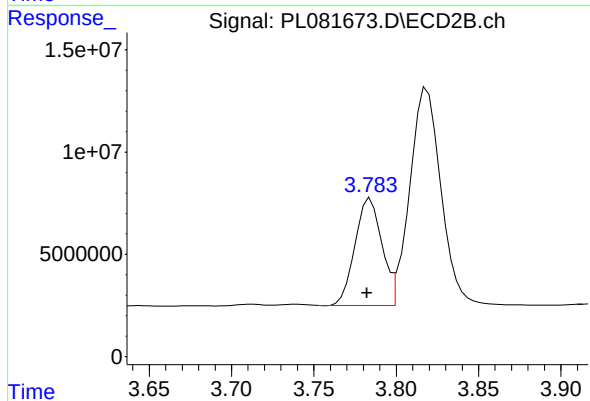
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 136573258
Conc: 51.26 ng/ml



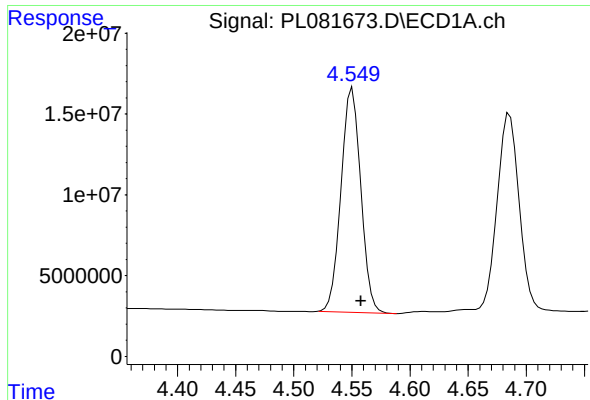
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 75040009
Conc: 49.86 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 59557875
Conc: 50.01 ng/ml



#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 164180591
Conc: 54.02 ng/ml

Instrument :

ECD_L

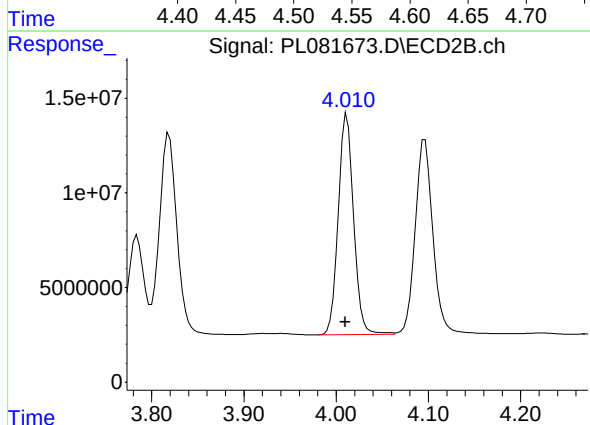
ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

Manual Integrations

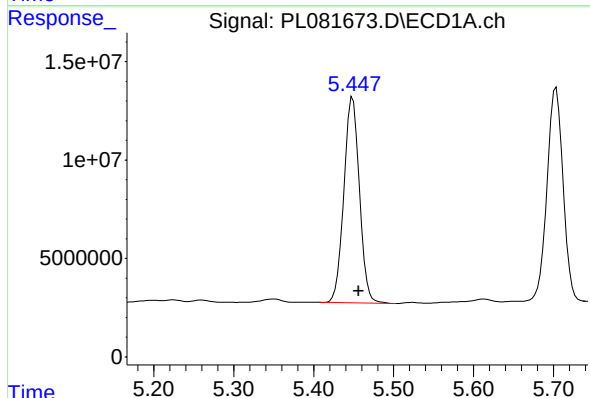
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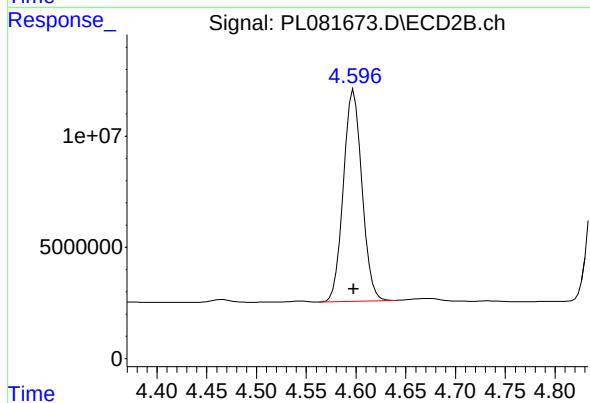
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 134668283
Conc: 52.07 ng/ml



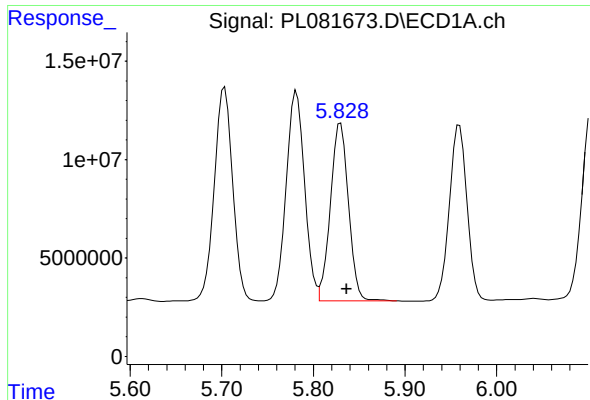
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 141346442
Conc: 51.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 123527476
Conc: 50.86 ng/ml



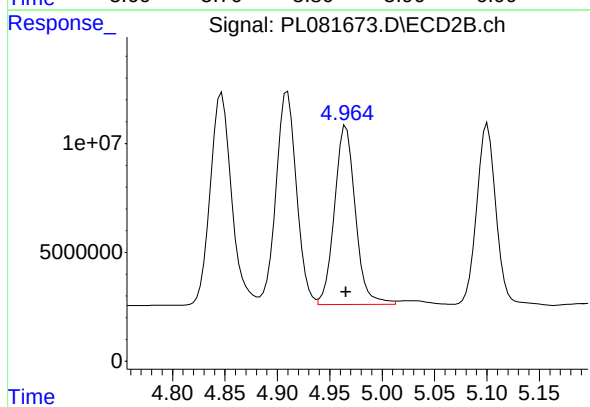
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 123543285
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLYMSD

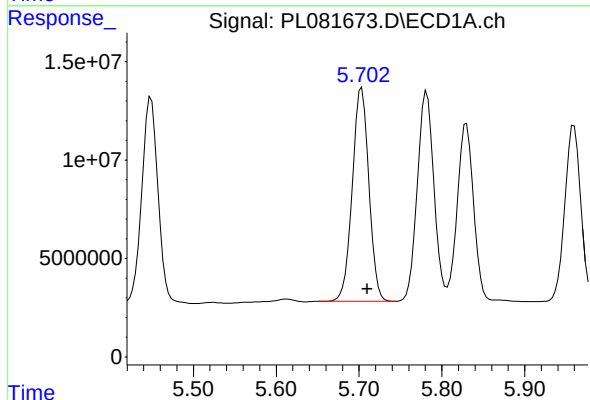
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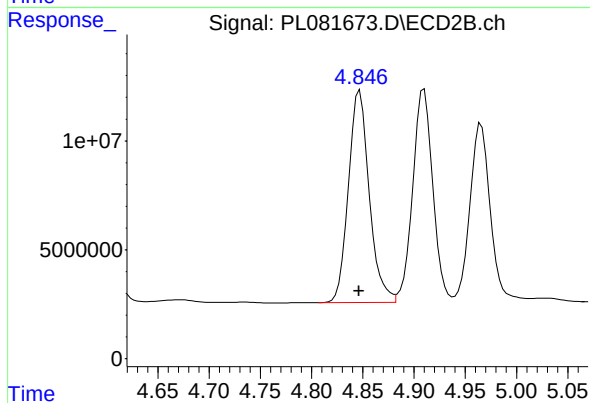
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 113522696
Conc: 51.42 ng/ml



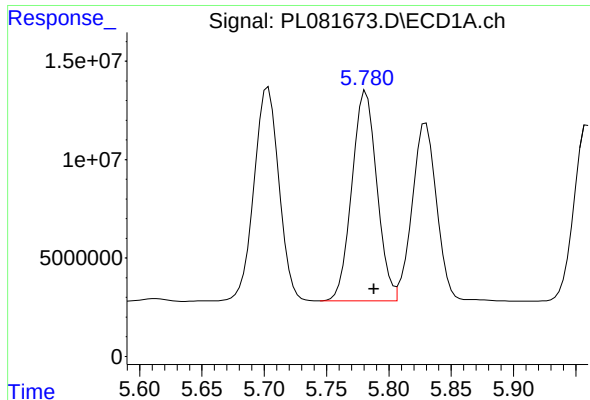
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 151085627
Conc: 57.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 137827204
Conc: 56.71 ng/ml



#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 148369157
Conc: 57.32 ng/ml

Instrument :

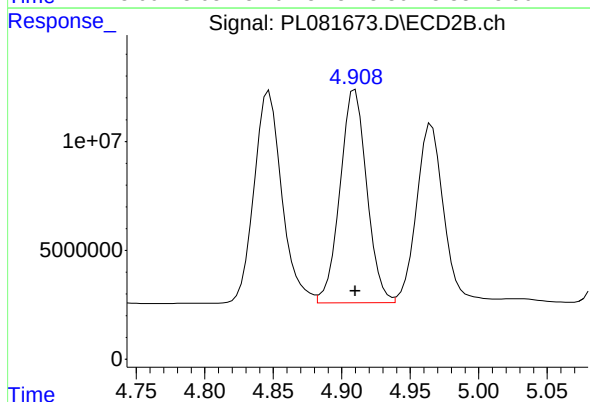
ECD_L

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

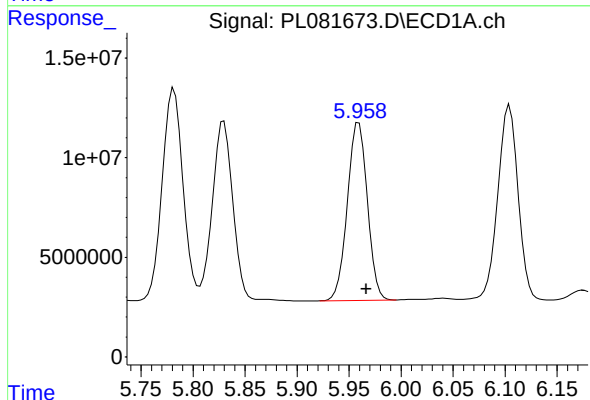
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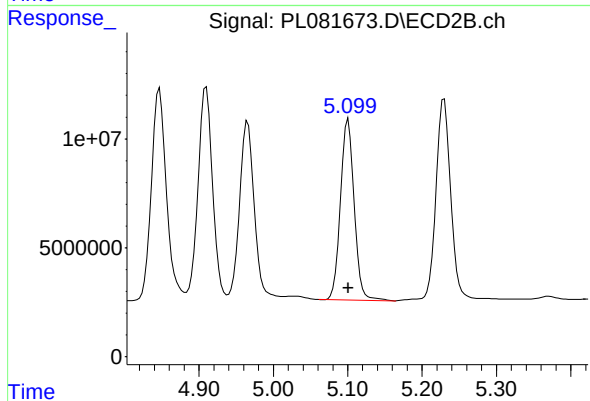
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 133484413
Conc: 54.96 ng/ml



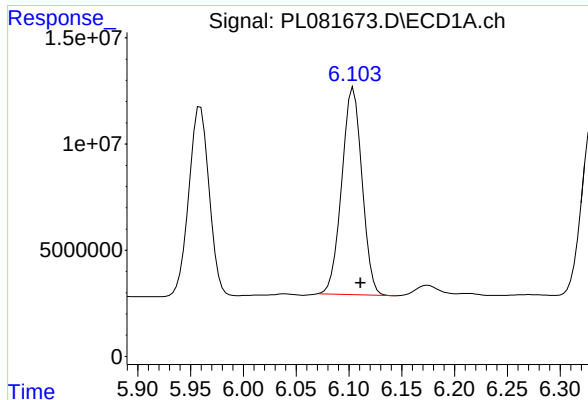
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 119451575
Conc: 53.00 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 106609309
Conc: 54.12 ng/ml



#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 129955602
Conc: 53.68 ng/ml

Instrument :

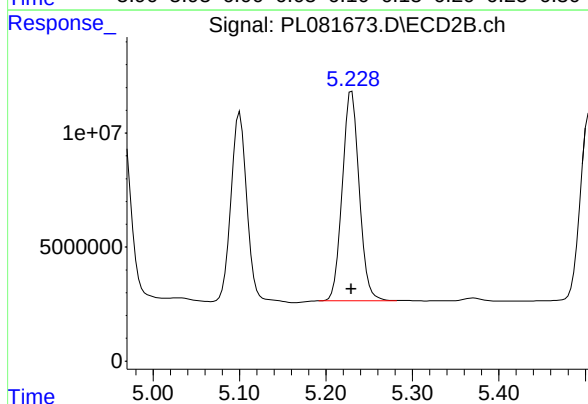
ECD_L

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

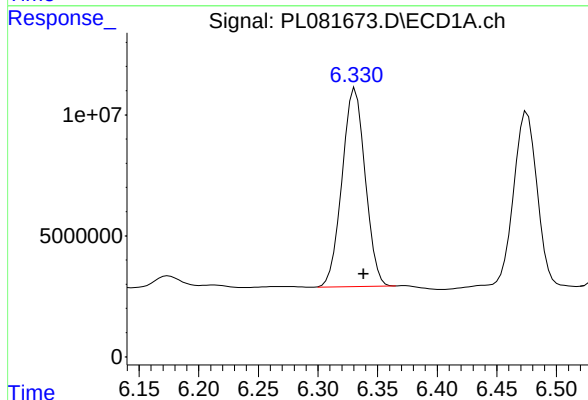
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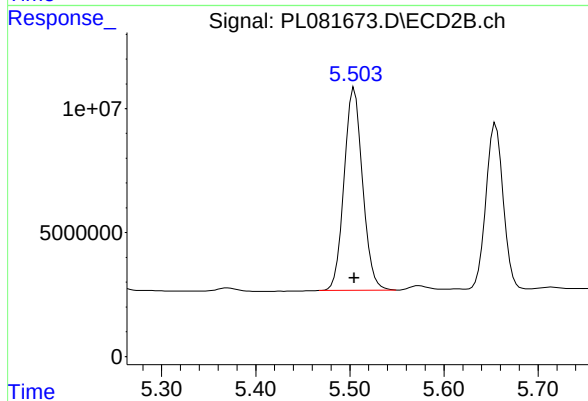
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 124221612
Conc: 55.22 ng/ml



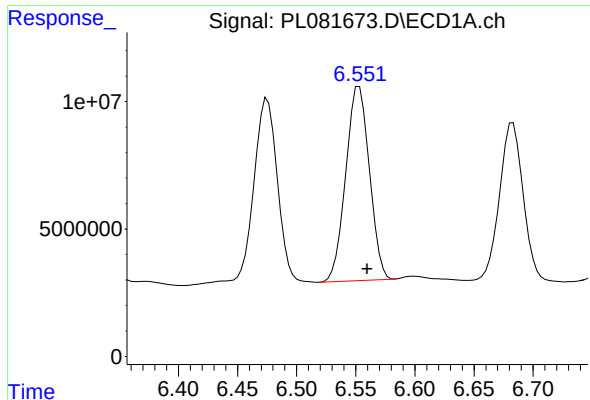
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 110412428
Conc: 52.20 ng/ml



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 111417378
Conc: 55.06 ng/ml



#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 105807040
Conc: 49.86 ng/ml

Instrument :

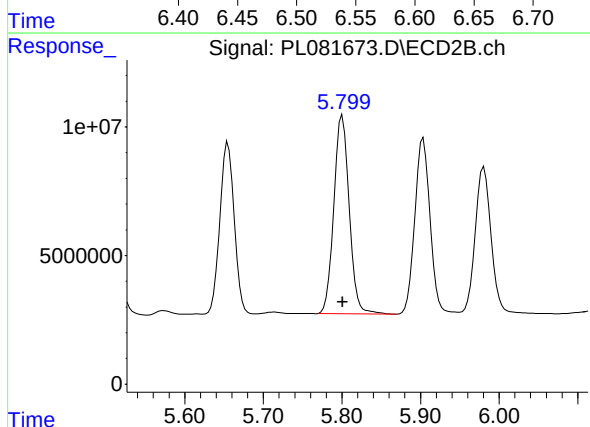
ECD_L

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

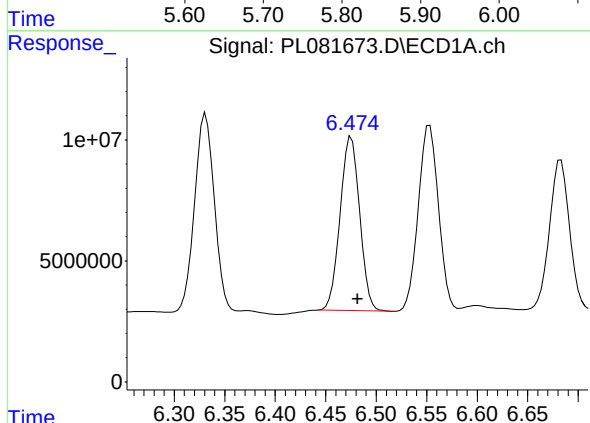
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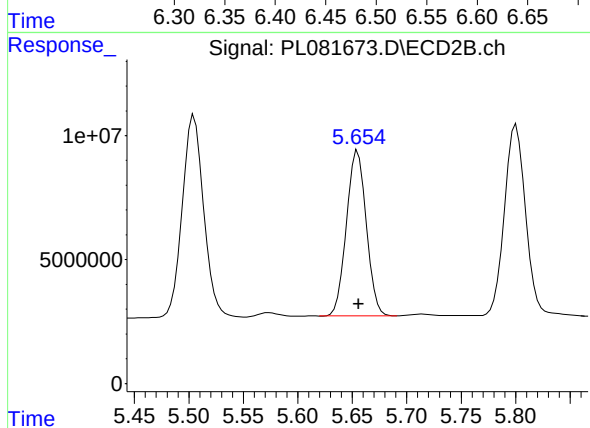
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 104719021
Conc: 57.73 ng/ml



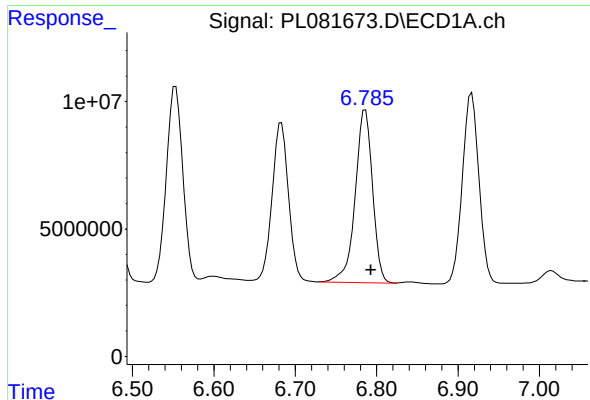
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.006 min
Response: 97286528
Conc: 53.94 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 84526485
Conc: 55.70 ng/ml



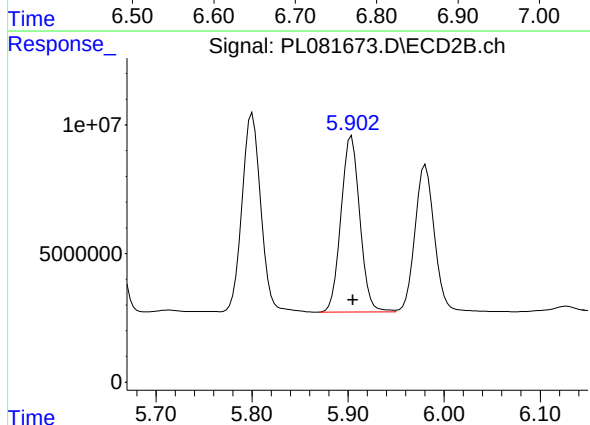
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 100735554
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLYMSD

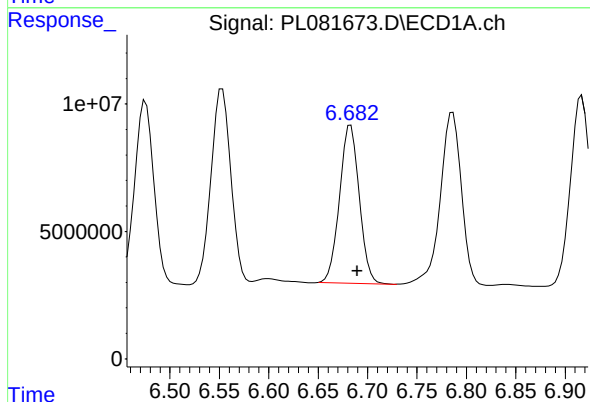
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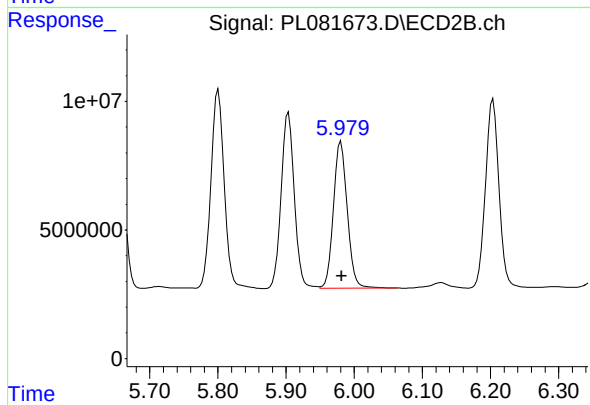
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: -0.001 min
Response: 92600165
Conc: 53.74 ng/ml



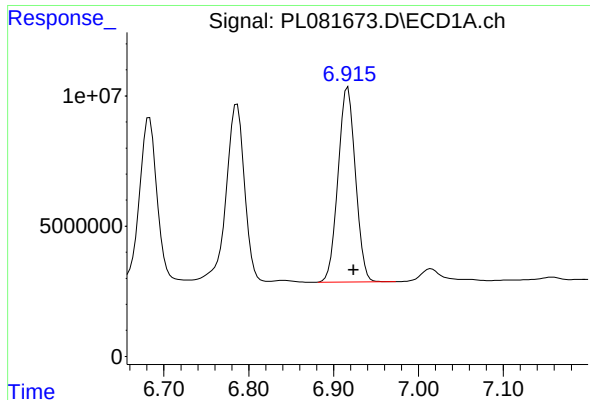
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 85830875
Conc: 52.46 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 80480232
Conc: 51.82 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 106643033
Conc: 51.17 ng/ml

Instrument :

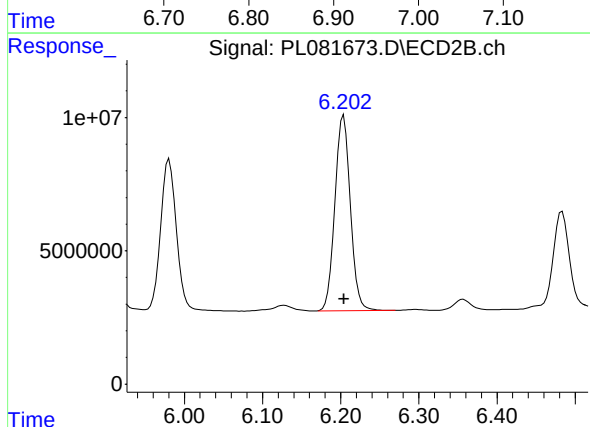
ECD_L

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

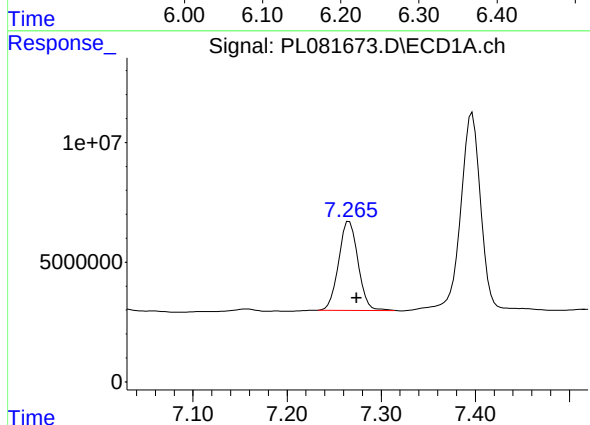
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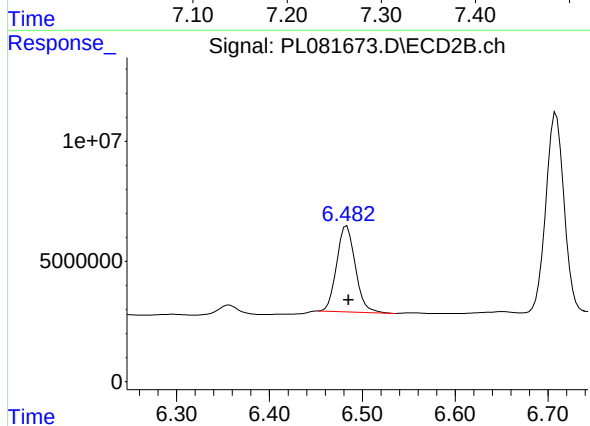
#19 Endosulfan Sulfate

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 100700014
Conc: 51.76 ng/ml



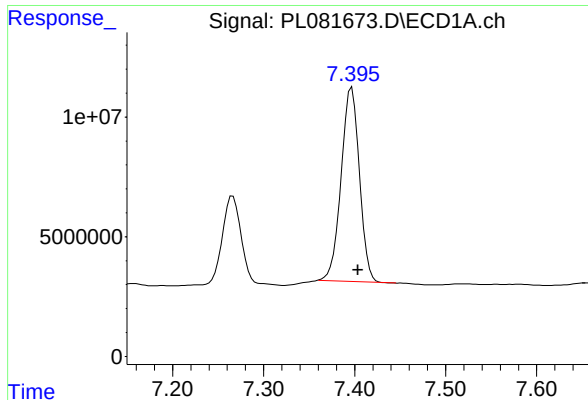
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 53267785
Conc: 49.46 ng/ml



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 49990621
Conc: 50.19 ng/ml



#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 113253848
Conc: 54.07 ng/ml

Instrument :

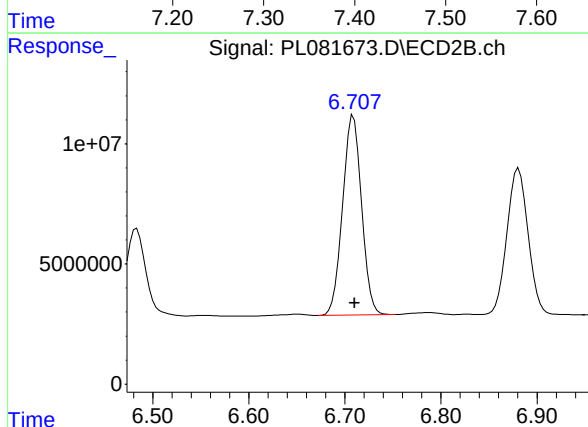
ECD_L

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

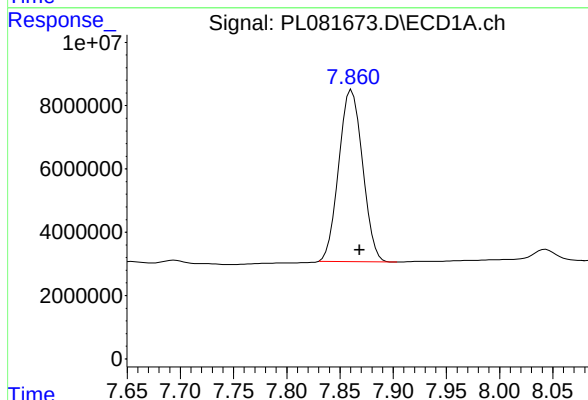
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2023
Supervised By :Ankita Jodhani 03/24/2023



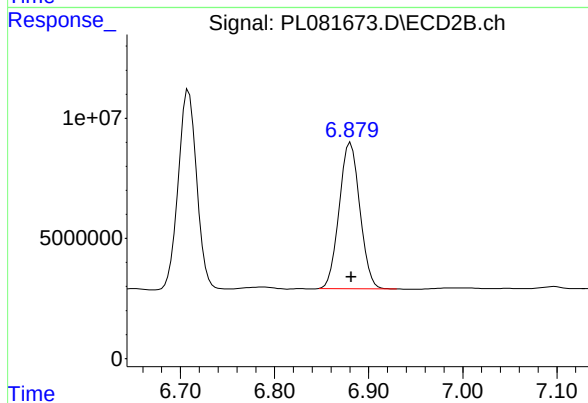
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 113225194
Conc: 52.98 ng/ml



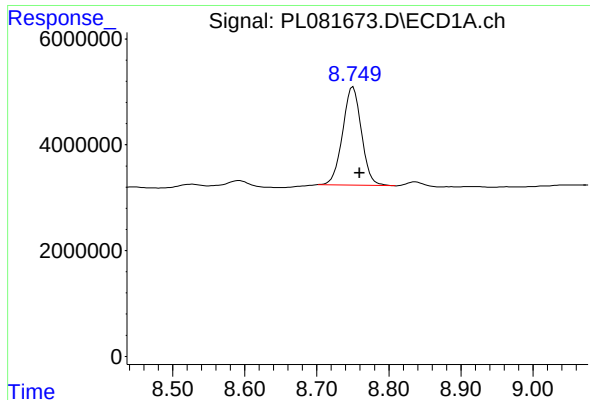
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 84145813
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 92827783
Conc: 48.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.009 min
Response: 33582732
Conc: 18.77 ng/ml

Instrument :

ECD_L

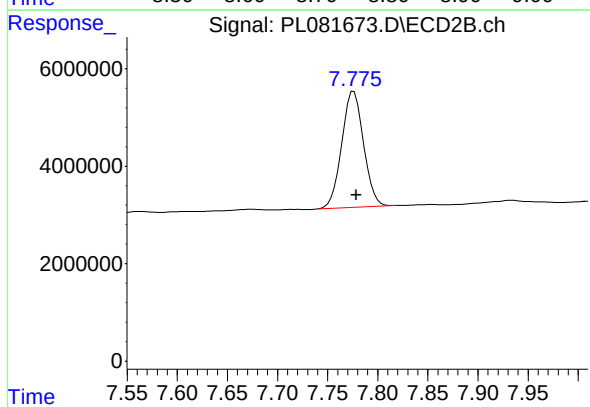
ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYMSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 35971480
Conc: 18.14 ng/ml