

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 17:41
 Operator : AR\AJ
 Sample : 01671-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 T5-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/01/2023
 Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 21:57:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 15:14:21 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...	3.338	2.669	30972913	31568472	21.705	18.357
28) SA Decachlor...	8.767	7.795	17570586	23670511	18.348	21.256
Target Compounds						
2) A alpha-BHC	3.787	3.170	116.9E6	123.6E6	58.119m	51.756
3) MA gamma-BHC...	4.117	3.499	108.2E6	118.8E6	59.641	53.753
4) MA Heptachlor	4.697	3.833	97725599	111.3E6	60.131	55.015
5) MB Aldrin	5.034	4.111	91690606	113.2E6	61.268	55.643
6) B beta-BHC	4.320	3.798	49128053	48192995	59.398	54.195
7) B delta-BHC	4.562	4.026	99755986	101.6E6	59.096	53.120
8) B Heptachlo...	5.461	4.614	82950335	102.9E6	59.782	57.782
9) A Endosulfan I	5.842	4.982	74966069	91265171	61.813	58.115
10) B gamma-Chl...	5.716	4.863	81659503	100.7E6	61.914	57.279
11) B alpha-Chl...	5.794	4.927	79484916	100.3E6	62.543	58.427
12) B 4,4'-DDE	5.972	5.117	75840895	90290471	65.725	65.836
13) MA Dieldrin	6.117	5.247	71859845	95922670	57.054	59.815
14) MA Endrin	6.343	5.522	62834225	82860420	56.414m	61.826
15) B Endosulfa...	6.567	5.818	59106411	71618781	51.790	61.980
16) A 4,4'-DDD	6.487	5.672	54267536	65584795	56.687	60.491
17) MA 4,4'-DDT	6.798	5.921	54113890	63812369	60.468	66.394
18) B Endrin al...	6.697	5.999	46134900	58711888	55.075	59.797
19) B Endosulfa...	6.931	6.221	58806103	75182386	56.915	60.787
20) A Methoxychlor	7.280	6.502	26521912	33658123	57.098	67.014
21) B Endrin ke...	7.410	6.727	60480109	82210701	52.699m	61.618
22) Mirex	7.873	6.899	46479529	70714143	53.838m	62.851

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
Data File : PL081162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2023 17:41
Operator : AR\AJ
Sample : 01671-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

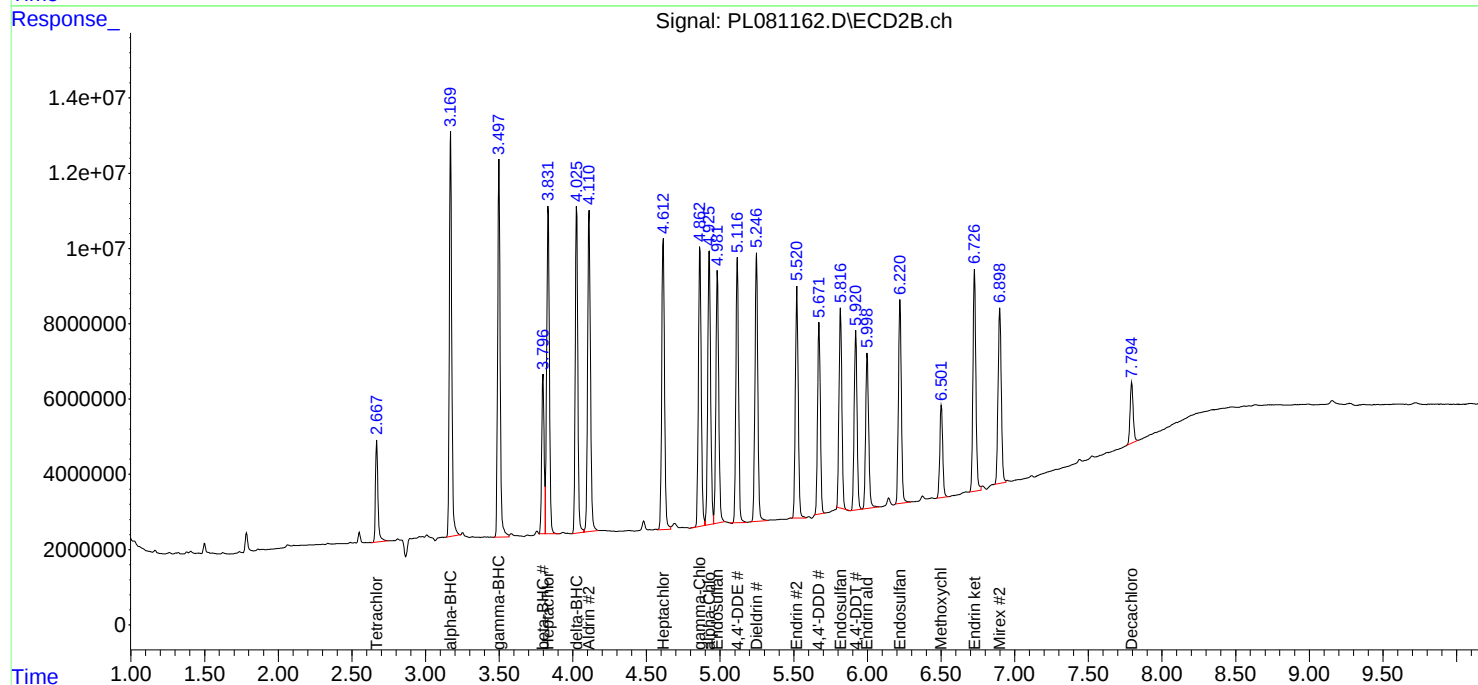
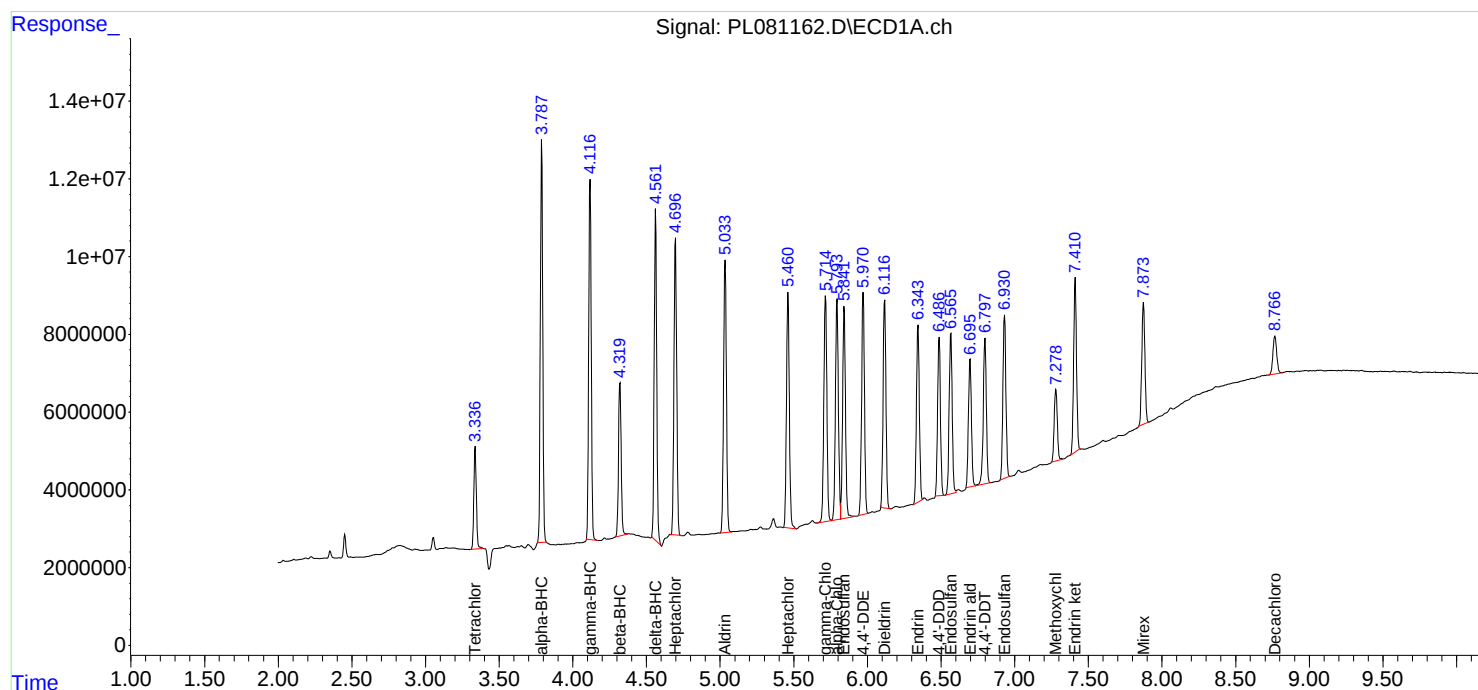
Instrument :
ECD_L
ClientSampleId :
T5-1MS

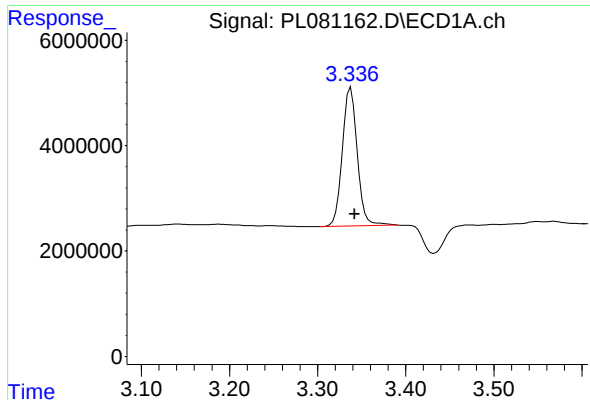
Manual Integrations
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Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 21:57:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
Quant Title : GC Extractables
QLast Update : Tue Feb 28 15:14:21 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





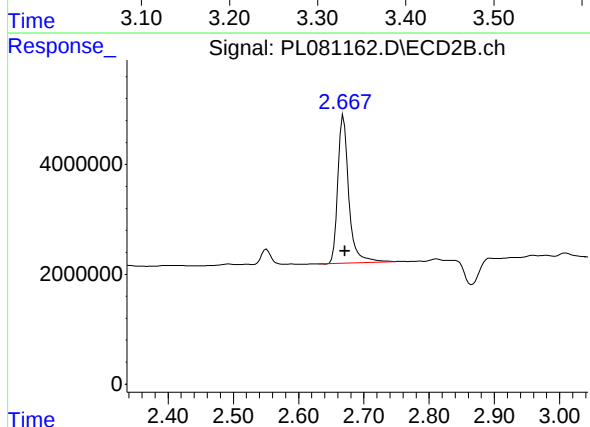
#1 Tetrachloro-m-xylene

R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 30972913
Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

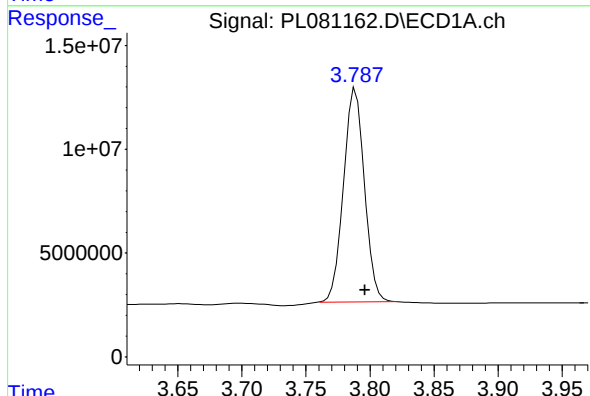
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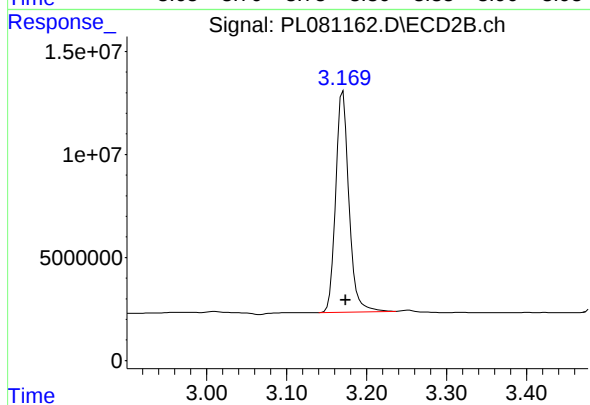
#1 Tetrachloro-m-xylene

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 31568472
Conc: 18.36 ng/ml



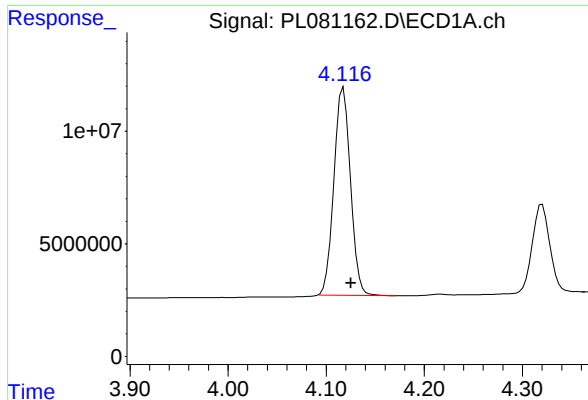
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.009 min
Response: 116903370
Conc: 58.12 ng/ml m



#2 alpha-BHC

R.T.: 3.170 min
Delta R.T.: -0.003 min
Response: 123640496
Conc: 51.76 ng/ml



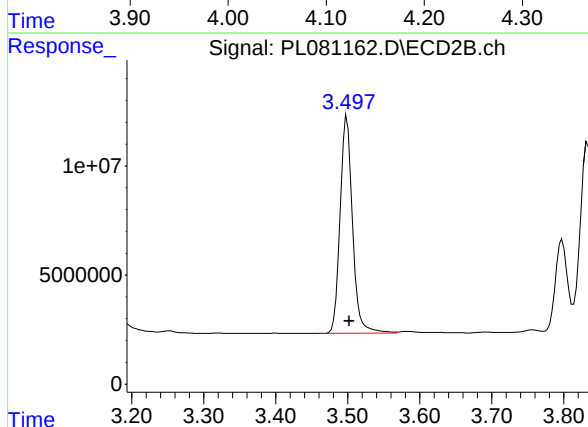
#3 gamma-BHC (Lindane)

R.T.: 4.117 min
Delta R.T.: -0.008 min
Response: 108220861
Conc: 59.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

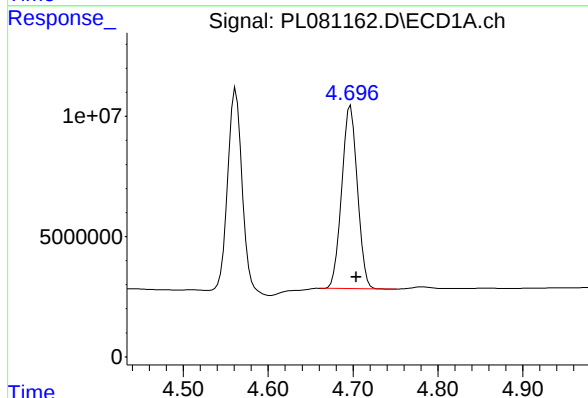
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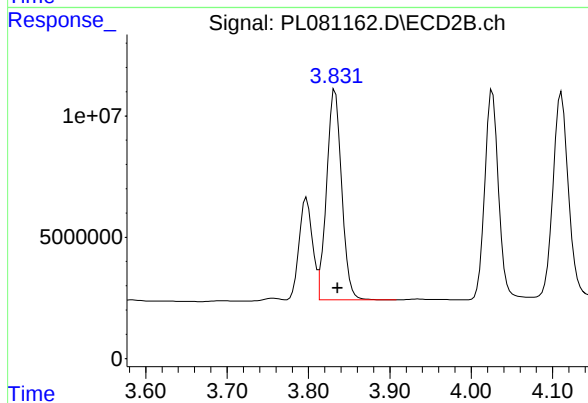
#3 gamma-BHC (Lindane)

R.T.: 3.499 min
Delta R.T.: -0.004 min
Response: 118782720
Conc: 53.75 ng/ml



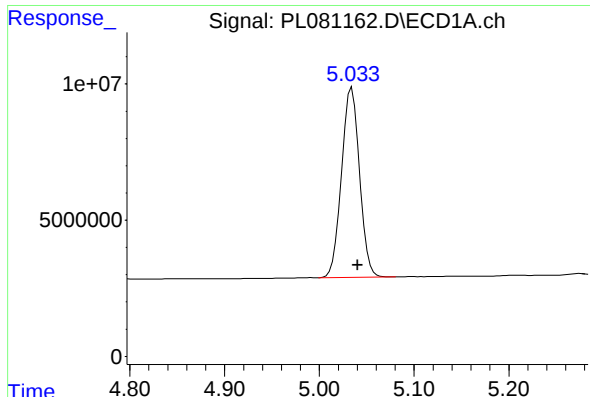
#4 Heptachlor

R.T.: 4.697 min
Delta R.T.: -0.007 min
Response: 97725599
Conc: 60.13 ng/ml



#4 Heptachlor

R.T.: 3.833 min
Delta R.T.: -0.003 min
Response: 111306431
Conc: 55.02 ng/ml



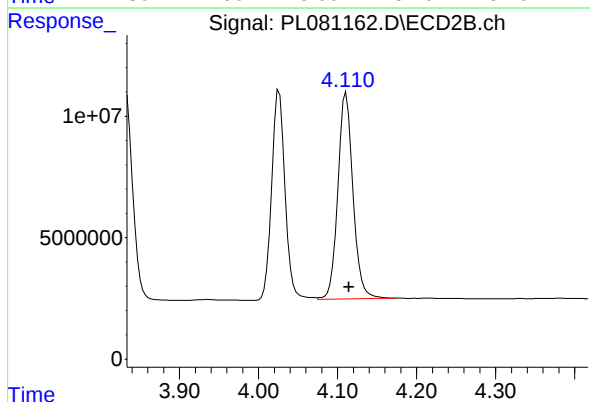
#5 Aldrin

R.T.: 5.034 min
Delta R.T.: -0.006 min
Response: 91690606
Conc: 61.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

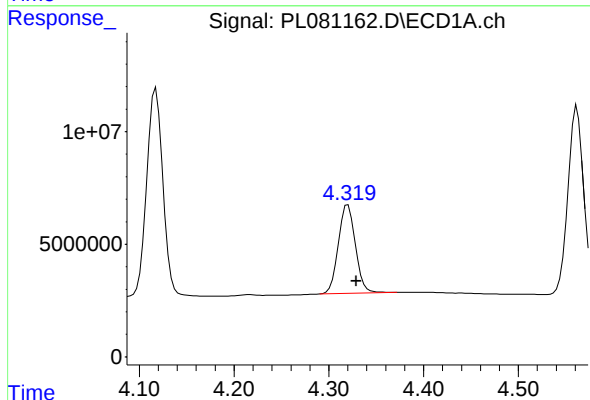
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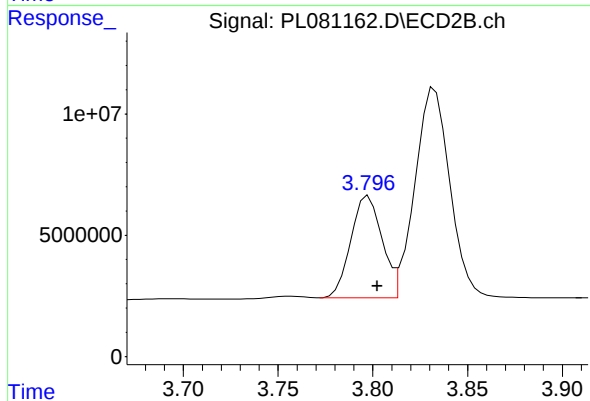
#5 Aldrin

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 113151141
Conc: 55.64 ng/ml



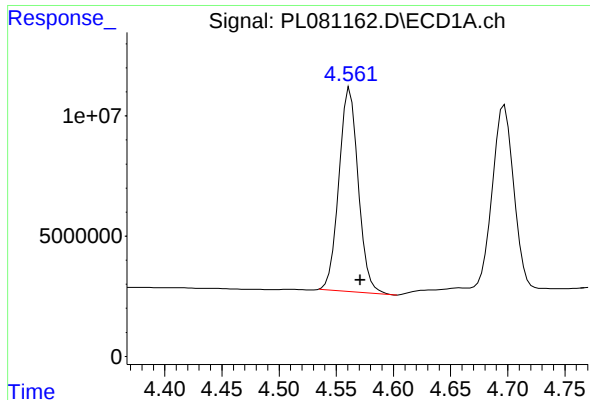
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: -0.009 min
Response: 49128053
Conc: 59.40 ng/ml



#6 beta-BHC

R.T.: 3.798 min
Delta R.T.: -0.005 min
Response: 48192995
Conc: 54.19 ng/ml



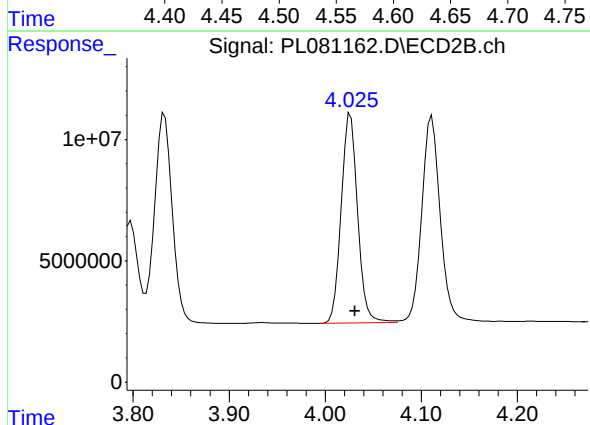
#7 delta-BHC

R.T.: 4.562 min
Delta R.T.: -0.009 min
Response: 99755986
Conc: 59.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

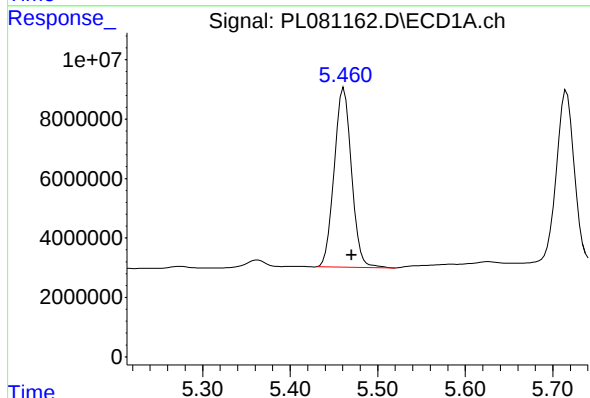
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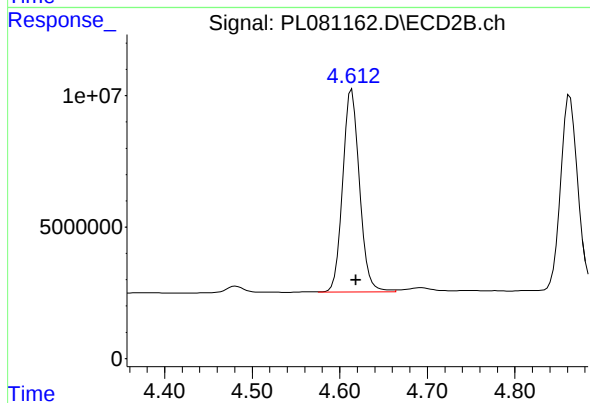
#7 delta-BHC

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 101573779
Conc: 53.12 ng/ml



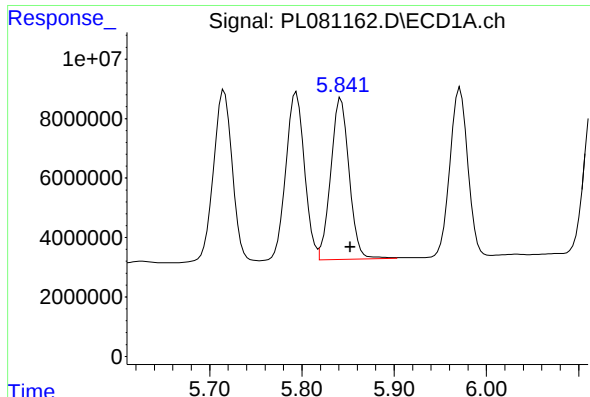
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: -0.009 min
Response: 82950335
Conc: 59.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.614 min
Delta R.T.: -0.005 min
Response: 102895142
Conc: 57.78 ng/ml



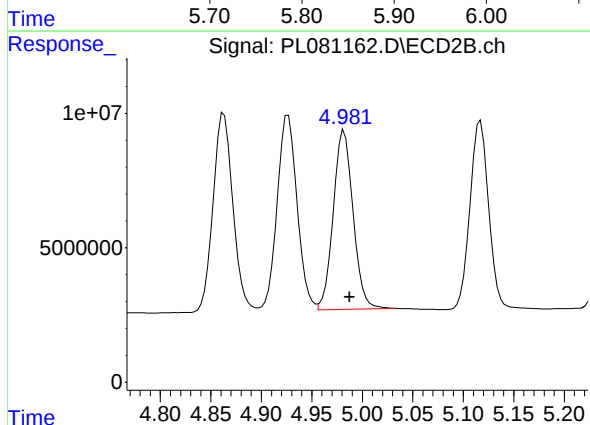
#9 Endosulfan I

R.T.: 5.842 min
Delta R.T.: -0.010 min
Response: 74966069
Conc: 61.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

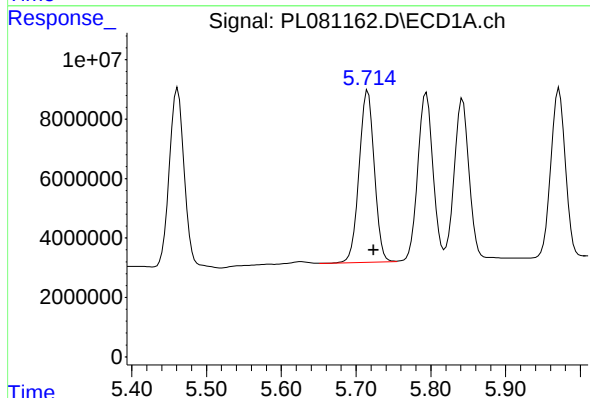
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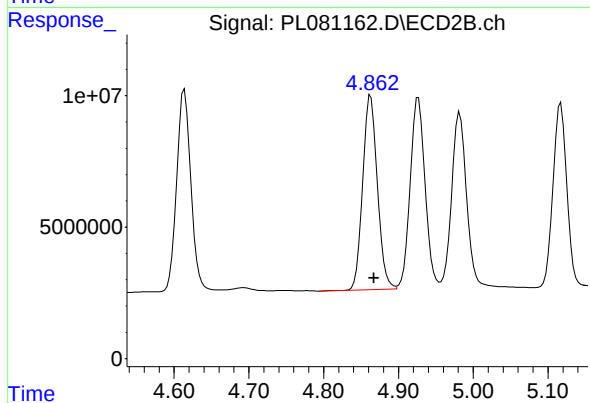
#9 Endosulfan I

R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 91265171
Conc: 58.12 ng/ml



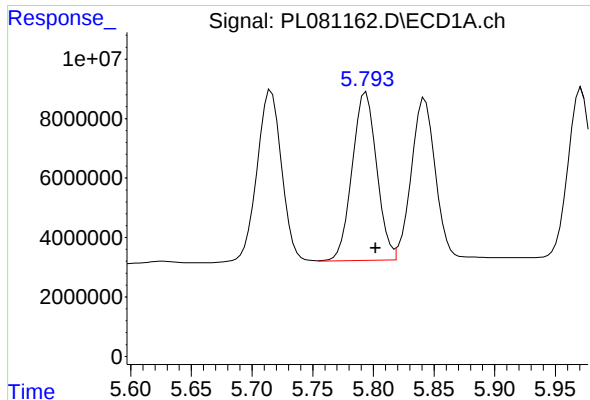
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 81659503
Conc: 61.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.863 min
Delta R.T.: -0.005 min
Response: 100730907
Conc: 57.28 ng/ml



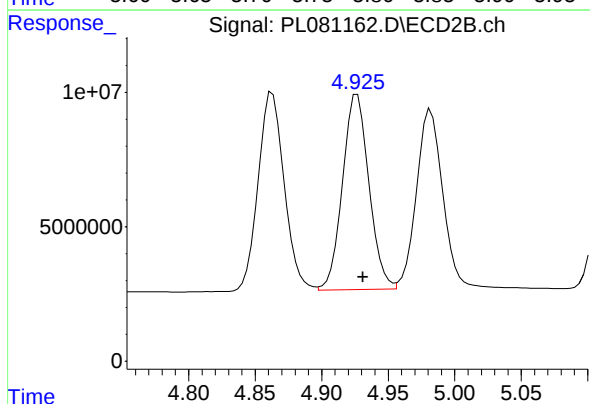
#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: -0.008 min
Response: 79484916
Conc: 62.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

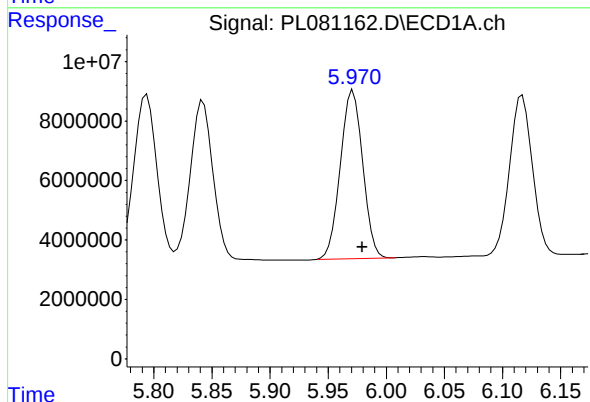
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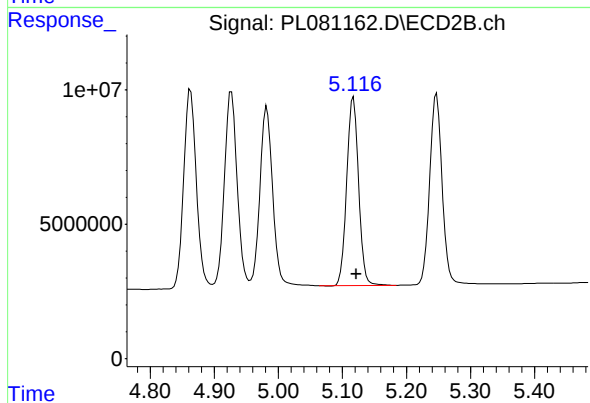
#11 alpha-Chlordane

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 100301872
Conc: 58.43 ng/ml



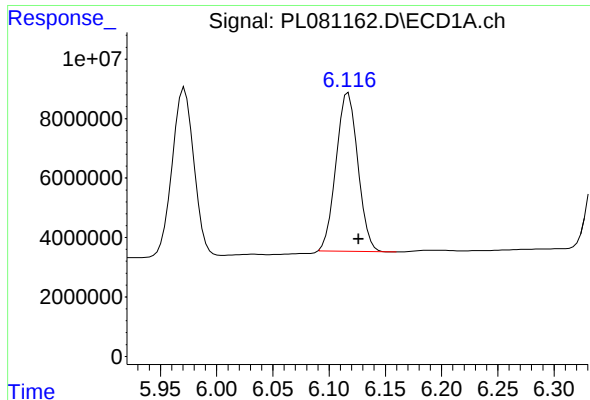
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: -0.008 min
Response: 75840895
Conc: 65.73 ng/ml



#12 4,4'-DDE

R.T.: 5.117 min
Delta R.T.: -0.004 min
Response: 90290471
Conc: 65.84 ng/ml



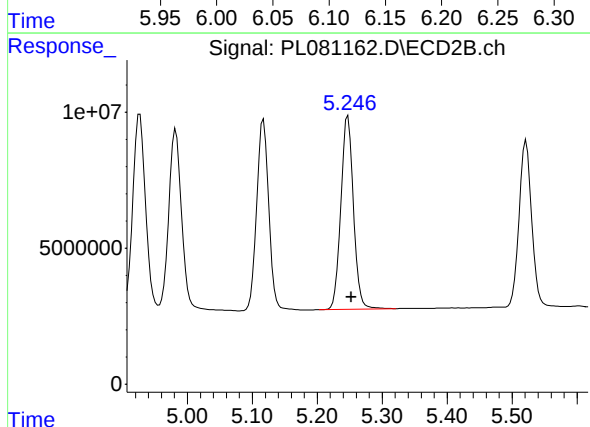
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: -0.009 min
Response: 71859845
Conc: 57.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

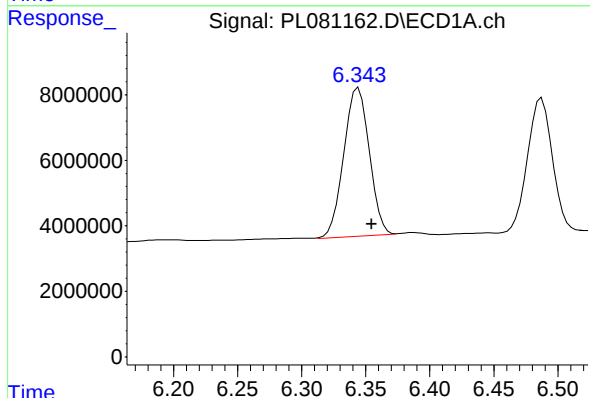
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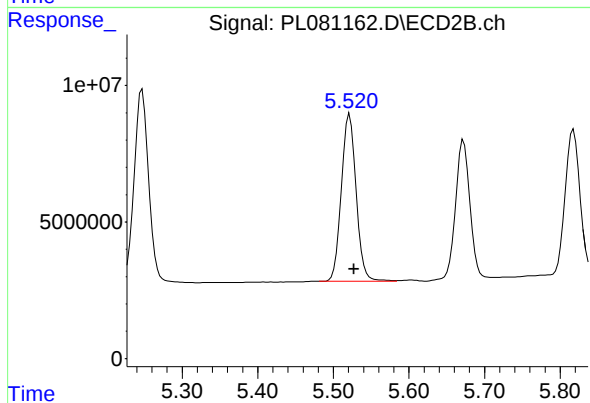
#13 Dieldrin

R.T.: 5.247 min
Delta R.T.: -0.006 min
Response: 95922670
Conc: 59.81 ng/ml



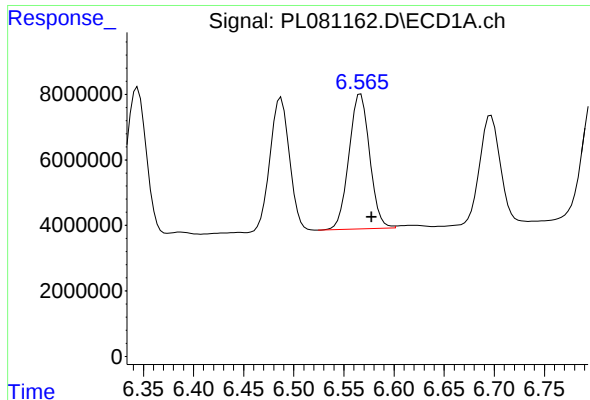
#14 Endrin

R.T.: 6.343 min
Delta R.T.: -0.012 min
Response: 62834225
Conc: 56.41 ng/ml m



#14 Endrin

R.T.: 5.522 min
Delta R.T.: -0.006 min
Response: 82860420
Conc: 61.83 ng/ml



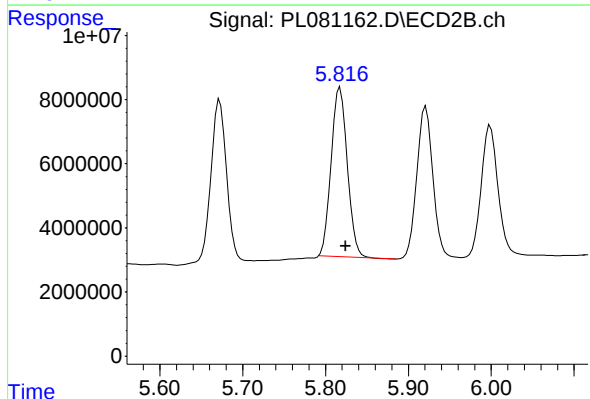
#15 Endosulfan II

R.T.: 6.567 min
Delta R.T.: -0.011 min
Response: 59106411
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

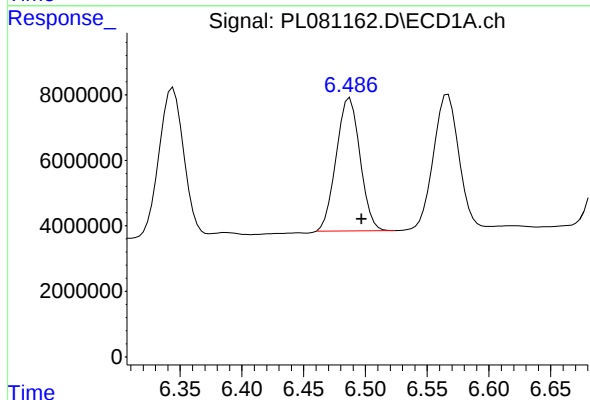
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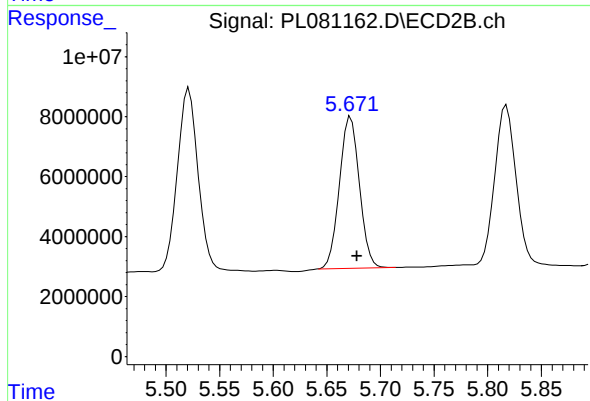
#15 Endosulfan II

R.T.: 5.818 min
Delta R.T.: -0.007 min
Response: 71618781
Conc: 61.98 ng/ml



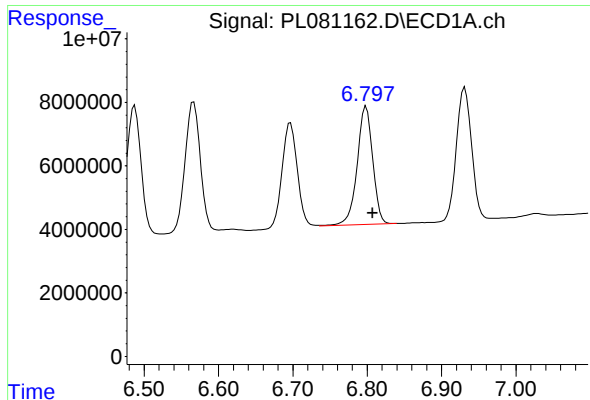
#16 4,4'-DDD

R.T.: 6.487 min
Delta R.T.: -0.009 min
Response: 54267536
Conc: 56.69 ng/ml



#16 4,4'-DDD

R.T.: 5.672 min
Delta R.T.: -0.006 min
Response: 65584795
Conc: 60.49 ng/ml



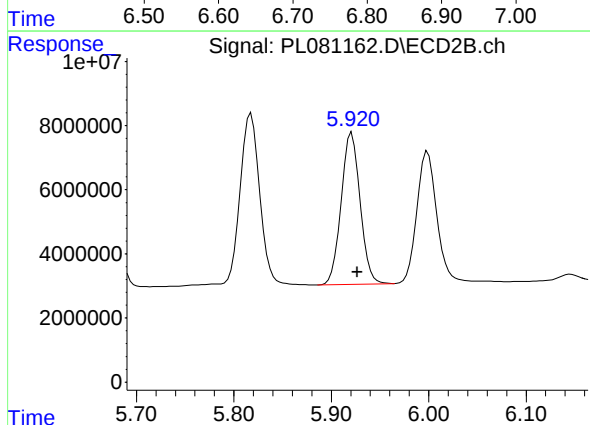
#17 4,4'-DDT

R.T.: 6.798 min
Delta R.T.: -0.009 min
Response: 54113890
Conc: 60.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

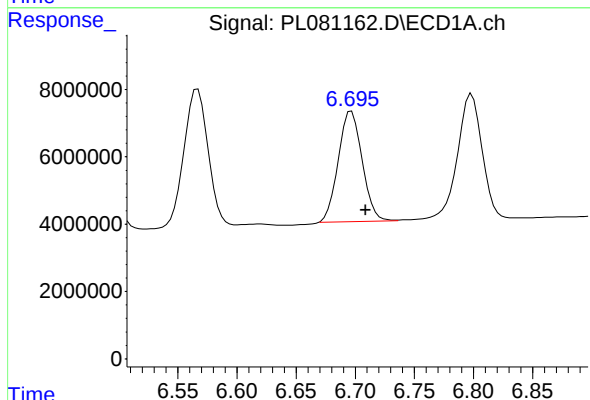
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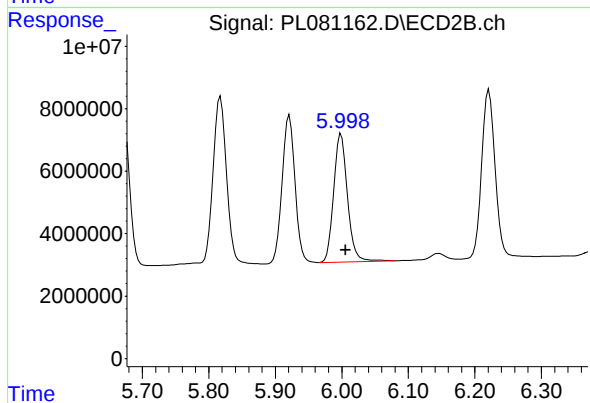
#17 4,4'-DDT

R.T.: 5.921 min
Delta R.T.: -0.006 min
Response: 63812369
Conc: 66.39 ng/ml



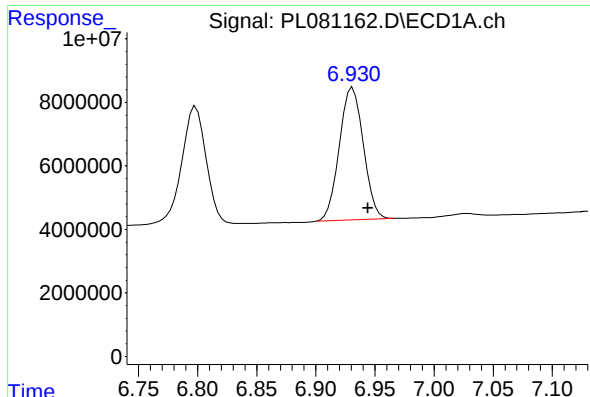
#18 Endrin aldehyde

R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 46134900
Conc: 55.08 ng/ml



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 58711888
Conc: 59.80 ng/ml



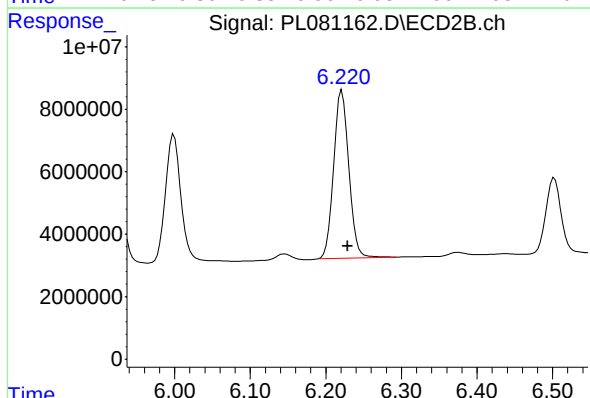
#19 Endosulfan Sulfate

R.T.: 6.931 min
Delta R.T.: -0.013 min
Response: 58806103
Conc: 56.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

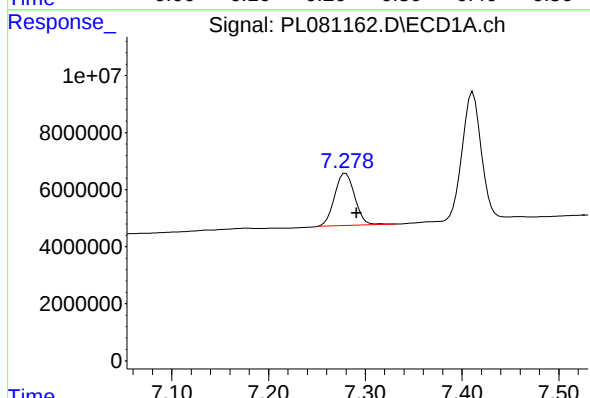
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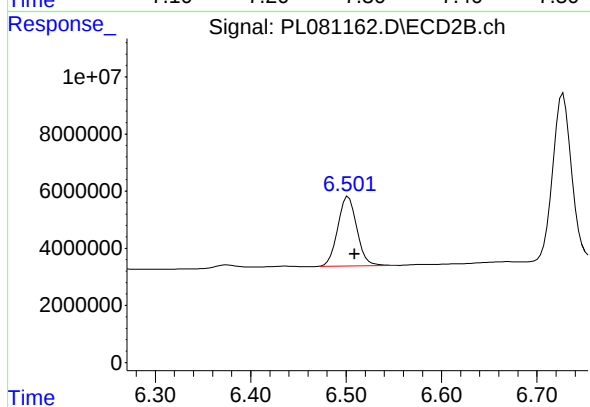
#19 Endosulfan Sulfate

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 75182386
Conc: 60.79 ng/ml



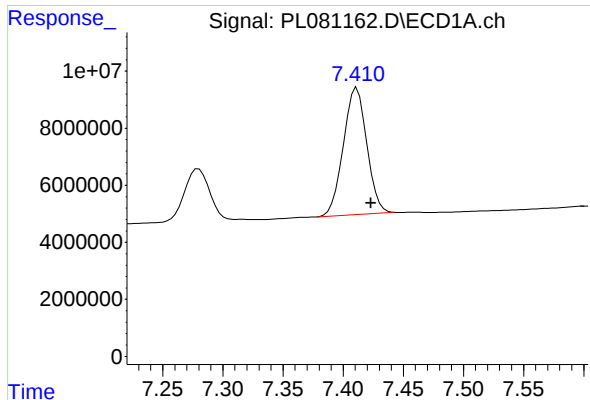
#20 Methoxychlor

R.T.: 7.280 min
Delta R.T.: -0.011 min
Response: 26521912
Conc: 57.10 ng/ml



#20 Methoxychlor

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 33658123
Conc: 67.01 ng/ml



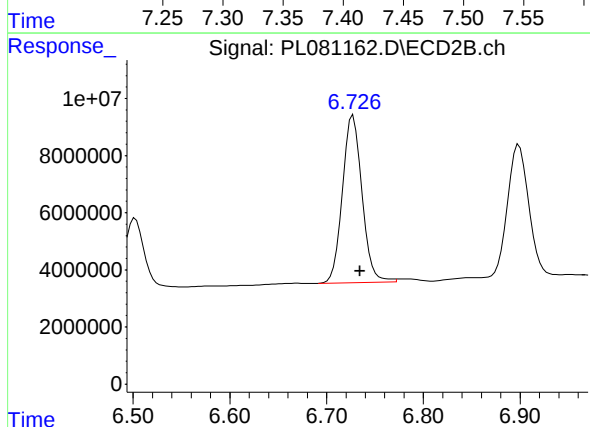
#21 Endrin ketone

R.T.: 7.410 min
Delta R.T.: -0.013 min
Response: 60480109
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

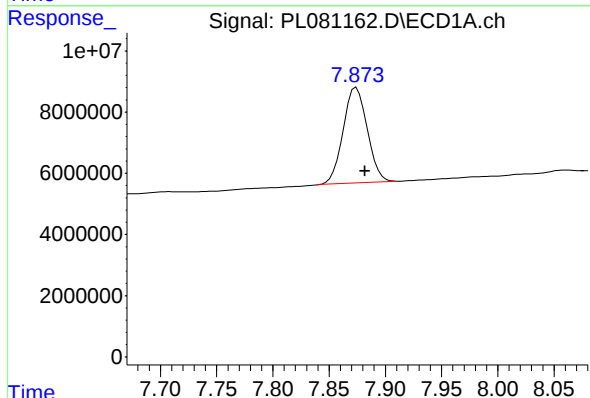
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



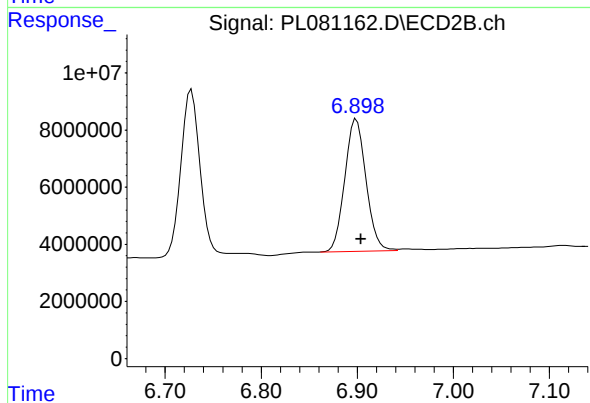
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: -0.007 min
Response: 82210701
Conc: 61.62 ng/ml



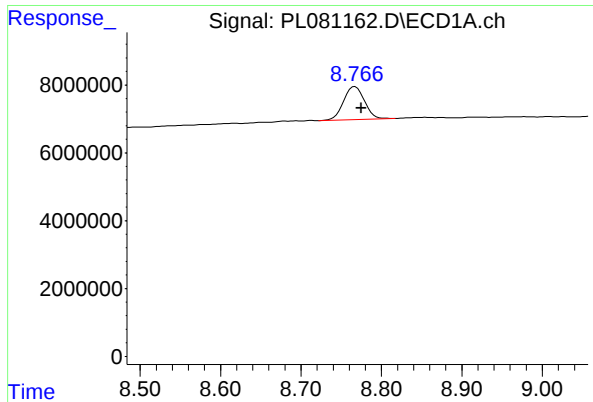
#22 Mirex

R.T.: 7.873 min
Delta R.T.: -0.009 min
Response: 46479529
Conc: 53.84 ng/ml m



#22 Mirex

R.T.: 6.899 min
Delta R.T.: -0.005 min
Response: 70714143
Conc: 62.85 ng/ml



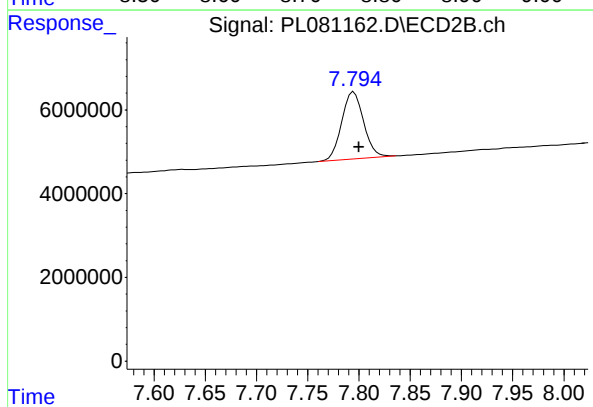
#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.008 min
Response: 17570586
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
T5-1MS

Manual Integrations
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Supervised By :Ankita Jodhani 03/01/2023



#28 Decachlorobiphenyl

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 23670511
Conc: 21.26 ng/ml