

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 18:36
 Operator : AR\AJ
 Sample : PB151103BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151103BS

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 22:02:09 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	30733404	31498407	21.537	18.316
28) SA Decachlor...	8.766	7.794	20083848	26486453	20.973	23.784
Target Compounds						
2) A alpha-BHC	3.788	3.170	111.5E6	115.9E6	55.422m	48.528
3) MA gamma-BHC...	4.117	3.499	102.4E6	110.8E6	56.407	50.119
4) MA Heptachlor	4.697	3.833	93416317	105.4E6	57.479	52.103
5) MB Aldrin	5.034	4.110	88536013	104.6E6	59.160	51.448
6) B beta-BHC	4.320	3.798	46355962	44913326	56.047	50.507
7) B delta-BHC	4.562	4.026	93828855	96122628	55.585	50.270
8) B Heptachlo...	5.461	4.613	79965827	98057867	57.631	55.065
9) A Endosulfan I	5.843	4.982	71409137	87531197	58.880	55.737
10) B gamma-Chl...	5.715	4.863	77014992	95105507	58.392	54.080
11) B alpha-Chl...	5.793	4.926	75923137	95092498	59.740	55.392
12) B 4,4'-DDE	5.971	5.116	64894379	75543914	56.239	55.084
13) MA Dieldrin	6.115	5.247	70955160	90032819	56.336m	56.142
14) MA Endrin	6.342	5.521	60468113	76267964	54.289m	56.907
15) B Endosulfa...	6.566	5.817	58536448	68449149	51.291	59.237
16) A 4,4'-DDD	6.487	5.672	51229143	61222737	53.514	56.468
17) MA 4,4'-DDT	6.798	5.921	47567586	56186592	53.153	58.460
18) B Endrin al...	6.697	5.999	44449064	56847359	53.063	57.898
19) B Endosulfa...	6.931	6.221	56951843	72724616	55.120	58.800
20) A Methoxychlor	7.279	6.501	24941311	31855508	53.696	63.425
21) B Endrin ke...	7.409	6.727	58940332	79001617	51.357m	59.213
22) Mirex	7.873	6.898	45744090	69208077	52.986m	61.513

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
Data File : PL081166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2023 18:36
Operator : AR\AJ
Sample : PB151103BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151103BS

Manual Integrations

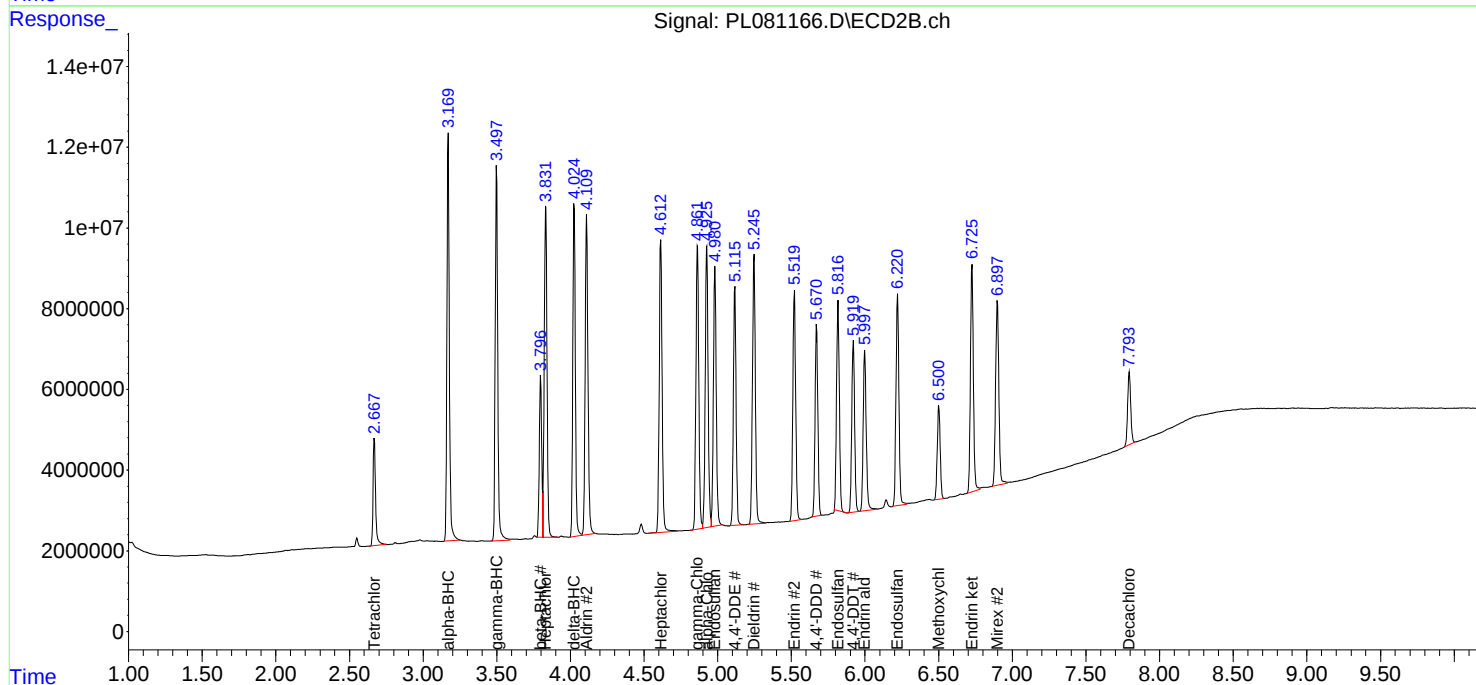
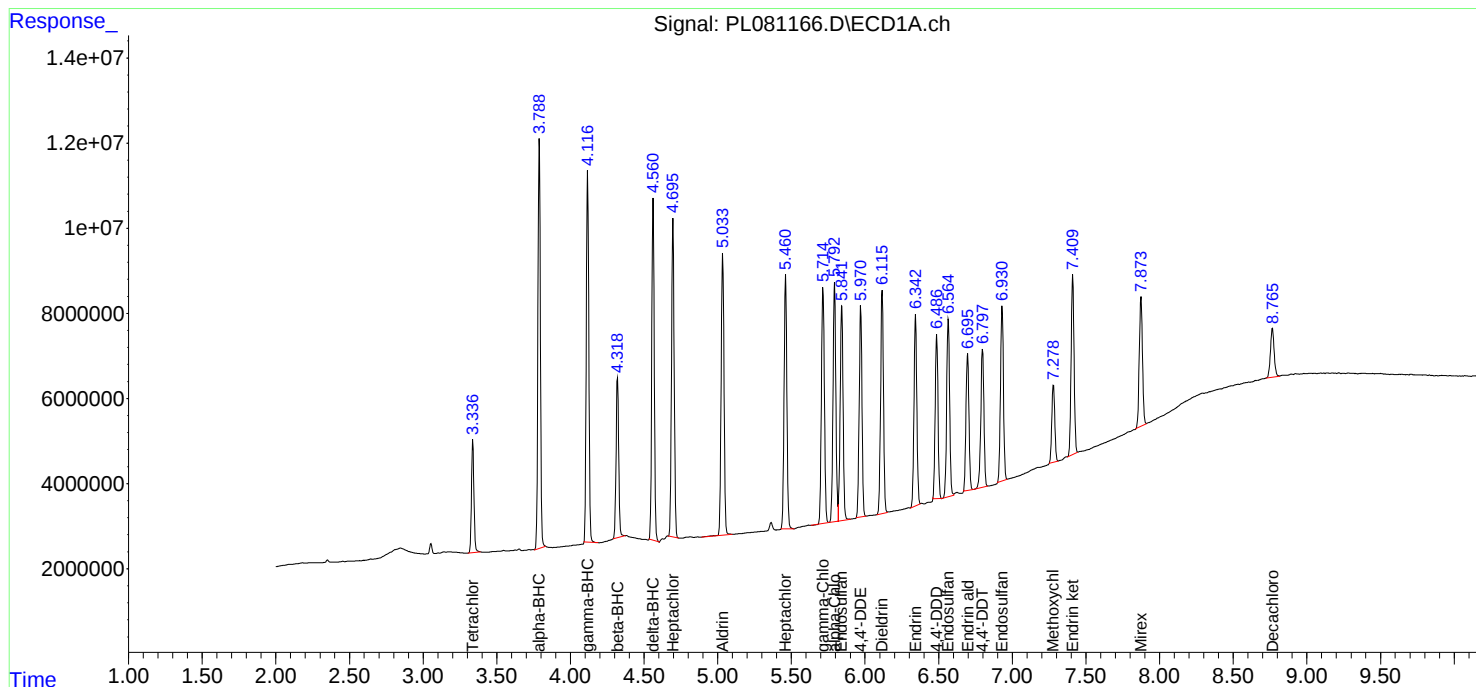
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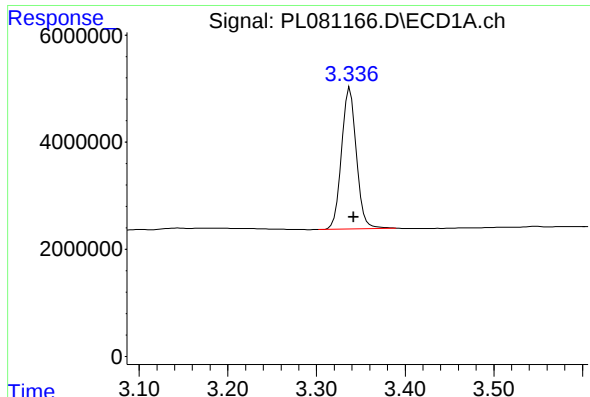
Reviewed By :Abdul Mirza 03/01/2023

Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 22:02:09 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





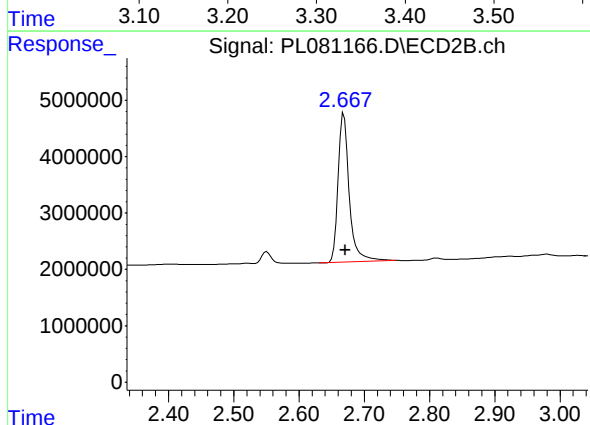
#1 Tetrachloro-m-xylene

R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 30733404
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

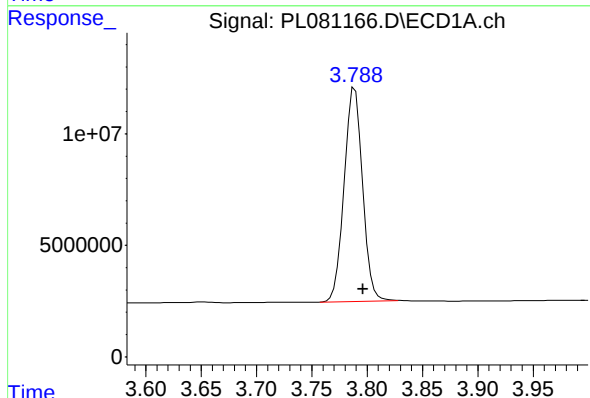
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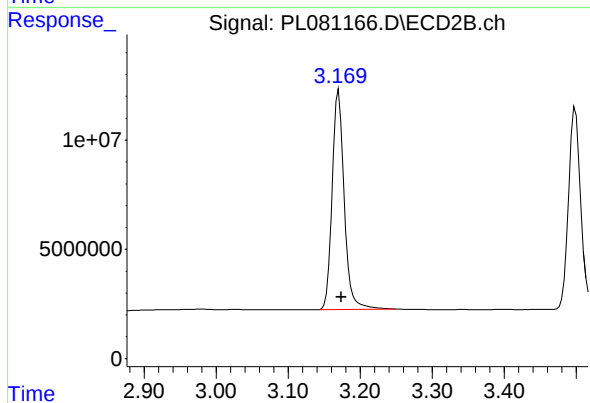
#1 Tetrachloro-m-xylene

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 31498407
Conc: 18.32 ng/ml



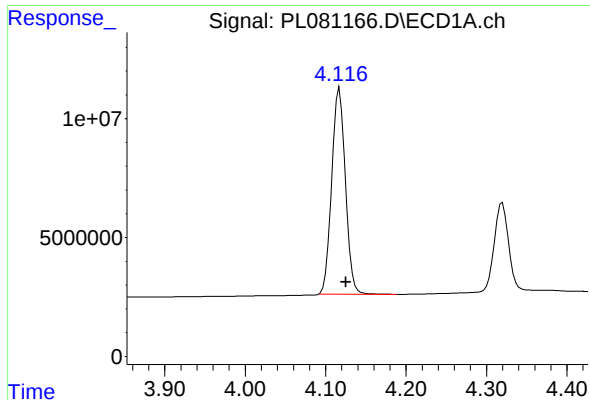
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.009 min
Response: 111477944
Conc: 55.42 ng/ml m



#2 alpha-BHC

R.T.: 3.170 min
Delta R.T.: -0.004 min
Response: 115930245
Conc: 48.53 ng/ml



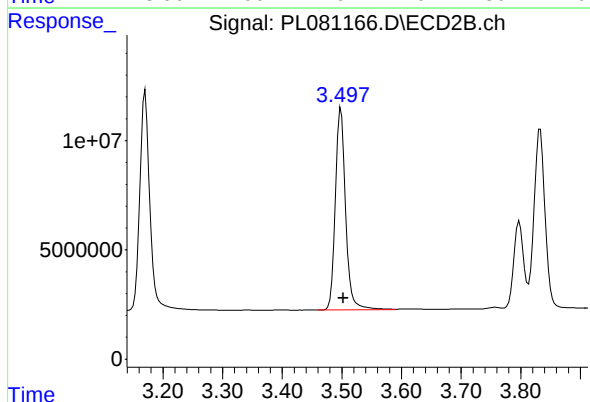
#3 gamma-BHC (Lindane)

R.T.: 4.117 min
Delta R.T.: -0.008 min
Response: 102353187
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

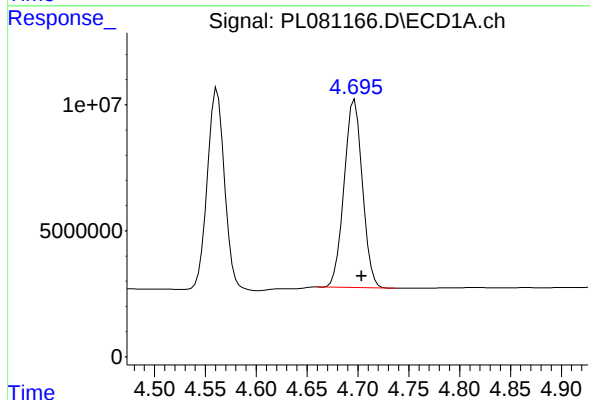
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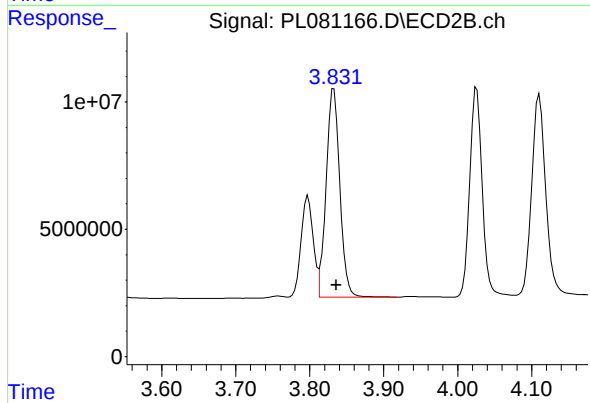
#3 gamma-BHC (Lindane)

R.T.: 3.499 min
Delta R.T.: -0.004 min
Response: 110753082
Conc: 50.12 ng/ml



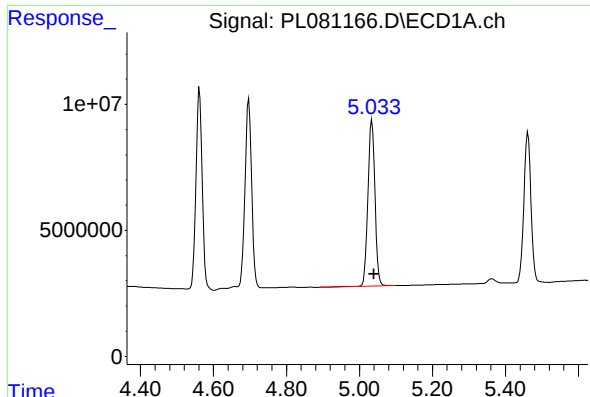
#4 Heptachlor

R.T.: 4.697 min
Delta R.T.: -0.007 min
Response: 93416317
Conc: 57.48 ng/ml



#4 Heptachlor

R.T.: 3.833 min
Delta R.T.: -0.003 min
Response: 105414775
Conc: 52.10 ng/ml



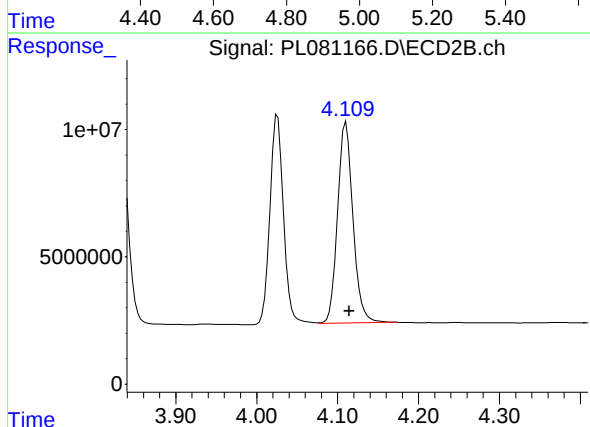
#5 Aldrin

R.T.: 5.034 min
Delta R.T.: -0.006 min
Response: 88536013
Conc: 59.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

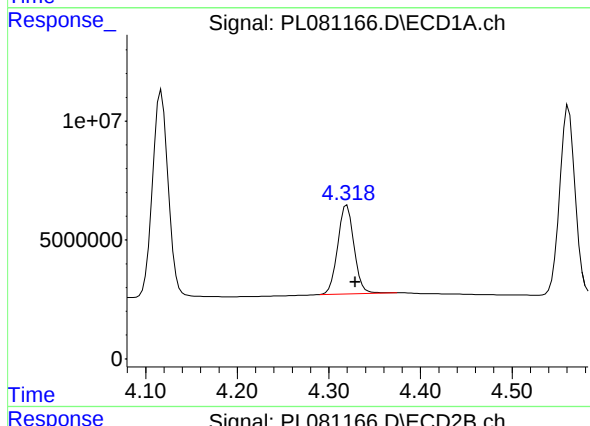
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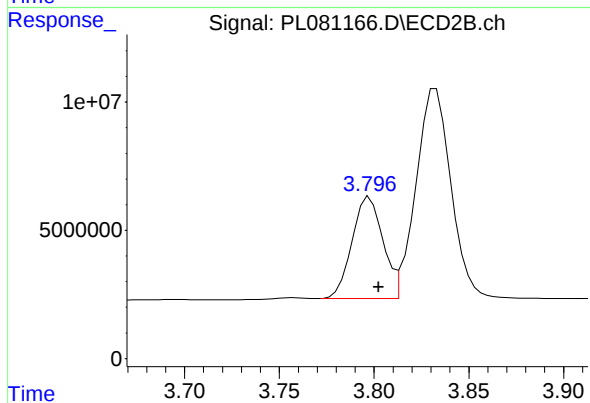
#5 Aldrin

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 104619229
Conc: 51.45 ng/ml



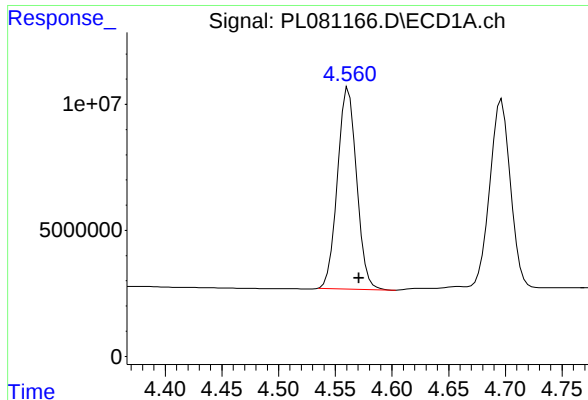
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: -0.009 min
Response: 46355962
Conc: 56.05 ng/ml



#6 beta-BHC

R.T.: 3.798 min
Delta R.T.: -0.005 min
Response: 44913326
Conc: 50.51 ng/ml



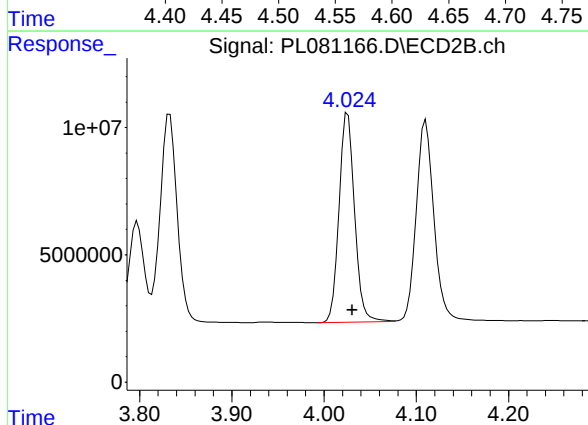
#7 delta-BHC

R.T.: 4.562 min
Delta R.T.: -0.010 min
Response: 93828855
Conc: 55.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

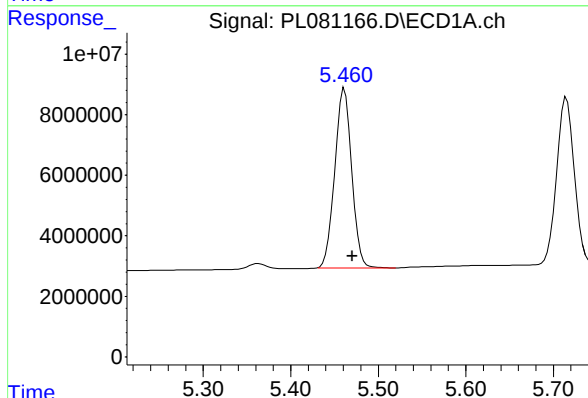
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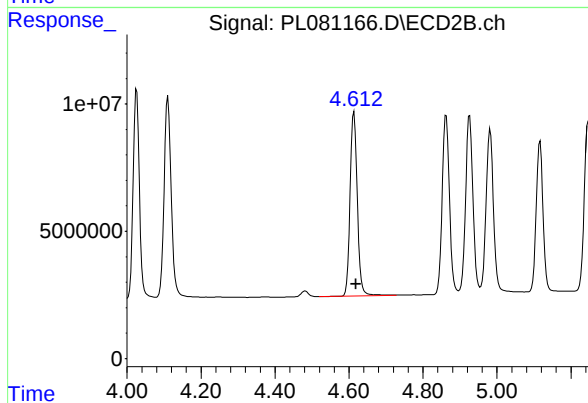
#7 delta-BHC

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 96122628
Conc: 50.27 ng/ml



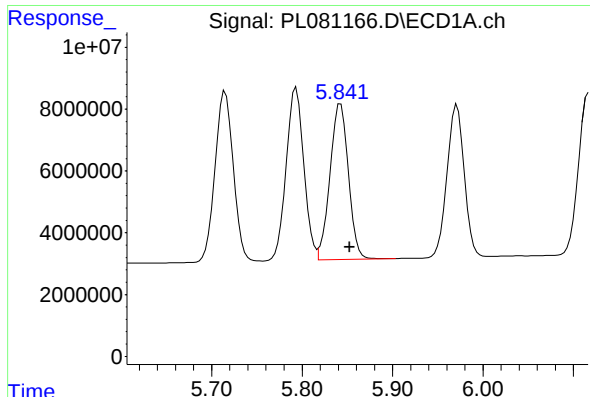
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: -0.009 min
Response: 79965827
Conc: 57.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.613 min
Delta R.T.: -0.005 min
Response: 98057867
Conc: 55.07 ng/ml



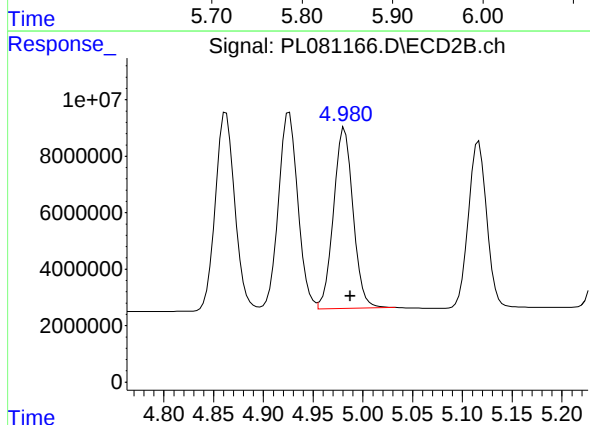
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: -0.010 min
Response: 71409137
Conc: 58.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

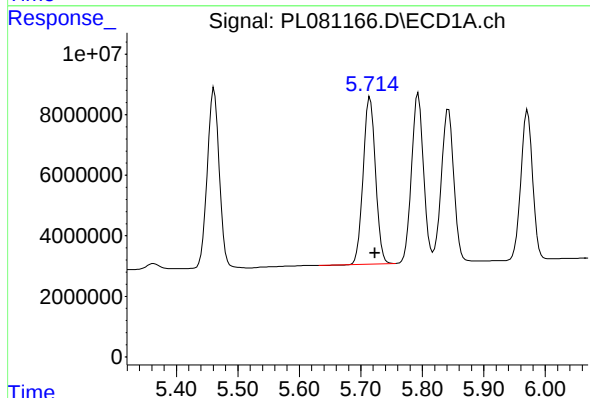
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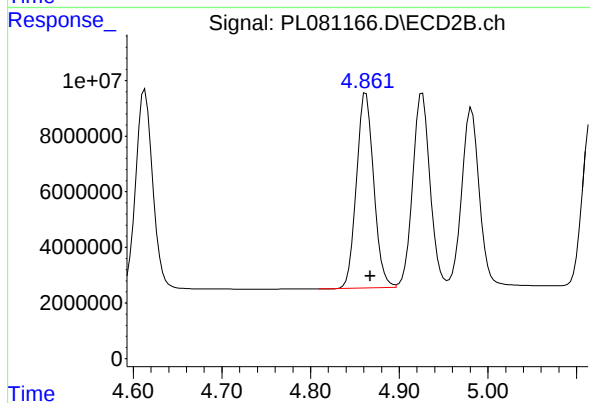
#9 Endosulfan I

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 87531197
Conc: 55.74 ng/ml



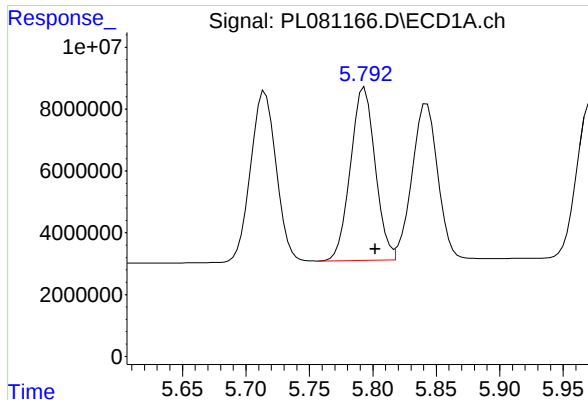
#10 gamma-Chlordane

R.T.: 5.715 min
Delta R.T.: -0.008 min
Response: 77014992
Conc: 58.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.863 min
Delta R.T.: -0.005 min
Response: 95105507
Conc: 54.08 ng/ml



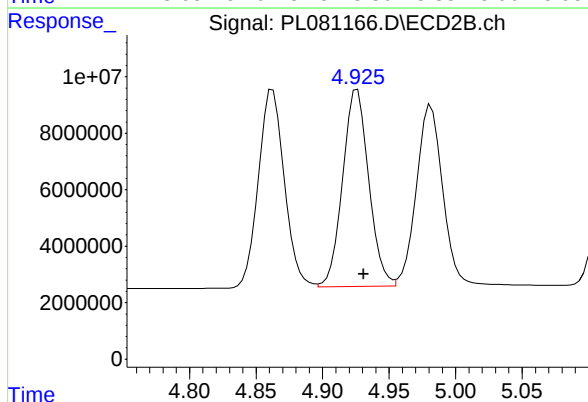
#11 alpha-Chlordane

R.T.: 5.793 min
Delta R.T.: -0.009 min
Response: 75923137
Conc: 59.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

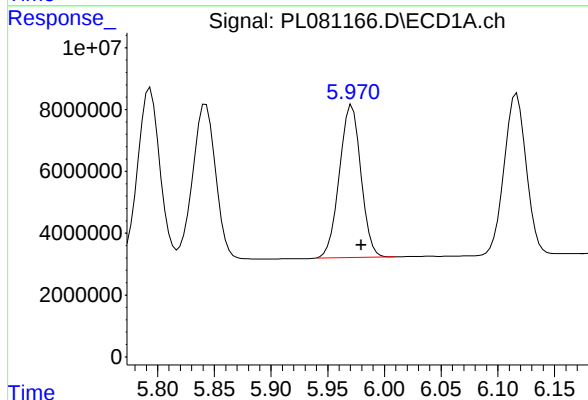
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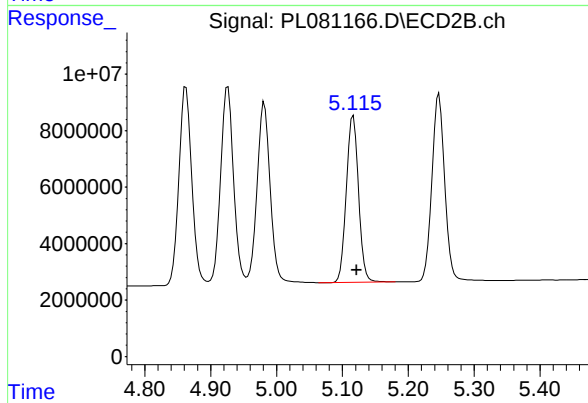
#11 alpha-Chlordane

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 95092498
Conc: 55.39 ng/ml



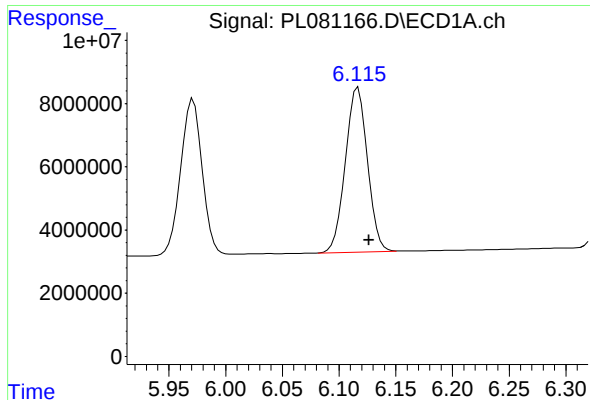
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 64894379
Conc: 56.24 ng/ml



#12 4,4'-DDE

R.T.: 5.116 min
Delta R.T.: -0.005 min
Response: 75543914
Conc: 55.08 ng/ml



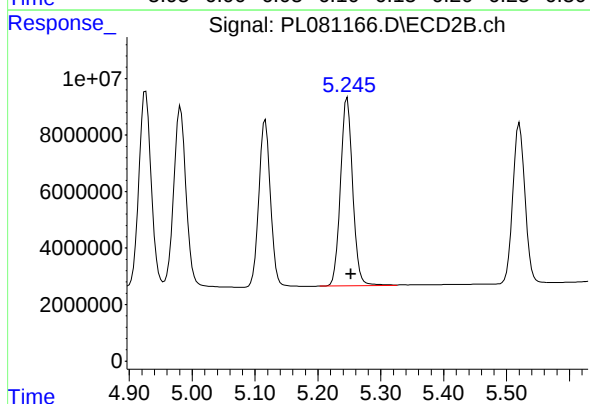
#13 Dieldrin

R.T.: 6.115 min
Delta R.T.: -0.011 min
Response: 70955160
Conc: 56.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

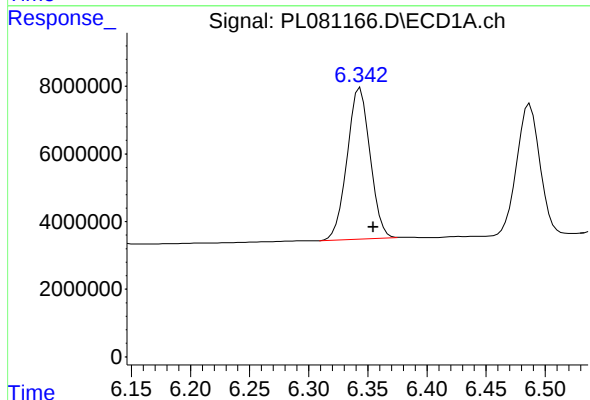
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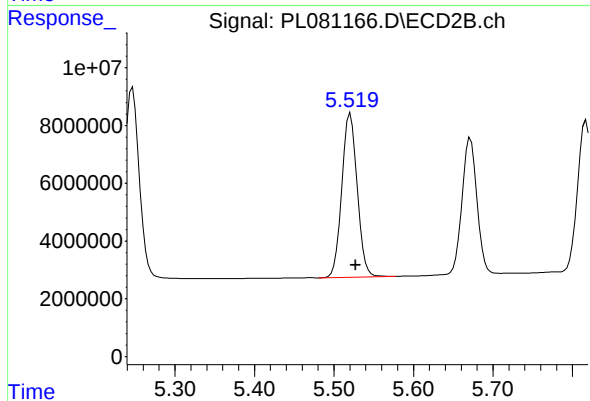
#13 Dieldrin

R.T.: 5.247 min
Delta R.T.: -0.006 min
Response: 90032819
Conc: 56.14 ng/ml



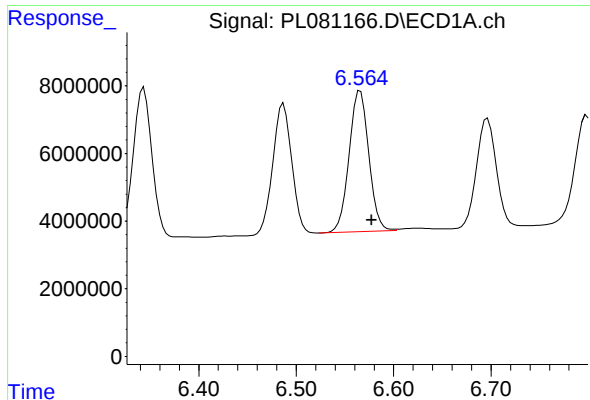
#14 Endrin

R.T.: 6.342 min
Delta R.T.: -0.012 min
Response: 60468113
Conc: 54.29 ng/ml m



#14 Endrin

R.T.: 5.521 min
Delta R.T.: -0.007 min
Response: 76267964
Conc: 56.91 ng/ml



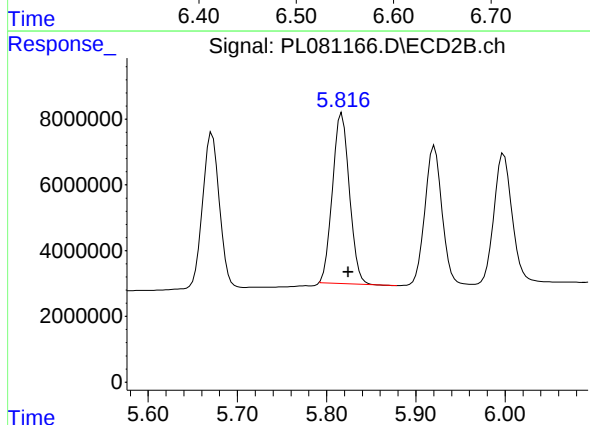
#15 Endosulfan II

R.T.: 6.566 min
Delta R.T.: -0.012 min
Response: 58536448
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
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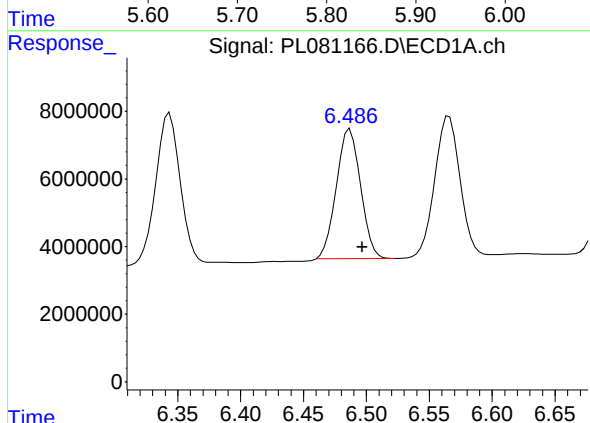
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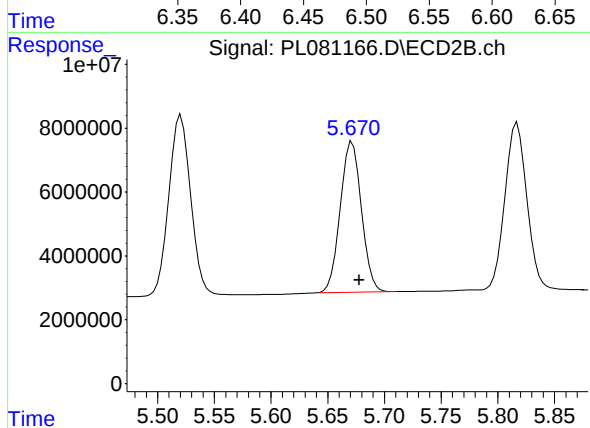
#15 Endosulfan II

R.T.: 5.817 min
Delta R.T.: -0.007 min
Response: 68449149
Conc: 59.24 ng/ml



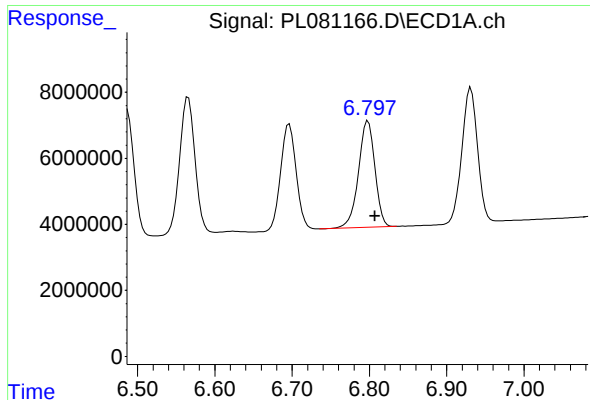
#16 4,4'-DDD

R.T.: 6.487 min
Delta R.T.: -0.010 min
Response: 51229143
Conc: 53.51 ng/ml



#16 4,4'-DDD

R.T.: 5.672 min
Delta R.T.: -0.006 min
Response: 61222737
Conc: 56.47 ng/ml



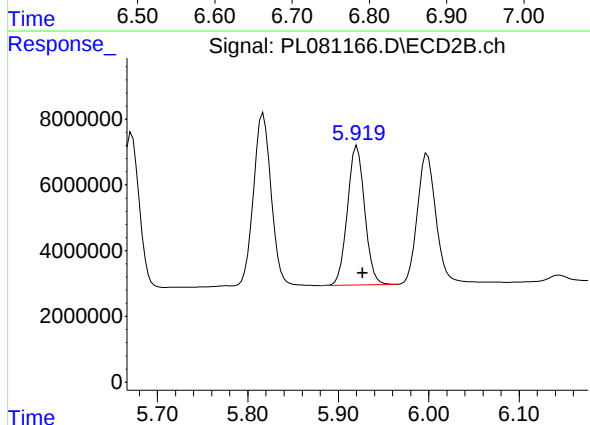
#17 4,4'-DDT

R.T.: 6.798 min
Delta R.T.: -0.009 min
Response: 47567586
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

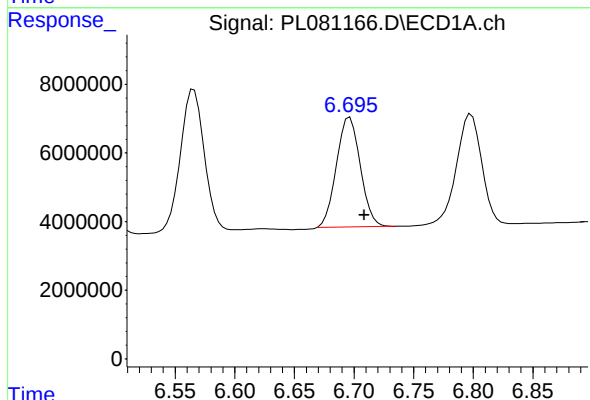
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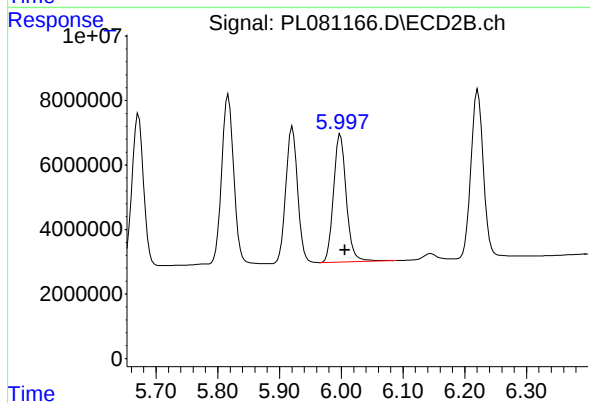
#17 4,4'-DDT

R.T.: 5.921 min
Delta R.T.: -0.006 min
Response: 56186592
Conc: 58.46 ng/ml



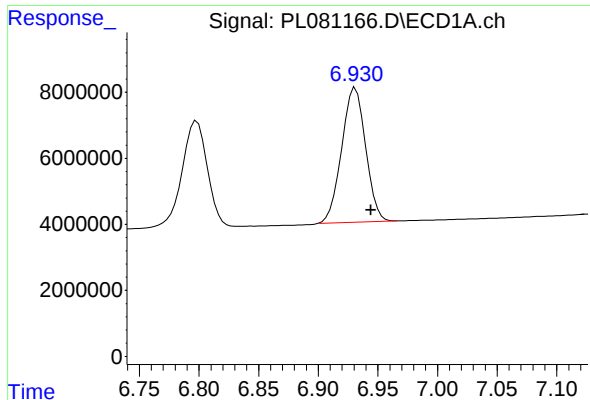
#18 Endrin aldehyde

R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 44449064
Conc: 53.06 ng/ml



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 56847359
Conc: 57.90 ng/ml



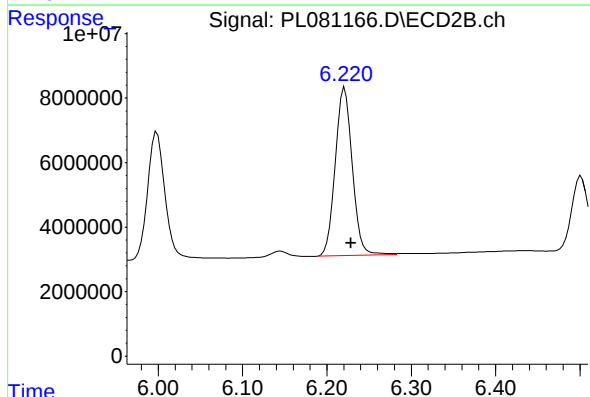
#19 Endosulfan Sulfate

R.T.: 6.931 min
Delta R.T.: -0.013 min
Response: 56951843
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

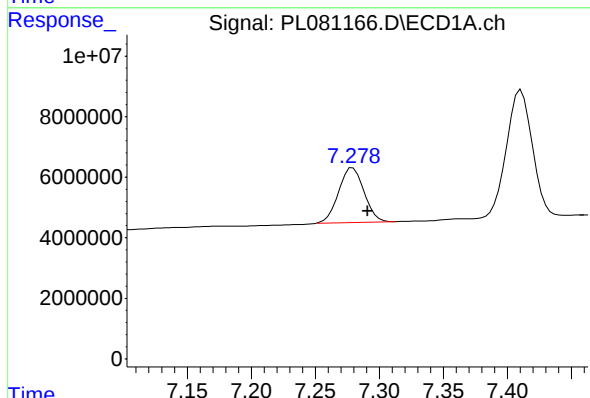
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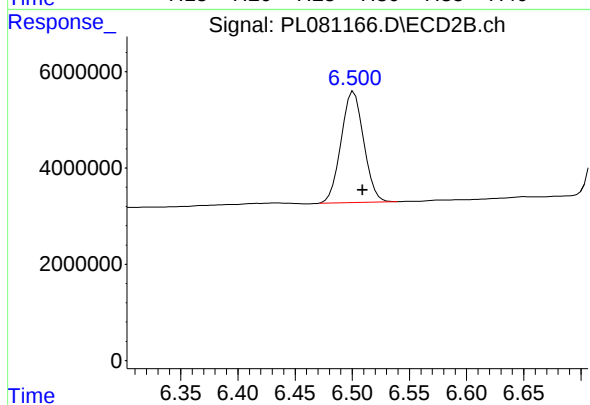
#19 Endosulfan Sulfate

R.T.: 6.221 min
Delta R.T.: -0.008 min
Response: 72724616
Conc: 58.80 ng/ml



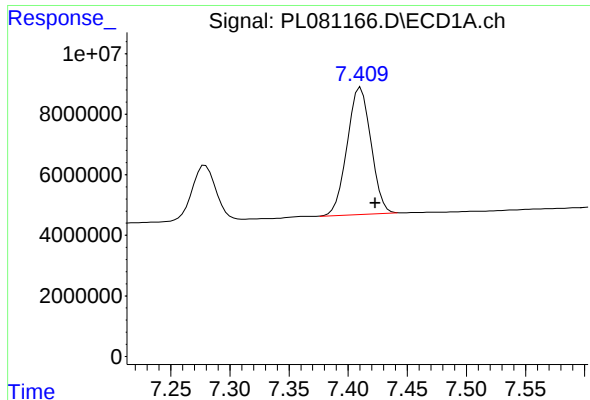
#20 Methoxychlor

R.T.: 7.279 min
Delta R.T.: -0.012 min
Response: 24941311
Conc: 53.70 ng/ml



#20 Methoxychlor

R.T.: 6.501 min
Delta R.T.: -0.008 min
Response: 31855508
Conc: 63.42 ng/ml



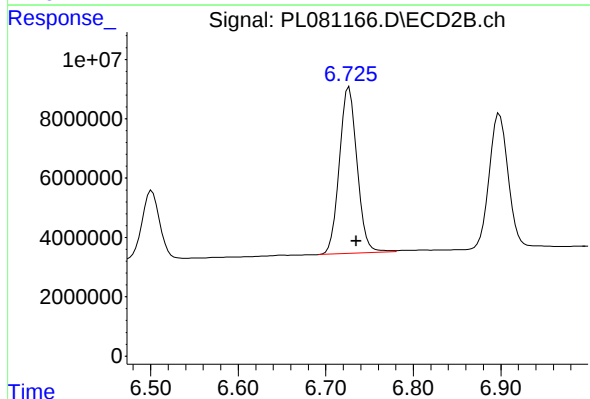
#21 Endrin ketone

R.T.: 7.409 min
Delta R.T.: -0.014 min
Response: 58940332
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

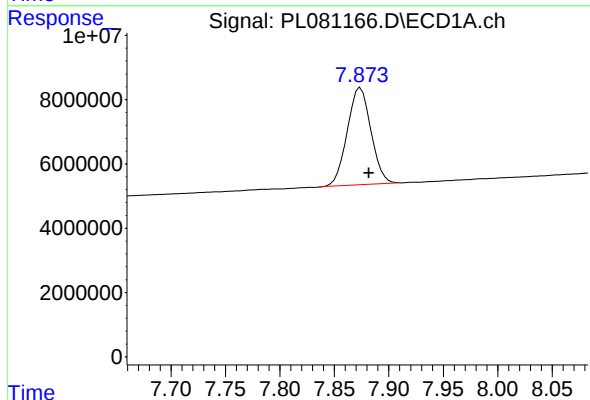
Manual Integrations
APPROVED

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



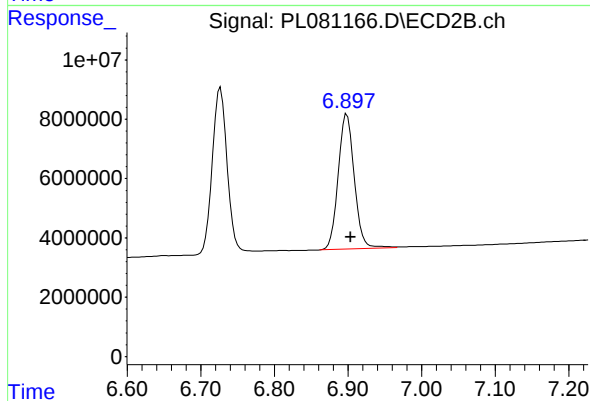
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 79001617
Conc: 59.21 ng/ml



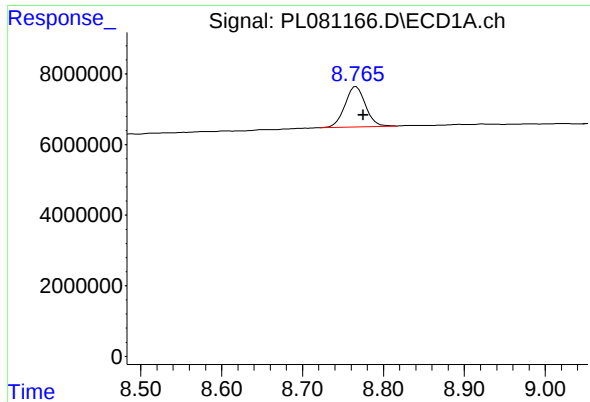
#22 Mirex

R.T.: 7.873 min
Delta R.T.: -0.009 min
Response: 45744090
Conc: 52.99 ng/ml m



#22 Mirex

R.T.: 6.898 min
Delta R.T.: -0.005 min
Response: 69208077
Conc: 61.51 ng/ml



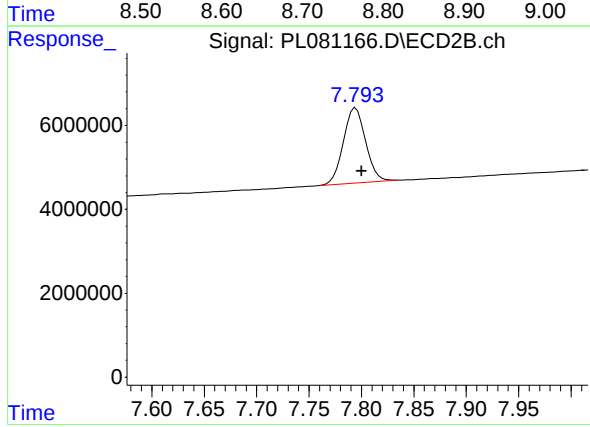
#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: -0.009 min
Response: 20083848
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151103BS

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#28 Decachlorobiphenyl

R.T.: 7.794 min
Delta R.T.: -0.006 min
Response: 26486453
Conc: 23.78 ng/ml