

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
 Data File : PL081414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 17:31
 Operator : AR\AJ
 Sample : 01853-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20230163-COMPOSITE-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2023
 Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 21:28:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.332	2.662	39402171	33248493	18.237	16.429
28) SA Decachlor...	8.758	7.785	20506681	24605129	13.451	12.845
Target Compounds						
2) A alpha-BHC	3.782	3.163	139.1E6	125.4E6	43.710	42.789
3) MA gamma-BHC...	4.111	3.491	138.4E6	127.3E6	46.789	46.290
4) MA Heptachlor	4.690	3.825	127.5E6	124.8E6	46.202	45.242
5) MB Aldrin	5.028	4.102	122.4E6	123.7E6	48.114	47.169
6) B beta-BHC	4.313	3.790	60747212	52427158	44.132	45.171
7) B delta-BHC	4.554	4.017	110.9E6	98019273	39.900	38.490
8) B Heptachlo...	5.453	4.605	110.5E6	110.7E6	46.821	45.785
9) A Endosulfan I	5.834	4.973	100.2E6	102.3E6	47.425	45.207
10) B gamma-Chl...	5.708	4.854	112.4E6	113.0E6	49.257	46.170
11) B alpha-Chl...	5.786	4.917	105.6E6	126.1E6	46.872	51.496
12) B 4,4'-DDE	5.964	5.108	94076434	90464264	48.082	46.088
13) MA Dieldrin	6.109	5.238	100.3E6	110.6E6	47.932	49.070
14) MA Endrin	6.337	5.512	92099564	91912343	50.674	45.736
15) B Endosulfa...	6.558	5.808	83968213	93151367	48.161	50.524
16) A 4,4'-DDD	6.480	5.663	75061046	71804713	48.761	46.806
17) MA 4,4'-DDT	6.791	5.912	83031703	88173607	52.310	54.960
18) B Endrin al...	6.687	5.989	72198987	77427784	50.441m	51.106
19) B Endosulfa...	6.923	6.212	81545853	87201378	45.417	45.369
20) A Methoxychlor	7.273	6.492	44391491	46342701	51.536	49.933
21) B Endrin ke...	7.402	6.717	89333755	99642359	49.247	46.279
22) Mirex	7.867	6.889	68929085	88450099	47.240	45.957

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
Data File : PL081414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 17:31
Operator : AR\AJ
Sample : 01853-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

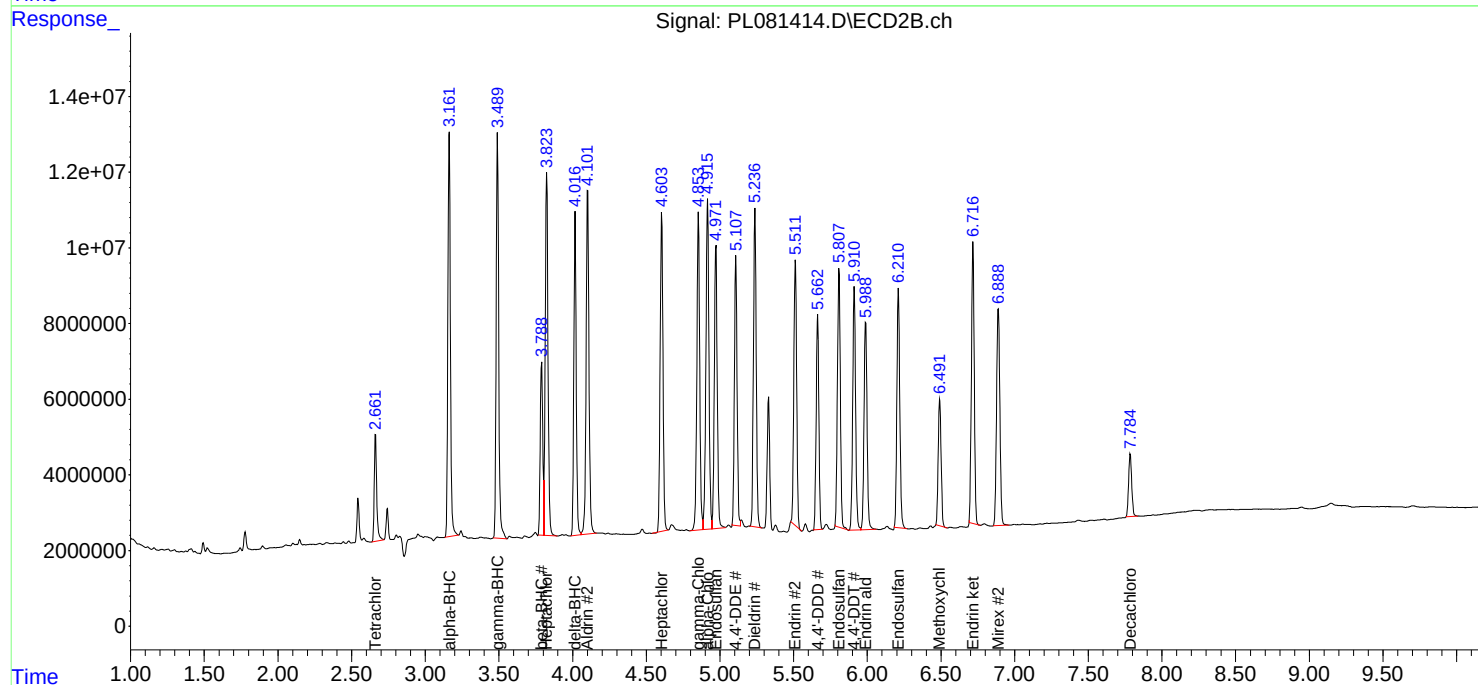
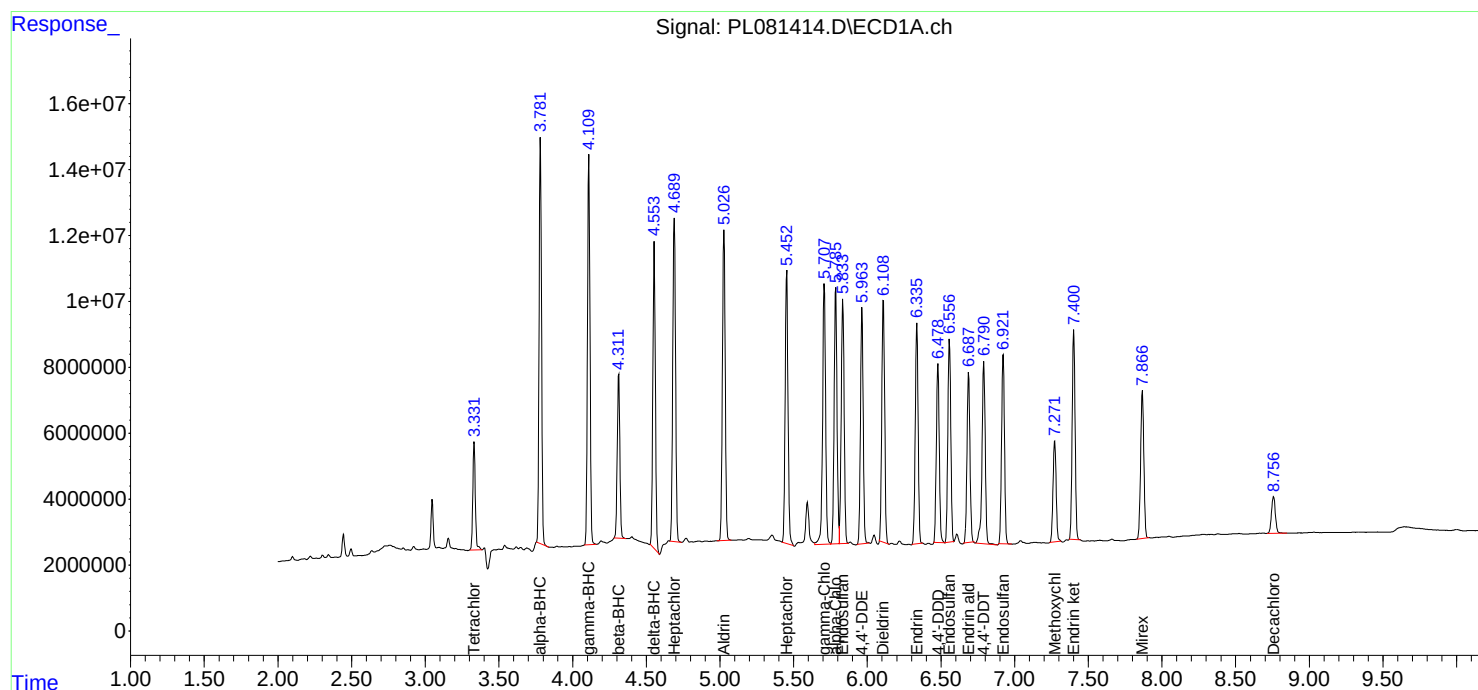
Instrument :
ECD_L
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20230163-COMPOSITE-2MSD

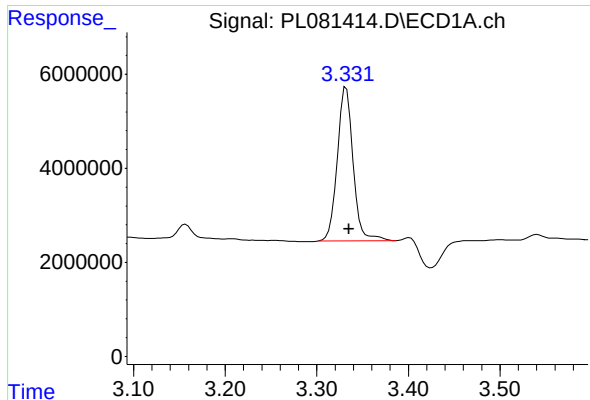
Manual Integrations
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Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 21:28:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
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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





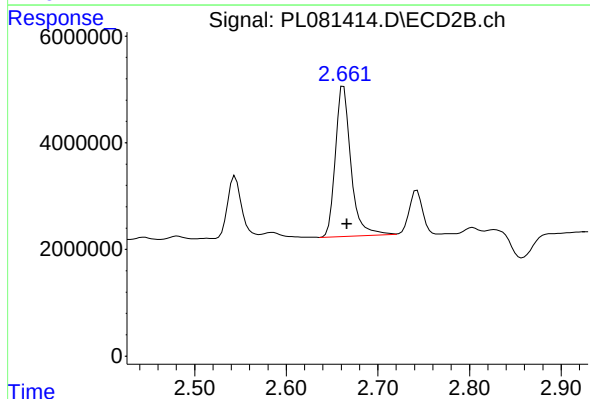
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 39402171
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

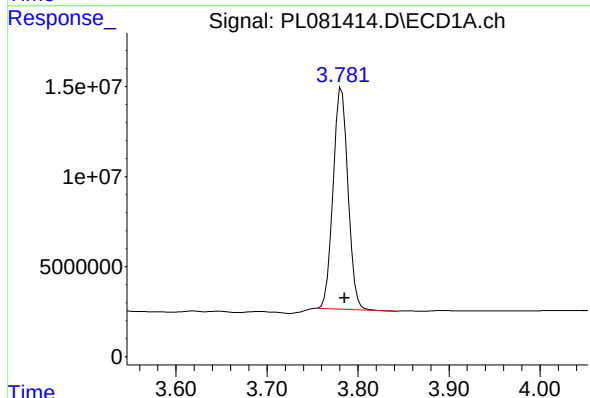
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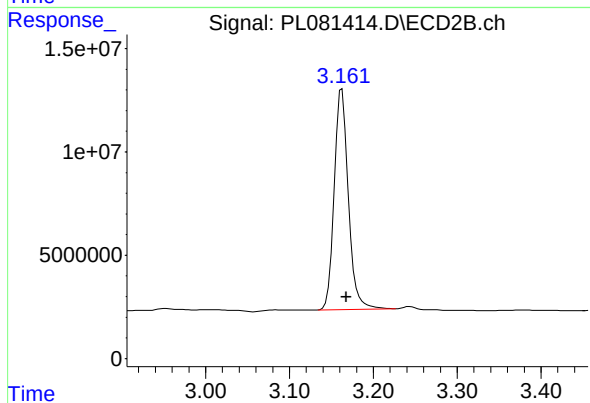
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 33248493
Conc: 16.43 ng/ml



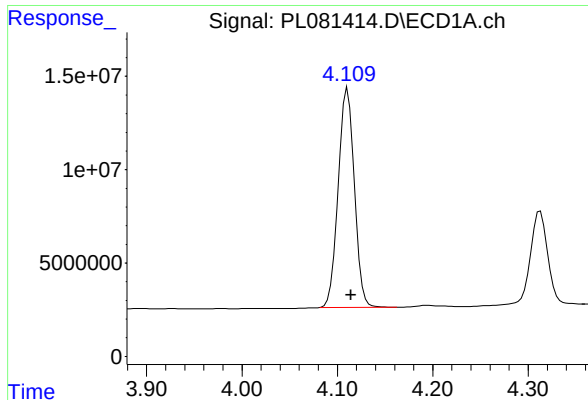
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 139054677
Conc: 43.71 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.005 min
Response: 125399487
Conc: 42.79 ng/ml



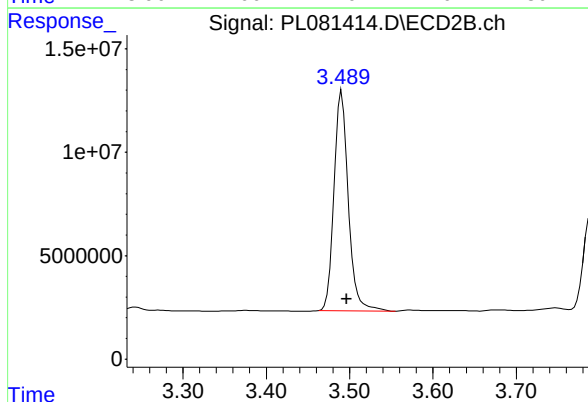
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.004 min
Response: 138428044
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

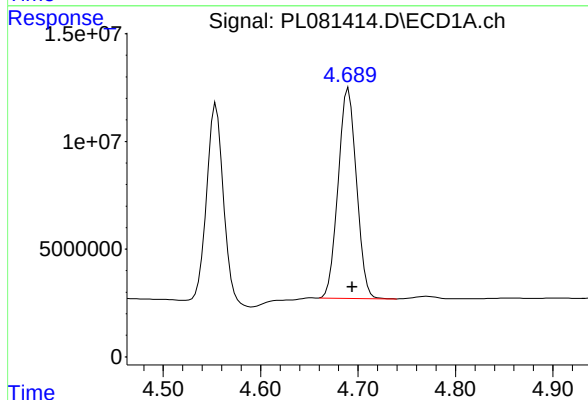
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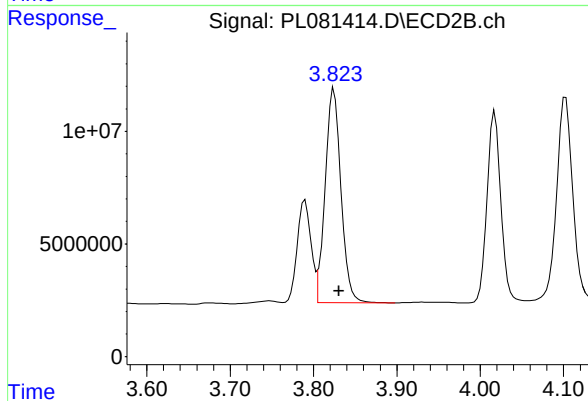
#3 gamma-BHC (Lindane)

R.T.: 3.491 min
Delta R.T.: -0.006 min
Response: 127347271
Conc: 46.29 ng/ml



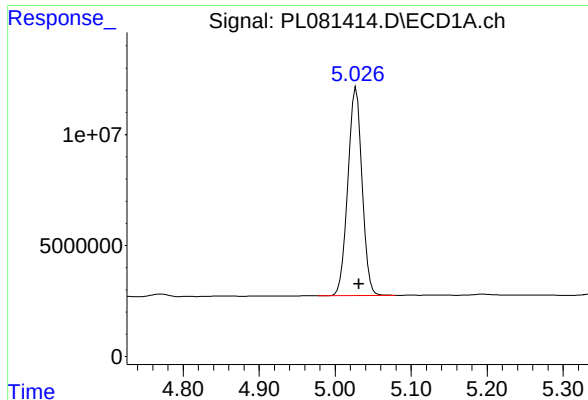
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 127489910
Conc: 46.20 ng/ml



#4 Heptachlor

R.T.: 3.825 min
Delta R.T.: -0.006 min
Response: 124845646
Conc: 45.24 ng/ml



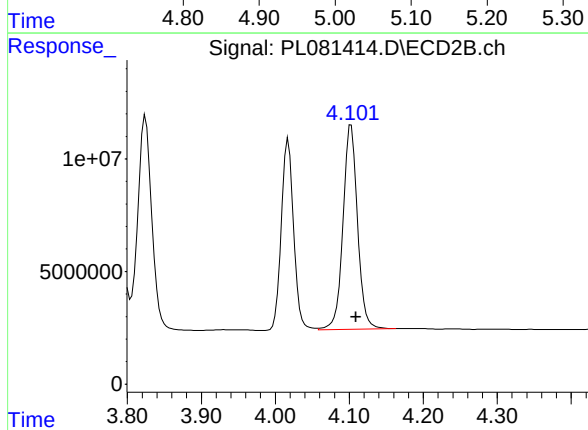
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: -0.004 min
Response: 122407997
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

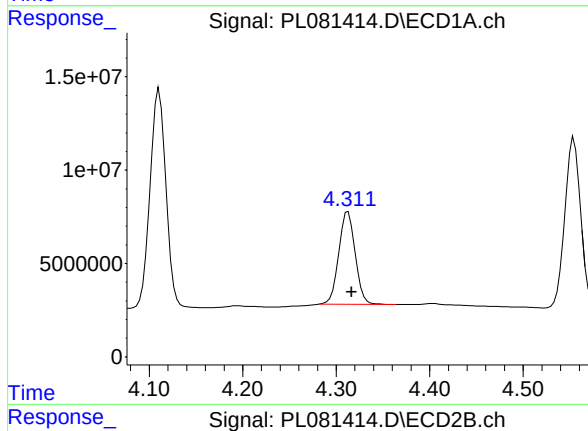
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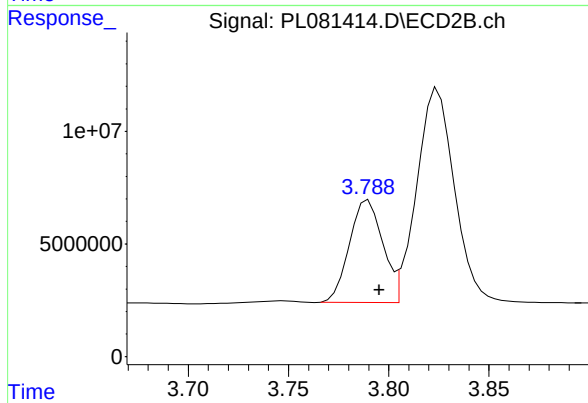
#5 Aldrin

R.T.: 4.102 min
Delta R.T.: -0.006 min
Response: 123663985
Conc: 47.17 ng/ml



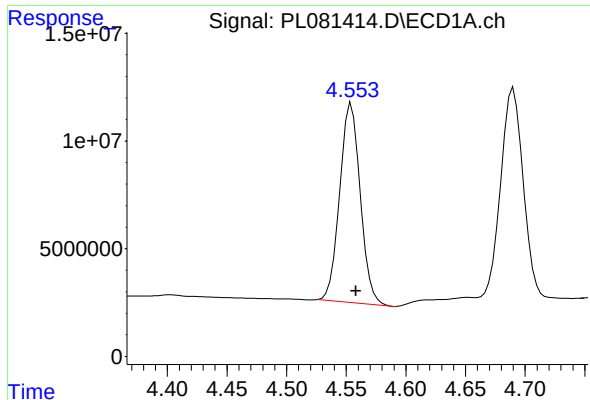
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 60747212
Conc: 44.13 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.005 min
Response: 52427158
Conc: 45.17 ng/ml



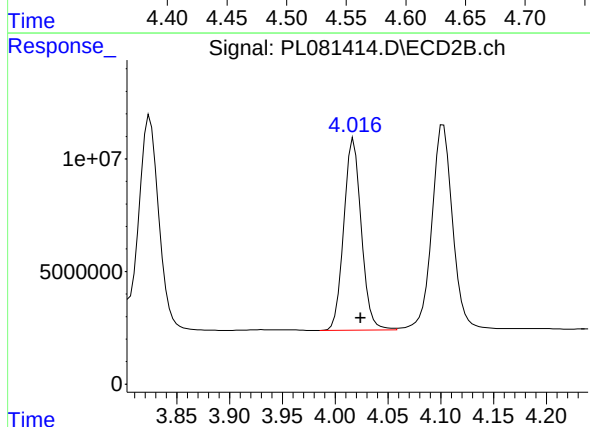
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 110890403
Conc: 39.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

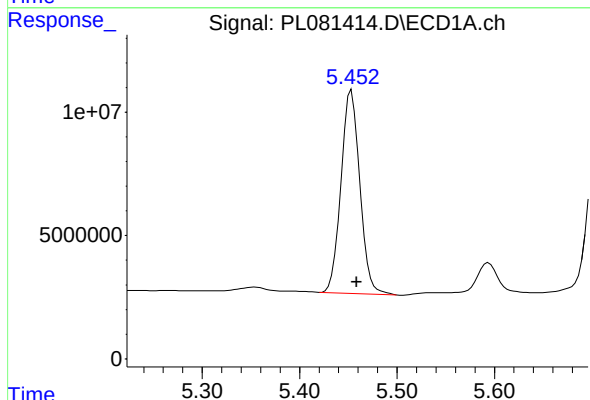
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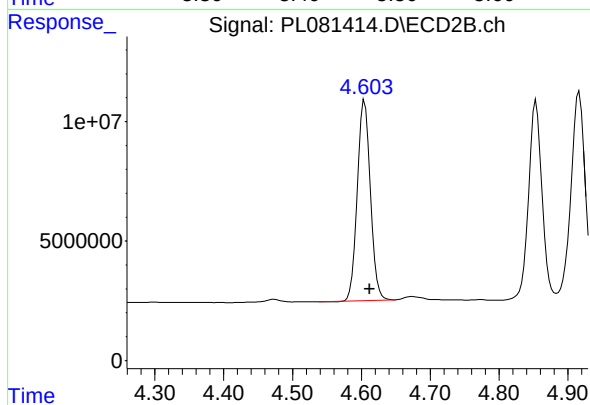
#7 delta-BHC

R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 98019273
Conc: 38.49 ng/ml



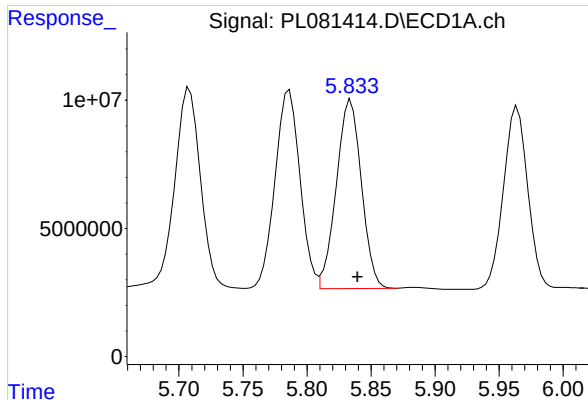
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 110498751
Conc: 46.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.007 min
Response: 110712135
Conc: 45.78 ng/ml



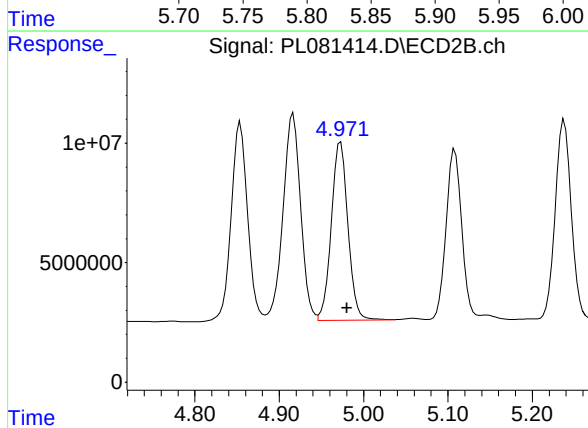
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.005 min
Response: 100195938
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

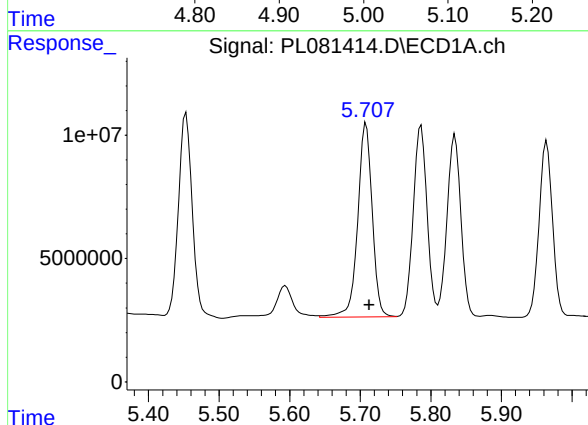
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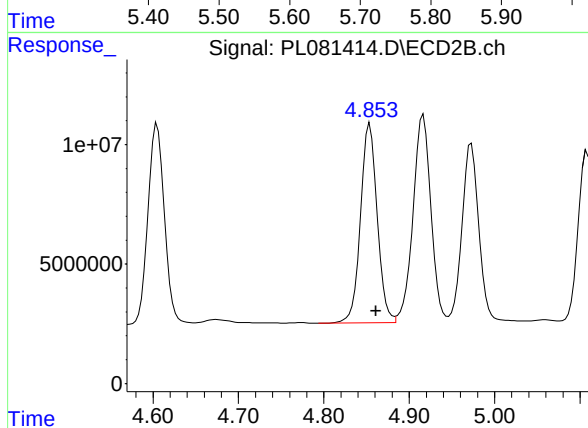
#9 Endosulfan I

R.T.: 4.973 min
Delta R.T.: -0.007 min
Response: 102332497
Conc: 45.21 ng/ml



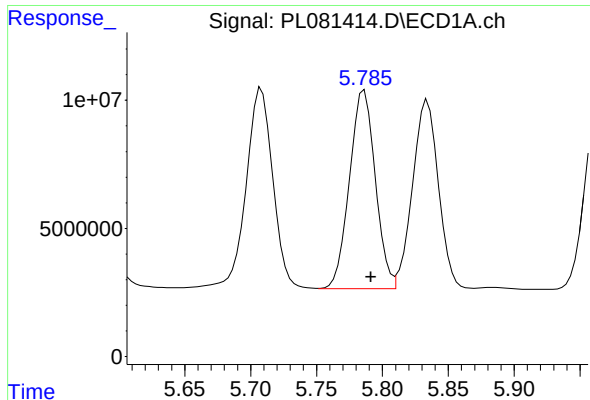
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 112400712
Conc: 49.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 113013027
Conc: 46.17 ng/ml



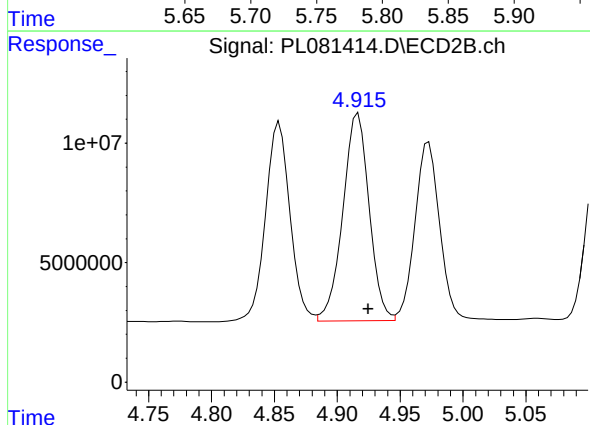
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 105599097
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

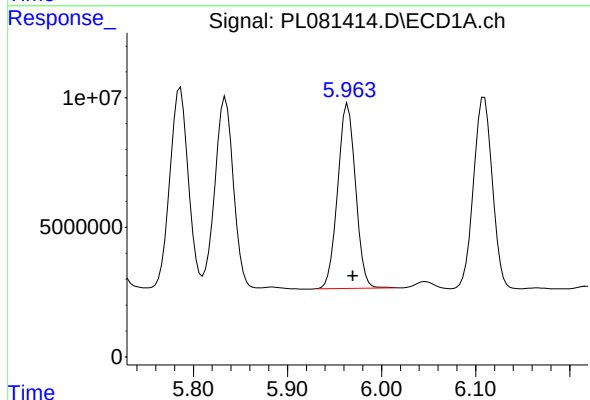
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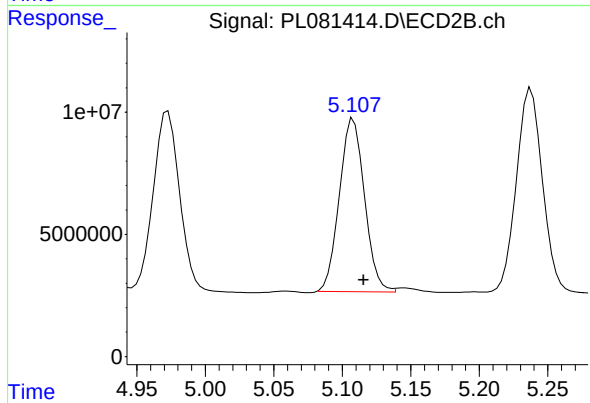
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 126091428
Conc: 51.50 ng/ml



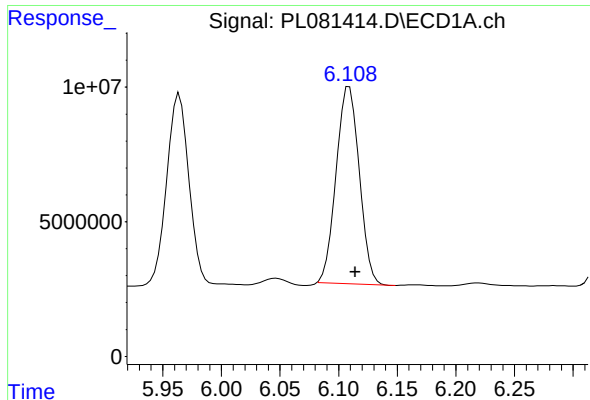
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 94076434
Conc: 48.08 ng/ml



#12 4,4'-DDE

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 90464264
Conc: 46.09 ng/ml



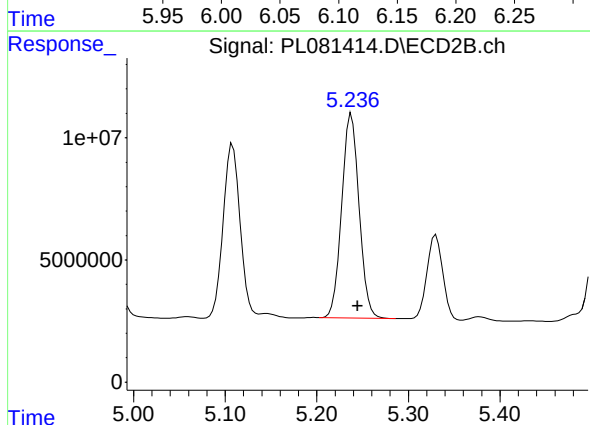
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 100322172
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

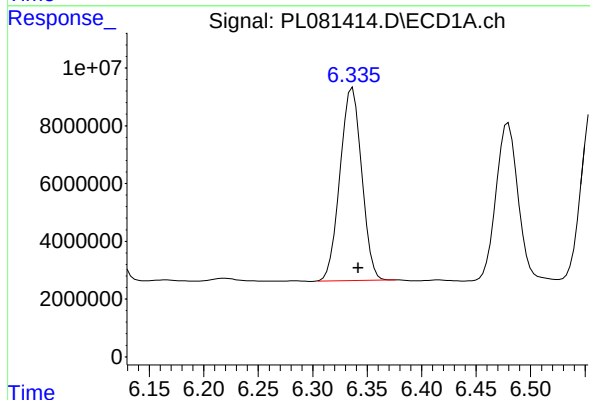
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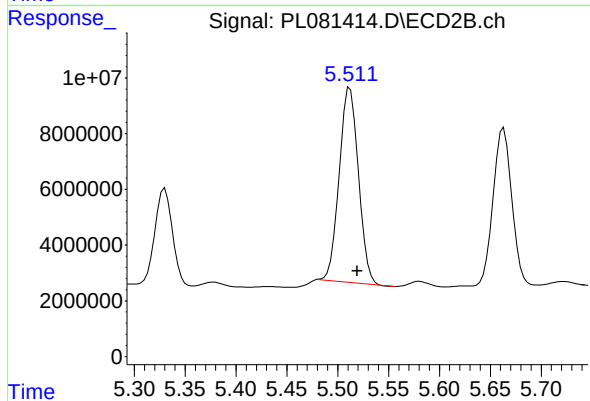
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 110621915
Conc: 49.07 ng/ml



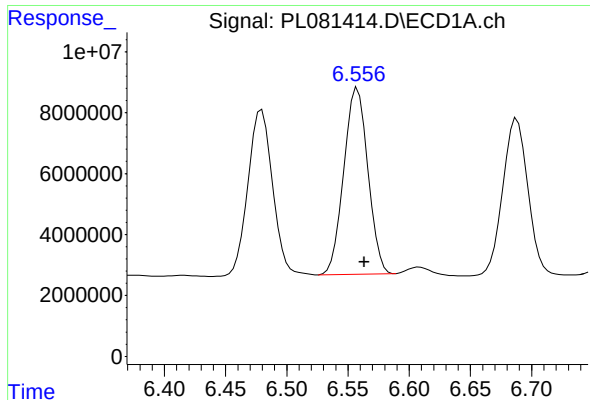
#14 Endrin

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 92099564
Conc: 50.67 ng/ml



#14 Endrin

R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 91912343
Conc: 45.74 ng/ml



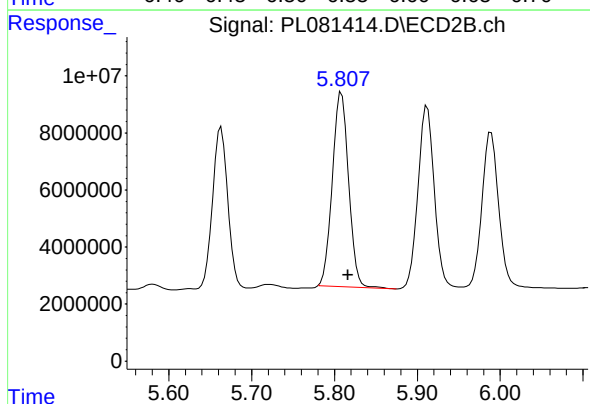
#15 Endosulfan II

R.T.: 6.558 min
Delta R.T.: -0.005 min
Response: 83968213
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

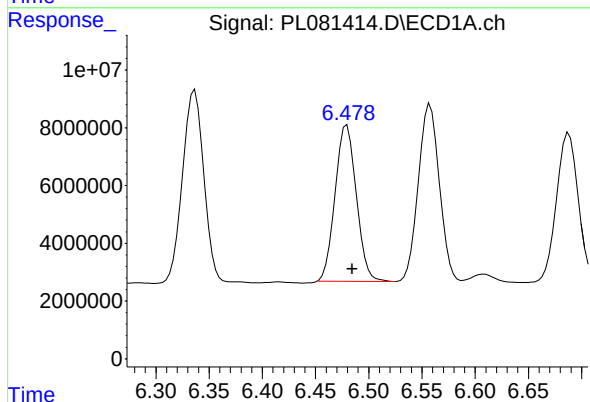
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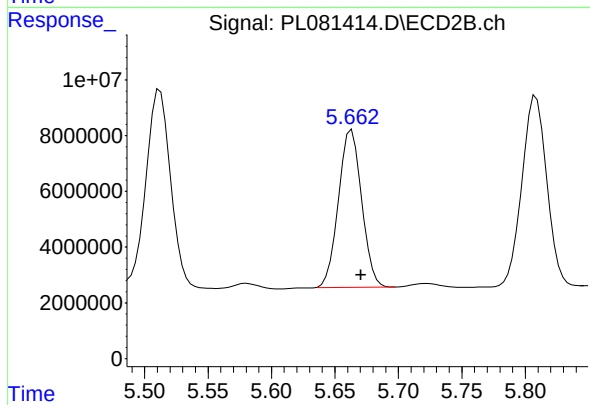
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 93151367
Conc: 50.52 ng/ml



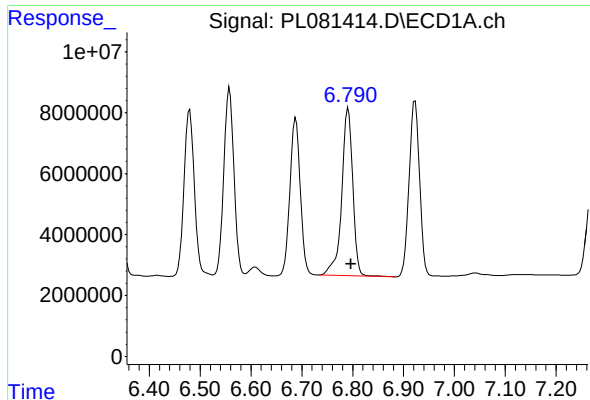
#16 4,4'-DDD

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 75061046
Conc: 48.76 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.007 min
Response: 71804713
Conc: 46.81 ng/ml



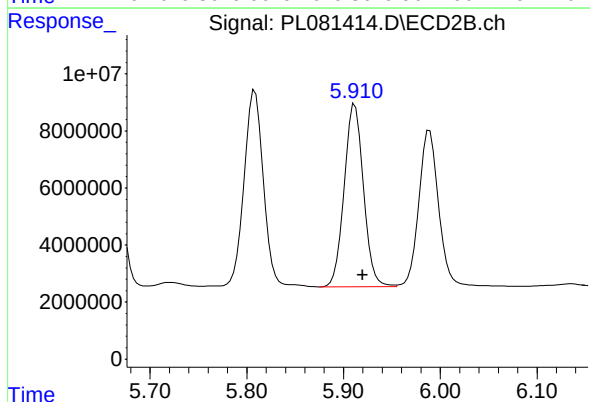
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 83031703
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

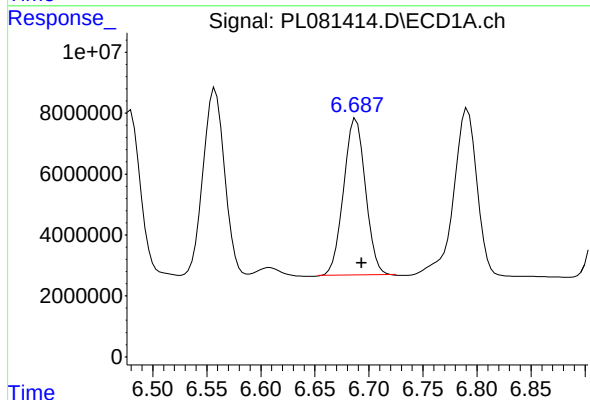
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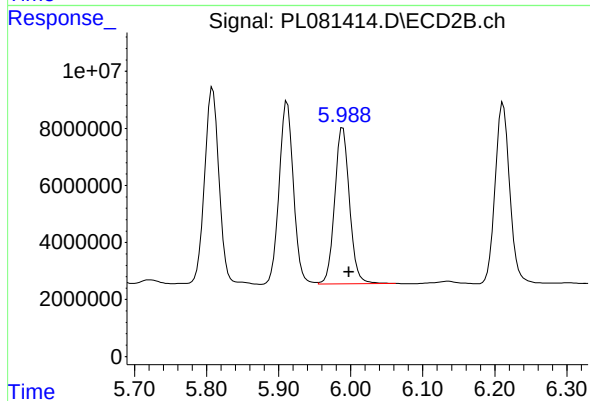
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 88173607
Conc: 54.96 ng/ml



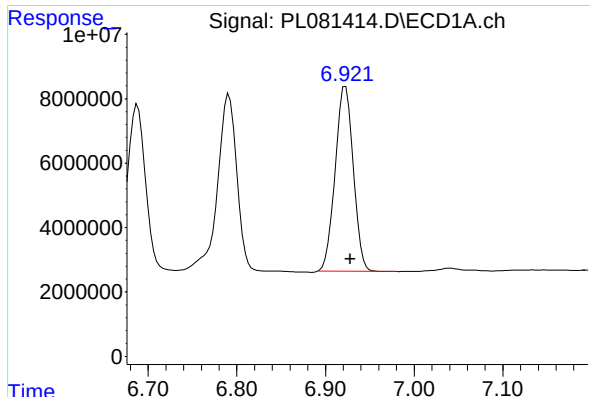
#18 Endrin aldehyde

R.T.: 6.687 min
Delta R.T.: -0.007 min
Response: 72198987
Conc: 50.44 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 77427784
Conc: 51.11 ng/ml



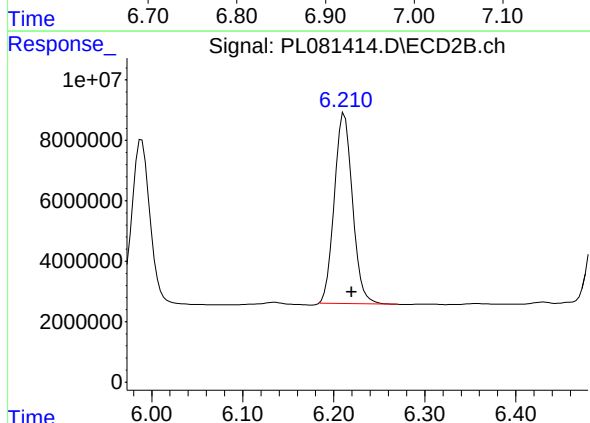
#19 Endosulfan Sulfate

R.T.: 6.923 min
Delta R.T.: -0.006 min
Response: 81545853
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

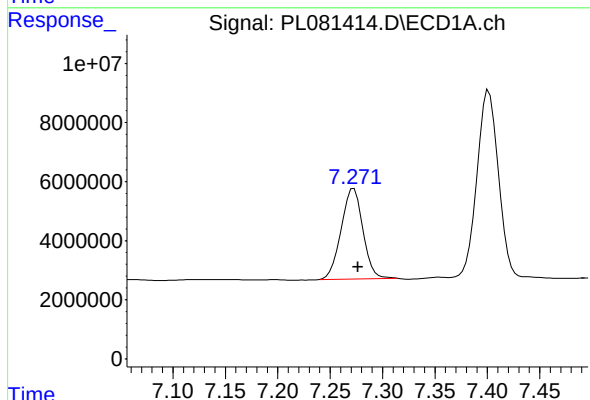
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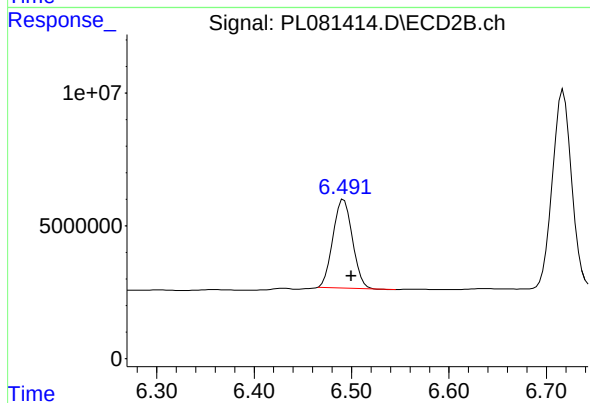
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 87201378
Conc: 45.37 ng/ml



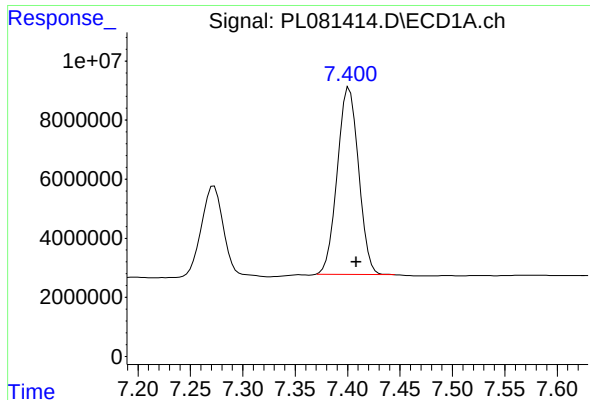
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 44391491
Conc: 51.54 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 46342701
Conc: 49.93 ng/ml



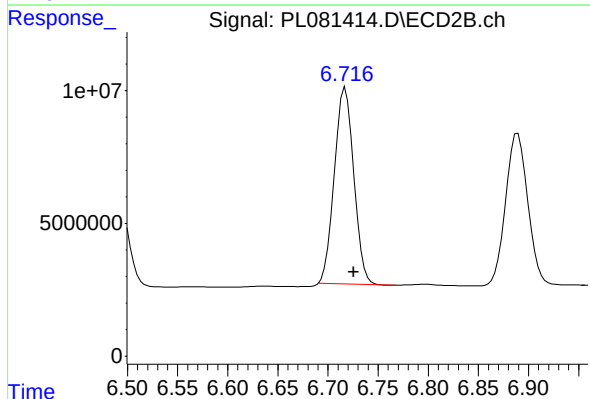
#21 Endrin ketone

R.T.: 7.402 min
Delta R.T.: -0.007 min
Response: 89333755
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

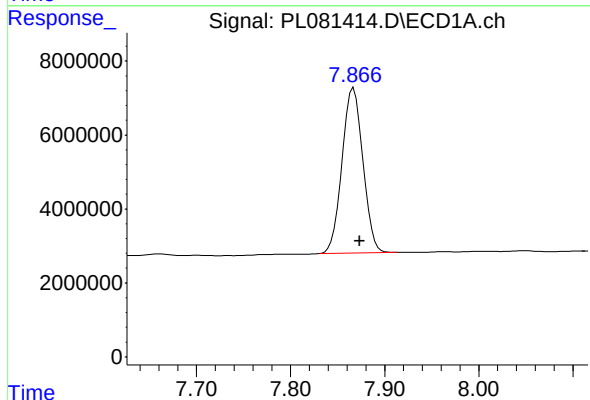
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2023
Supervised By :Ankita Jodhani 03/13/2023



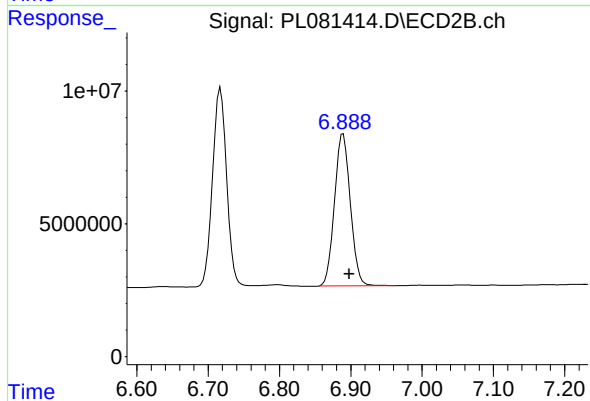
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 99642359
Conc: 46.28 ng/ml



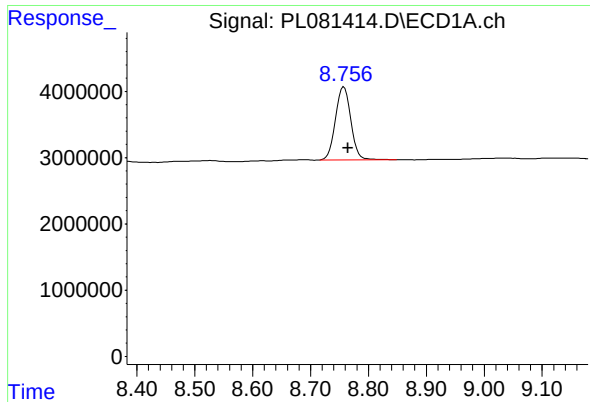
#22 Mirex

R.T.: 7.867 min
Delta R.T.: -0.006 min
Response: 68929085
Conc: 47.24 ng/ml



#22 Mirex

R.T.: 6.889 min
Delta R.T.: -0.009 min
Response: 88450099
Conc: 45.96 ng/ml



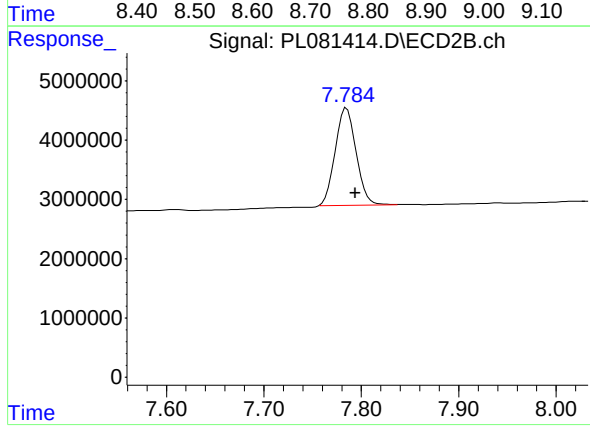
#28 Decachlorobiphenyl

R.T.: 8.758 min
Delta R.T.: -0.007 min
Response: 20506681
Conc: 13.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MSD

Manual Integrations
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Supervised By :Ankita Jodhani 03/13/2023



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 24605129
Conc: 12.85 ng/ml