

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 17:30
 Operator : AR\AJ
 Sample : PB151630BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151630BSD

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 03:07:26 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	44896073	37649874	19.303	18.861
28) SA Decachlor...	8.752	7.777	35318480	38466064	19.735	19.395
Target Compounds						
2) A alpha-BHC	3.779	3.158	159.3E6	130.1E6	46.463	44.647
3) MA gamma-BHC...	4.106	3.486	147.0E6	124.2E6	46.288m	44.611
4) MA Heptachlor	4.686	3.819	140.5E6	127.3E6	44.568	44.416
5) MB Aldrin	5.024	4.097	132.9E6	117.8E6	46.451	44.194
6) B beta-BHC	4.309	3.784	65429000	51668635	43.472	43.383
7) B delta-BHC	4.551	4.011	140.9E6	114.6E6	46.353	44.315
8) B Heptachlo...	5.449	4.596	122.9E6	110.6E6	45.168	45.526m
9) A Endosulfan I	5.830	4.966	109.3E6	99607900	44.228	45.118
10) B gamma-Chl...	5.704	4.847	118.1E6	110.9E6	45.003	45.649
11) B alpha-Chl...	5.782	4.910	116.1E6	110.2E6	44.854	45.381
12) B 4,4'-DDE	5.960	5.099	103.6E6	92671411	45.988	47.046m
13) MA Dieldrin	6.105	5.230	112.3E6	104.4E6	46.379	46.419
14) MA Endrin	6.331	5.504	95236675	94543070	45.024	46.718
15) B Endosulfa...	6.553	5.801	91925216	84977672	43.318	46.844
16) A 4,4'-DDD	6.475	5.655	88191817	76345954	48.901	50.309
17) MA 4,4'-DDT	6.787	5.904	86329863	77658981	42.535	45.065
18) B Endrin al...	6.683	5.981	73921039	69327734	45.181	44.642
19) B Endosulfa...	6.918	6.203	92518149	89540739	44.394	46.020
20) A Methoxychlor	7.265	6.484	46631040	43595209	43.301m	43.769
21) B Endrin ke...	7.397	6.709	95603019	99214230	45.641	46.427
22) Mirex	7.862	6.881	73553907	81072641	42.932	42.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032232\
Data File : PL081682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2023 17:30
Operator : AR\AJ
Sample : PB151630BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

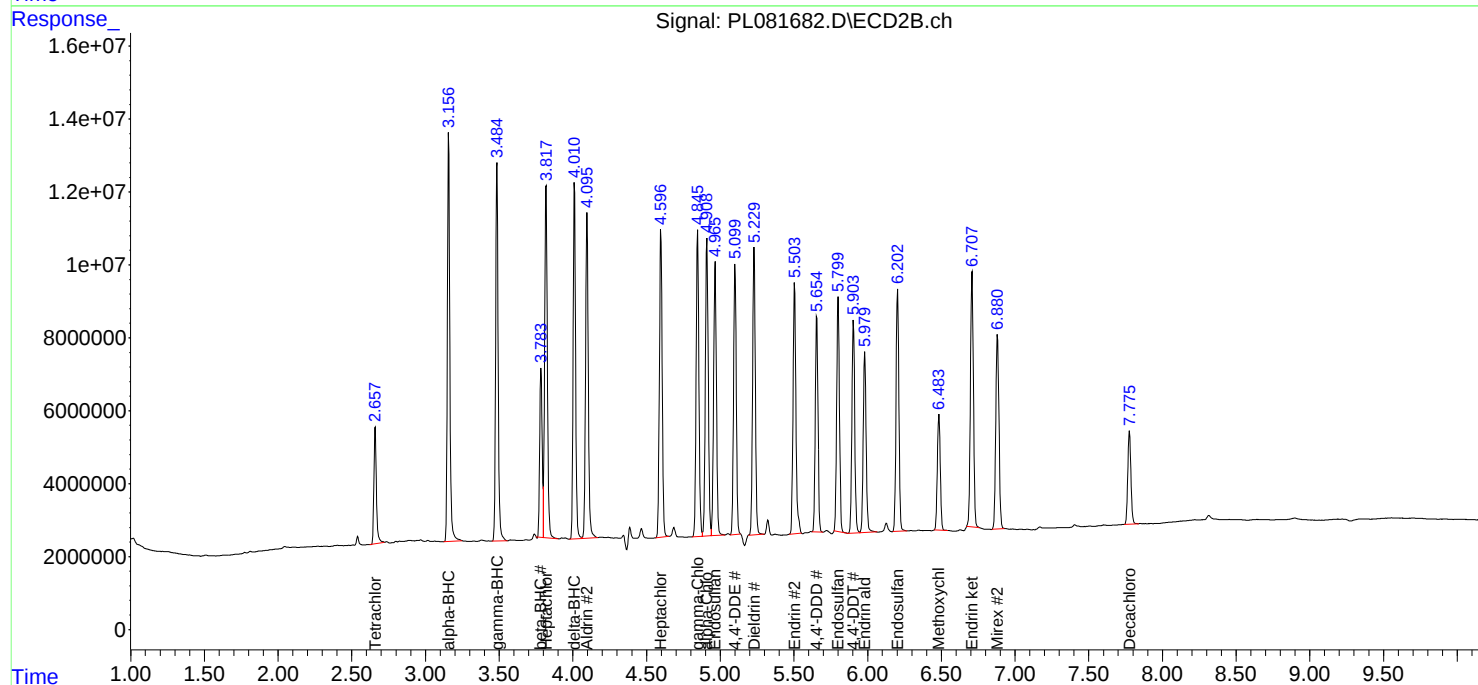
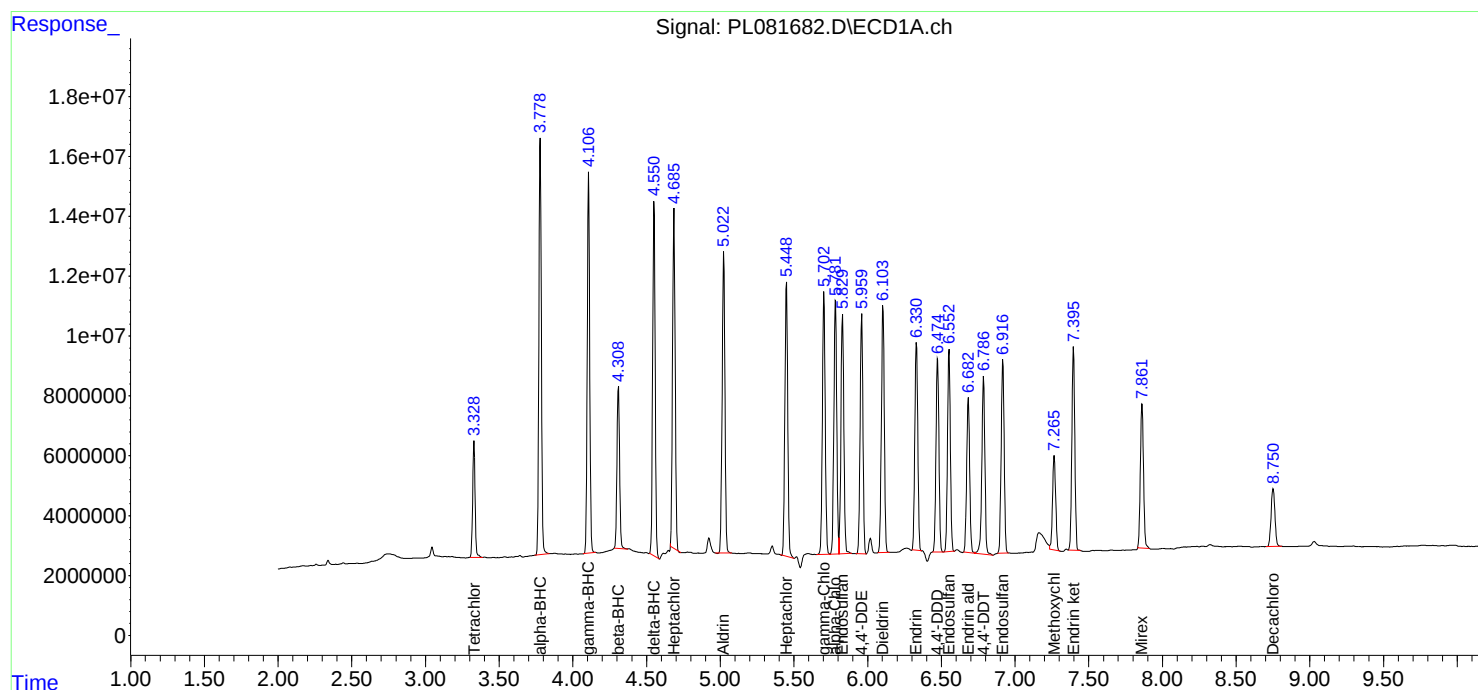
Instrument :
ECD_L
ClientSampleId :
PB151630BSD

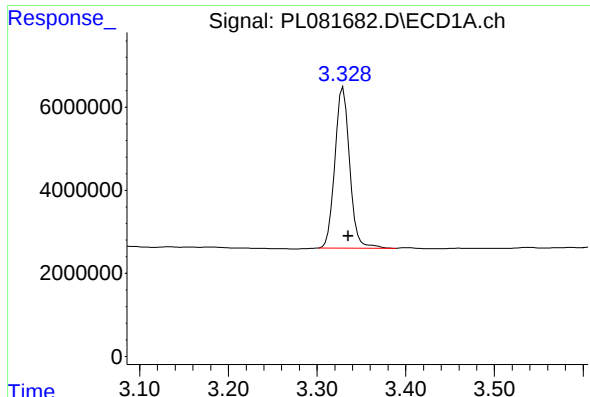
Manual Integrations
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Supervised By :Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 03:07:26 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





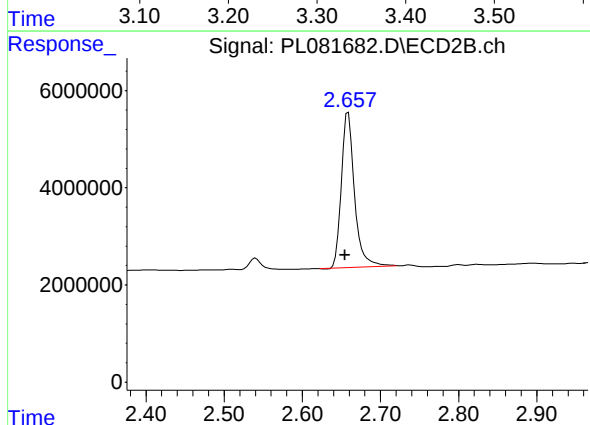
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 44896073
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

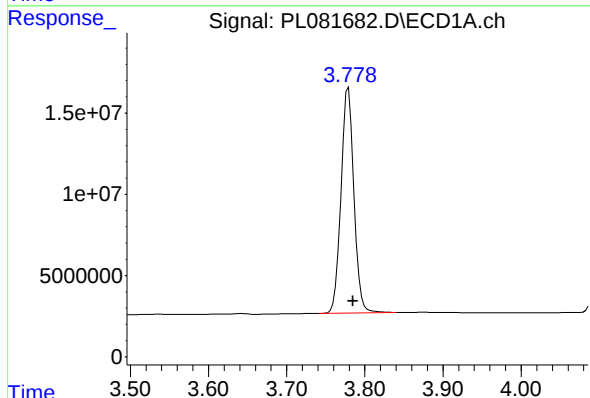
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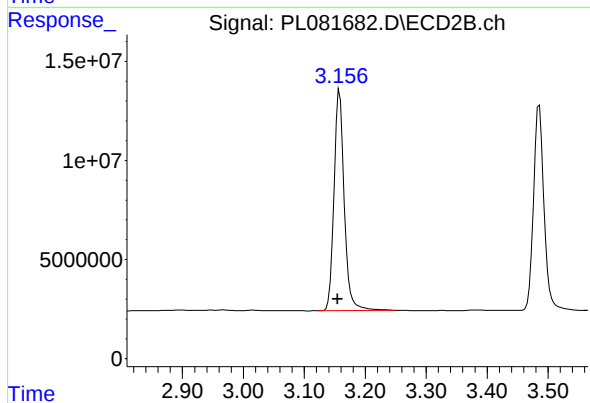
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.004 min
Response: 37649874
Conc: 18.86 ng/ml



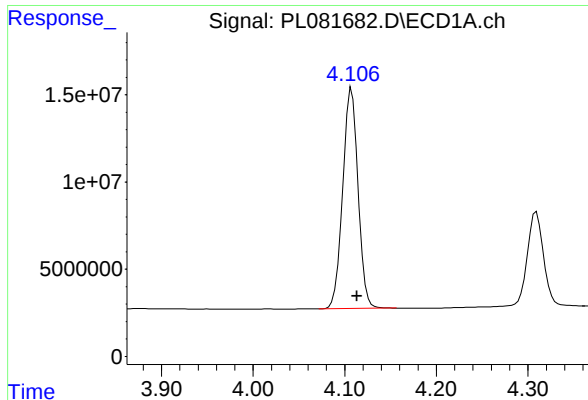
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 159292714
Conc: 46.46 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.003 min
Response: 130145282
Conc: 44.65 ng/ml



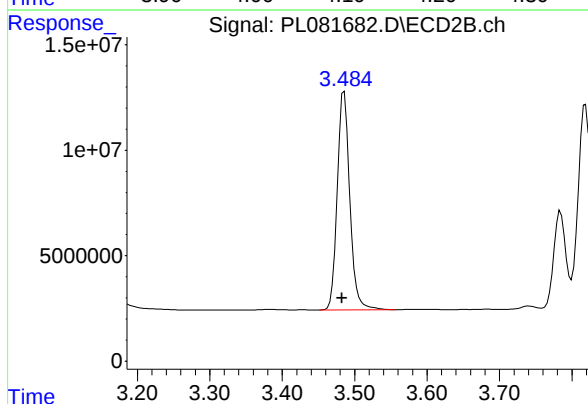
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 147048420
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

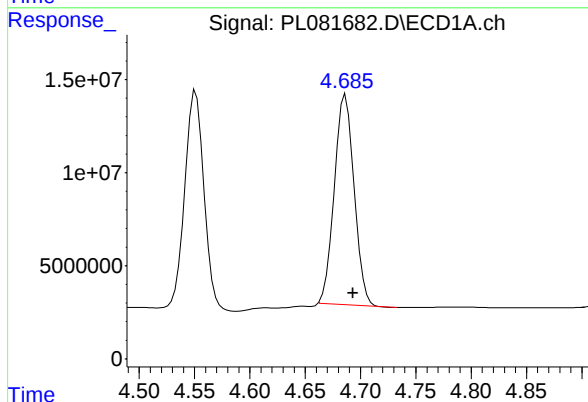
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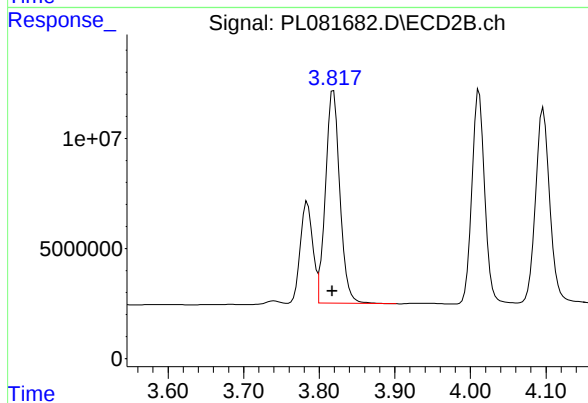
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.003 min
Response: 124207529
Conc: 44.61 ng/ml



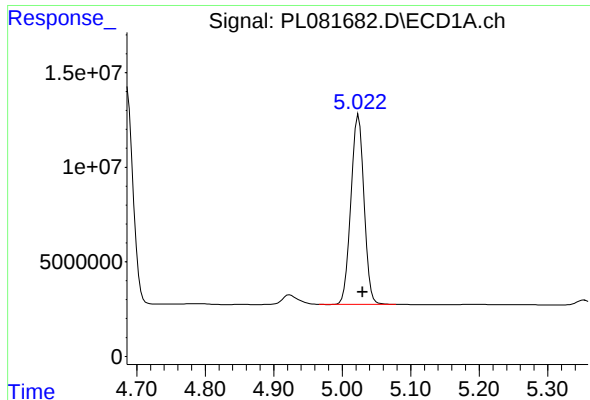
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 140486715
Conc: 44.57 ng/ml



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 127339261
Conc: 44.42 ng/ml



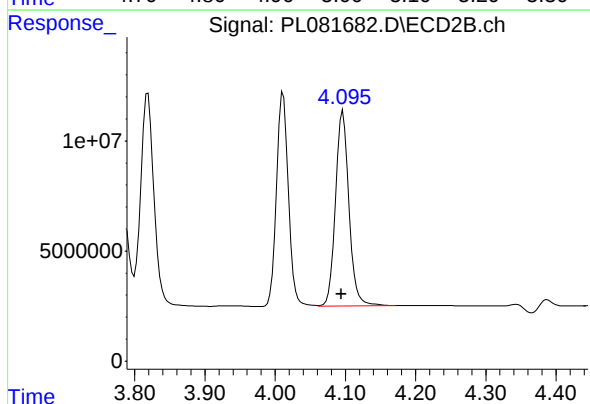
#5 Aldrin

R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 132863245
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

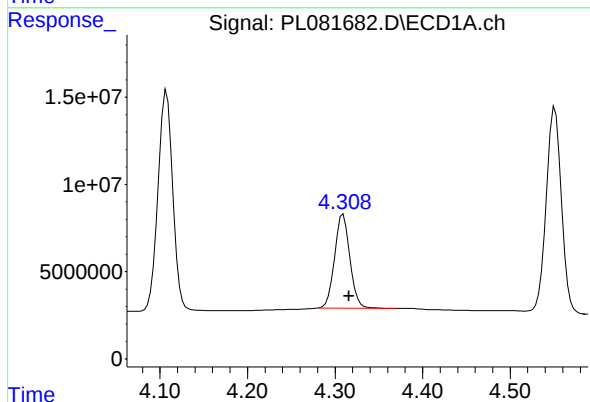
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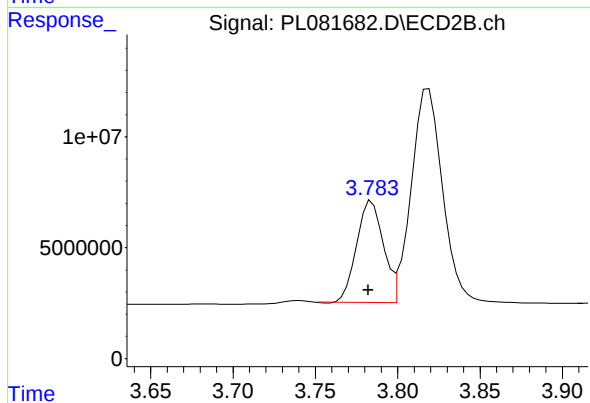
#5 Aldrin

R.T.: 4.097 min
Delta R.T.: 0.002 min
Response: 117752561
Conc: 44.19 ng/ml



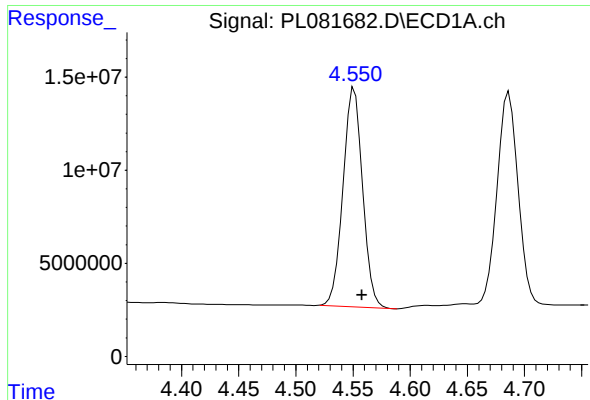
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.006 min
Response: 65429000
Conc: 43.47 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 51668635
Conc: 43.38 ng/ml



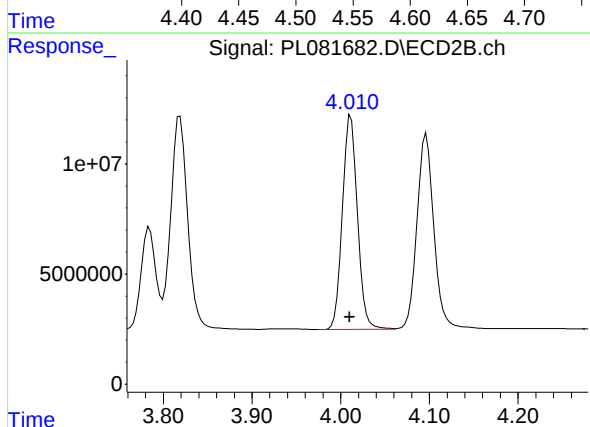
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 140875649
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

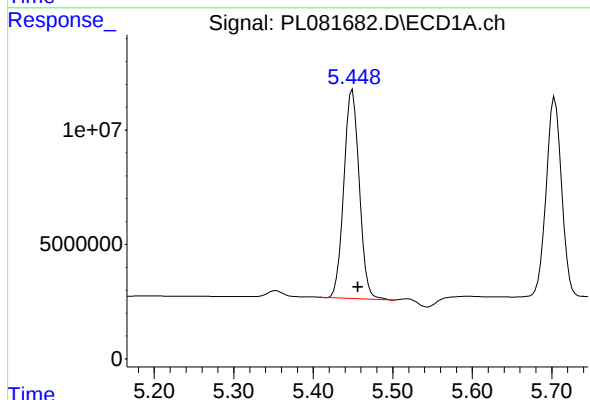
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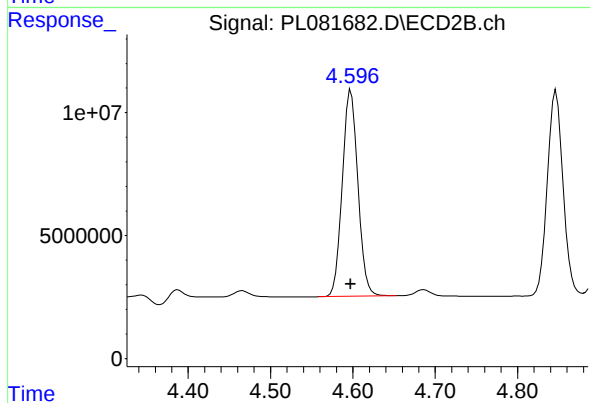
#7 delta-BHC

R.T.: 4.011 min
Delta R.T.: 0.002 min
Response: 114602812
Conc: 44.31 ng/ml



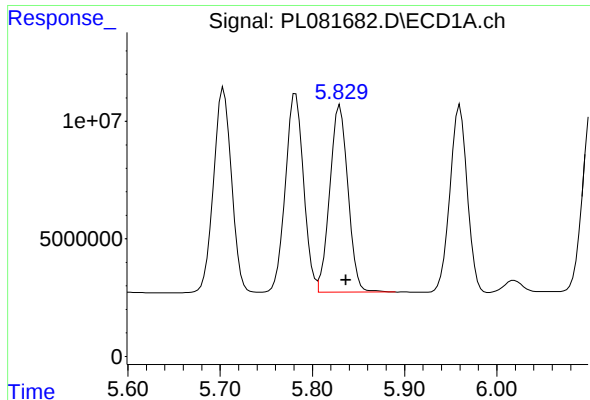
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 122858418
Conc: 45.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 110572182
Conc: 45.53 ng/ml m



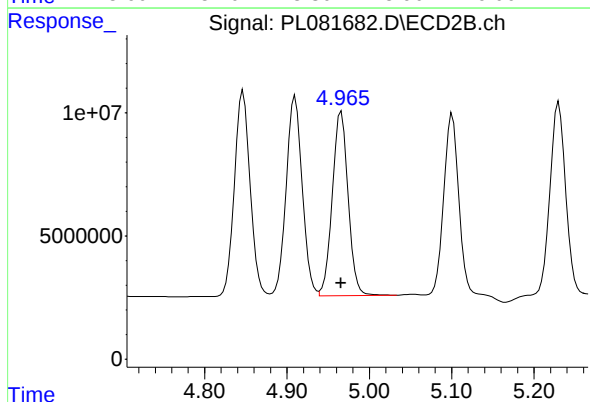
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.006 min
Response: 109279926
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

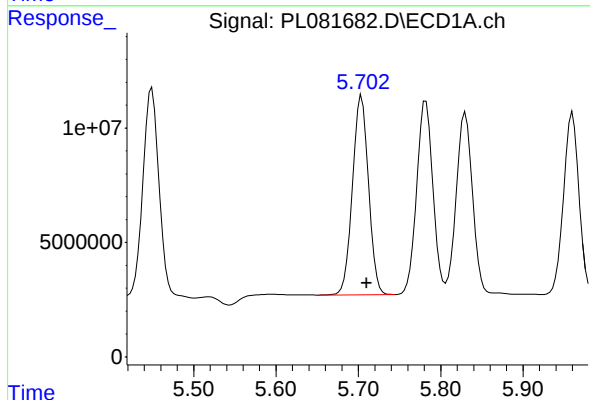
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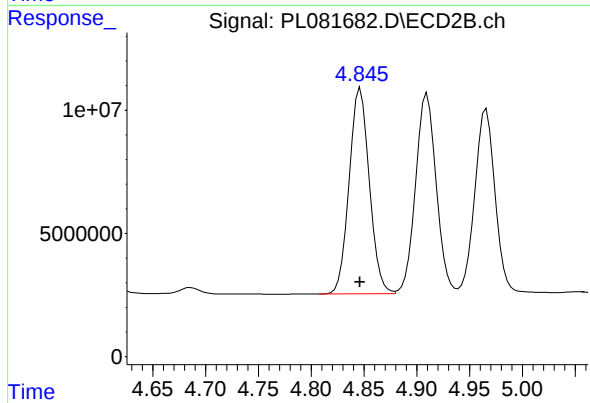
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 99607900
Conc: 45.12 ng/ml



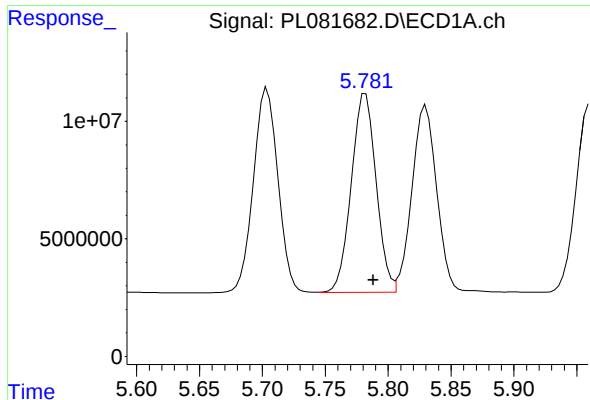
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 118143067
Conc: 45.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 110944034
Conc: 45.65 ng/ml



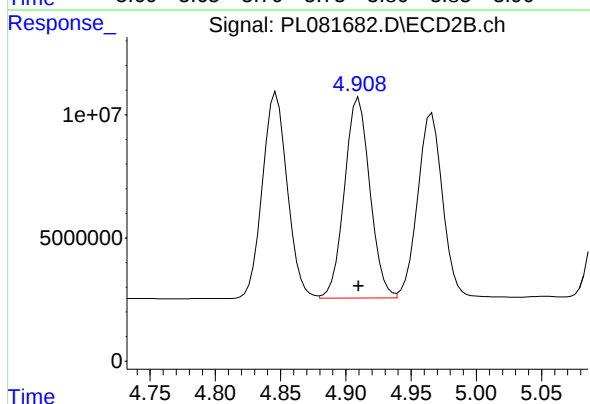
#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 116100004
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

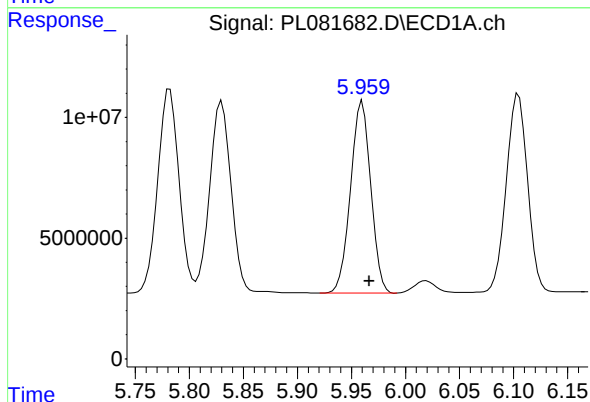
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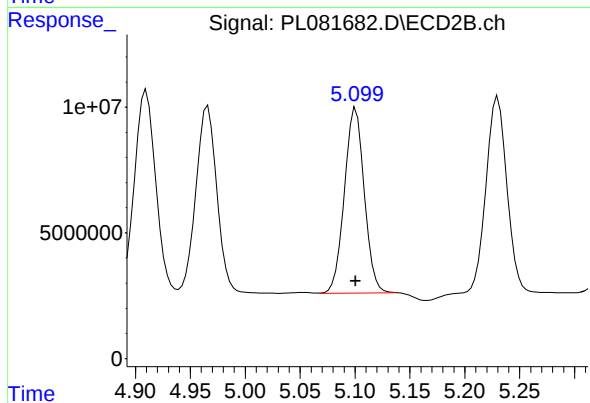
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 110226624
Conc: 45.38 ng/ml



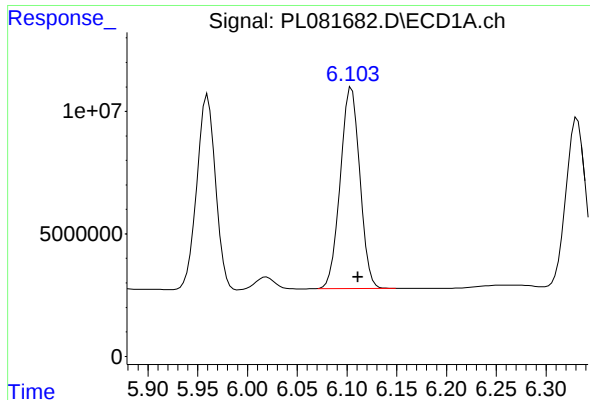
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 103641351
Conc: 45.99 ng/ml



#12 4,4'-DDE

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 92671411
Conc: 47.05 ng/ml m



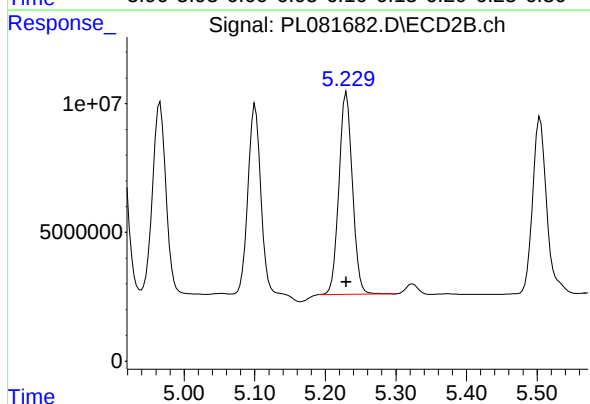
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 112281438
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

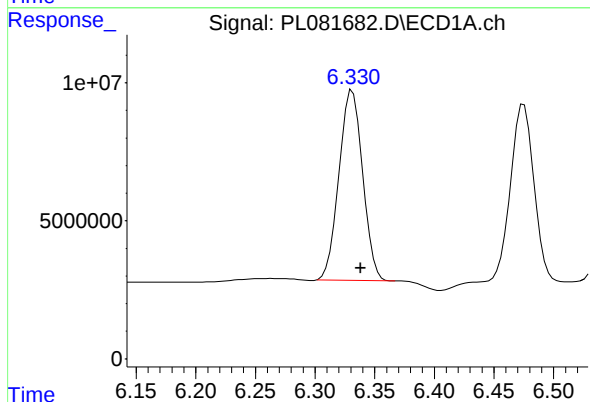
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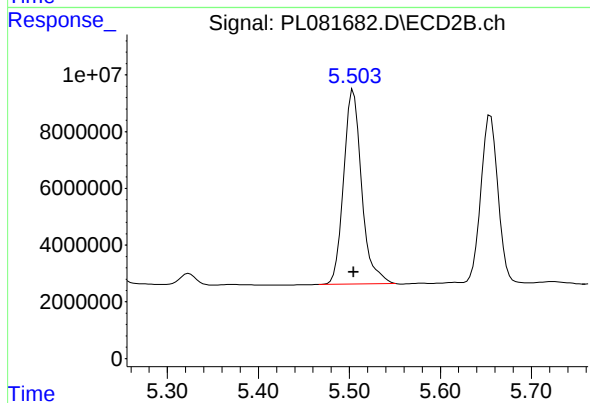
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 104415886
Conc: 46.42 ng/ml



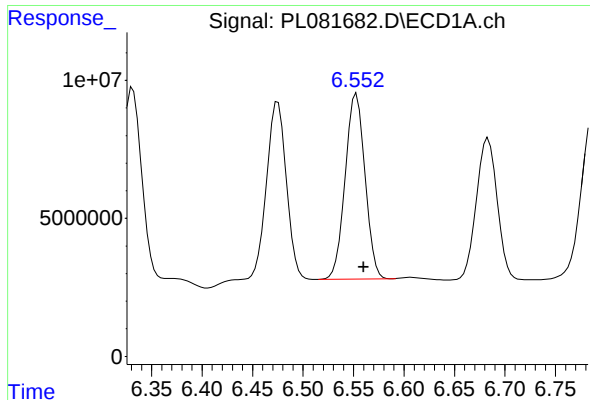
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 95236675
Conc: 45.02 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 94543070
Conc: 46.72 ng/ml



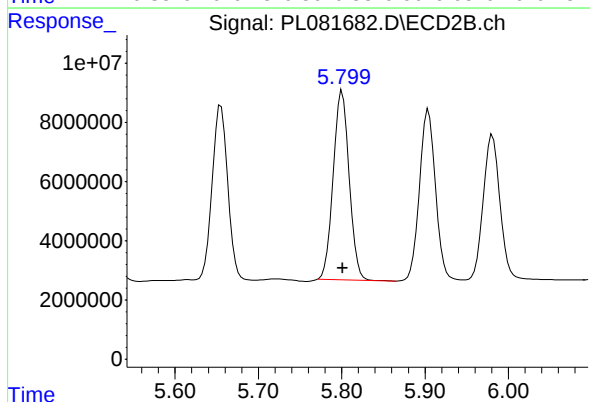
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 91925216
Conc: 43.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

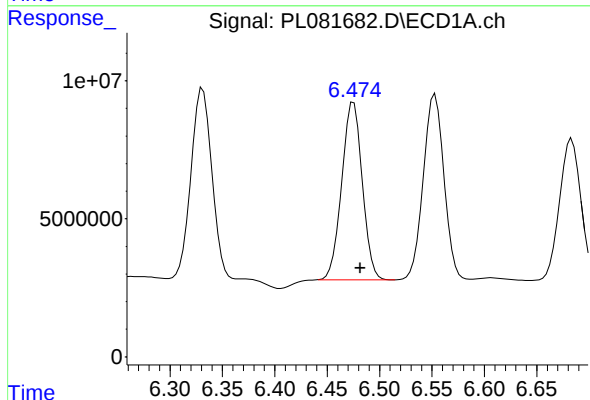
Manual Integrations
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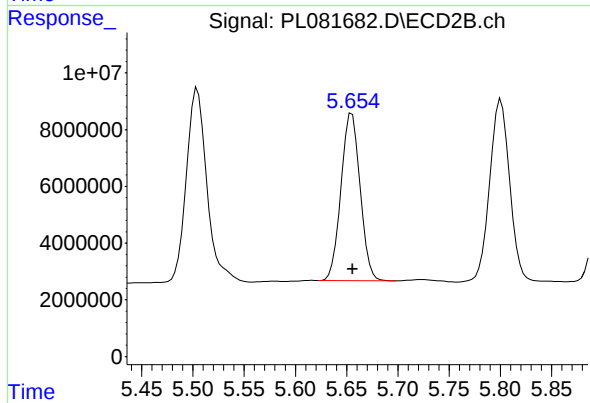
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 84977672
Conc: 46.84 ng/ml



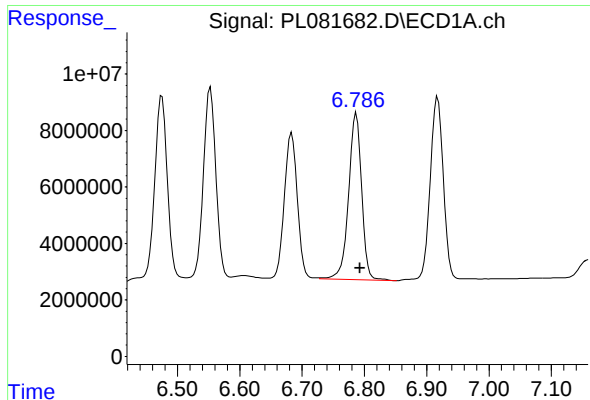
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 88191817
Conc: 48.90 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 76345954
Conc: 50.31 ng/ml



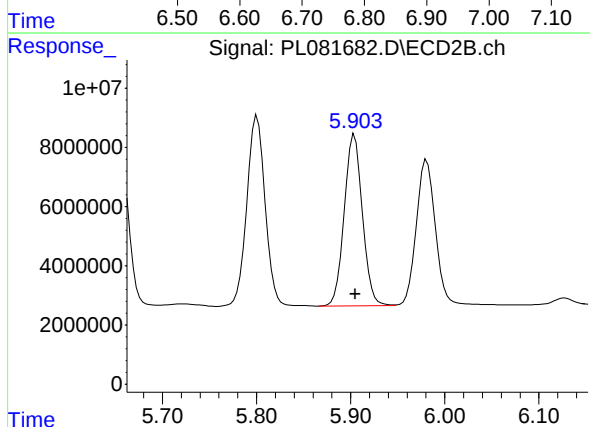
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 86329863
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

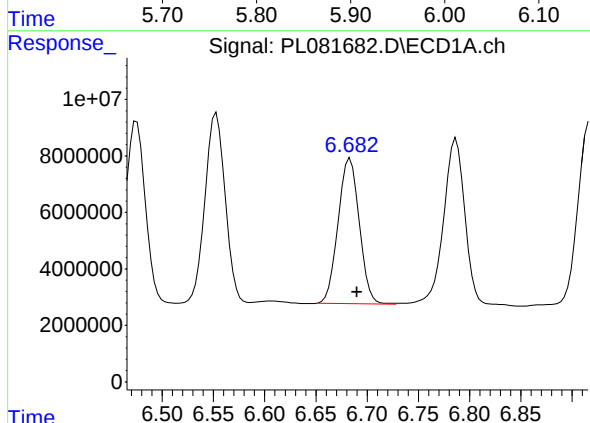
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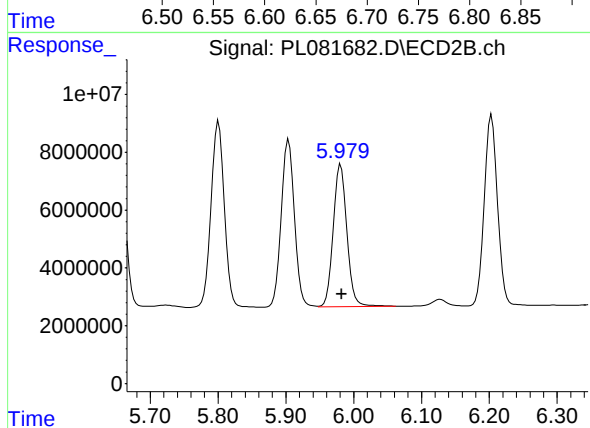
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: -0.001 min
Response: 77658981
Conc: 45.06 ng/ml



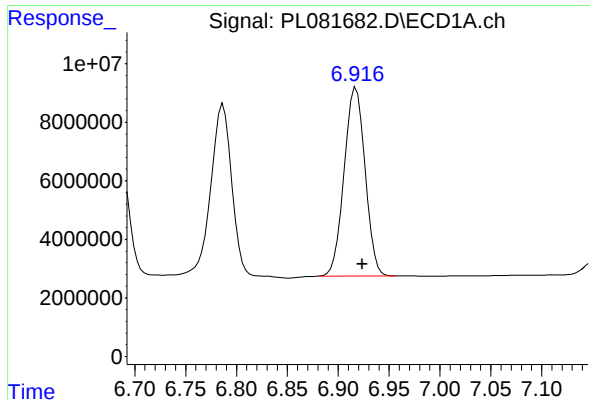
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 73921039
Conc: 45.18 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 69327734
Conc: 44.64 ng/ml



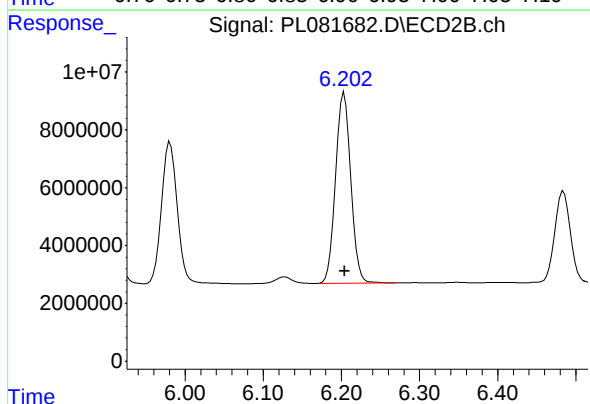
#19 Endosulfan Sulfate

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 92518149
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

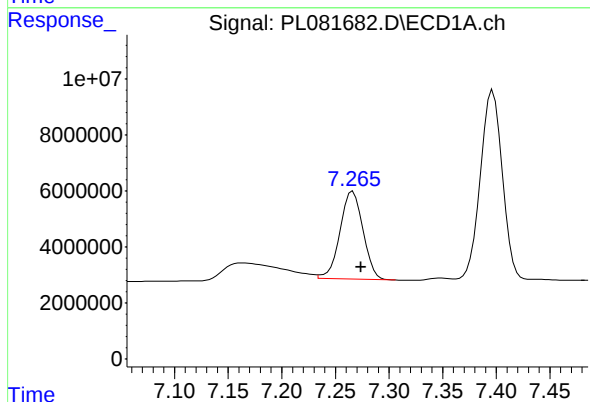
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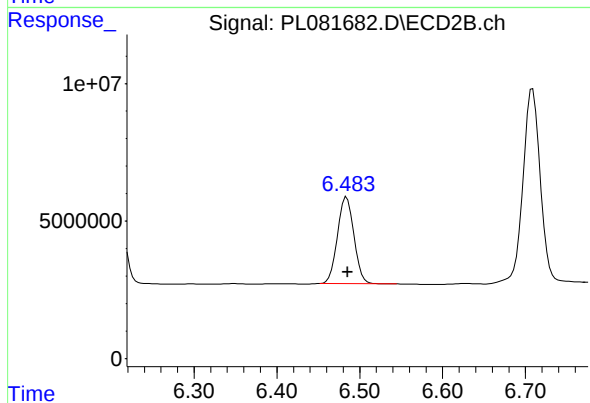
#19 Endosulfan Sulfate

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 89540739
Conc: 46.02 ng/ml



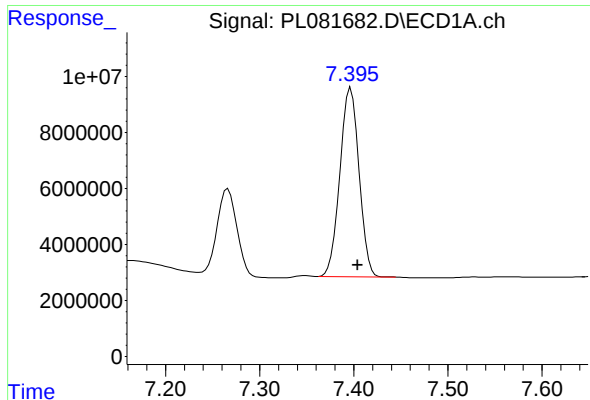
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 46631040
Conc: 43.30 ng/ml m



#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 43595209
Conc: 43.77 ng/ml



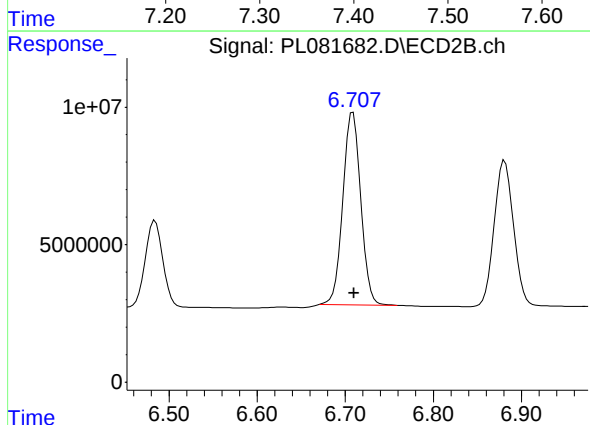
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 95603019
Conc: 45.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

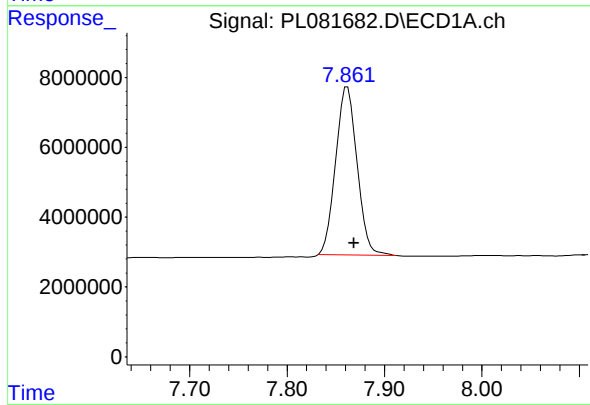
Manual Integrations
APPROVED

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



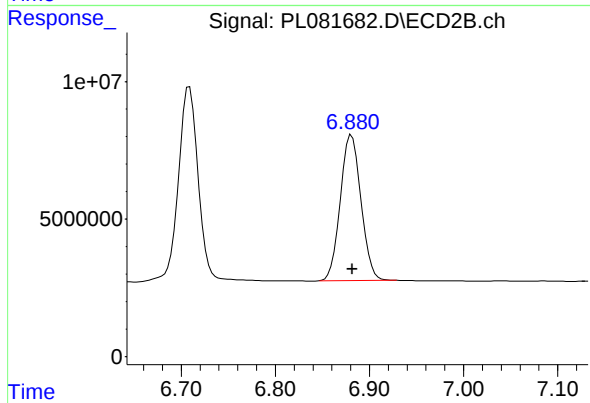
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 99214230
Conc: 46.43 ng/ml



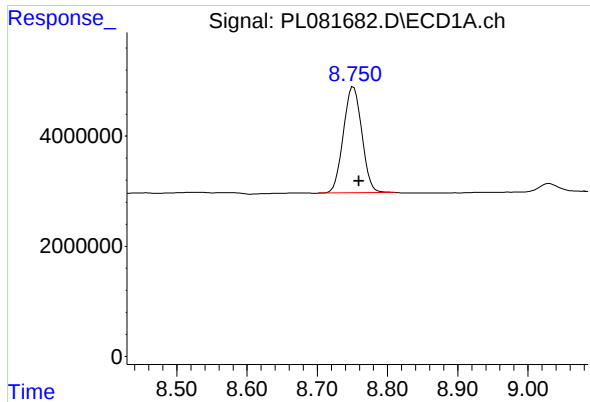
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 73553907
Conc: 42.93 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 81072641
Conc: 42.23 ng/ml



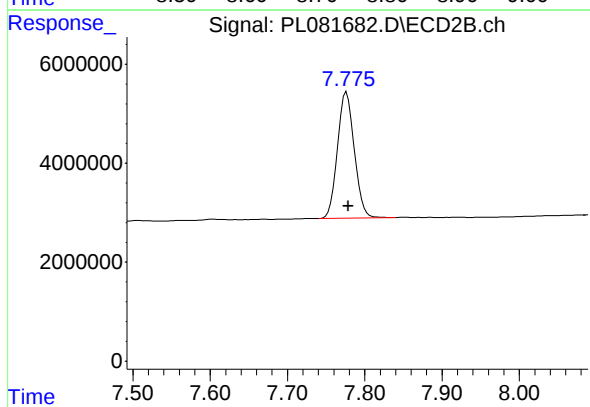
#28 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.008 min
Response: 35318480
Conc: 19.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151630BSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/24/2023



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 38466064
Conc: 19.40 ng/ml