

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 11:34
 Operator : AR\AJ
 Sample : 02102-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CHAMBER-C-72-EASTMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/03/2023
 Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:07:02 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	2.676f	41913420	33033665	18.020	16.549
28) SA Decachlor...	8.750	7.793	34973105	40605265	19.542	20.474
Target Compounds						
2) A alpha-BHC	3.778	3.176f	171.8E6	137.4E6	50.125	47.124
3) MA gamma-BHC...	4.106	3.503f	163.6E6	141.1E6	51.489	50.678
4) MA Heptachlor	4.686	3.802f	144.0E6	55553008	45.675	19.377 #
5) MB Aldrin	5.023	4.113f	146.3E6	131.7E6	51.149	49.433
6) B beta-BHC	4.309	3.802f	71132608	55553008	47.262	46.645
7) B delta-BHC	4.550	4.029f	159.2E6	130.4E6	52.377	50.437
8) B Heptachlo...	5.448	4.615f	136.3E6	123.4E6	50.111	50.805
9) A Endosulfan I	5.829	4.983f	118.8E6	114.1E6	48.072	51.689
10) B gamma-Chl...	5.703	4.864f	127.8E6	123.3E6	48.665	50.741
11) B alpha-Chl...	5.782	4.927f	127.8E6	124.0E6	49.375	51.053
12) B 4,4'-DDE	5.959	5.118f	112.8E6	102.6E6	50.037	52.078
13) MA Dieldrin	6.104	5.247f	124.3E6	120.5E6	51.346	53.549
14) MA Endrin	6.331	5.521f	105.6E6	104.4E6	49.923	51.577
15) B Endosulfa...	6.552	5.816	104.5E6	103.2E6	49.240	56.897m
16) A 4,4'-DDD	6.474	5.672f	90519286	86668430	50.191	57.111
17) MA 4,4'-DDT	6.786	5.921f	86554361	86461977	42.645	50.173
18) B Endrin al...	6.682	5.998f	85904334	85853742	52.505	55.283
19) B Endosulfa...	6.916	6.220f	100.5E6	102.8E6	48.200	52.829
20) A Methoxychlor	7.266	6.500f	51020835	52411102	47.378	52.620
21) B Endrin ke...	7.396	6.725f	111.4E6	117.4E6	53.163	54.948
22) Mirex	7.861	6.898f	81381656	96146452	47.501	50.083

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
Data File : PL081807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 11:34
Operator : AR\AJ
Sample : 02102-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

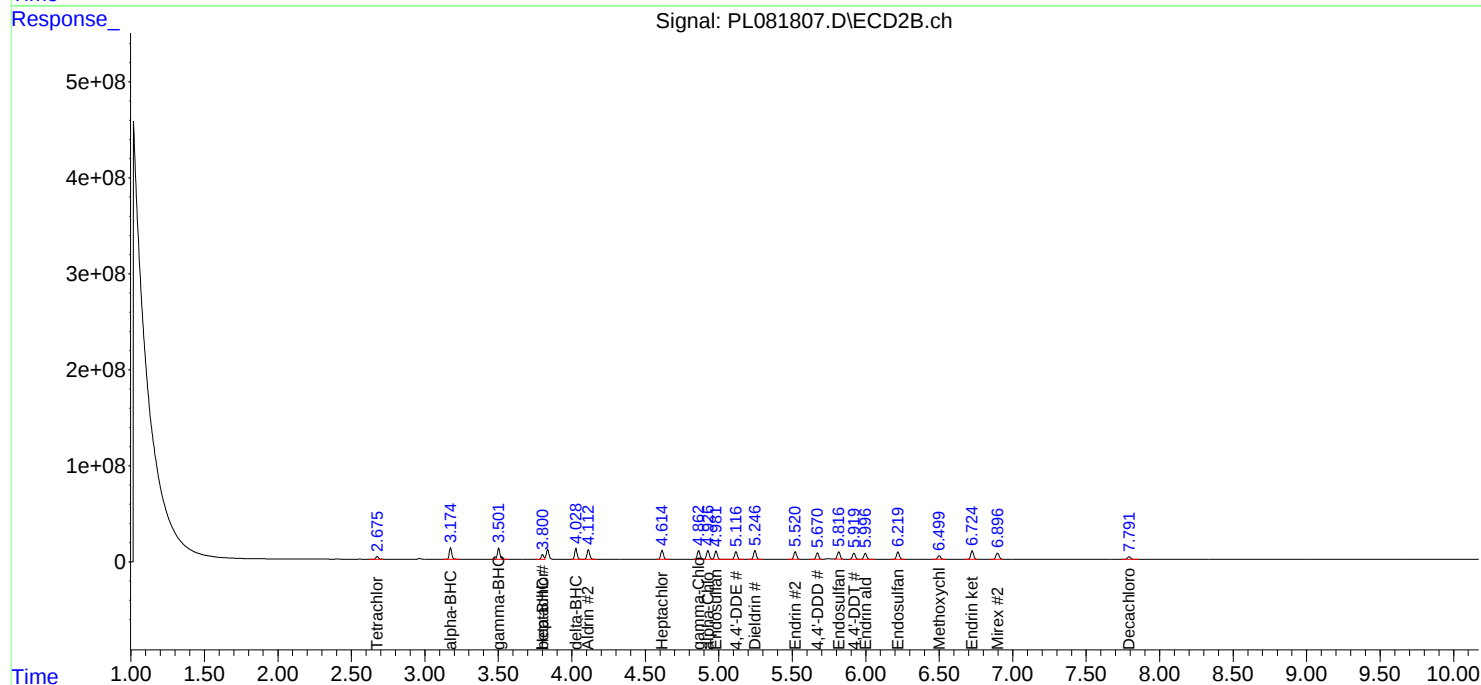
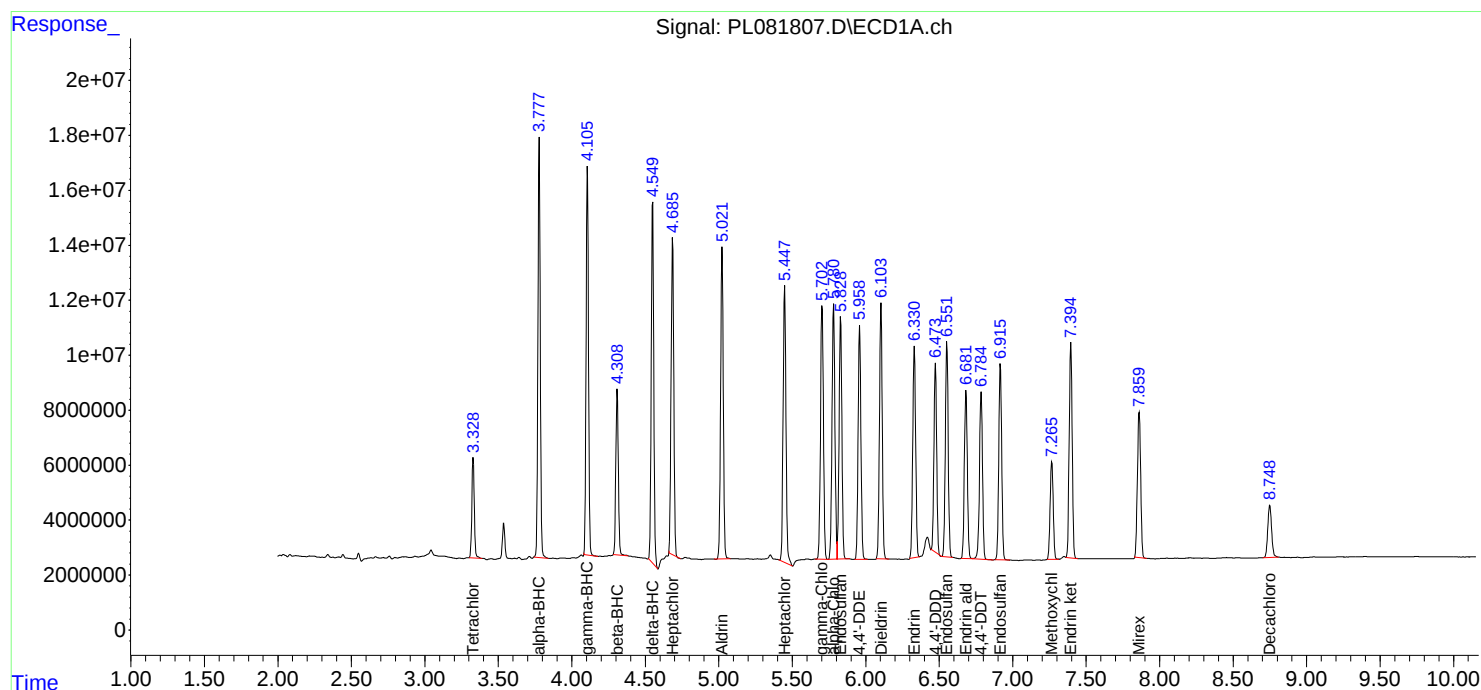
Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

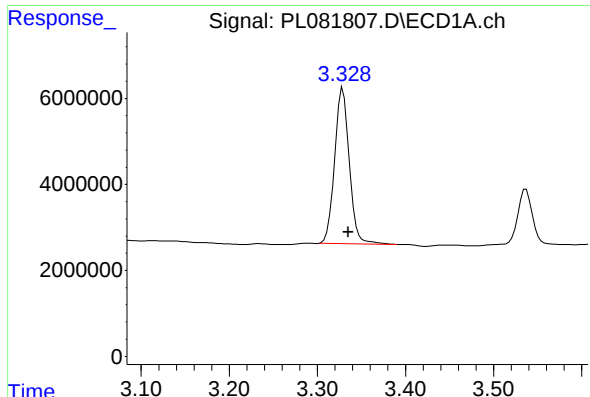
Manual Integrations
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Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 22:07:02 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: 41913420
Conc: 18.02 ng/ml

Instrument :

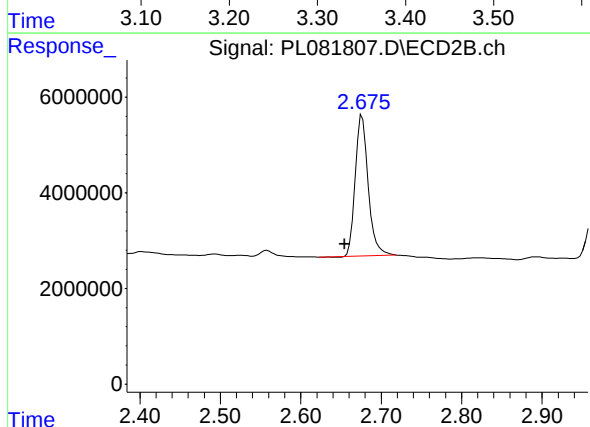
ECD_L

ClientSampleId :

CHAMBER-C-72-EASTMSD

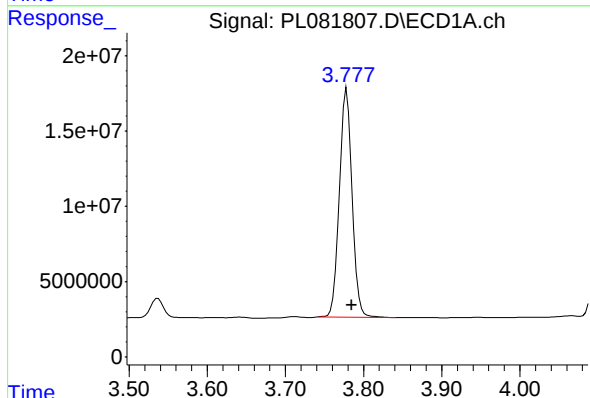
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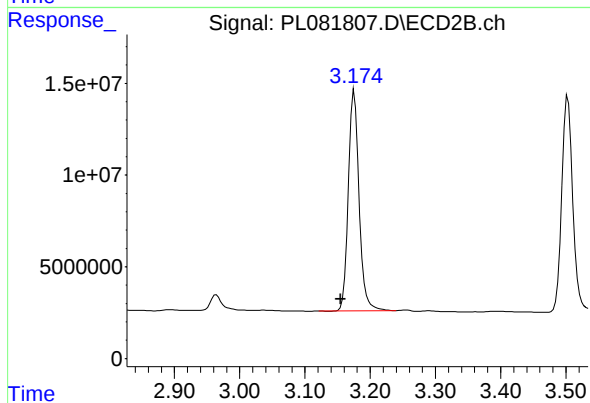
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: 0.022 min
Response: 33033665
Conc: 16.55 ng/ml



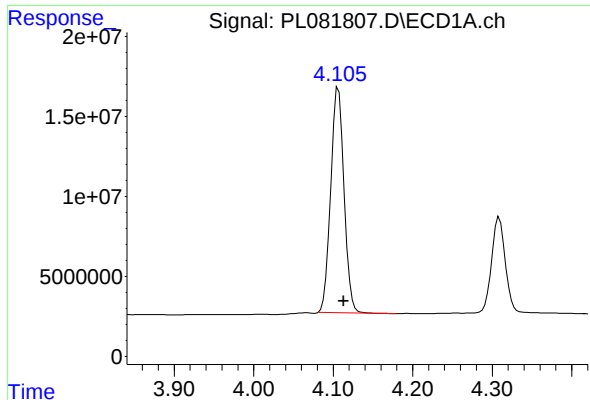
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 171847769
Conc: 50.13 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: 0.021 min
Response: 137366104
Conc: 47.12 ng/ml



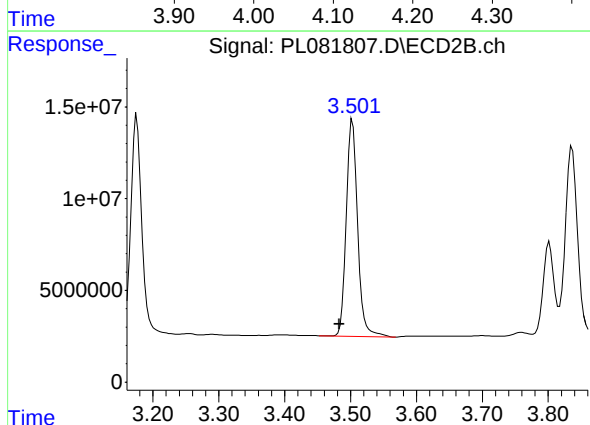
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 163572355
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

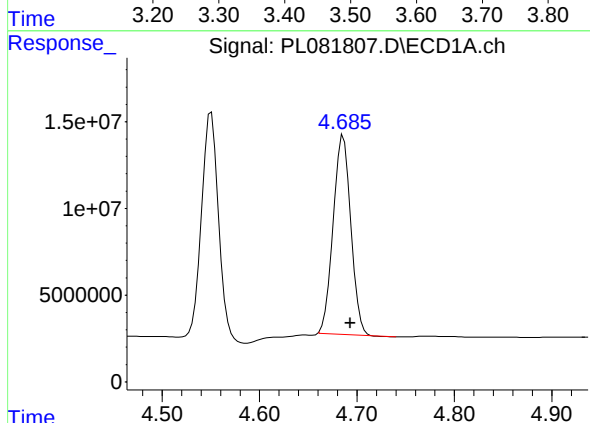
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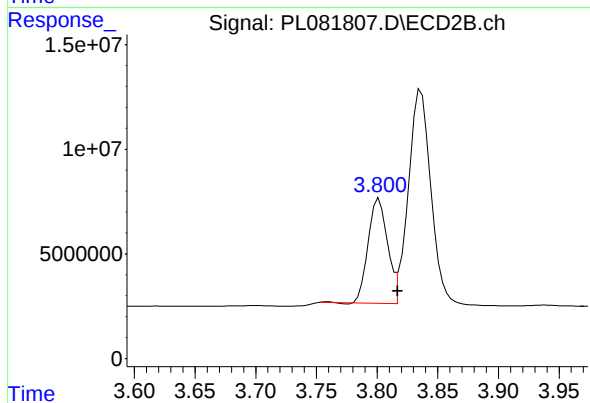
#3 gamma-BHC (Lindane)

R.T.: 3.503 min
Delta R.T.: 0.020 min
Response: 141099402
Conc: 50.68 ng/ml



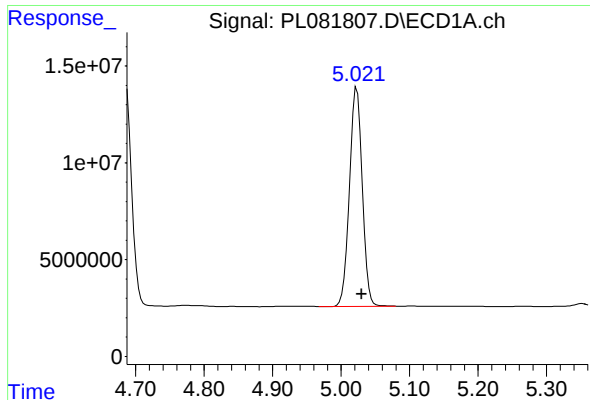
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 143975677
Conc: 45.68 ng/ml



#4 Heptachlor

R.T.: 3.802 min
Delta R.T.: -0.015 min
Response: 55553008
Conc: 19.38 ng/ml



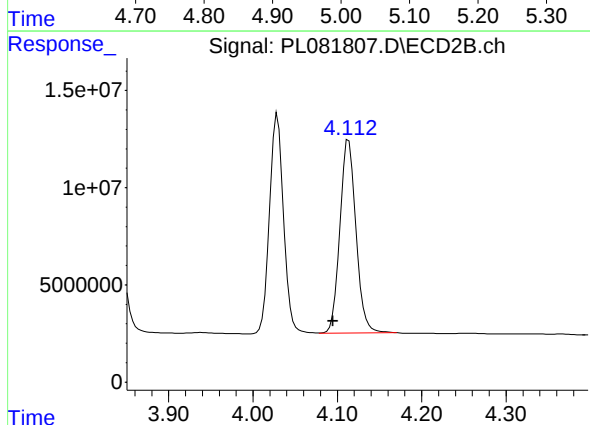
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 146299580
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

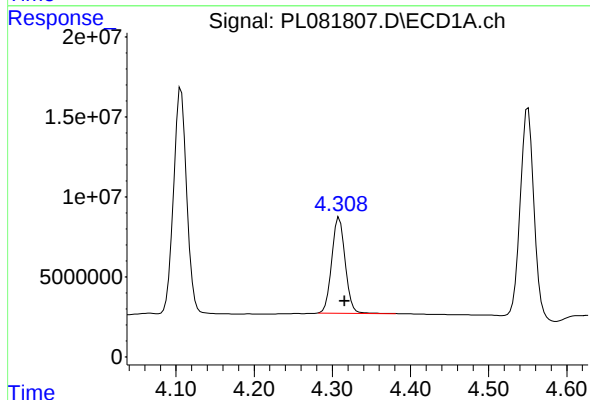
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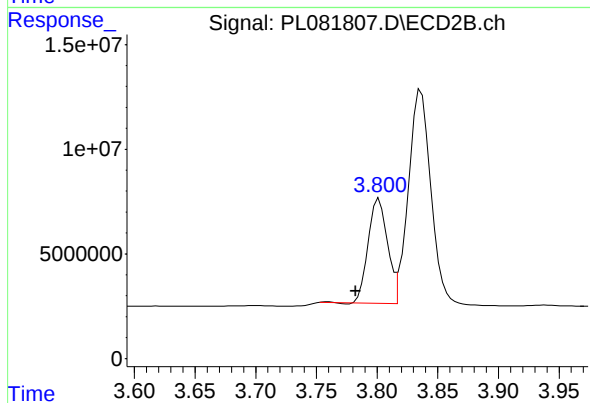
#5 Aldrin

R.T.: 4.113 min
Delta R.T.: 0.019 min
Response: 131712353
Conc: 49.43 ng/ml



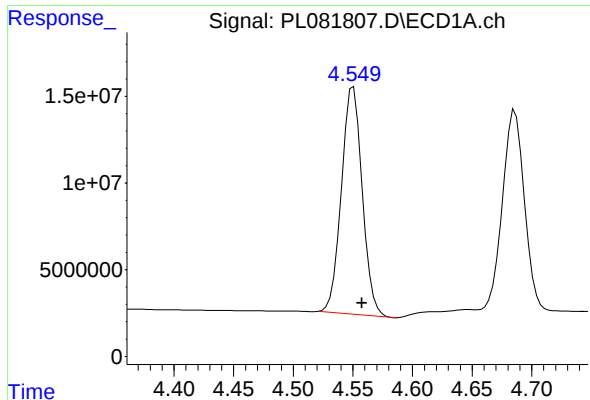
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 71132608
Conc: 47.26 ng/ml



#6 beta-BHC

R.T.: 3.802 min
Delta R.T.: 0.019 min
Response: 55553008
Conc: 46.64 ng/ml



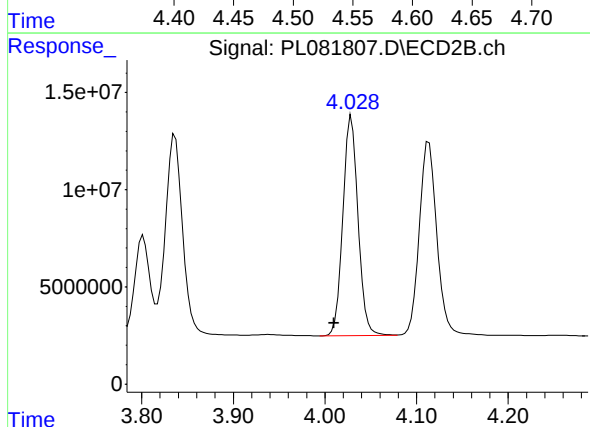
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.007 min
Response: 159185933
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

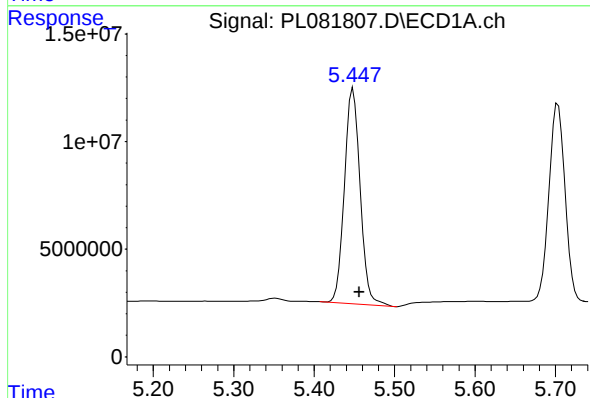
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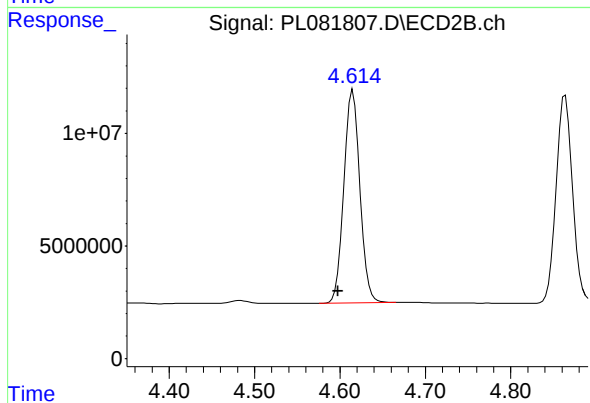
#7 delta-BHC

R.T.: 4.029 min
Delta R.T.: 0.019 min
Response: 130435800
Conc: 50.44 ng/ml



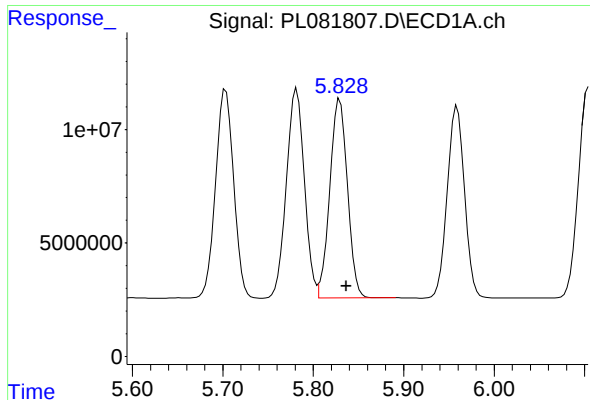
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.008 min
Response: 136304512
Conc: 50.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.615 min
Delta R.T.: 0.018 min
Response: 123391666
Conc: 50.80 ng/ml



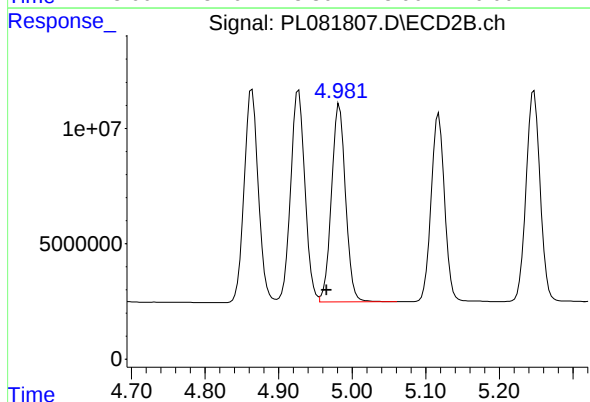
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 118776432
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

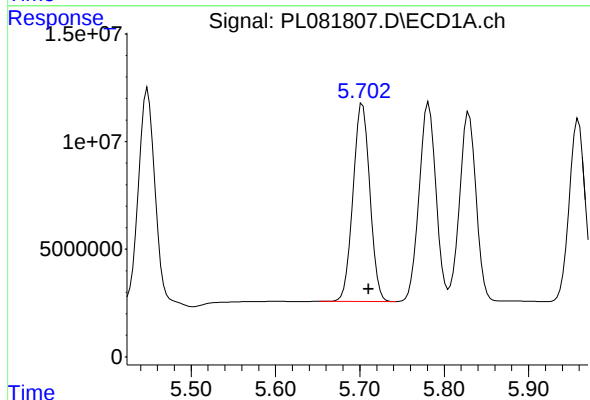
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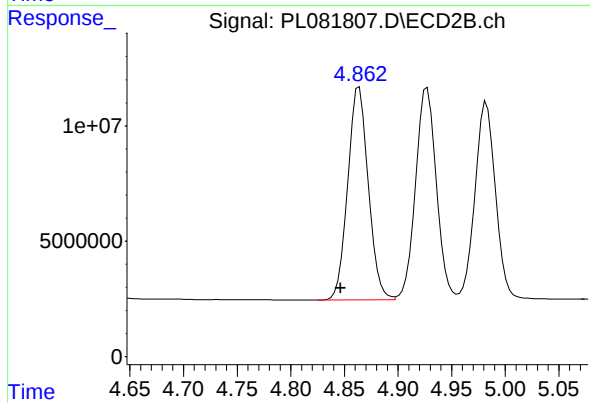
#9 Endosulfan I

R.T.: 4.983 min
Delta R.T.: 0.017 min
Response: 114115403
Conc: 51.69 ng/ml



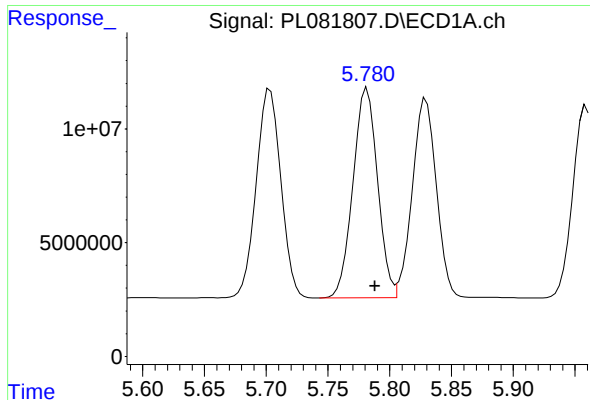
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 127757565
Conc: 48.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.864 min
Delta R.T.: 0.018 min
Response: 123319413
Conc: 50.74 ng/ml



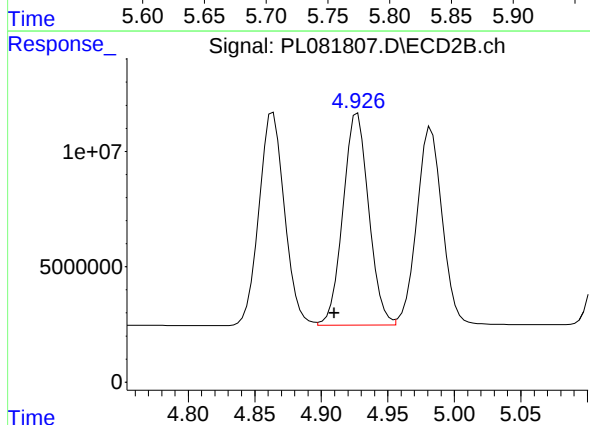
#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 127801784
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

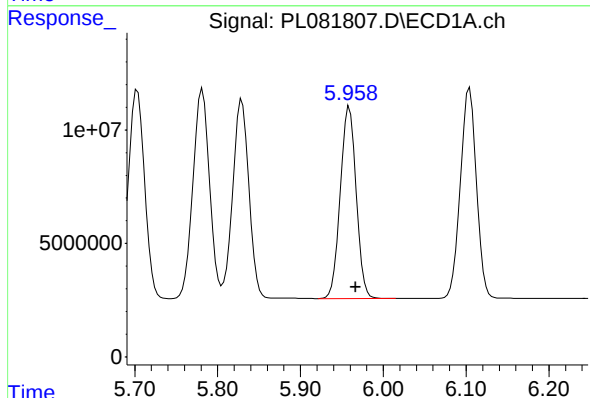
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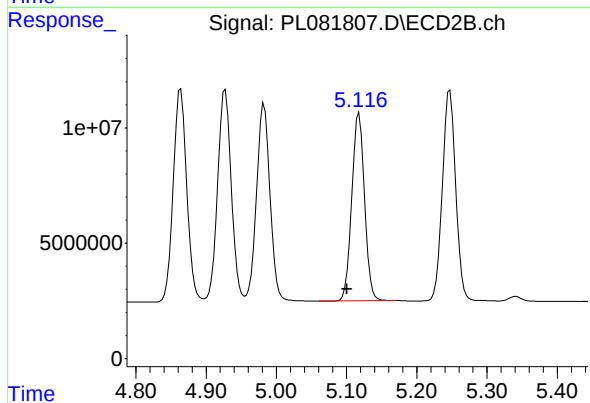
#11 alpha-Chlordane

R.T.: 4.927 min
Delta R.T.: 0.017 min
Response: 124004605
Conc: 51.05 ng/ml



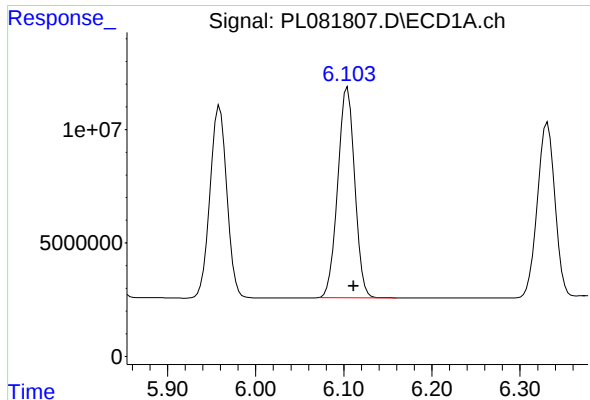
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 112766541
Conc: 50.04 ng/ml



#12 4,4'-DDE

R.T.: 5.118 min
Delta R.T.: 0.017 min
Response: 102583085
Conc: 52.08 ng/ml



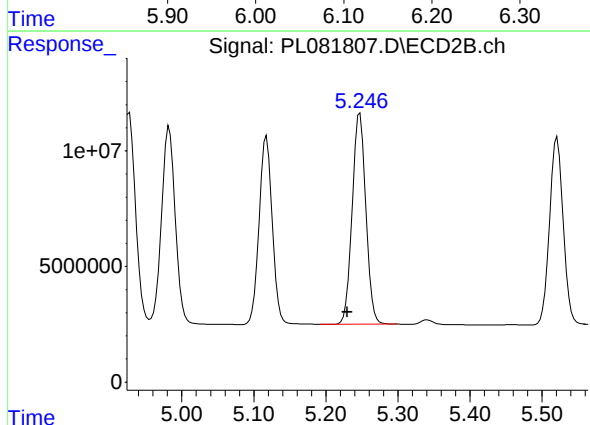
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 124304899
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

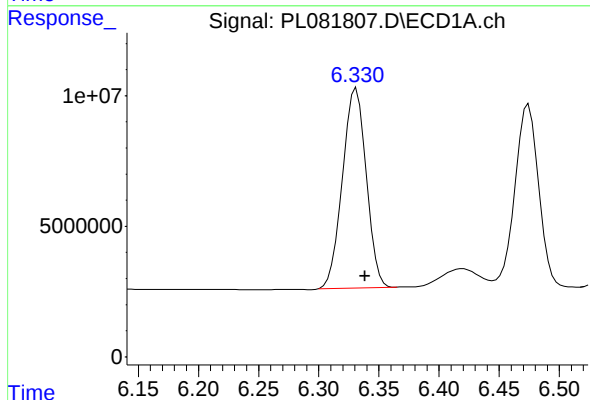
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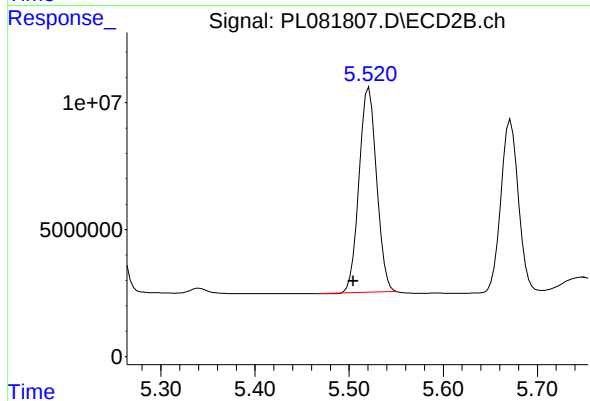
#13 Dieldrin

R.T.: 5.247 min
Delta R.T.: 0.018 min
Response: 120455388
Conc: 53.55 ng/ml



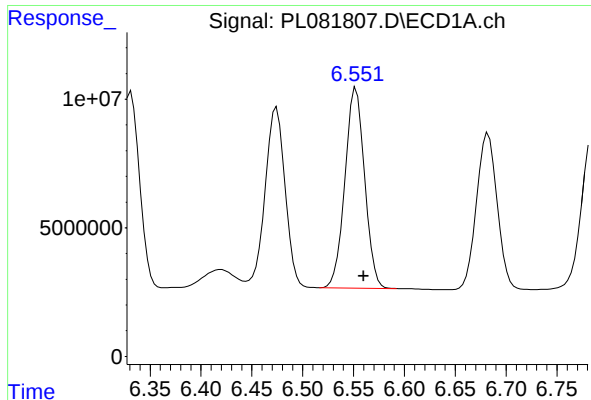
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 105597639
Conc: 49.92 ng/ml



#14 Endrin

R.T.: 5.521 min
Delta R.T.: 0.017 min
Response: 104376599
Conc: 51.58 ng/ml



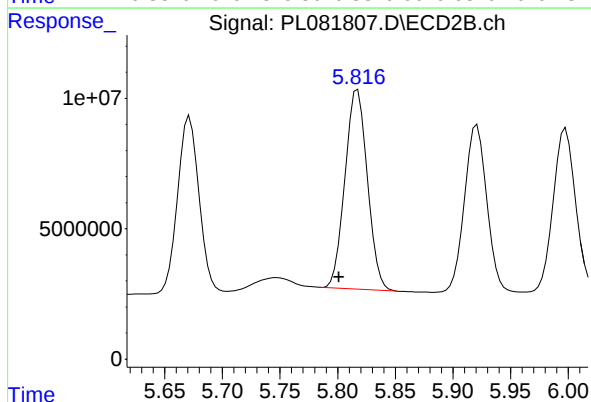
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 104491449
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

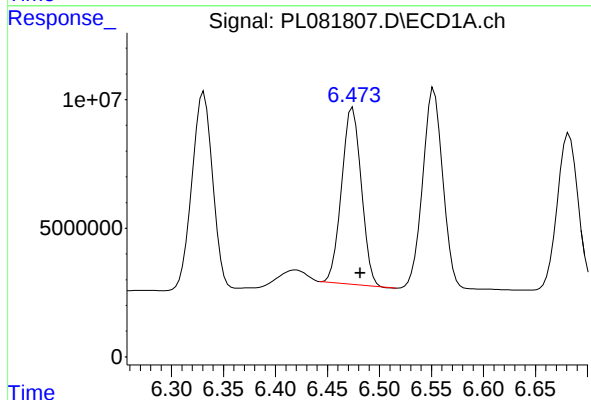
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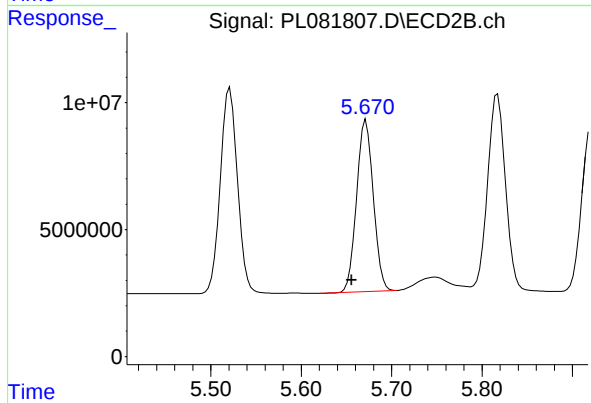
#15 Endosulfan II

R.T.: 5.816 min
Delta R.T.: 0.015 min
Response: 103213554
Conc: 56.90 ng/ml



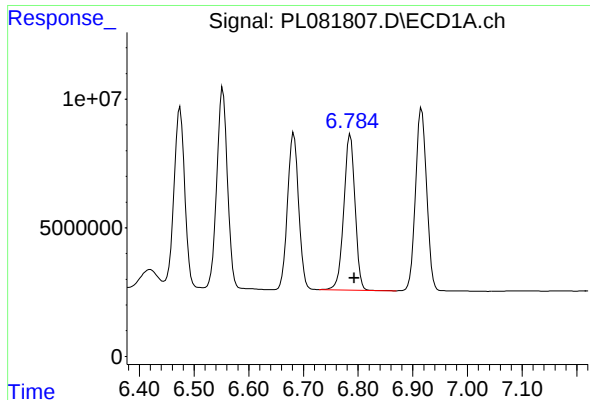
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 90519286
Conc: 50.19 ng/ml



#16 4,4'-DDD

R.T.: 5.672 min
Delta R.T.: 0.016 min
Response: 86668430
Conc: 57.11 ng/ml



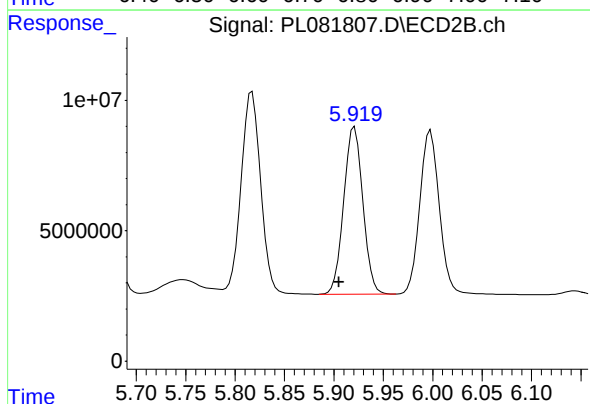
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 86554361
Conc: 42.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

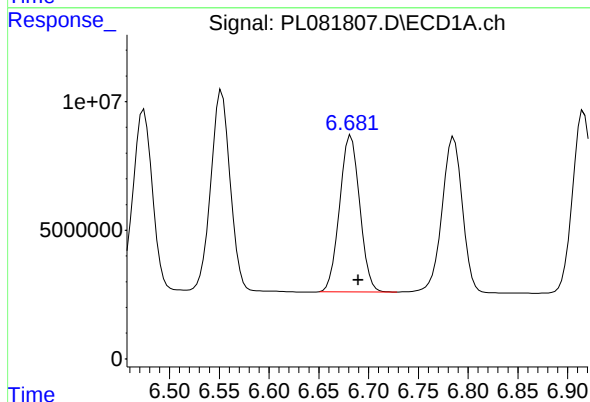
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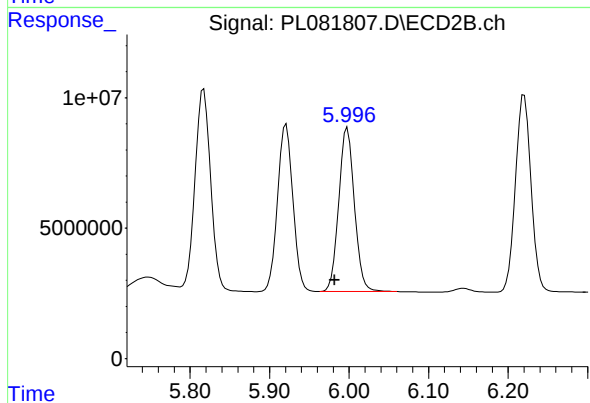
#17 4,4'-DDT

R.T.: 5.921 min
Delta R.T.: 0.016 min
Response: 86461977
Conc: 50.17 ng/ml



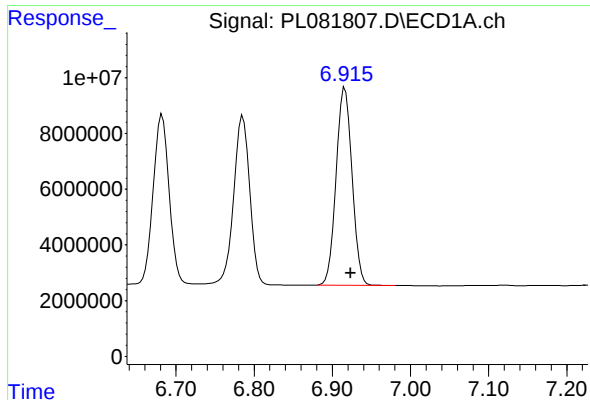
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 85904334
Conc: 52.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.998 min
Delta R.T.: 0.016 min
Response: 85853742
Conc: 55.28 ng/ml



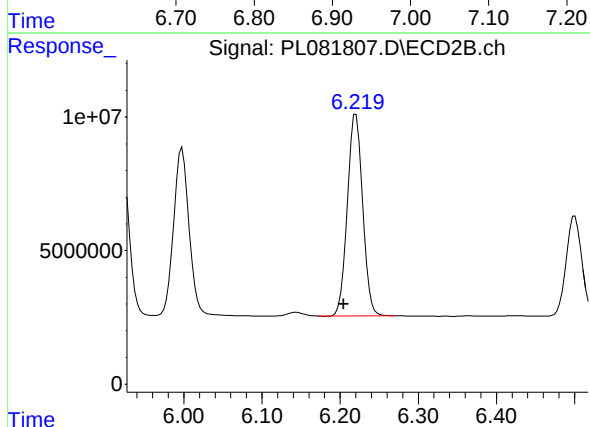
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.007 min
Response: 100450872
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

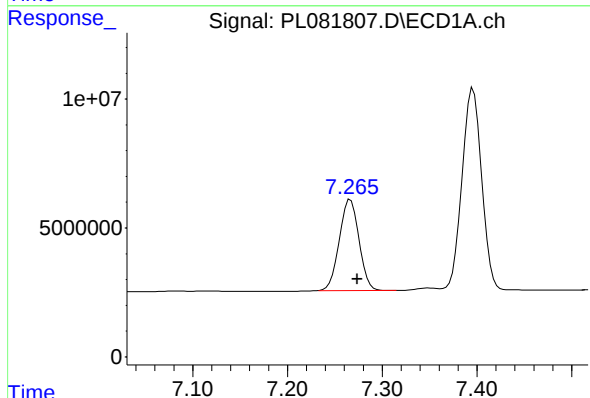
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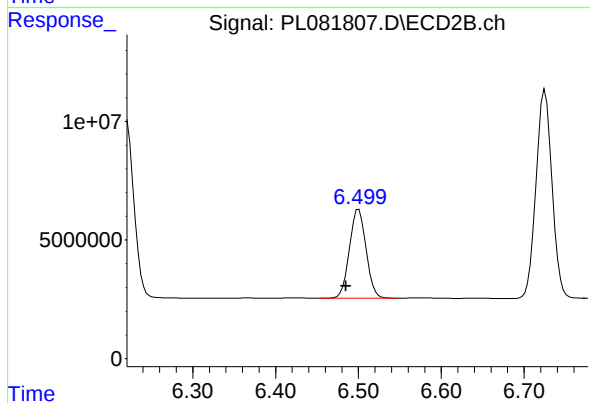
#19 Endosulfan Sulfate

R.T.: 6.220 min
Delta R.T.: 0.016 min
Response: 102789600
Conc: 52.83 ng/ml



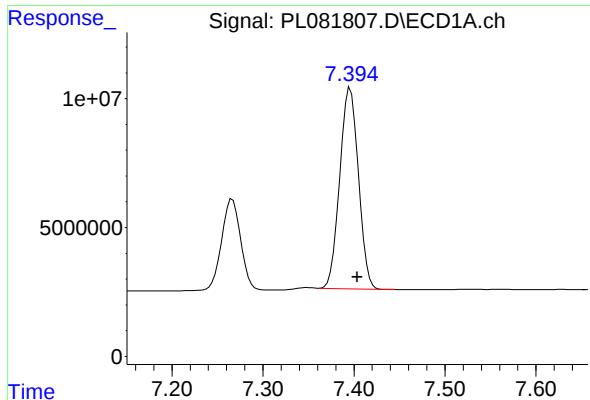
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 51020835
Conc: 47.38 ng/ml



#20 Methoxychlor

R.T.: 6.500 min
Delta R.T.: 0.015 min
Response: 52411102
Conc: 52.62 ng/ml



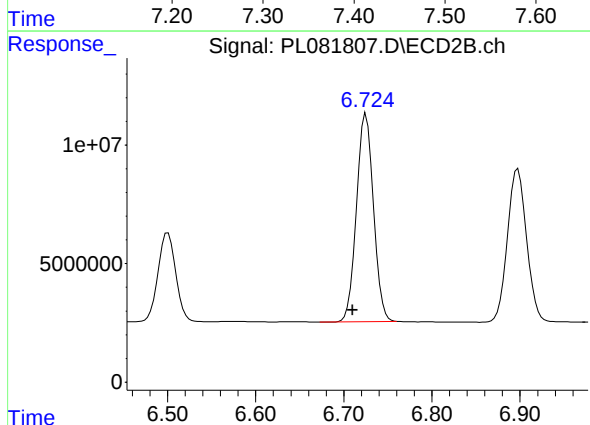
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 111359684
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

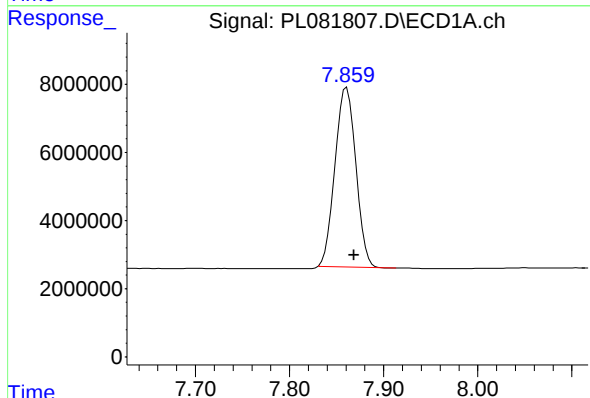
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023



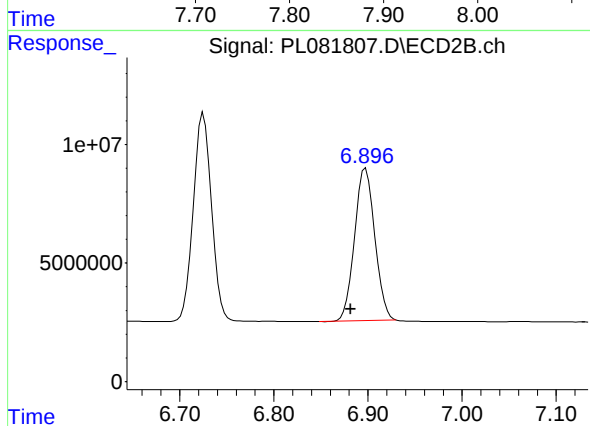
#21 Endrin ketone

R.T.: 6.725 min
Delta R.T.: 0.015 min
Response: 117422145
Conc: 54.95 ng/ml



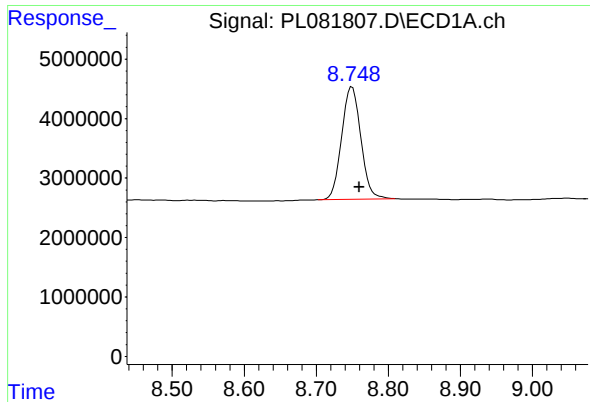
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 81381656
Conc: 47.50 ng/ml



#22 Mirex

R.T.: 6.898 min
Delta R.T.: 0.016 min
Response: 96146452
Conc: 50.08 ng/ml



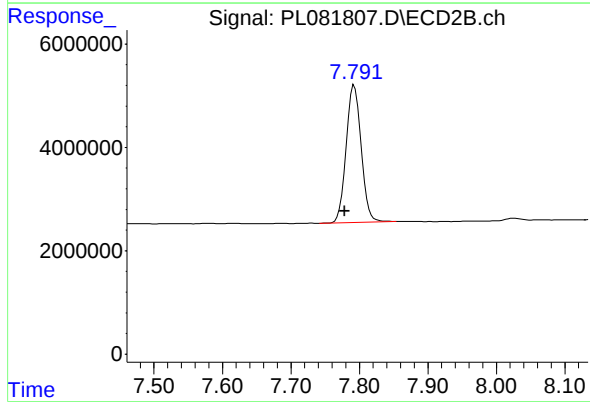
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 34973105
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHAMBER-C-72-EASTMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023



#28 Decachlorobiphenyl

R.T.: 7.793 min
Delta R.T.: 0.014 min
Response: 40605265
Conc: 20.47 ng/ml