

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 18:27
 Operator : AR\AJ
 Sample : 01950-09DL 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/27/2023
 Supervised By : Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 03:08:56 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
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System Monitoring Compounds

Target Compounds

2) A	alpha-BHC	3.778	3.158	92681481	77837323	27.034	26.702
3) MA	gamma-BHC...	4.106	3.486	269.0E6	232.5E6	84.683m	83.490
4) MA	Heptachlor	4.686	3.818	56349412	52290121	17.876	18.239
5) MB	Aldrin	5.023	4.096	70004875	64543200	24.475	24.224
6) B	beta-BHC	4.308	3.784	123.6E6	103.8E6	82.125m	87.130
7) B	delta-BHC	4.551	4.012	124.9E6	106.1E6	41.108	41.032
8) B	Heptachlo...	5.449	4.597	114.8E6	104.7E6	42.192	43.093
9) A	Endosulfan I	5.830	4.965	131.3E6	126.6E6	53.151	57.341
10) B	gamma-Chl...	5.704	4.846	17712128	16290857	6.747	6.703
11) B	alpha-Chl...	5.781	4.909	37702074	35972316	14.566	14.810
12) B	4,4'-DDE	5.960	5.100	84244736	78176589	37.382	39.688
13) MA	Dieldrin	6.104	5.229	107.4E6	106.1E6	44.354	47.170
14) MA	Endrin	6.332	5.504	144.8E6	143.0E6	68.456	70.652
15) B	Endosulfa...	6.553	5.800	110.6E6	105.7E6	52.110	58.270
16) A	4,4'-DDD	6.475	5.654	29900007	26350378	16.579	17.364
17) MA	4,4'-DDT	6.786	5.903	29266092	25763448	14.419	14.950
18) B	Endrin al...	6.684	5.980	147.7E6	140.5E6	90.252	90.483
19) B	Endosulfa...	6.918	6.203	112.9E6	107.1E6	54.164	55.040
20) A	Methoxychlor	7.267	6.483	41172561	40925095	38.233	41.088
21) B	Endrin ke...	7.397	6.708	197.1E6	209.5E6	94.086	98.020

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032232\
Data File : PL081686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2023 18:27
Operator : AR\AJ
Sample : 01950-09DL 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

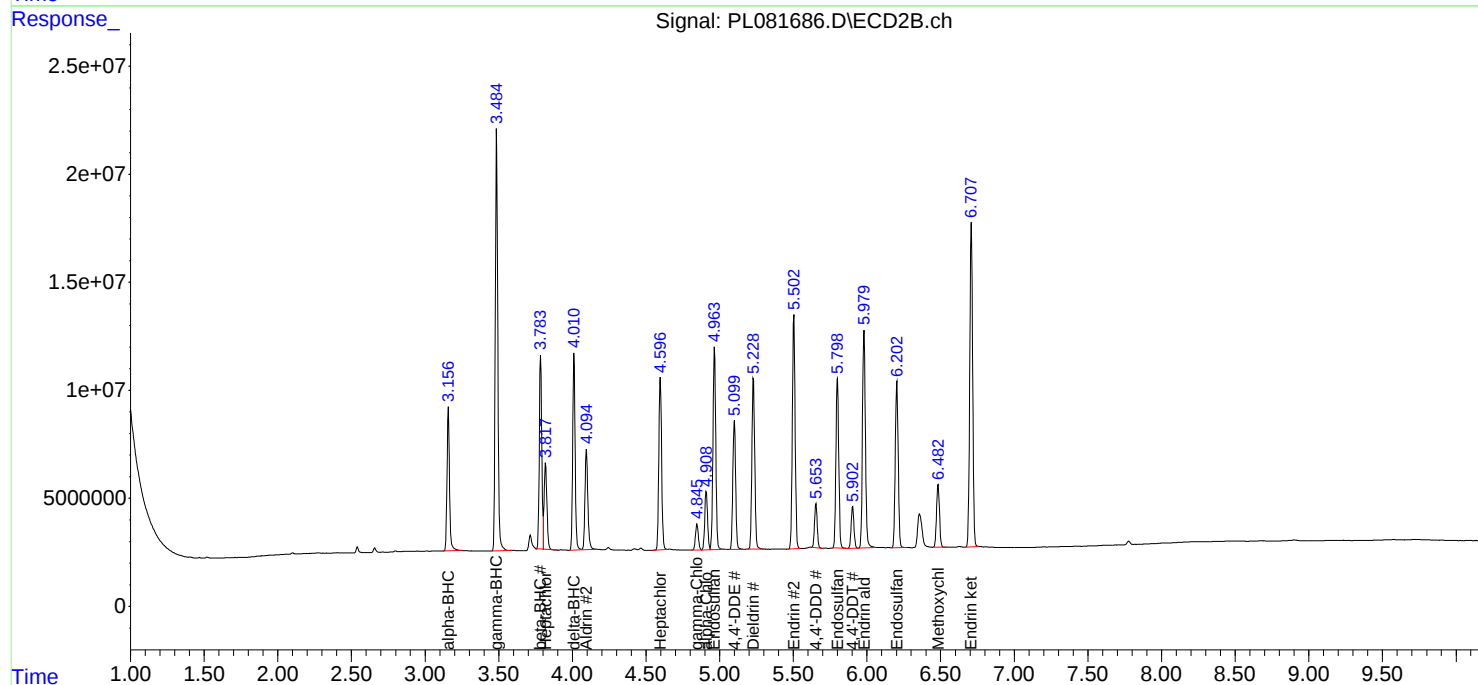
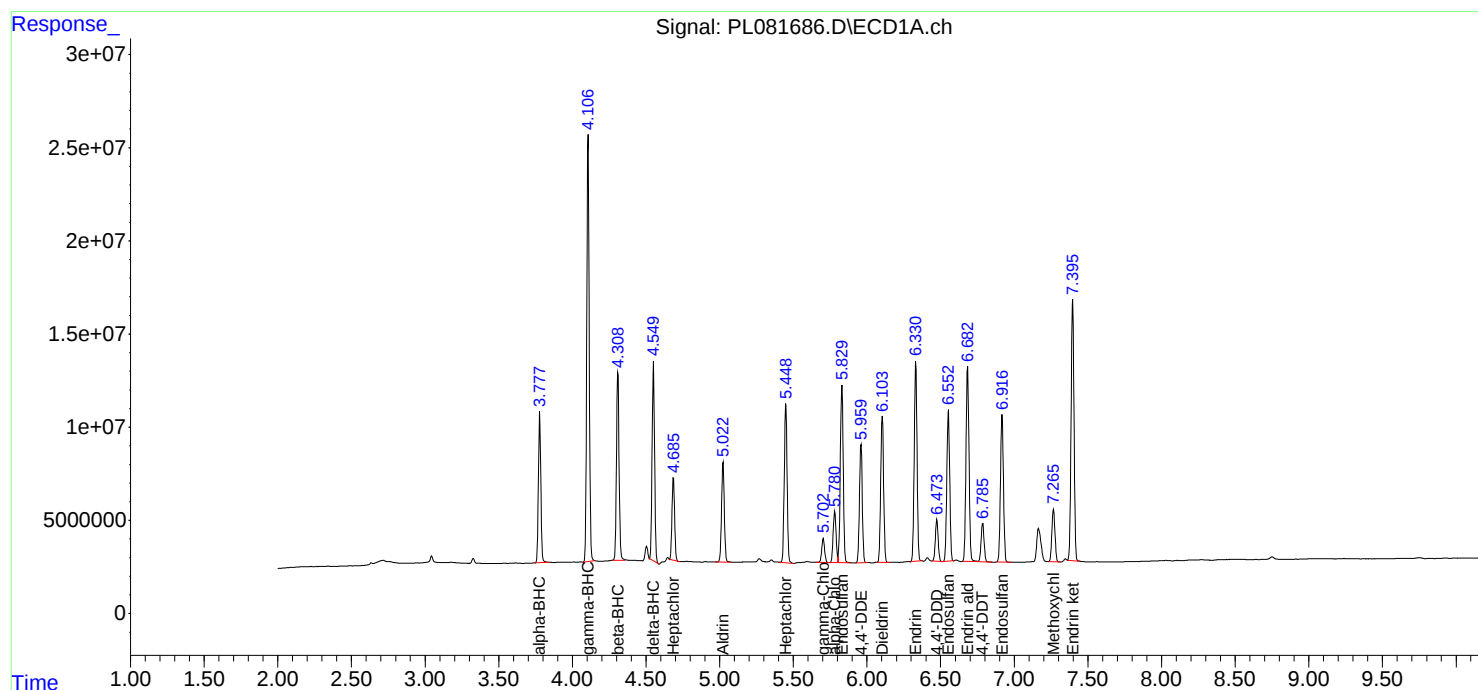
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

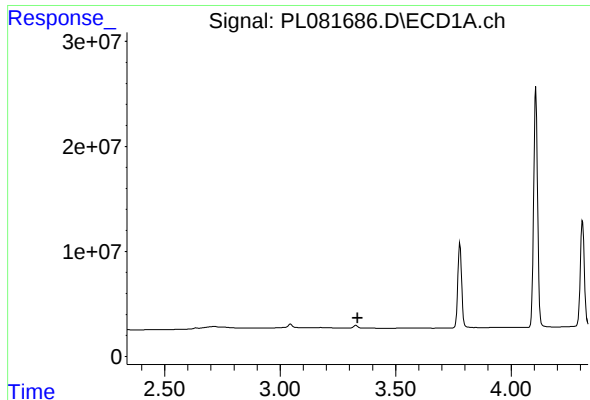
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 03:08:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





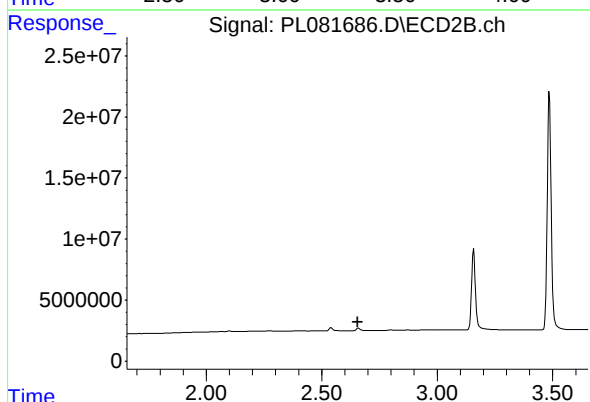
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

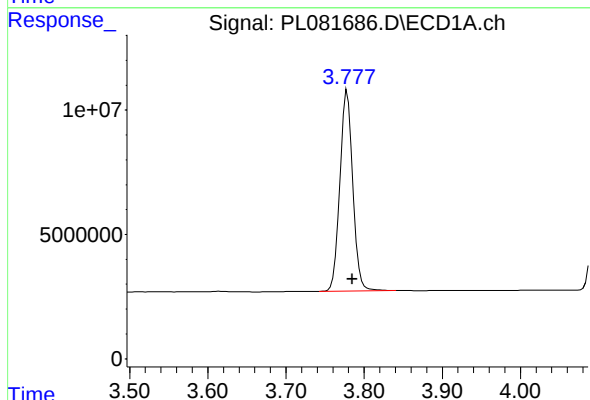
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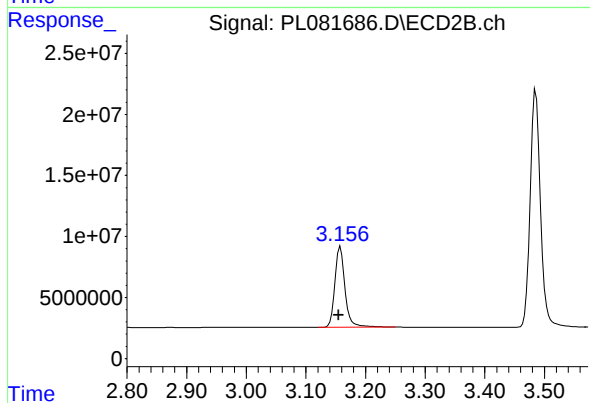
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.655 min
Response: 0
Conc: N.D.



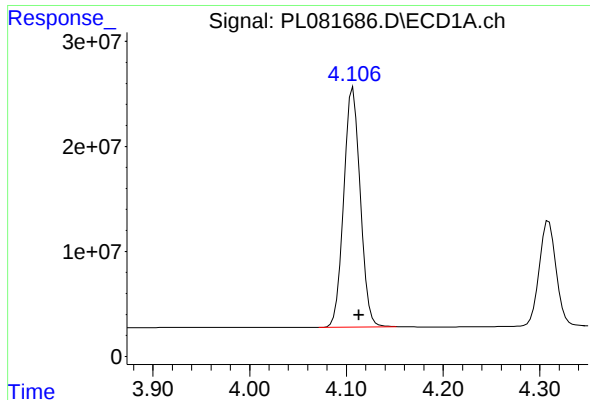
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 92681481
Conc: 27.03 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.003 min
Response: 77837323
Conc: 26.70 ng/ml



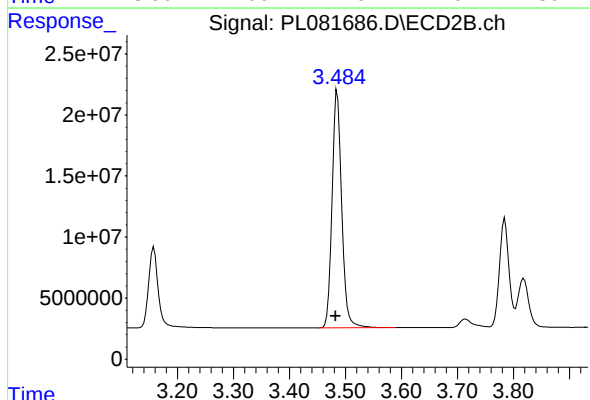
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.008 min
Response: 269024205
Conc: 84.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

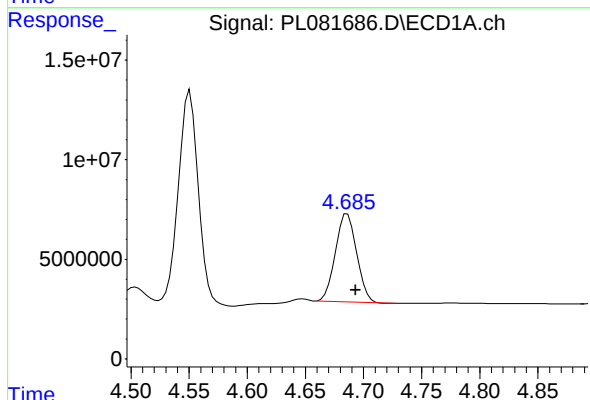
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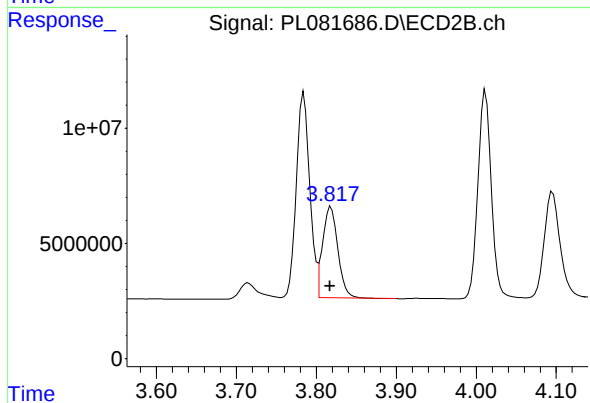
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.003 min
Response: 232453989
Conc: 83.49 ng/ml



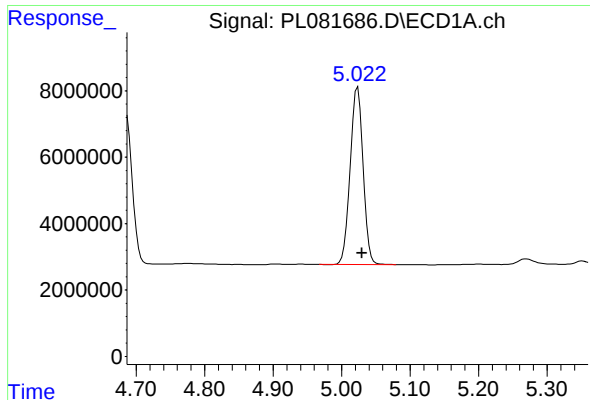
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 56349412
Conc: 17.88 ng/ml



#4 Heptachlor

R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 52290121
Conc: 18.24 ng/ml



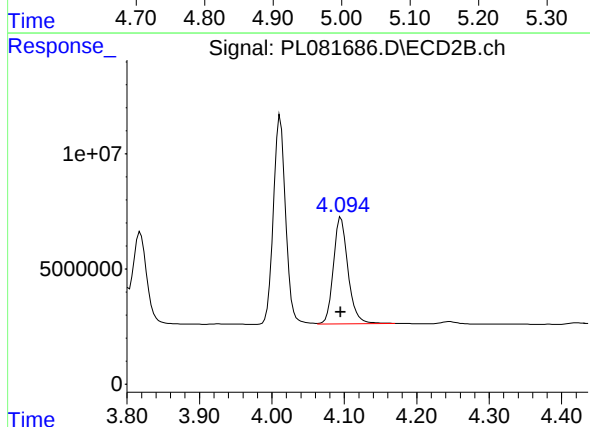
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.006 min
Response: 70004875
Conc: 24.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

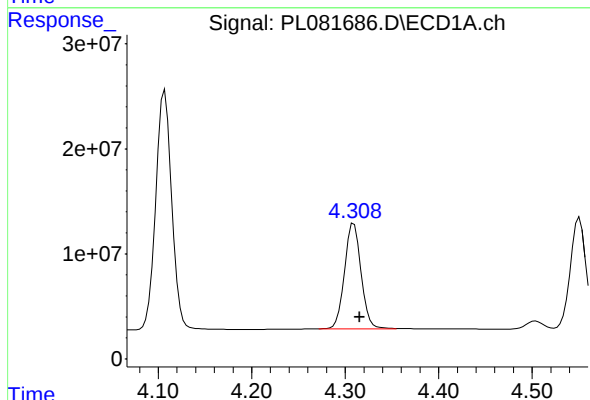
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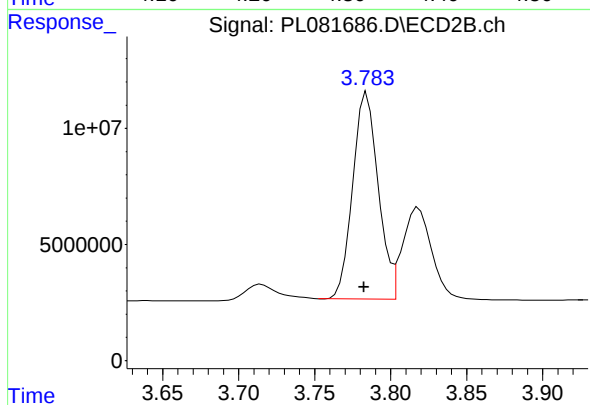
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 64543200
Conc: 24.22 ng/ml



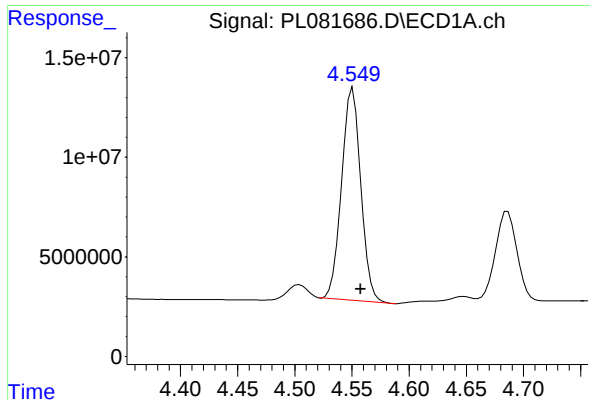
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 123605295
Conc: 82.13 ng/ml m



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 103770201
Conc: 87.13 ng/ml



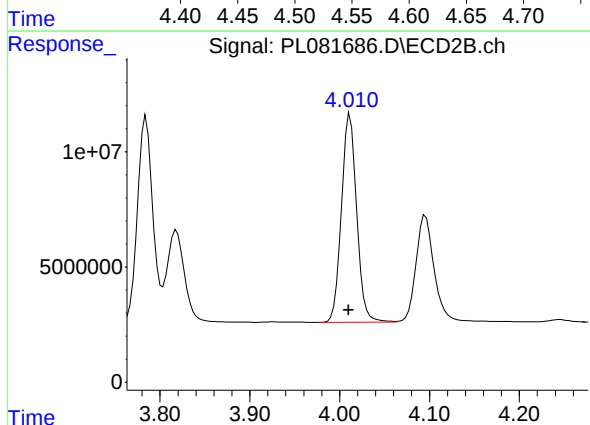
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 124935901
Conc: 41.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

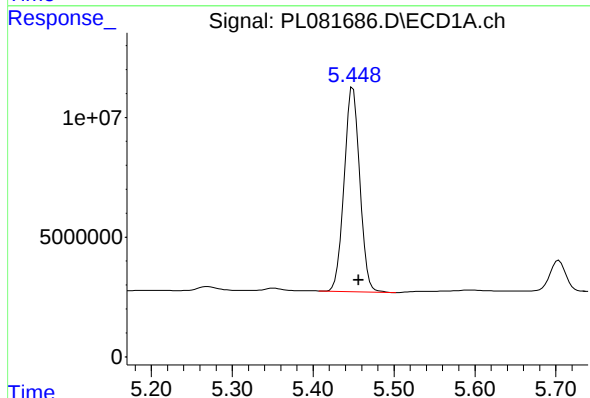
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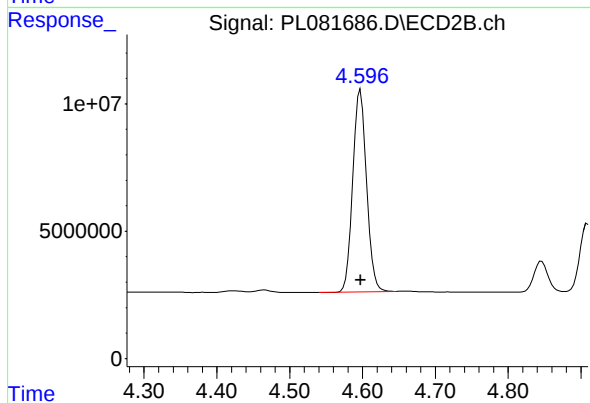
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 106112547
Conc: 41.03 ng/ml



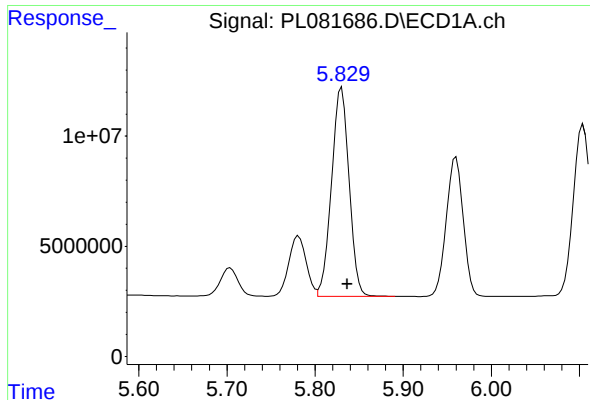
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 114762752
Conc: 42.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 104661627
Conc: 43.09 ng/ml



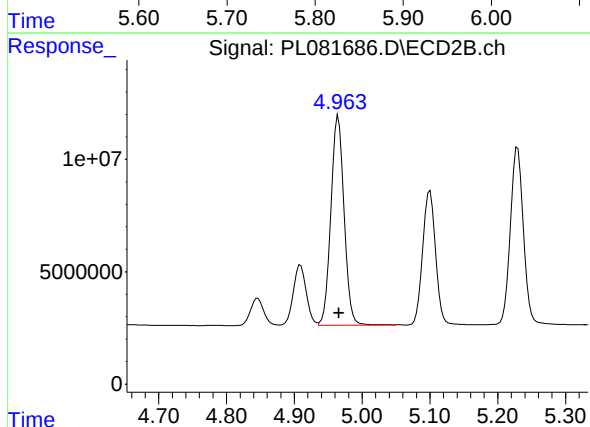
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.006 min
Response: 131327865
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

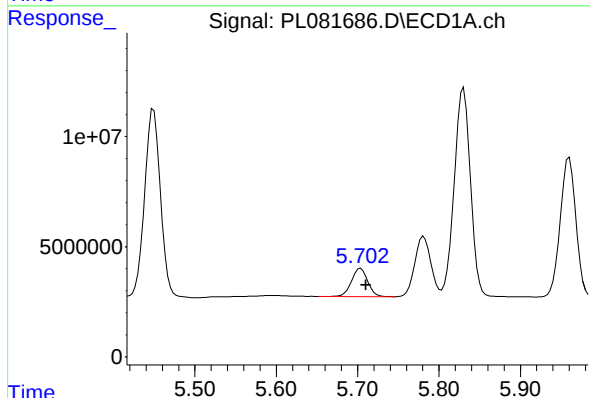
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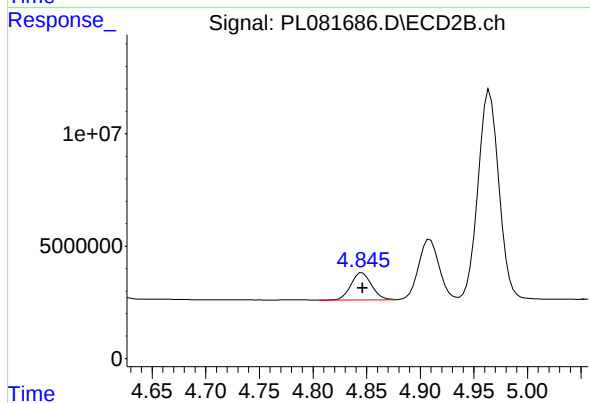
#9 Endosulfan I

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 126593771
Conc: 57.34 ng/ml



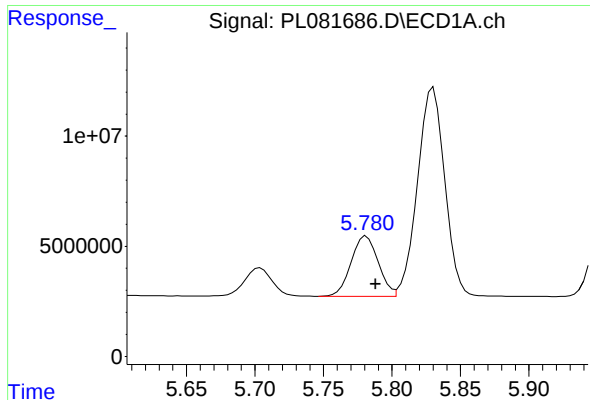
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 17712128
Conc: 6.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 16290857
Conc: 6.70 ng/ml



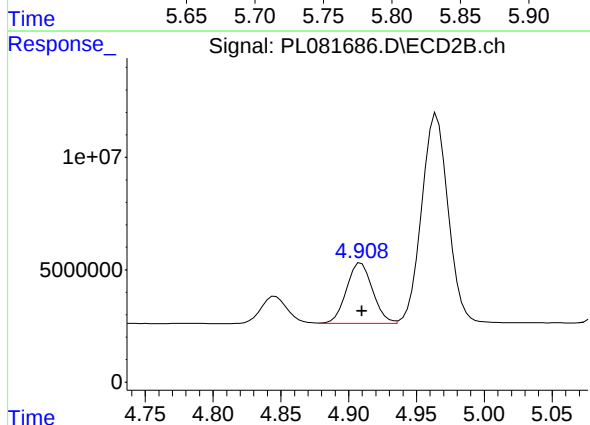
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 37702074
Conc: 14.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

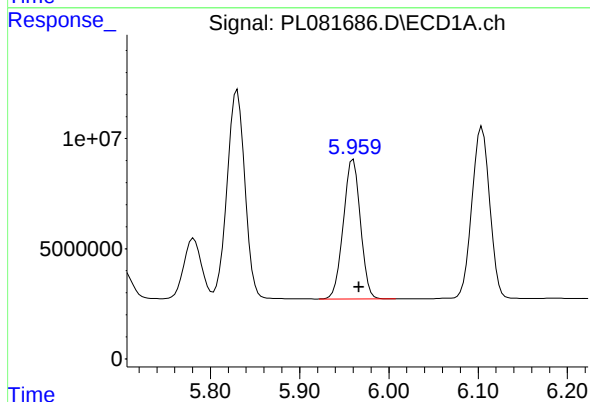
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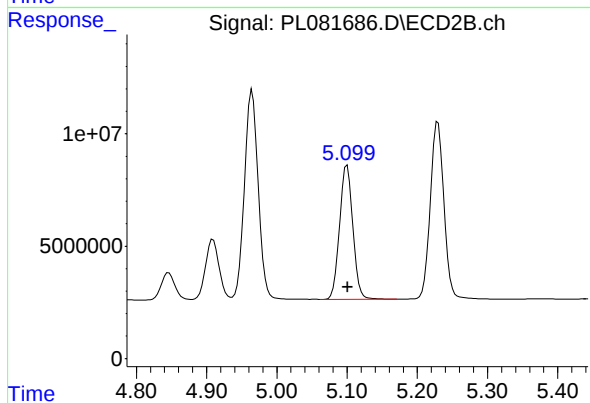
#11 alpha-Chlordane

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 35972316
Conc: 14.81 ng/ml



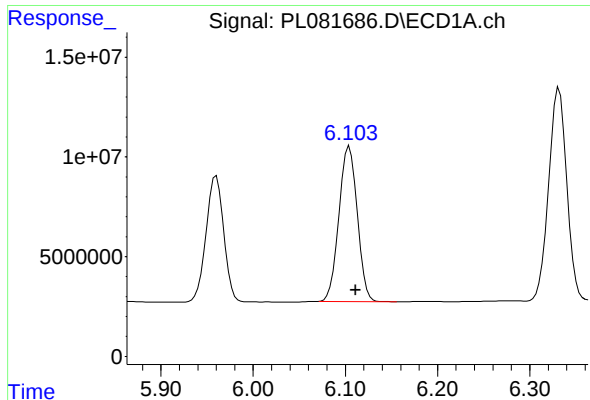
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 84244736
Conc: 37.38 ng/ml



#12 4,4'-DDE

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 78176589
Conc: 39.69 ng/ml



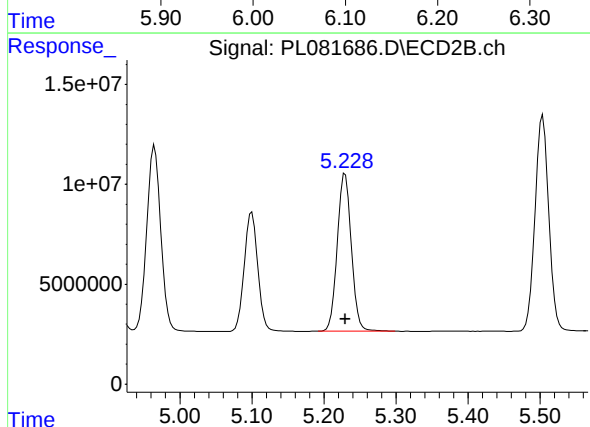
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 107378722
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

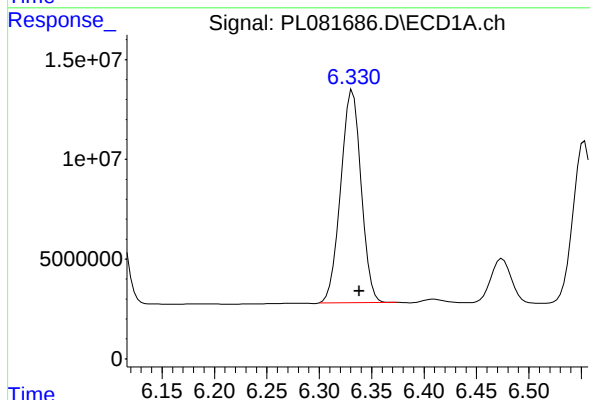
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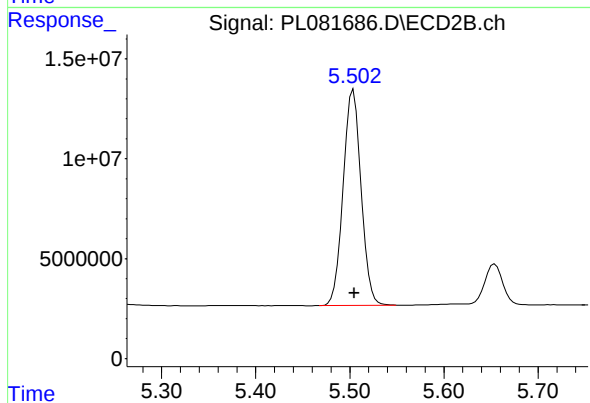
#13 Dieldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 106105472
Conc: 47.17 ng/ml



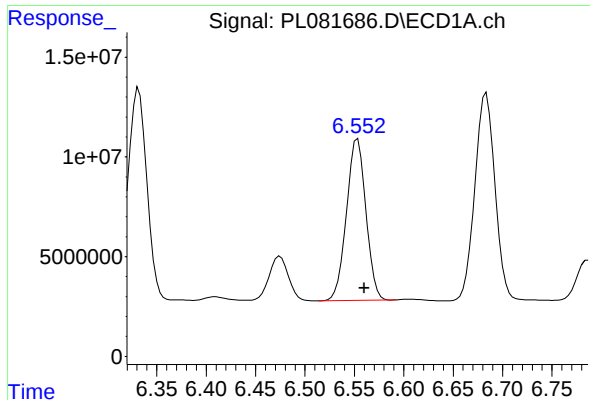
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 144799815
Conc: 68.46 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 142979708
Conc: 70.65 ng/ml



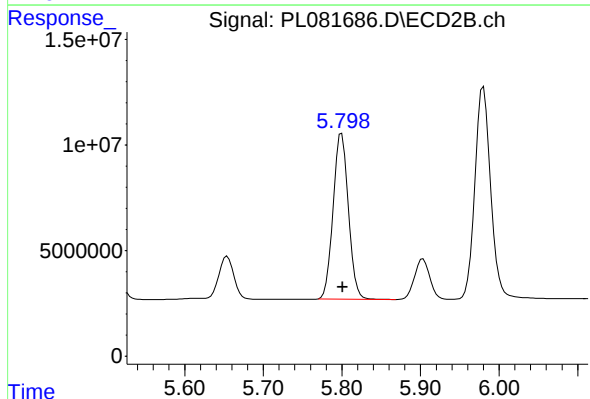
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 110583529
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

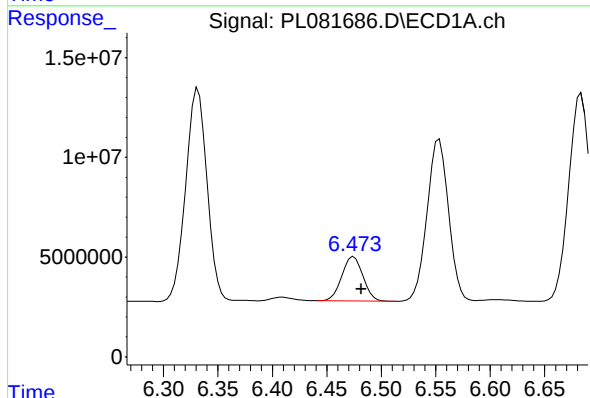
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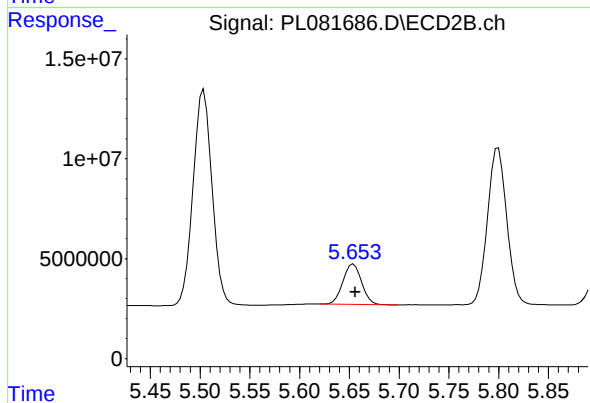
#15 Endosulfan II

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 105703481
Conc: 58.27 ng/ml



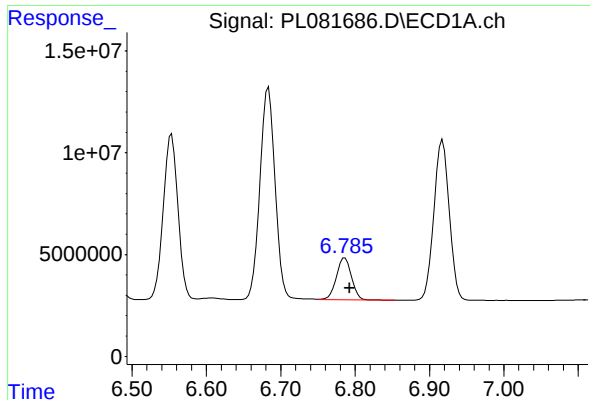
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 29900007
Conc: 16.58 ng/ml



#16 4,4'-DDD

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 26350378
Conc: 17.36 ng/ml



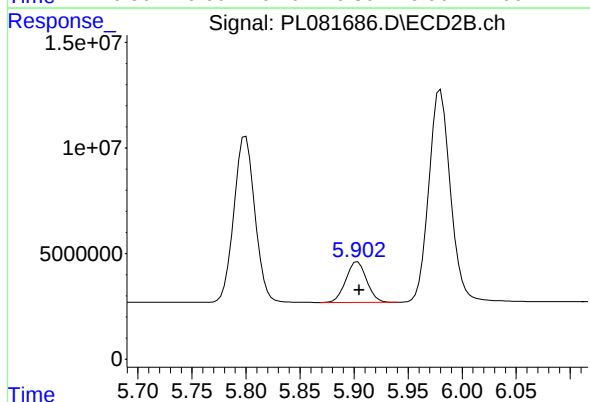
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 29266092
Conc: 14.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

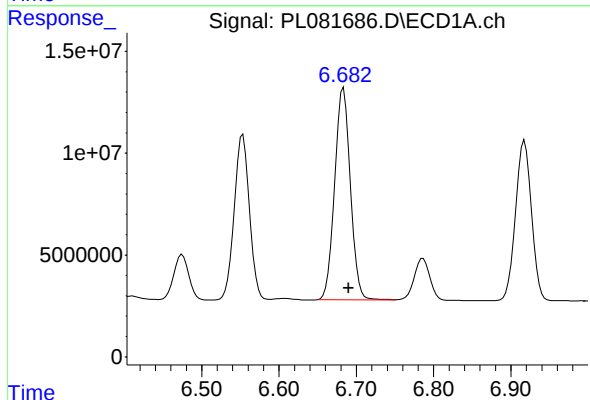
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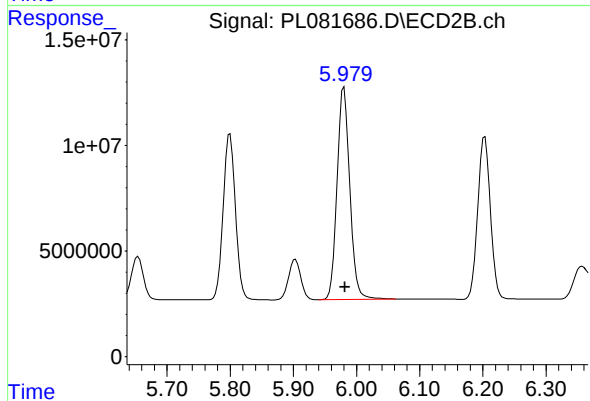
#17 4,4'-DDT

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 25763448
Conc: 14.95 ng/ml



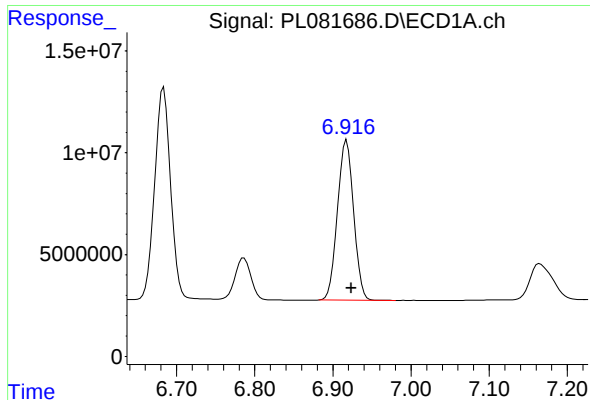
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 147662751
Conc: 90.25 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 140519110
Conc: 90.48 ng/ml



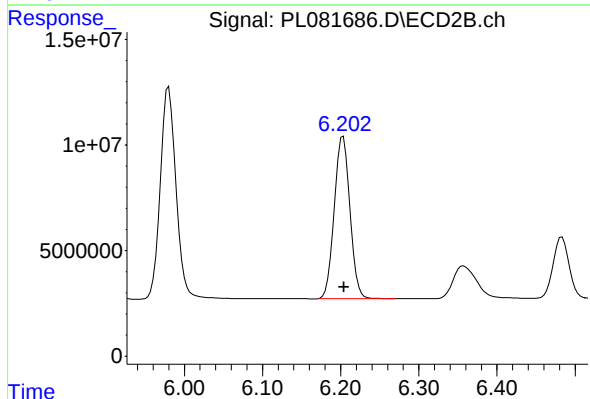
#19 Endosulfan Sulfate

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 112879404
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

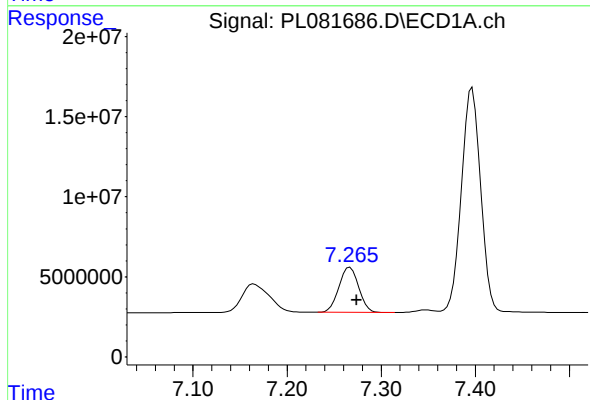
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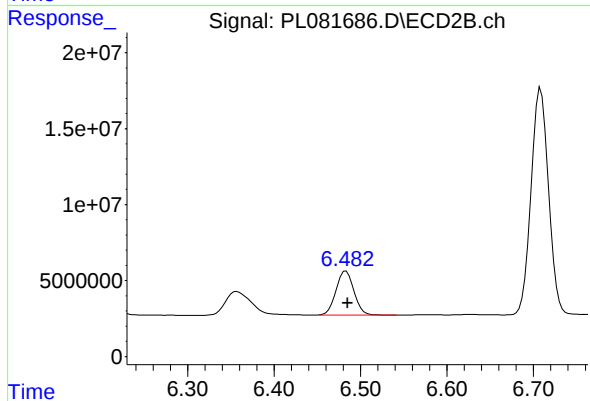
#19 Endosulfan Sulfate

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 107090339
Conc: 55.04 ng/ml



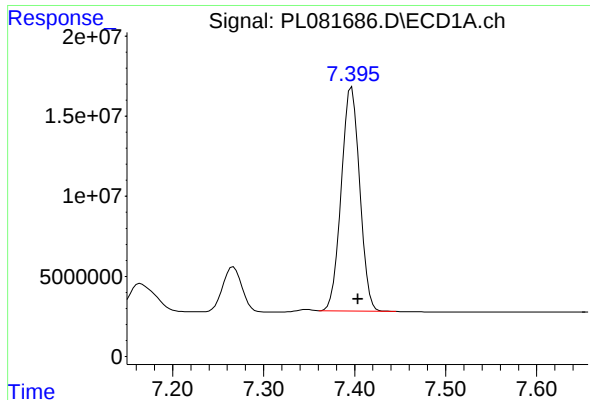
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 41172561
Conc: 38.23 ng/ml



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 40925095
Conc: 41.09 ng/ml



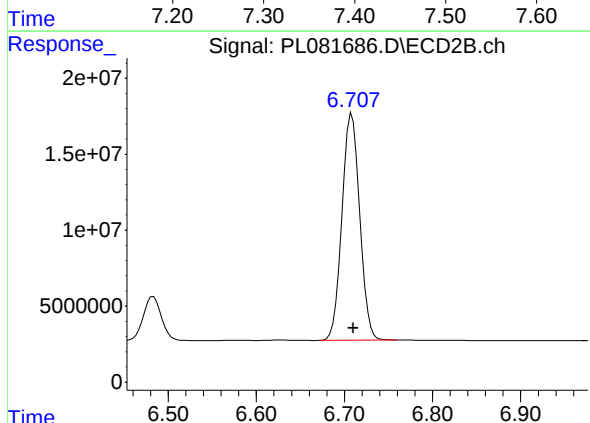
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 197079049
Conc: 94.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

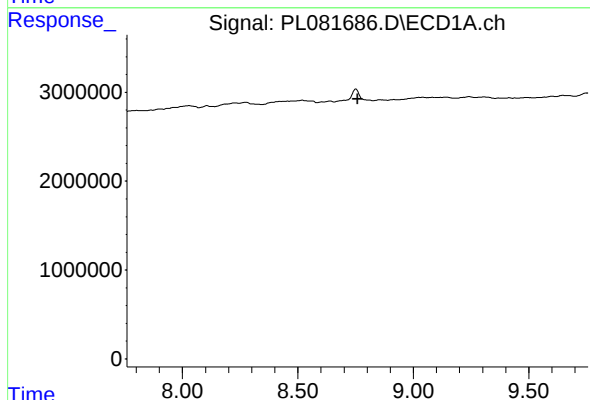
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
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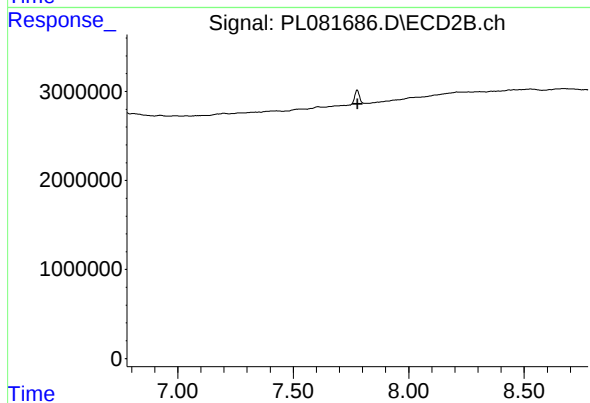
#21 Endrin ketone

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 209468238
Conc: 98.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.760 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 7.779 min
Response: 0
Conc: N.D.