

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
 Data File : PL081407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 15:54
 Operator : AR\AJ
 Sample : PB151347BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151347BSD

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 21:22:12 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...	3.336	2.661	44608852	40045383	20.647	19.787
28) SA Decachlor...	8.761	7.786	36119289	43688266	23.692	22.807
Target Compounds						
2) A alpha-BHC	3.785	3.162	144.2E6	125.8E6	45.342	42.925
3) MA gamma-BHC...	4.114	3.490	132.5E6	118.6E6	44.796	43.093
4) MA Heptachlor	4.694	3.824	130.1E6	125.3E6	47.147	45.419
5) MB Aldrin	5.031	4.102	117.7E6	114.9E6	46.247	43.835
6) B beta-BHC	4.316	3.789	57506277	48958760	41.778	42.183
7) B delta-BHC	4.558	4.017	122.0E6	109.2E6	43.883	42.875
8) B Heptachlo...	5.457	4.604	106.2E6	107.3E6	45.002	44.374
9) A Endosulfan I	5.838	4.972	98773785	100.6E6	46.752	44.440
10) B gamma-Chl...	5.712	4.854	109.8E6	108.1E6	48.117	44.176
11) B alpha-Chl...	5.789	4.917	106.3E6	108.3E6	47.191	44.230
12) B 4,4'-DDE	5.967	5.108	90541359	88353434	46.275	45.013
13) MA Dieldrin	6.112	5.237	98172121	101.6E6	46.905	45.088
14) MA Endrin	6.339	5.512	86438978	91799849	47.560	45.680
15) B Endosulfa...	6.561	5.808	79768856	83166174	45.752	45.108
16) A 4,4'-DDD	6.483	5.663	72766417	69124224	47.270	45.058
17) MA 4,4'-DDT	6.794	5.912	77962655	78188085	49.116	48.736
18) B Endrin al...	6.689	5.989	66185508	67761890	46.240m	44.726
19) B Endosulfa...	6.926	6.212	83434424	85196317	46.469	44.326
20) A Methoxychlor	7.274	6.492	42431085	43470331	49.260	46.838
21) B Endrin ke...	7.405	6.717	84867075	92780618	46.784	43.092
22) Mirex	7.869	6.890	68410313	87171560	46.885	45.292

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
Data File : PL081407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 15:54
Operator : AR\AJ
Sample : PB151347BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

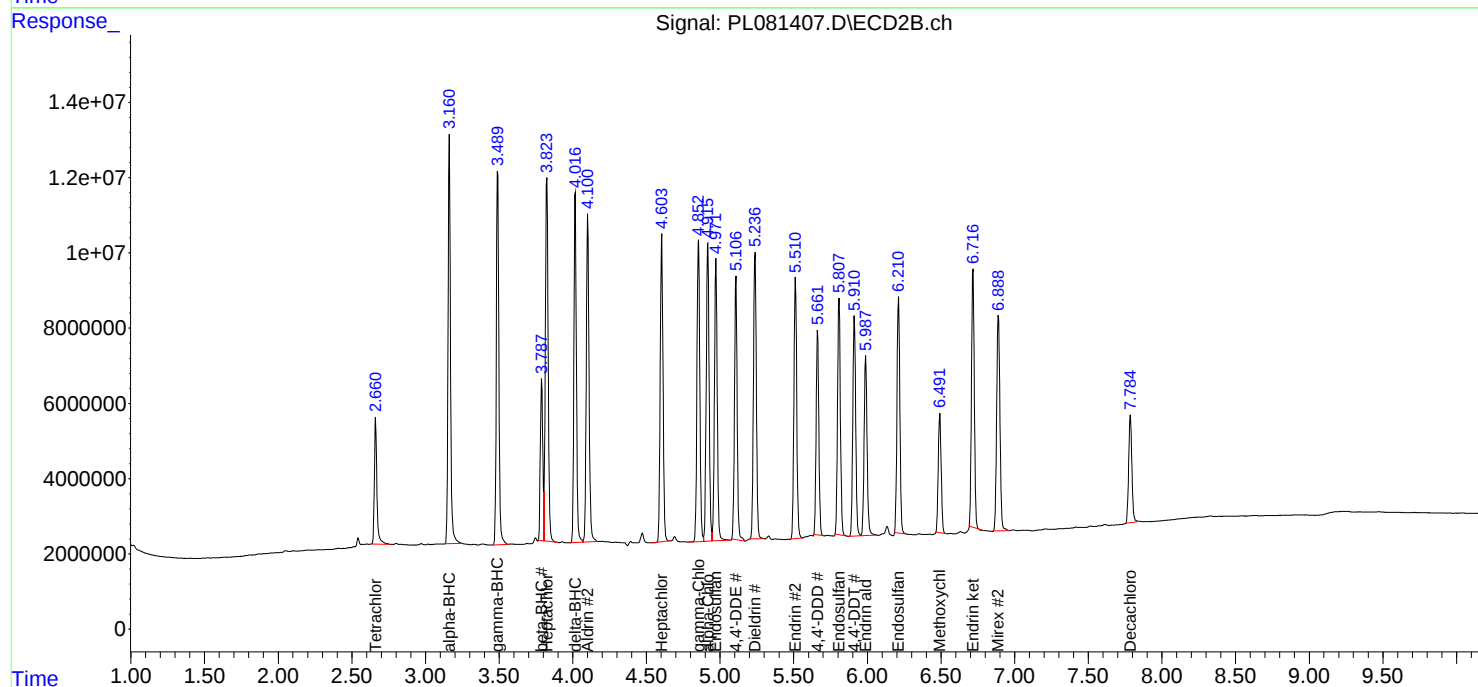
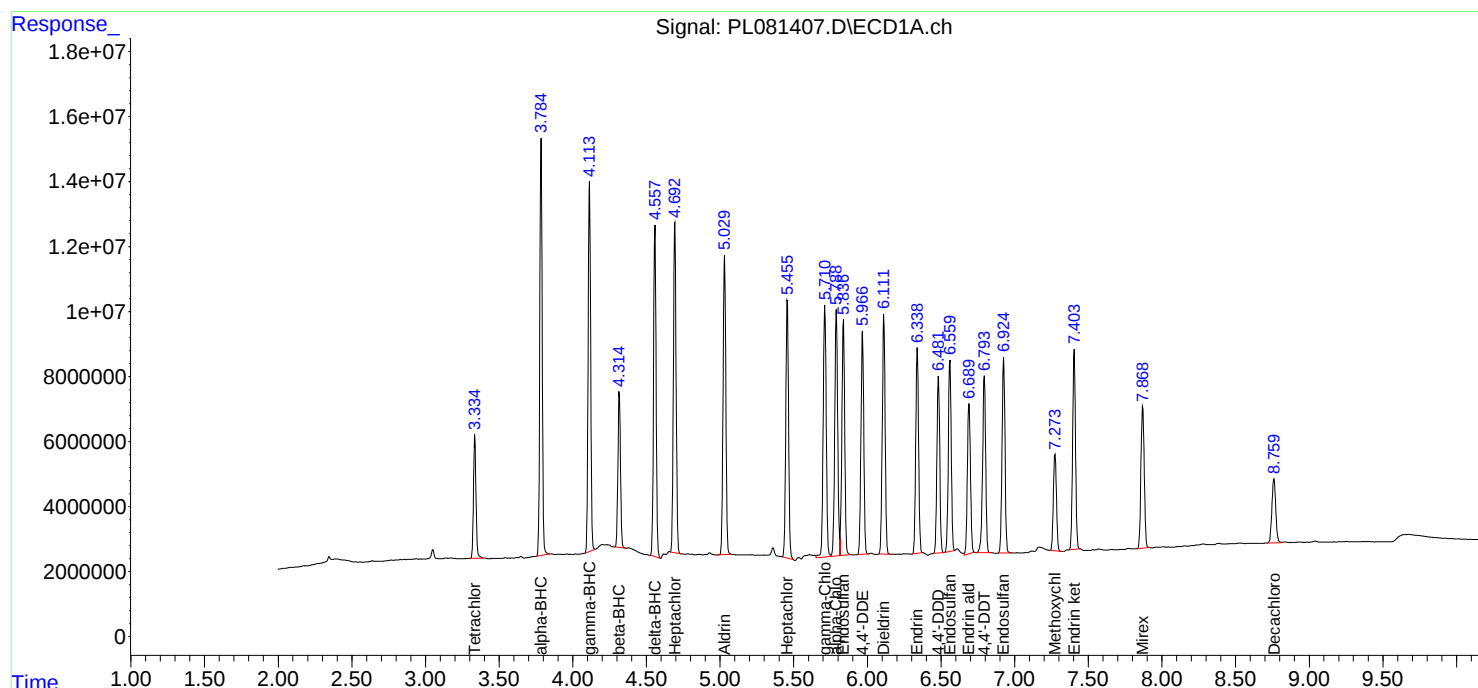
Instrument :
ECD_L
ClientSampleId :
PB151347BSD

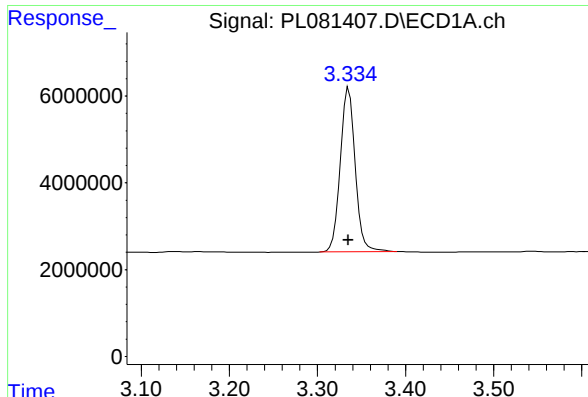
Manual Integrations
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Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 21:22:12 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





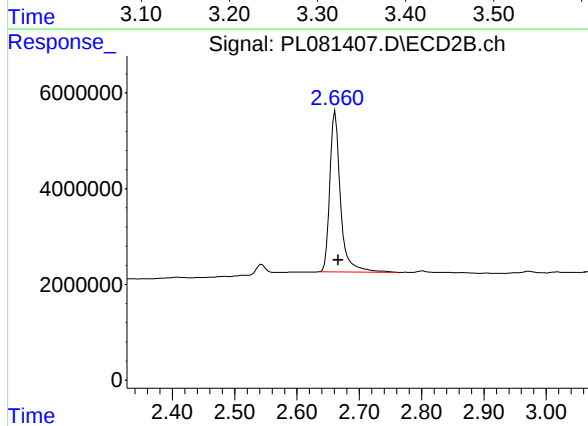
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.000 min
Response: 44608852
Conc: 20.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

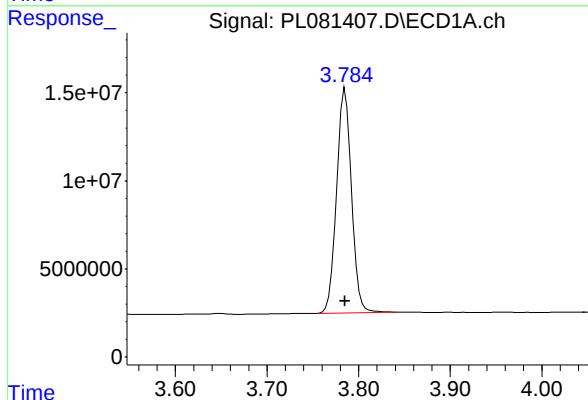
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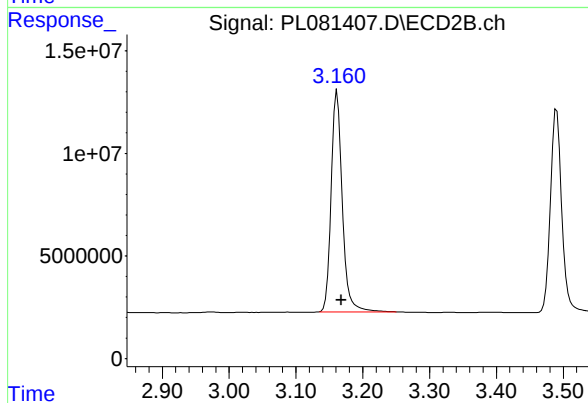
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 40045383
Conc: 19.79 ng/ml



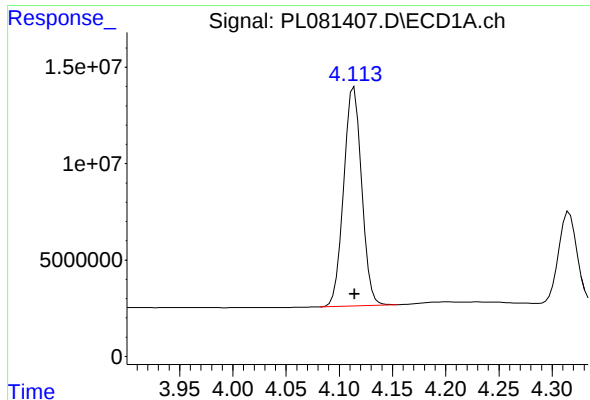
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 144245695
Conc: 45.34 ng/ml



#2 alpha-BHC

R.T.: 3.162 min
Delta R.T.: -0.006 min
Response: 125796495
Conc: 42.92 ng/ml



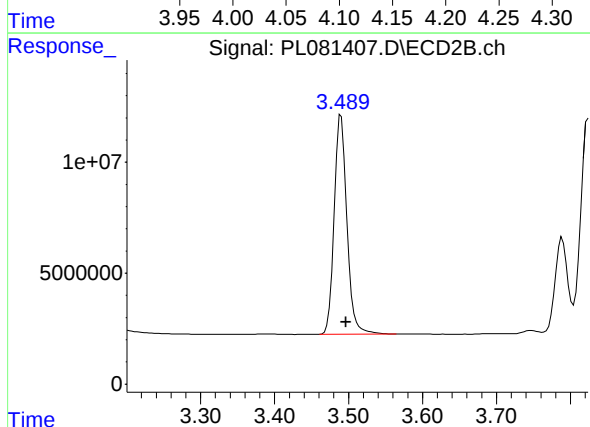
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 132533548
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

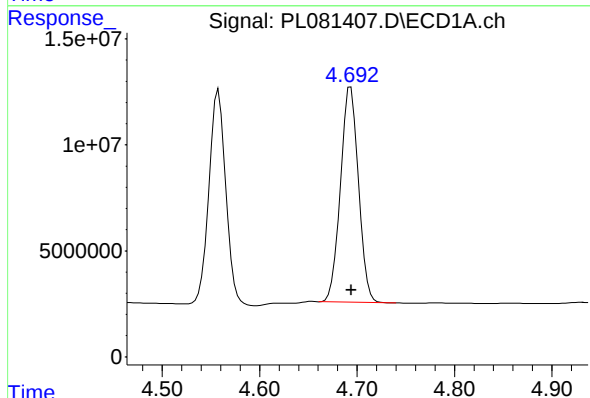
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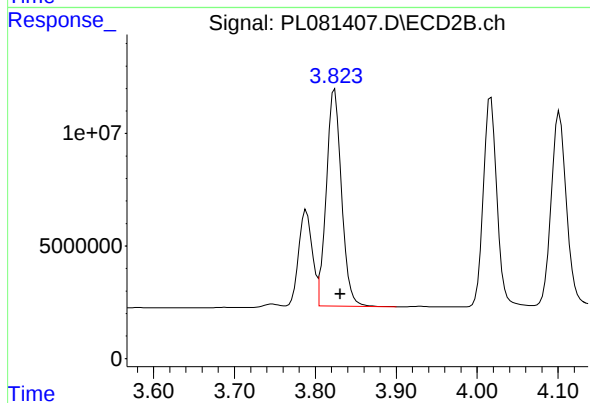
#3 gamma-BHC (Lindane)

R.T.: 3.490 min
Delta R.T.: -0.006 min
Response: 118552203
Conc: 43.09 ng/ml



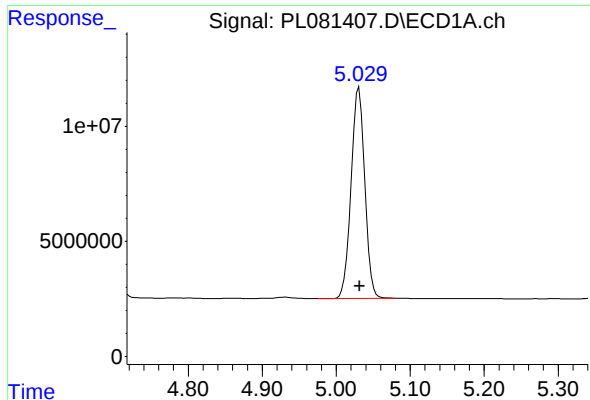
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 130095739
Conc: 47.15 ng/ml



#4 Heptachlor

R.T.: 3.824 min
Delta R.T.: -0.007 min
Response: 125335720
Conc: 45.42 ng/ml



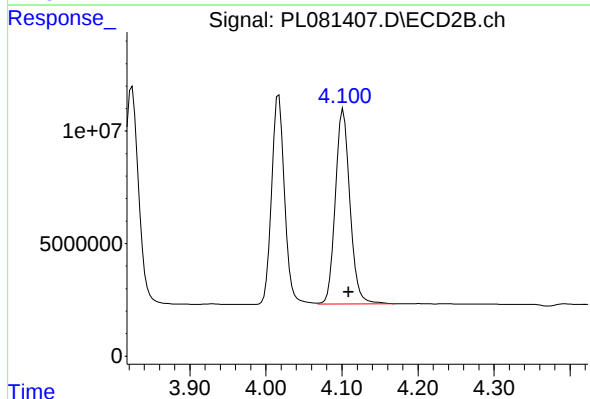
#5 Aldrin

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 117659692
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

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#5 Aldrin

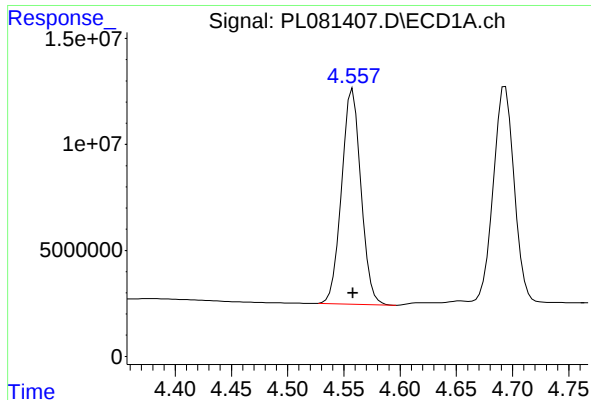
R.T.: 4.102 min
Delta R.T.: -0.007 min
Response: 114922646
Conc: 43.83 ng/ml

#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 57506277
Conc: 41.78 ng/ml

#6 beta-BHC

R.T.: 3.789 min
Delta R.T.: -0.006 min
Response: 48958760
Conc: 42.18 ng/ml



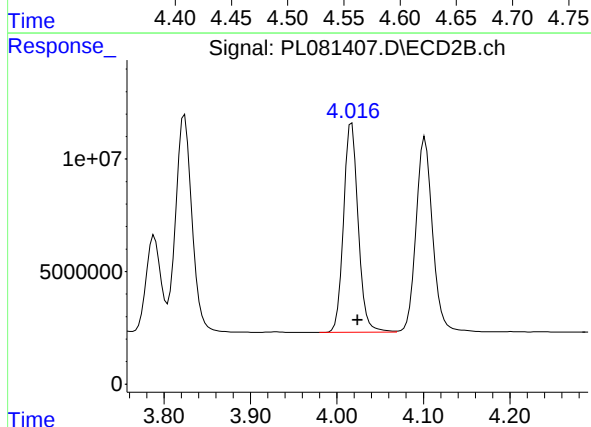
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 121958514
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

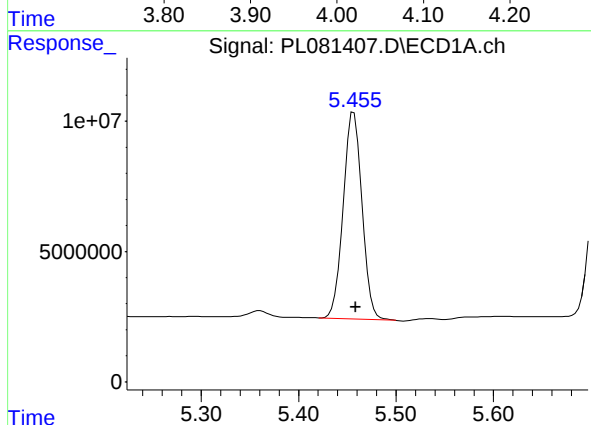
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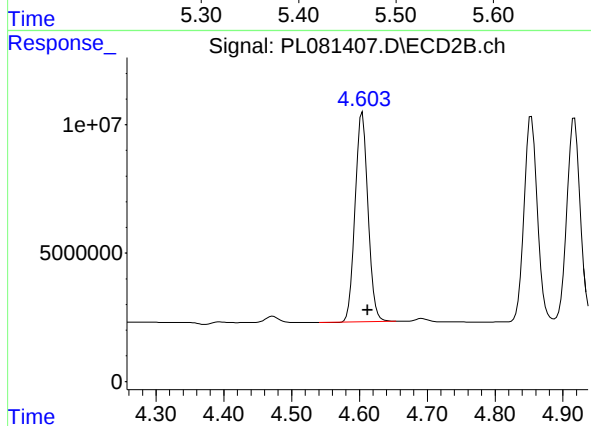
#7 delta-BHC

R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 109188025
Conc: 42.88 ng/ml



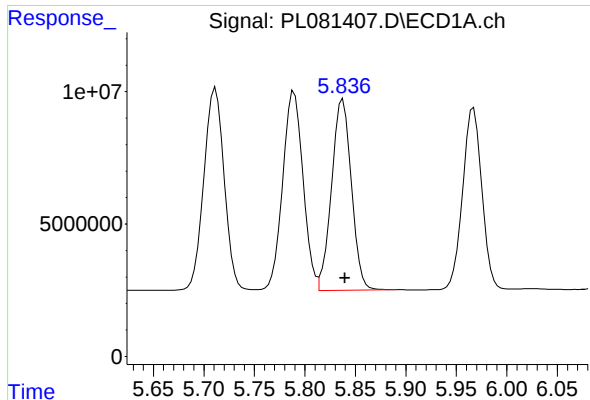
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.002 min
Response: 106204318
Conc: 45.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.604 min
Delta R.T.: -0.008 min
Response: 107300476
Conc: 44.37 ng/ml



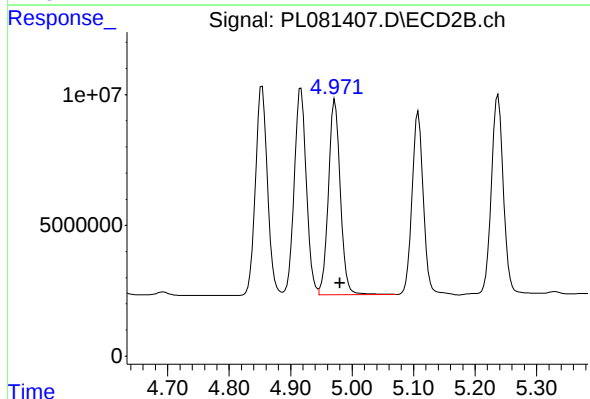
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 98773785
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

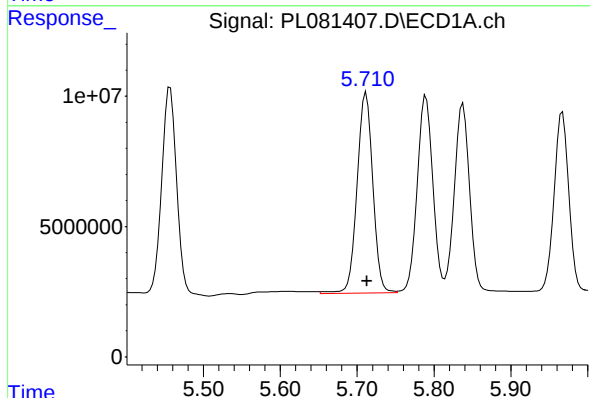
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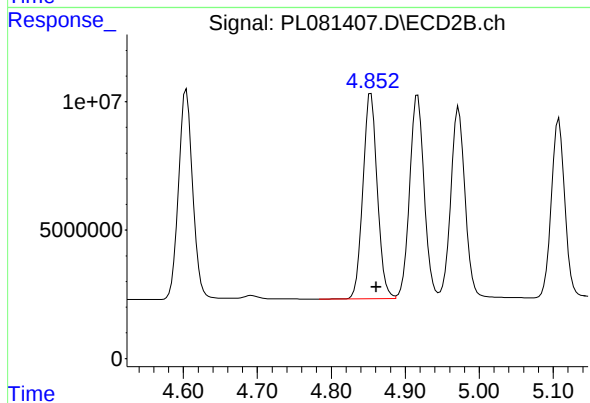
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 100598070
Conc: 44.44 ng/ml



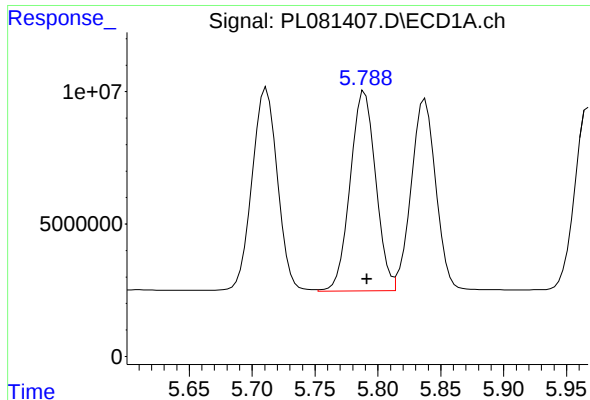
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 109798104
Conc: 48.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 108131252
Conc: 44.18 ng/ml



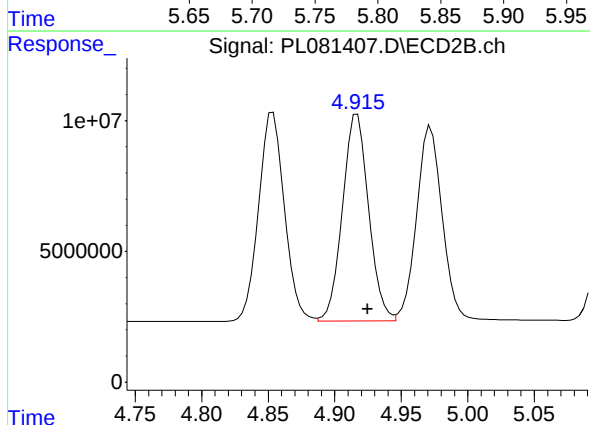
#11 alpha-Chlordane

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 106317278
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

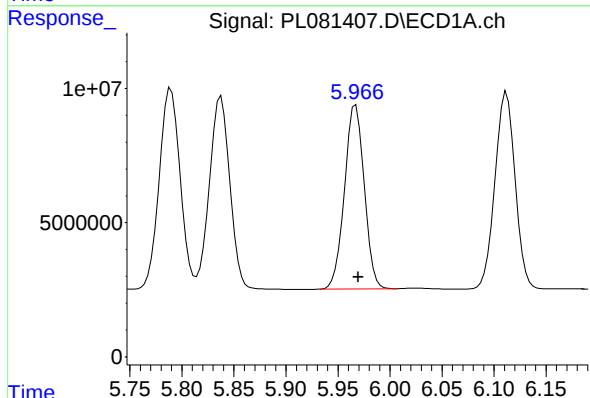
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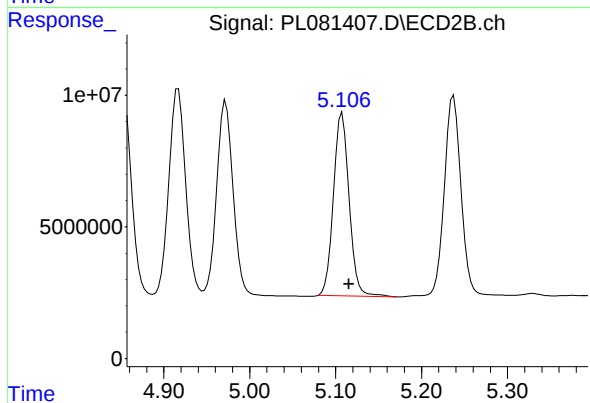
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 108299051
Conc: 44.23 ng/ml



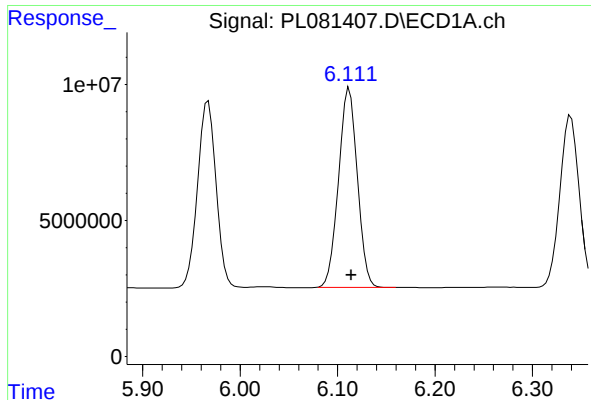
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 90541359
Conc: 46.27 ng/ml



#12 4,4'-DDE

R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 88353434
Conc: 45.01 ng/ml



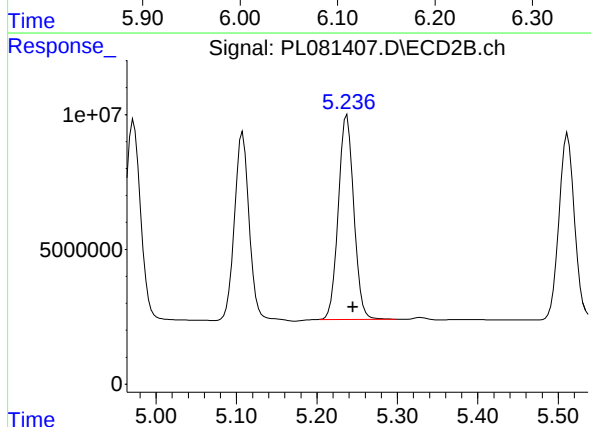
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 98172121
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

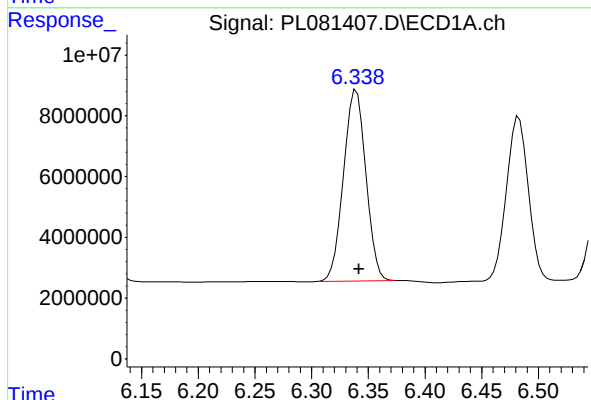
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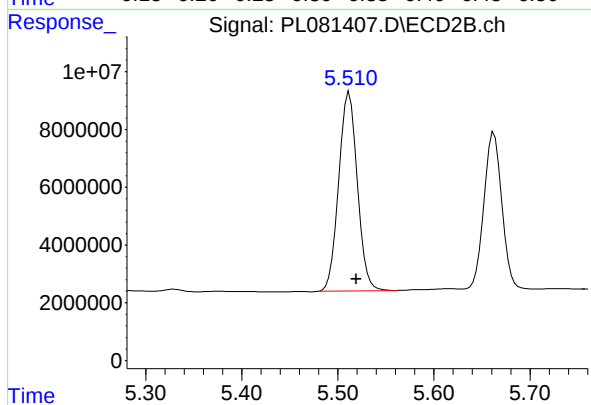
#13 Dieldrin

R.T.: 5.237 min
Delta R.T.: -0.007 min
Response: 101643364
Conc: 45.09 ng/ml



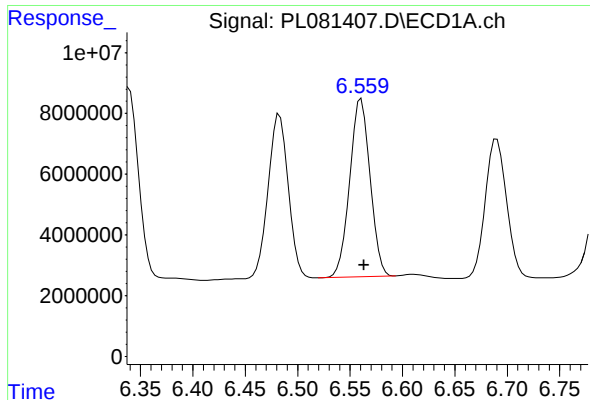
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 86438978
Conc: 47.56 ng/ml



#14 Endrin

R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 91799849
Conc: 45.68 ng/ml



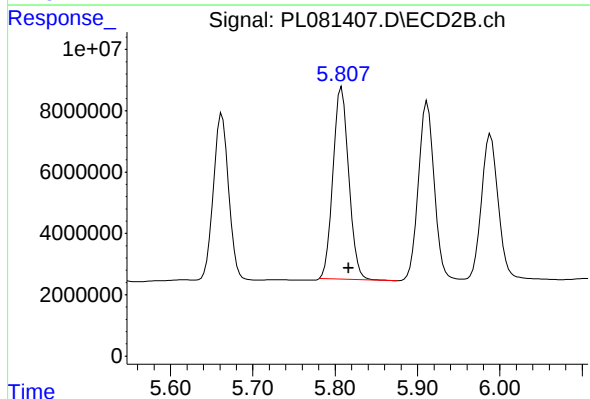
#15 Endosulfan II

R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 79768856
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

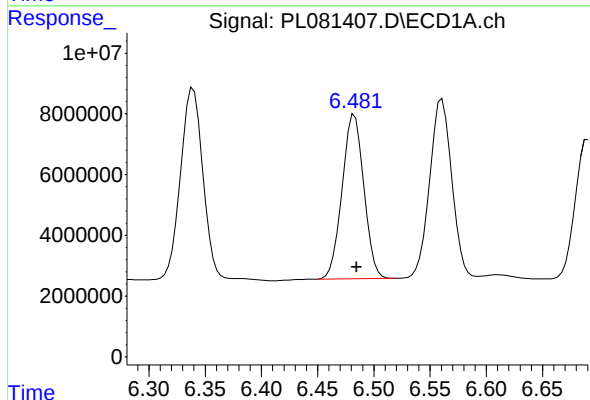
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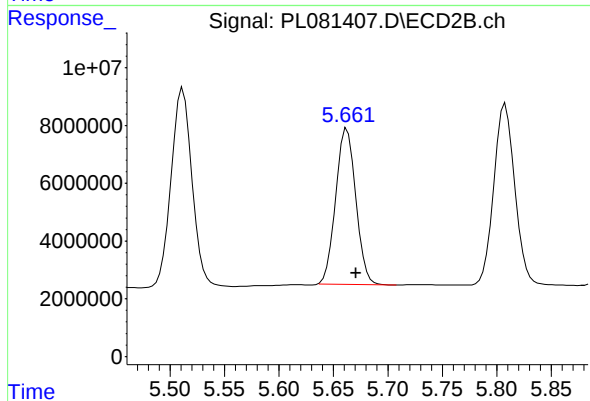
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 83166174
Conc: 45.11 ng/ml



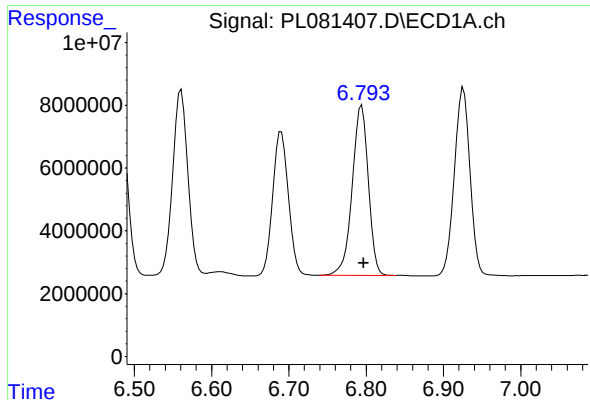
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 72766417
Conc: 47.27 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 69124224
Conc: 45.06 ng/ml



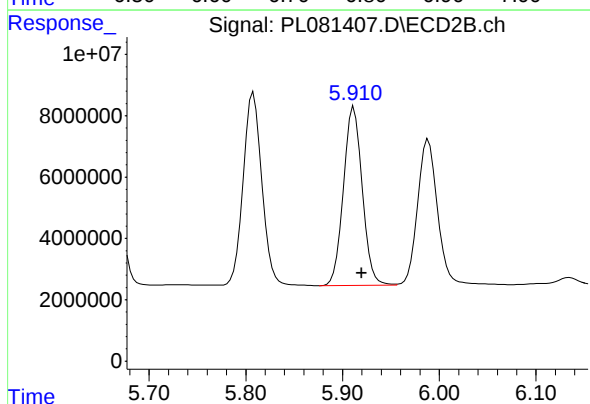
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 77962655
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

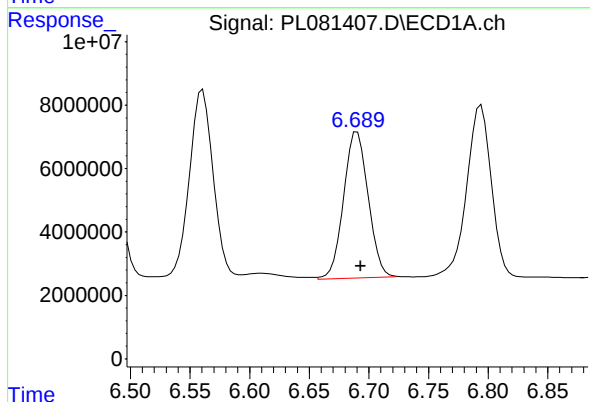
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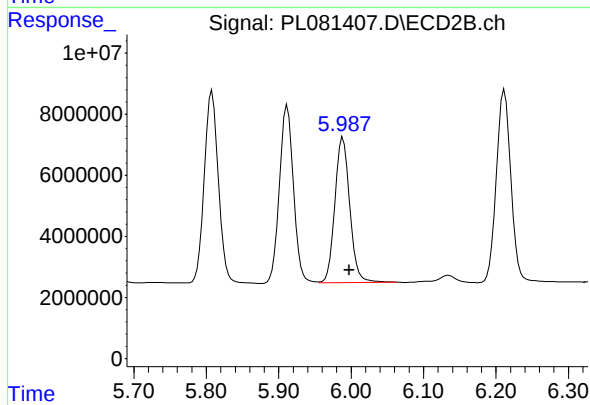
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 78188085
Conc: 48.74 ng/ml



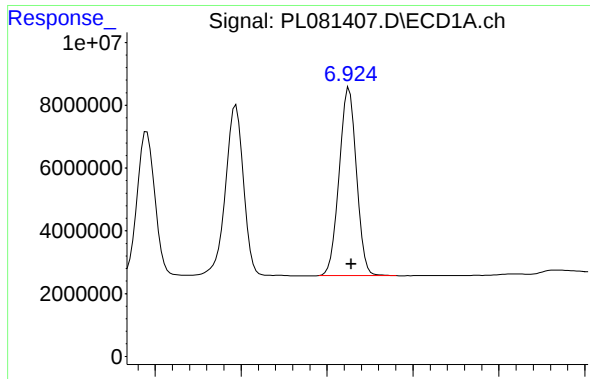
#18 Endrin aldehyde

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 66185508
Conc: 46.24 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.009 min
Response: 67761890
Conc: 44.73 ng/ml



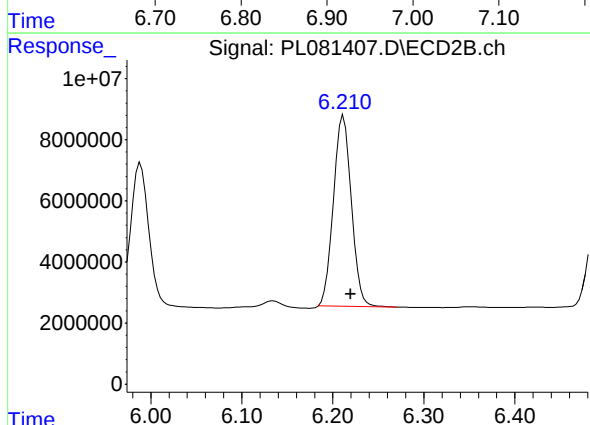
#19 Endosulfan Sulfate

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 83434424
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

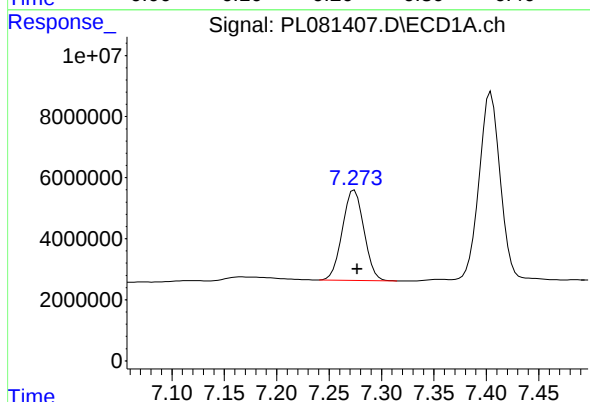
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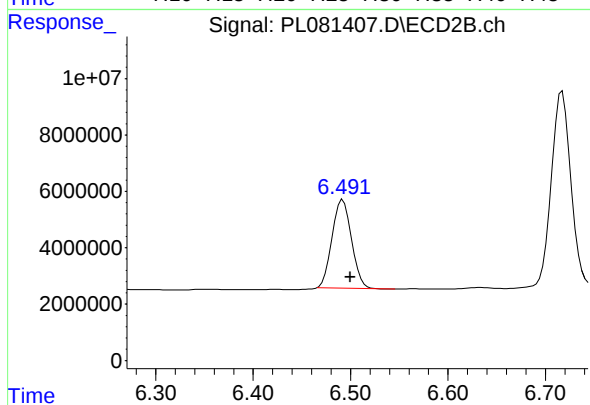
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 85196317
Conc: 44.33 ng/ml



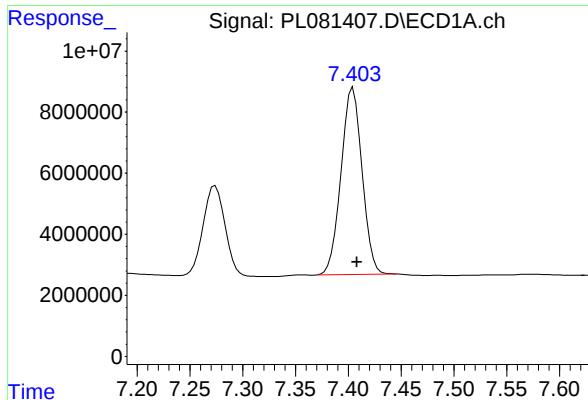
#20 Methoxychlor

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 42431085
Conc: 49.26 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 43470331
Conc: 46.84 ng/ml



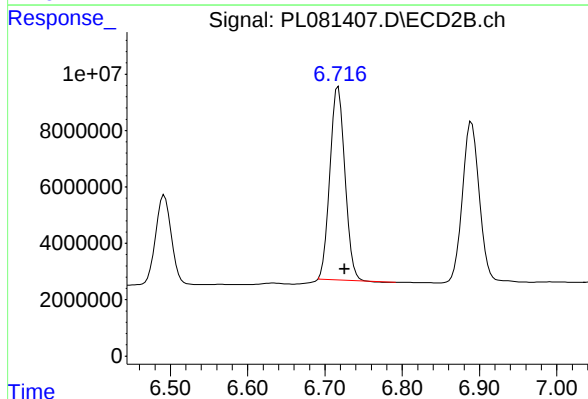
#21 Endrin ketone

R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 84867075
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

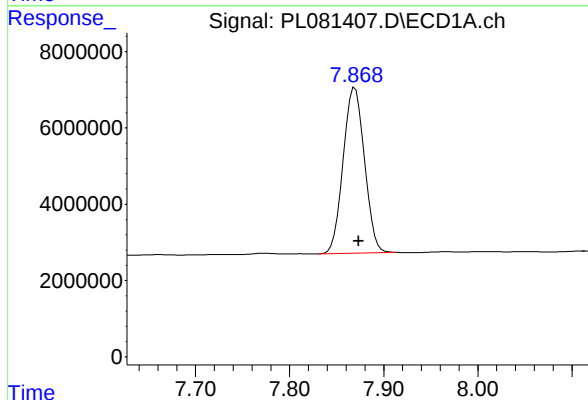
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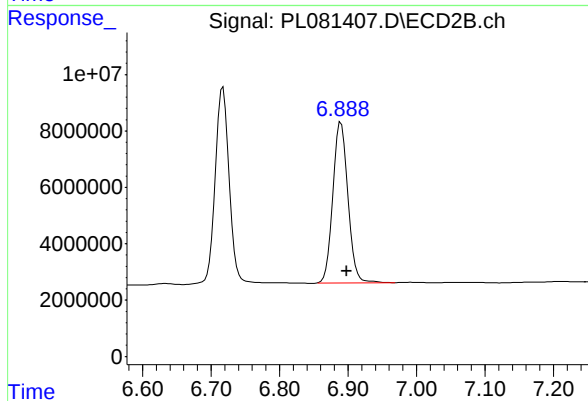
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 92780618
Conc: 43.09 ng/ml



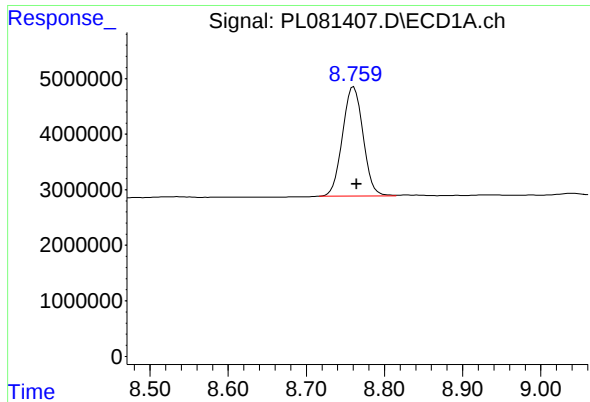
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.004 min
Response: 68410313
Conc: 46.88 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 87171560
Conc: 45.29 ng/ml



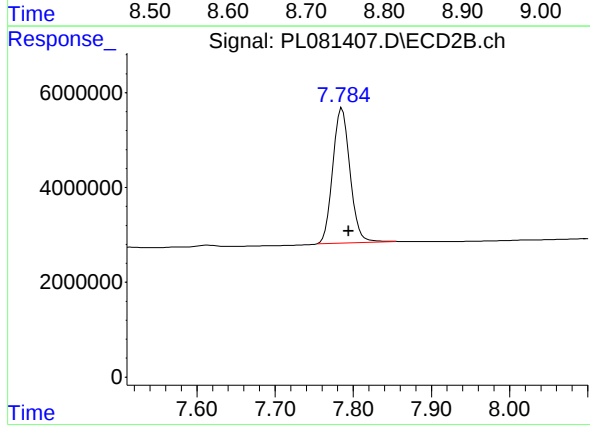
#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.004 min
Response: 36119289
Conc: 23.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151347BSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 43688266
Conc: 22.81 ng/ml