

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030623\
 Data File : PL081264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2023 14:34
 Operator : AR\AJ
 Sample : PB151232BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151232BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/07/2023
 Supervised By : Ankita Jodhani 03/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 20:41:22 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...	3.339	2.663	56983122	50843859	26.374	25.123
28)	SA Decachlor...	8.767	7.791	41312147	49372008	27.098	25.774
Target Compounds							
2)	A alpha-BHC	3.790	3.165	166.5E6	142.5E6	52.351	48.641
3)	MA gamma-BHC...	4.119	3.493	159.1E6	139.6E6	53.781	50.736
4)	MA Heptachlor	4.699	3.827	143.3E6	135.5E6	51.936	49.090
5)	MB Aldrin	5.036	4.105	139.2E6	129.1E6	54.732	49.246
6)	B beta-BHC	4.321	3.793	67989969	58337217	49.394	50.264
7)	B delta-BHC	4.563	4.021	143.4E6	125.6E6	51.597	49.302
8)	B Heptachlo...	5.462	4.609	108.6E6	119.8E6	46.024	49.531
9)	A Endosulfan I	5.842	4.977	104.4E6	111.6E6	49.412	49.305
10)	B gamma-Chl...	5.716	4.858	112.7E6	119.6E6	49.380	48.854
11)	B alpha-Chl...	5.795	4.921	112.8E6	120.4E6	50.082	49.179
12)	B 4,4'-DDE	5.973	5.112	103.8E6	103.0E6	53.028	52.457
13)	MA Dieldrin	6.117	5.242	113.9E6	114.0E6	54.434	50.554
14)	MA Endrin	6.344	5.516	95683693	96522494	52.646	48.030
15)	B Endosulfa...	6.566	5.813	95785120	97419164	54.939	52.838
16)	A 4,4'-DDD	6.488	5.668	91597739	89269256	59.503	58.190
17)	MA 4,4'-DDT	6.799	5.917	71327018	74649985	44.936	46.531
18)	B Endrin al...	6.695	5.994	69871114	79283826	48.815m	52.331
19)	B Endosulfa...	6.930	6.217	86533243	95249311	48.195	49.556
20)	A Methoxychlor	7.279	6.497	43011819	44646842	49.935	48.106
21)	B Endrin ke...	7.410	6.722	97370839	99735407	53.677	46.322
22)	Mirex	7.875	6.894	73987981	89519520	50.708	46.512

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030623\
Data File : PL081264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2023 14:34
Operator : AR\AJ
Sample : PB151232BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

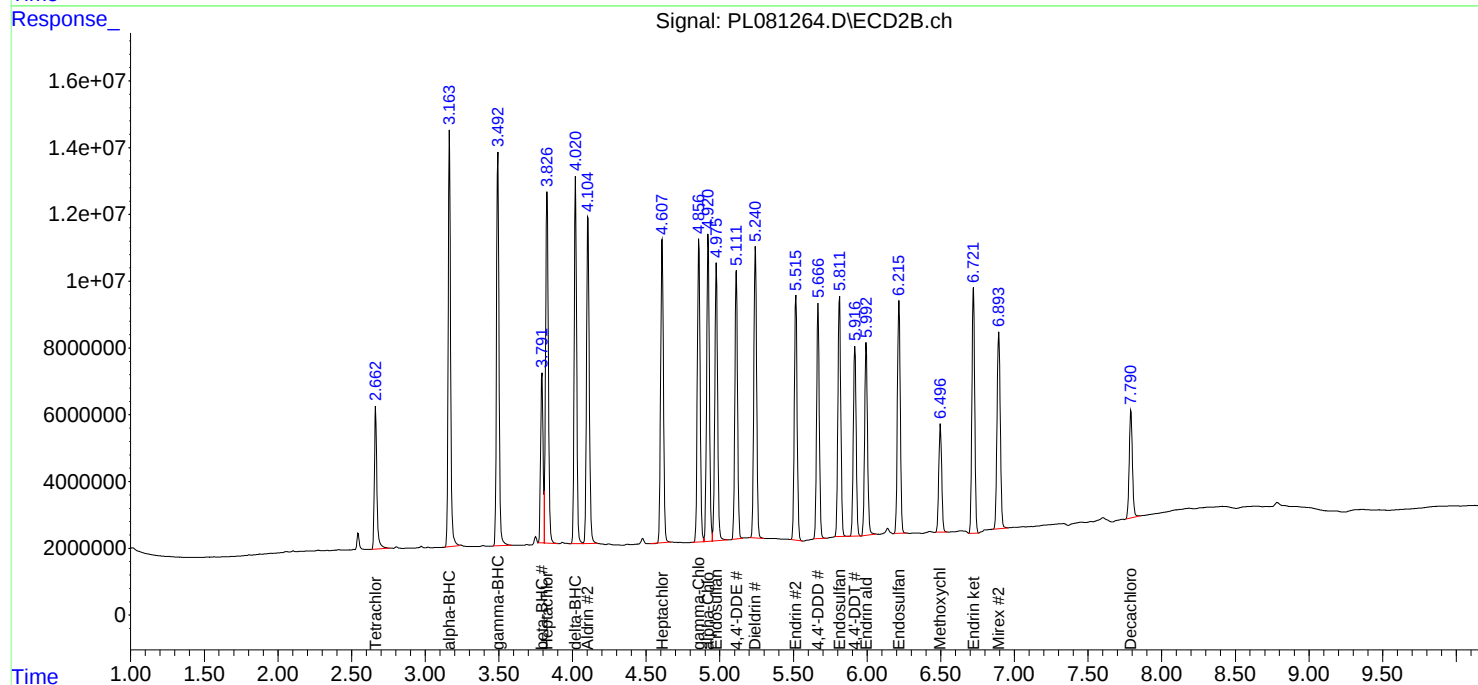
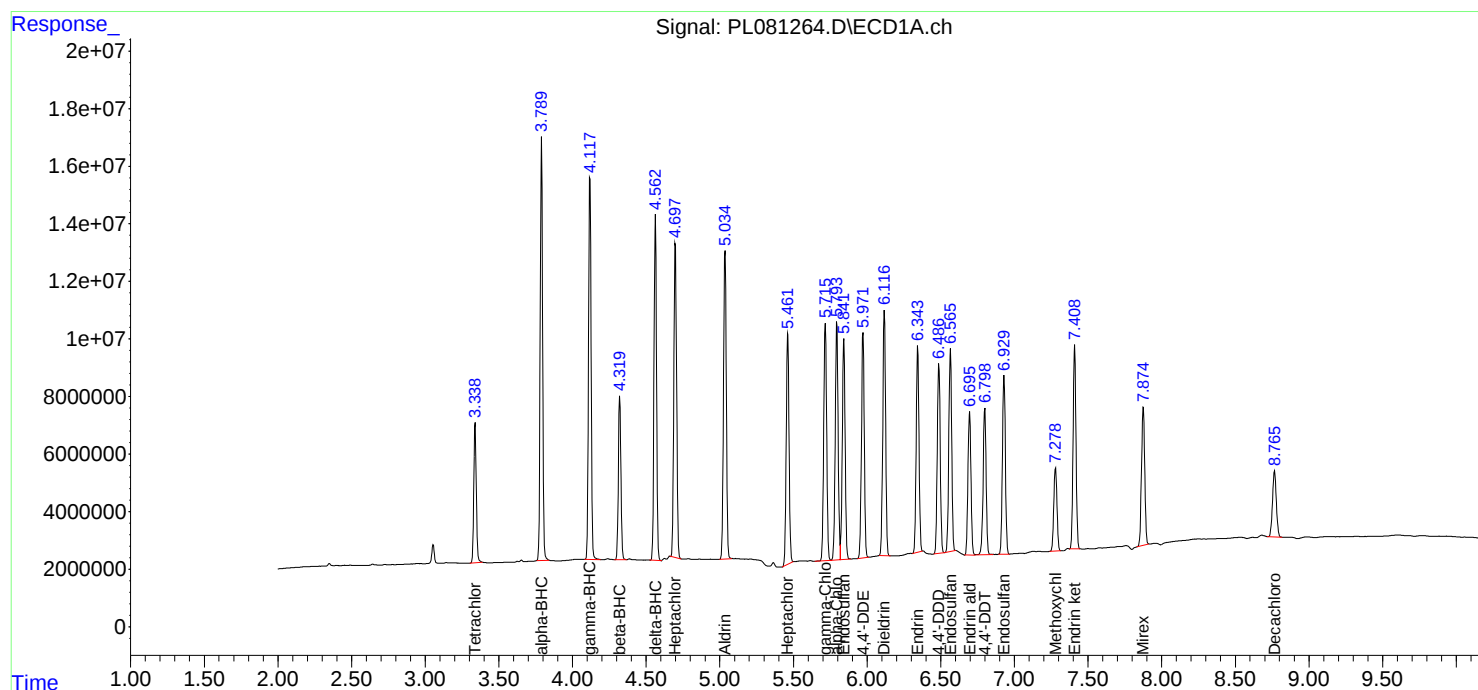
Instrument :
ECD_L
ClientSampleId :
PB151232BS

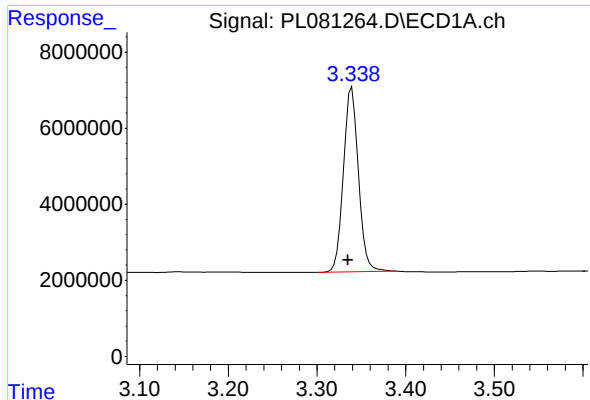
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 20:41:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





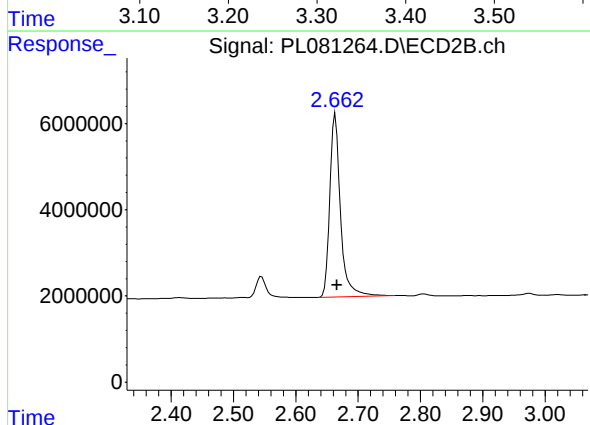
#1 Tetrachloro-m-xylene

R.T.: 3.339 min
Delta R.T.: 0.004 min
Response: 56983122
Conc: 26.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

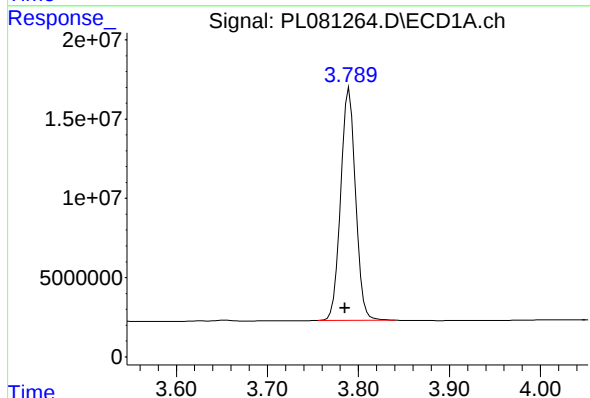
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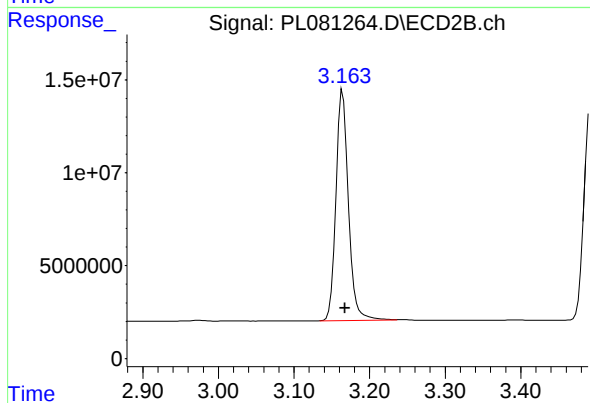
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 50843859
Conc: 25.12 ng/ml



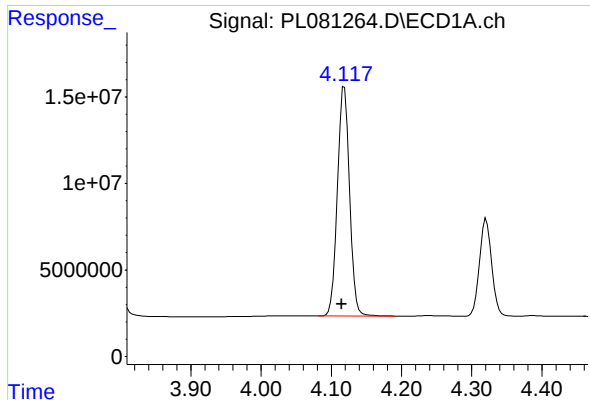
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: 0.005 min
Response: 166543014
Conc: 52.35 ng/ml



#2 alpha-BHC

R.T.: 3.165 min
Delta R.T.: -0.003 min
Response: 142548668
Conc: 48.64 ng/ml



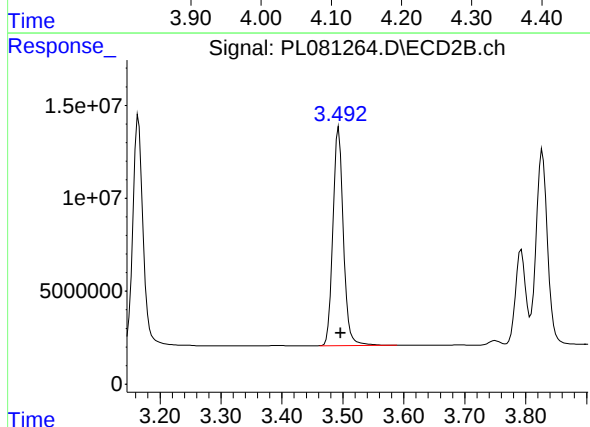
#3 gamma-BHC (Lindane)

R.T.: 4.119 min
Delta R.T.: 0.004 min
Response: 159114780
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

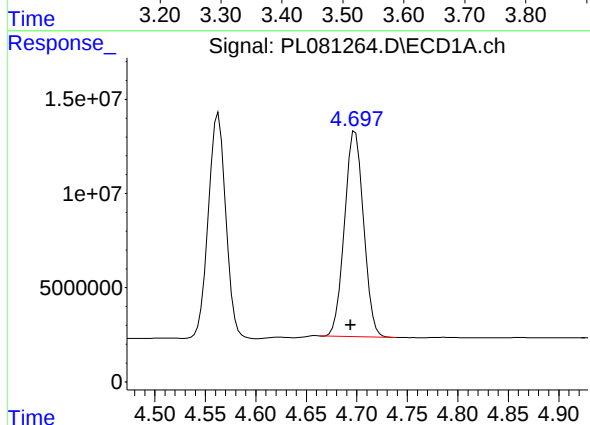
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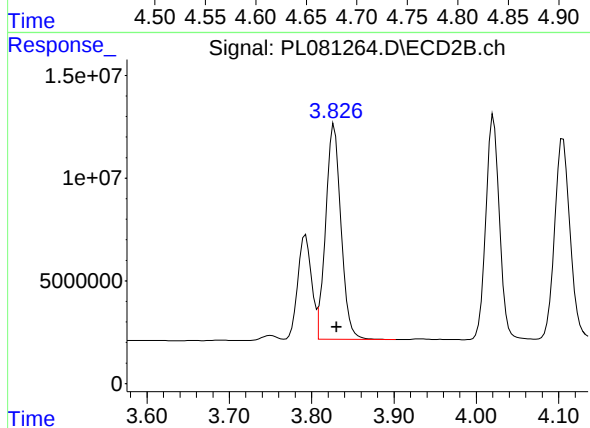
#3 gamma-BHC (Lindane)

R.T.: 3.493 min
Delta R.T.: -0.003 min
Response: 139577638
Conc: 50.74 ng/ml



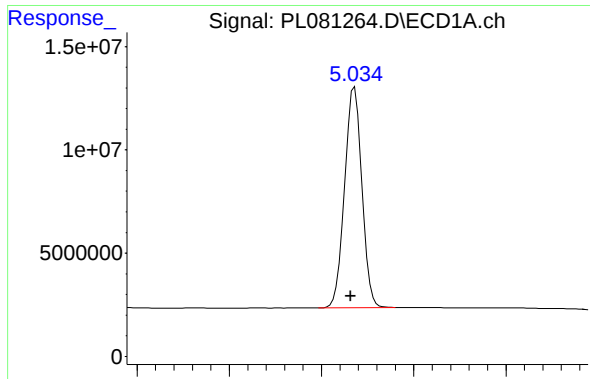
#4 Heptachlor

R.T.: 4.699 min
Delta R.T.: 0.004 min
Response: 143311351
Conc: 51.94 ng/ml



#4 Heptachlor

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 135465550
Conc: 49.09 ng/ml



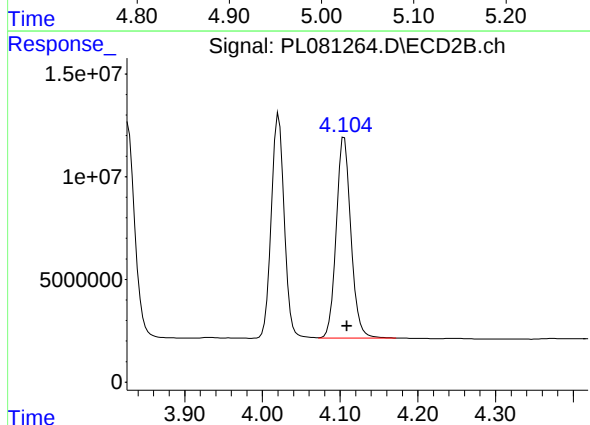
#5 Aldrin

R.T.: 5.036 min
Delta R.T.: 0.004 min
Response: 139246486
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

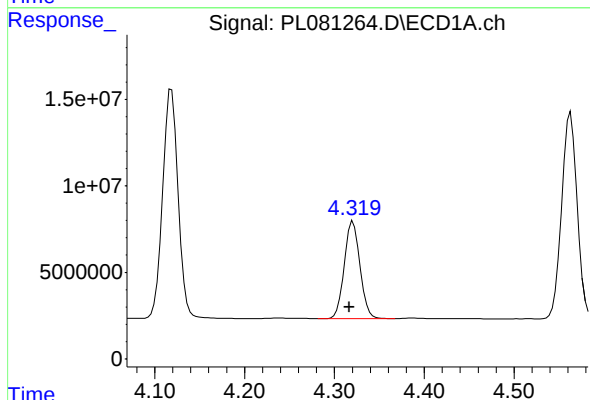
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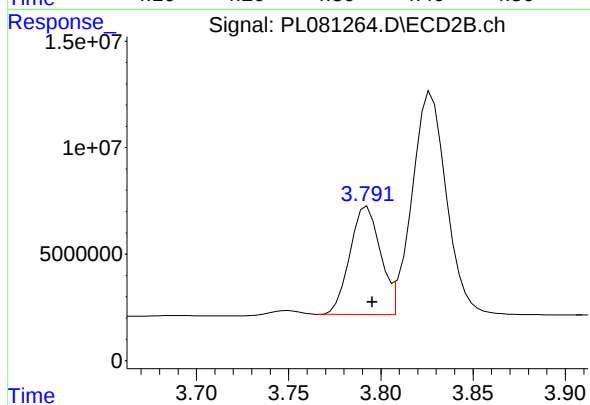
#5 Aldrin

R.T.: 4.105 min
Delta R.T.: -0.004 min
Response: 129109666
Conc: 49.25 ng/ml



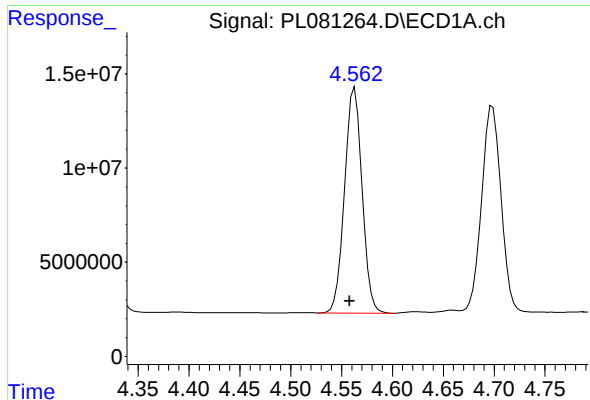
#6 beta-BHC

R.T.: 4.321 min
Delta R.T.: 0.004 min
Response: 67989969
Conc: 49.39 ng/ml



#6 beta-BHC

R.T.: 3.793 min
Delta R.T.: -0.003 min
Response: 58337217
Conc: 50.26 ng/ml



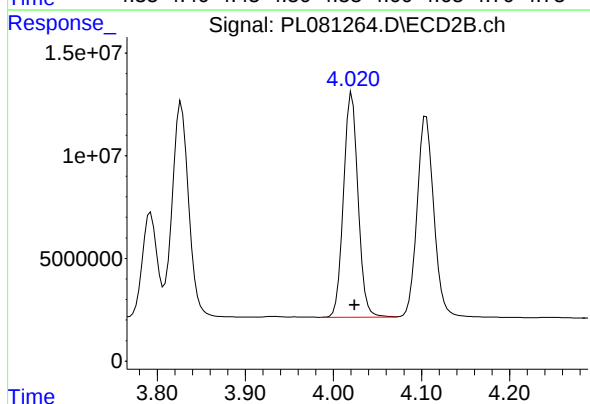
#7 delta-BHC

R.T.: 4.563 min
Delta R.T.: 0.005 min
Response: 143398833
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

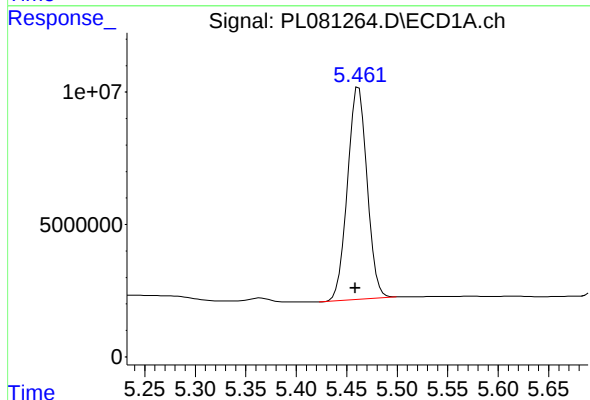
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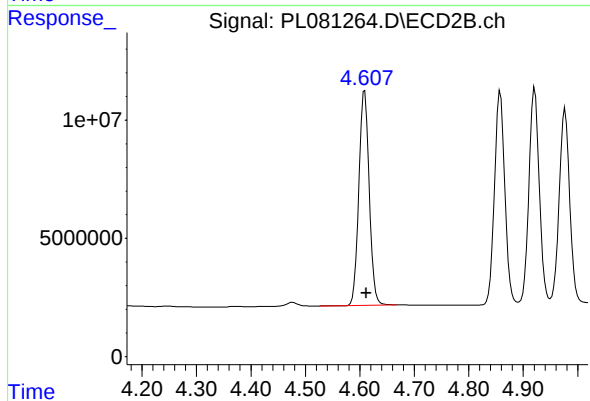
#7 delta-BHC

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 125556088
Conc: 49.30 ng/ml



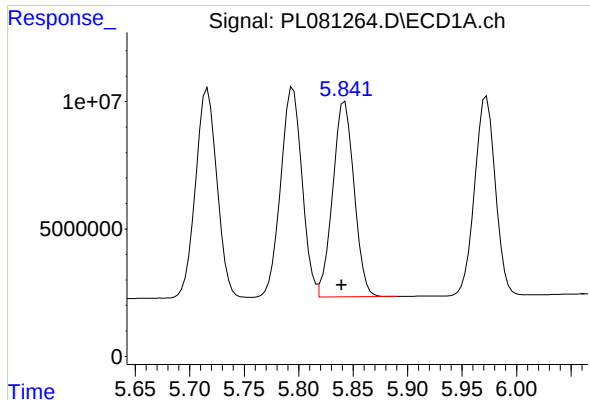
#8 Heptachlor epoxide

R.T.: 5.462 min
Delta R.T.: 0.004 min
Response: 108617587
Conc: 46.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 119771560
Conc: 49.53 ng/ml



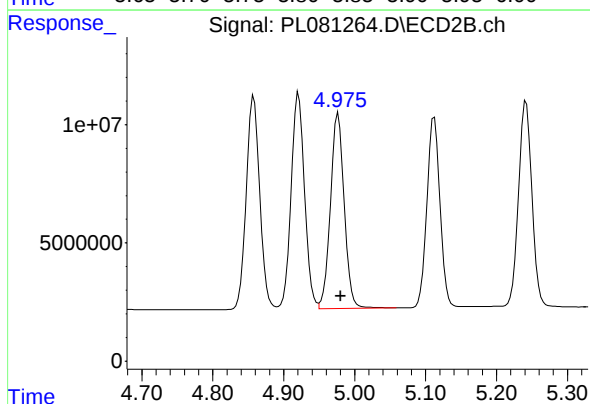
#9 Endosulfan I

R.T.: 5.842 min
Delta R.T.: 0.003 min
Response: 104393531
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

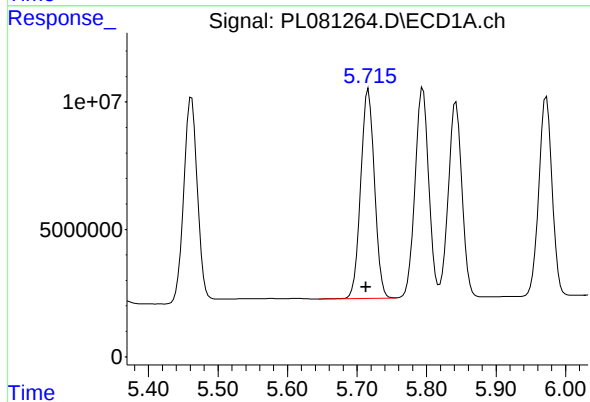
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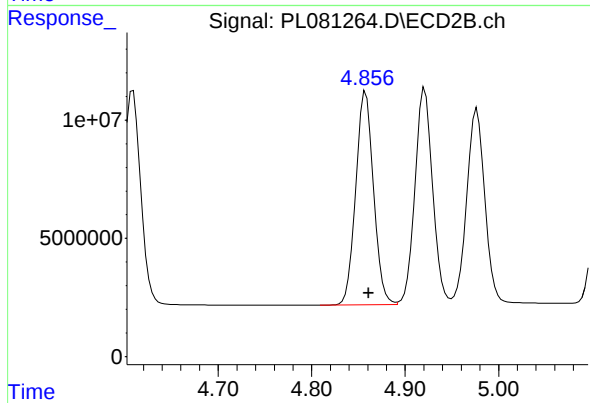
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 111609807
Conc: 49.30 ng/ml



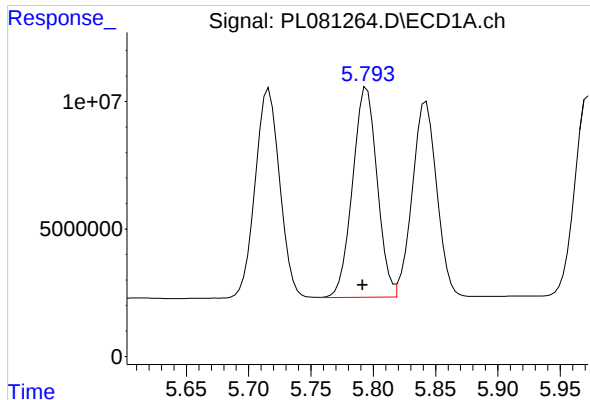
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: 0.004 min
Response: 112679629
Conc: 49.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 119582331
Conc: 48.85 ng/ml



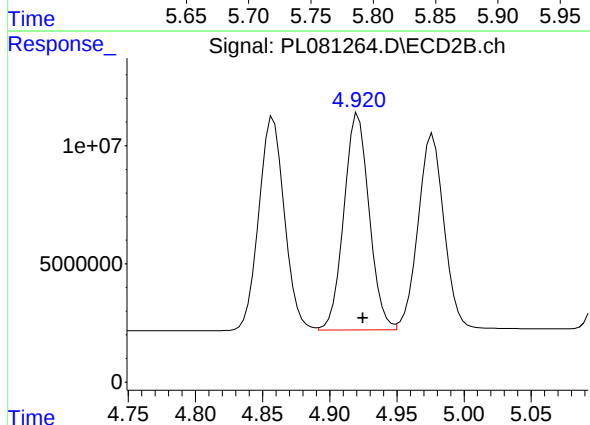
#11 alpha-Chlordane

R.T.: 5.795 min
Delta R.T.: 0.003 min
Response: 112831799
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

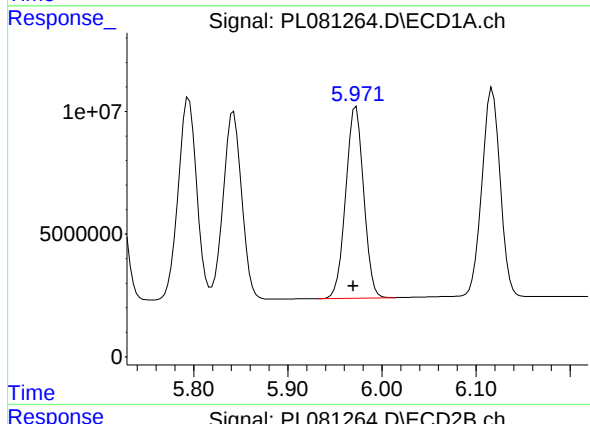
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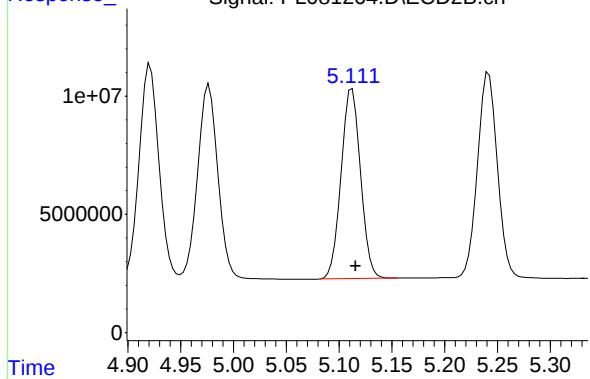
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 120417675
Conc: 49.18 ng/ml



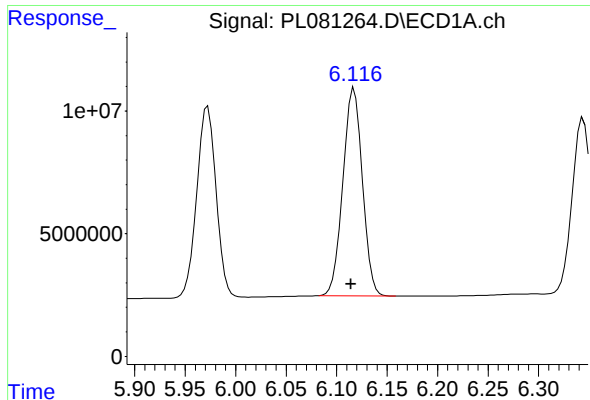
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 103754760
Conc: 53.03 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 102965732
Conc: 52.46 ng/ml



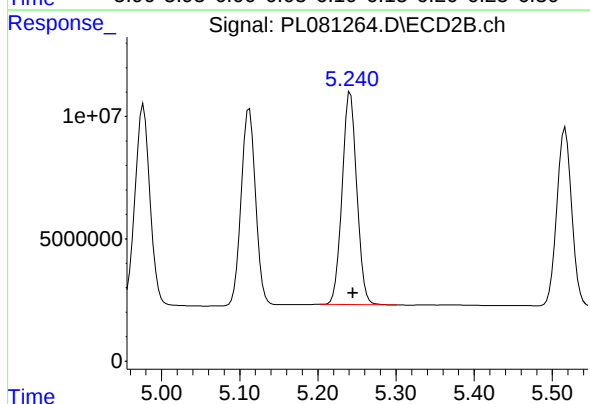
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: 0.003 min
Response: 113929231
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

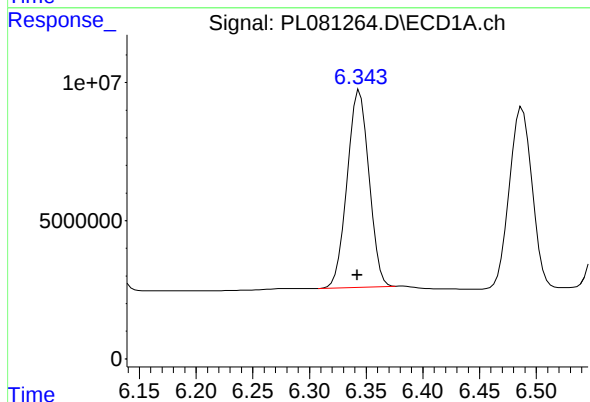
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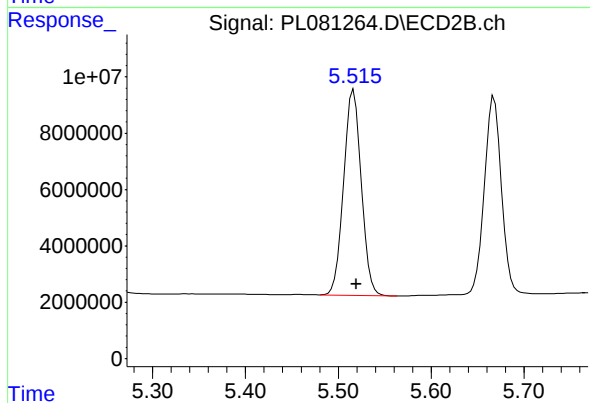
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 113967164
Conc: 50.55 ng/ml



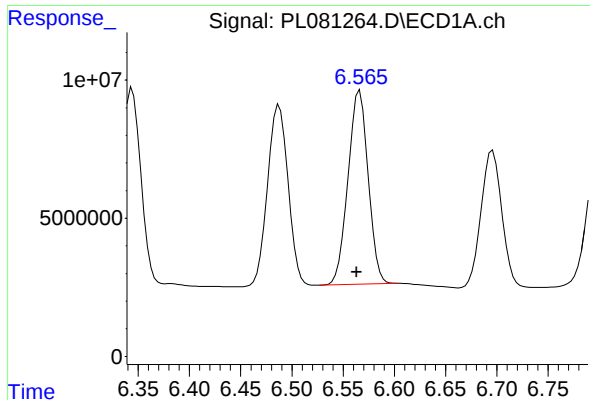
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 95683693
Conc: 52.65 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 96522494
Conc: 48.03 ng/ml



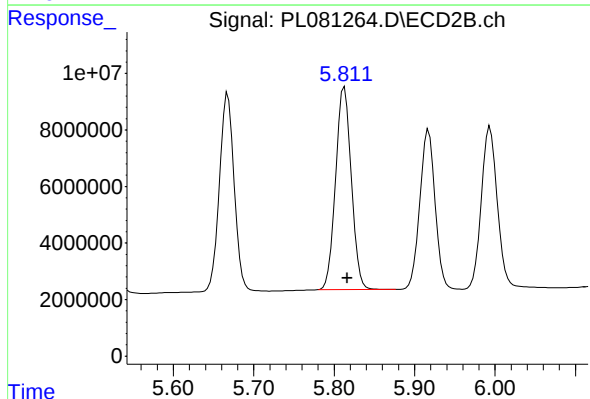
#15 Endosulfan II

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 95785120
Conc: 54.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

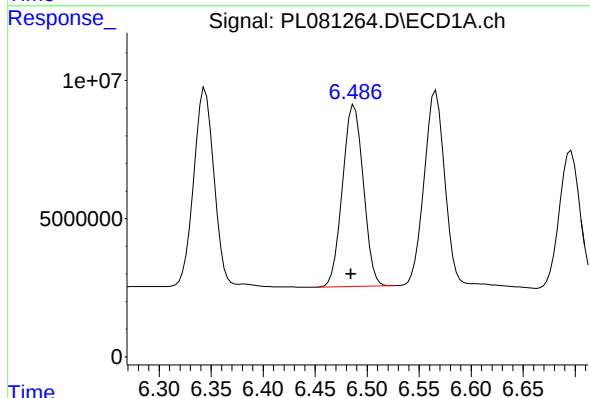
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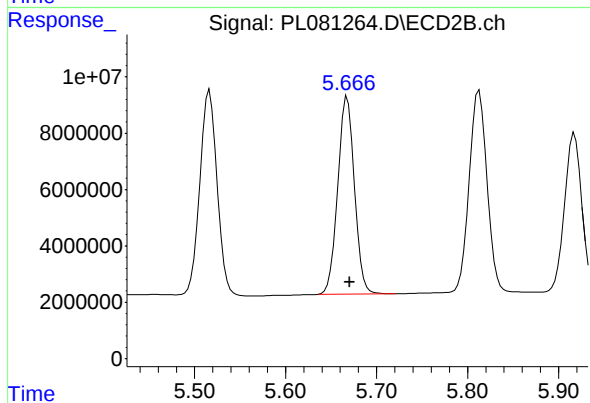
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 97419164
Conc: 52.84 ng/ml



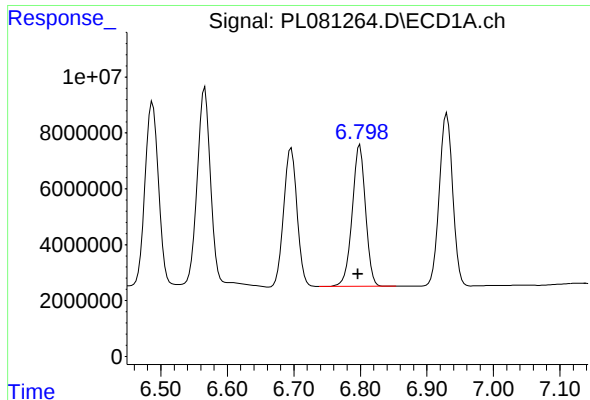
#16 4,4'-DDD

R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 91597739
Conc: 59.50 ng/ml



#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 89269256
Conc: 58.19 ng/ml



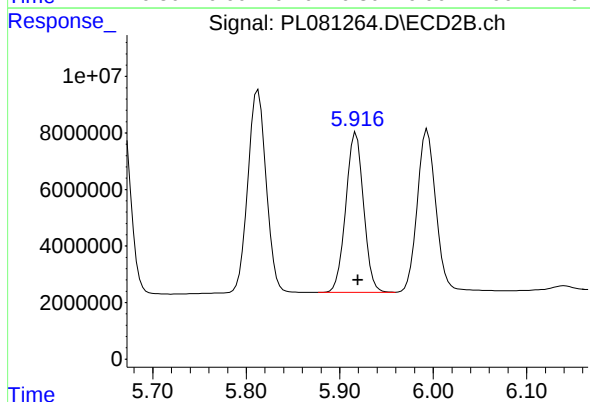
#17 4,4'-DDT

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 71327018
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

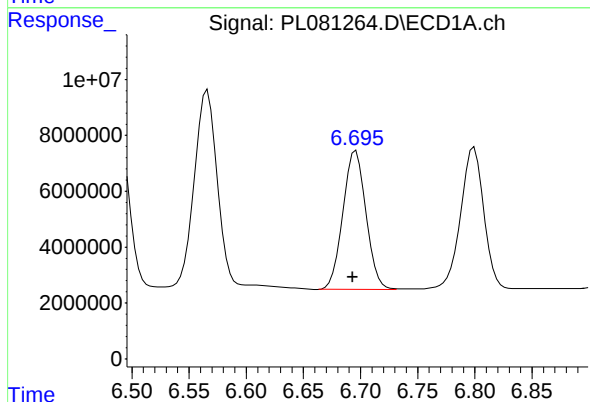
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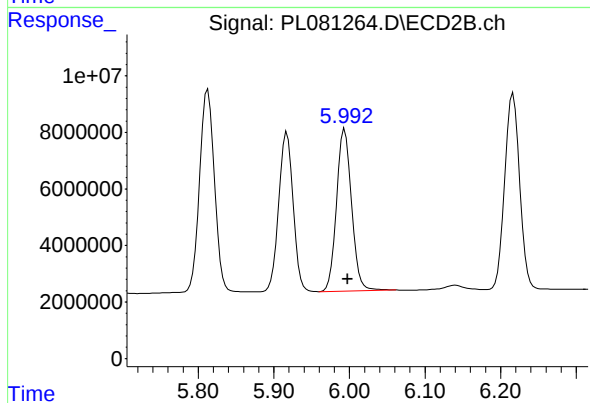
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 74649985
Conc: 46.53 ng/ml



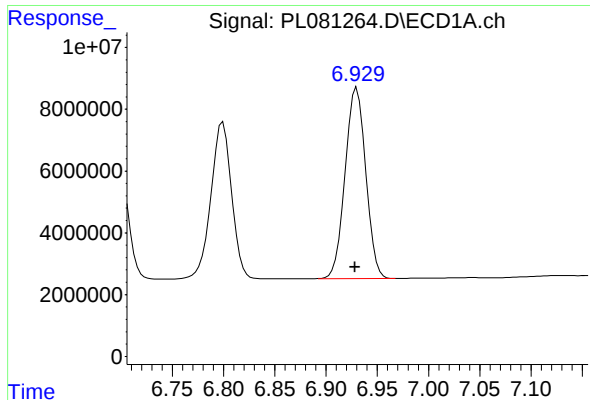
#18 Endrin aldehyde

R.T.: 6.695 min
Delta R.T.: 0.001 min
Response: 69871114
Conc: 48.81 ng/ml m



#18 Endrin aldehyde

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 79283826
Conc: 52.33 ng/ml



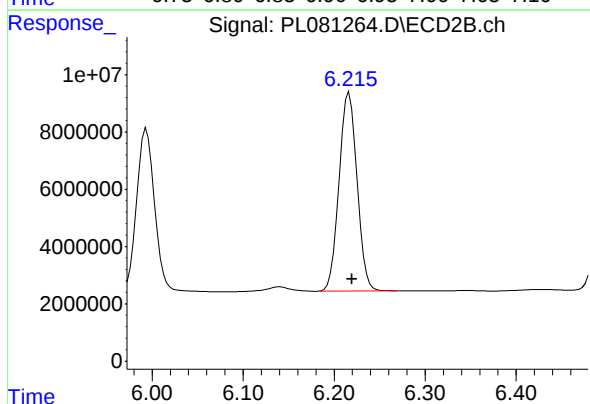
#19 Endosulfan Sulfate

R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 86533243
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

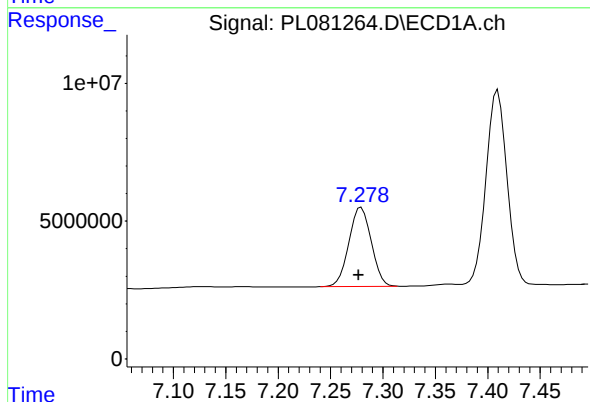
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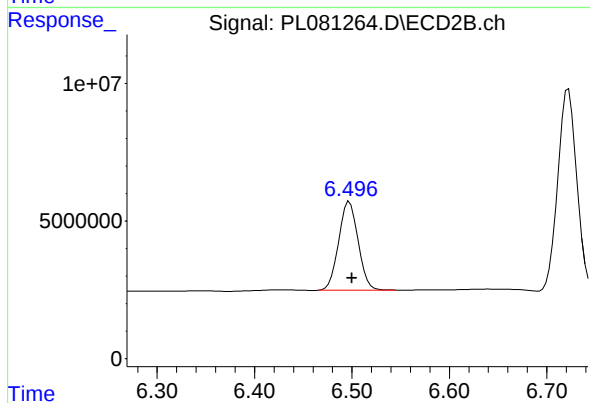
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 95249311
Conc: 49.56 ng/ml



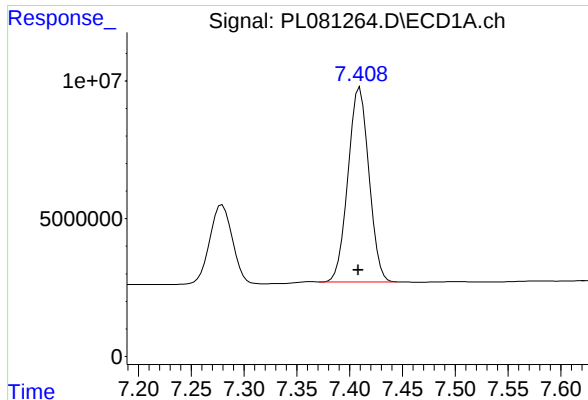
#20 Methoxychlor

R.T.: 7.279 min
Delta R.T.: 0.002 min
Response: 43011819
Conc: 49.93 ng/ml



#20 Methoxychlor

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 44646842
Conc: 48.11 ng/ml



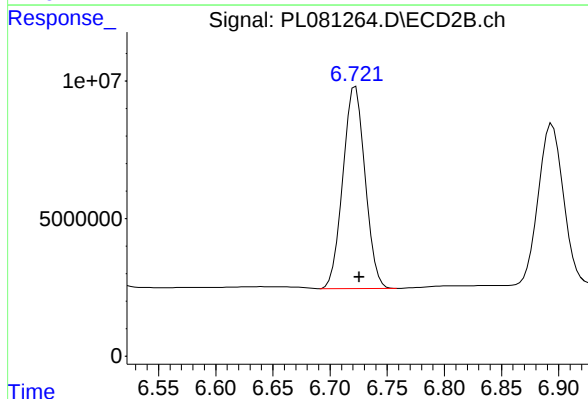
#21 Endrin ketone

R.T.: 7.410 min
Delta R.T.: 0.001 min
Response: 97370839
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

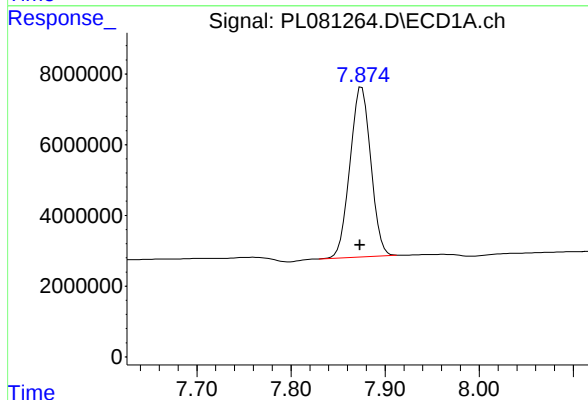
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/07/2023
Supervised By :Ankita Jodhani 03/07/2023



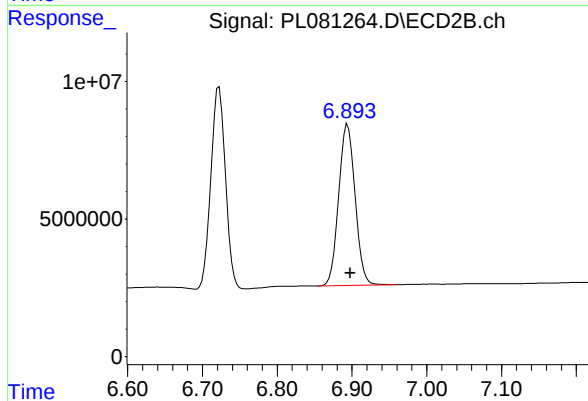
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 99735407
Conc: 46.32 ng/ml



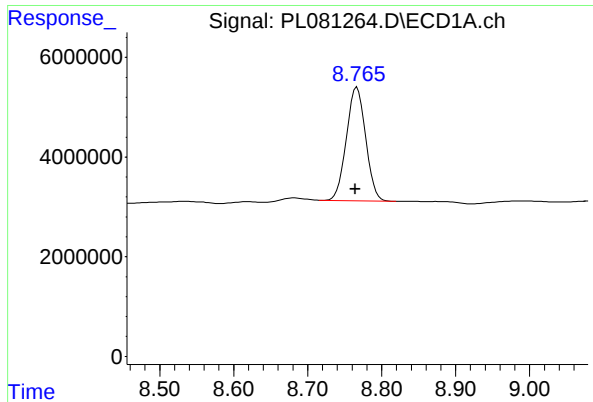
#22 Mirex

R.T.: 7.875 min
Delta R.T.: 0.002 min
Response: 73987981
Conc: 50.71 ng/ml



#22 Mirex

R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 89519520
Conc: 46.51 ng/ml



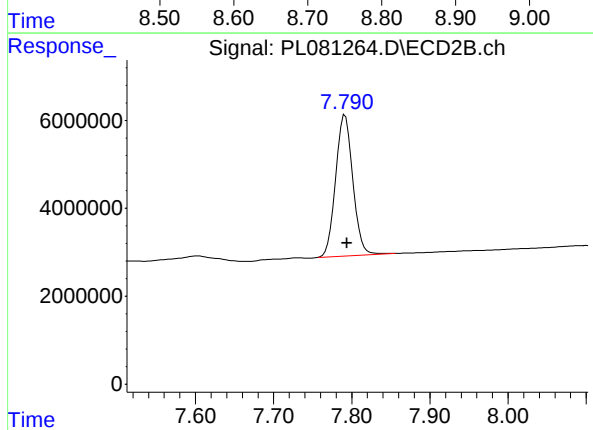
#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: 0.002 min
Response: 41312147
Conc: 27.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151232BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.791 min
Delta R.T.: -0.002 min
Response: 49372008
Conc: 25.77 ng/ml