

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032223\
 Data File : PL081605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 18:15
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/23/2023
 Supervised By :Ankita Jodhani 03/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 00:47:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 00:46:59 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	228.2E6	202.2E6	97.497	99.283
28)	SA Decachlor...	8.749	7.776	161.1E6	183.1E6	94.929	97.047
Target Compounds							
2)	A alpha-BHC	3.779	3.158	363.6E6	315.9E6	100.539	102.225
3)	MA gamma-BHC...	4.106	3.486	330.2E6	292.1E6	99.079	101.411
4)	MA Heptachlor	4.684	3.819	317.4E6	297.2E6	96.860m	99.728
5)	MB Aldrin	5.022	4.097	292.1E6	273.7E6	98.493	101.185
6)	B beta-BHC	4.308	3.785	138.4E6	115.9E6	97.544	99.352
7)	B delta-BHC	4.550	4.012	309.7E6	276.7E6	97.449	102.071
8)	B Heptachlo...	5.448	4.599	260.5E6	246.2E6	97.783	99.560
9)	A Endosulfan I	5.829	4.966	237.2E6	229.9E6	96.571	100.319
10)	B gamma-Chl...	5.703	4.848	261.0E6	249.5E6	97.349	100.374
11)	B alpha-Chl...	5.781	4.911	255.7E6	247.0E6	96.941	99.790
12)	B 4,4'-DDE	5.959	5.101	232.1E6	208.6E6	98.755	101.984
13)	MA Dieldrin	6.103	5.231	244.5E6	237.0E6	97.582	101.746
14)	MA Endrin	6.330	5.505	212.8E6	211.7E6	99.065	101.187
15)	B Endosulfa...	6.552	5.801	197.4E6	187.6E6	96.768	99.488
16)	A 4,4'-DDD	6.474	5.656	183.1E6	164.7E6	97.152	102.072
17)	MA 4,4'-DDT	6.785	5.905	200.8E6	182.7E6	97.232	101.621
18)	B Endrin al...	6.682	5.982	156.0E6	152.3E6	95.557	98.650
19)	B Endosulfa...	6.916	6.204	201.4E6	193.6E6	96.103	99.342
20)	A Methoxychlor	7.265	6.484	102.0E6	97487347	94.703	98.524
21)	B Endrin ke...	7.395	6.709	206.2E6	217.1E6	96.545	100.145
22)	Mirex	7.860	6.881	157.4E6	181.1E6	94.290m	96.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032223\
Data File : PL081605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2023 18:15
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

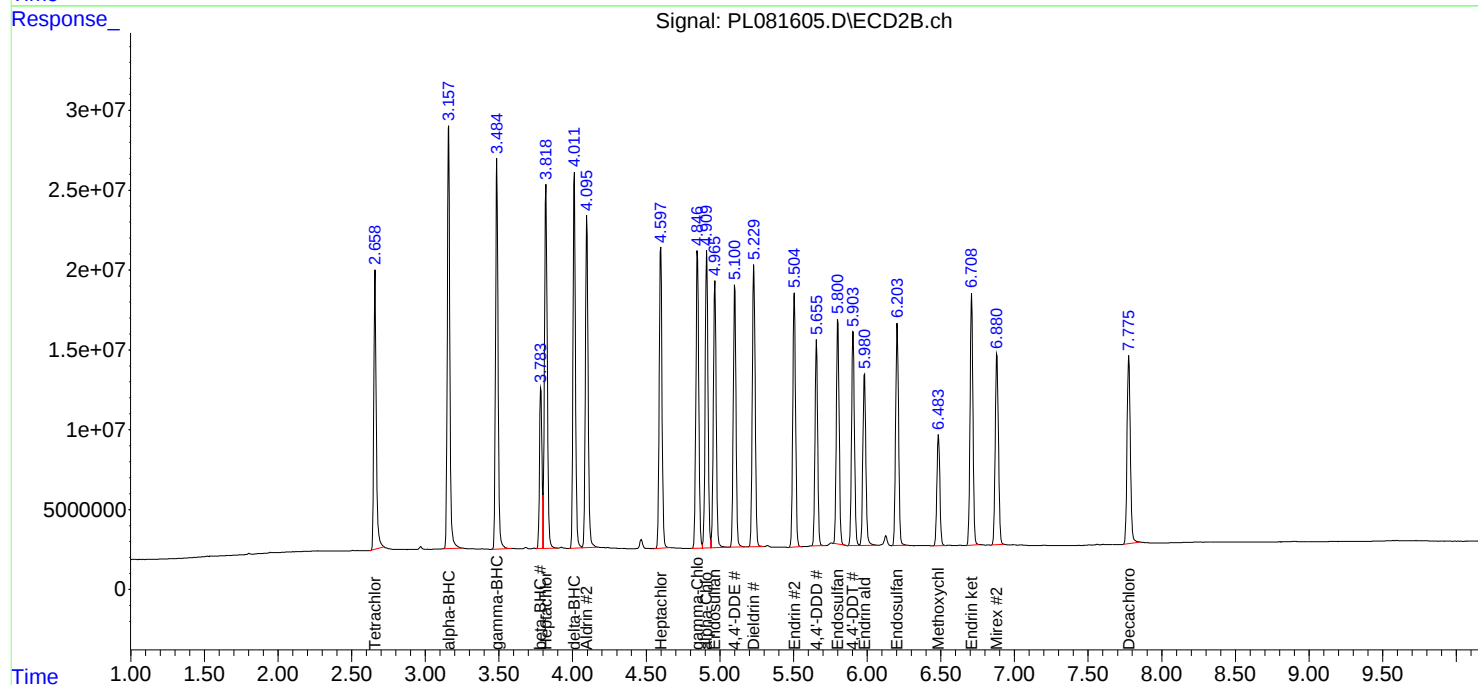
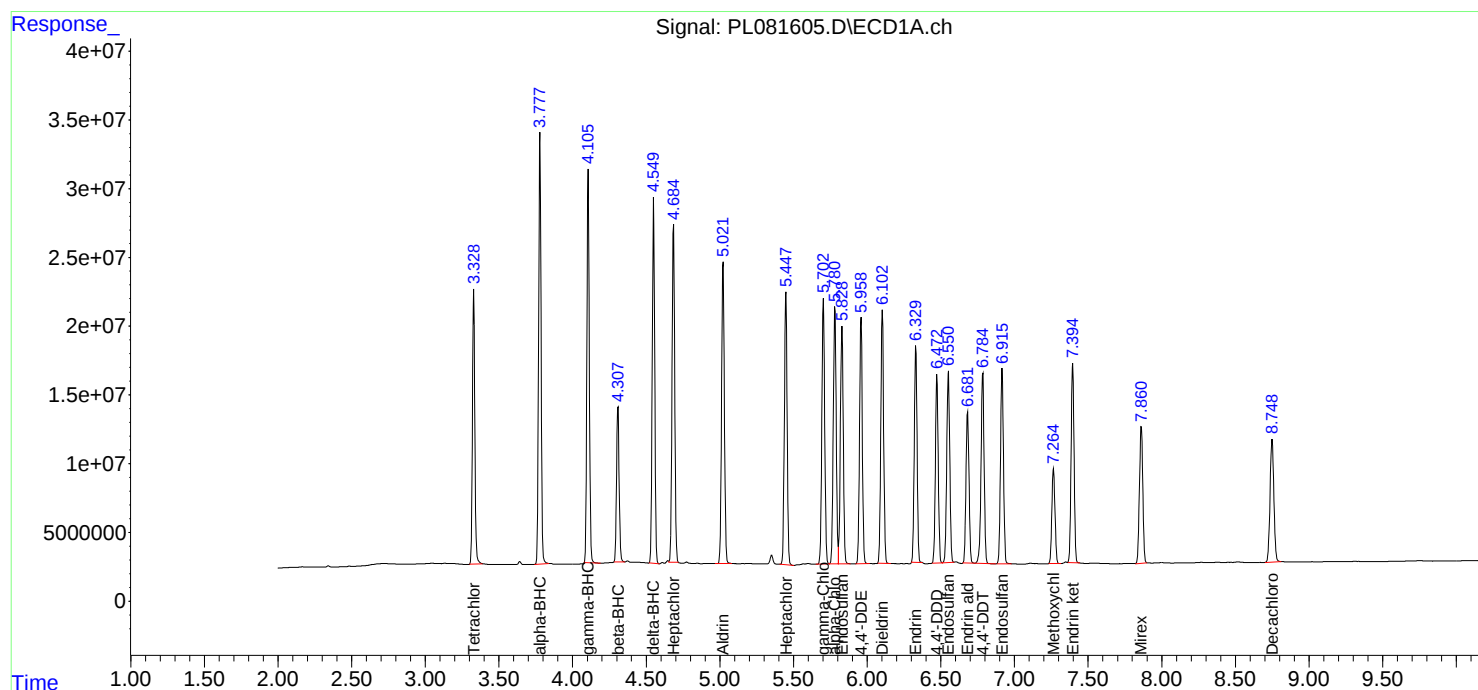
Instrument :
ECD_L
ClientSampleId :
PSTDICC100

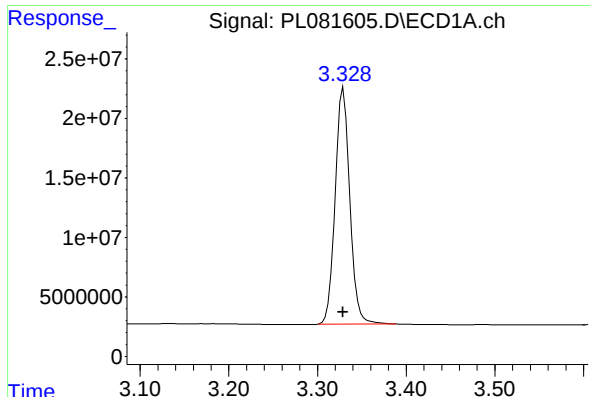
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 23 00:47:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 00:46:59 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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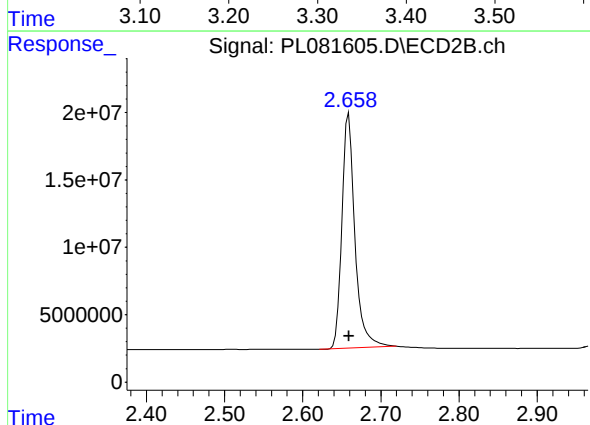
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 228156511
Conc: 97.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

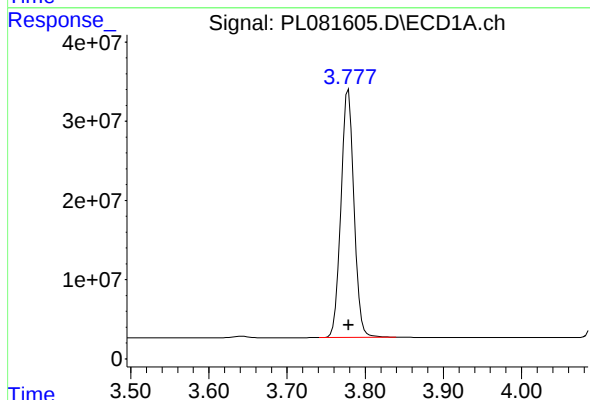
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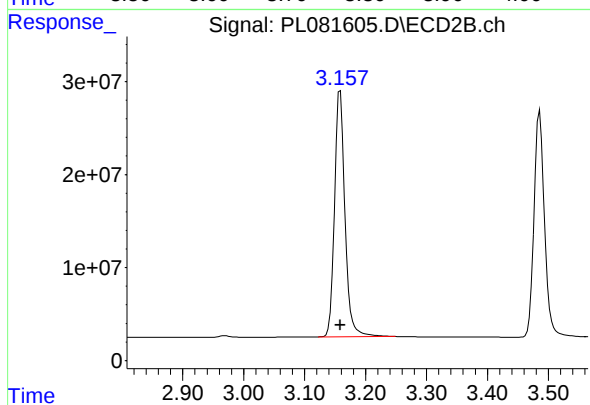
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.000 min
Response: 202236443
Conc: 99.28 ng/ml



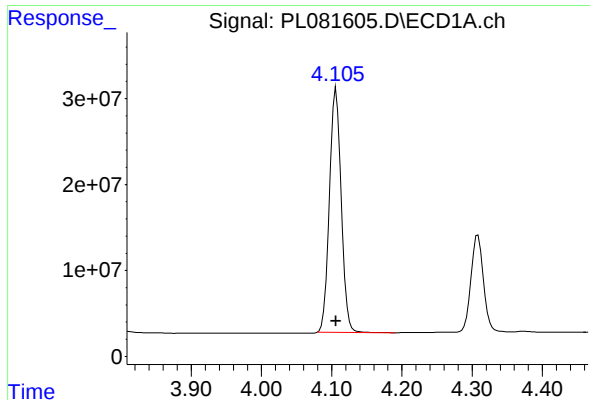
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 363607209
Conc: 100.54 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.000 min
Response: 315886230
Conc: 102.22 ng/ml



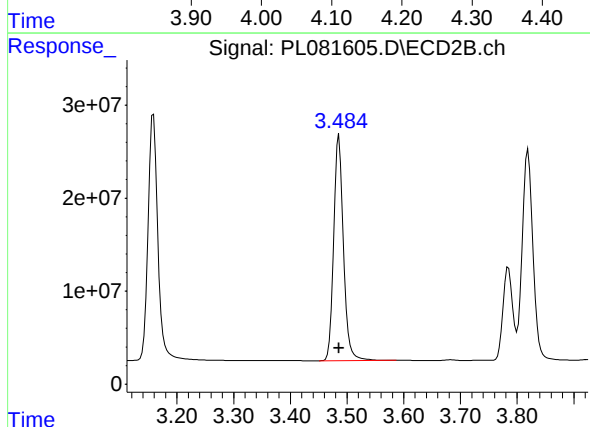
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 330165535
Conc: 99.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

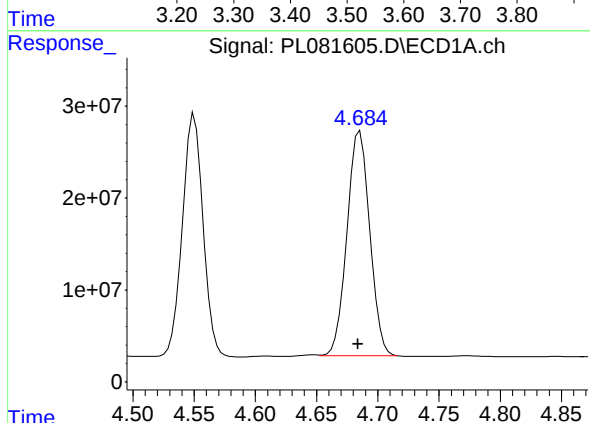
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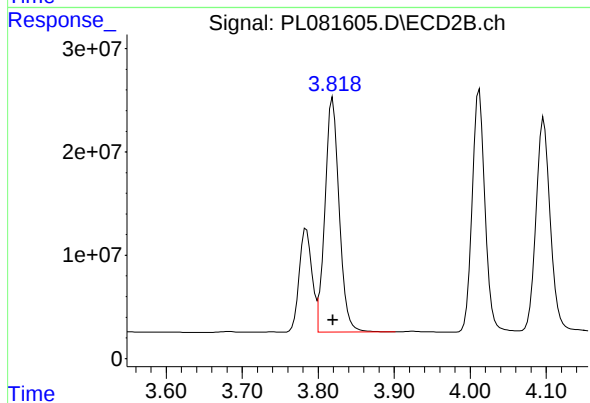
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 292084951
Conc: 101.41 ng/ml



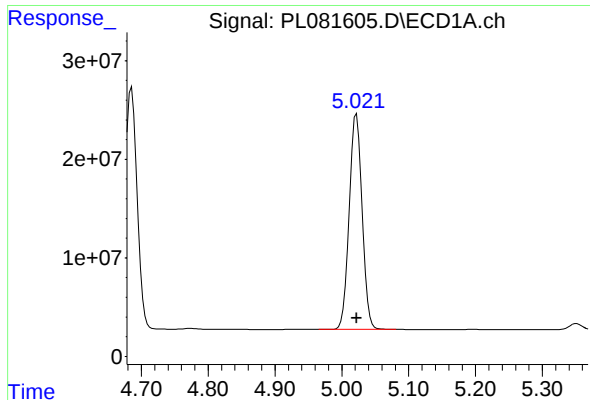
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 317392842
Conc: 96.86 ng/ml m



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 297177972
Conc: 99.73 ng/ml



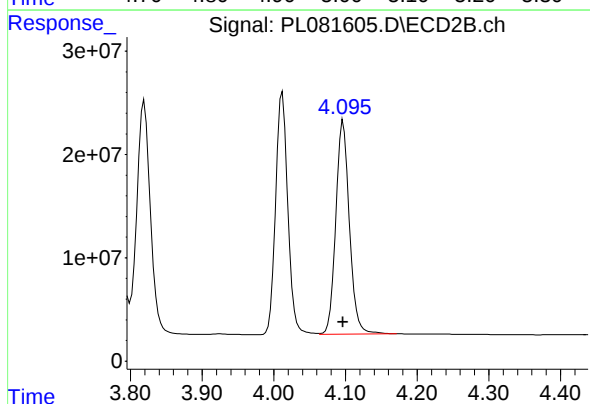
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 292094760
Conc: 98.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

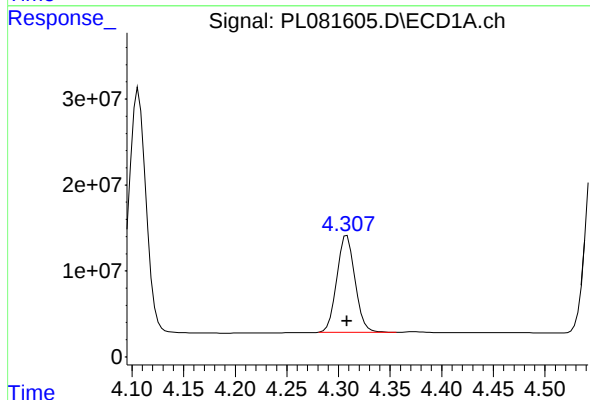
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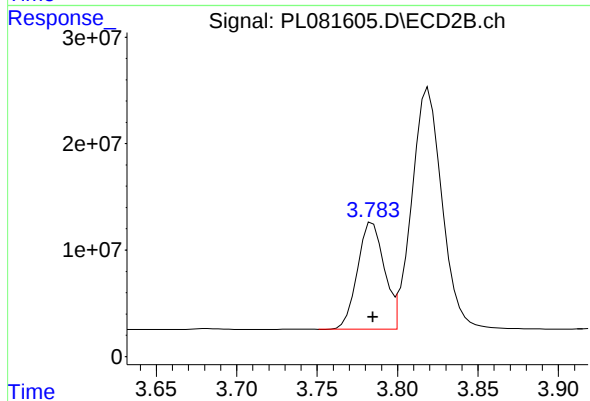
#5 Aldrin

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 273701907
Conc: 101.19 ng/ml



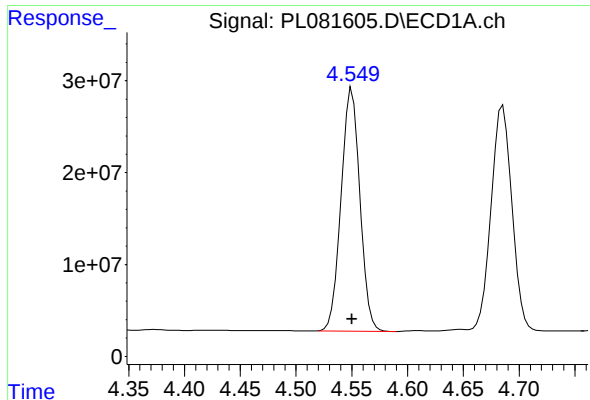
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 138417307
Conc: 97.54 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 115899962
Conc: 99.35 ng/ml



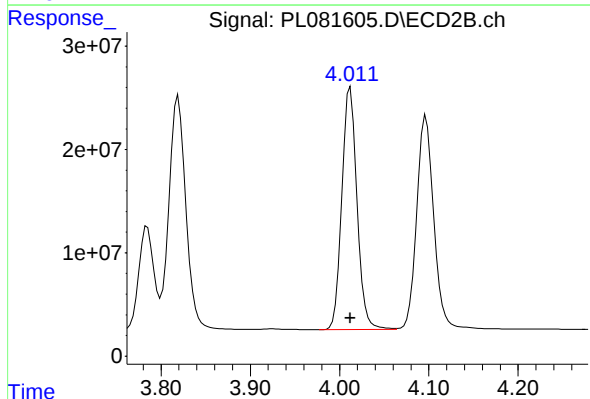
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 309741955
Conc: 97.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

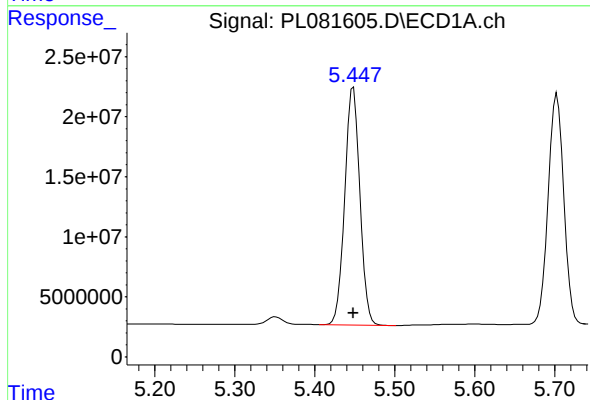
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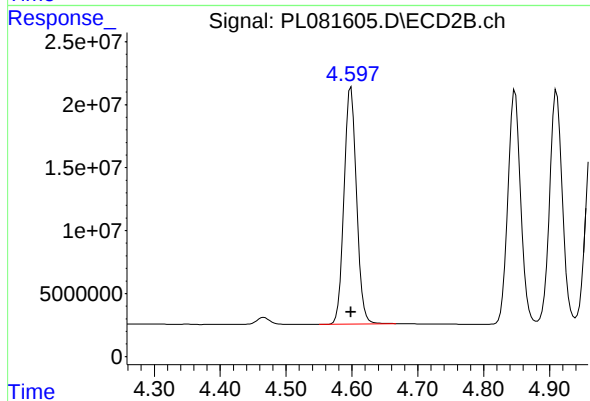
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 276737313
Conc: 102.07 ng/ml



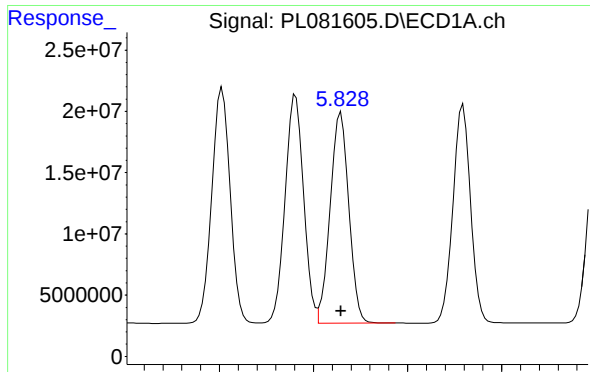
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 260531866
Conc: 97.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 246242644
Conc: 99.56 ng/ml



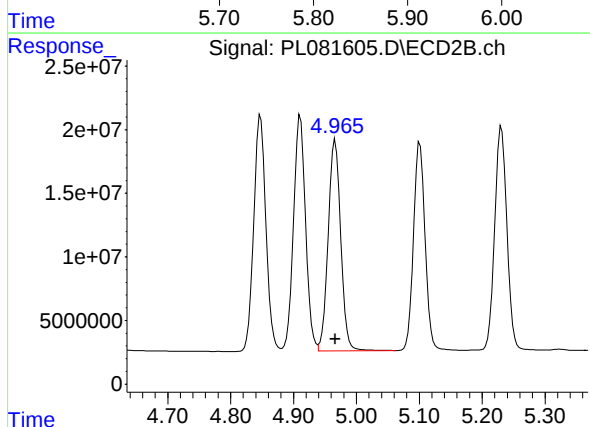
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 237239964
Conc: 96.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

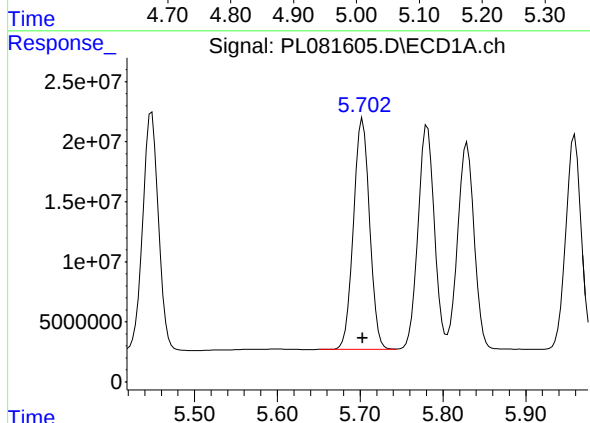
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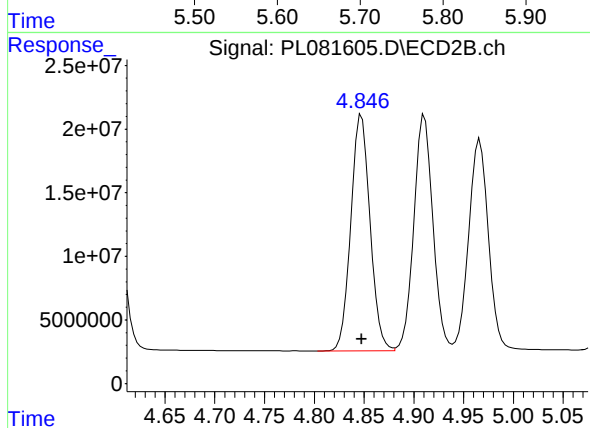
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 229858789
Conc: 100.32 ng/ml



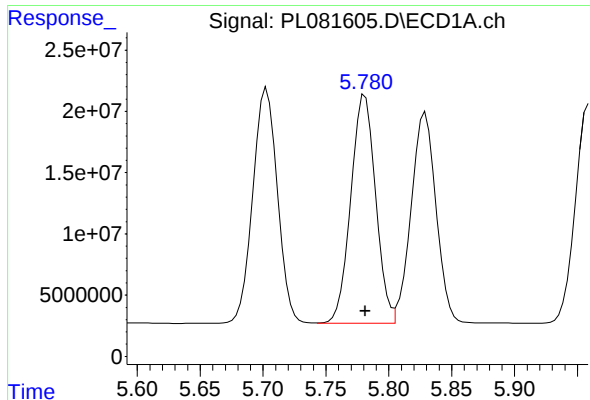
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 261030559
Conc: 97.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 249536258
Conc: 100.37 ng/ml



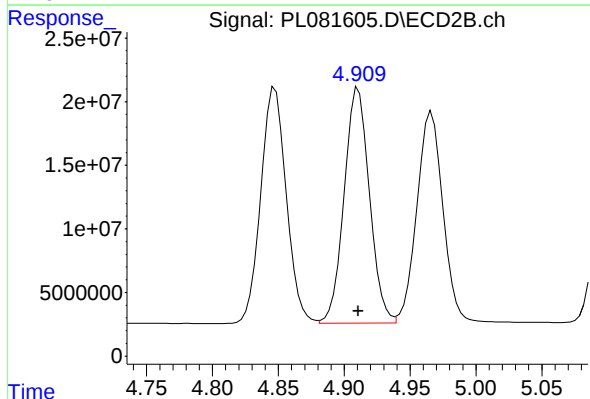
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 255681755
Conc: 96.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

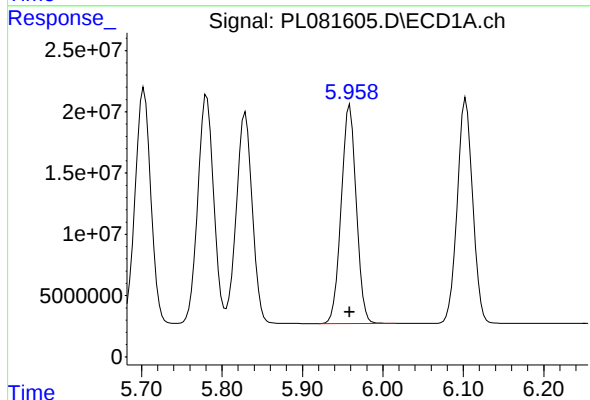
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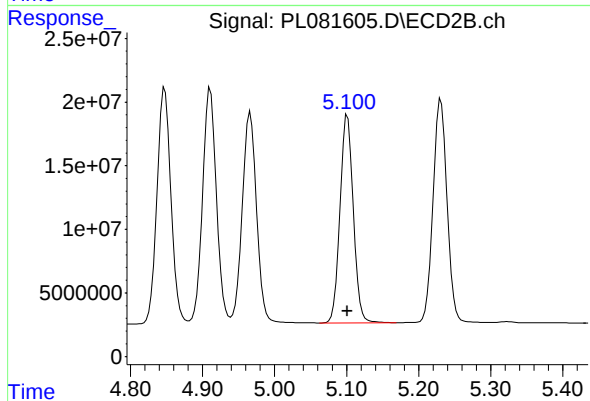
#11 alpha-Chlordane

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 246998255
Conc: 99.79 ng/ml



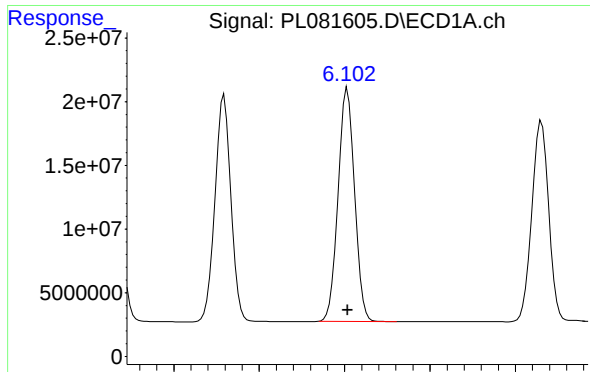
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 232121511
Conc: 98.75 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 208637054
Conc: 101.98 ng/ml



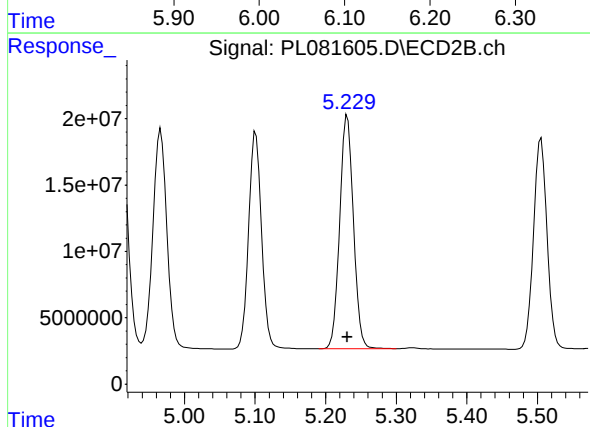
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 244486723
Conc: 97.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

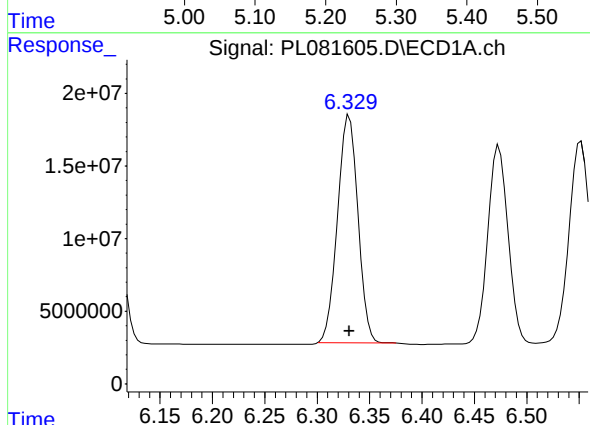
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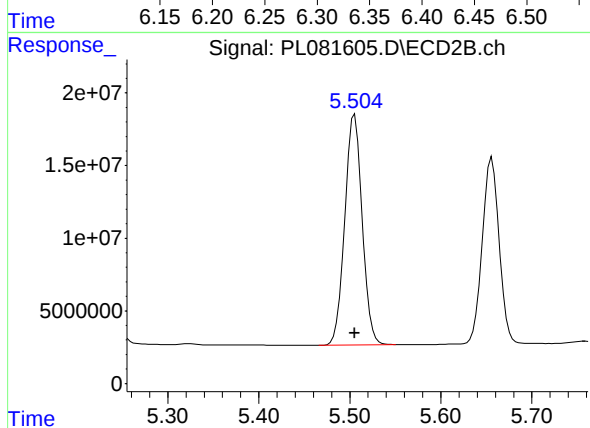
#13 Dieldrin

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 237014497
Conc: 101.75 ng/ml



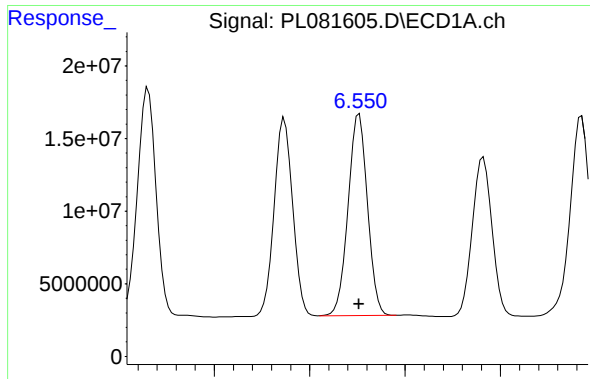
#14 Endrin

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 212770945
Conc: 99.07 ng/ml



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 211749182
Conc: 101.19 ng/ml



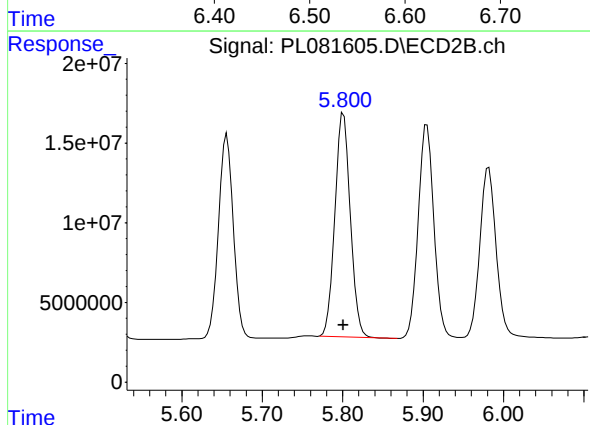
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 197440245
Conc: 96.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

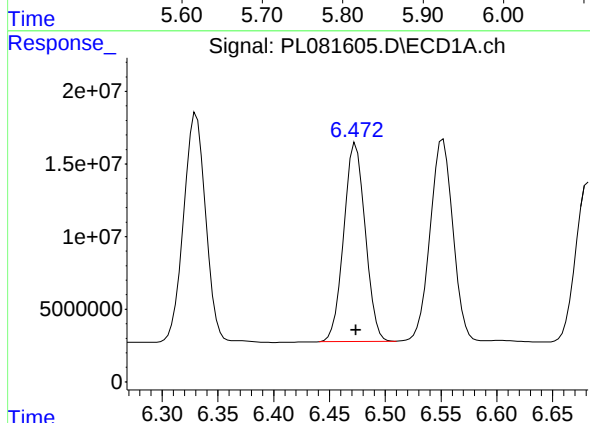
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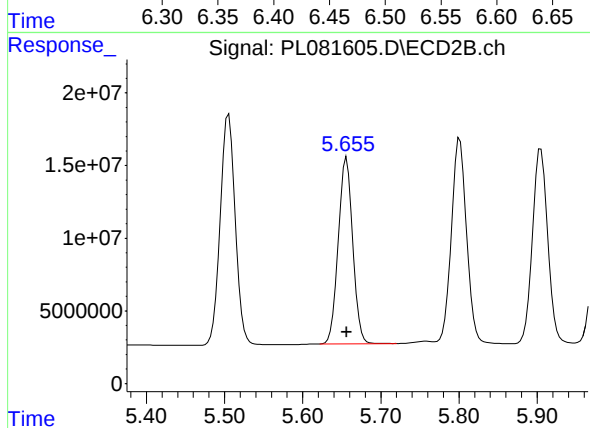
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 187572962
Conc: 99.49 ng/ml



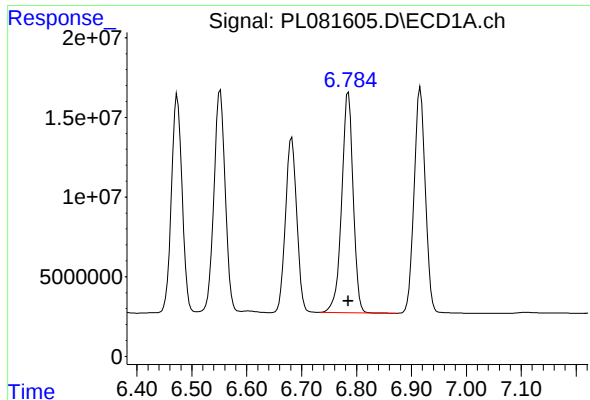
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 183149823
Conc: 97.15 ng/ml



#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 164684773
Conc: 102.07 ng/ml



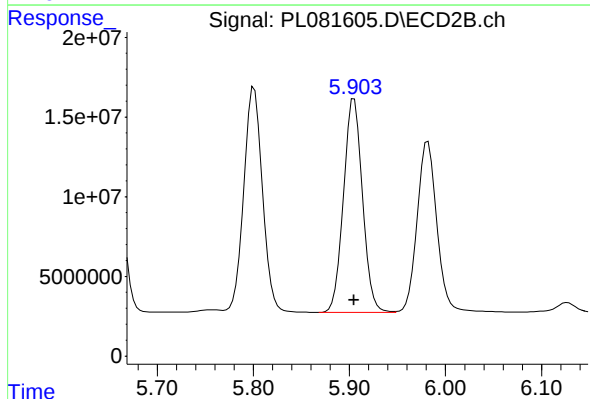
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 200780118
Conc: 97.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

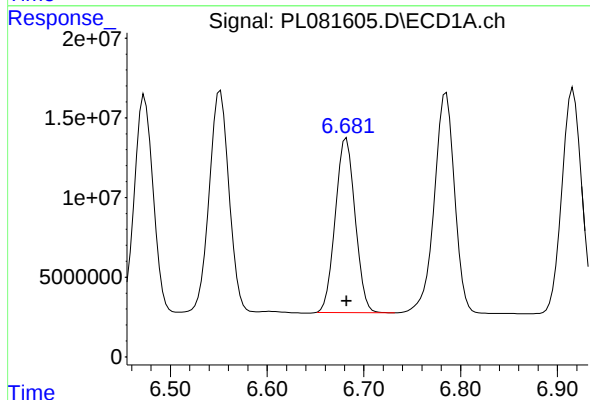
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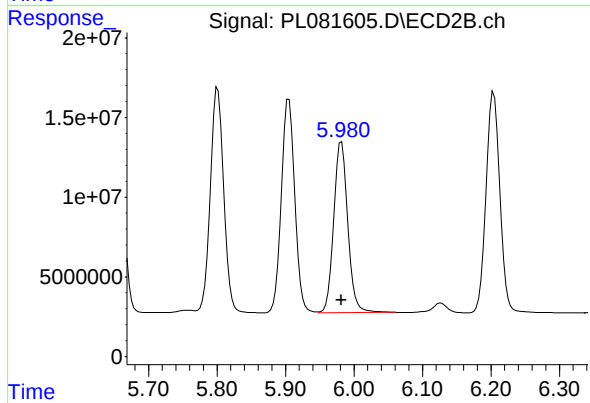
#17 4,4'-DDT

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 182696918
Conc: 101.62 ng/ml



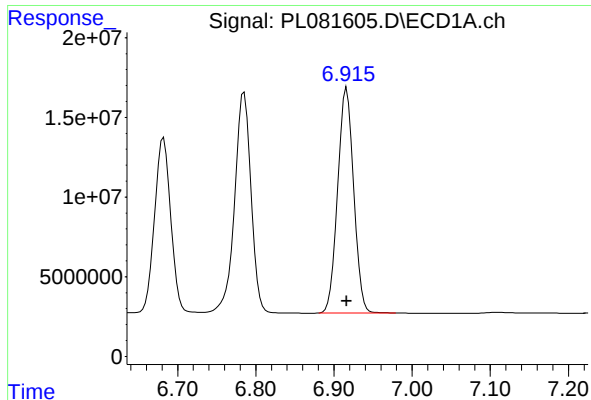
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 155968336
Conc: 95.56 ng/ml



#18 Endrin aldehyde

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 152312671
Conc: 98.65 ng/ml



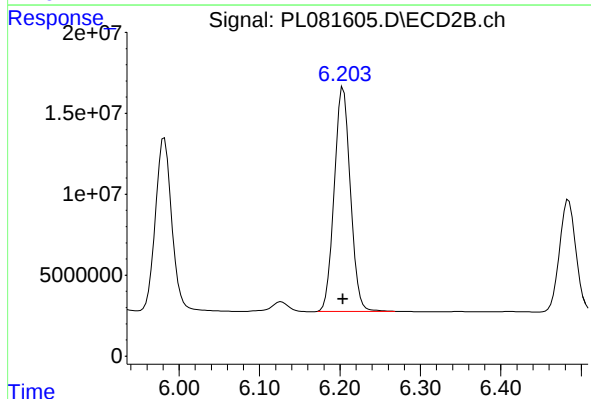
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 201406964
Conc: 96.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

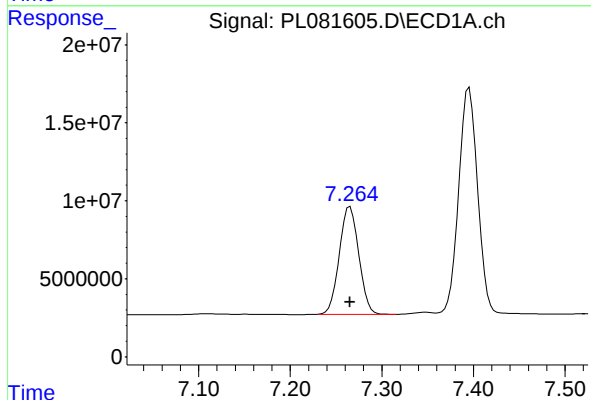
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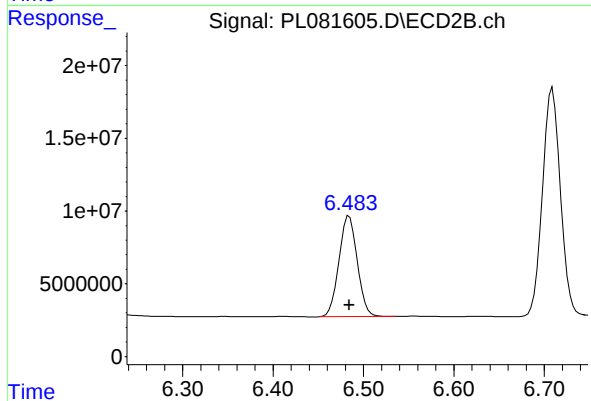
#19 Endosulfan Sulfate

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 193558161
Conc: 99.34 ng/ml



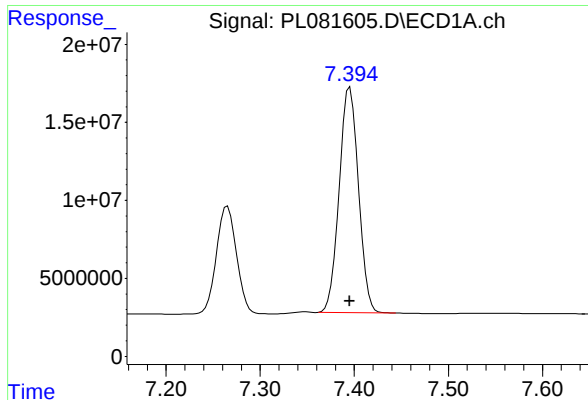
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 102040445
Conc: 94.70 ng/ml



#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 97487347
Conc: 98.52 ng/ml



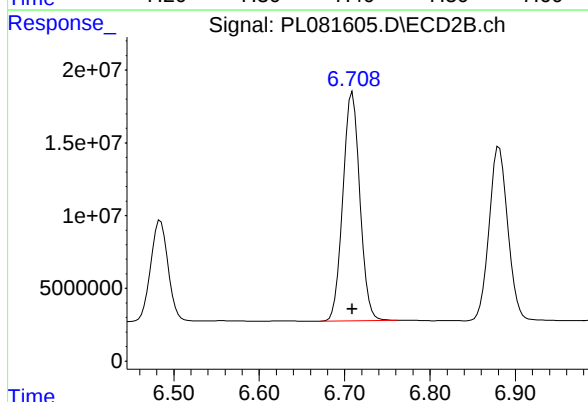
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 206150090
Conc: 96.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

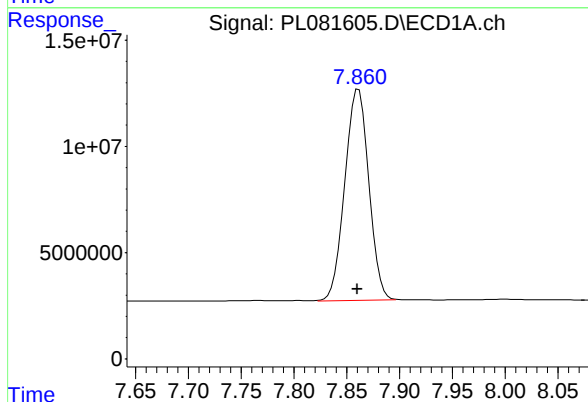
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



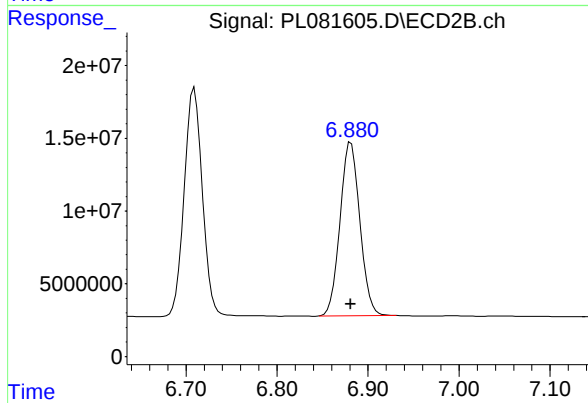
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 217076636
Conc: 100.14 ng/ml



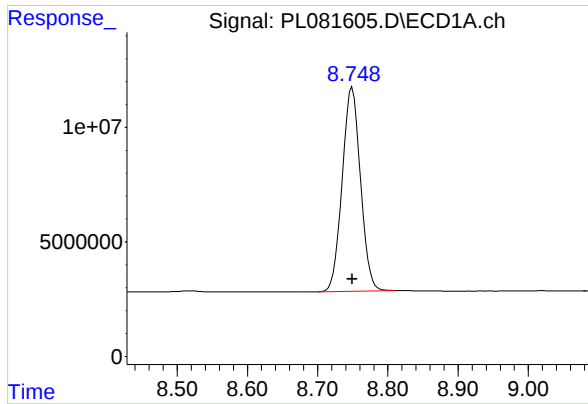
#22 Mirex

R.T.: 7.860 min
Delta R.T.: 0.000 min
Response: 157390385
Conc: 94.29 ng/ml m



#22 Mirex

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 181116257
Conc: 96.50 ng/ml



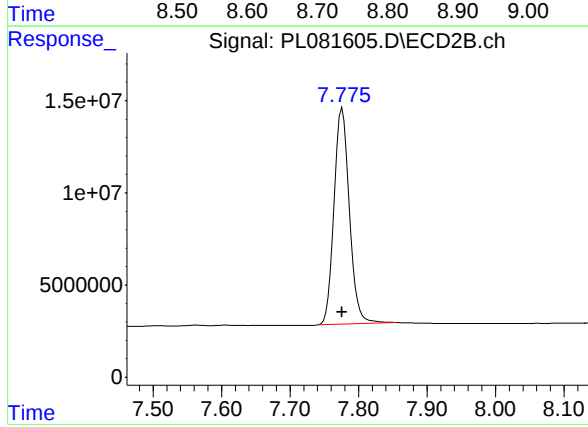
#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 161118180
Conc: 94.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 183125684
Conc: 97.05 ng/ml