

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 11:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2023
 Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:21:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.358	2.686	115.9E6	113.1E6	54.035	51.499
28)	SA Decachlor...	8.796	7.835	89409250	107.4E6	51.069	45.080
Target Compounds							
2)	A alpha-BHC	3.806	3.188	179.0E6	163.7E6	56.493	51.462
3)	MA gamma-BHC...	4.135	3.517	164.1E6	153.7E6	55.833	51.456
4)	MA Heptachlor	4.719	3.857	161.4E6	154.1E6	54.613	48.433
5)	MB Aldrin	5.057	4.137	145.4E6	142.8E6	53.155	48.401
6)	B beta-BHC	4.331	3.813	70195345	66193018	51.424	49.597
7)	B delta-BHC	4.574	4.043	163.4E6	147.9E6	56.434	51.276
8)	B Heptachlo...	5.481	4.639	133.6E6	132.1E6	51.623	47.461
9)	A Endosulfan I	5.863	5.009	124.8E6	121.3E6	52.856	46.649
10)	B gamma-Chl...	5.736	4.889	134.6E6	134.0E6	53.309	47.284m
11)	B alpha-Chl...	5.815	4.955	133.9E6	130.8E6	53.033	45.646
12)	B 4,4'-DDE	5.993	5.146	118.8E6	113.1E6	53.355	47.935m
13)	MA Dieldrin	6.136	5.274	127.0E6	125.0E6	53.064	46.221
14)	MA Endrin	6.364	5.548	112.6E6	110.4E6	52.063	47.542
15)	B Endosulfa...	6.583	5.843	105.8E6	103.6E6	46.167	49.712
16)	A 4,4'-DDD	6.507	5.701	99081028	94694598	54.084	50.391
17)	MA 4,4'-DDT	6.819	5.953	101.2E6	97856596	48.710	46.565
18)	B Endrin al...	6.713	6.023	82412671	83294240	49.544	45.613
19)	B Endosulfa...	6.946	6.246	108.1E6	110.1E6	52.217	47.354
20)	A Methoxychlor	7.297	6.531	54720042	54276078	49.597	44.728
21)	B Endrin ke...	7.426	6.751	119.7E6	124.5E6	54.233	48.751
22)	Mirex	7.898	6.934	85544014	103.3E6	49.741	45.353

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
Data File : PL080764.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 11:34
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

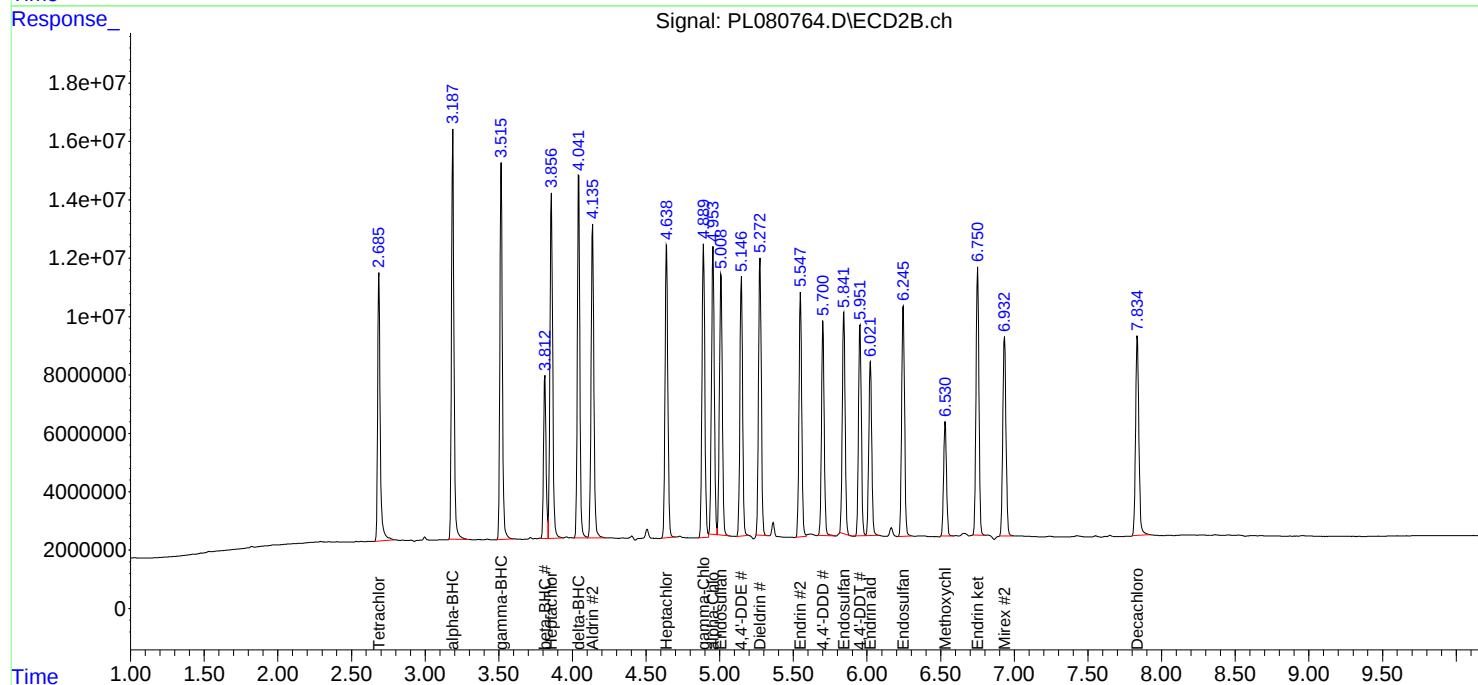
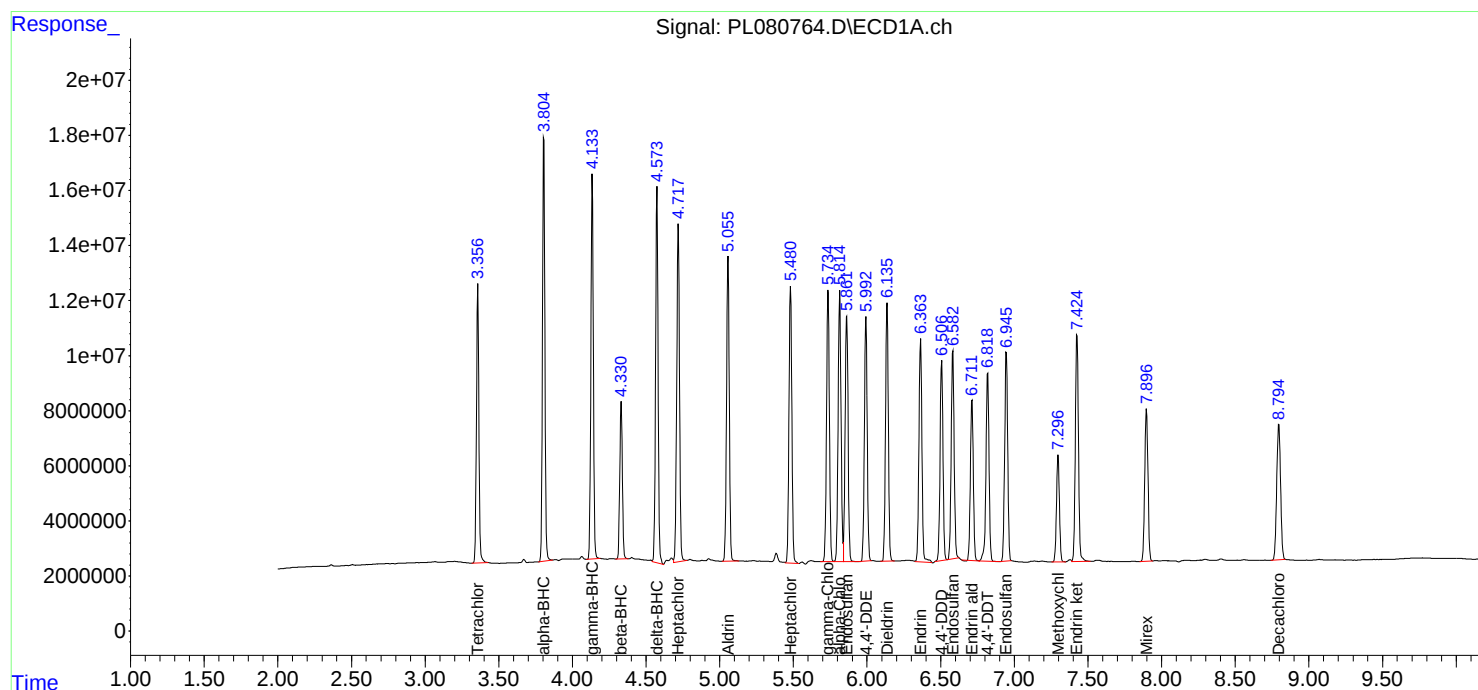
APPROVED

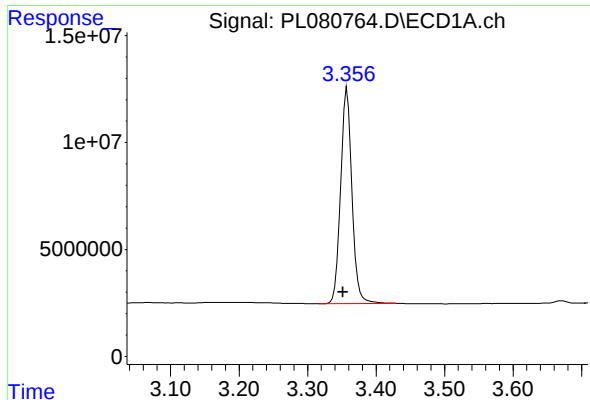
Reviewed By :Abdul Mirza 02/07/2023

Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:21:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





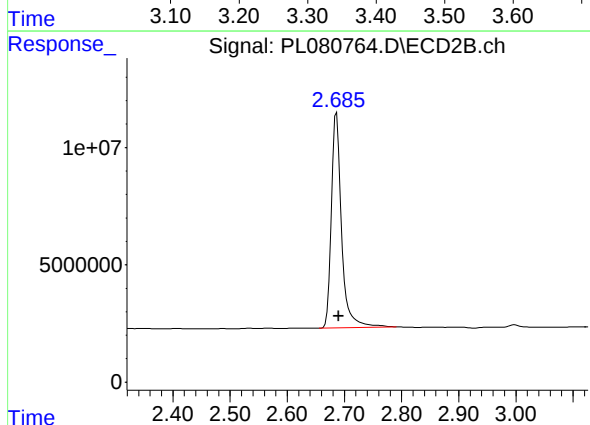
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: 0.006 min
Response: 115895192
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

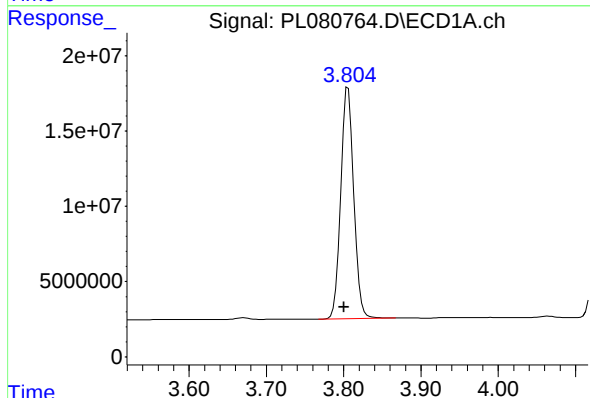
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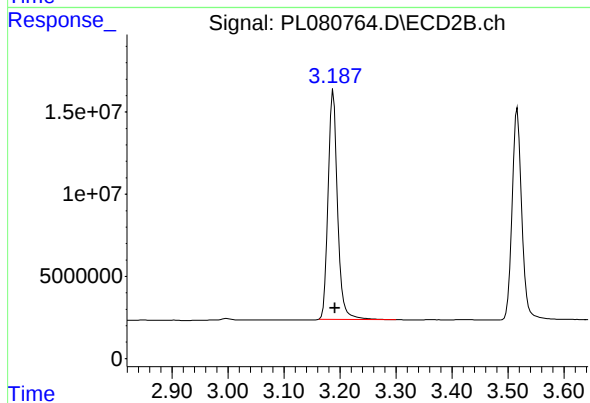
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 113114482
Conc: 51.50 ng/ml



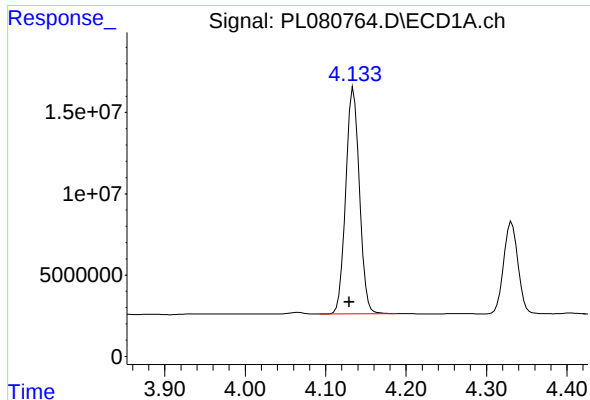
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.005 min
Response: 178970620
Conc: 56.49 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 163671671
Conc: 51.46 ng/ml



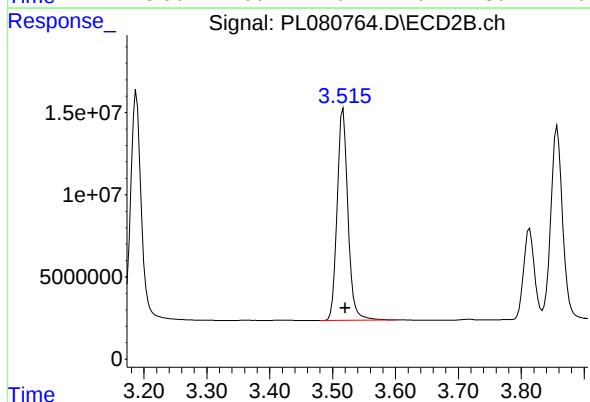
#3 gamma-BHC (Lindane)

R.T.: 4.135 min
Delta R.T.: 0.005 min
Response: 164135651
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

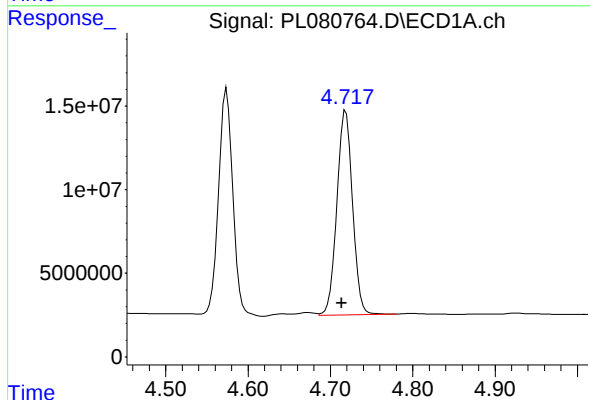
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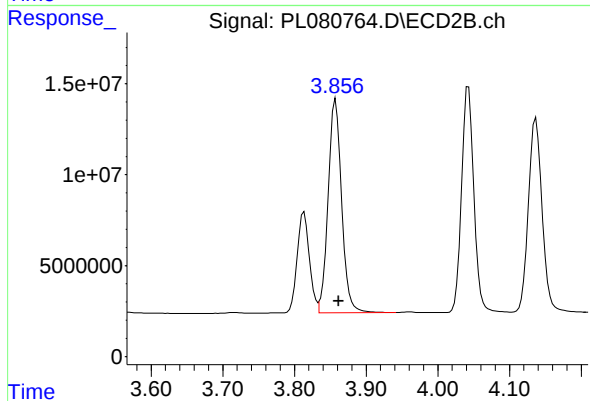
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 153715758
Conc: 51.46 ng/ml



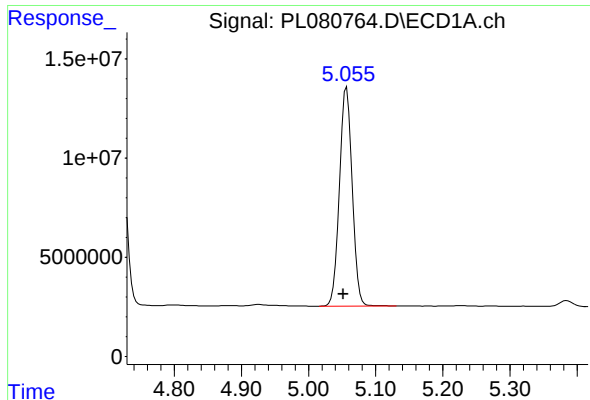
#4 Heptachlor

R.T.: 4.719 min
Delta R.T.: 0.005 min
Response: 161394436
Conc: 54.61 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 154130158
Conc: 48.43 ng/ml



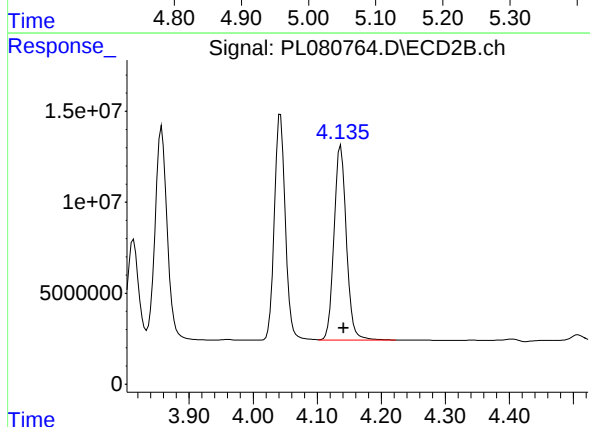
#5 Aldrin

R.T.: 5.057 min
Delta R.T.: 0.004 min
Response: 145420299
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

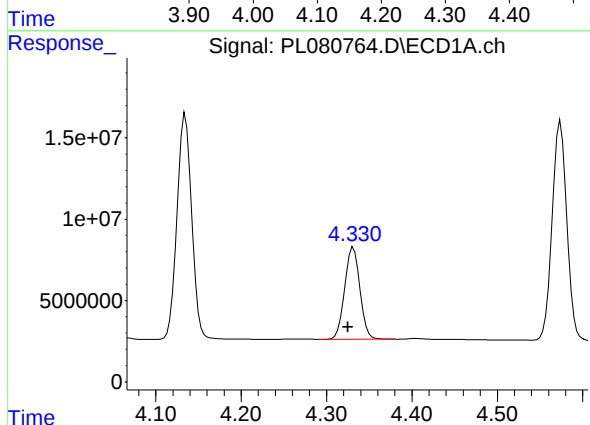
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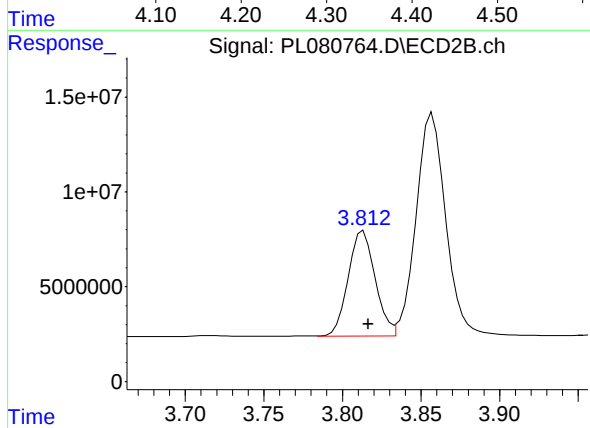
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 142761466
Conc: 48.40 ng/ml



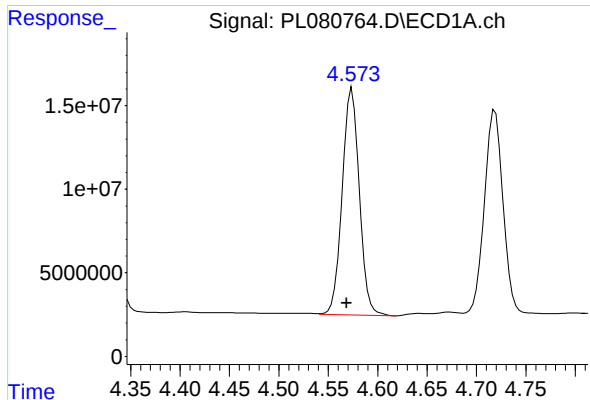
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.006 min
Response: 70195345
Conc: 51.42 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 66193018
Conc: 49.60 ng/ml



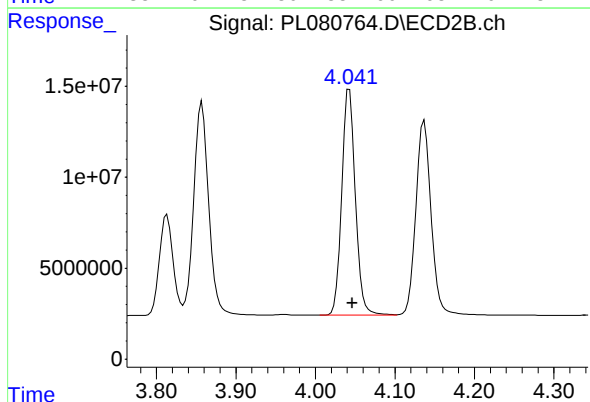
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: 0.006 min
Response: 163375666
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

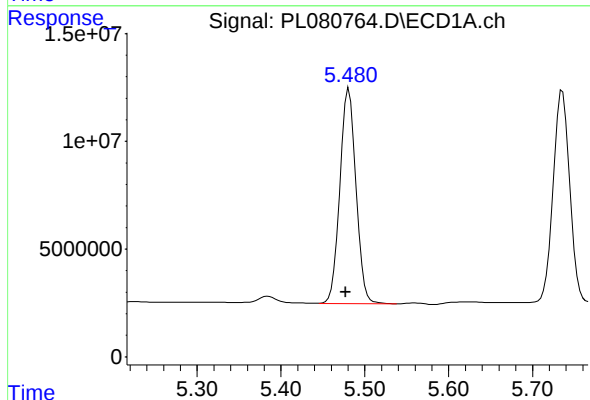
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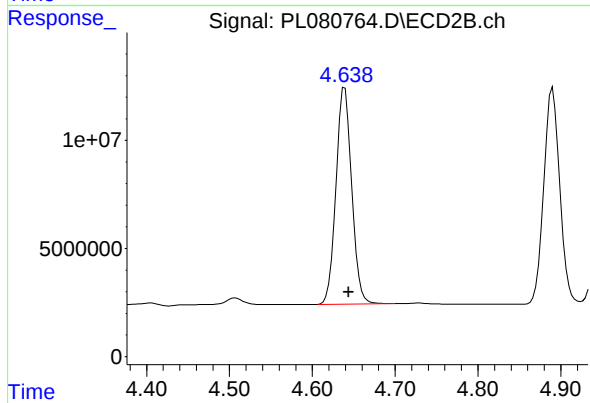
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 147901081
Conc: 51.28 ng/ml



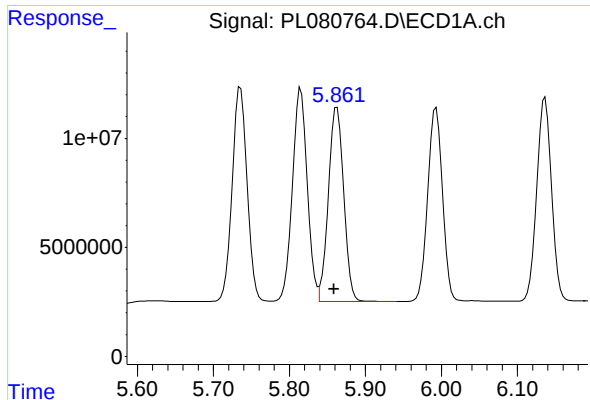
#8 Heptachlor epoxide

R.T.: 5.481 min
Delta R.T.: 0.004 min
Response: 133551338
Conc: 51.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 132052456
Conc: 47.46 ng/ml



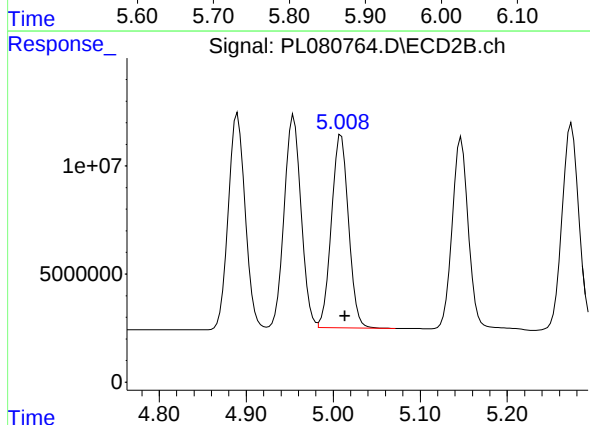
#9 Endosulfan I

R.T.: 5.863 min
Delta R.T.: 0.004 min
Response: 124818019
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

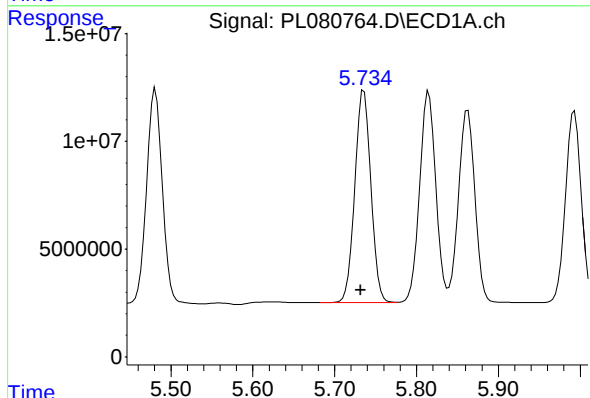
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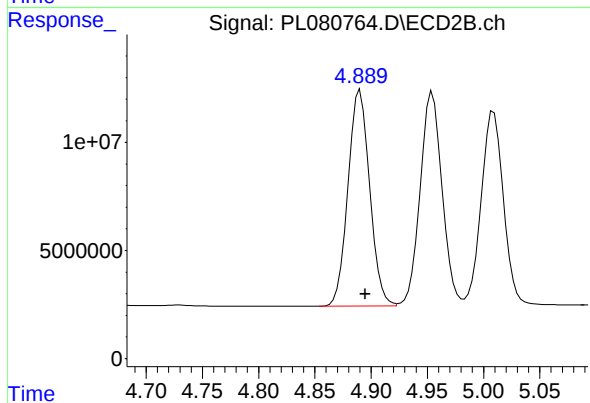
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 121349186
Conc: 46.65 ng/ml



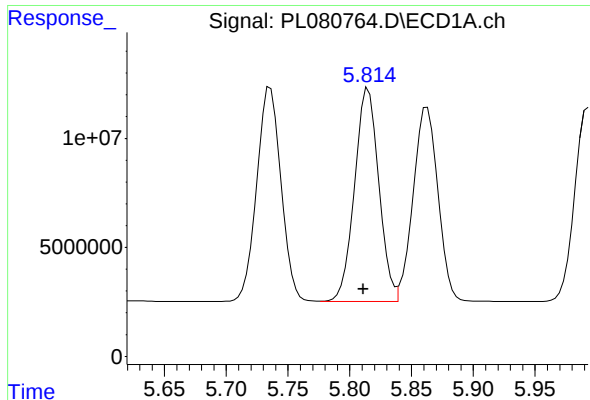
#10 gamma-Chlordane

R.T.: 5.736 min
Delta R.T.: 0.004 min
Response: 134644974
Conc: 53.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 134014981
Conc: 47.28 ng/ml m



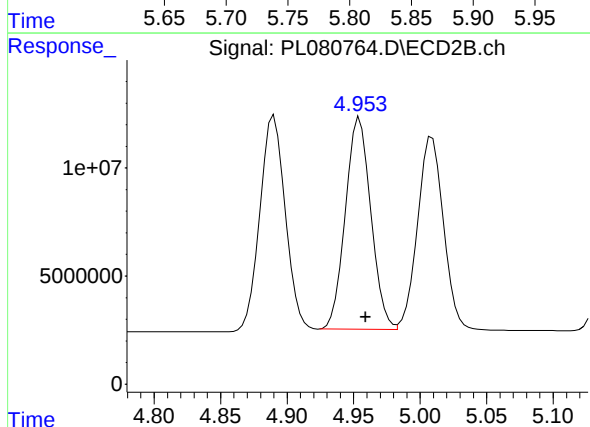
#11 alpha-Chlordane

R.T.: 5.815 min
Delta R.T.: 0.004 min
Response: 133870271
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

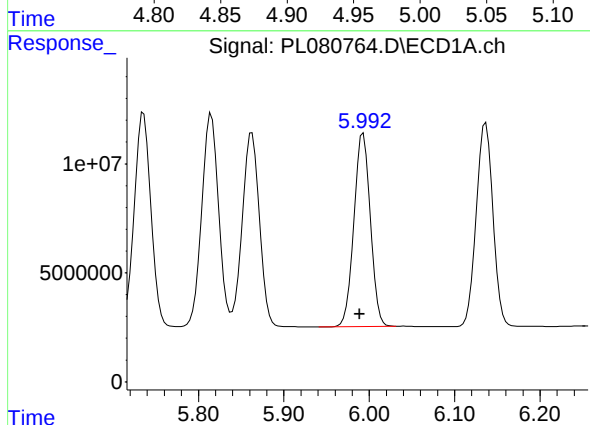
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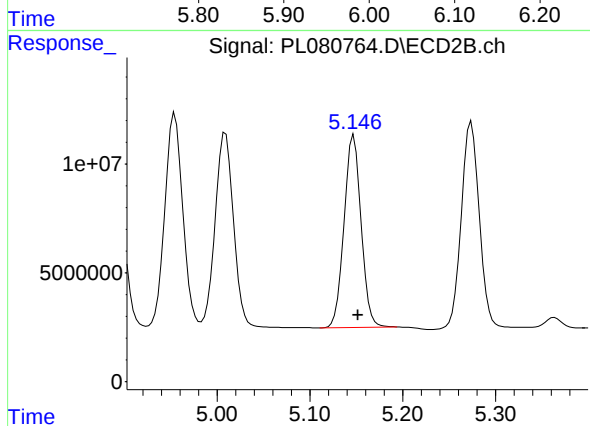
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 130759832
Conc: 45.65 ng/ml



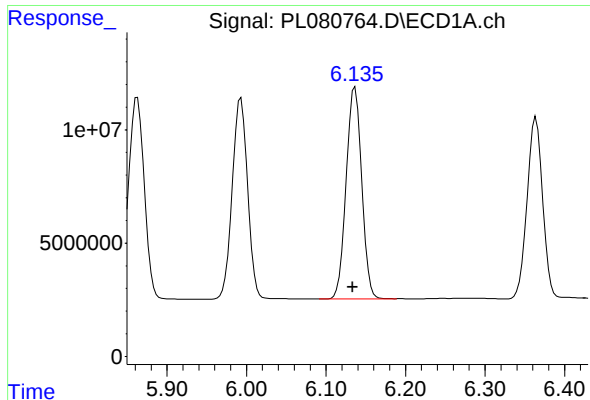
#12 4,4'-DDE

R.T.: 5.993 min
Delta R.T.: 0.004 min
Response: 118840709
Conc: 53.36 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 113069567
Conc: 47.93 ng/ml m



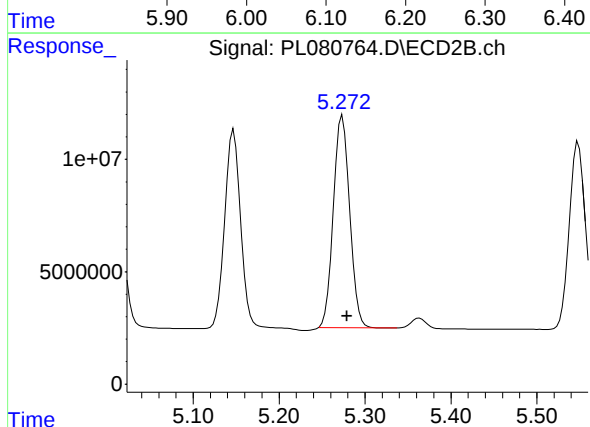
#13 Dieldrin

R.T.: 6.136 min
Delta R.T.: 0.003 min
Response: 127000779
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

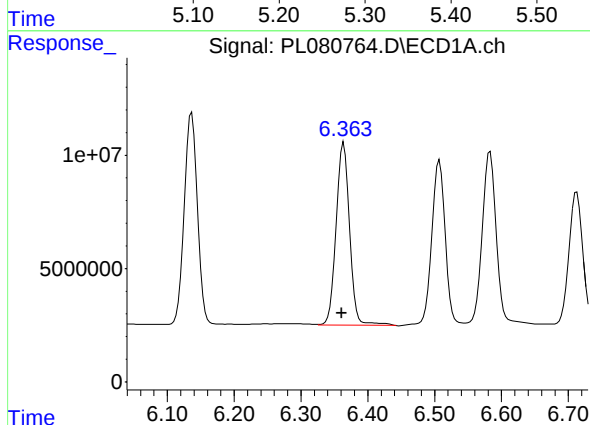
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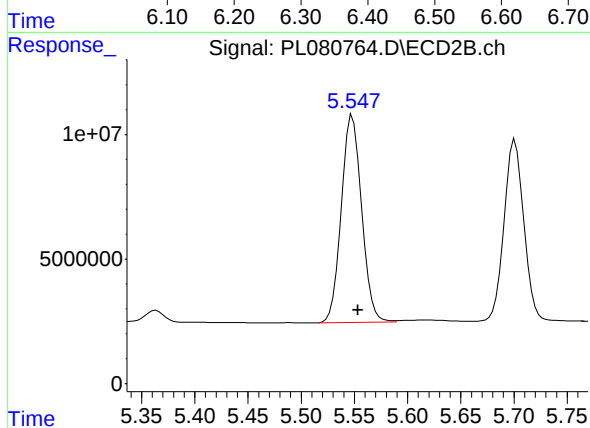
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 125025461
Conc: 46.22 ng/ml



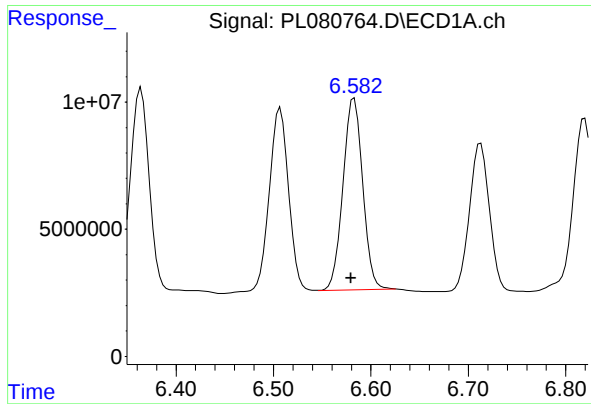
#14 Endrin

R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 112596217
Conc: 52.06 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 110352276
Conc: 47.54 ng/ml



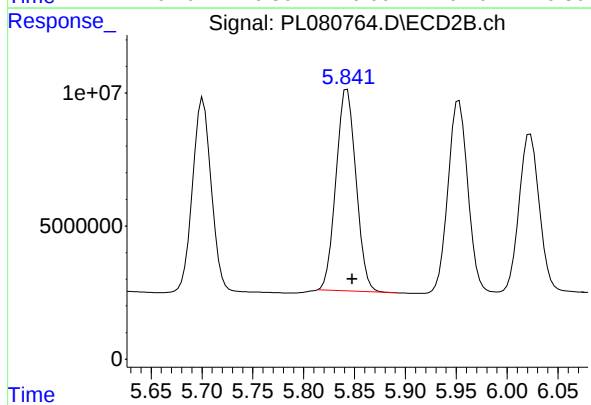
#15 Endosulfan II

R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 105829232
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

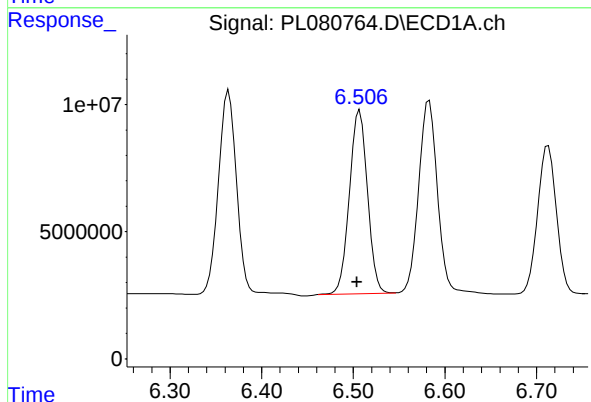
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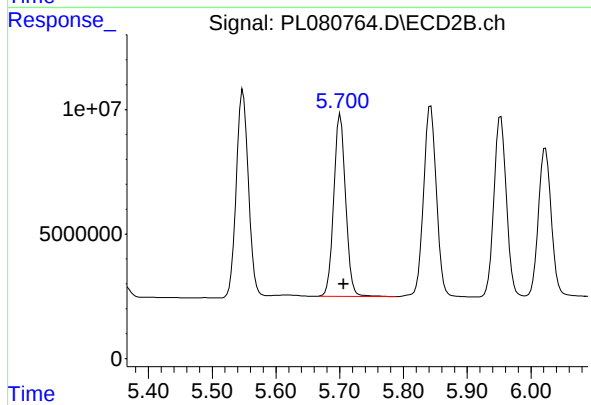
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 103585289
Conc: 49.71 ng/ml



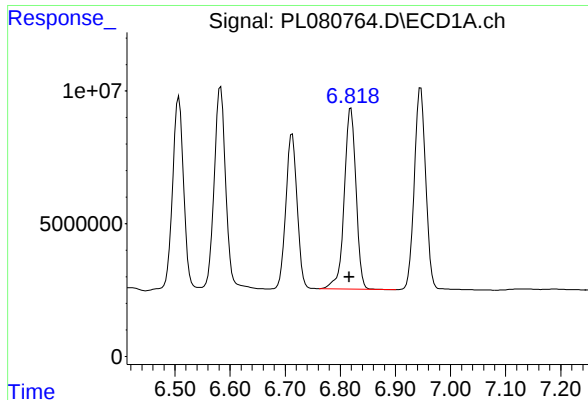
#16 4,4'-DDD

R.T.: 6.507 min
Delta R.T.: 0.003 min
Response: 99081028
Conc: 54.08 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 94694598
Conc: 50.39 ng/ml



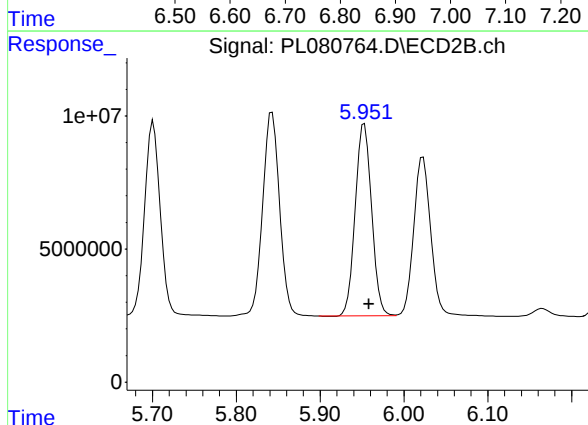
#17 4,4'-DDT

R.T.: 6.819 min
Delta R.T.: 0.003 min
Response: 101202959
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

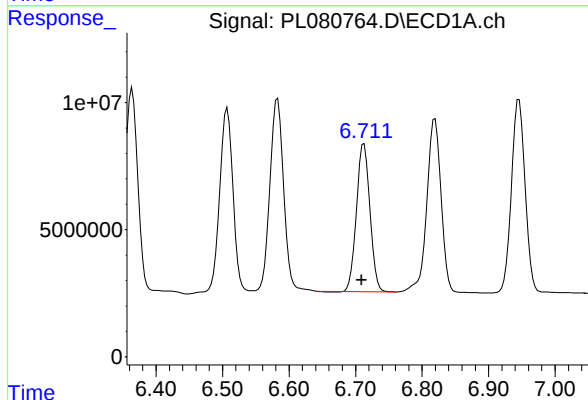
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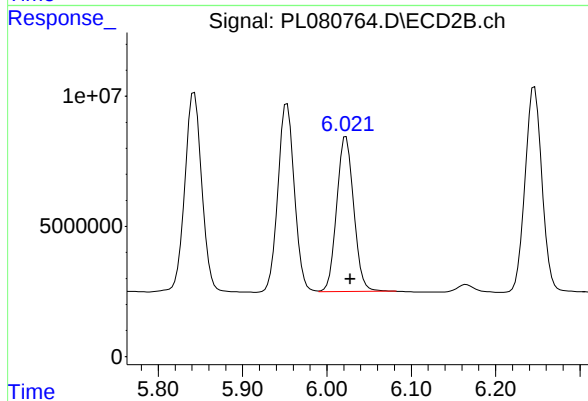
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.006 min
Response: 97856596
Conc: 46.57 ng/ml



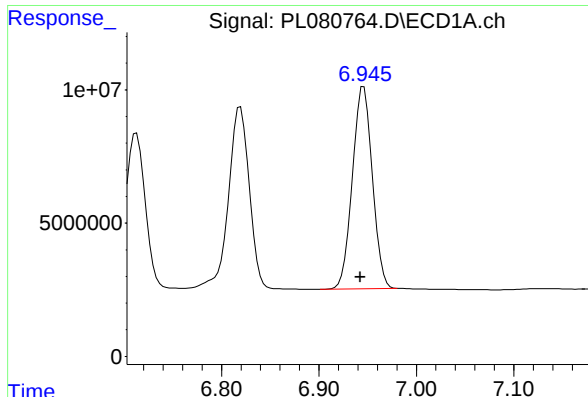
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 82412671
Conc: 49.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 83294240
Conc: 45.61 ng/ml



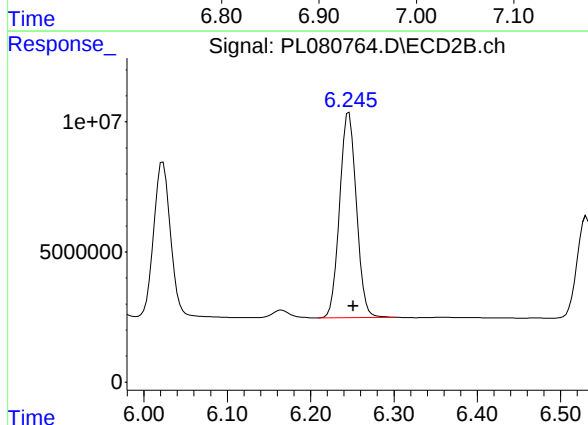
#19 Endosulfan Sulfate

R.T.: 6.946 min
Delta R.T.: 0.003 min
Response: 108085337
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

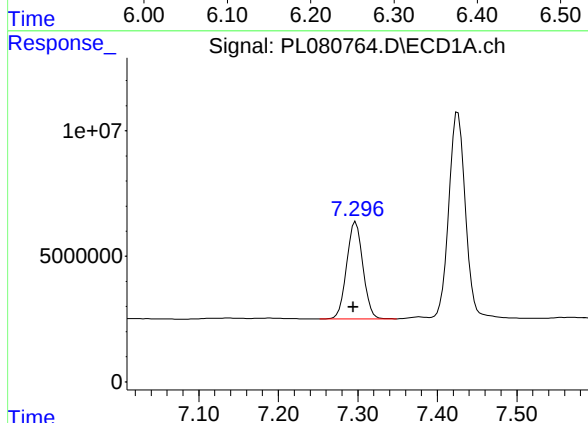
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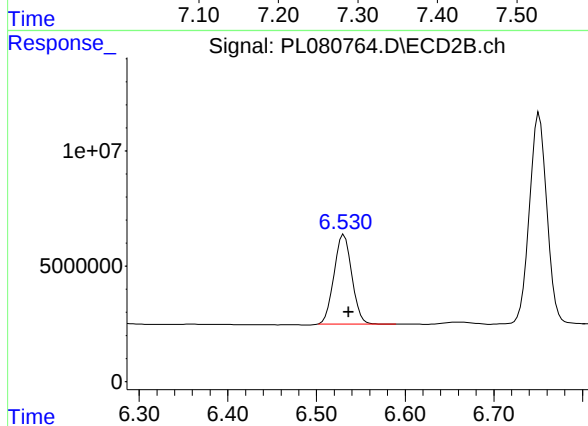
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 110129328
Conc: 47.35 ng/ml



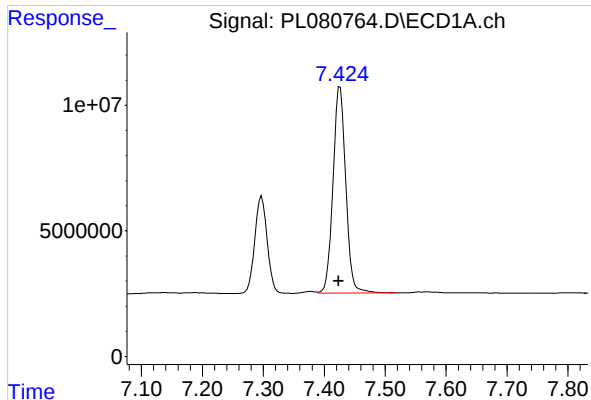
#20 Methoxychlor

R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 54720042
Conc: 49.60 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 54276078
Conc: 44.73 ng/ml



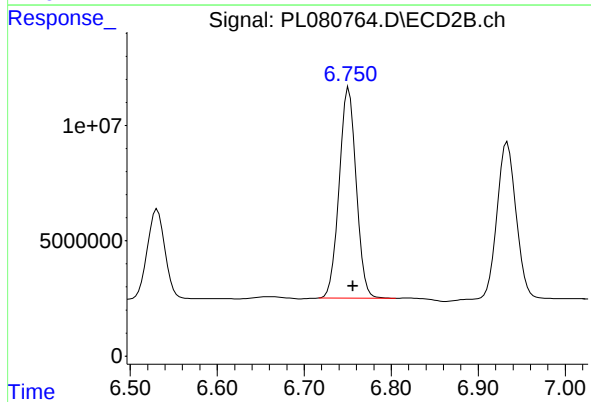
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: 0.002 min
Response: 119655611
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

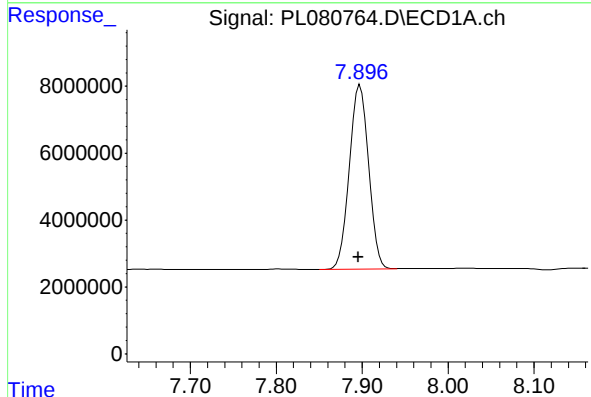
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



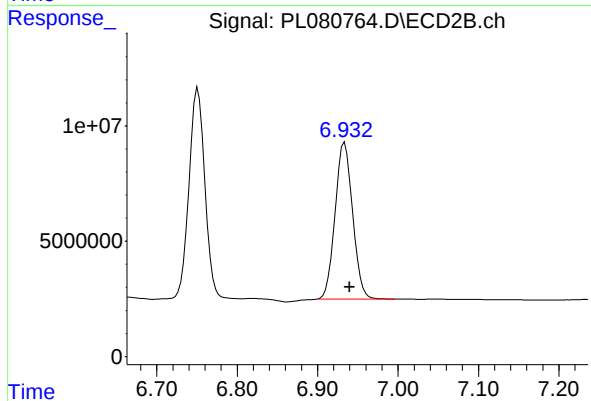
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 124471706
Conc: 48.75 ng/ml



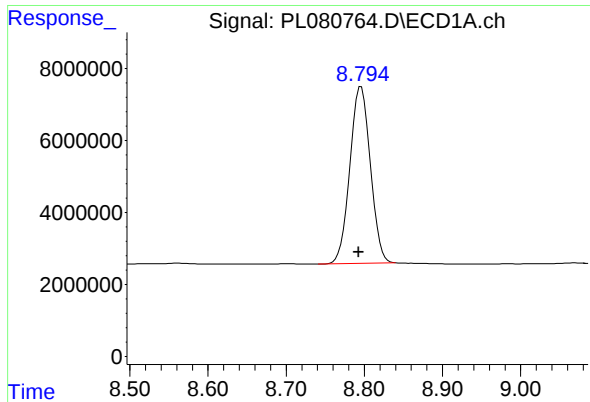
#22 Mirex

R.T.: 7.898 min
Delta R.T.: 0.002 min
Response: 85544014
Conc: 49.74 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.007 min
Response: 103256047
Conc: 45.35 ng/ml



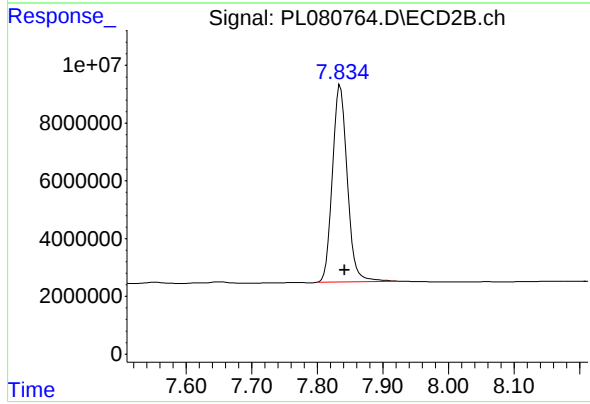
#28 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.003 min
Response: 89409250
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/07/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 107405251
Conc: 45.08 ng/ml