

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 18:25
 Operator : AR\AJ
 Sample : 02774-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-N-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/18/2023
 Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:30:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	50699735	43068227	18.980	18.590
28)	SA Decachlor...	8.738	7.748	41465761	42935892	21.720	18.811
Target Compounds							
2)	A alpha-BHC	3.768	3.138	176.4E6	141.9E6	44.323	41.694
3)	MA gamma-BHC...	4.095	3.463	172.4E6	142.3E6	46.107m	44.262m
4)	MA Heptachlor	4.674	3.796	164.5E6	128.7E6	45.013	37.603
5)	MB Aldrin	5.010	4.071	157.5E6	129.6E6	47.764	41.146m
6)	B beta-BHC	4.300	3.763	75007989	61398357	43.980	45.000m
7)	B delta-BHC	4.541	3.990	164.9E6	129.2E6	45.847	42.106
8)	B Heptachlo...	5.437	4.572	145.9E6	119.2E6	47.837	41.369
9)	A Endosulfan I	5.817	4.940	131.3E6	110.5E6	47.352	41.396
10)	B gamma-Chl...	5.692	4.821	148.0E6	119.2E6	49.223	41.084
11)	B alpha-Chl...	5.770	4.884	142.3E6	119.9E6	47.669	41.321
12)	B 4,4'-DDE	5.948	5.073	122.9E6	101.4E6	48.343	44.128m
13)	MA Dieldrin	6.093	5.202	134.3E6	116.8E6	48.685	43.237m
14)	MA Endrin	6.320	5.477	113.0E6	101.2E6	46.620	41.354m
15)	B Endosulfa...	6.542	5.775	121.4E6	102.0E6	49.872	45.231
16)	A 4,4'-DDD	6.464	5.629	104.4E6	86699565	51.511	46.354
17)	MA 4,4'-DDT	6.775	5.877	100.2E6	86458680	43.816	40.925
18)	B Endrin al...	6.672	5.954	94647285	85560374	50.233	45.721
19)	B Endosulfa...	6.906	6.177	113.2E6	100.3E6	47.729	42.590
20)	A Methoxychlor	7.256	6.455	55927663	51007837	45.830	42.091m
21)	B Endrin ke...	7.386	6.680	121.0E6	117.3E6	50.541	46.214m
22)	Mirex	7.850	6.851	90553615	95187761	46.288	41.309m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
Data File : PL082770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 18:25
Operator : AR\AJ
Sample : 02774-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

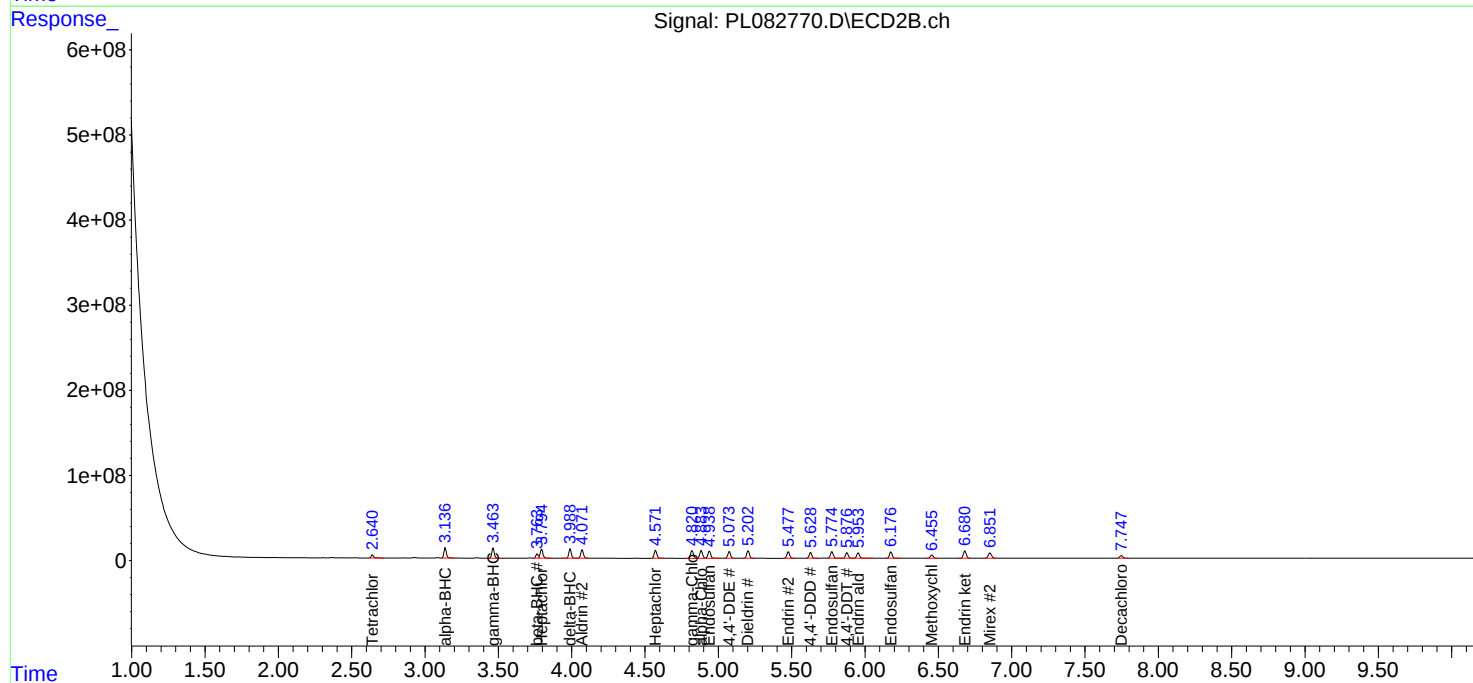
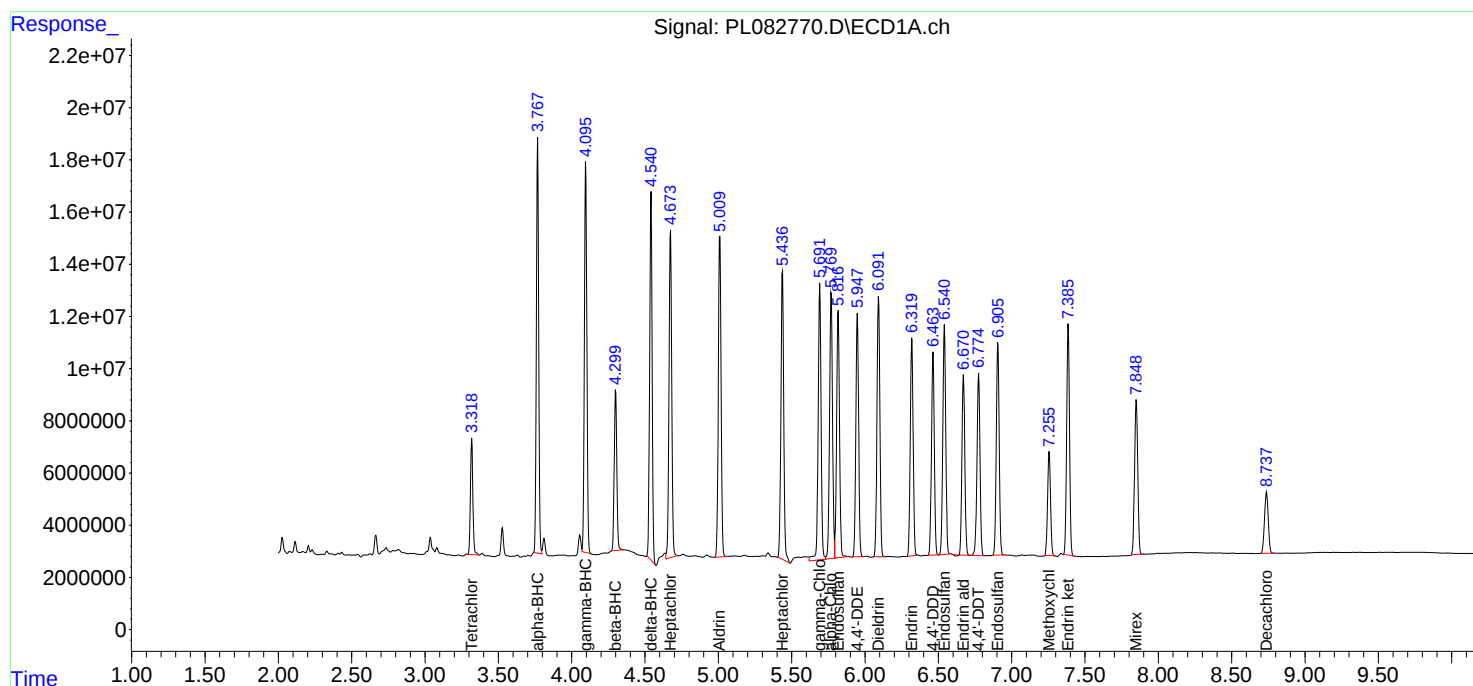
Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

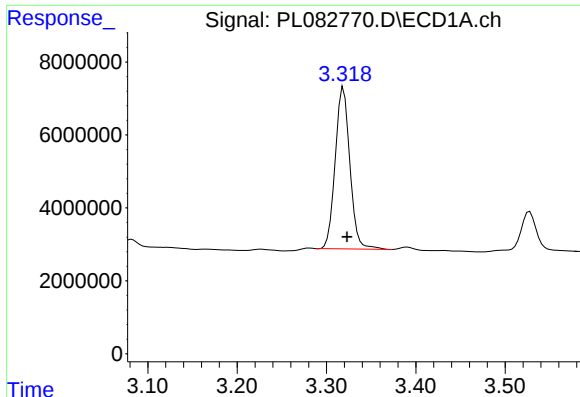
Manual Integrations
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Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 21:30:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





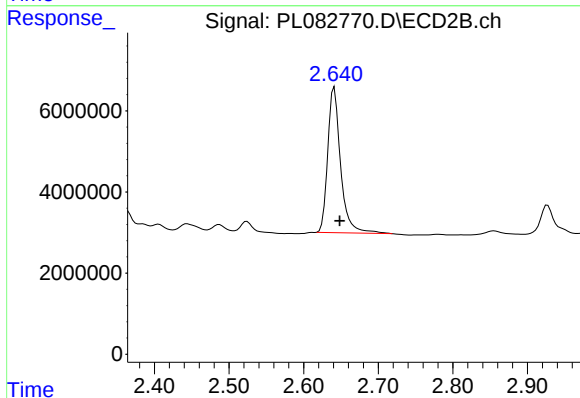
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 50699735
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

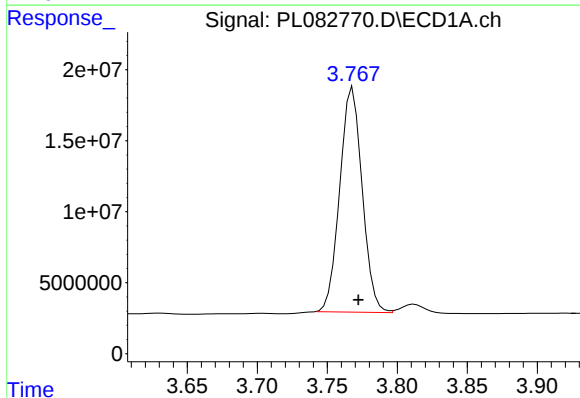
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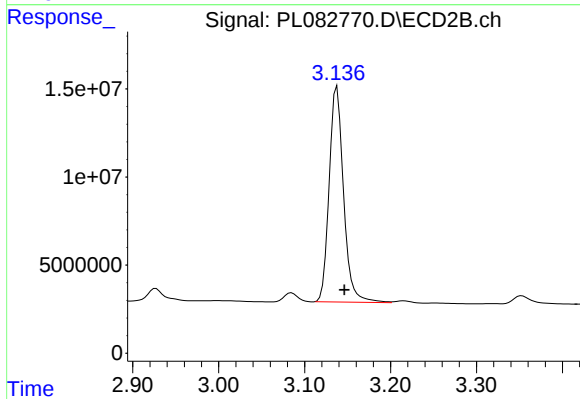
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 43068227
Conc: 18.59 ng/ml



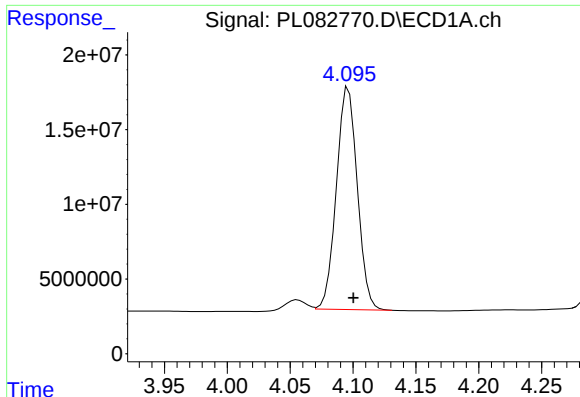
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 176416973
Conc: 44.32 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.009 min
Response: 141903716
Conc: 41.69 ng/ml



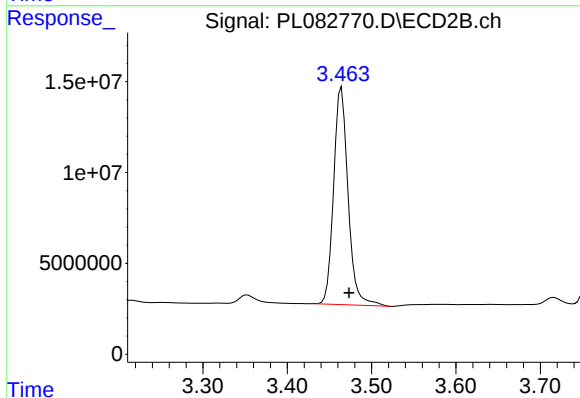
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.005 min
Response: 172389054
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

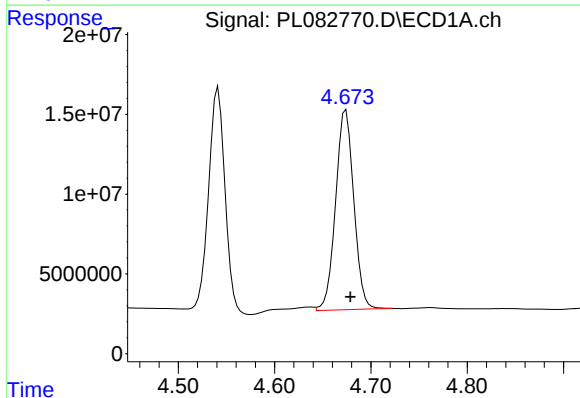
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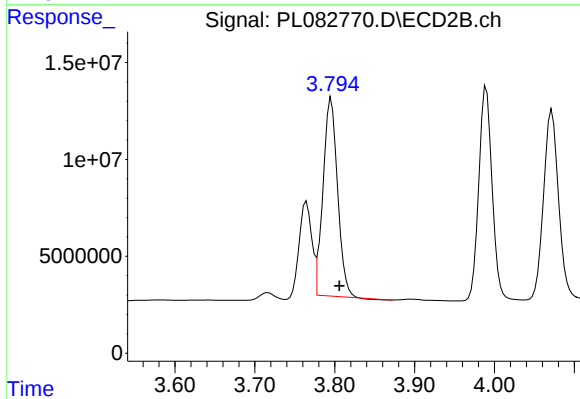
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: -0.010 min
Response: 142316120
Conc: 44.26 ng/ml m



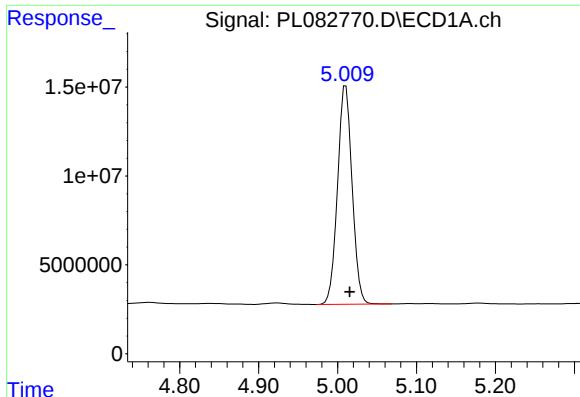
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 164474829
Conc: 45.01 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 128724344
Conc: 37.60 ng/ml



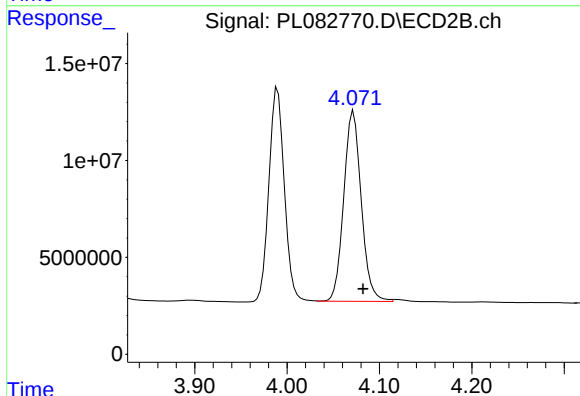
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 157507005
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

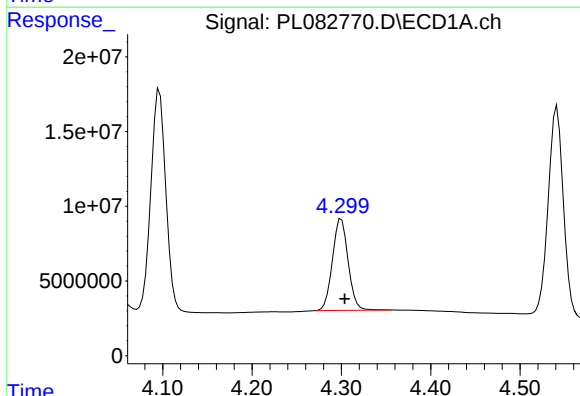
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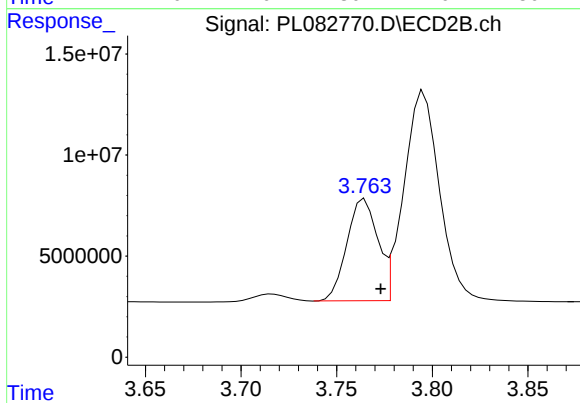
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.012 min
Response: 129603732
Conc: 41.15 ng/ml m



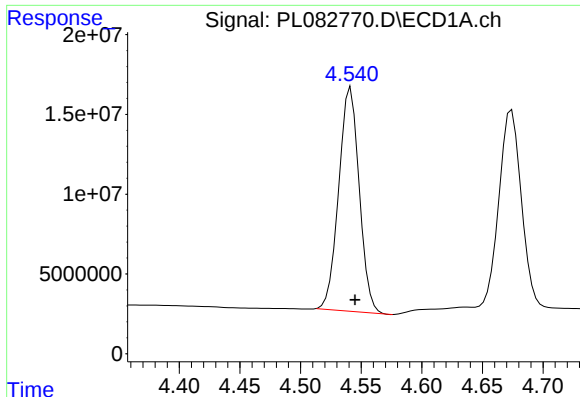
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 75007989
Conc: 43.98 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 61398357
Conc: 45.00 ng/ml m



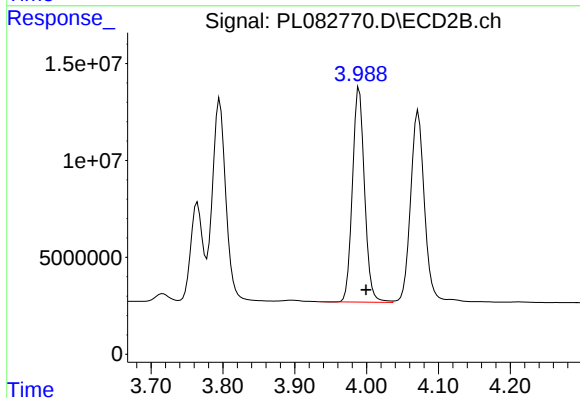
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 164947009
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

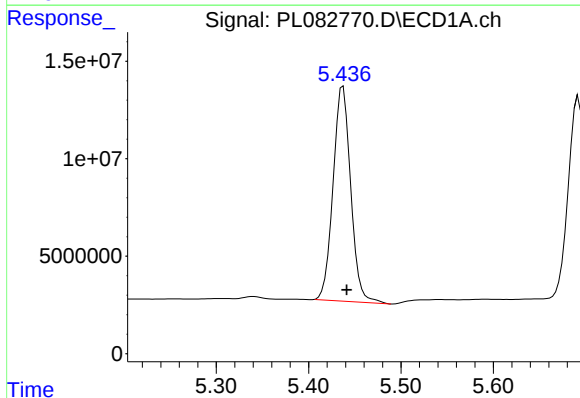
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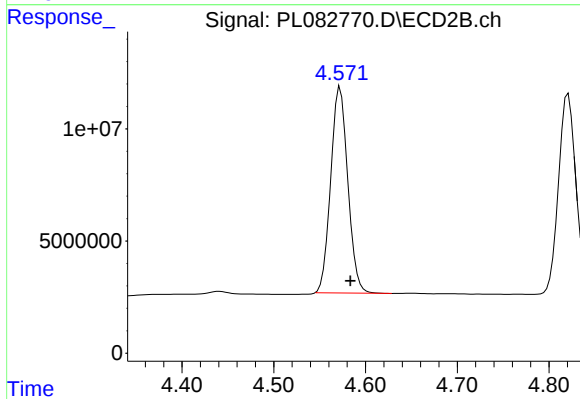
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.010 min
Response: 129155962
Conc: 42.11 ng/ml



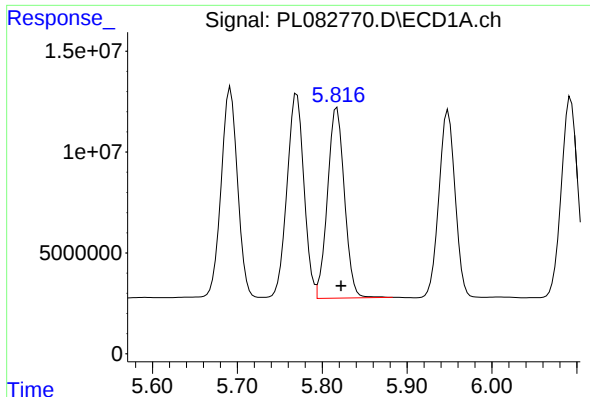
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 145918183
Conc: 47.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 119178867
Conc: 41.37 ng/ml



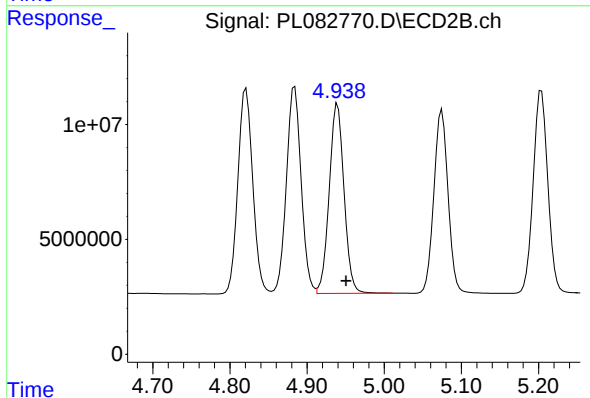
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 131294986
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

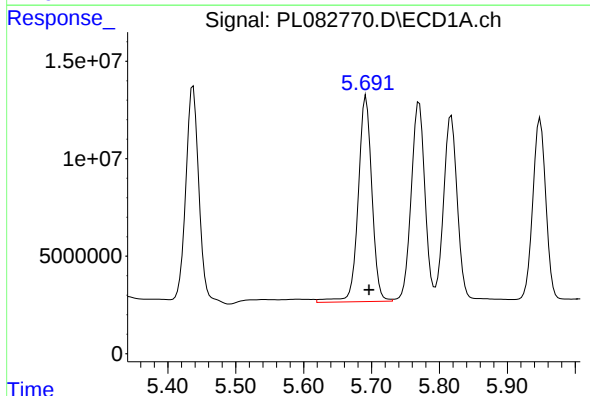
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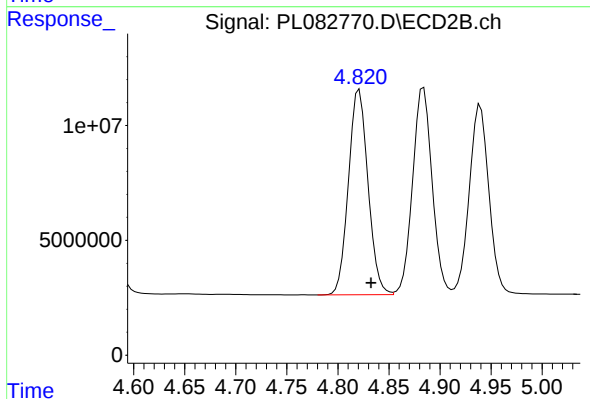
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.011 min
Response: 110503286
Conc: 41.40 ng/ml



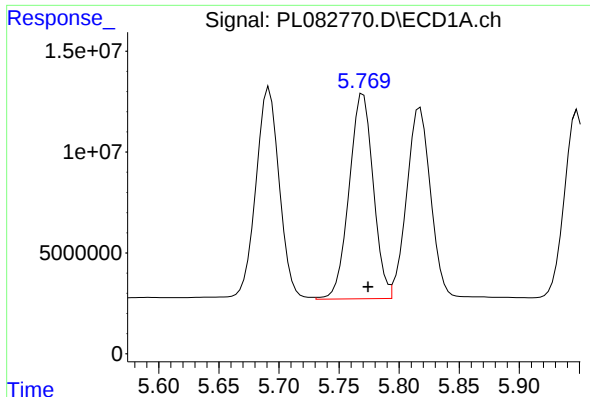
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 148007370
Conc: 49.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: -0.012 min
Response: 119218526
Conc: 41.08 ng/ml



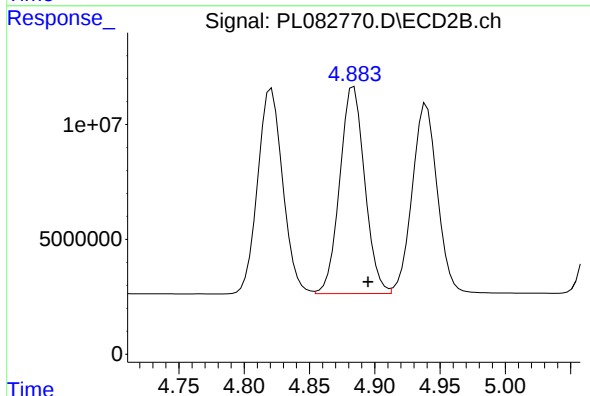
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 142271764
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

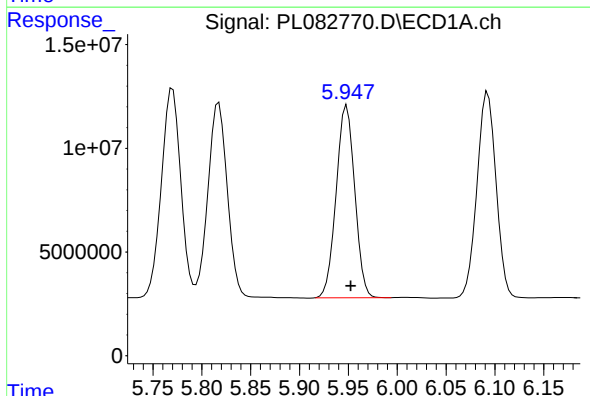
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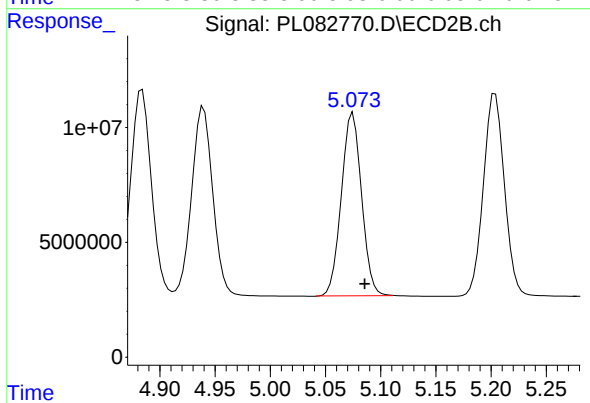
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 119947089
Conc: 41.32 ng/ml



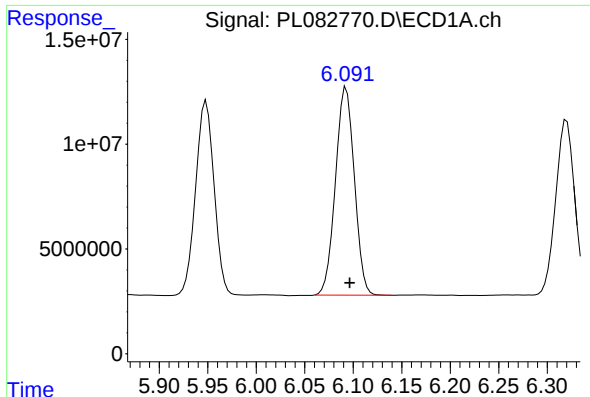
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 122890499
Conc: 48.34 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.012 min
Response: 101449744
Conc: 44.13 ng/ml m



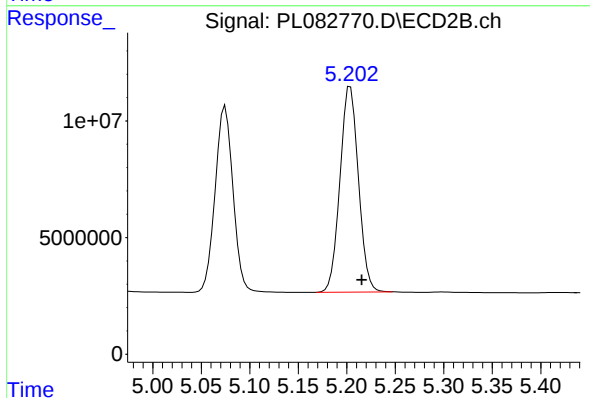
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 134326718
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

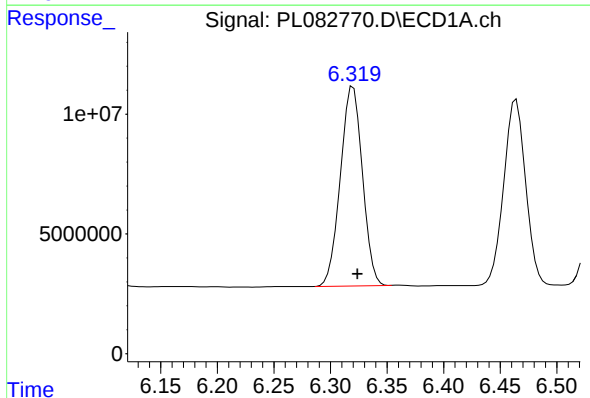
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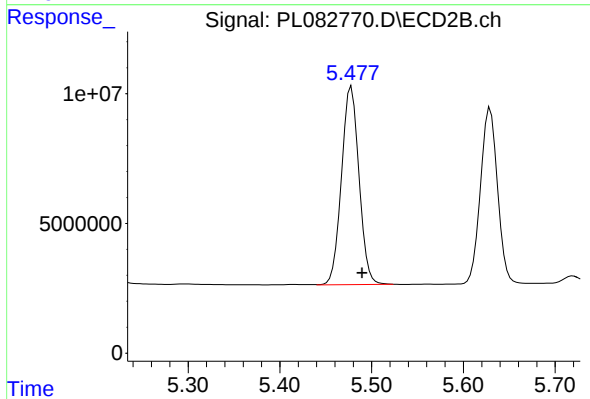
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 116755711
Conc: 43.24 ng/ml m



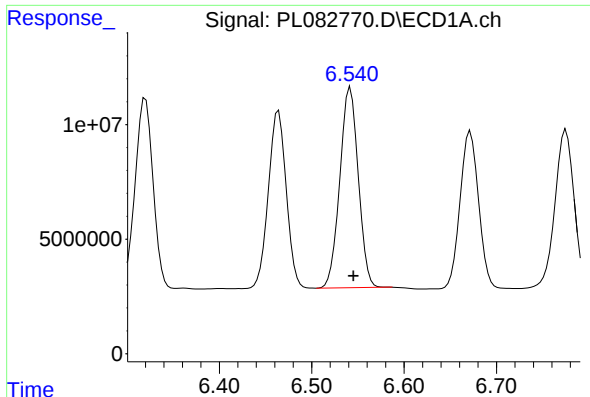
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 113032292
Conc: 46.62 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.013 min
Response: 101150992
Conc: 41.35 ng/ml m



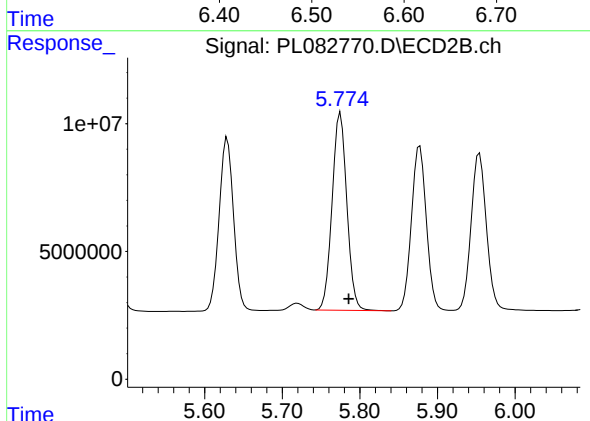
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 121417124
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

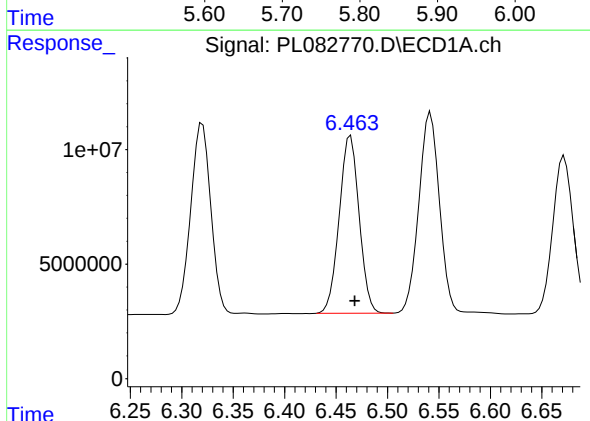
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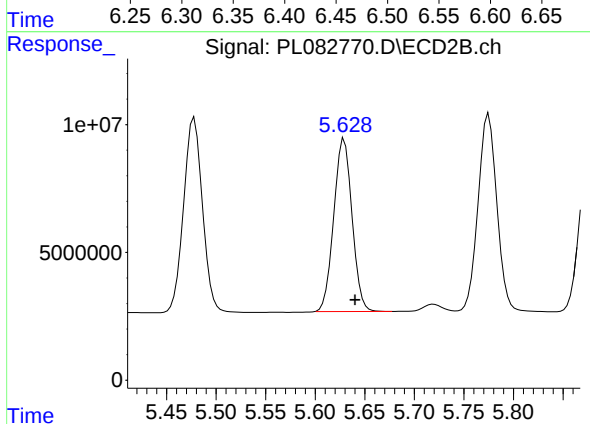
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: -0.011 min
Response: 101955202
Conc: 45.23 ng/ml



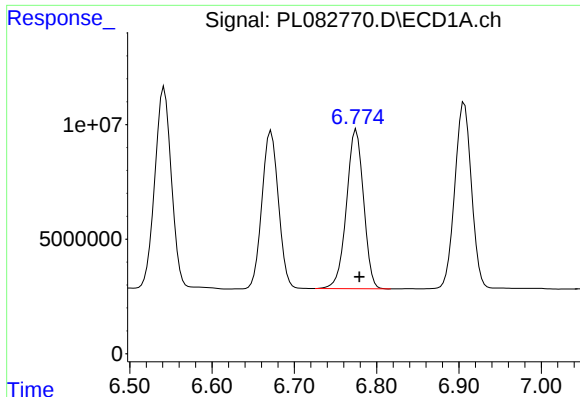
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 104423394
Conc: 51.51 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.011 min
Response: 86699565
Conc: 46.35 ng/ml



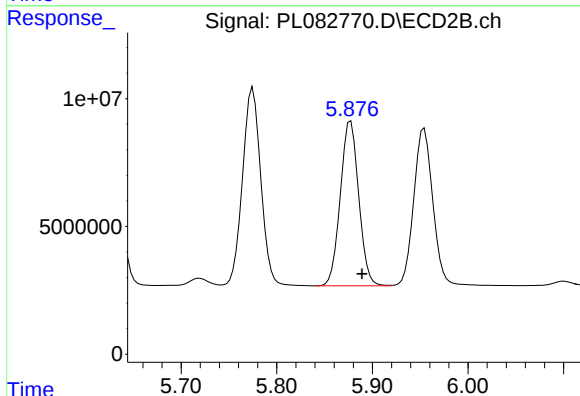
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 100237970
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

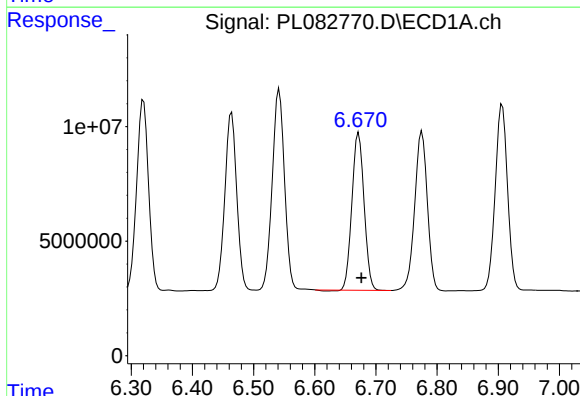
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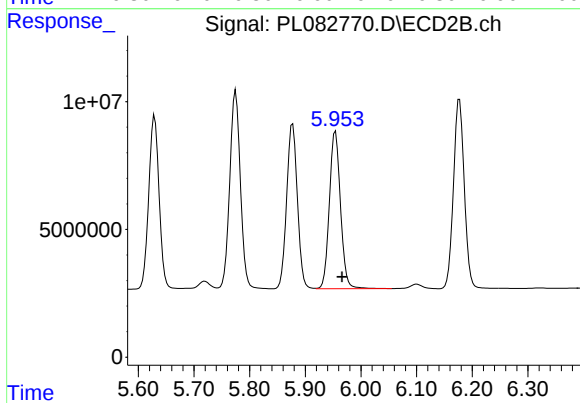
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 86458680
Conc: 40.93 ng/ml



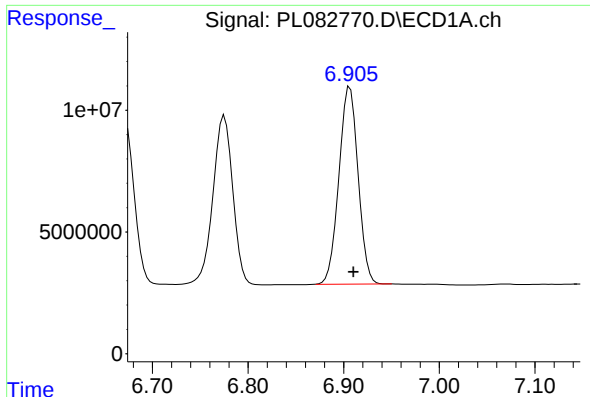
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 94647285
Conc: 50.23 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: -0.012 min
Response: 85560374
Conc: 45.72 ng/ml



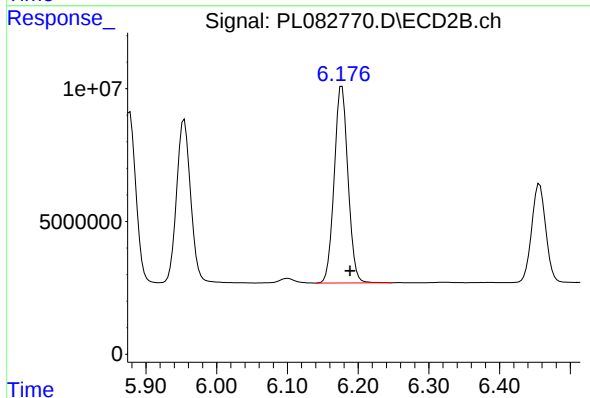
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 113190249
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

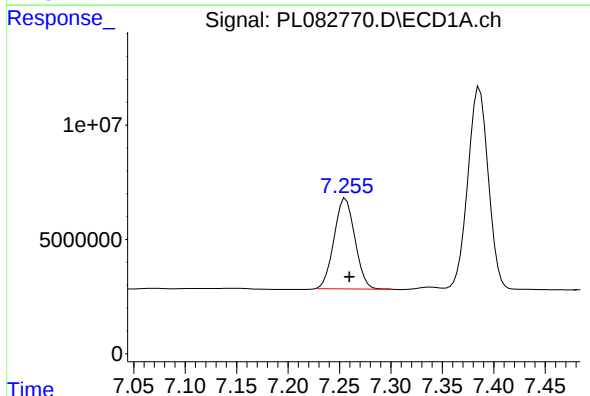
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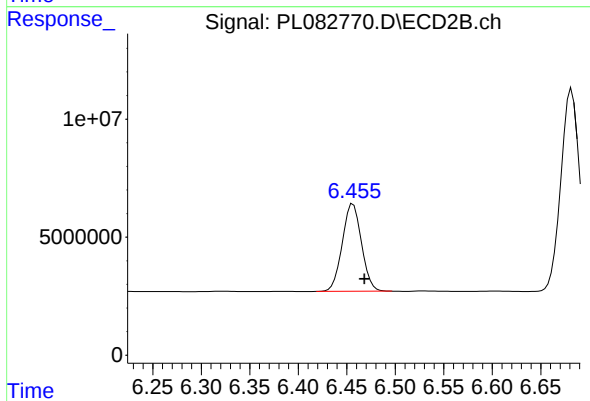
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 100268955
Conc: 42.59 ng/ml



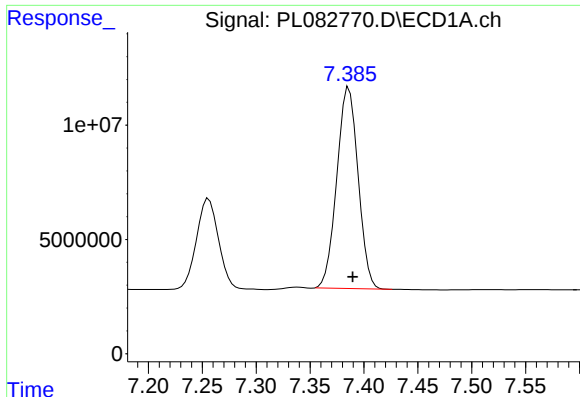
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 55927663
Conc: 45.83 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 51007837
Conc: 42.09 ng/ml m



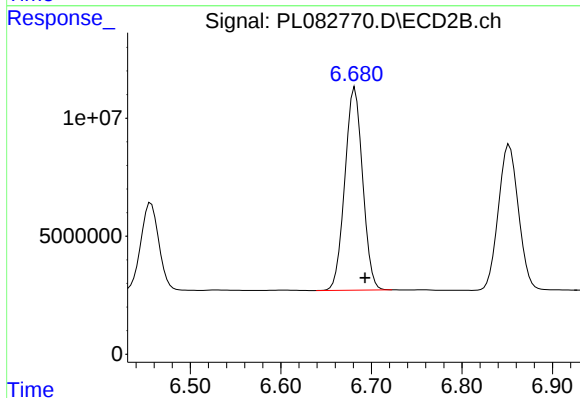
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 121015527
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

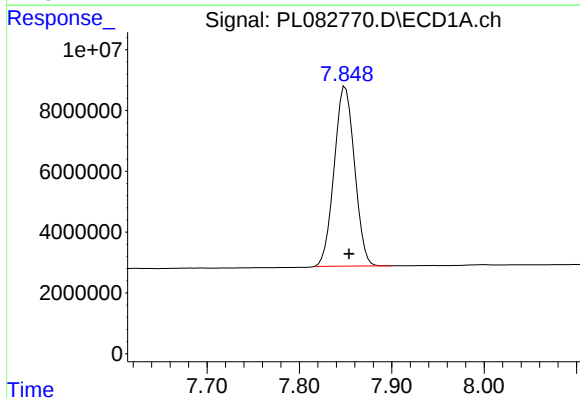
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2023
Supervised By :Ankita Jodhani 05/18/2023



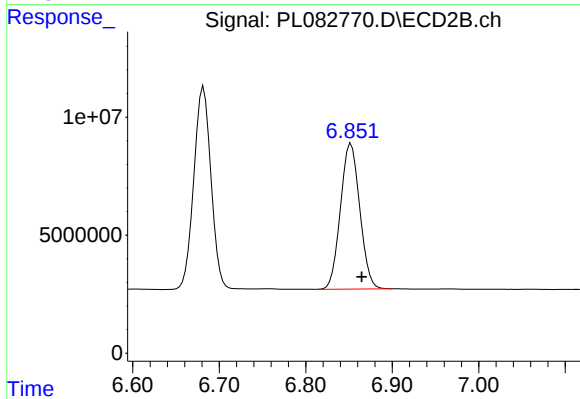
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: -0.012 min
Response: 117299865
Conc: 46.21 ng/ml m



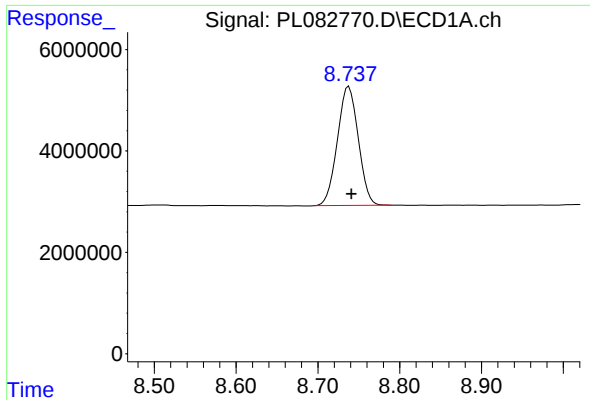
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.004 min
Response: 90553615
Conc: 46.29 ng/ml



#22 Mirex

R.T.: 6.851 min
Delta R.T.: -0.014 min
Response: 95187761
Conc: 41.31 ng/ml m



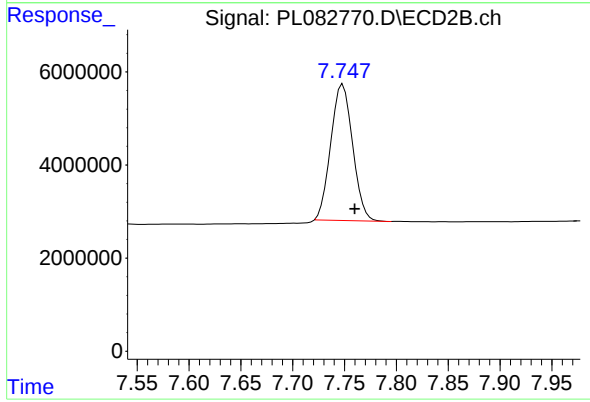
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 41465761
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/18/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 42935892
Conc: 18.81 ng/ml