

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 19:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/17/2023
 Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:56:48 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...	3.352	2.688	107.9E6	112.9E6	50.288	51.385
28)	SA Decachlor...	8.786	7.830	79992455	100.8E6	45.690	42.300
Target Compounds							
2)	A alpha-BHC	3.800	3.188	164.6E6	163.0E6	51.955	51.249
3)	MA gamma-BHC...	4.128	3.516	153.0E6	151.2E6	52.041	50.598
4)	MA Heptachlor	4.712	3.856	148.6E6	153.7E6	50.297	48.290
5)	MB Aldrin	5.049	4.136	137.0E6	143.7E6	50.084	48.702
6)	B beta-BHC	4.324	3.812	67297298	66532541	49.301	49.851
7)	B delta-BHC	4.567	4.042	147.0E6	143.4E6	50.778	49.725
8)	B Heptachlo...	5.474	4.637	124.0E6	132.8E6	47.928	47.745
9)	A Endosulfan I	5.856	5.006	114.9E6	120.2E6	48.659	46.198
10)	B gamma-Chl...	5.729	4.886	125.1E6	133.7E6	49.542	47.190m
11)	B alpha-Chl...	5.808	4.952	123.4E6	130.6E6	48.894	45.595
12)	B 4,4'-DDE	5.986	5.143	109.1E6	114.5E6	49.002	48.539m
13)	MA Dieldrin	6.130	5.270	116.5E6	124.4E6	48.671	46.007m
14)	MA Endrin	6.357	5.546	103.5E6	109.7E6	47.878	47.241
15)	B Endosulfa...	6.576	5.840	97071947	100.8E6	42.346	48.363
16)	A 4,4'-DDD	6.500	5.698	94373399	99149896	51.514	52.762
17)	MA 4,4'-DDT	6.812	5.950	88692396	90166651	42.688	42.906
18)	B Endrin al...	6.706	6.020	77518311	81463833	46.602	44.611
19)	B Endosulfa...	6.939	6.242	99317587	105.8E6	47.981	45.475
20)	A Methoxychlor	7.290	6.527	48195528	51233551	43.684	42.221
21)	B Endrin ke...	7.419	6.747	105.4E6	119.0E6	47.792	46.613
22)	Mirex	7.890	6.928	79466538	99317186	46.207	43.623m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 19:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

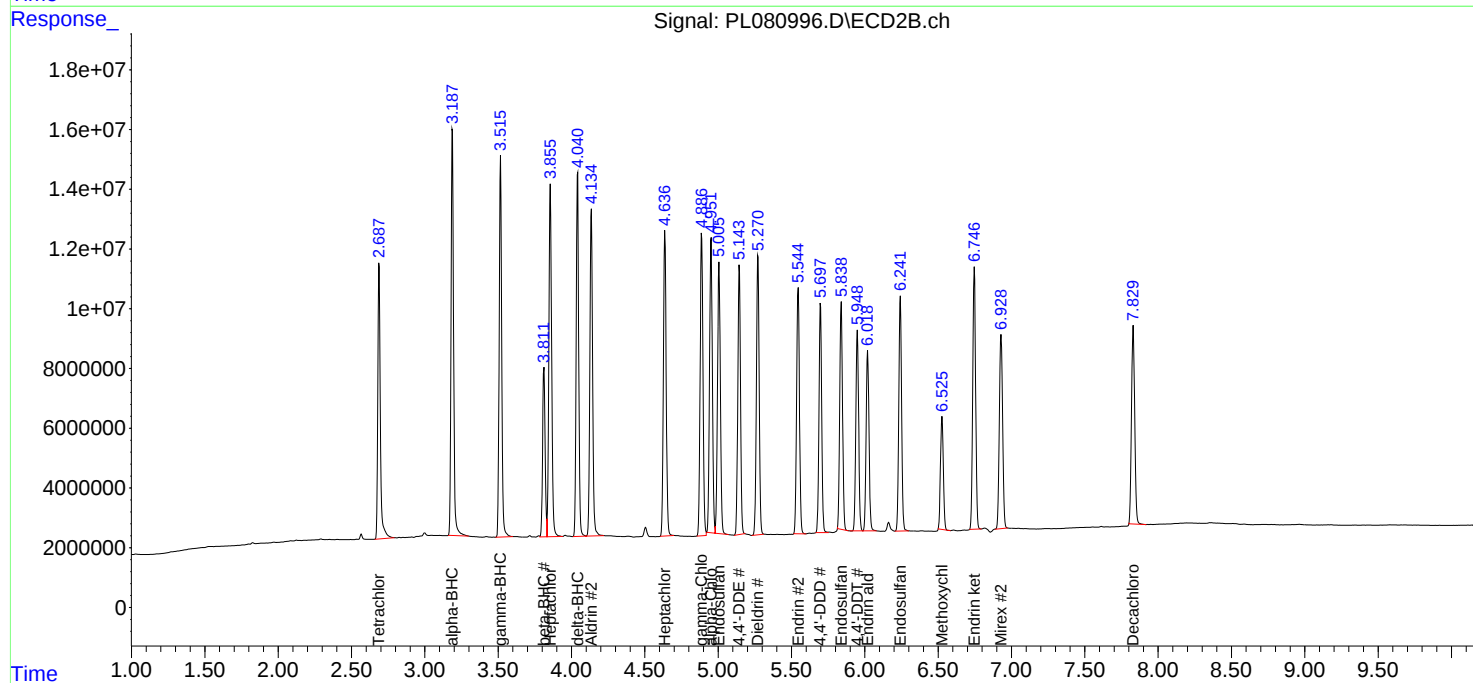
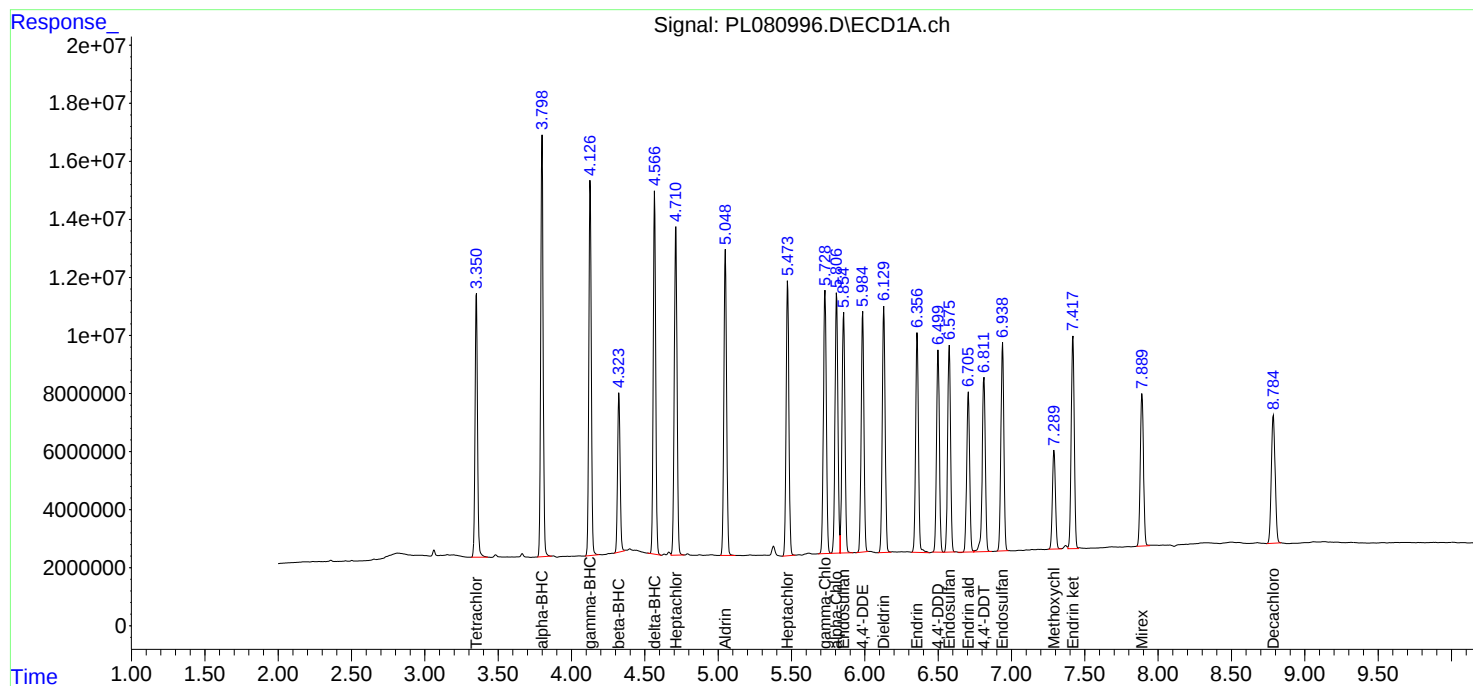
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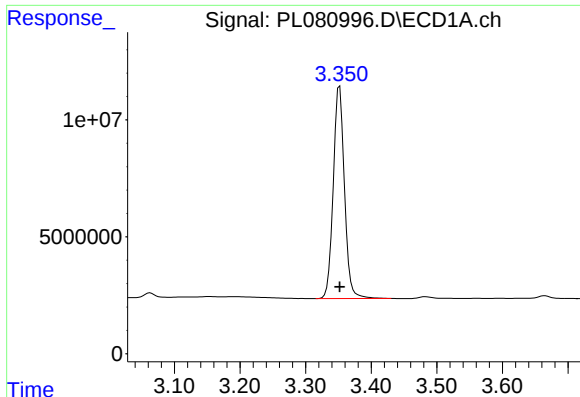
Reviewed By :Abdul Mirza 02/17/2023

Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:56:48 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





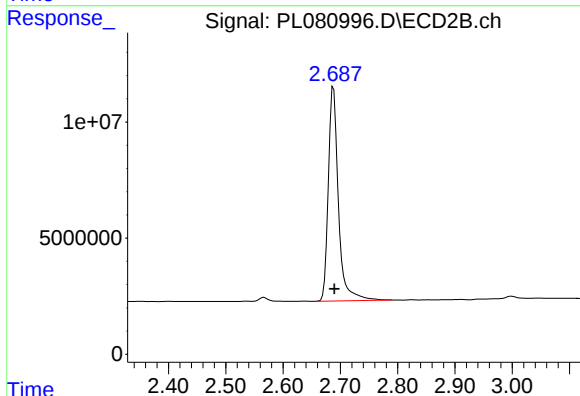
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 107858525
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

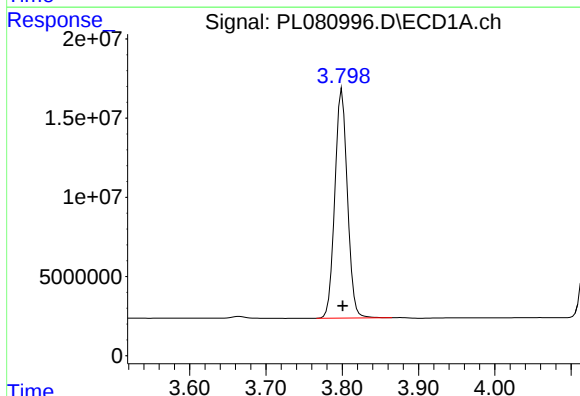
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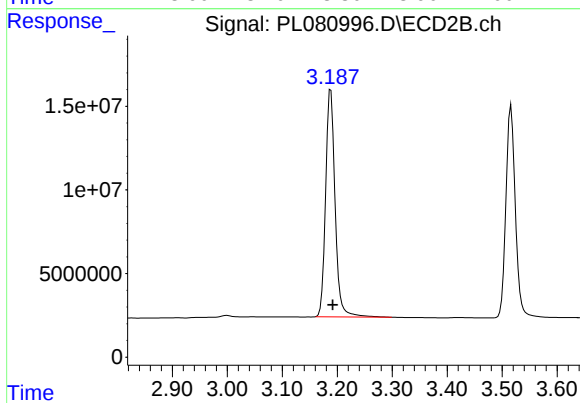
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 112864319
Conc: 51.38 ng/ml



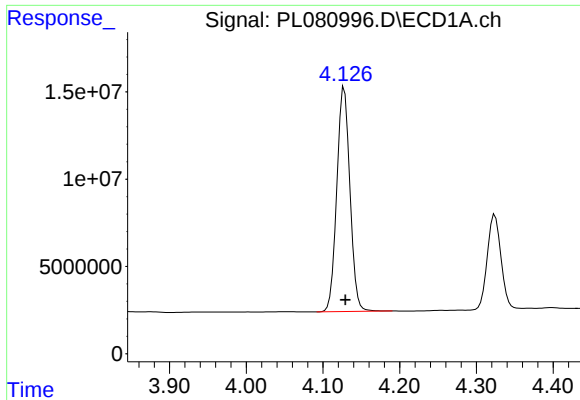
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 164596231
Conc: 51.96 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 162991857
Conc: 51.25 ng/ml



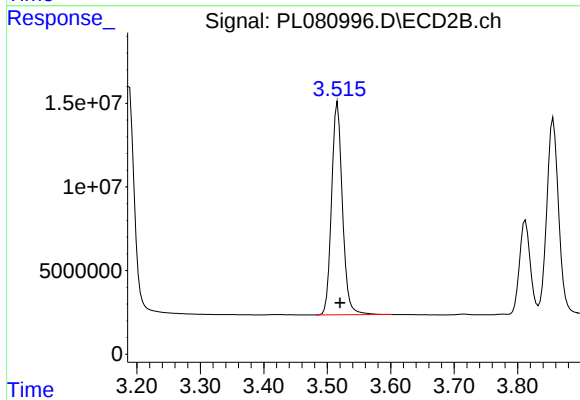
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 152988112
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

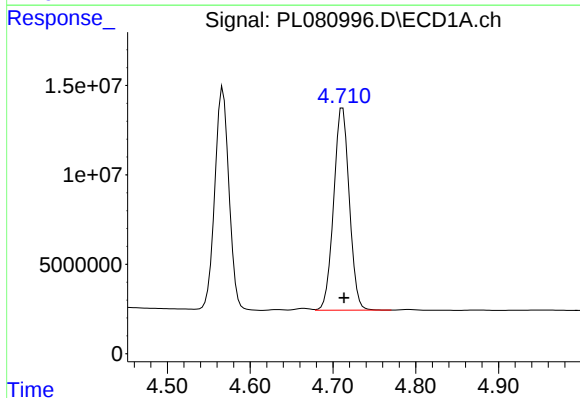
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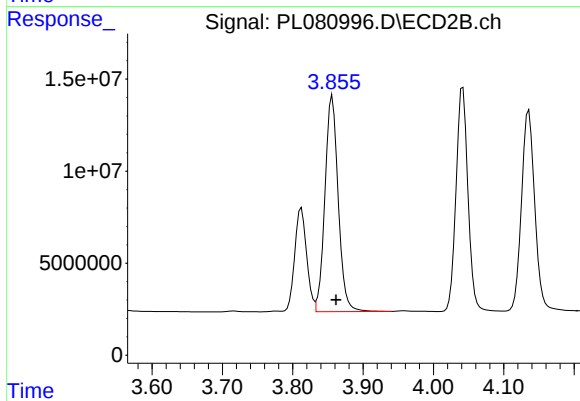
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 151151275
Conc: 50.60 ng/ml



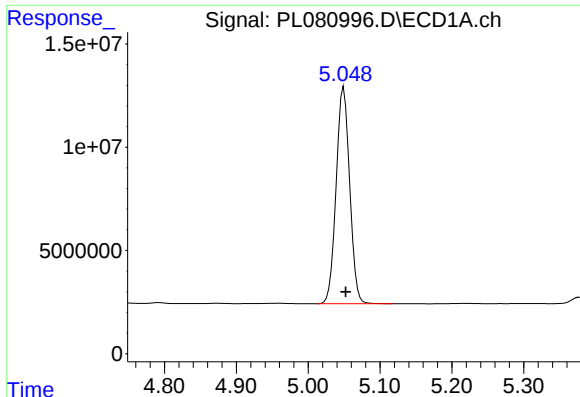
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 148638499
Conc: 50.30 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.005 min
Response: 153675802
Conc: 48.29 ng/ml



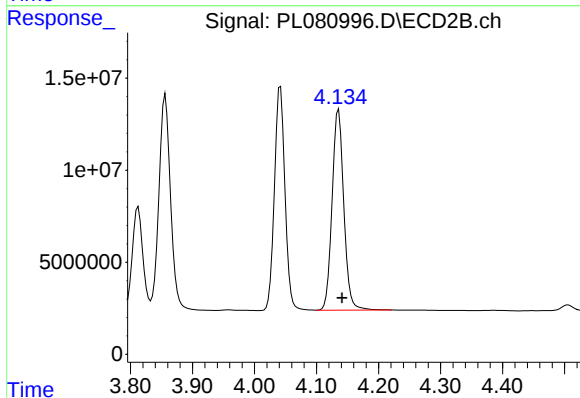
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 137019776
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

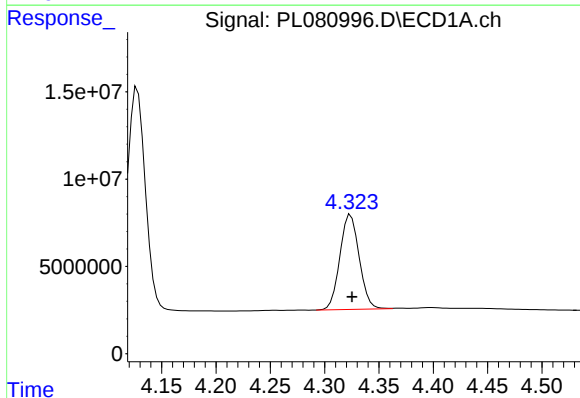
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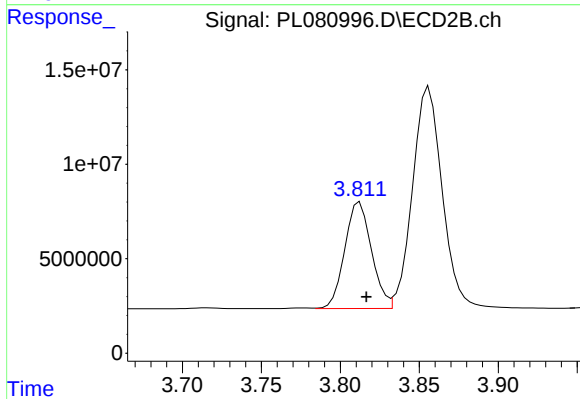
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.006 min
Response: 143651054
Conc: 48.70 ng/ml



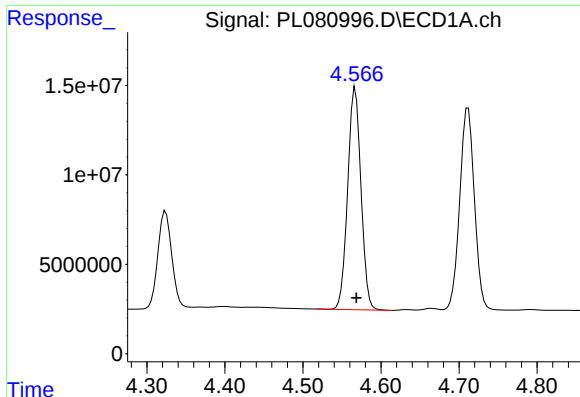
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 67297298
Conc: 49.30 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 66532541
Conc: 49.85 ng/ml



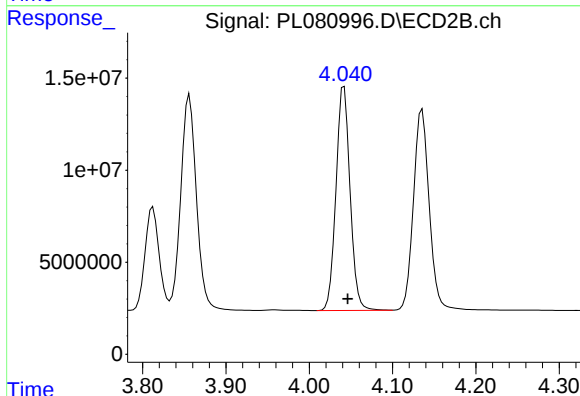
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 147002595
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

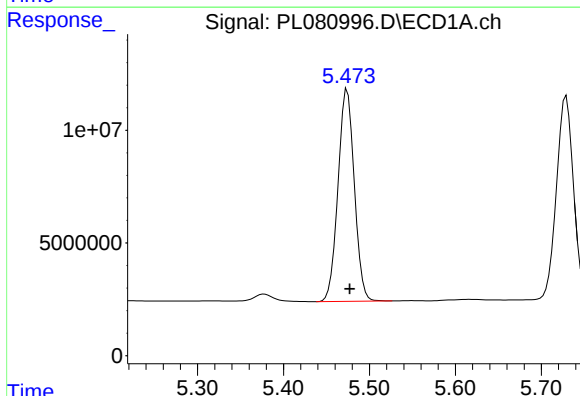
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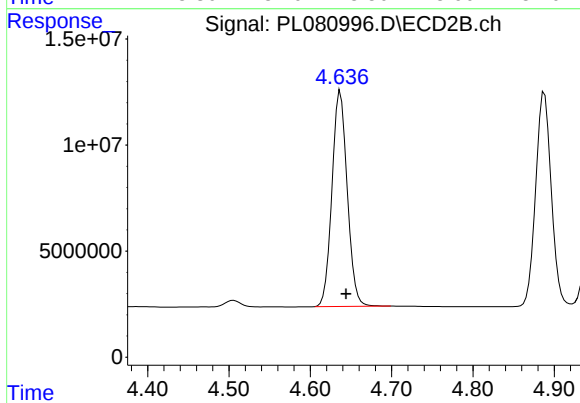
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 143429761
Conc: 49.73 ng/ml



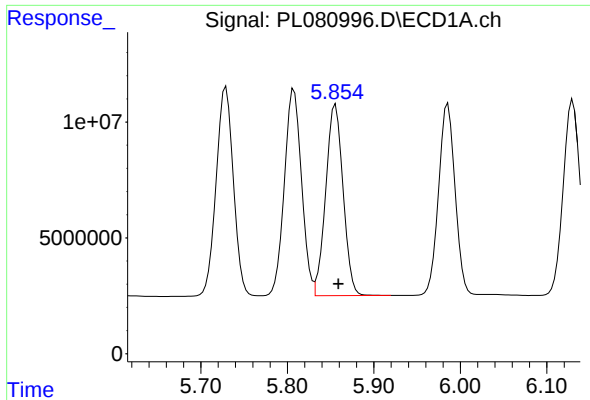
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 123991936
Conc: 47.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.007 min
Response: 132843300
Conc: 47.75 ng/ml



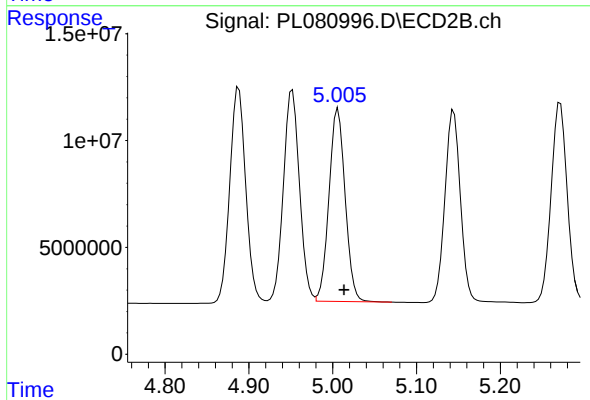
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 114905436
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

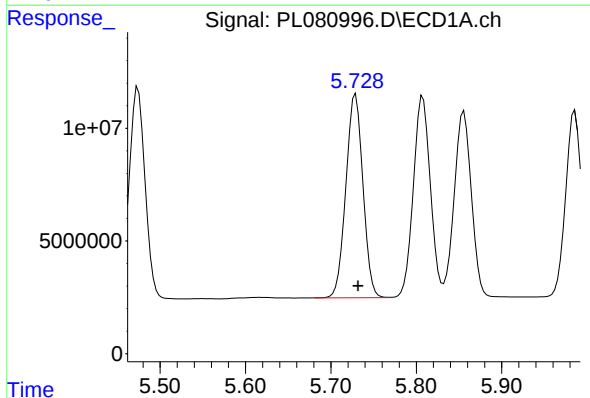
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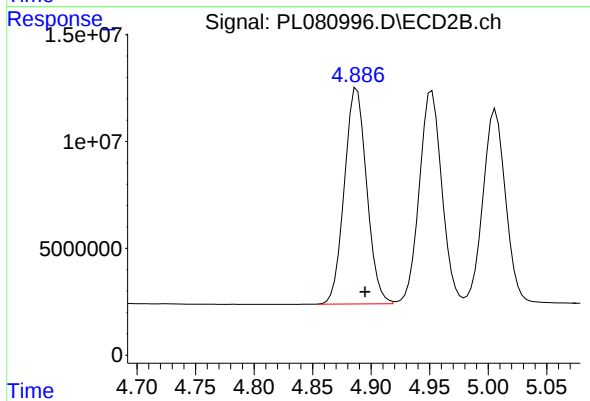
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 120177495
Conc: 46.20 ng/ml



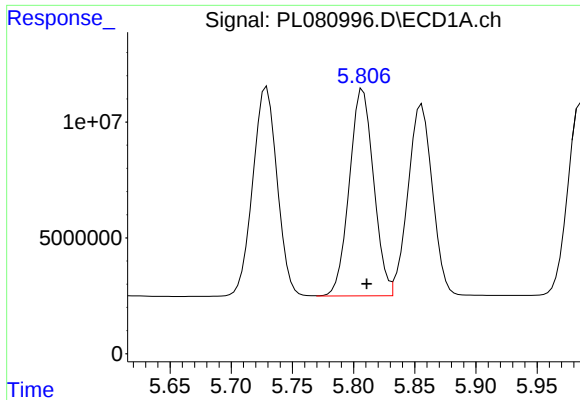
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 125129723
Conc: 49.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.008 min
Response: 133748405
Conc: 47.19 ng/ml m



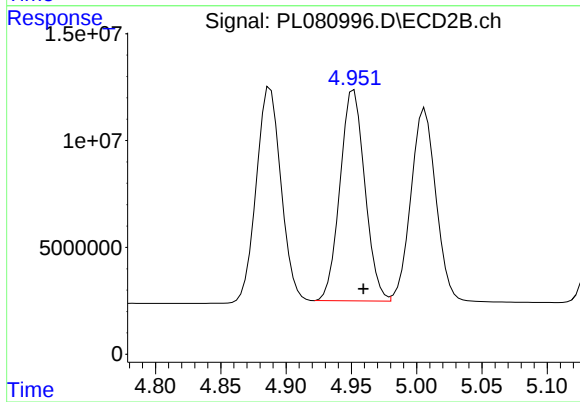
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 123422569
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

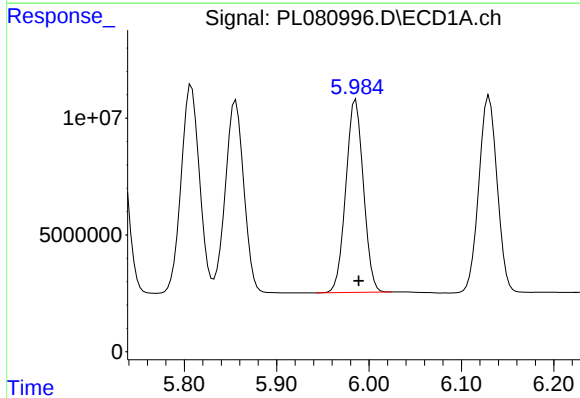
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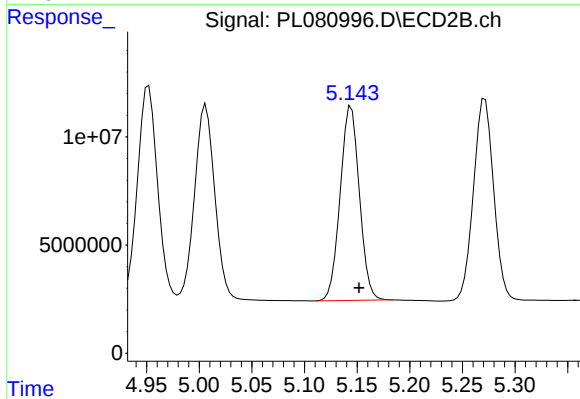
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 130616014
Conc: 45.60 ng/ml



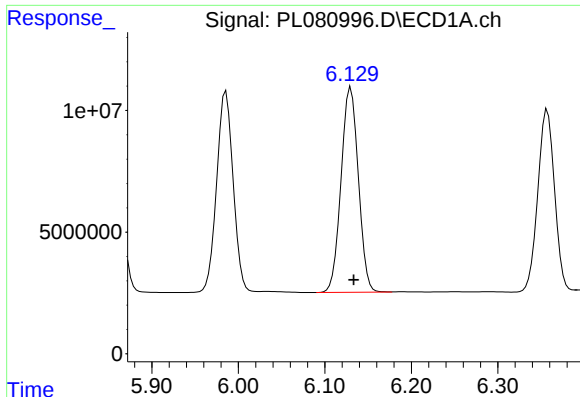
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 109145186
Conc: 49.00 ng/ml



#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.009 min
Response: 114494779
Conc: 48.54 ng/ml m



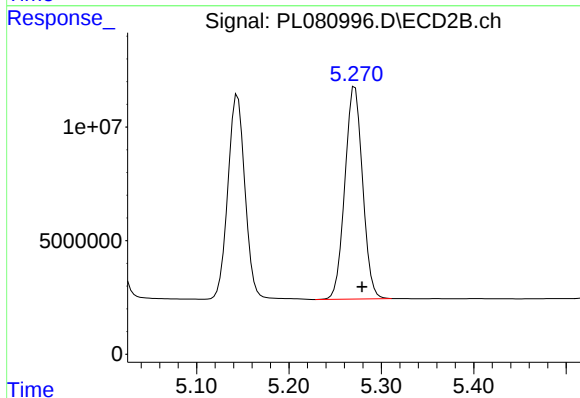
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 116488098
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

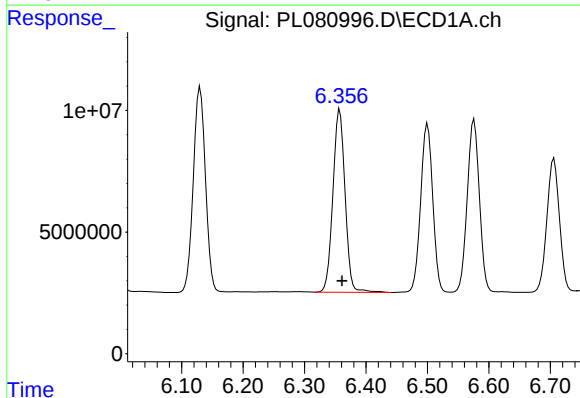
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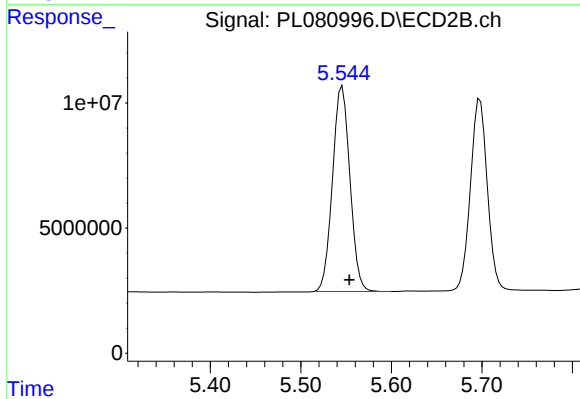
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.009 min
Response: 124448452
Conc: 46.01 ng/ml m



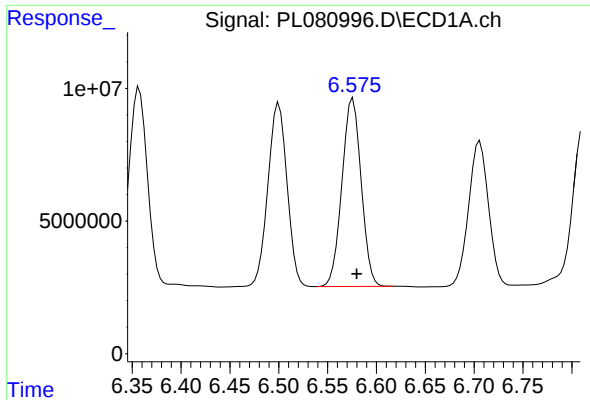
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 103544895
Conc: 47.88 ng/ml



#14 Endrin

R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 109652858
Conc: 47.24 ng/ml



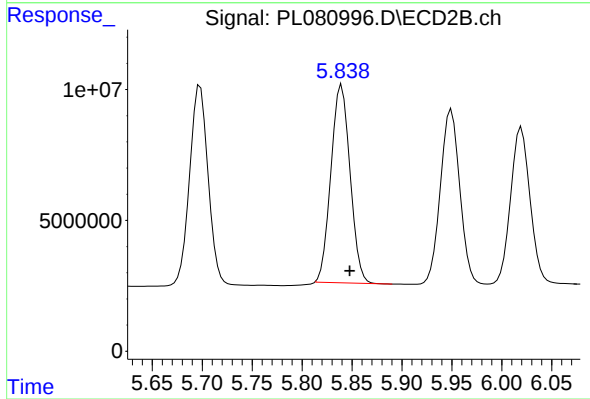
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 97071947
Conc: 42.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

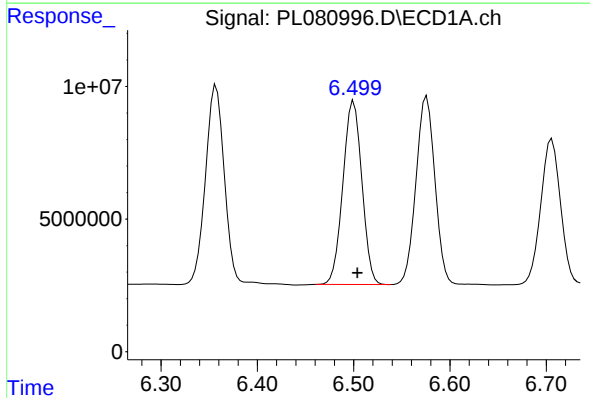
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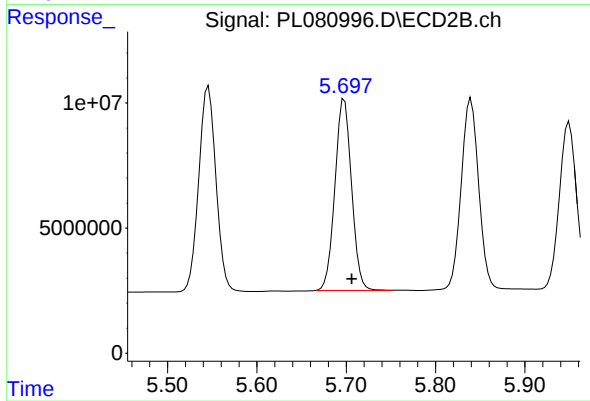
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 100775497
Conc: 48.36 ng/ml



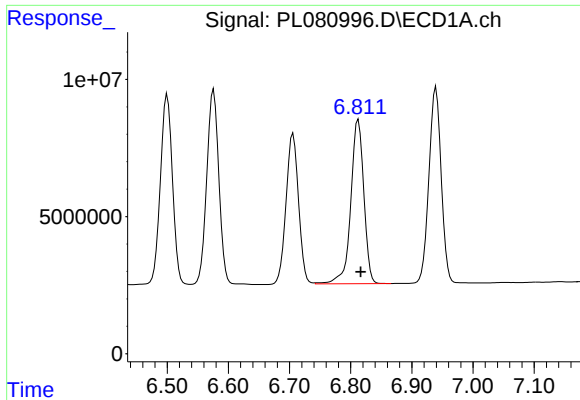
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 94373399
Conc: 51.51 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 99149896
Conc: 52.76 ng/ml



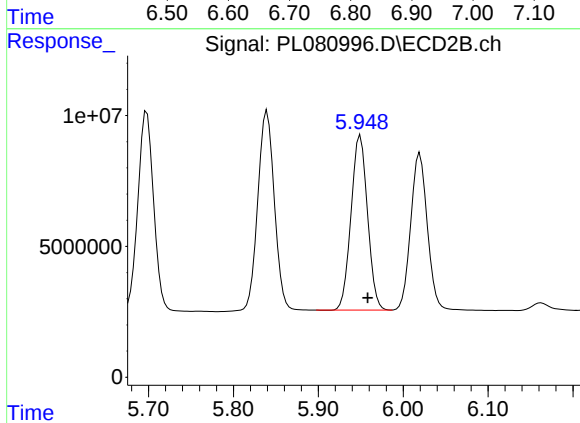
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 88692396
Conc: 42.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

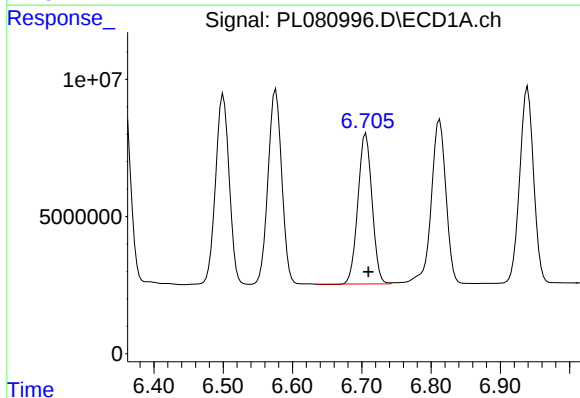
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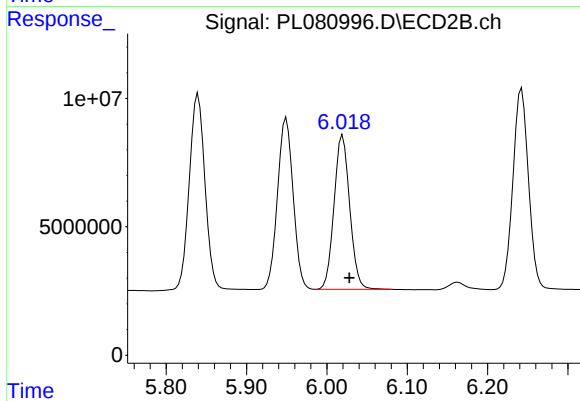
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.009 min
Response: 90166651
Conc: 42.91 ng/ml



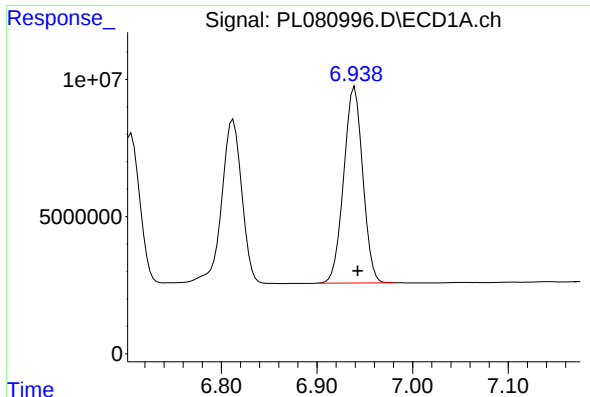
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 77518311
Conc: 46.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.020 min
Delta R.T.: -0.008 min
Response: 81463833
Conc: 44.61 ng/ml



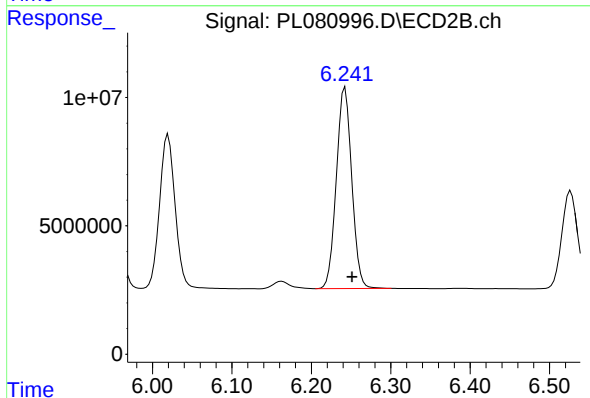
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 99317587
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

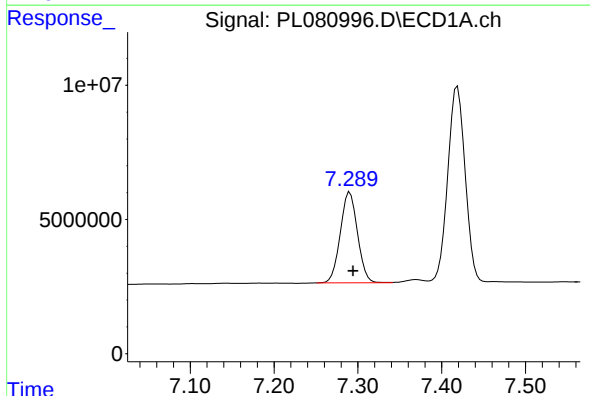
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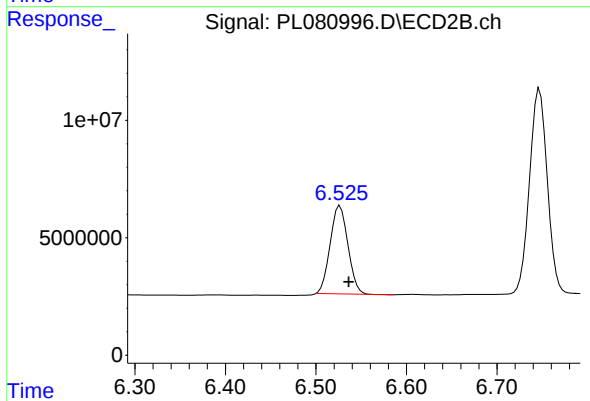
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 105760420
Conc: 45.48 ng/ml



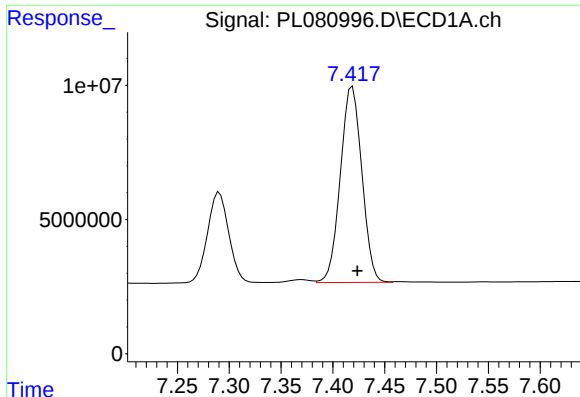
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 48195528
Conc: 43.68 ng/ml



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.010 min
Response: 51233551
Conc: 42.22 ng/ml



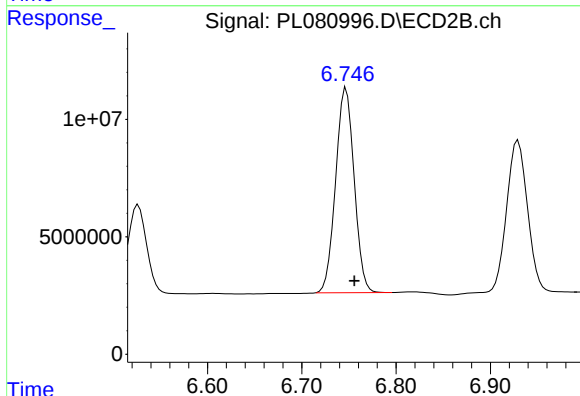
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 105446481
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

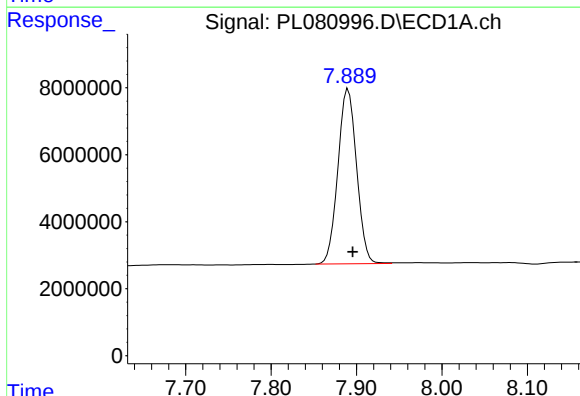
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023



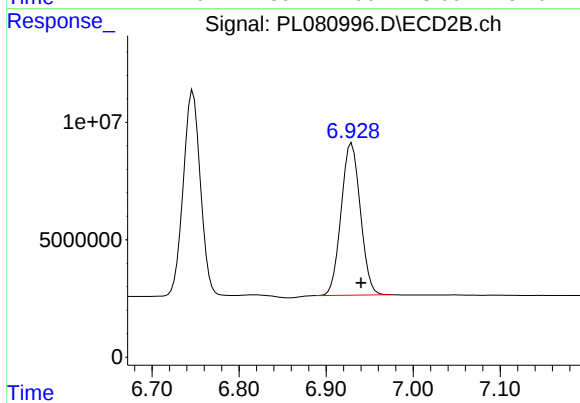
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.009 min
Response: 119014492
Conc: 46.61 ng/ml



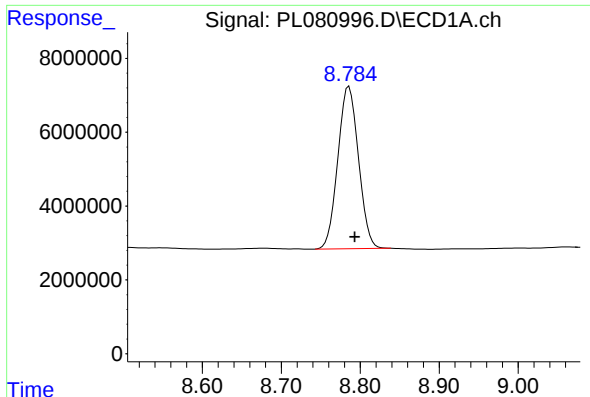
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 79466538
Conc: 46.21 ng/ml



#22 Mirex

R.T.: 6.928 min
Delta R.T.: -0.012 min
Response: 99317186
Conc: 43.62 ng/ml m



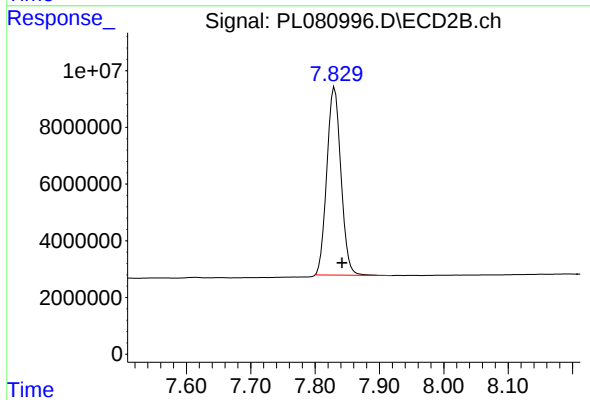
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 79992455
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.012 min
Response: 100780917
Conc: 42.30 ng/ml