

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
 Data File : PL082206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 18:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:10:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.325	2.650	123.1E6	104.1E6	52.914	52.159
28)	SA Decachlor...	8.745	7.762	91277770	102.6E6	51.004	51.744m
Target Compounds							
2)	A alpha-BHC	3.774	3.148	186.9E6	153.3E6	54.520	52.603
3)	MA gamma-BHC...	4.101	3.475	175.8E6	143.7E6	55.334m	51.607
4)	MA Heptachlor	4.679	3.807	168.7E6	151.3E6	53.526m	52.784
5)	MB Aldrin	5.018	4.084	152.6E6	138.3E6	53.336	51.890
6)	B beta-BHC	4.306	3.775	77498443	61552635	51.491	51.682
7)	B delta-BHC	4.547	4.002	162.4E6	140.5E6	53.435	54.329
8)	B Heptachlo...	5.444	4.586	141.9E6	128.4E6	52.170	52.871
9)	A Endosulfan I	5.824	4.953	129.0E6	121.4E6	52.191	54.968
10)	B gamma-Chl...	5.698	4.835	140.6E6	130.0E6	53.564	53.489
11)	B alpha-Chl...	5.776	4.898	138.1E6	130.1E6	53.353	53.543
12)	B 4,4'-DDE	5.955	5.089	124.0E6	109.5E6	55.008	55.567
13)	MA Dieldrin	6.098	5.217	132.0E6	121.6E6	54.545m	54.047m
14)	MA Endrin	6.326	5.492	110.8E6	106.9E6	52.398	52.825
15)	B Endosulfa...	6.548	5.787	109.1E6	102.1E6	51.400	56.307m
16)	A 4,4'-DDD	6.470	5.642	100.2E6	89787719	55.539	59.167m
17)	MA 4,4'-DDT	6.781	5.892	107.6E6	97587239	53.036	56.629
18)	B Endrin al...	6.678	5.969	86988383	82937752	53.168	53.405
19)	B Endosulfa...	6.912	6.190	111.0E6	105.5E6	53.274	54.224m
20)	A Methoxychlor	7.262	6.469f	56809668	55810336	52.753	56.032m
21)	B Endrin ke...	7.392	6.695f	113.1E6	117.8E6	53.982	55.106m
22)	Mirex	7.855	6.866f	88650034	101.2E6	51.743m	52.696m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
Data File : PL082206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2023 18:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

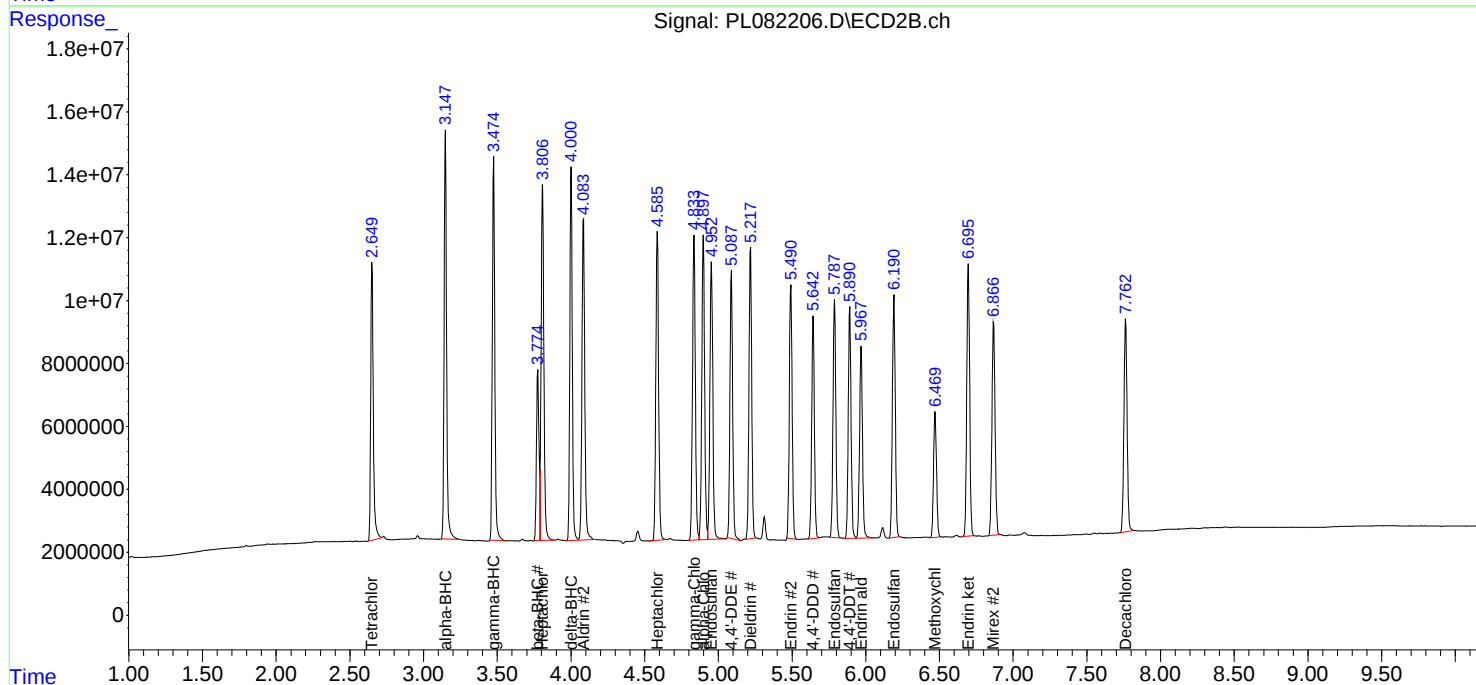
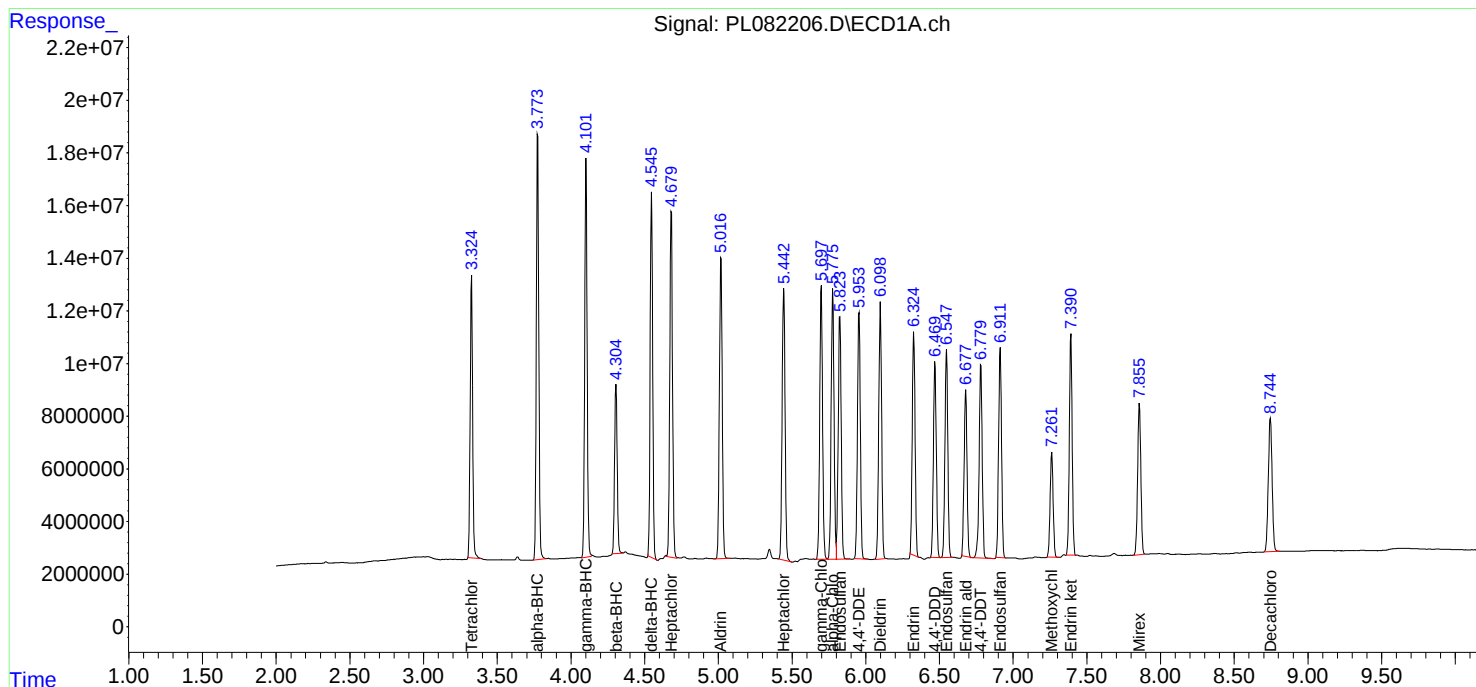
APPROVED

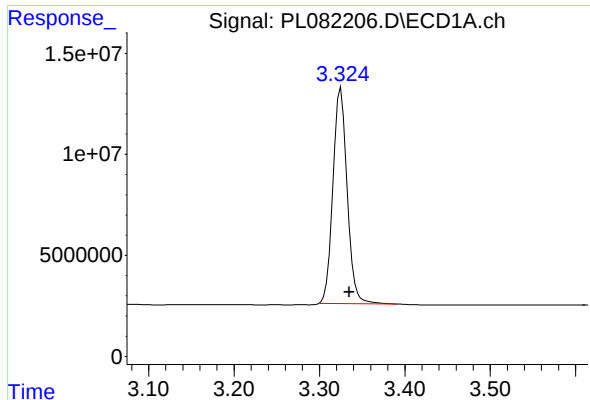
Reviewed By :Abdul Mirza 04/20/2023

Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 22:10:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





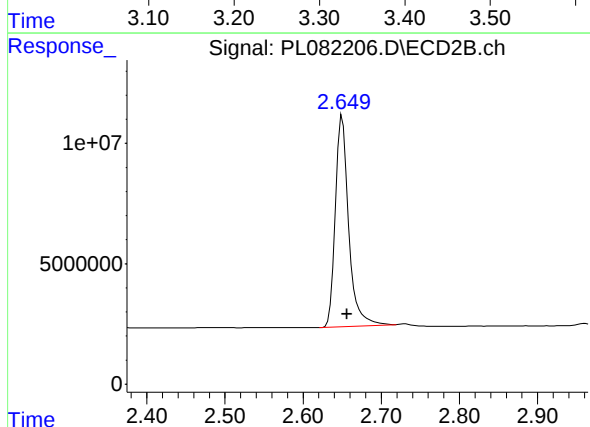
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 123072374
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

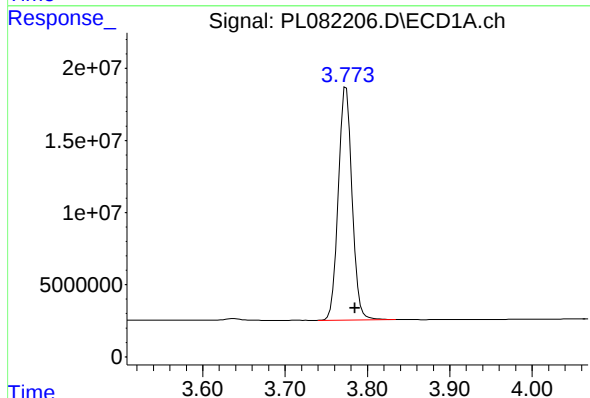
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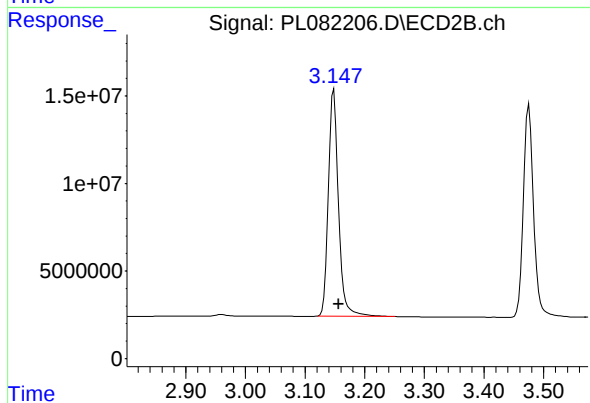
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.006 min
Response: 104117469
Conc: 52.16 ng/ml



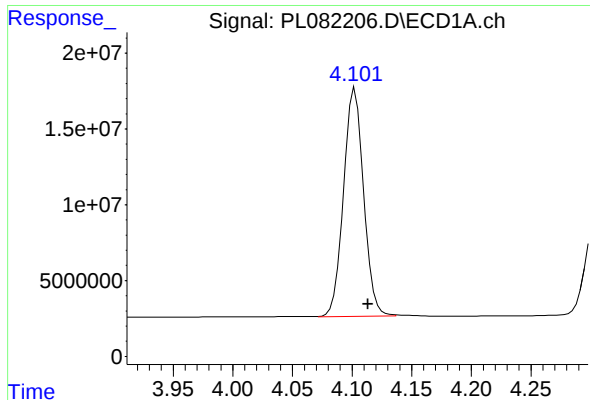
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: -0.011 min
Response: 186915440
Conc: 54.52 ng/ml



#2 alpha-BHC

R.T.: 3.148 min
Delta R.T.: -0.008 min
Response: 153337444
Conc: 52.60 ng/ml



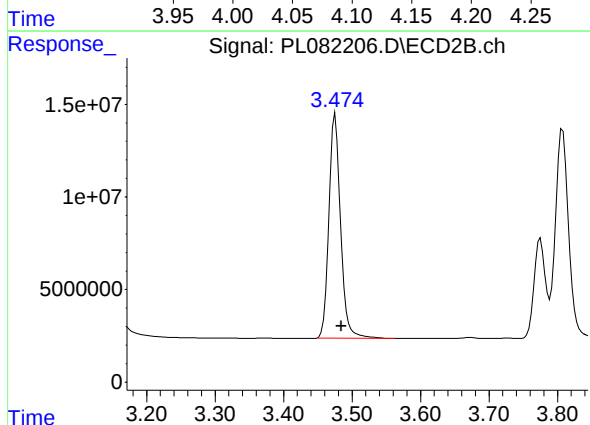
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: -0.012 min
Response: 175788296
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

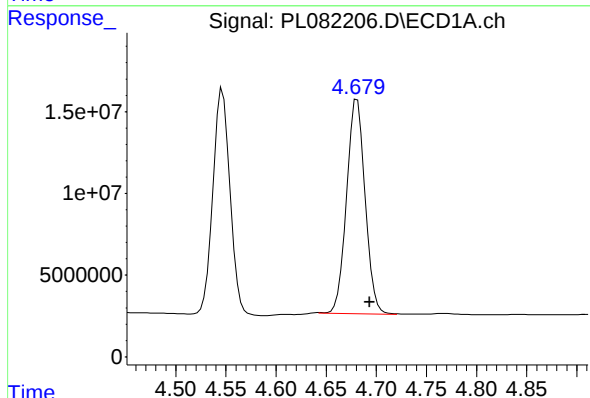
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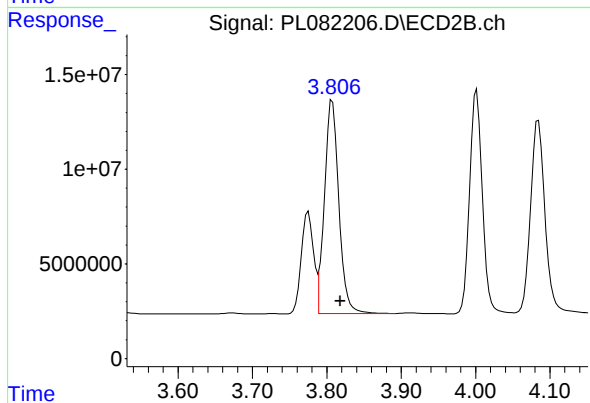
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: -0.009 min
Response: 143685900
Conc: 51.61 ng/ml



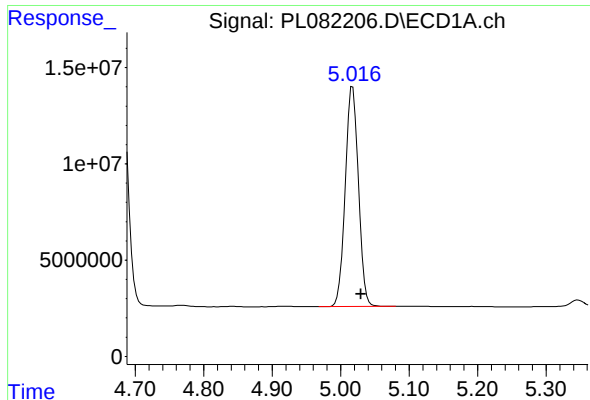
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: -0.014 min
Response: 168723122
Conc: 53.53 ng/ml m



#4 Heptachlor

R.T.: 3.807 min
Delta R.T.: -0.011 min
Response: 151328789
Conc: 52.78 ng/ml



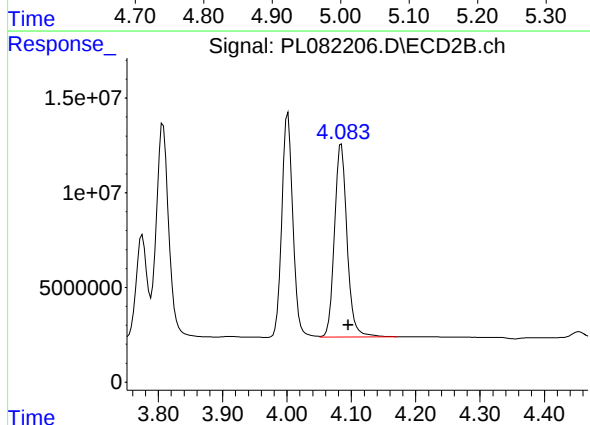
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.012 min
Response: 152556580
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

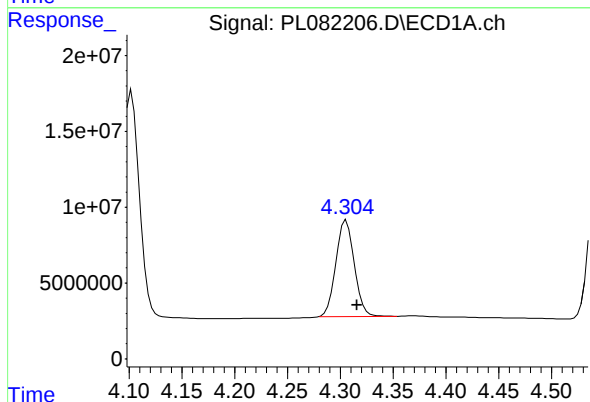
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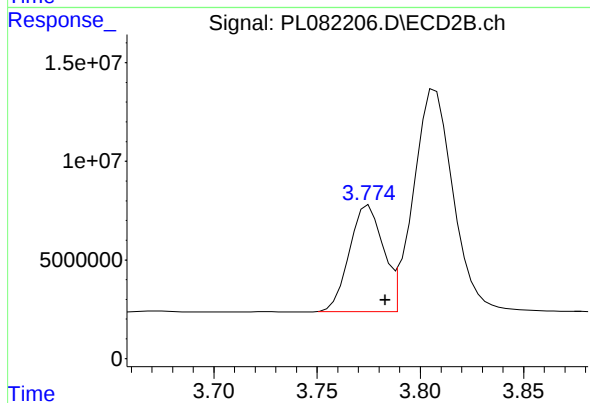
#5 Aldrin

R.T.: 4.084 min
Delta R.T.: -0.011 min
Response: 138260356
Conc: 51.89 ng/ml



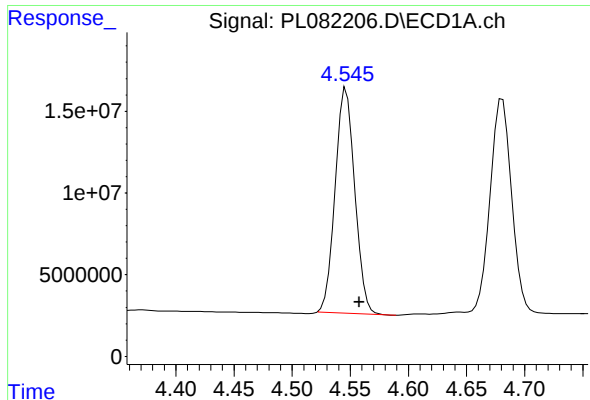
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 77498443
Conc: 51.49 ng/ml



#6 beta-BHC

R.T.: 3.775 min
Delta R.T.: -0.008 min
Response: 61552635
Conc: 51.68 ng/ml



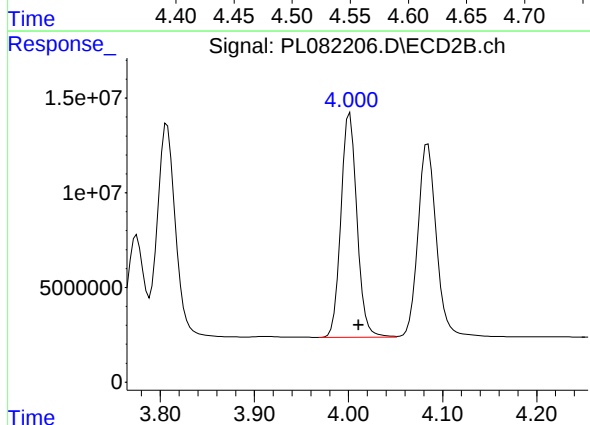
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 162401411
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

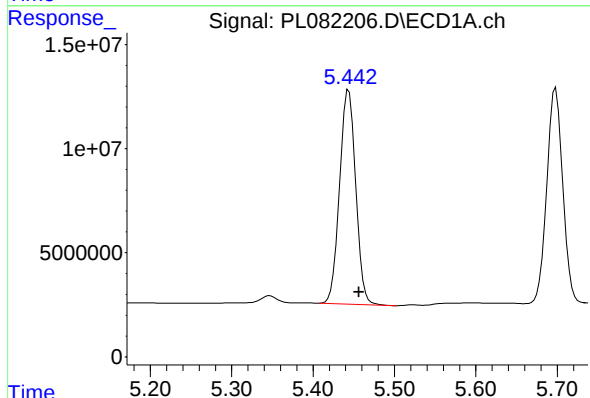
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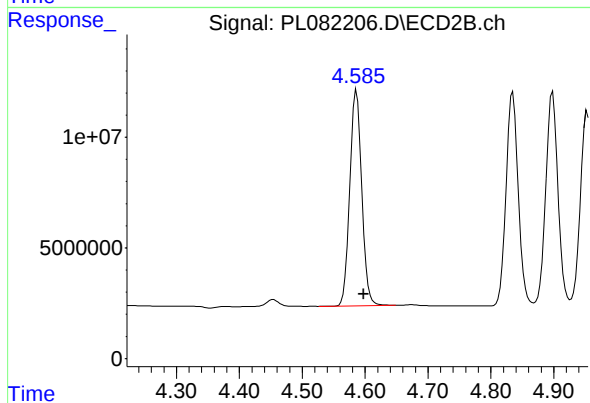
#7 delta-BHC

R.T.: 4.002 min
Delta R.T.: -0.010 min
Response: 140500842
Conc: 54.33 ng/ml



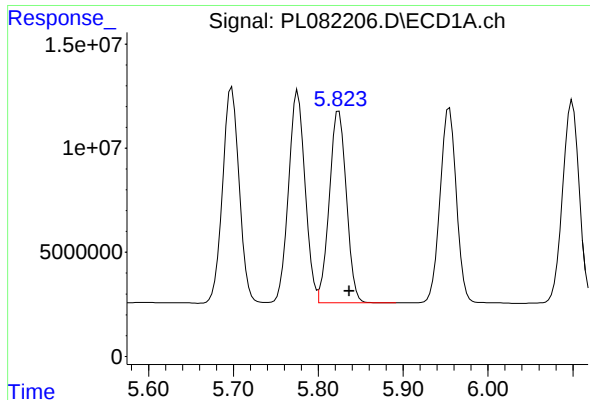
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: -0.012 min
Response: 141903080
Conc: 52.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.586 min
Delta R.T.: -0.011 min
Response: 128410062
Conc: 52.87 ng/ml



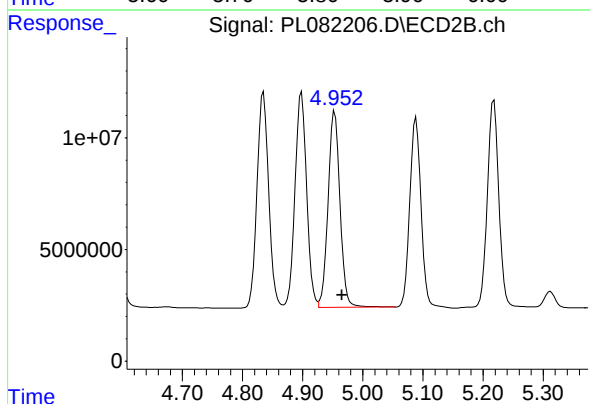
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: -0.012 min
Response: 128954604
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

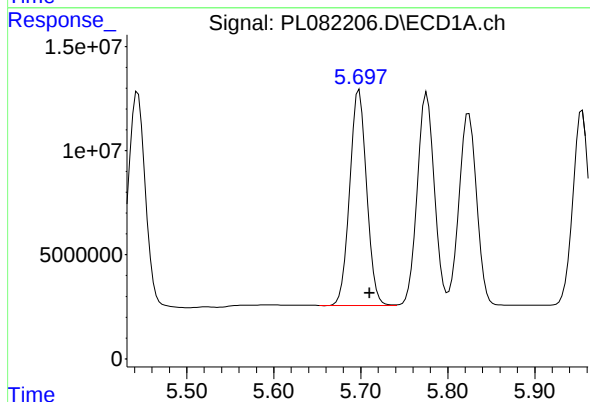
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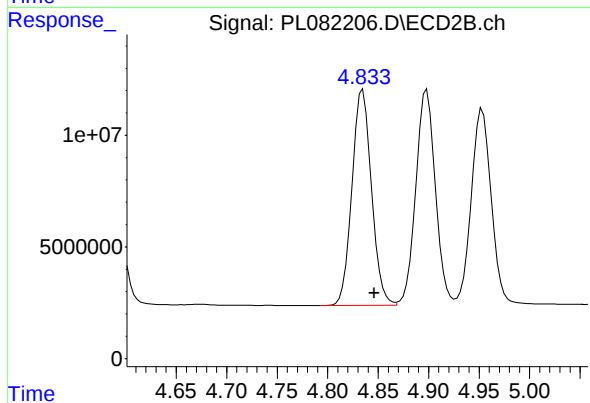
#9 Endosulfan I

R.T.: 4.953 min
Delta R.T.: -0.012 min
Response: 121355181
Conc: 54.97 ng/ml



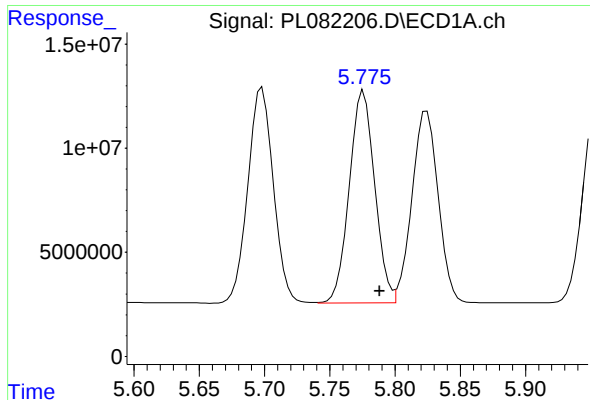
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 140616933
Conc: 53.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.835 min
Delta R.T.: -0.011 min
Response: 129997959
Conc: 53.49 ng/ml



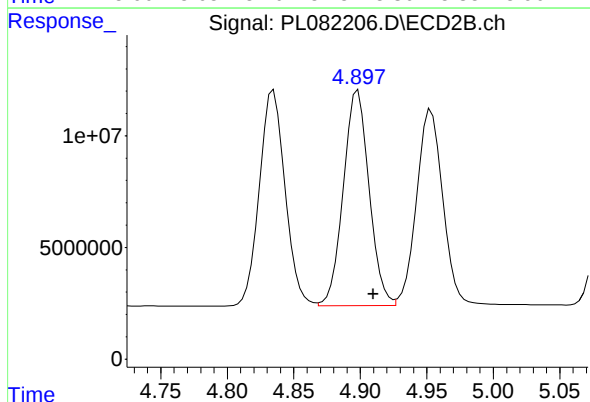
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: -0.012 min
Response: 138099876
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

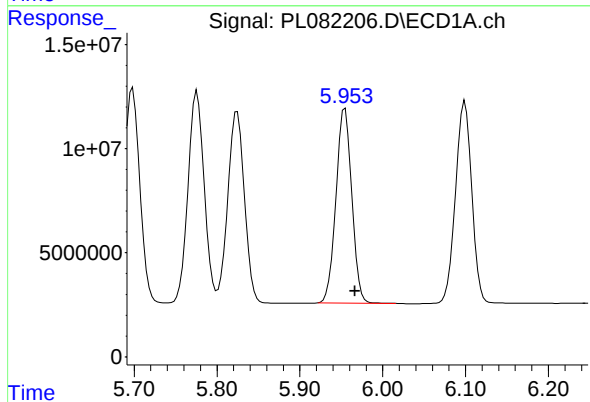
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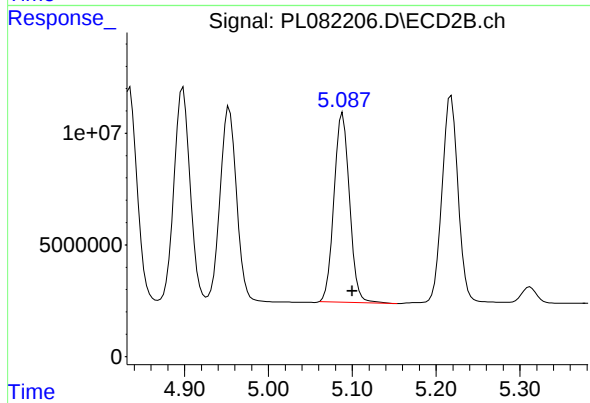
#11 alpha-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.012 min
Response: 130051490
Conc: 53.54 ng/ml



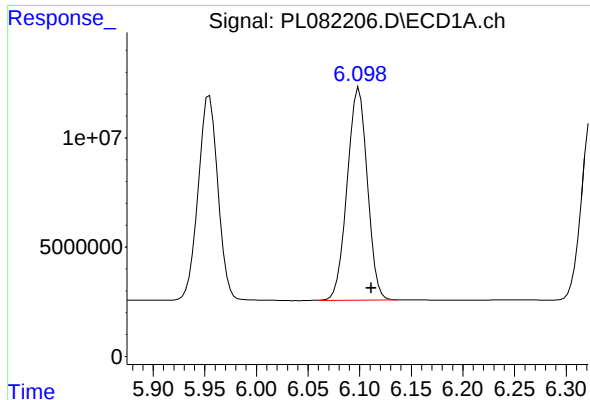
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 123968385
Conc: 55.01 ng/ml



#12 4,4'-DDE

R.T.: 5.089 min
Delta R.T.: -0.011 min
Response: 109456704
Conc: 55.57 ng/ml



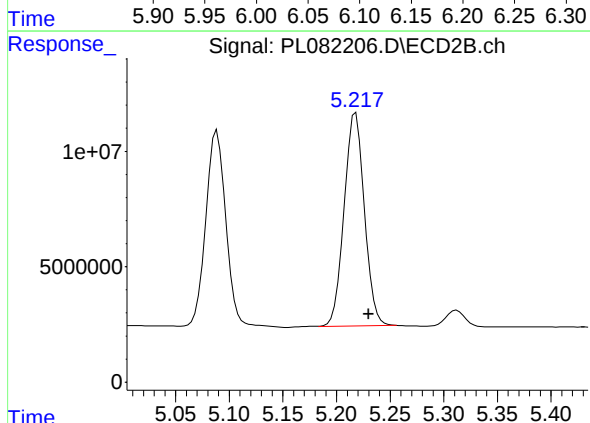
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: -0.013 min
Response: 132049908
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

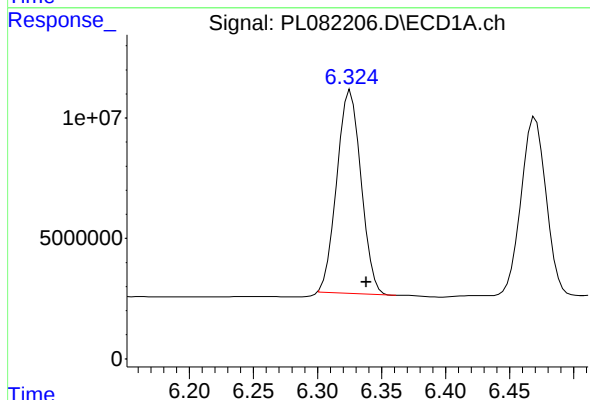
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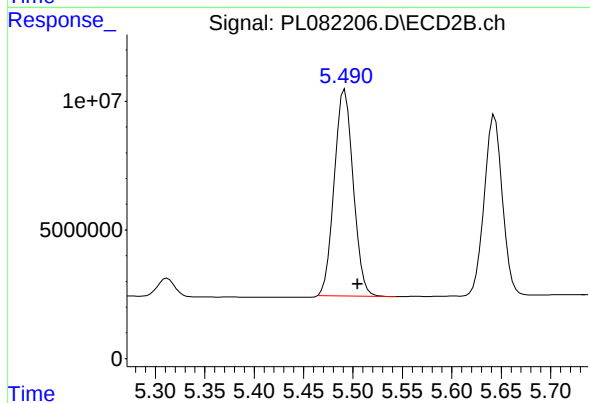
#13 Dieldrin

R.T.: 5.217 min
Delta R.T.: -0.013 min
Response: 121573982
Conc: 54.05 ng/ml



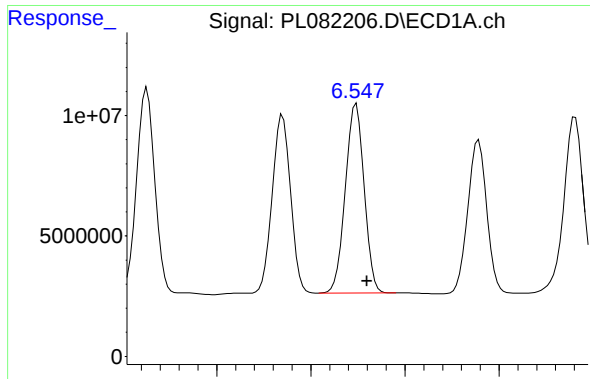
#14 Endrin

R.T.: 6.326 min
Delta R.T.: -0.012 min
Response: 110834434
Conc: 52.40 ng/ml



#14 Endrin

R.T.: 5.492 min
Delta R.T.: -0.013 min
Response: 106903733
Conc: 52.83 ng/ml



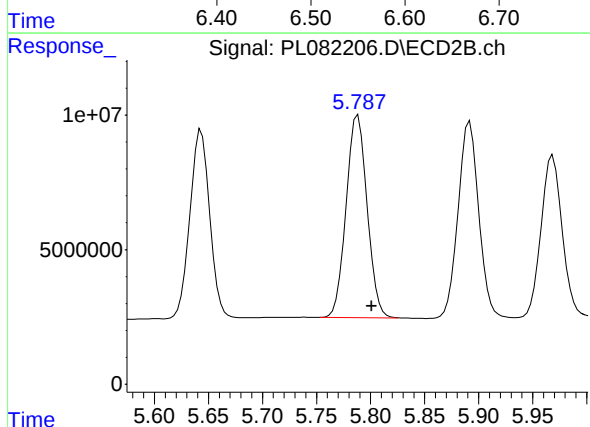
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: -0.012 min
Response: 109076423
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

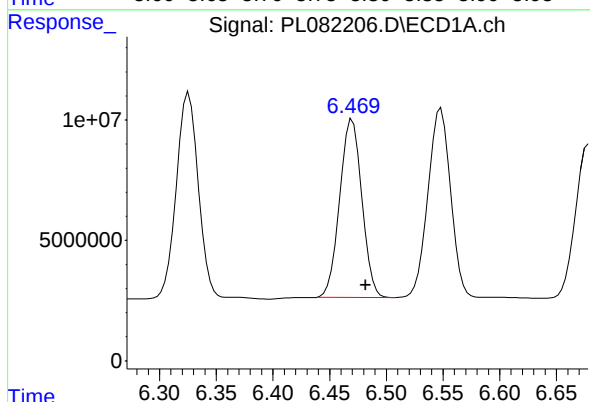
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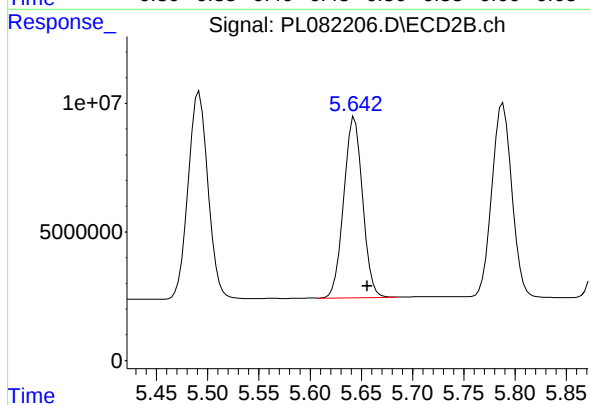
#15 Endosulfan II

R.T.: 5.787 min
Delta R.T.: -0.014 min
Response: 102143989
Conc: 56.31 ng/ml m



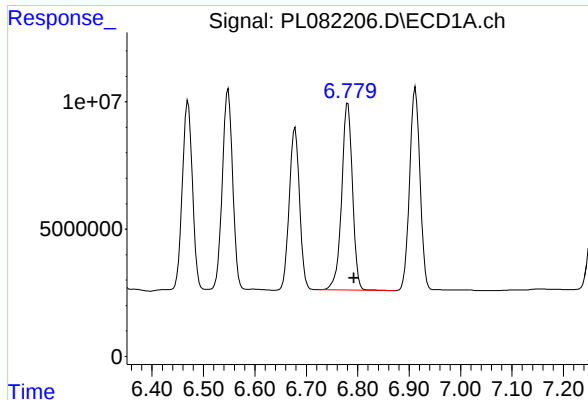
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 100164336
Conc: 55.54 ng/ml



#16 4,4'-DDD

R.T.: 5.642 min
Delta R.T.: -0.014 min
Response: 89787719
Conc: 59.17 ng/ml m



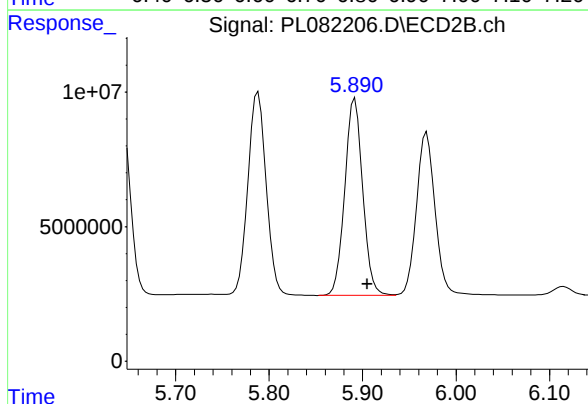
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 107643279
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

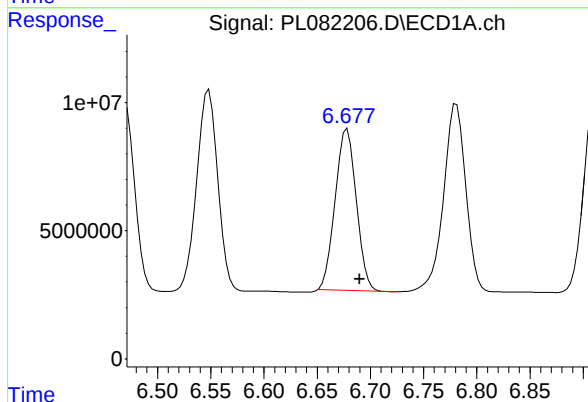
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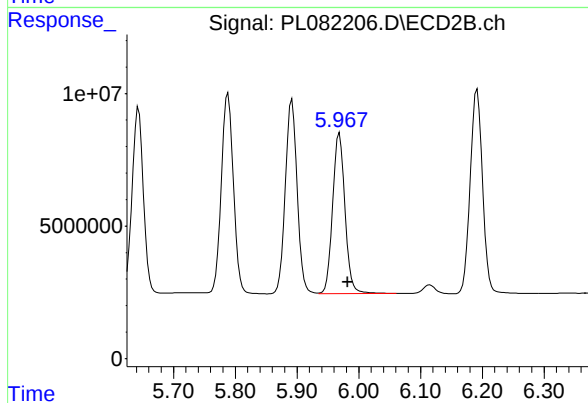
#17 4,4'-DDT

R.T.: 5.892 min
Delta R.T.: -0.013 min
Response: 97587239
Conc: 56.63 ng/ml



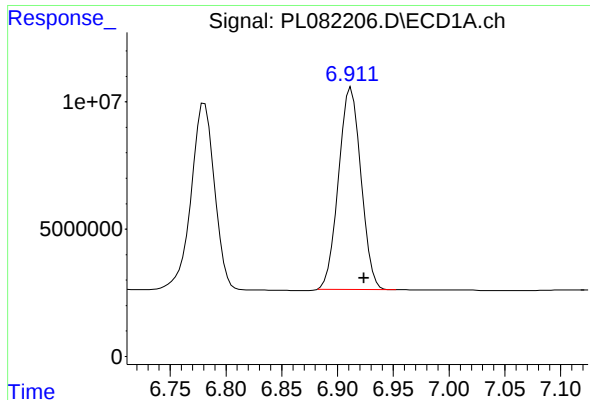
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: -0.012 min
Response: 86988383
Conc: 53.17 ng/ml



#18 Endrin aldehyde

R.T.: 5.969 min
Delta R.T.: -0.013 min
Response: 82937752
Conc: 53.41 ng/ml



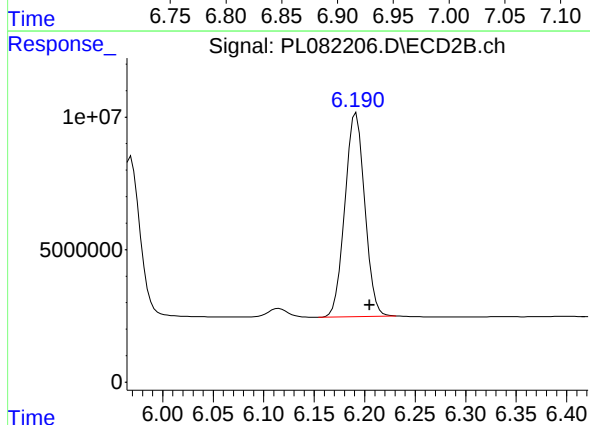
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: -0.011 min
Response: 111025445
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

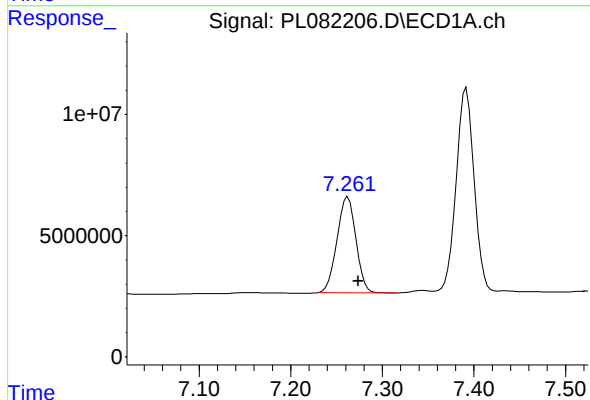
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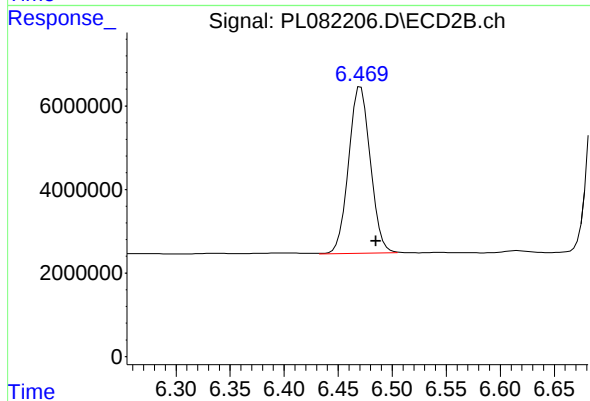
#19 Endosulfan Sulfate

R.T.: 6.190 min
Delta R.T.: -0.015 min
Response: 105502499
Conc: 54.22 ng/ml



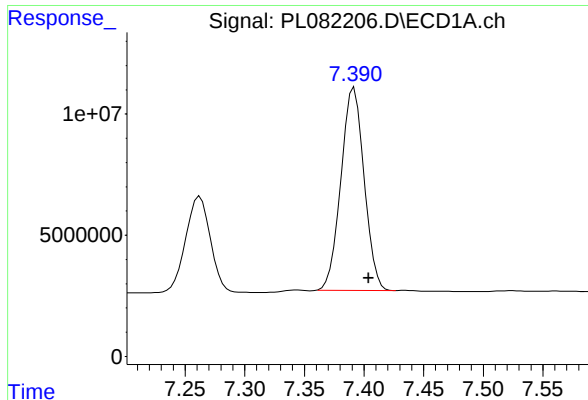
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: -0.011 min
Response: 56809668
Conc: 52.75 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.016 min
Response: 55810336
Conc: 56.03 ng/ml



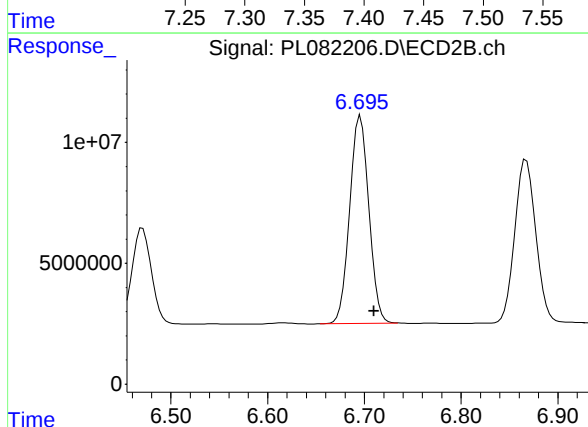
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 113073411
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

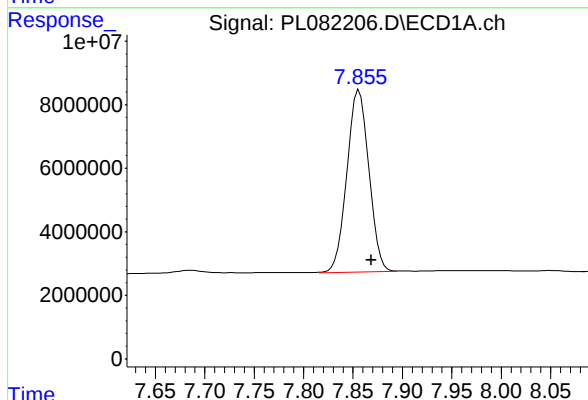
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



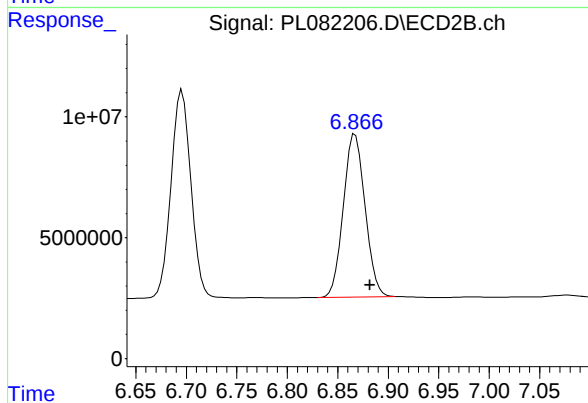
#21 Endrin ketone

R.T.: 6.695 min
Delta R.T.: -0.016 min
Response: 117760556
Conc: 55.11 ng/ml



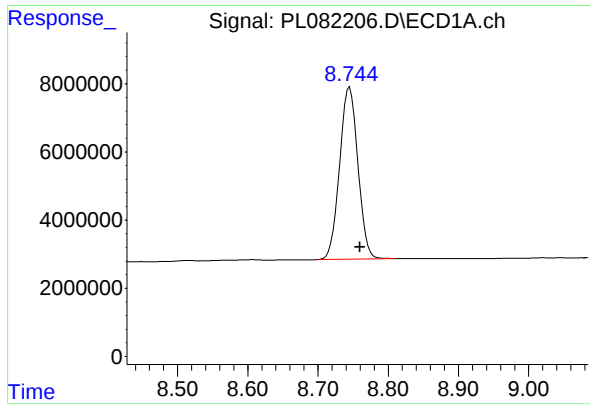
#22 Mirex

R.T.: 7.855 min
Delta R.T.: -0.014 min
Response: 88650034
Conc: 51.74 ng/ml



#22 Mirex

R.T.: 6.866 min
Delta R.T.: -0.016 min
Response: 101162133
Conc: 52.70 ng/ml



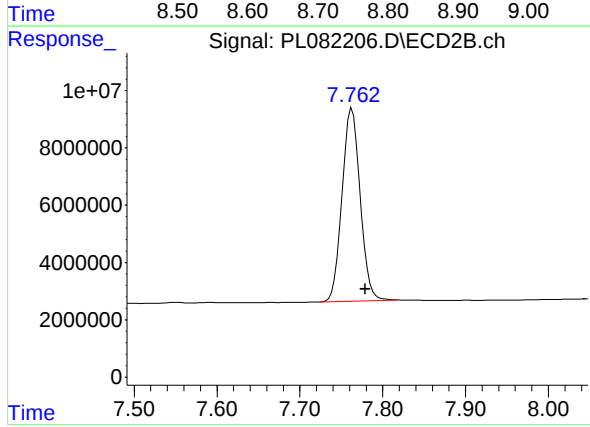
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: -0.015 min
Response: 91277770
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



#28 Decachlorobiphenyl

R.T.: 7.762 min
Delta R.T.: -0.017 min
Response: 102621666
Conc: 51.74 ng/ml m