

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
 Data File : PL080884.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 09:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/14/2023
 Supervised By : Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:07:09 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	116.4E6	113.5E6	54.279	51.683
28)	SA Decachlor...	8.791	7.835	83620121	103.8E6	47.762	43.577
Target Compounds							
2)	A alpha-BHC	3.800	3.189	178.9E6	166.6E6	56.477	52.385
3)	MA gamma-BHC...	4.129	3.517	165.7E6	154.1E6	56.363	51.583
4)	MA Heptachlor	4.713	3.858	160.8E6	156.2E6	54.410	49.087
5)	MB Aldrin	5.052	4.137	148.1E6	147.9E6	54.148	50.126
6)	B beta-BHC	4.325	3.814	72997570	67384453	53.477	50.489
7)	B delta-BHC	4.568	4.043	162.5E6	149.1E6	56.128	51.693
8)	B Heptachlo...	5.476	4.639	135.6E6	136.2E6	52.414	48.967
9)	A Endosulfan I	5.858	5.009	124.6E6	124.9E6	52.783	48.014
10)	B gamma-Chl...	5.731	4.889	135.7E6	138.6E6	53.738	48.904m
11)	B alpha-Chl...	5.810	4.955	134.0E6	135.1E6	53.087	47.173
12)	B 4,4'-DDE	5.988	5.147	119.3E6	117.1E6	53.580	49.624
13)	MA Dieldrin	6.132	5.274	127.7E6	128.8E6	53.340	47.615
14)	MA Endrin	6.360	5.548	109.8E6	110.8E6	50.785	47.738
15)	B Endosulfa...	6.579	5.843	103.7E6	106.8E6	45.246	51.246
16)	A 4,4'-DDD	6.502	5.701	100.1E6	100.3E6	54.664	53.383
17)	MA 4,4'-DDT	6.815	5.952	98489207	98022773	47.404	46.645
18)	B Endrin al...	6.708	6.022	82203184	83509964	49.419	45.731
19)	B Endosulfa...	6.942	6.246	107.0E6	111.2E6	51.683	47.811
20)	A Methoxychlor	7.294	6.531	51526960	54377230	46.703	44.812
21)	B Endrin ke...	7.422	6.751	114.6E6	125.6E6	51.930	49.188
22)	Mirex	7.894	6.934	86085771	103.3E6	50.056	45.376

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
Data File : PL080884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2023 09:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

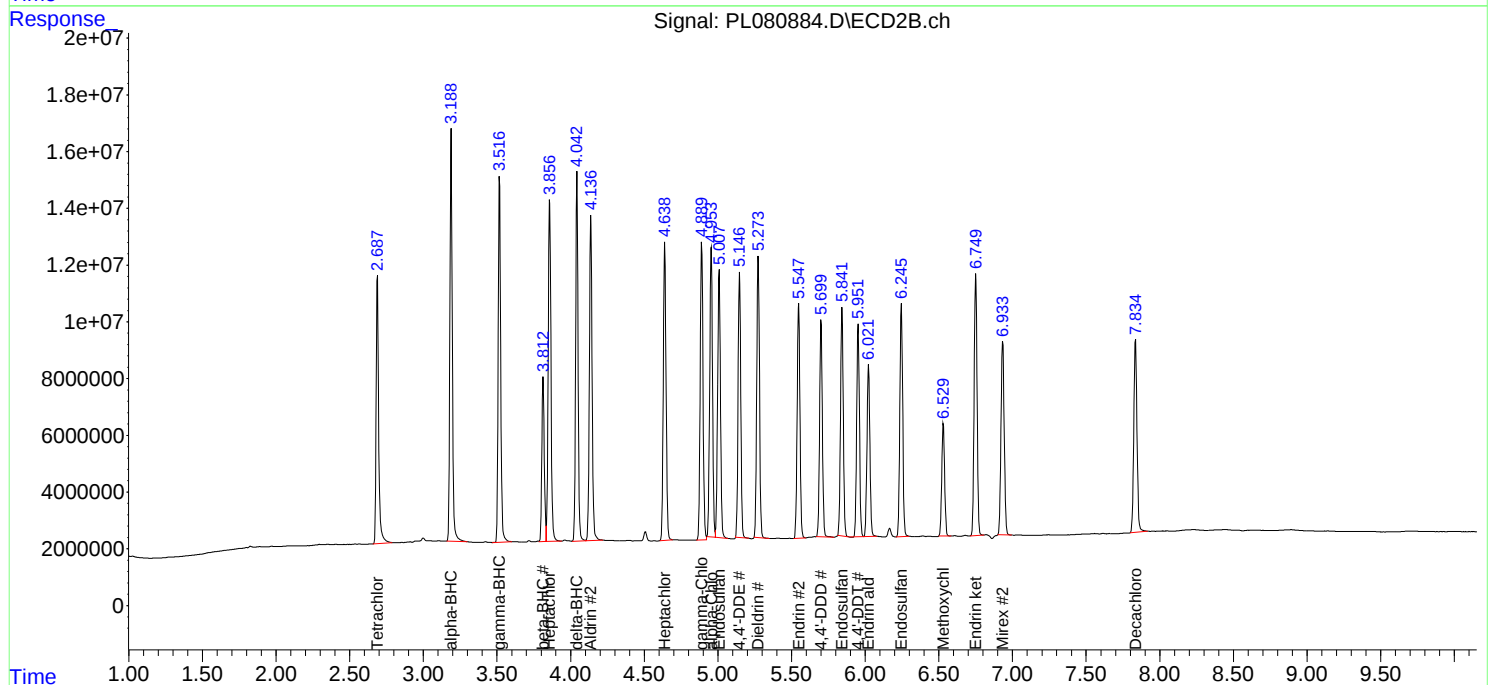
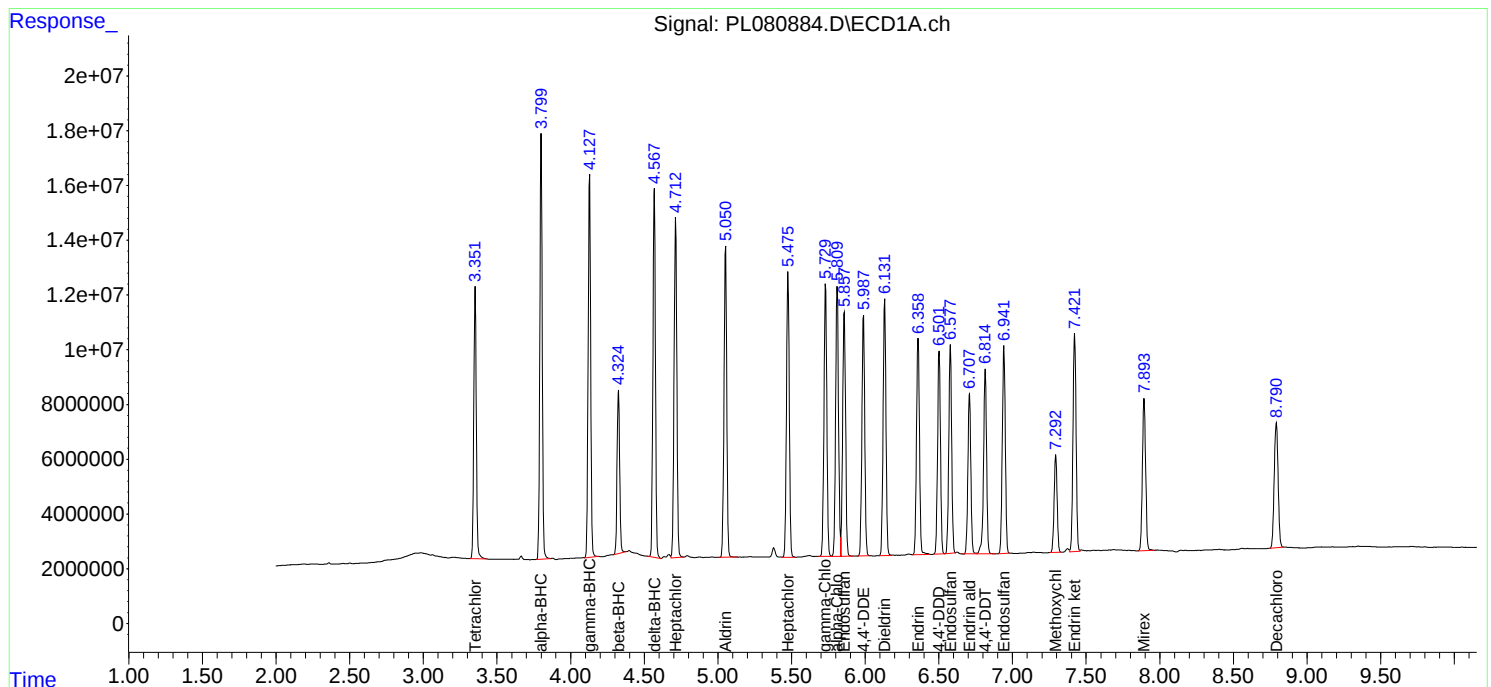
APPROVED

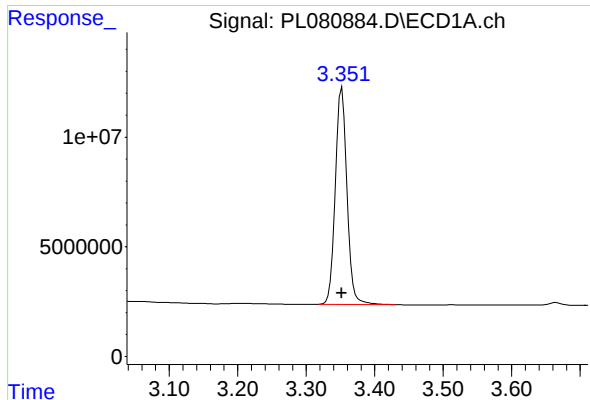
Reviewed By :Abdul Mirza 02/14/2023

Supervised By :Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 20:07:09 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





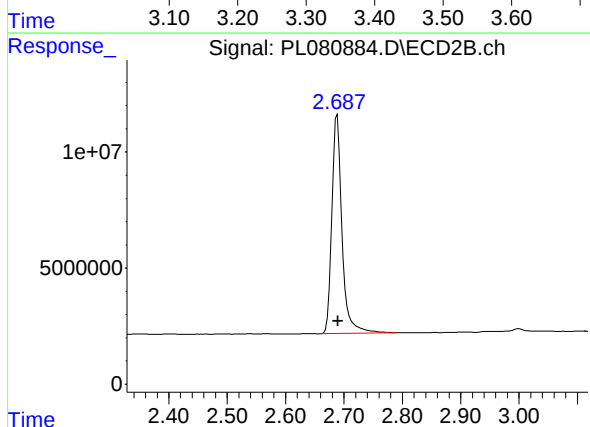
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 116418418
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

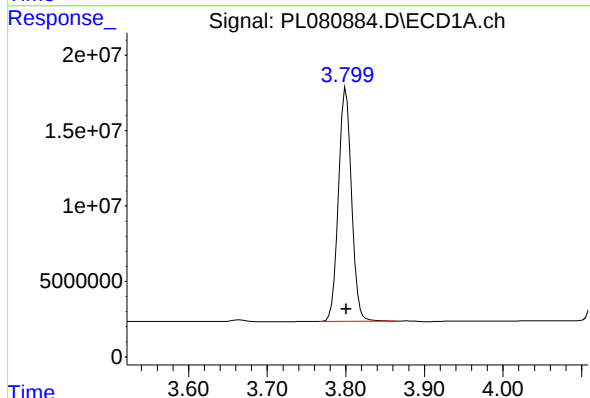
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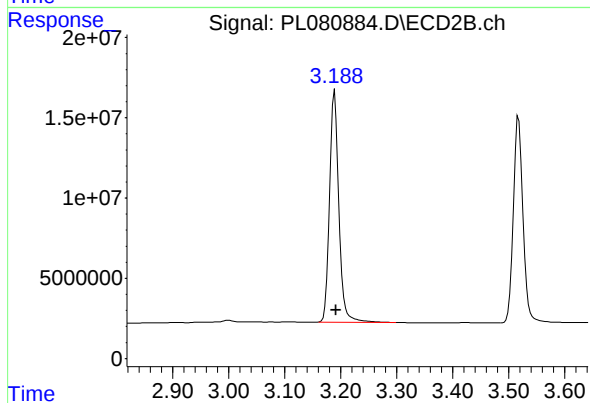
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 113520228
Conc: 51.68 ng/ml



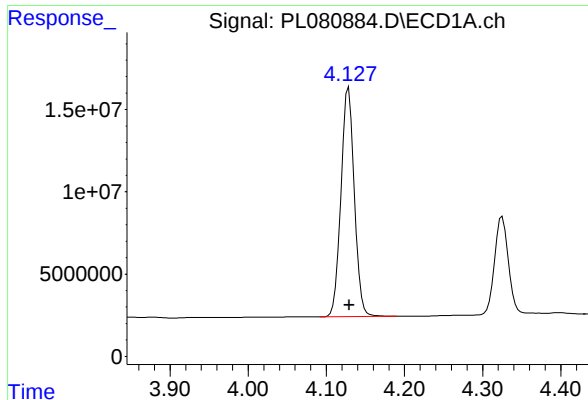
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 178921204
Conc: 56.48 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 166605695
Conc: 52.38 ng/ml



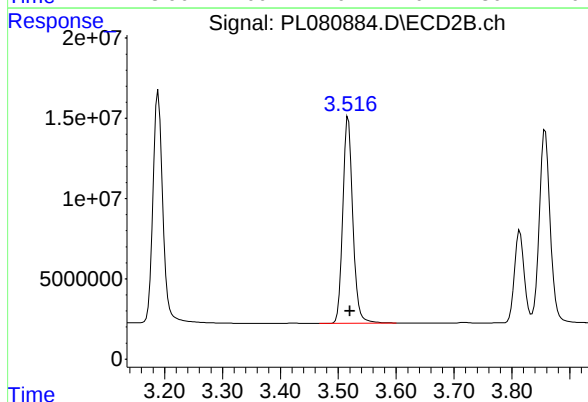
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 165694466
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

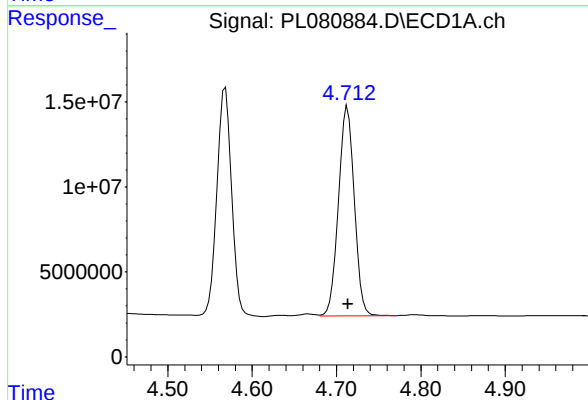
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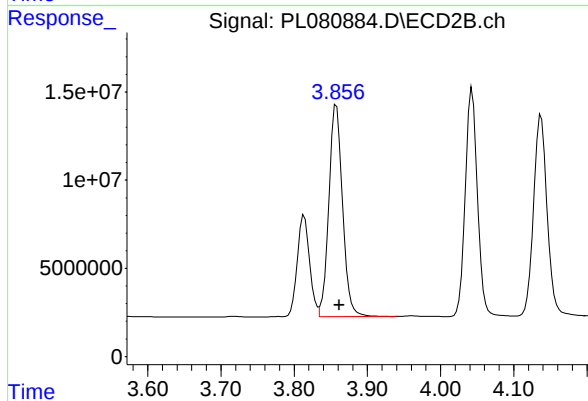
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 154092838
Conc: 51.58 ng/ml



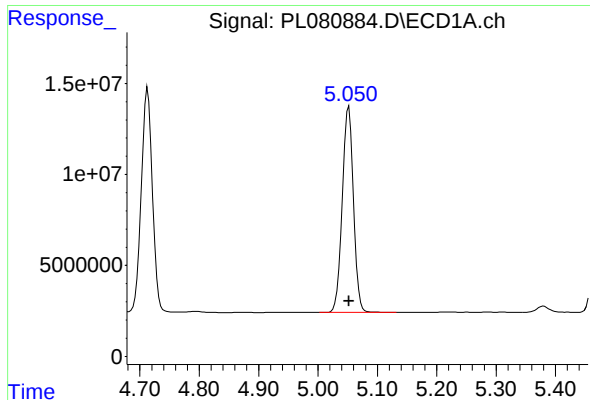
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 160793872
Conc: 54.41 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 156211377
Conc: 49.09 ng/ml



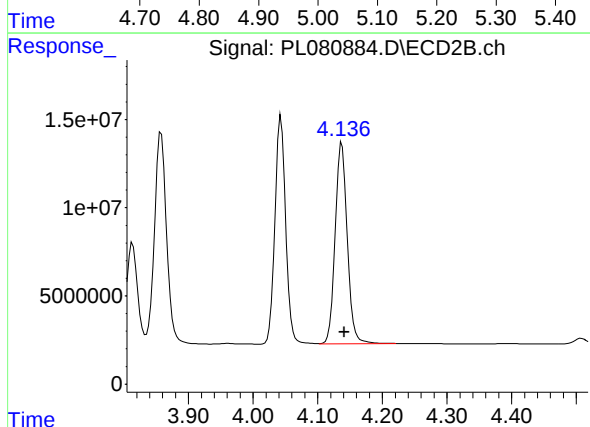
#5 Aldrin

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 148136843
Conc: 54.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

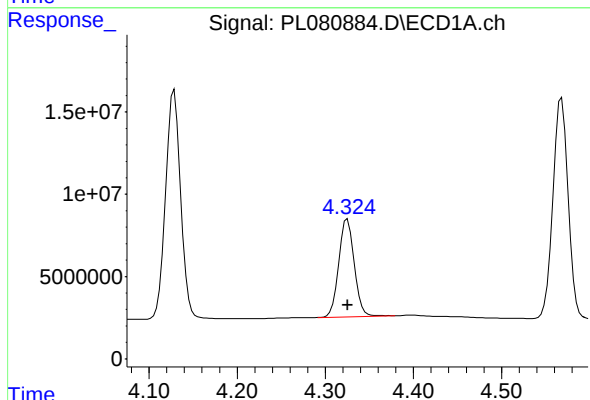
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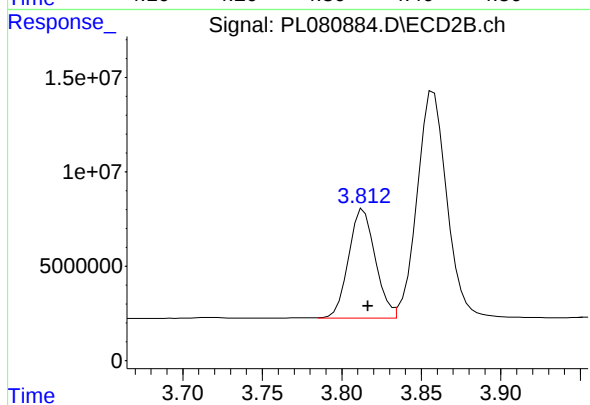
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 147850651
Conc: 50.13 ng/ml



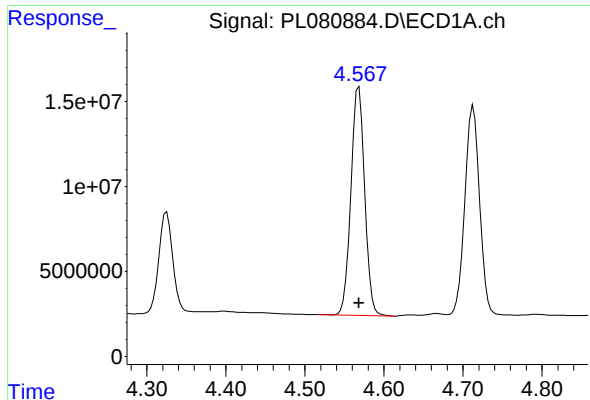
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 72997570
Conc: 53.48 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 67384453
Conc: 50.49 ng/ml



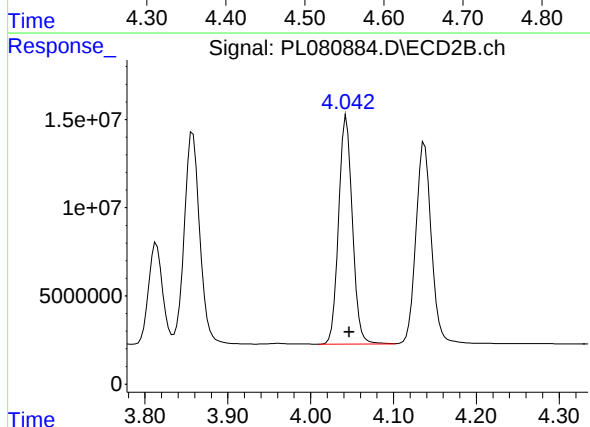
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 162488946
Conc: 56.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

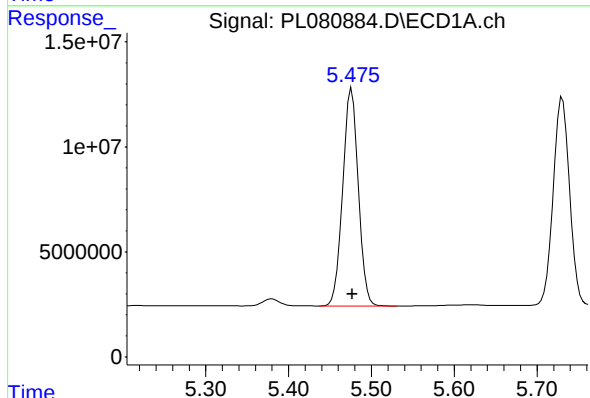
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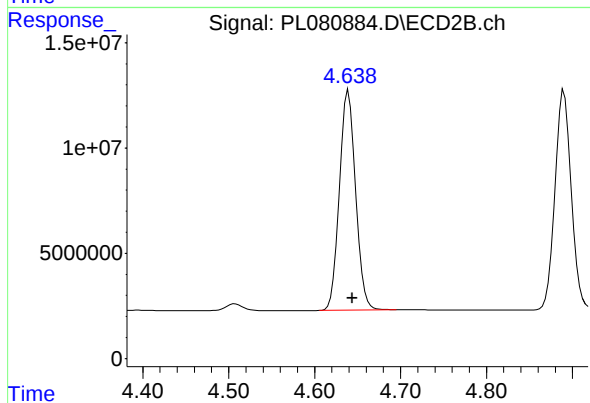
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 149103953
Conc: 51.69 ng/ml



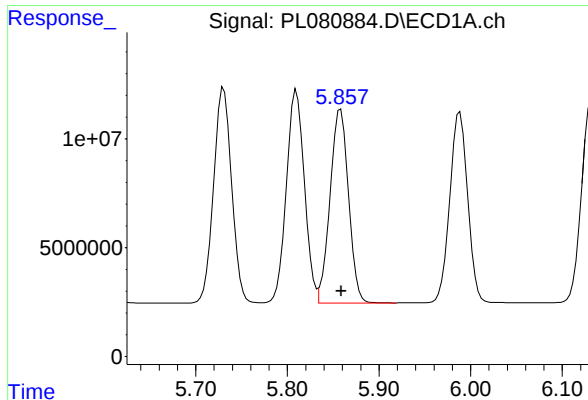
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 135597758
Conc: 52.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 136243773
Conc: 48.97 ng/ml



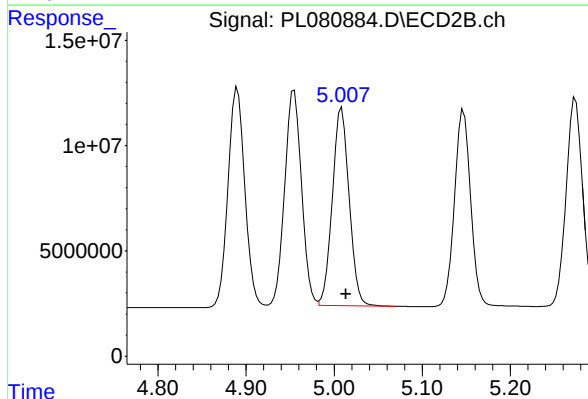
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 124645592
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

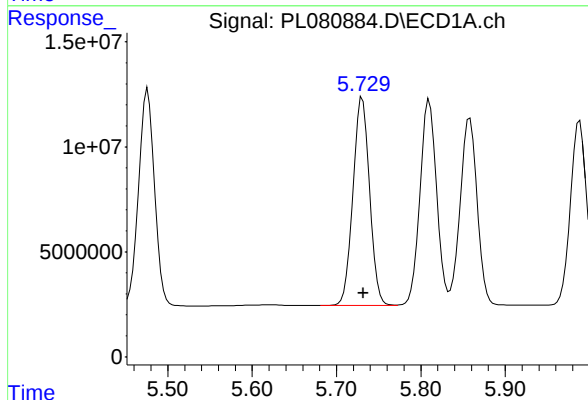
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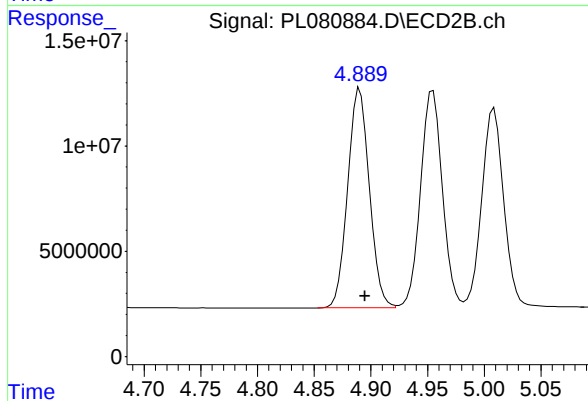
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 124900658
Conc: 48.01 ng/ml



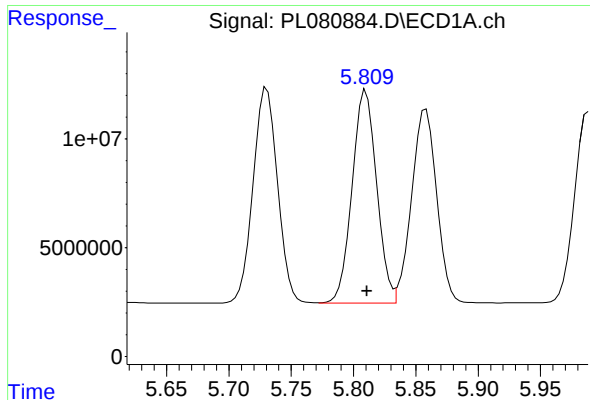
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 135726503
Conc: 53.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 138606347
Conc: 48.90 ng/ml m



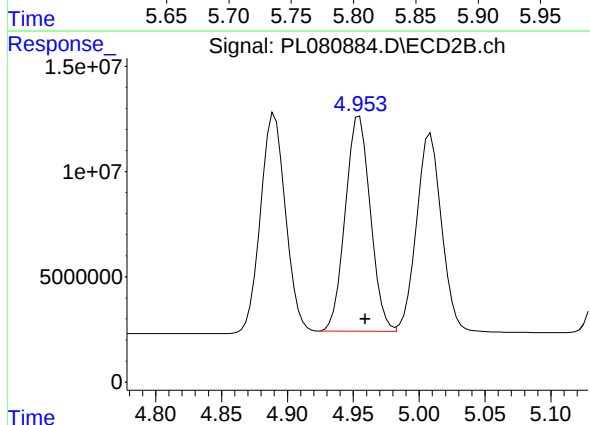
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 134004843
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

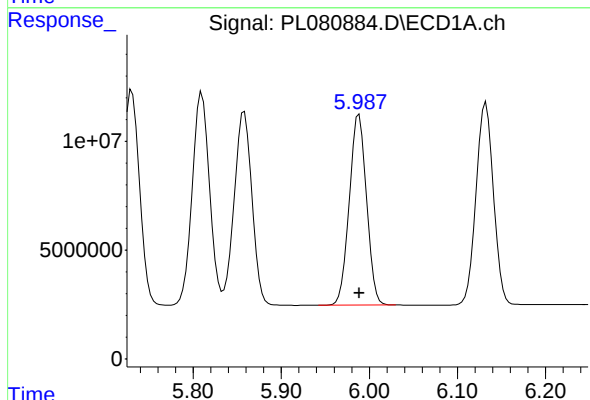
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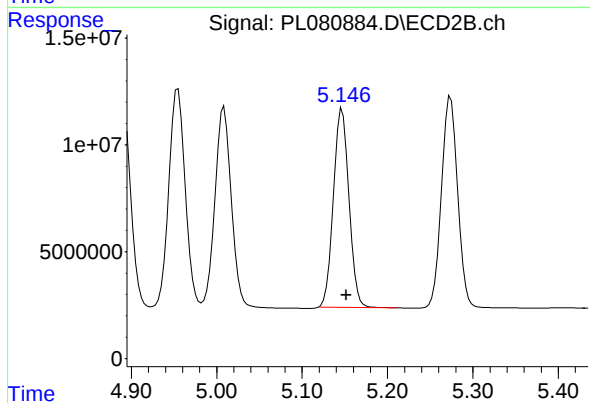
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 135136423
Conc: 47.17 ng/ml



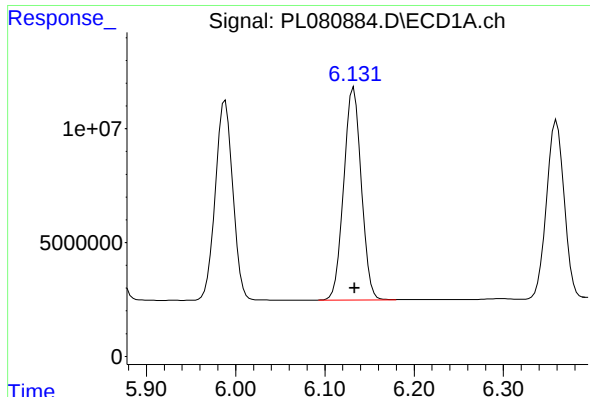
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 119341597
Conc: 53.58 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 117054580
Conc: 49.62 ng/ml



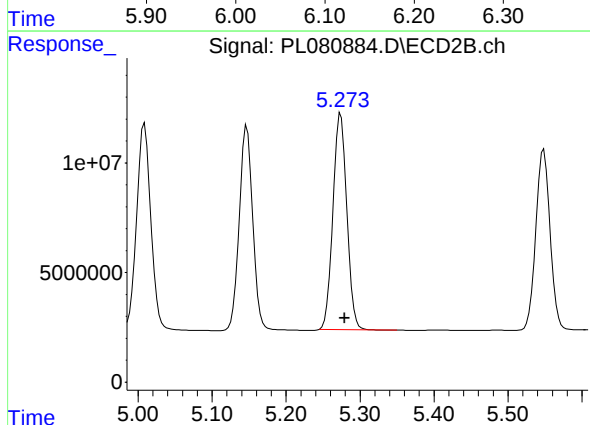
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 127662034
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

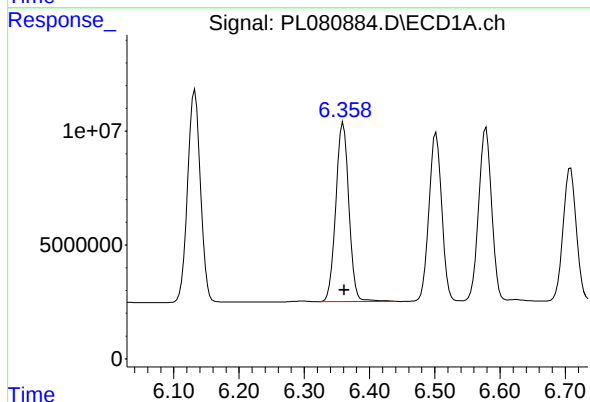
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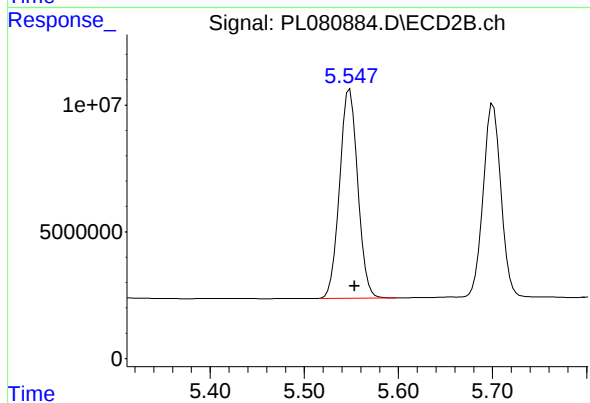
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 128796685
Conc: 47.61 ng/ml



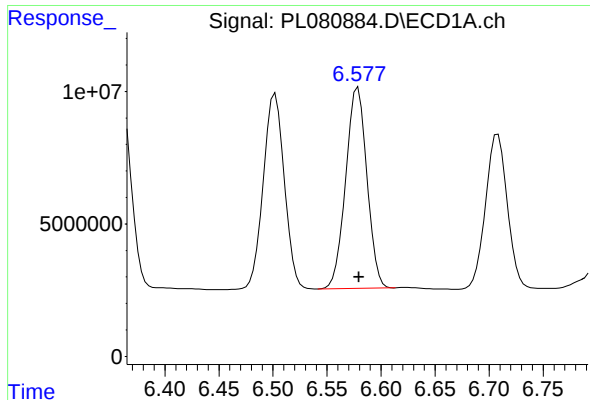
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 109832287
Conc: 50.78 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 110808282
Conc: 47.74 ng/ml



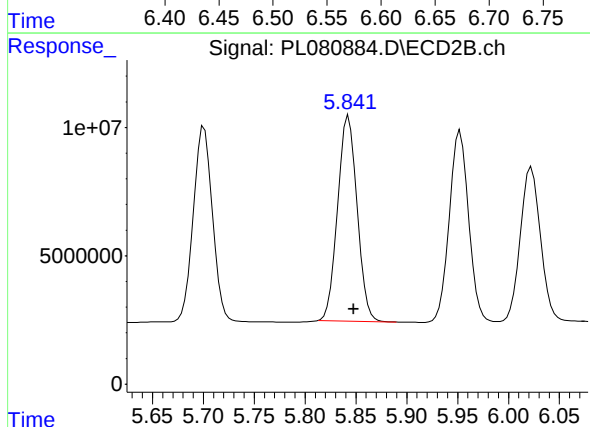
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 103719196
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

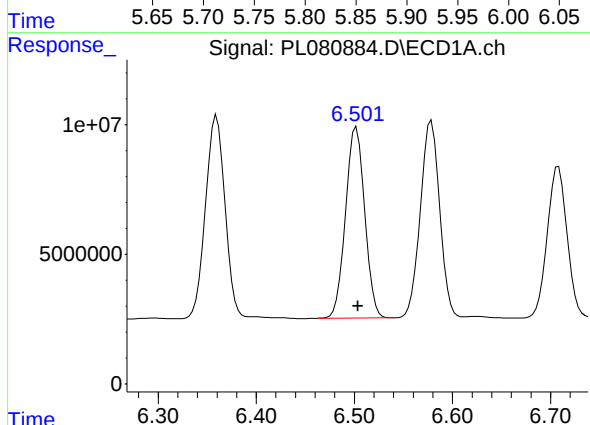
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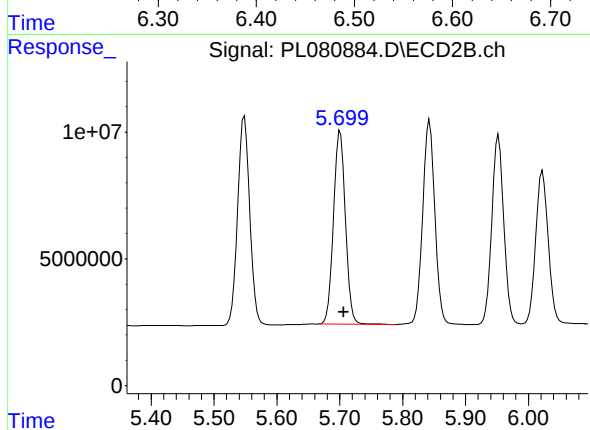
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 106782941
Conc: 51.25 ng/ml



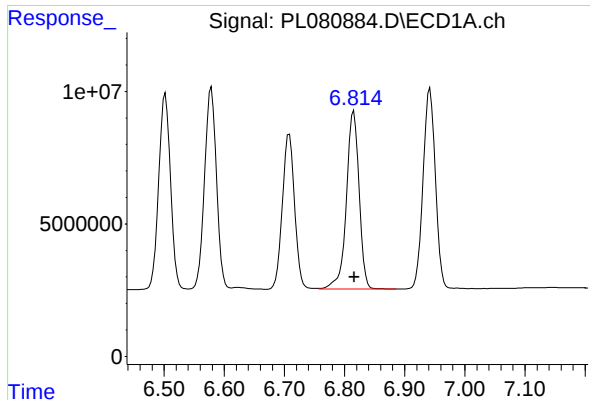
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 100143235
Conc: 54.66 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.006 min
Response: 100318047
Conc: 53.38 ng/ml



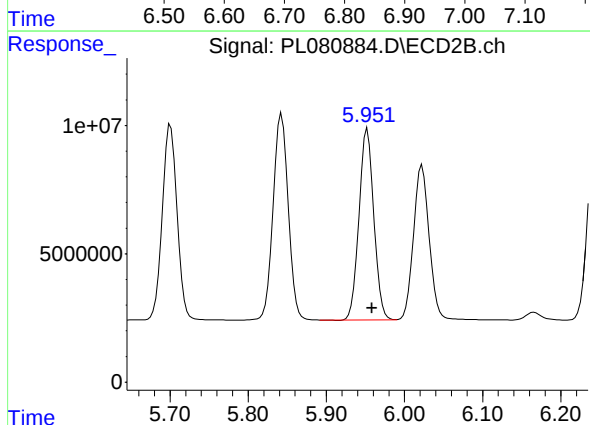
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 98489207
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

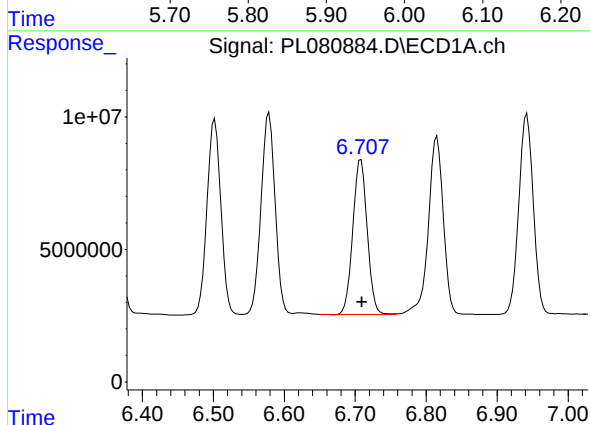
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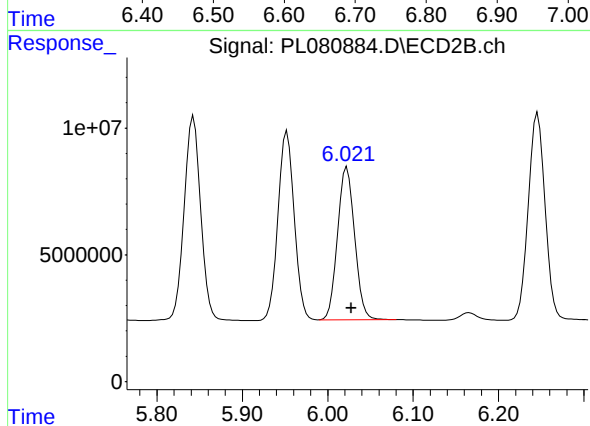
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 98022773
Conc: 46.64 ng/ml



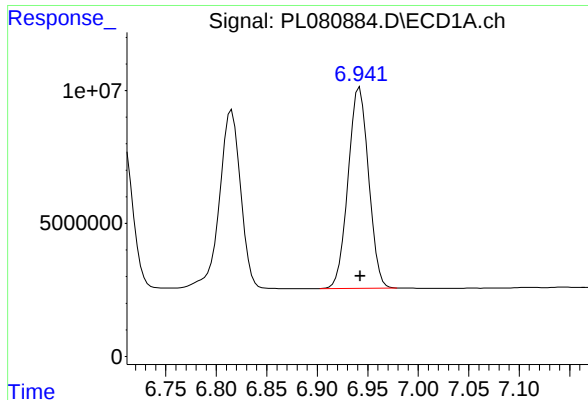
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 82203184
Conc: 49.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 83509964
Conc: 45.73 ng/ml



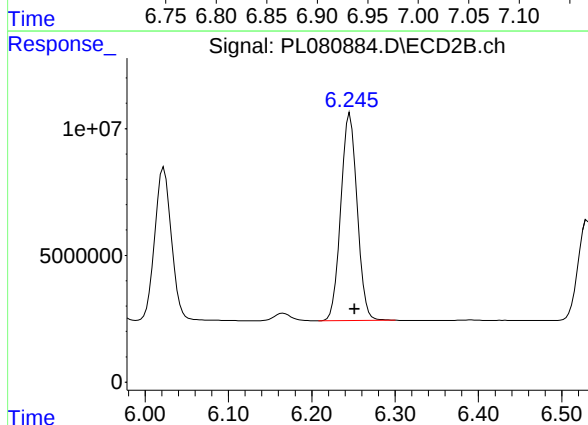
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 106979884
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

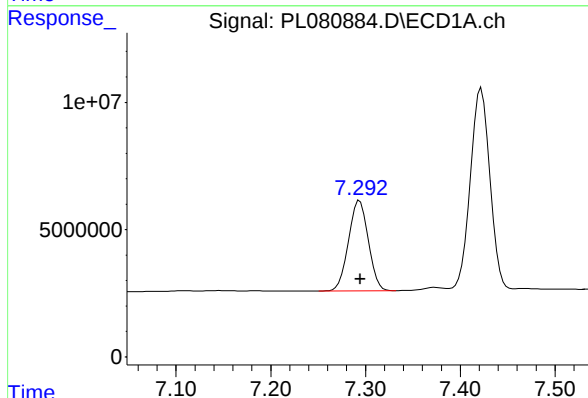
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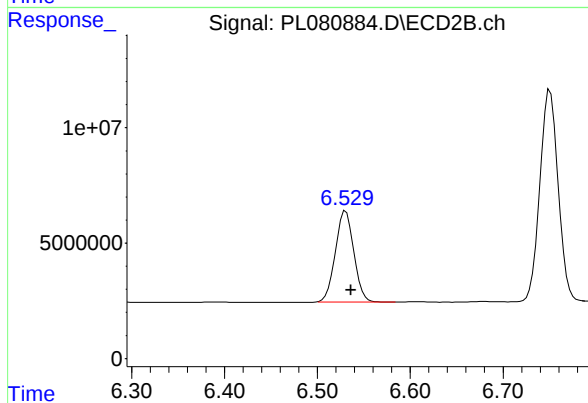
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 111193754
Conc: 47.81 ng/ml



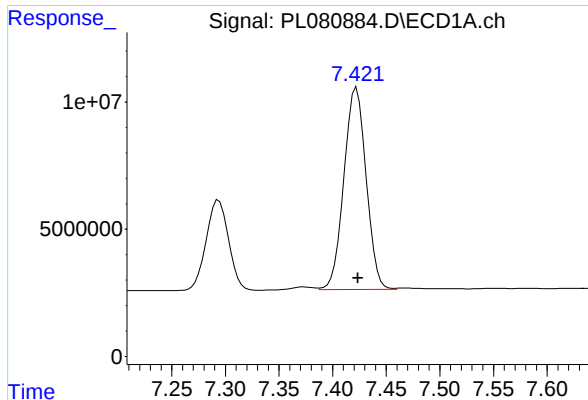
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 51526960
Conc: 46.70 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 54377230
Conc: 44.81 ng/ml



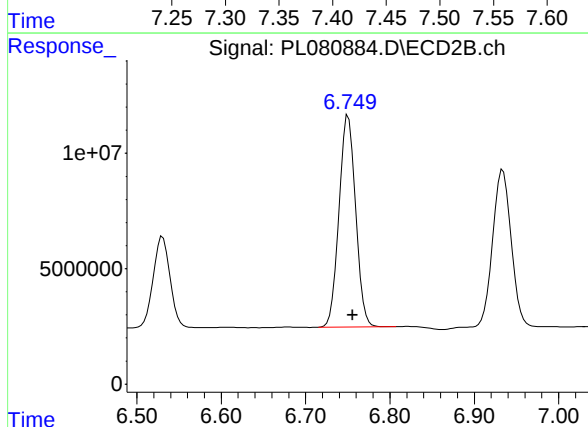
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.001 min
Response: 114575518
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

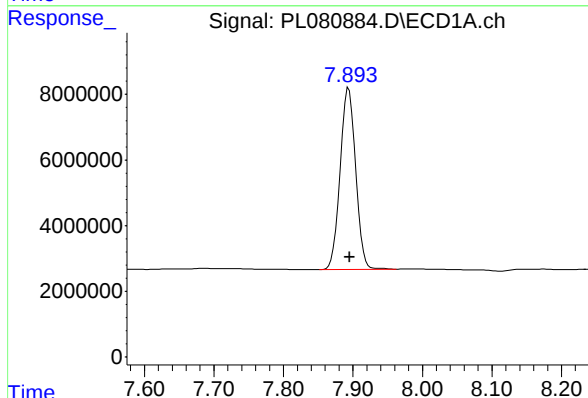
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/14/2023
Supervised By :Ankita Jodhani 02/14/2023



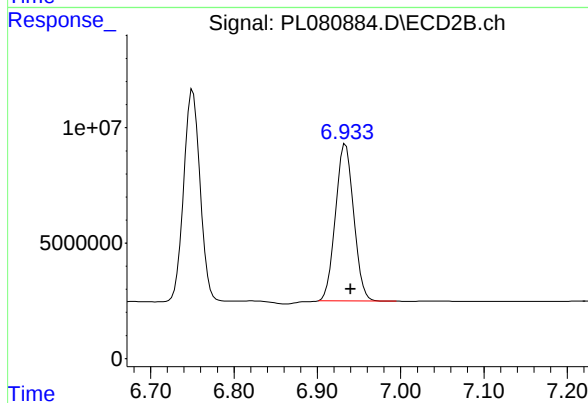
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 125586841
Conc: 49.19 ng/ml



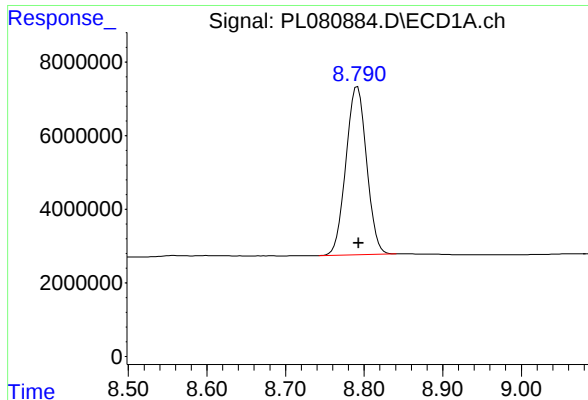
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 86085771
Conc: 50.06 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 103309594
Conc: 45.38 ng/ml



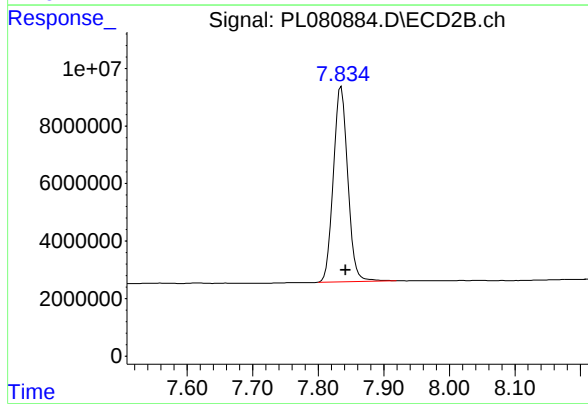
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 83620121
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/14/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 103824789
Conc: 43.58 ng/ml