

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013023\
 Data File : PL080595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2023 12:22
 Operator : AR\AJ
 Sample : PB150535BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150535BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2023
 Supervised By : Ankita Jodhani 01/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 20:41:08 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...	3.351	2.688	46939546	49689396	21.885	22.623
28) SA Decachlor...	8.787	7.834	40678077	54075174	23.235	22.696
Target Compounds						
2) A alpha-BHC	3.799	3.189	145.4E6	148.1E6	45.906	46.566
3) MA gamma-BHC...	4.127	3.517	135.6E6	138.6E6	46.128	46.404
4) MA Heptachlor	4.711	3.858	134.0E6	144.4E6	45.355	45.366
5) MB Aldrin	5.049	4.138	126.0E6	138.4E6	46.067	46.909
6) B beta-BHC	4.324	3.813	58802659	59229864	43.078	44.379
7) B delta-BHC	4.567	4.043	131.4E6	134.6E6	45.372	46.660
8) B Heptachlo...	5.474	4.640	115.8E6	126.8E6	44.773	45.580
9) A Endosulfan I	5.856	5.009	104.1E6	114.8E6	44.091	44.142
10) B gamma-Chl...	5.729	4.889	113.1E6	128.8E6	44.760	45.442m
11) B alpha-Chl...	5.808	4.955	112.5E6	125.1E6	44.572	43.669
12) B 4,4'-DDE	5.986	5.146	100.2E6	108.3E6	44.984	45.924m
13) MA Dieldrin	6.131	5.274	110.4E6	123.7E6	46.108	45.737
14) MA Endrin	6.357	5.548	99254046	110.9E6	45.894	47.773
15) B Endosulfa...	6.576	5.842	103.8E6	99297226	45.290	47.654
16) A 4,4'-DDD	6.500	5.700	80280208	85450056	43.821	45.471
17) MA 4,4'-DDT	6.813	5.952	89467611	95061134	43.062	45.235
18) B Endrin al...	6.706	6.022	78369130	88826779	47.114	48.643
19) B Endosulfa...	6.939	6.245	93696995	106.5E6	45.266	45.773
20) A Methoxychlor	7.291	6.530	48577228	53697960	44.029	44.252
21) B Endrin ke...	7.419	6.750	98907540	117.1E6	44.829	45.849
22) Mirex	7.891	6.933	78622511	104.0E6	45.716	45.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013023\
 Data File : PL080595.D
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 Acq On : 30 Jan 2023 12:22
 Operator : AR\AJ
 Sample : PB150535BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150535BS

Manual Integrations

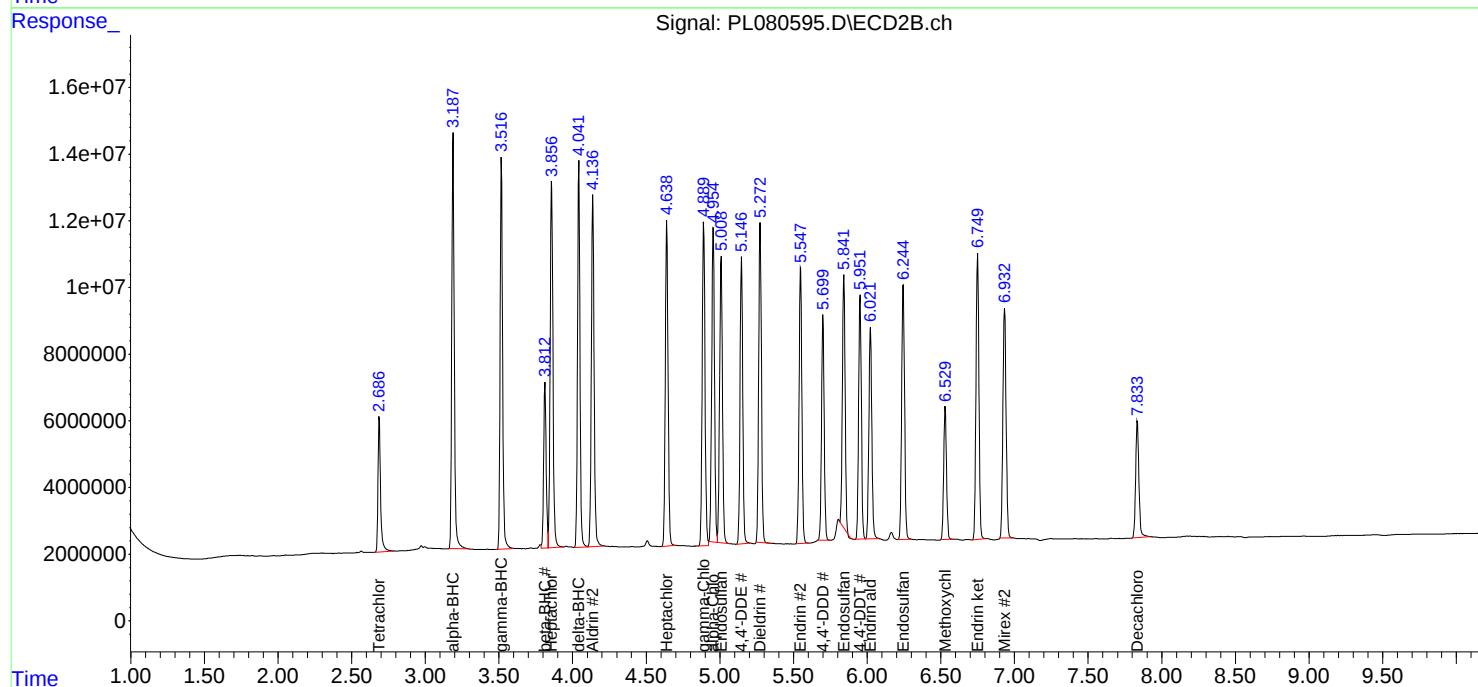
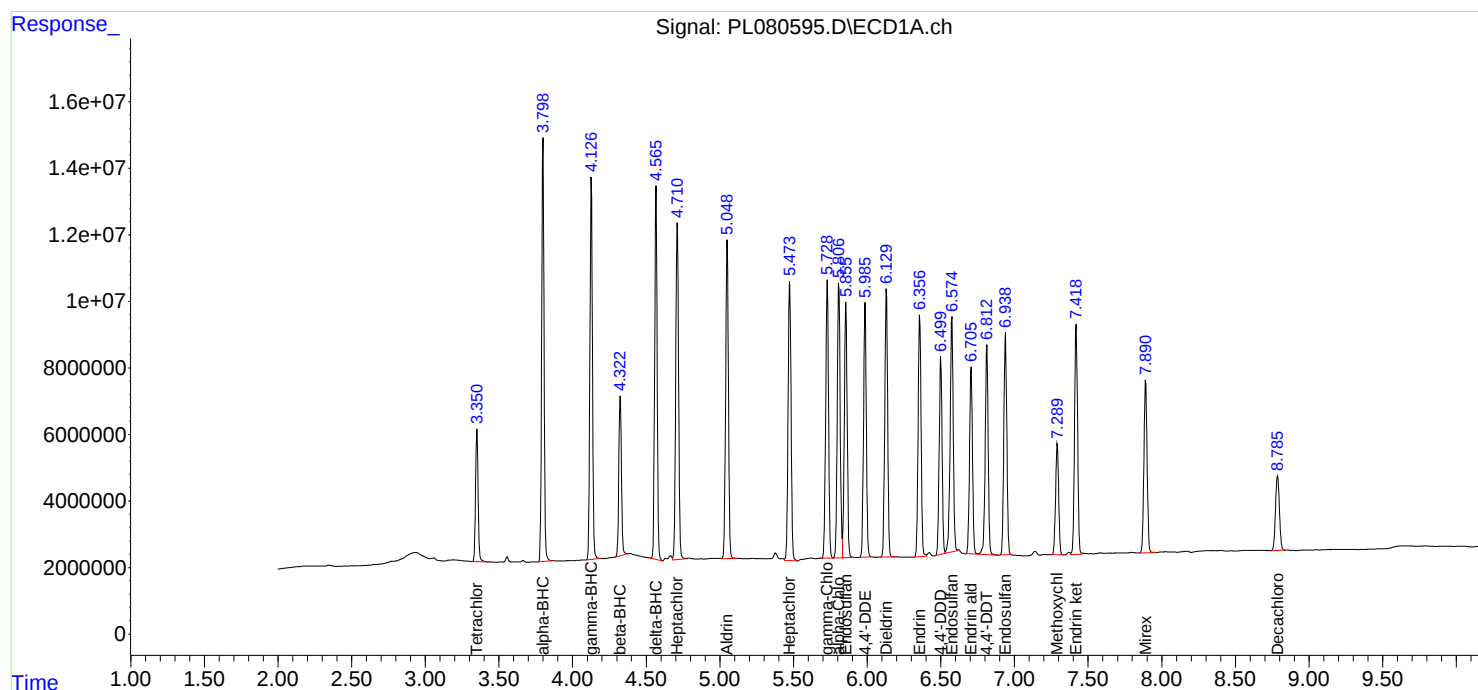
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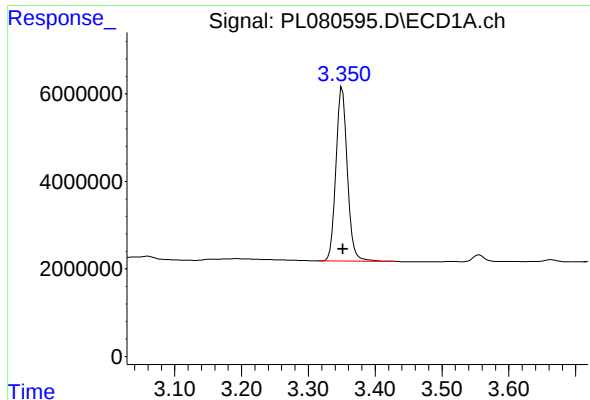
Reviewed By :Abdul Mirza 01/31/2023

Supervised By :Ankita Jodhani 01/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 20:41:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
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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





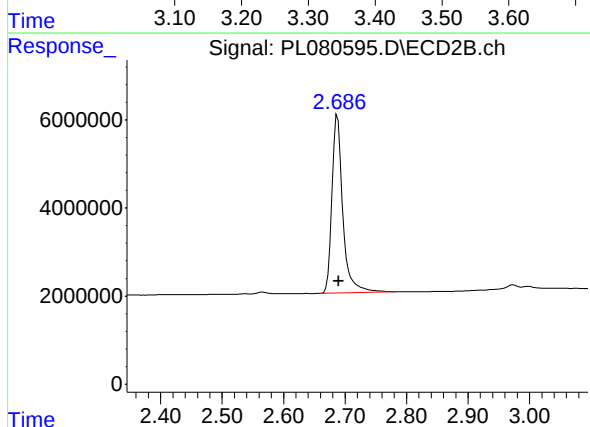
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 46939546
Conc: 21.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

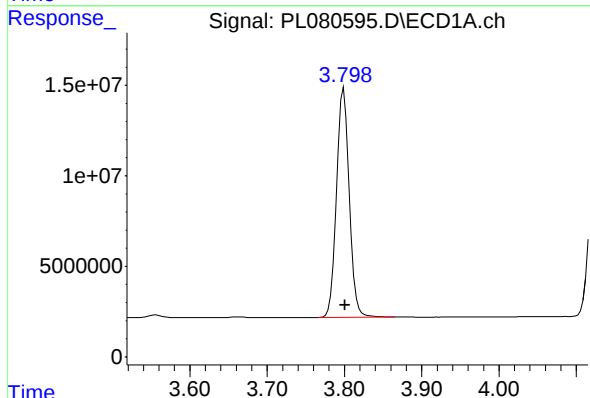
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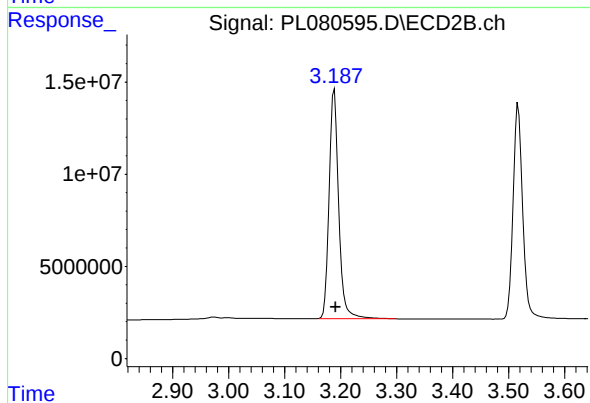
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 49689396
Conc: 22.62 ng/ml



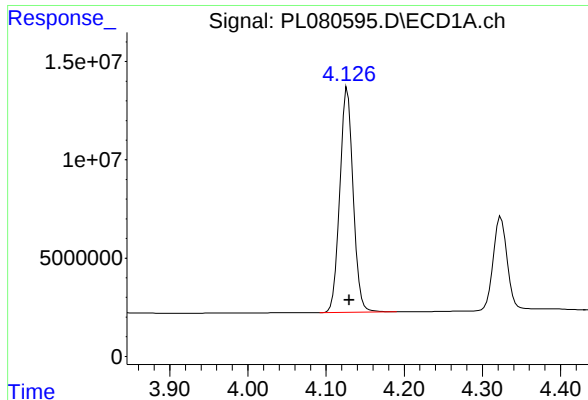
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 145430451
Conc: 45.91 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 148099238
Conc: 46.57 ng/ml



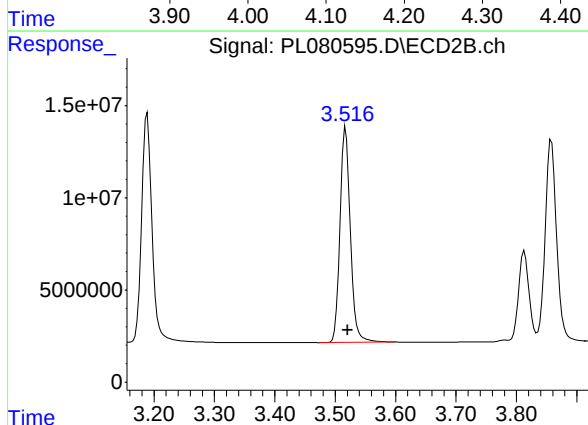
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 135606774
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

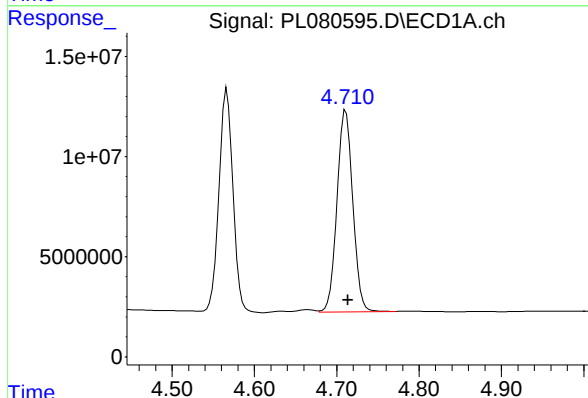
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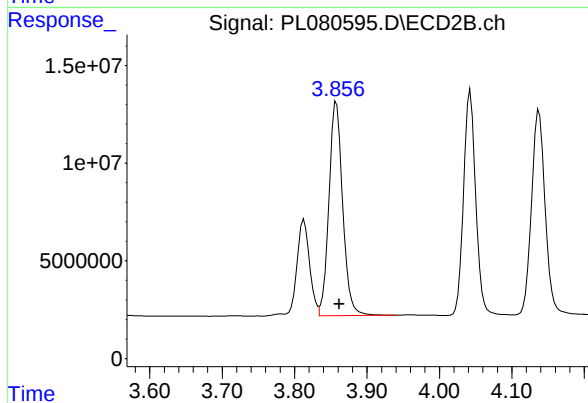
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 138623930
Conc: 46.40 ng/ml



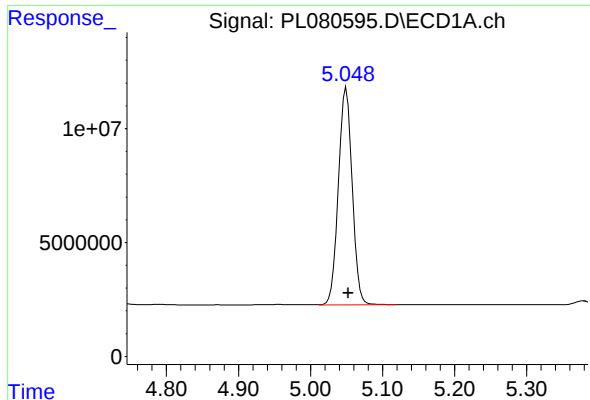
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 134033455
Conc: 45.35 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 144372490
Conc: 45.37 ng/ml



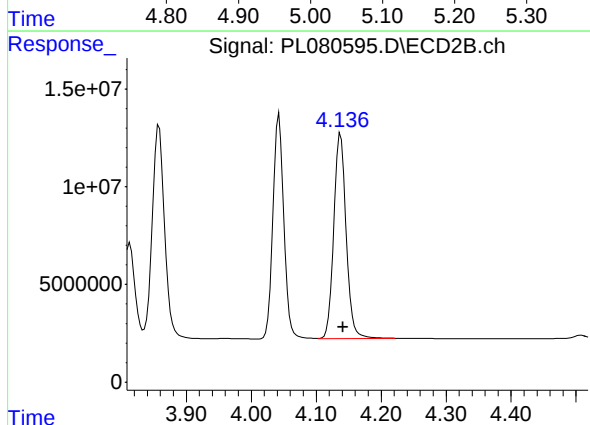
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 126028549
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

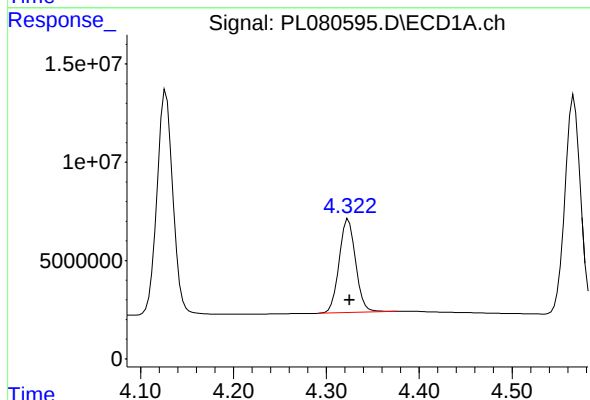
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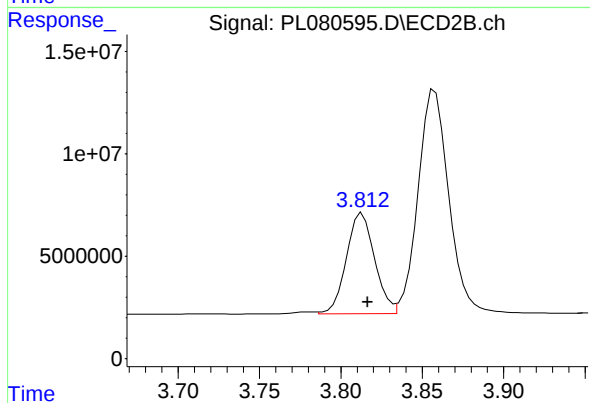
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 138360866
Conc: 46.91 ng/ml



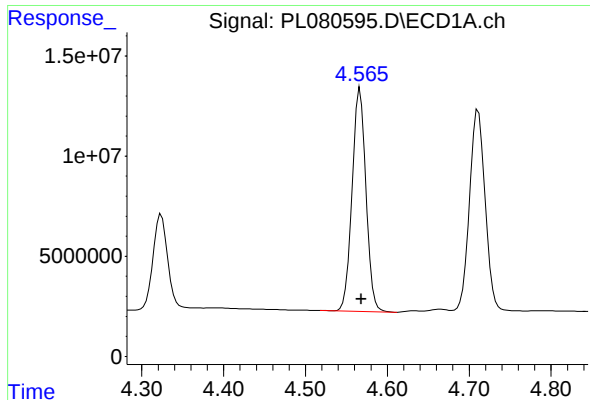
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 58802659
Conc: 43.08 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 59229864
Conc: 44.38 ng/ml



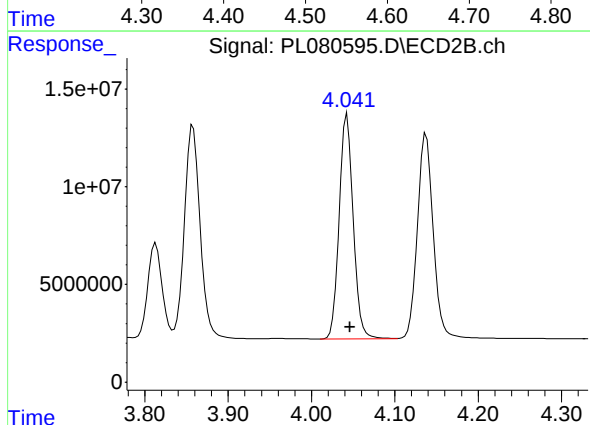
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 131352486
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

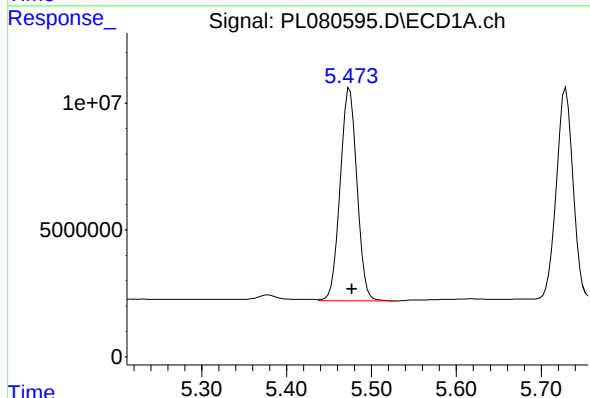
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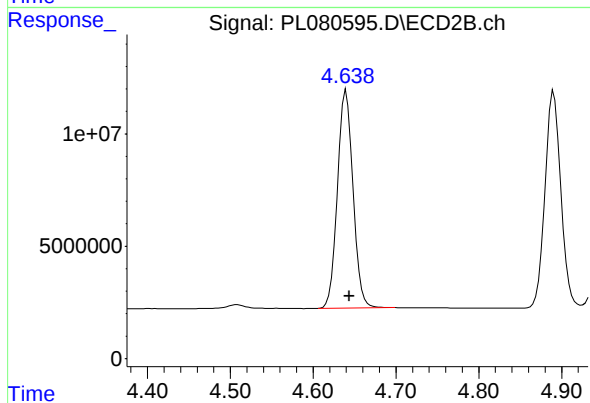
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 134589150
Conc: 46.66 ng/ml



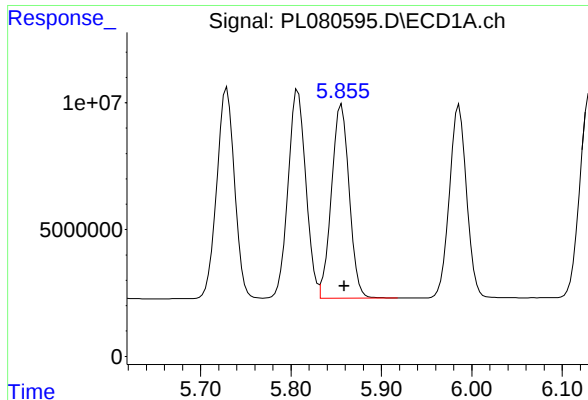
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 115829182
Conc: 44.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 126818157
Conc: 45.58 ng/ml



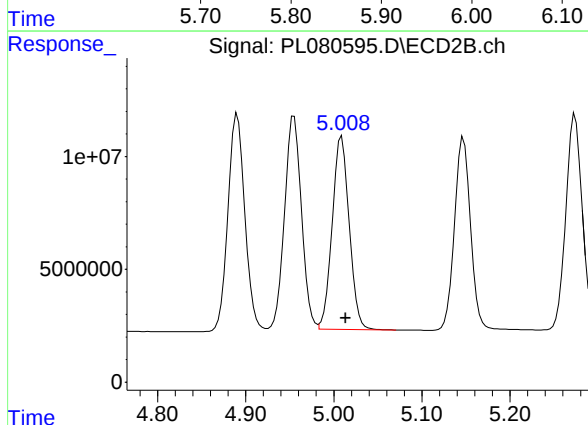
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 104118627
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

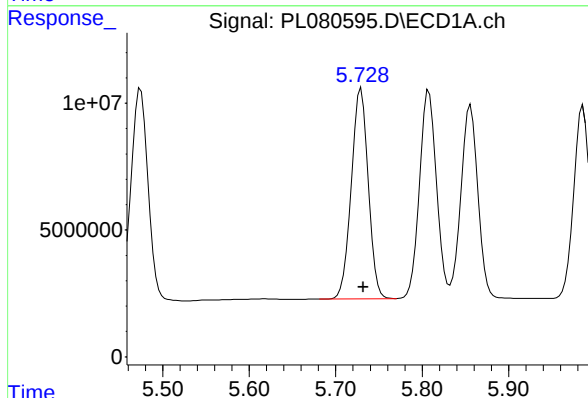
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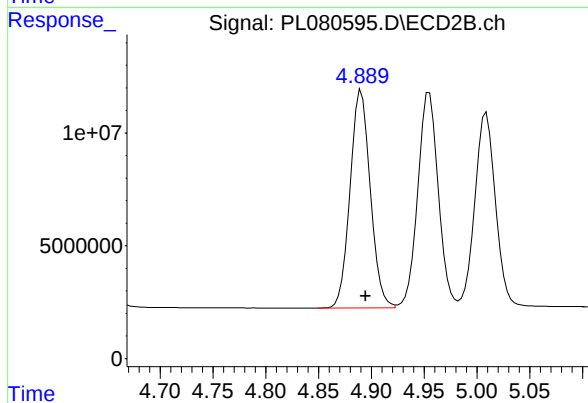
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 114827633
Conc: 44.14 ng/ml



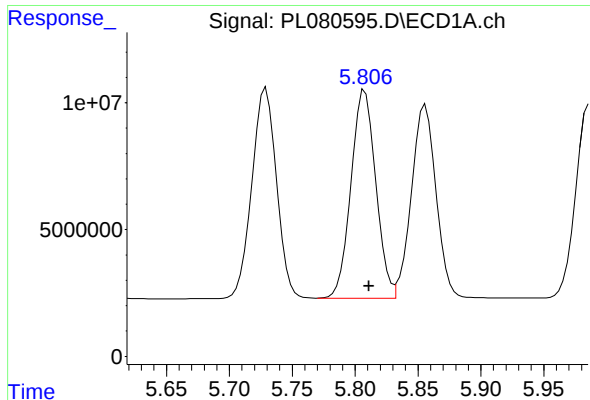
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 113052283
Conc: 44.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 128792035
Conc: 45.44 ng/ml m



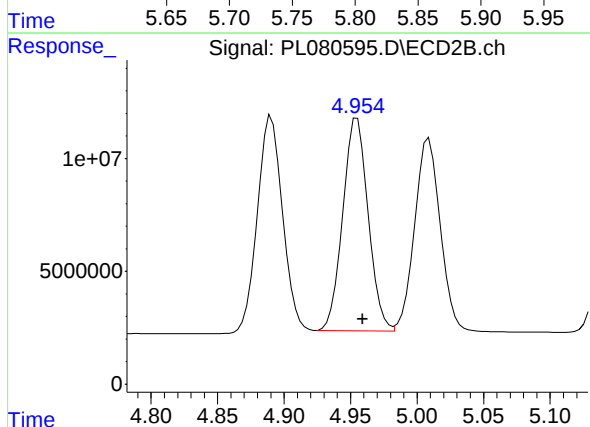
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 112510488
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

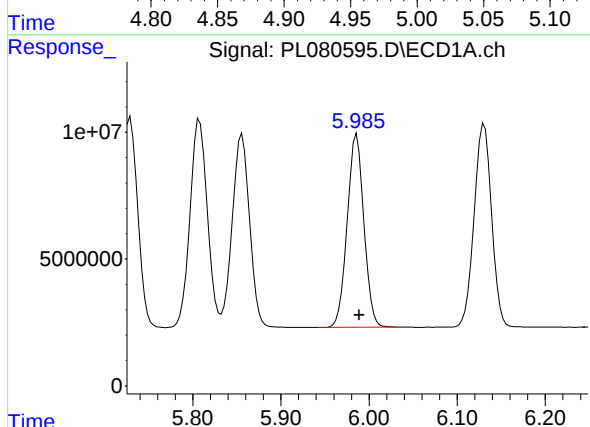
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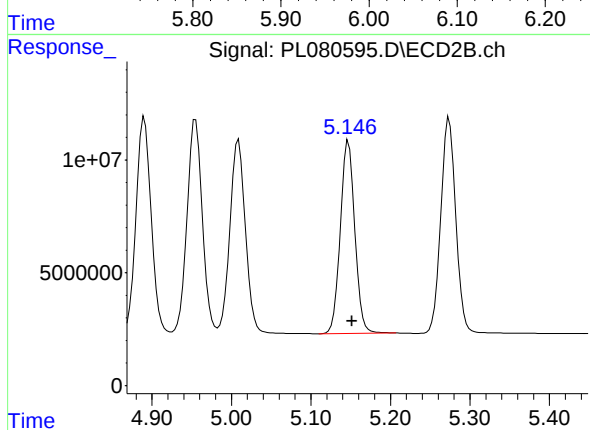
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 125096924
Conc: 43.67 ng/ml



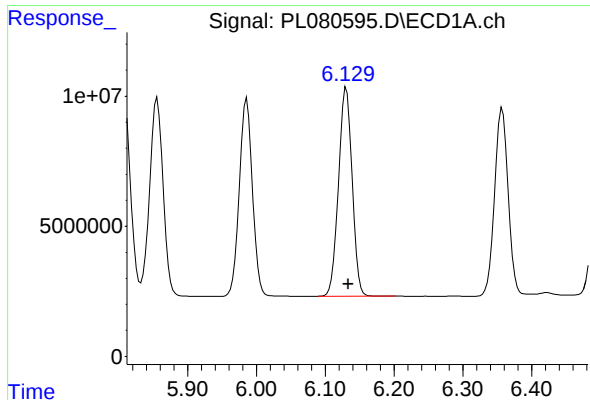
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 100195012
Conc: 44.98 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 108328159
Conc: 45.92 ng/ml m



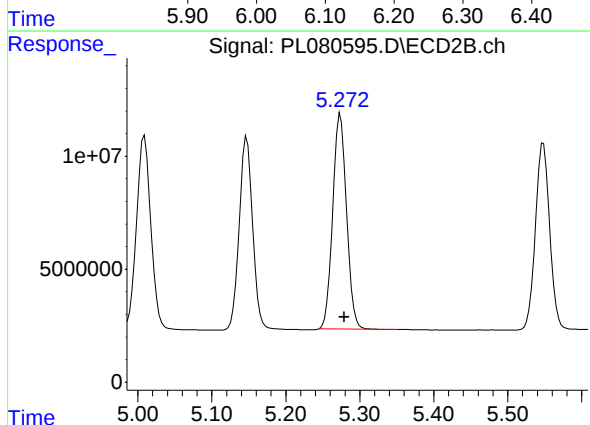
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 110353373
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

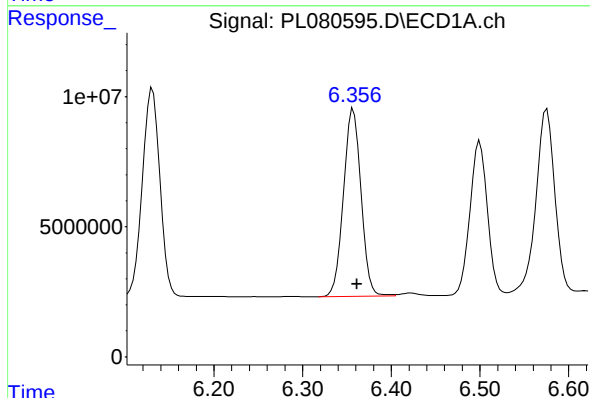
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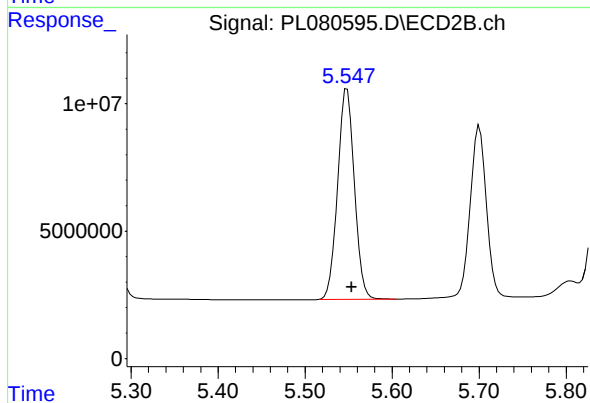
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 123716260
Conc: 45.74 ng/ml



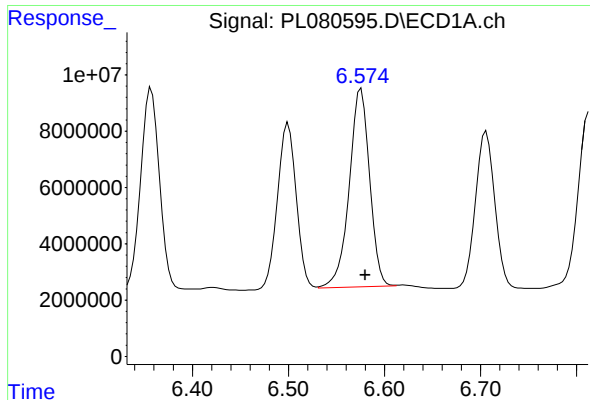
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 99254046
Conc: 45.89 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 110887788
Conc: 47.77 ng/ml



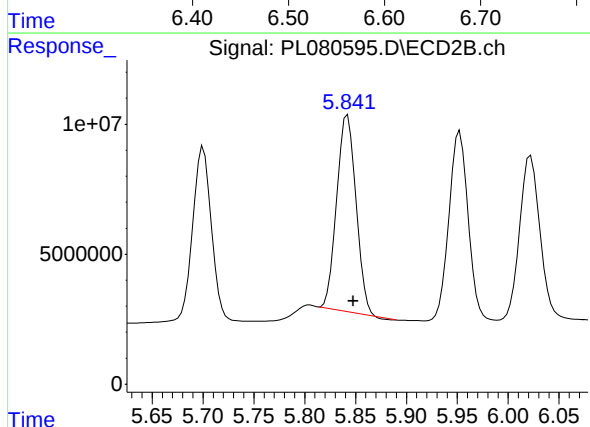
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 103820238
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

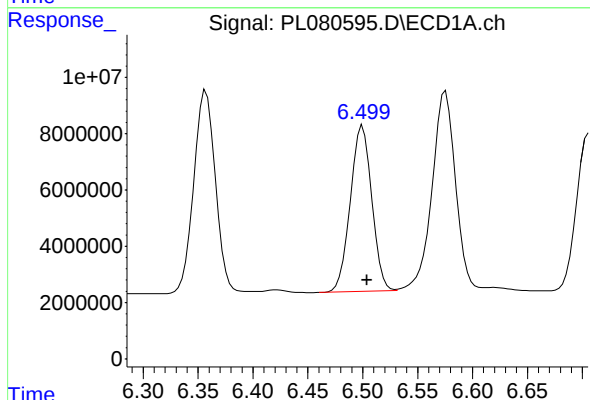
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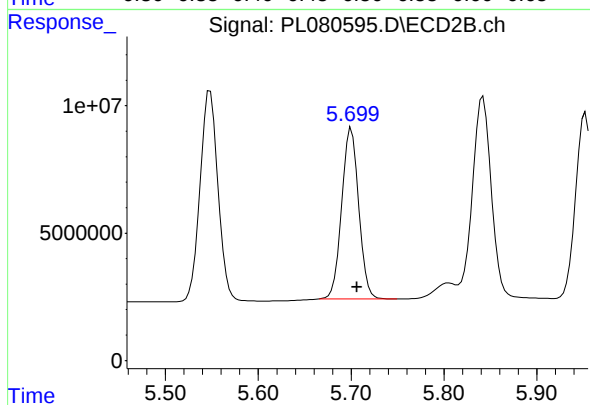
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 99297226
Conc: 47.65 ng/ml



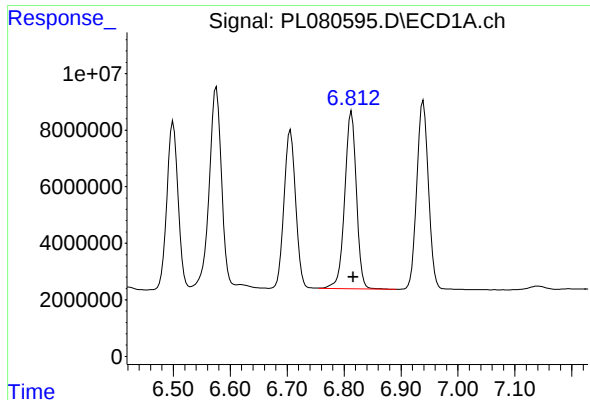
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 80280208
Conc: 43.82 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 85450056
Conc: 45.47 ng/ml



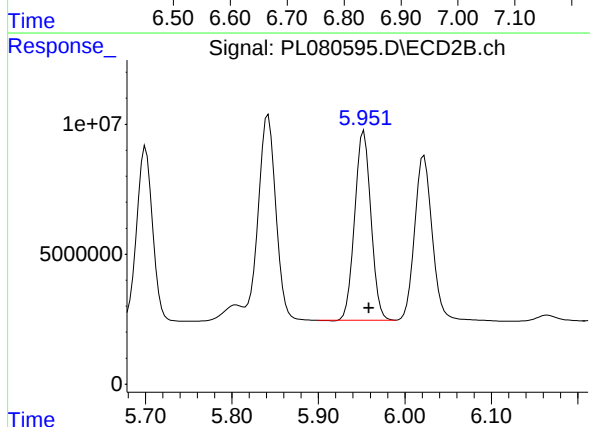
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 89467611
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

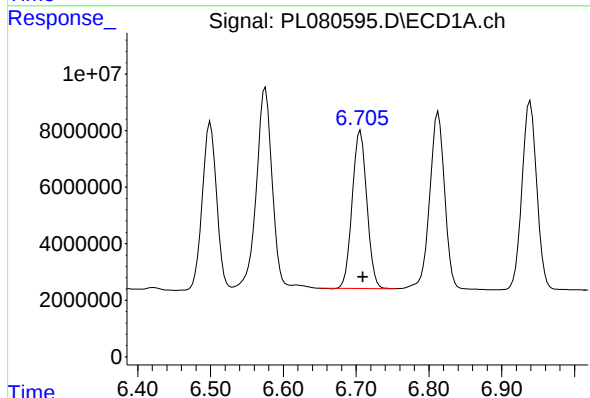
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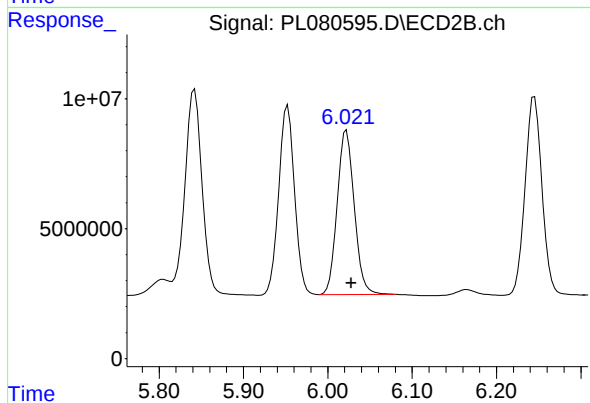
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 95061134
Conc: 45.24 ng/ml



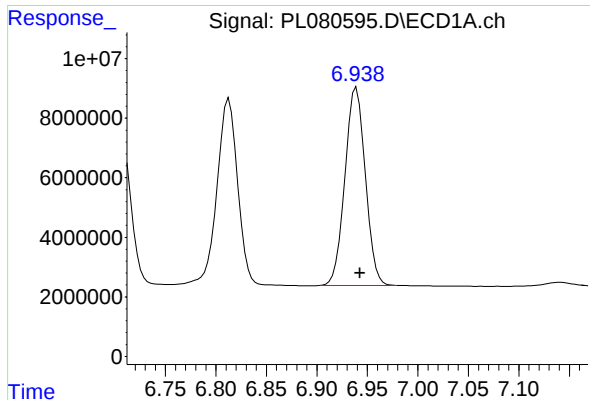
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 78369130
Conc: 47.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 88826779
Conc: 48.64 ng/ml



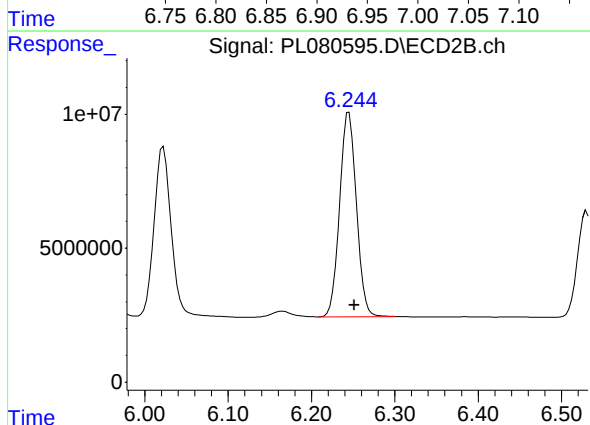
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 93696995
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

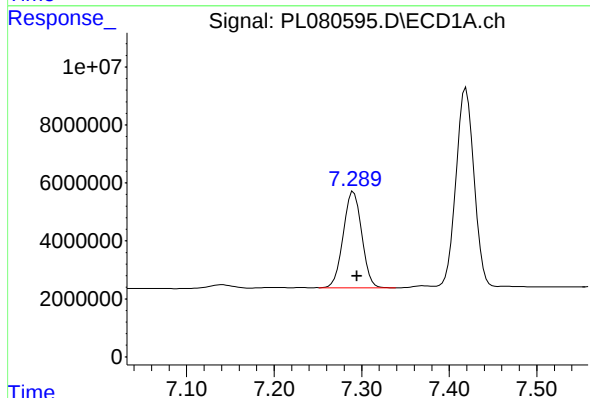
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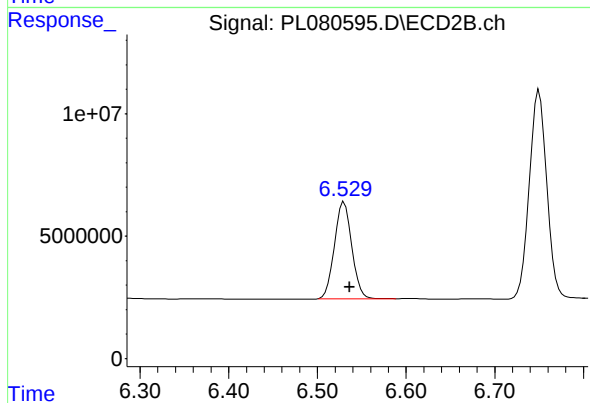
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 106452276
Conc: 45.77 ng/ml



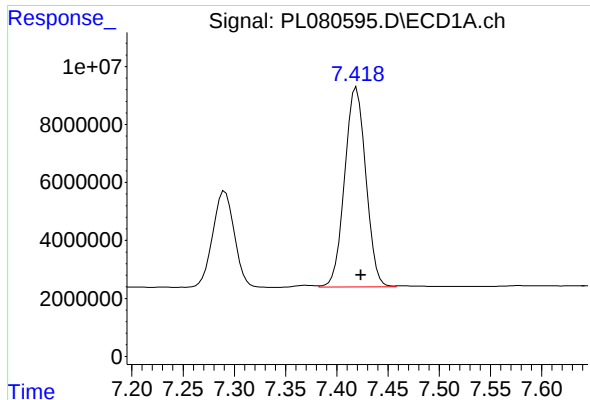
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 48577228
Conc: 44.03 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 53697960
Conc: 44.25 ng/ml



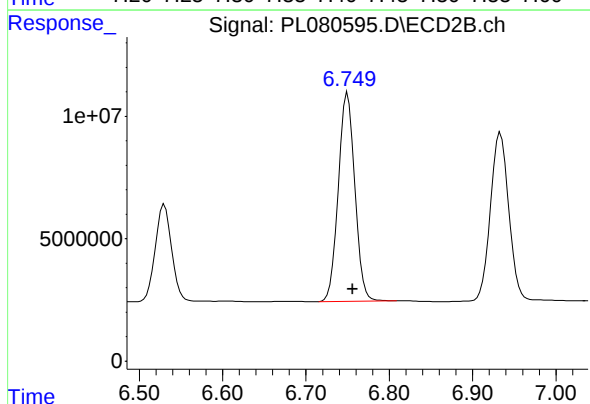
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 98907540
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

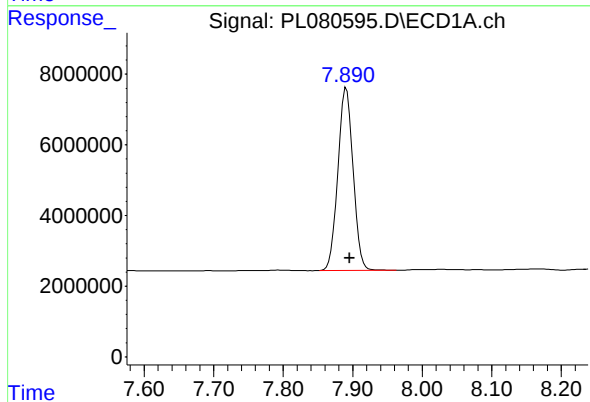
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2023
Supervised By :Ankita Jodhani 01/31/2023



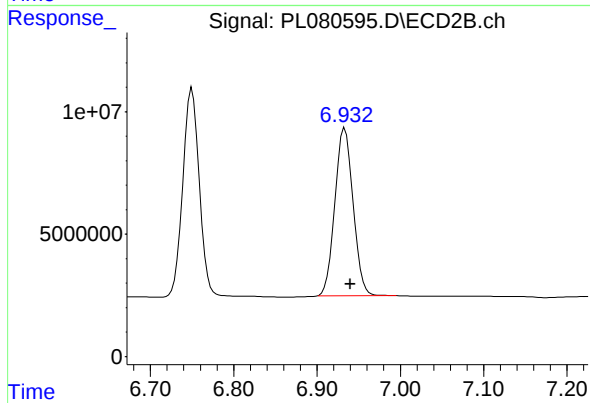
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 117061747
Conc: 45.85 ng/ml



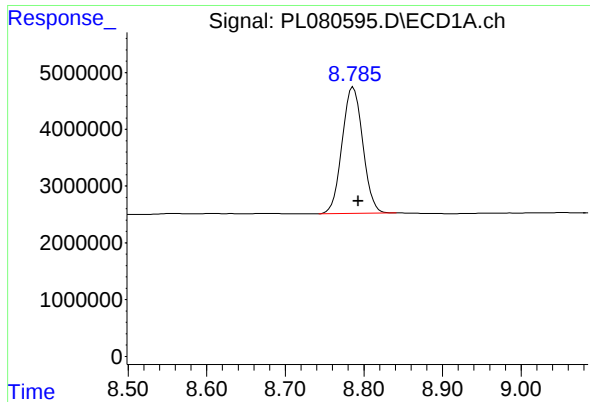
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 78622511
Conc: 45.72 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 103966633
Conc: 45.66 ng/ml



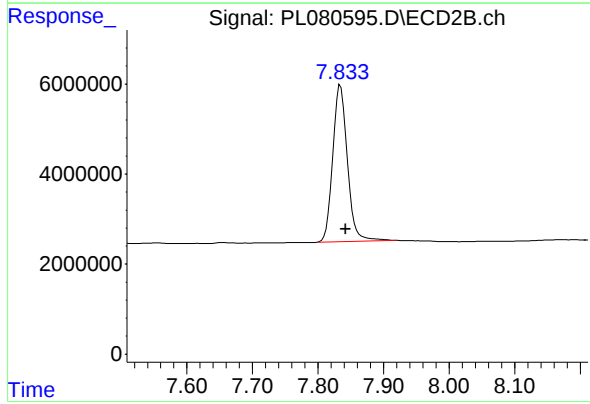
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 40678077
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150535BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 54075174
Conc: 22.70 ng/ml