

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022120\
 Data File : PL056752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2020 20:25
 Operator : AJ\MA
 Sample : L1604-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HAM-SB-010203-5-52MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 22:29:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 20 02:32:45 2020
 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...	3.497	4.019	198.0E6	61910145	22.900	24.854
28)	SA Decachlor...	8.250	9.090	186.4E6	38797882	15.672	18.464
Target Compounds							
2)	A alpha-BHC	3.936	4.408	810.3E6	213.7E6	51.335	56.814
3)	MA gamma-BHC...	4.220	4.693	741.5E6	192.7E6	49.707	55.971
4)	MA Heptachlor	4.521	5.199	739.9E6	168.4E6	50.177	57.549
5)	MB Aldrin	4.770	5.504	735.3E6	168.1E6	49.253	53.707
6)	B beta-BHC	4.470	4.865	296.8E6	80907709	51.211	61.886
7)	B delta-BHC	4.676	5.082	721.3E6	153.5E6	50.045	50.422
8)	B Heptachlo...	5.213	5.891	685.8E6	147.2E6	48.476	50.359
9)	A Endosulfan I	5.552	6.249	646.4E6	144.3E6	48.356	53.407
10)	B gamma-Chl...	5.440	6.126	708.0E6	151.0E6	48.742	52.641
11)	B alpha-Chl...	5.498	6.198	683.2E6	150.9E6	47.312	53.019
12)	B 4,4'-DDE	5.661	6.357	701.8E6	148.0E6	49.892	53.753
13)	MA Dieldrin	5.796	6.506	721.7E6	153.4E6	48.420	53.668
14)	MA Endrin	6.053	6.724	681.0E6	130.4E6	50.458	52.942
15)	B Endosulfa...	6.325	6.935	583.7E6	128.9E6	46.997m	49.915
16)	A 4,4'-DDD	6.176	6.848	519.8E6	125.6E6	46.472m	54.551
17)	MA 4,4'-DDT	6.418	7.146	564.2E6	112.4E6	51.809	54.012
18)	B Endrin al...	6.494	7.059	513.9E6	111.0E6	47.479	52.923
19)	B Endosulfa...	6.707	7.283	589.7E6	127.3E6	49.735	53.558
20)	A Methoxychlor	6.962	7.606	271.8E6	61038730	51.264	55.153
21)	B Endrin ke...	7.199	7.754	641.5E6	136.4E6	48.118	54.013
22)	Mirex	7.388	8.207	455.5E6	93821296	54.277	55.847

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022120\
Data File : PL056752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2020 20:25
Operator : AJ\MA
Sample : L1604-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

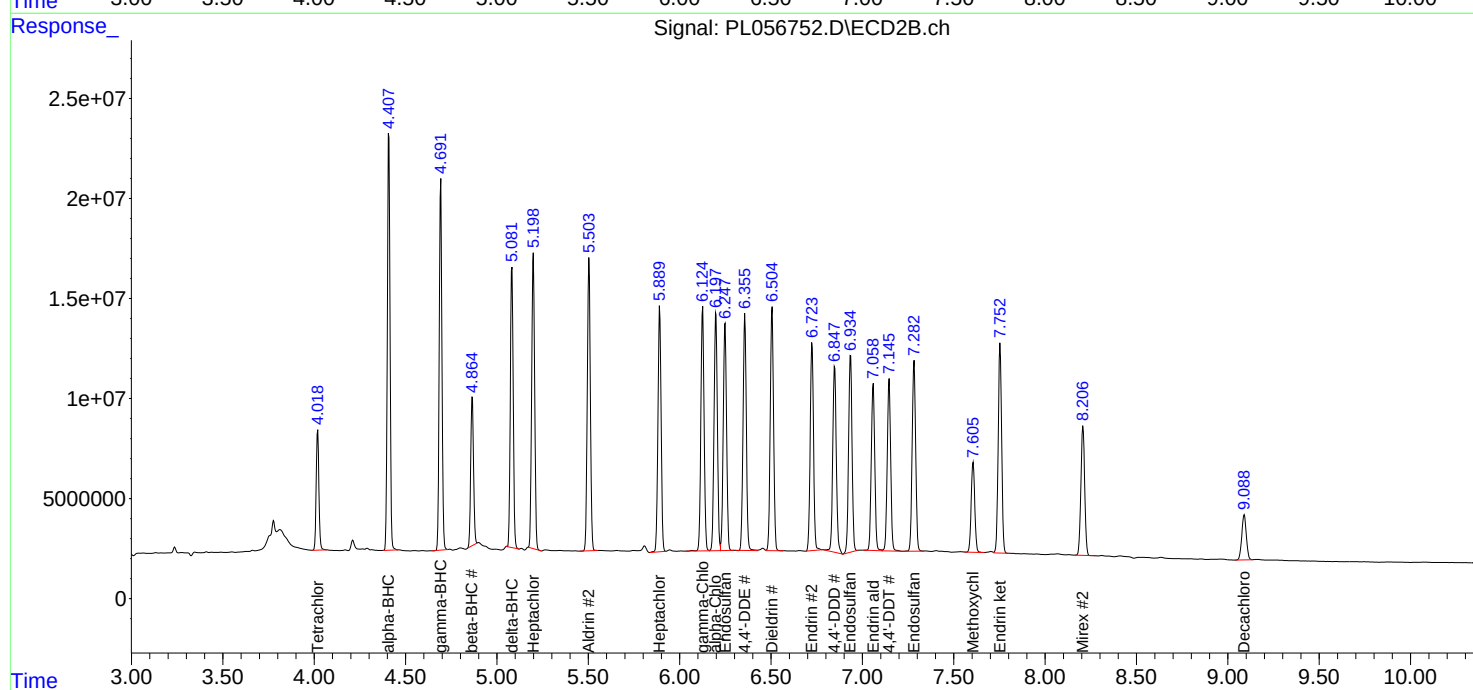
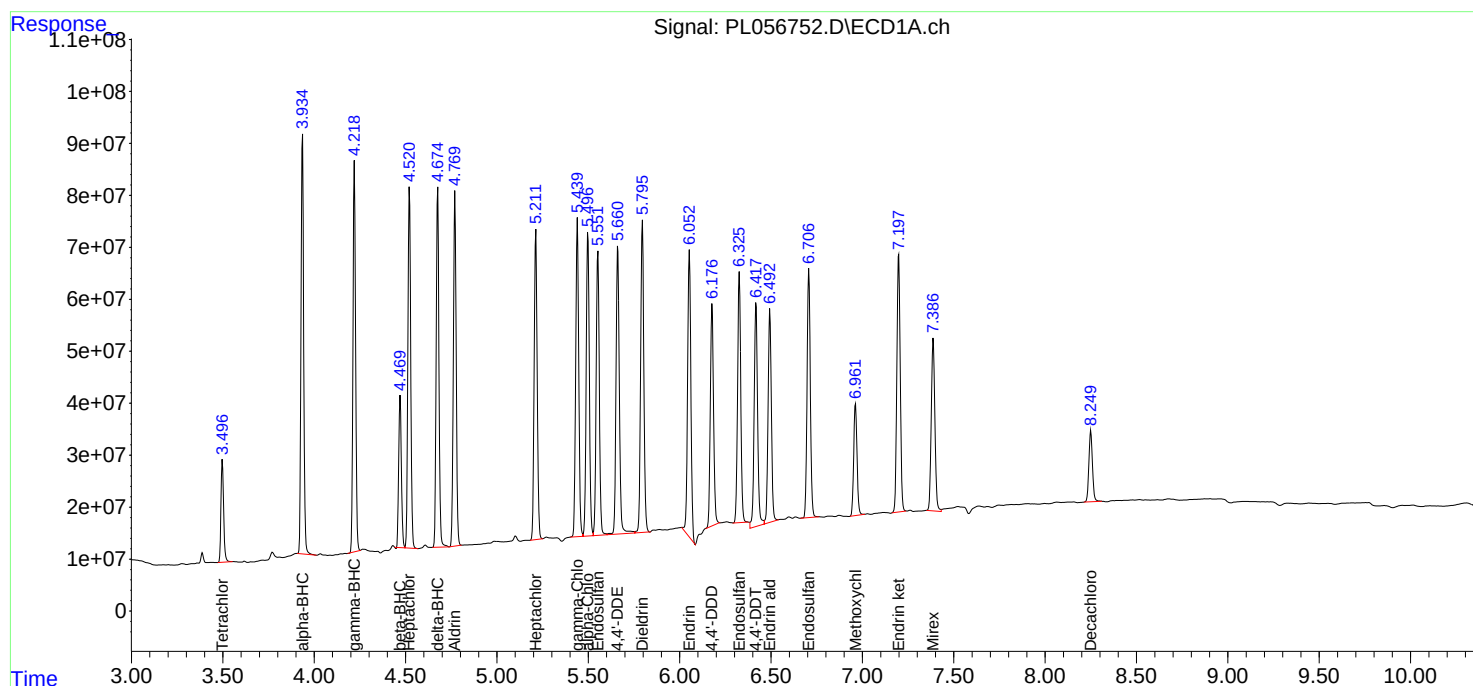
Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

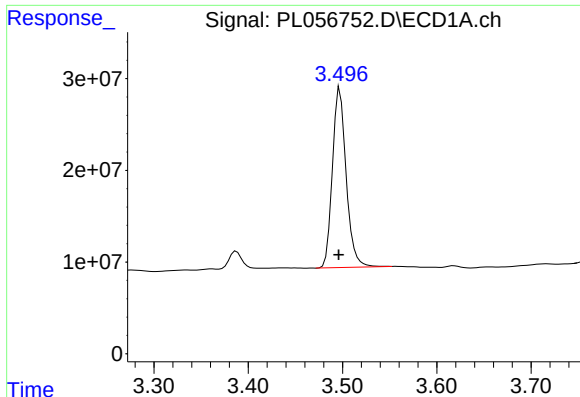
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 22:29:39 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
Quant Title : GC Extractables
QLast Update : Thu Feb 20 02:32:45 2020
Response 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





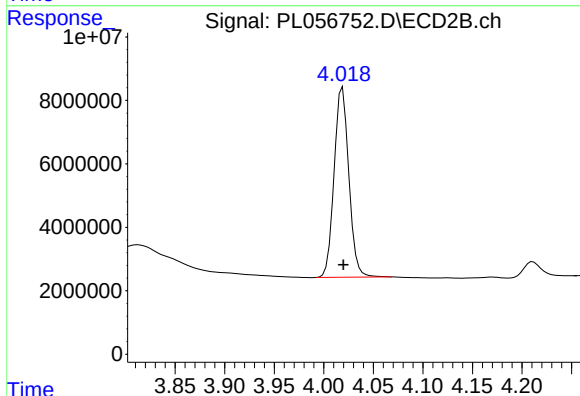
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.001 min
Response: 198032464
Conc: 22.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

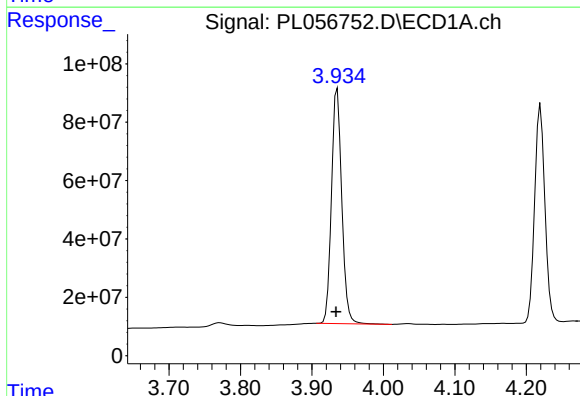
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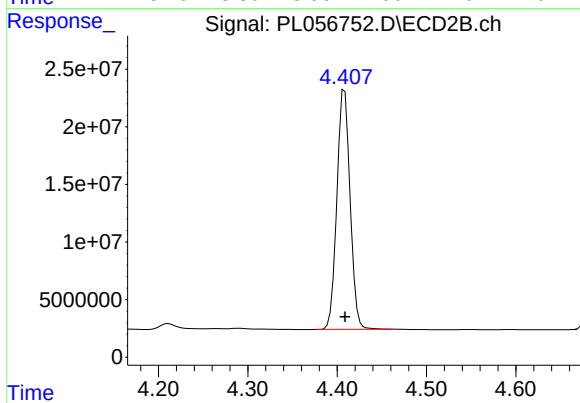
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 61910145
Conc: 24.85 ng/ml



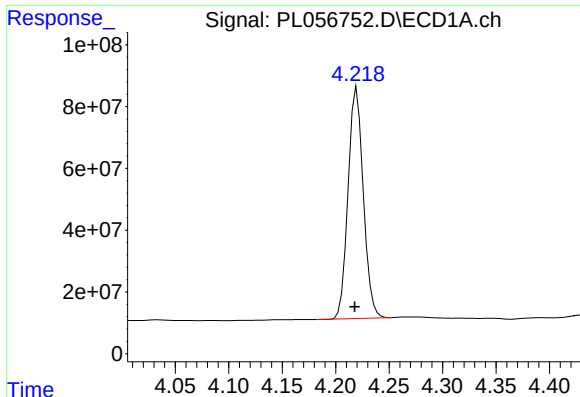
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 810277865
Conc: 51.33 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 213731042
Conc: 56.81 ng/ml



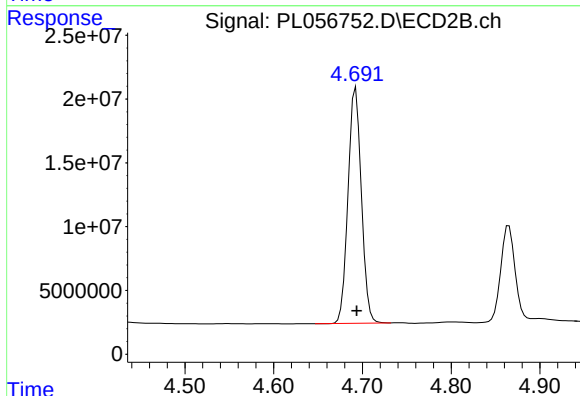
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 741531022
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

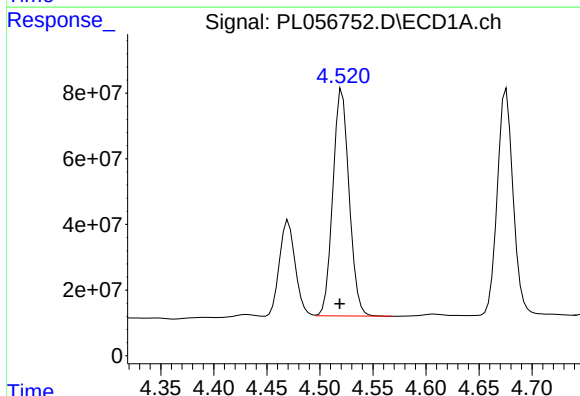
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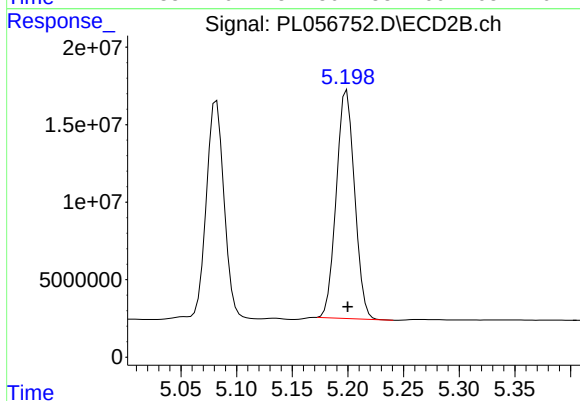
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 192742286
Conc: 55.97 ng/ml



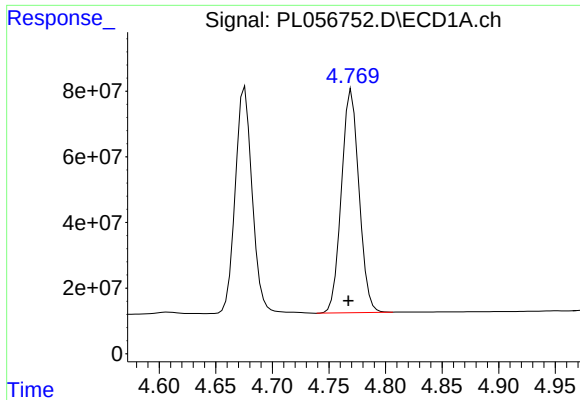
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 739889431
Conc: 50.18 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 168358376
Conc: 57.55 ng/ml



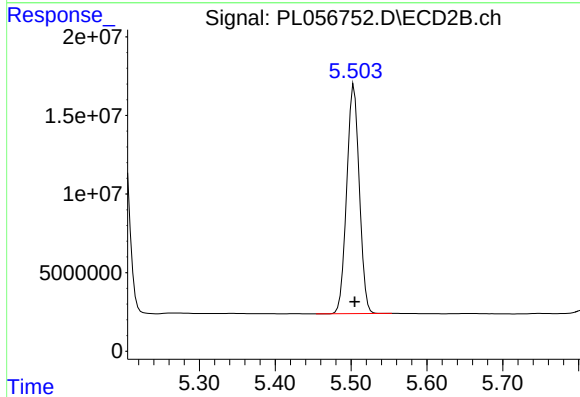
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.003 min
Response: 735313154
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

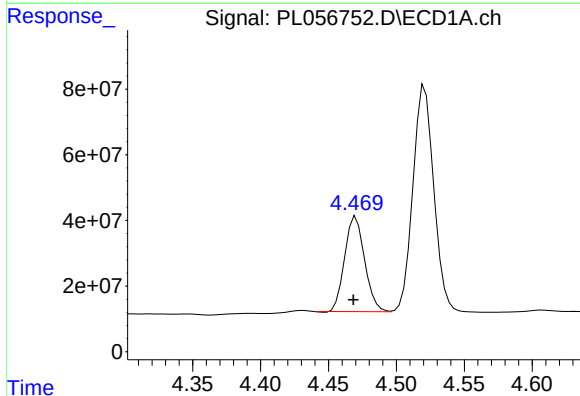
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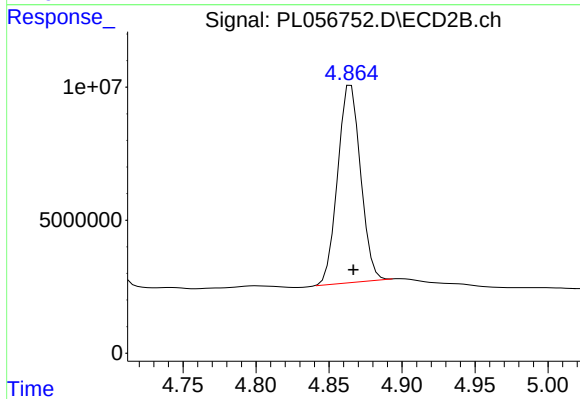
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 168090930
Conc: 53.71 ng/ml



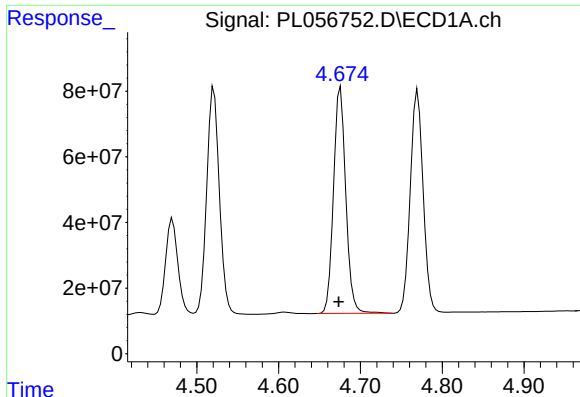
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.002 min
Response: 296784824
Conc: 51.21 ng/ml



#6 beta-BHC

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 80907709
Conc: 61.89 ng/ml



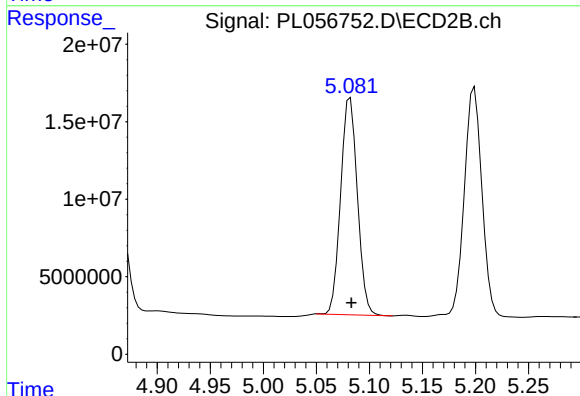
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.002 min
Response: 721303737
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

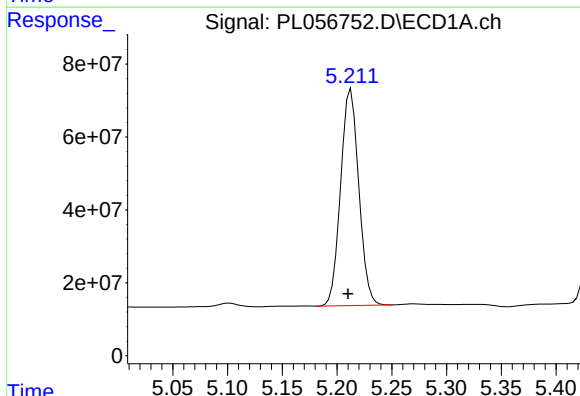
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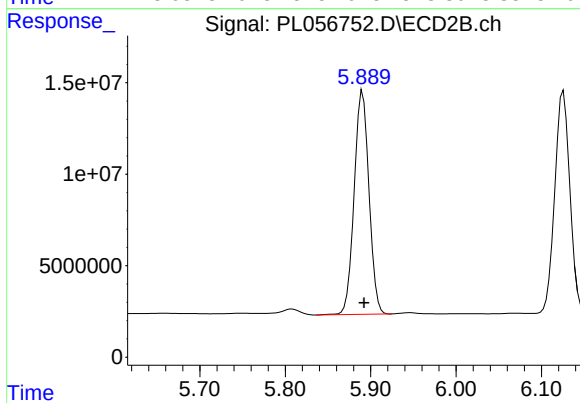
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 153511731
Conc: 50.42 ng/ml



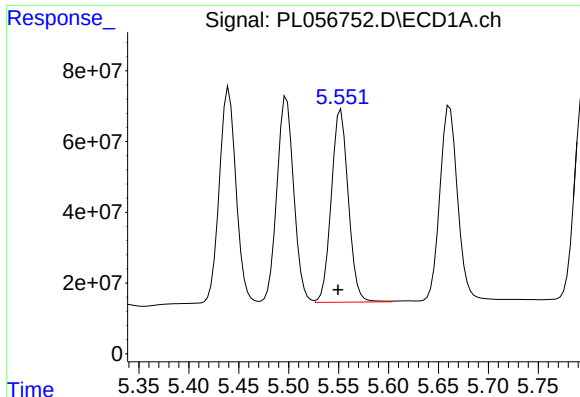
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 685791822
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 147238381
Conc: 50.36 ng/ml



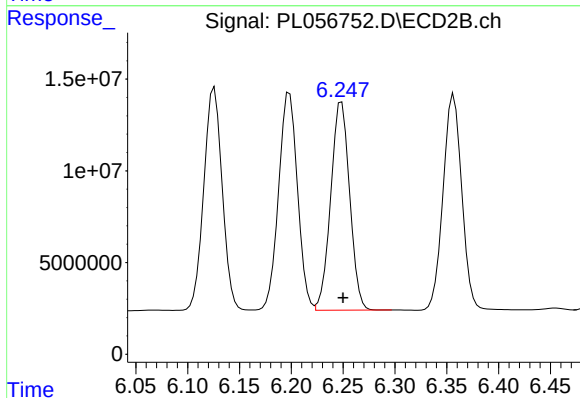
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: 0.003 min
Response: 646423232
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

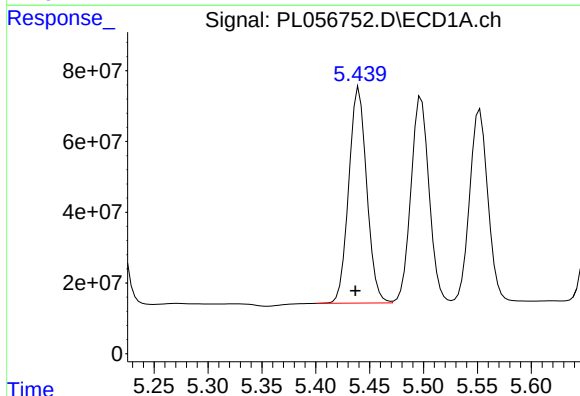
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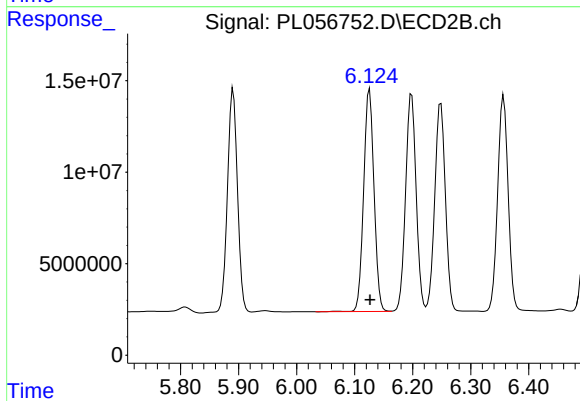
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 144283248
Conc: 53.41 ng/ml



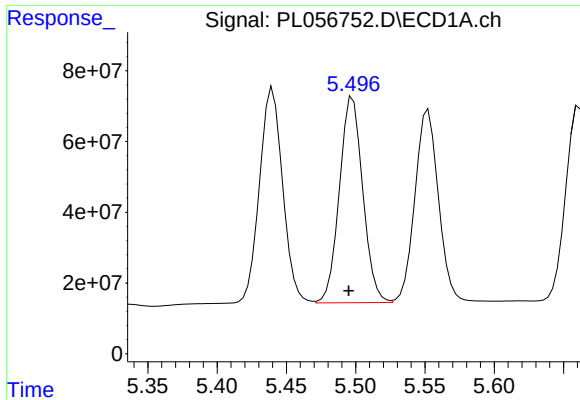
#10 gamma-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.003 min
Response: 708023087
Conc: 48.74 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 150980226
Conc: 52.64 ng/ml



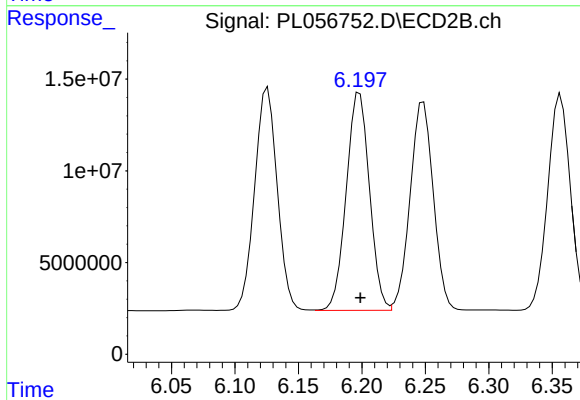
#11 alpha-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 683194957
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

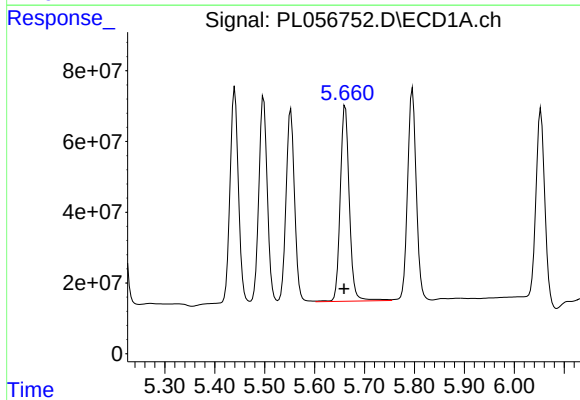
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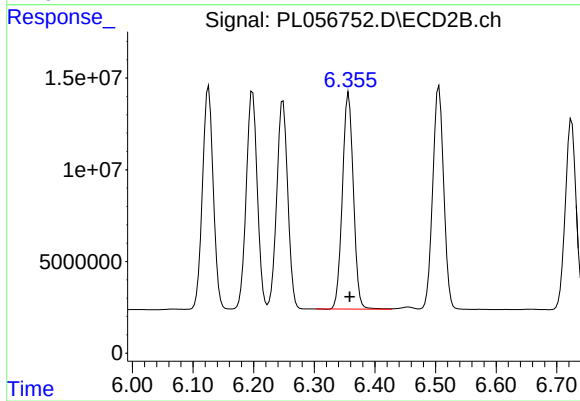
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 150862180
Conc: 53.02 ng/ml



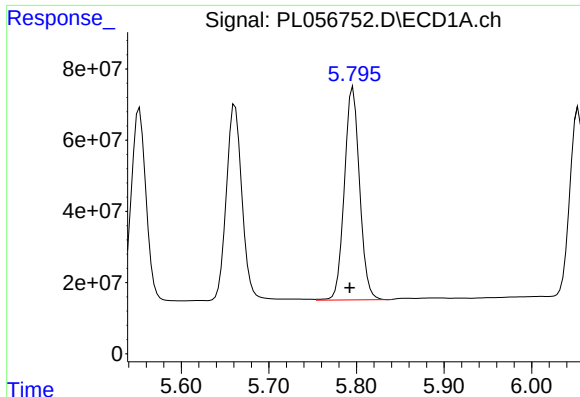
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 701780852
Conc: 49.89 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 148026689
Conc: 53.75 ng/ml



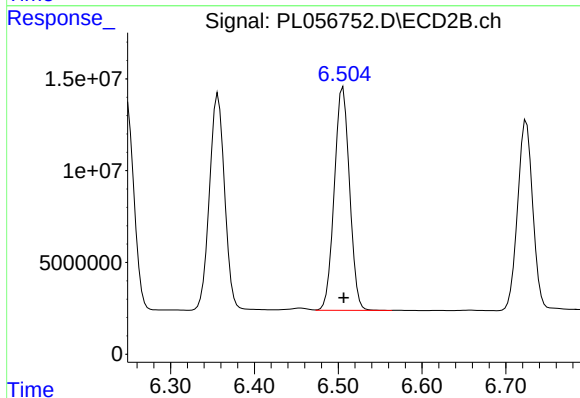
#13 Dieldrin

R.T.: 5.796 min
Delta R.T.: 0.004 min
Response: 721710453
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

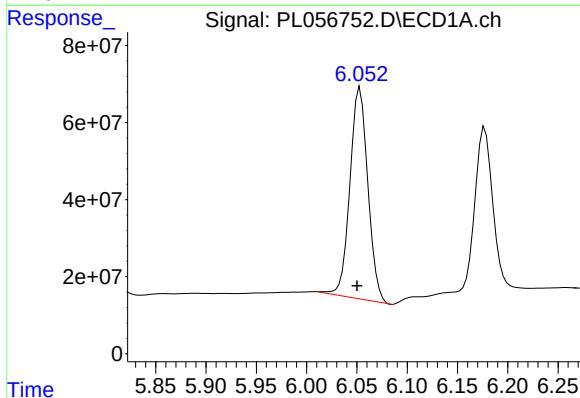
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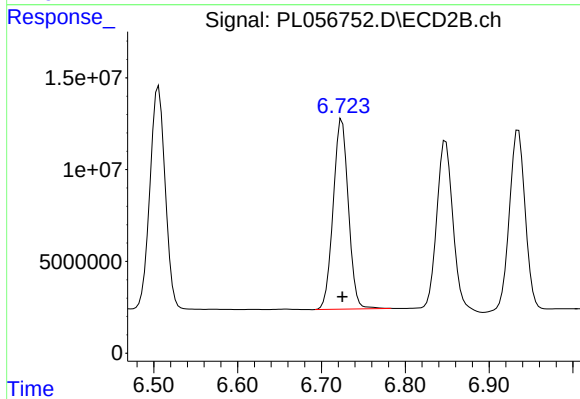
#13 Dieldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 153409492
Conc: 53.67 ng/ml



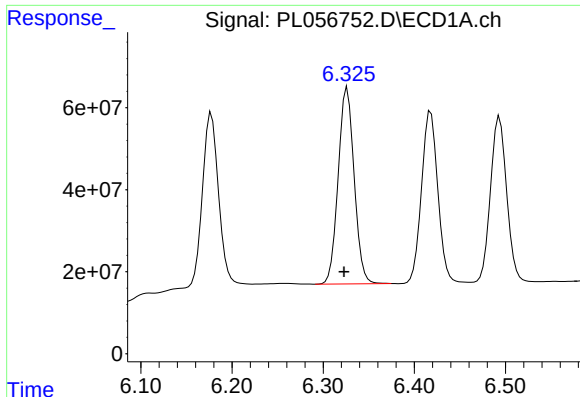
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 681037674
Conc: 50.46 ng/ml



#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 130419694
Conc: 52.94 ng/ml



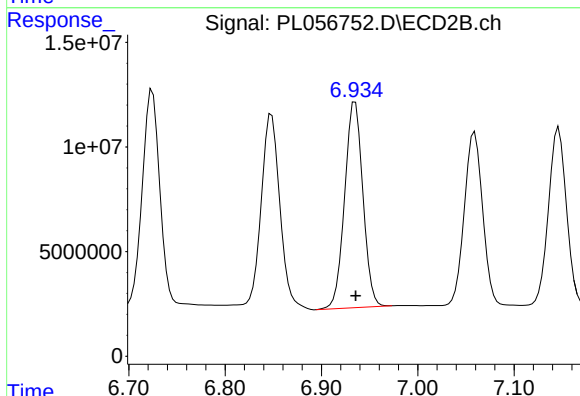
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 583672709
Conc: 47.00 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

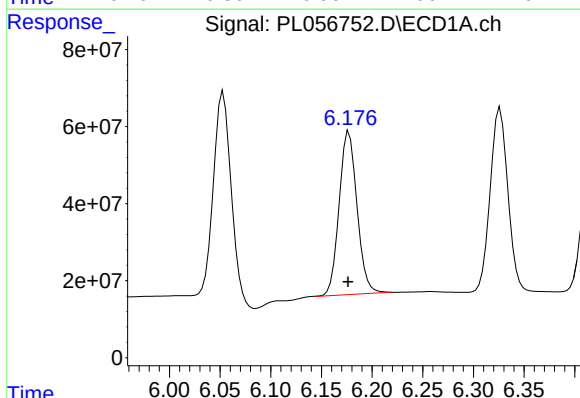
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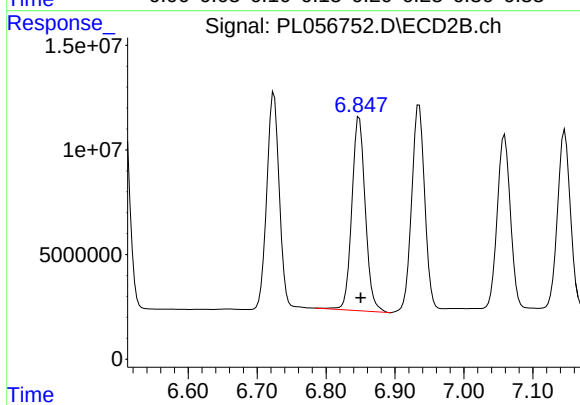
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 128912773
Conc: 49.92 ng/ml



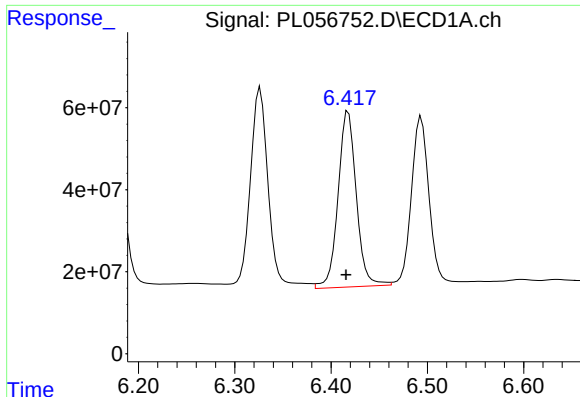
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 519801902
Conc: 46.47 ng/ml m



#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 125610360
Conc: 54.55 ng/ml



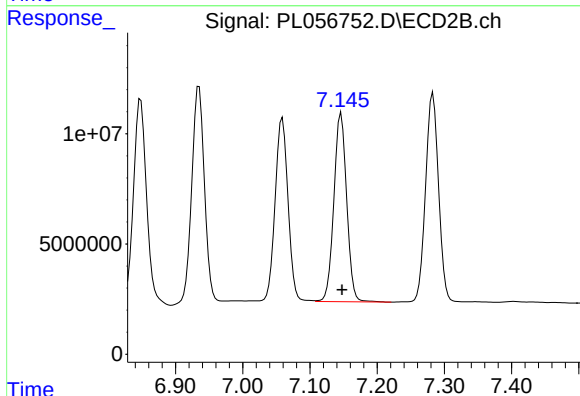
#17 4,4'-DDT

R.T.: 6.418 min
Delta R.T.: 0.002 min
Response: 564228966
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

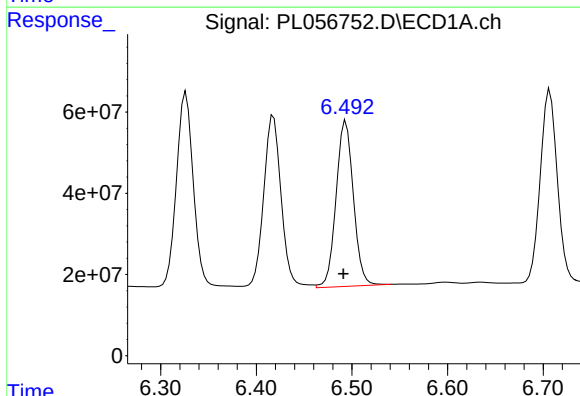
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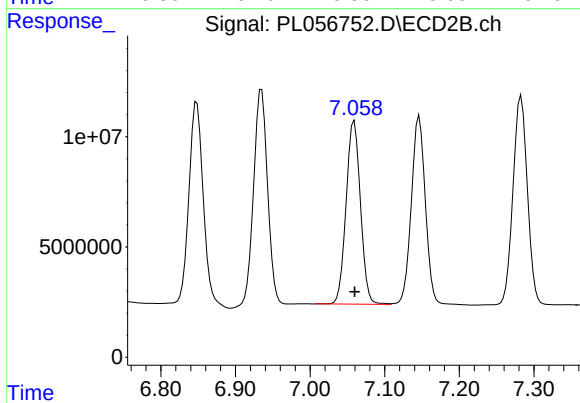
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: -0.001 min
Response: 112371612
Conc: 54.01 ng/ml



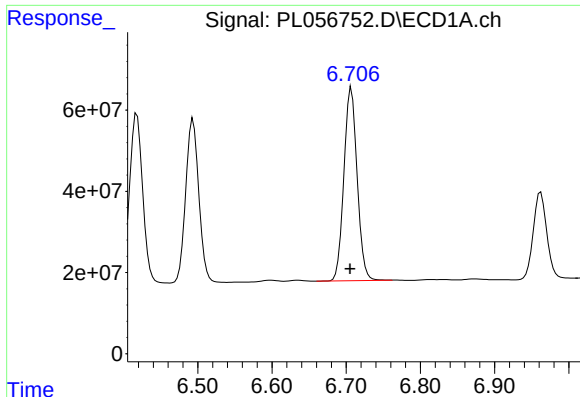
#18 Endrin aldehyde

R.T.: 6.494 min
Delta R.T.: 0.002 min
Response: 513939615
Conc: 47.48 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 111023781
Conc: 52.92 ng/ml



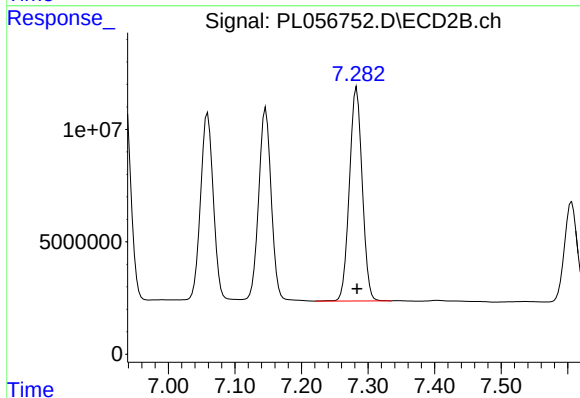
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 589696903
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

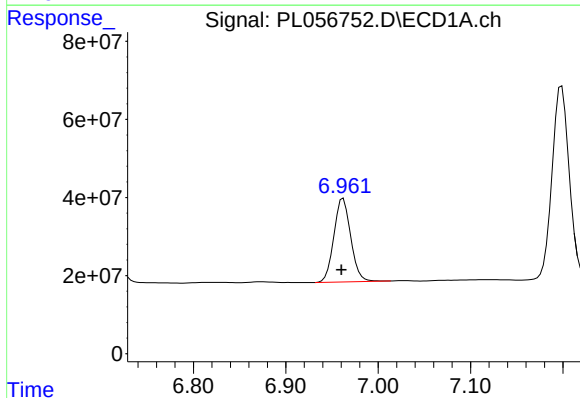
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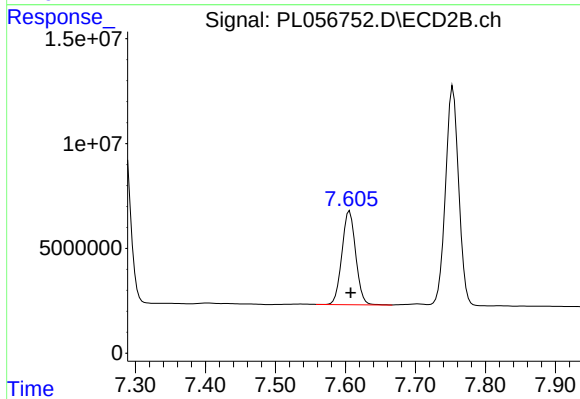
#19 Endosulfan Sulfate

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 127281182
Conc: 53.56 ng/ml



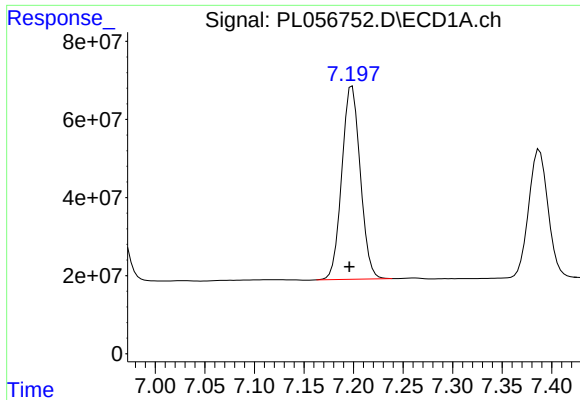
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 271818992
Conc: 51.26 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 61038730
Conc: 55.15 ng/ml



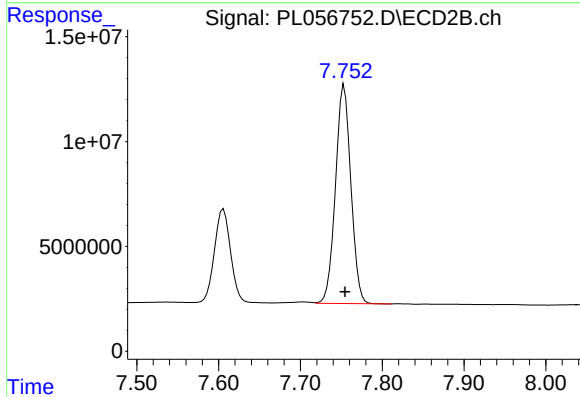
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.003 min
Response: 641499930
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

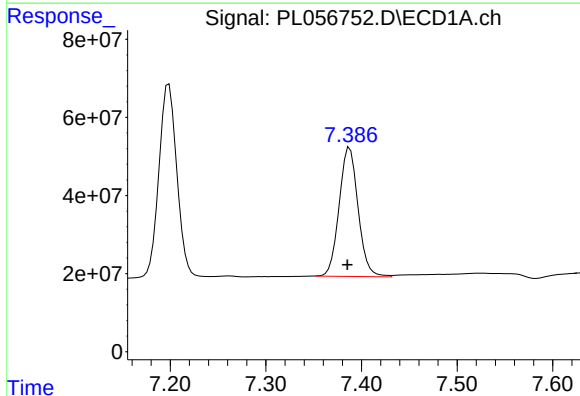
Manual Integrations
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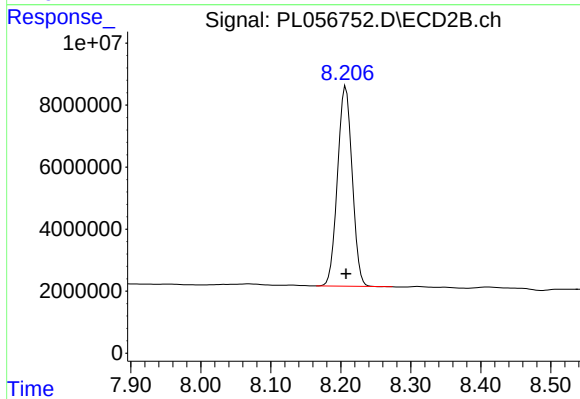
#21 Endrin ketone

R.T.: 7.754 min
Delta R.T.: -0.001 min
Response: 136401540
Conc: 54.01 ng/ml



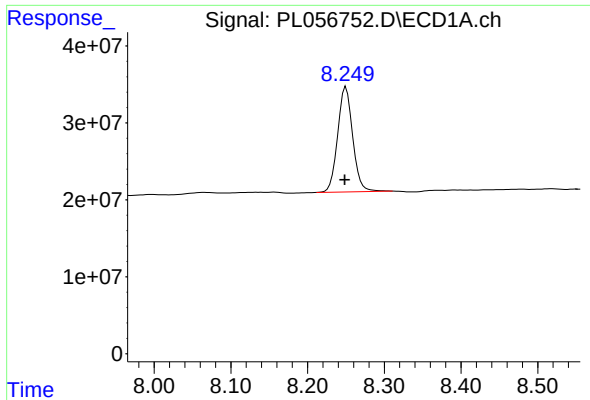
#22 Mirex

R.T.: 7.388 min
Delta R.T.: 0.003 min
Response: 455464030
Conc: 54.28 ng/ml



#22 Mirex

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 93821296
Conc: 55.85 ng/ml



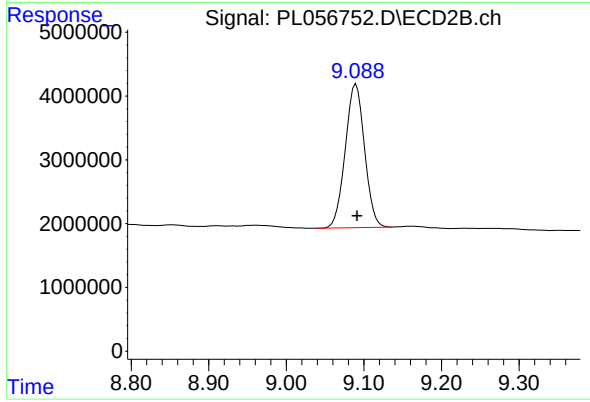
#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: 0.002 min
Response: 186416773
Conc: 15.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-SB-010203-5-52MSD

Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:48 AM



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: -0.001 min
Response: 38797882
Conc: 18.46 ng/ml