

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070518\
 Data File : PL037735.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2018 23:56
 Operator : UA\AJ
 Sample : J3845-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 GF-02MSD

Manual Integrations
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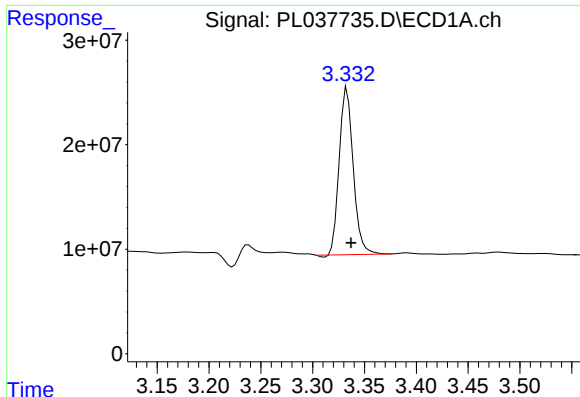
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 04:45:26 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 21 02:27:11 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.333	3.934	150.4E6	69816776	19.018	25.234m#
28)	SA Decachlor...	8.010	8.945	107.8E6	37203820	17.873	18.752
Target Compounds							
2)	A alpha-BHC	3.763	4.314	650.7E6	241.2E6	53.149	62.167
3)	MA gamma-BHC...	4.040	4.594	574.4E6	213.8E6	55.686	61.891
4)	MA Heptachlor	4.325	5.105	552.1E6	199.9E6	53.890	57.847
5)	MB Aldrin	4.564	5.407	544.8E6	180.5E6	53.521	57.529
6)	B beta-BHC	4.294	4.755	247.4E6	95783877	54.240	59.394
7)	B delta-BHC	4.489	4.970	556.3E6	188.0E6	52.589	66.664 #
8)	B Heptachlo...	5.003	5.787	509.9E6	161.6E6	54.432	56.680
9)	A Endosulfan I	5.334	6.140	443.5E6	140.8E6	52.415	54.912
10)	B gamma-Chl...	5.225	6.020	496.9E6	153.6E6	53.057	54.532
11)	B alpha-Chl...	5.282	6.093	477.8E6	157.2E6	52.612	54.612
12)	B 4,4'-DDE	5.451	6.249	461.1E6	138.2E6	52.207	54.312
13)	MA Dieldrin	5.574	6.393	462.8E6	147.6E6	52.272	55.306
14)	MA Endrin	5.827	6.608	420.8E6	125.0E6	53.413	54.386
15)	B Endosulfa...	6.102	6.811	383.9E6	130.8E6	52.209	52.733
16)	A 4,4'-DDD	5.961	6.730	369.5E6	114.9E6	56.264m	55.957
17)	MA 4,4'-DDT	6.197	7.029	325.6E6	106.1E6	50.426	50.072
18)	B Endrin al...	6.270	6.932	288.0E6	103.9E6	51.575	51.648m
19)	B Endosulfa...	6.481	7.156	342.1E6	116.0E6	51.130	53.296
20)	A Methoxychlor	6.746	7.484	165.7E6	59475576	48.744	53.134
21)	B Endrin ke...	6.964	7.620	358.0E6	121.7E6	50.342	59.967

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



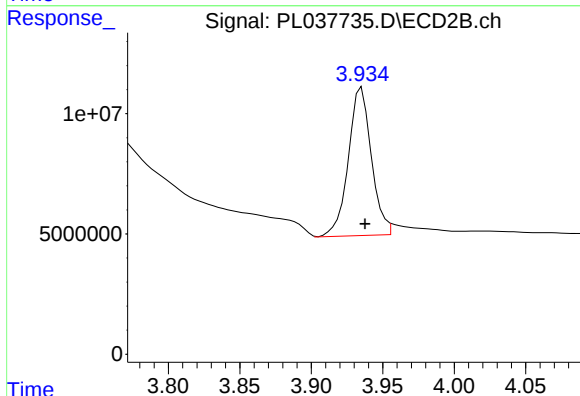
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.004 min
Response: 150435862
Conc: 19.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

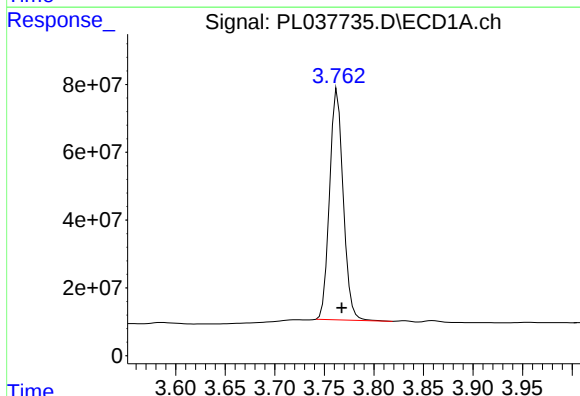
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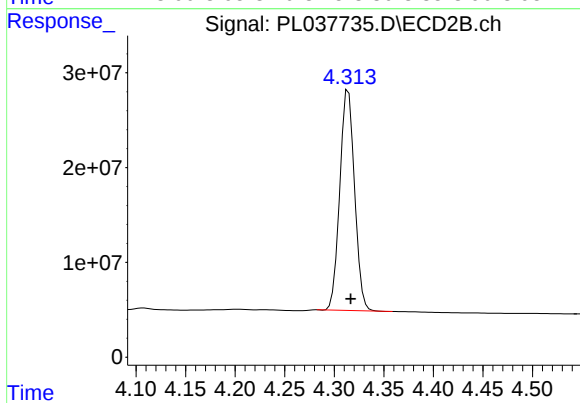
#1 Tetrachloro-m-xylene

R.T.: 3.934 min
Delta R.T.: -0.004 min
Response: 69816776
Conc: 25.23 ng/ml m



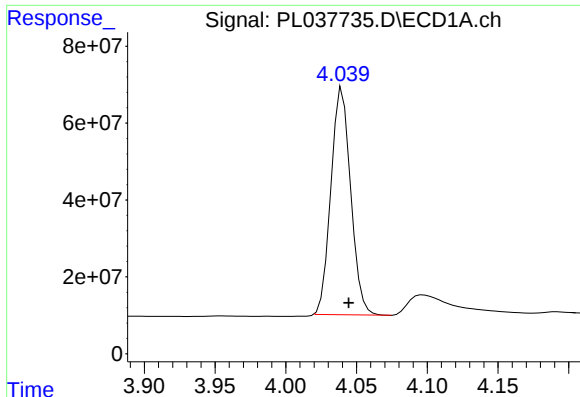
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.004 min
Response: 650701408
Conc: 53.15 ng/ml



#2 alpha-BHC

R.T.: 4.314 min
Delta R.T.: -0.002 min
Response: 241221909
Conc: 62.17 ng/ml



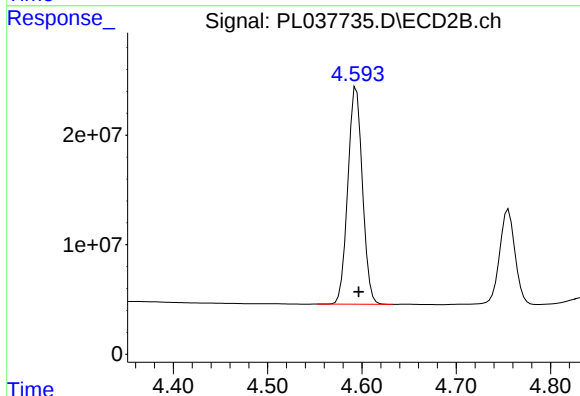
#3 gamma-BHC (Lindane)

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 574388876
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

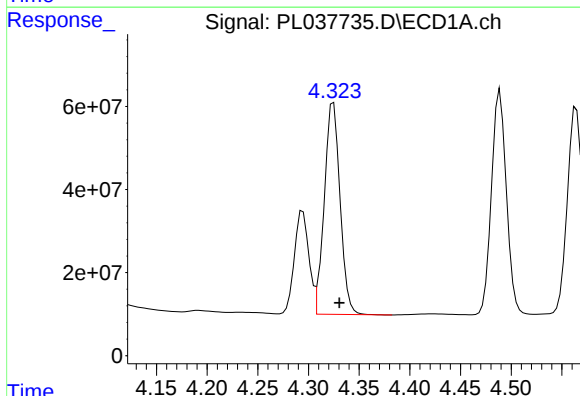
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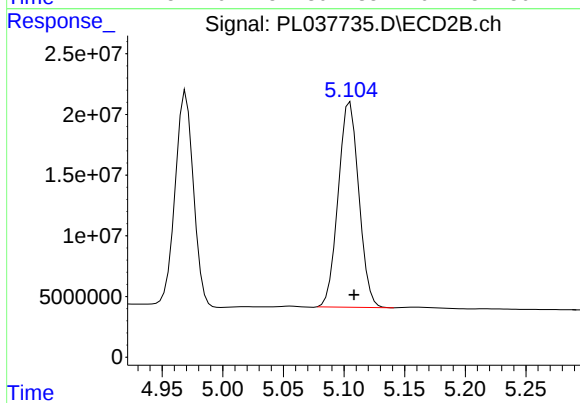
#3 gamma-BHC (Lindane)

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 213755927
Conc: 61.89 ng/ml



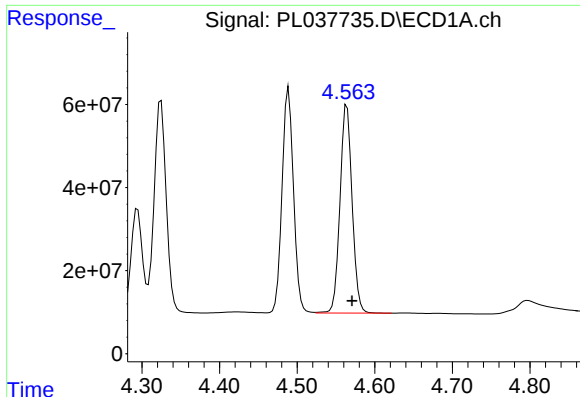
#4 Heptachlor

R.T.: 4.325 min
Delta R.T.: -0.006 min
Response: 552120784
Conc: 53.89 ng/ml



#4 Heptachlor

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 199942682
Conc: 57.85 ng/ml



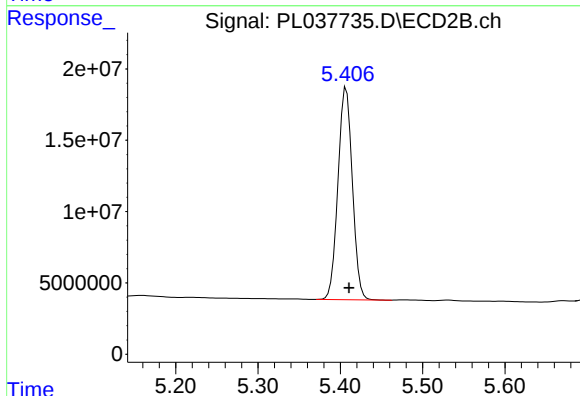
#5 Aldrin

R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 544772152
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

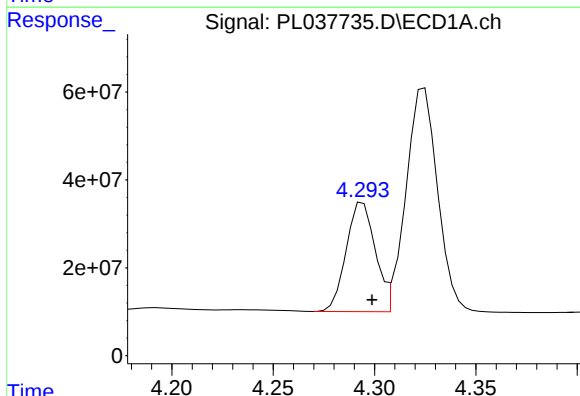
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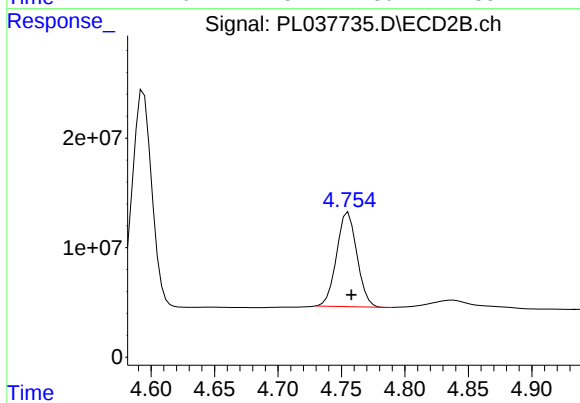
#5 Aldrin

R.T.: 5.407 min
Delta R.T.: -0.004 min
Response: 180480317
Conc: 57.53 ng/ml



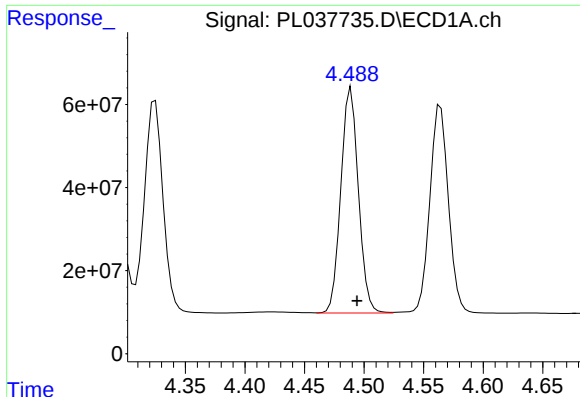
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.004 min
Response: 247382529
Conc: 54.24 ng/ml



#6 beta-BHC

R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 95783877
Conc: 59.39 ng/ml



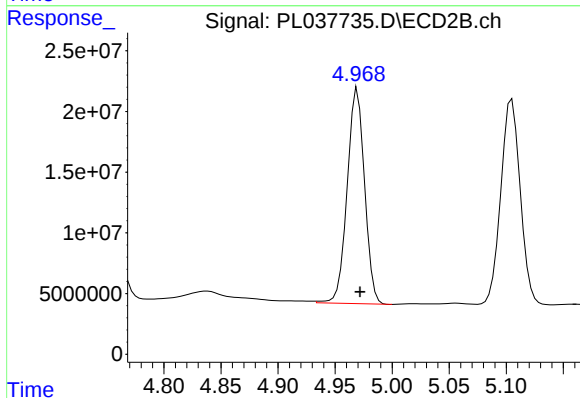
#7 delta-BHC

R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 556338913
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

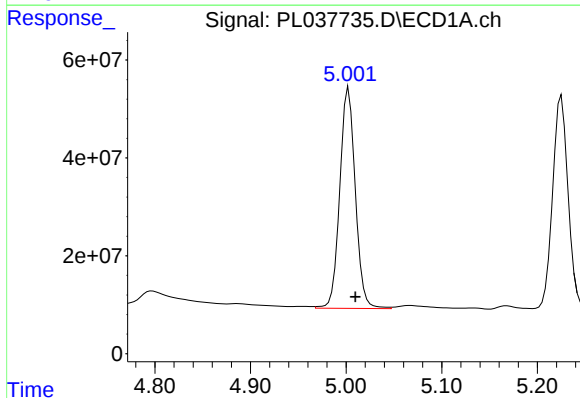
Manual Integrations
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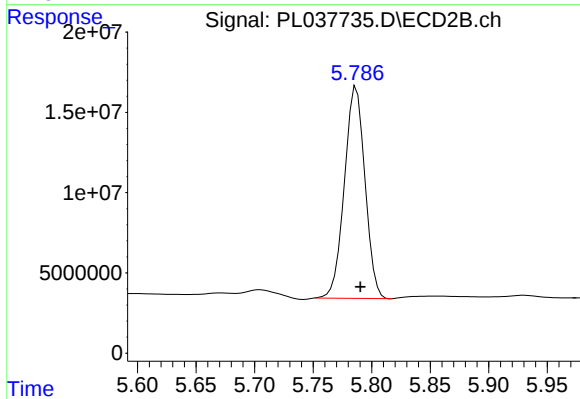
#7 delta-BHC

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 188008898
Conc: 66.66 ng/ml



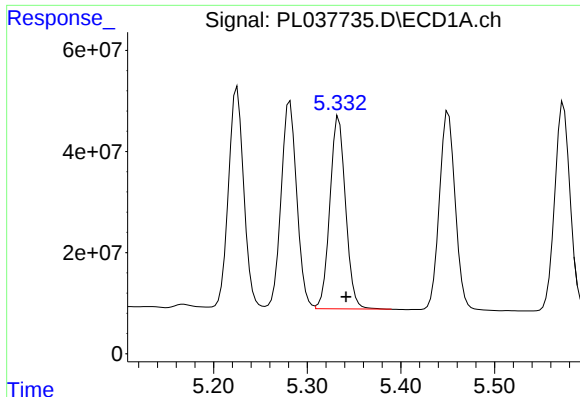
#8 Heptachlor epoxide

R.T.: 5.003 min
Delta R.T.: -0.007 min
Response: 509866064
Conc: 54.43 ng/ml



#8 Heptachlor epoxide

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 161575768
Conc: 56.68 ng/ml



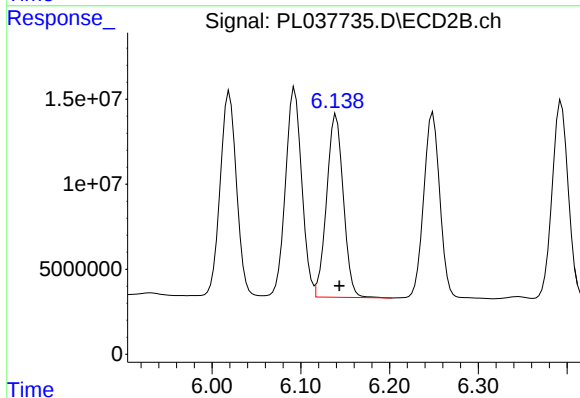
#9 Endosulfan I

R.T.: 5.334 min
Delta R.T.: -0.008 min
Response: 443476924
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

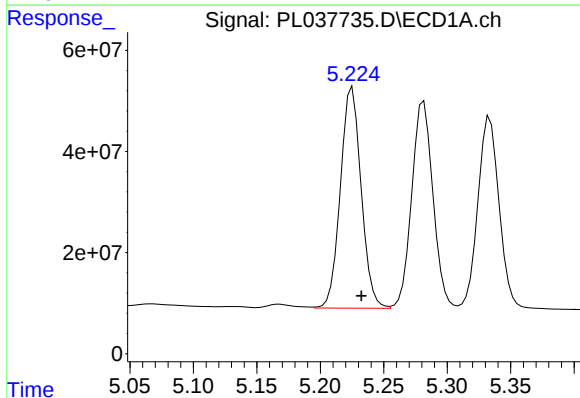
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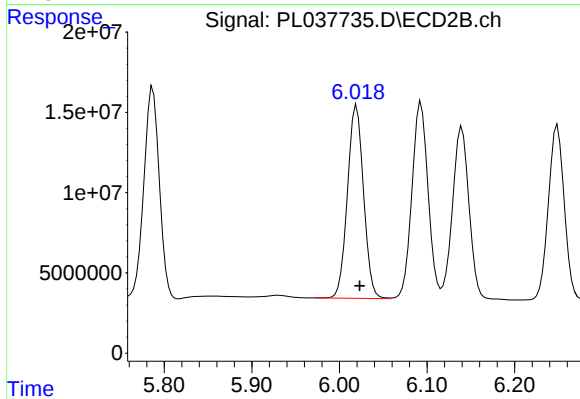
#9 Endosulfan I

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 140839747
Conc: 54.91 ng/ml



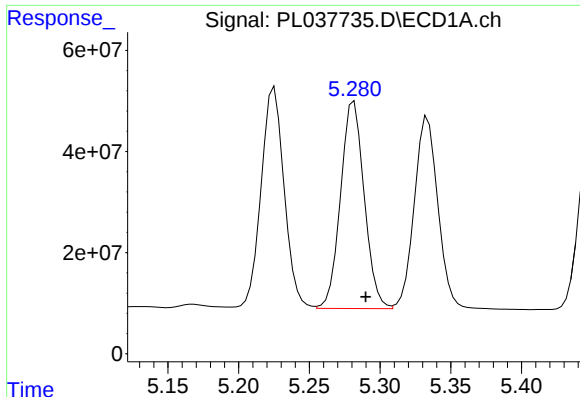
#10 gamma-Chlordane

R.T.: 5.225 min
Delta R.T.: -0.007 min
Response: 496947539
Conc: 53.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 153584916
Conc: 54.53 ng/ml



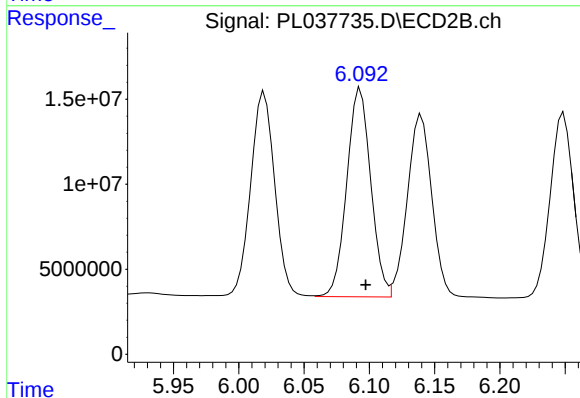
#11 alpha-Chlordane

R.T.: 5.282 min
Delta R.T.: -0.008 min
Response: 477790823
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

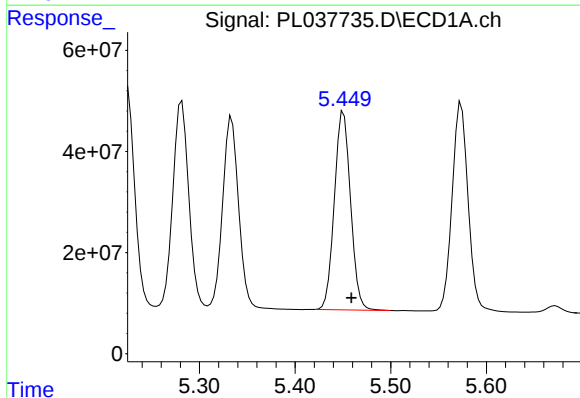
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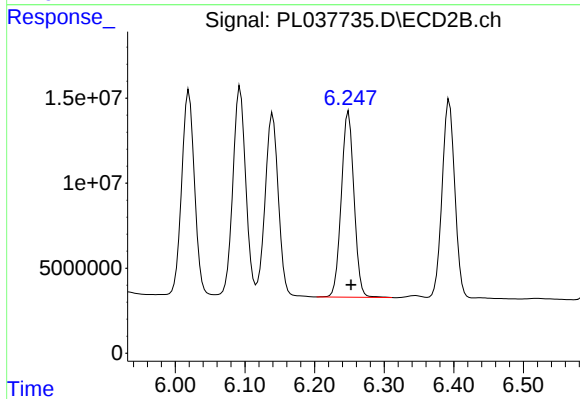
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 157190211
Conc: 54.61 ng/ml



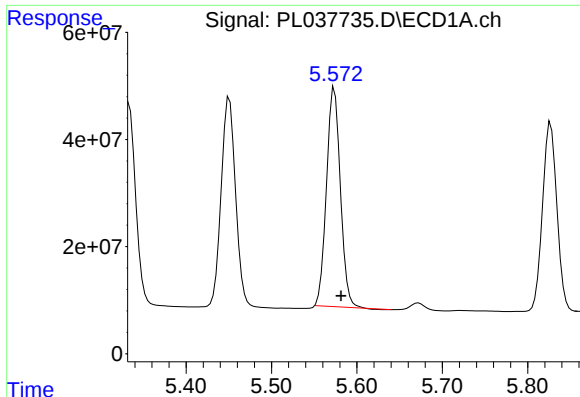
#12 4,4'-DDE

R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 461123920
Conc: 52.21 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 138205801
Conc: 54.31 ng/ml



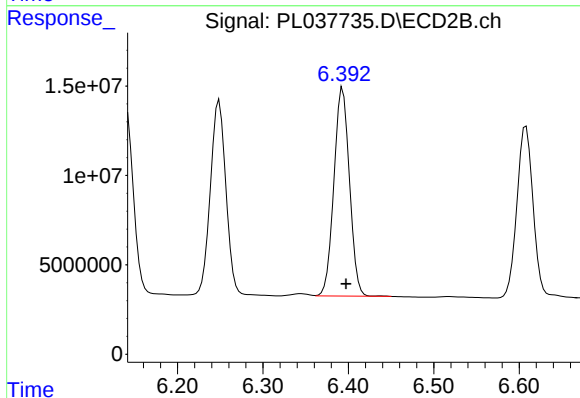
#13 Dieldrin

R.T.: 5.574 min
Delta R.T.: -0.008 min
Response: 462773167
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

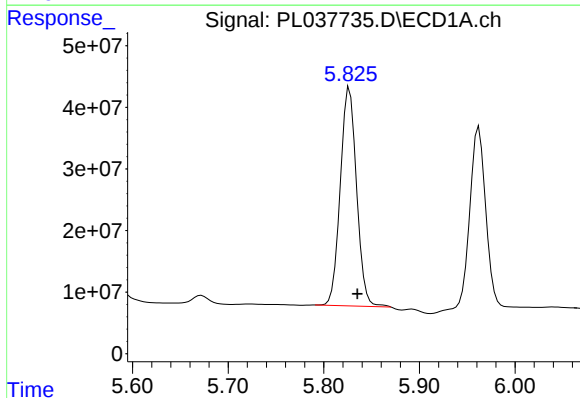
Manual Integrations
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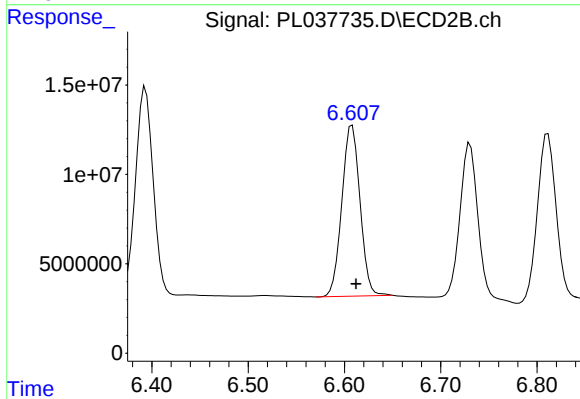
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.004 min
Response: 147625084
Conc: 55.31 ng/ml



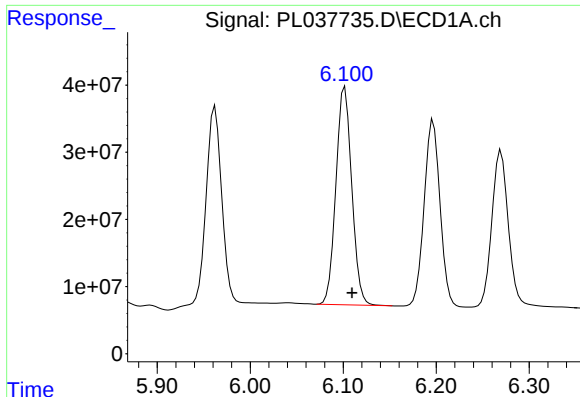
#14 Endrin

R.T.: 5.827 min
Delta R.T.: -0.008 min
Response: 420760882
Conc: 53.41 ng/ml



#14 Endrin

R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 125048469
Conc: 54.39 ng/ml



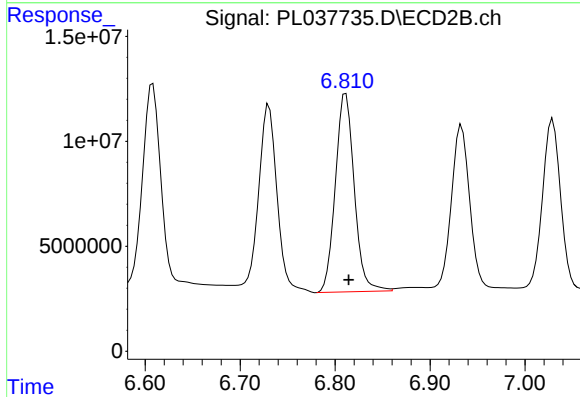
#15 Endosulfan II

R.T.: 6.102 min
Delta R.T.: -0.008 min
Response: 383918830
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

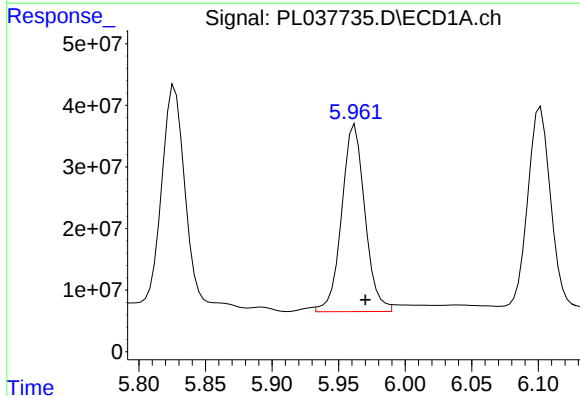
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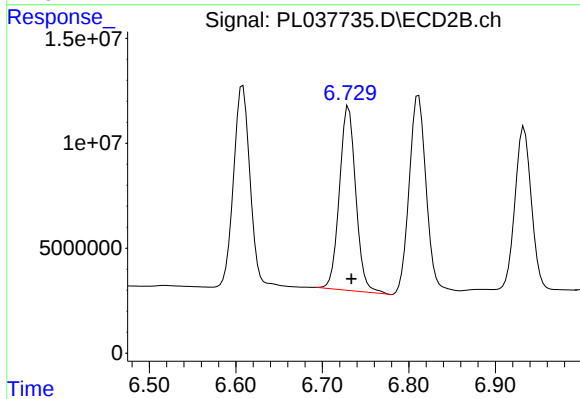
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.003 min
Response: 130781839
Conc: 52.73 ng/ml



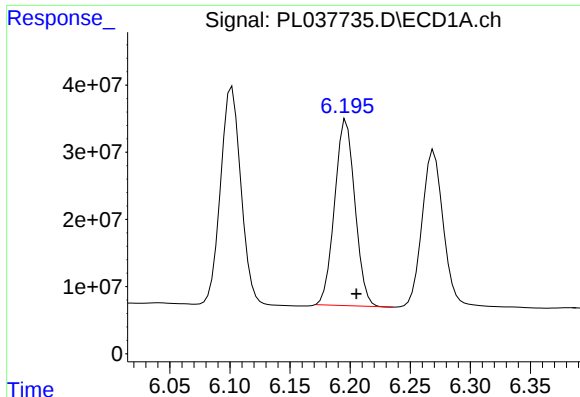
#16 4,4'-DDD

R.T.: 5.961 min
Delta R.T.: -0.009 min
Response: 369489473
Conc: 56.26 ng/ml m



#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 114862199
Conc: 55.96 ng/ml



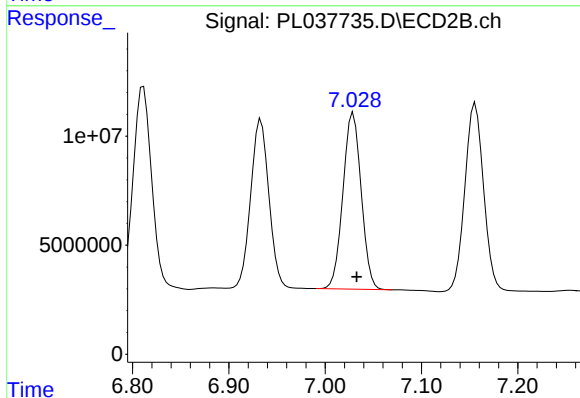
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 325568064
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

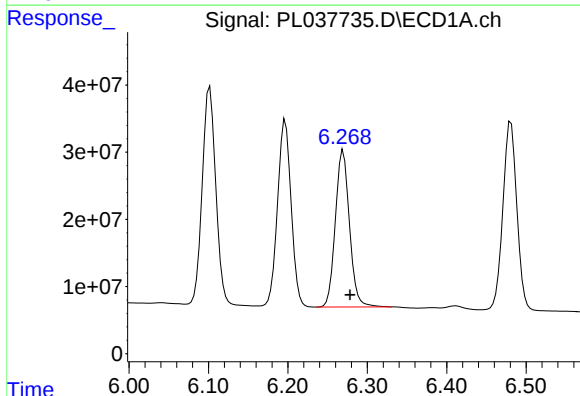
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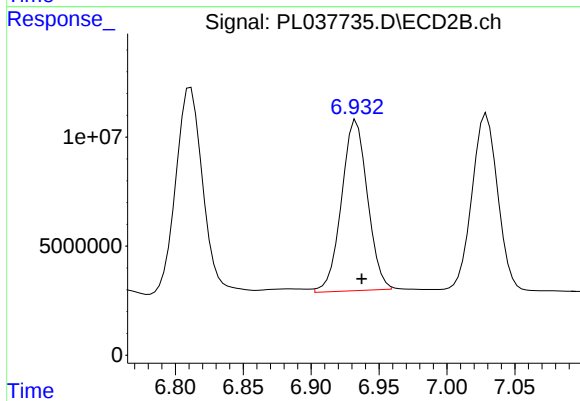
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 106060575
Conc: 50.07 ng/ml



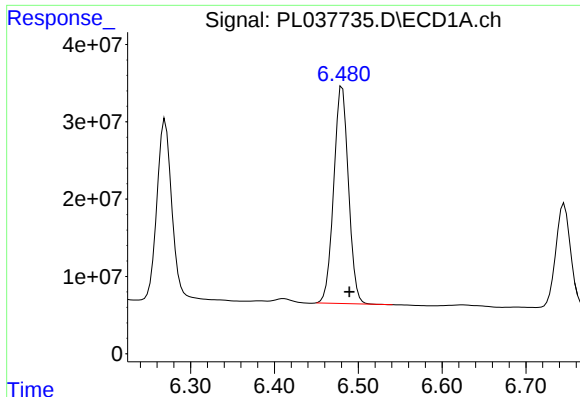
#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: -0.009 min
Response: 288020098
Conc: 51.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.005 min
Response: 103930001
Conc: 51.65 ng/ml m



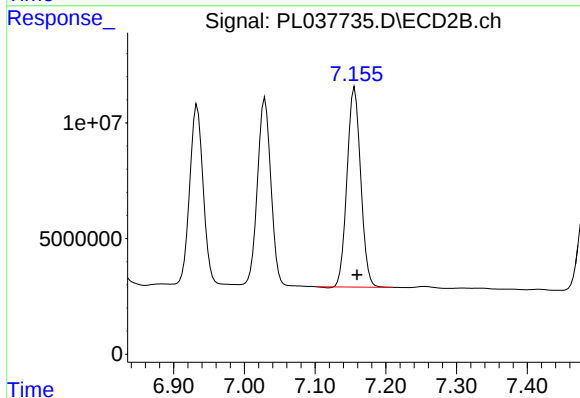
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.008 min
Response: 342062902
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

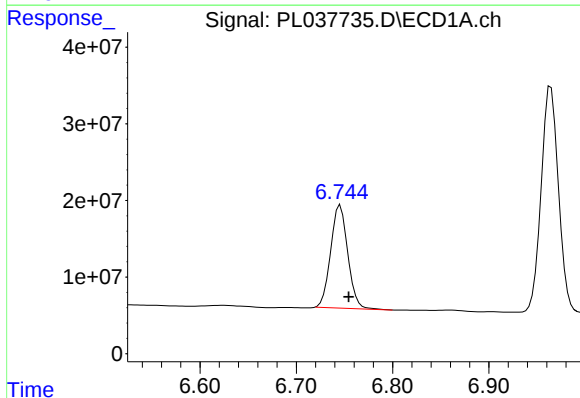
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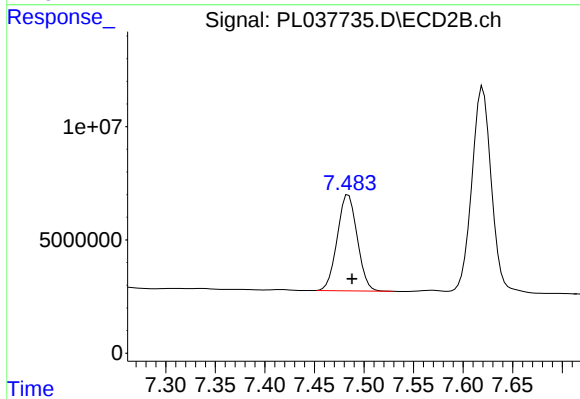
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 115994911
Conc: 53.30 ng/ml



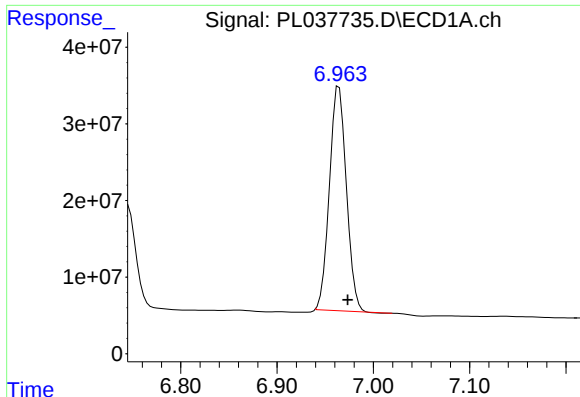
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 165679112
Conc: 48.74 ng/ml



#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 59475576
Conc: 53.13 ng/ml



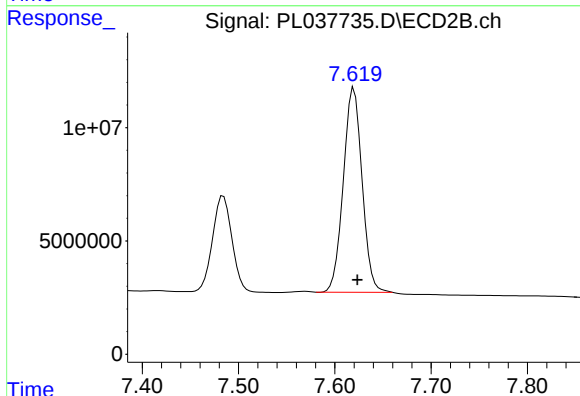
#21 Endrin ketone

R.T.: 6.964 min
Delta R.T.: -0.009 min
Response: 358011535
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
GF-02MSD

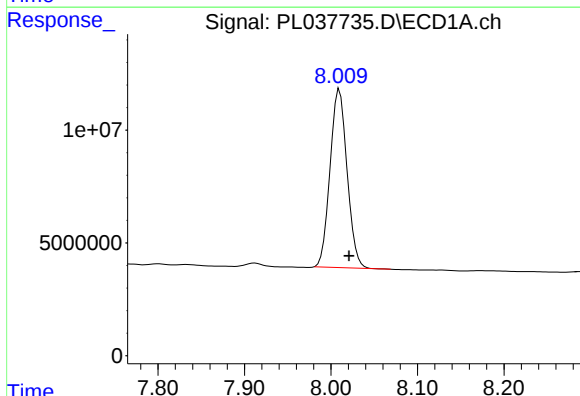
Manual Integrations
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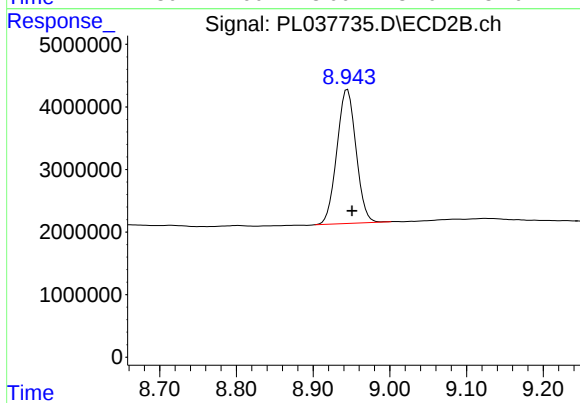
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 121711764
Conc: 59.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.010 min
Delta R.T.: -0.011 min
Response: 107844638
Conc: 17.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: -0.006 min
Response: 37203820
Conc: 18.75 ng/ml