

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080219\
 Data File : PL051003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2019 19:54
 Operator : SM\AJ
 Sample : K4131-16MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1S-E1-E4-COMP-(30)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 22:51:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.318	3.928	188.5E6	47236063	18.763	16.555
28)	SA Decachlor...	7.978	8.956	150.5E6	37715310	14.860	13.337
Target Compounds							
2)	A alpha-BHC	3.745	4.316	847.8E6	211.3E6	50.594	51.209
3)	MA gamma-BHC...	4.020	4.599	798.2E6	203.6E6	51.892	52.568
4)	MA Heptachlor	4.304	5.101	815.6E6	197.5E6	49.708	47.633
5)	MB Aldrin	4.542	5.402	731.9E6	176.8E6	47.248	46.927
6)	B beta-BHC	4.275	4.776	333.0E6	93799516	50.795	54.255
7)	B delta-BHC	4.468	4.989	728.6E6	168.7E6	44.405	43.610
8)	B Heptachlo...	4.978	5.789	743.2E6	176.6E6	50.308	46.179
9)	A Endosulfan I	5.309	6.144	590.3E6	162.8E6	40.590	47.334
10)	B gamma-Chl...	5.200	6.021	769.6E6	171.5E6	48.763	46.407m
11)	B alpha-Chl...	5.256	6.094	729.3E6	172.7E6	47.805	47.129
12)	B 4,4'-DDE	5.423	6.253	690.8E6	141.6E6	46.095	39.299
13)	MA Dieldrin	5.547	6.400	773.4E6	171.3E6	49.910	48.387
14)	MA Endrin	5.800	6.617	743.5E6	150.8E6	50.510	48.608
15)	B Endosulfa...	6.075	6.829	616.3E6	156.2E6	44.040	49.142
16)	A 4,4'-DDD	5.934	6.745	537.7E6	132.2E6	44.869	49.642
17)	MA 4,4'-DDT	6.168	7.041	516.7E6	125.1E6	41.719	46.358
18)	B Endrin al...	6.241	6.952	485.3E6	119.5E6	42.065	43.963m
19)	B Endosulfa...	6.453	7.176	539.8E6	136.7E6	42.372	47.329
20)	A Methoxychlor	6.713	7.502	288.4E6	77639246	46.221	52.914
21)	B Endrin ke...	6.934	7.644	602.1E6	152.5E6	44.022	52.742
22)	Mirex	7.107	8.093	331.5E6	96900726	33.816	42.186

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080219\
Data File : PL051003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 19:54
Operator : SM\AJ
Sample : K4131-16MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

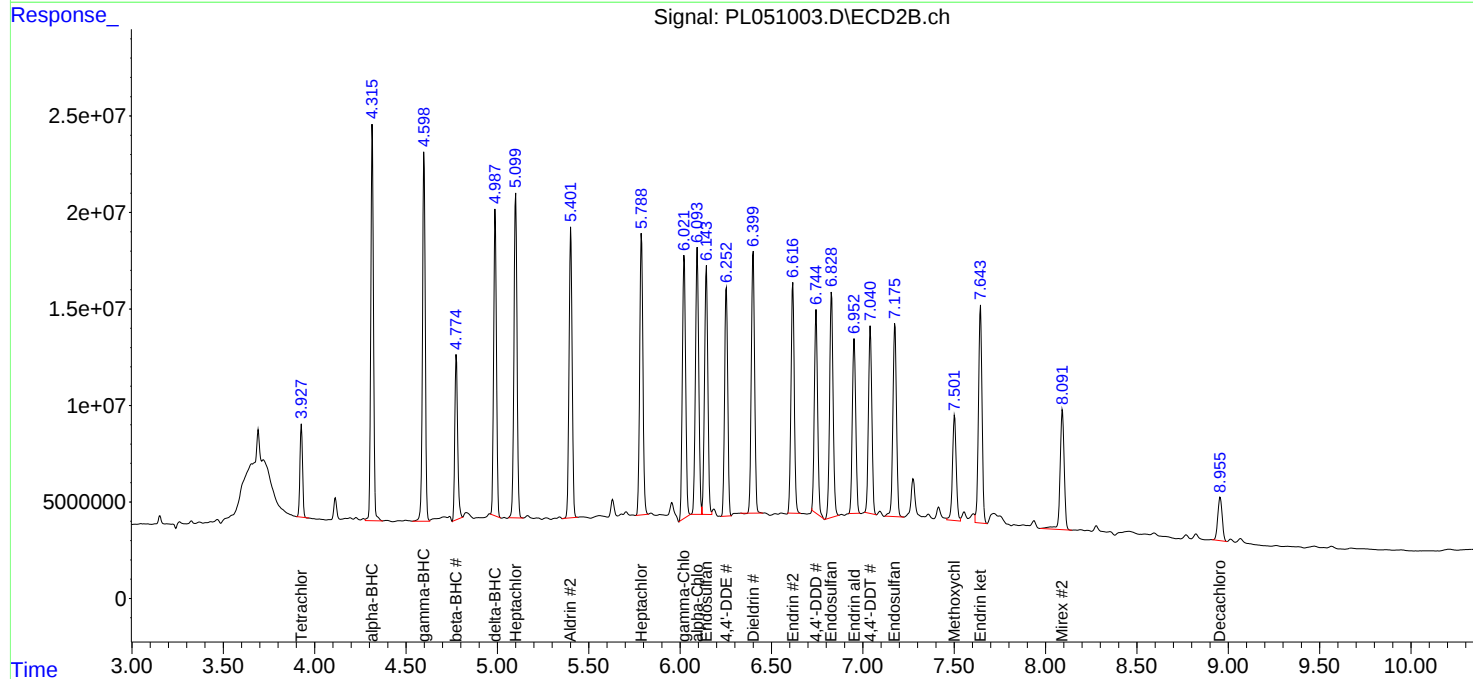
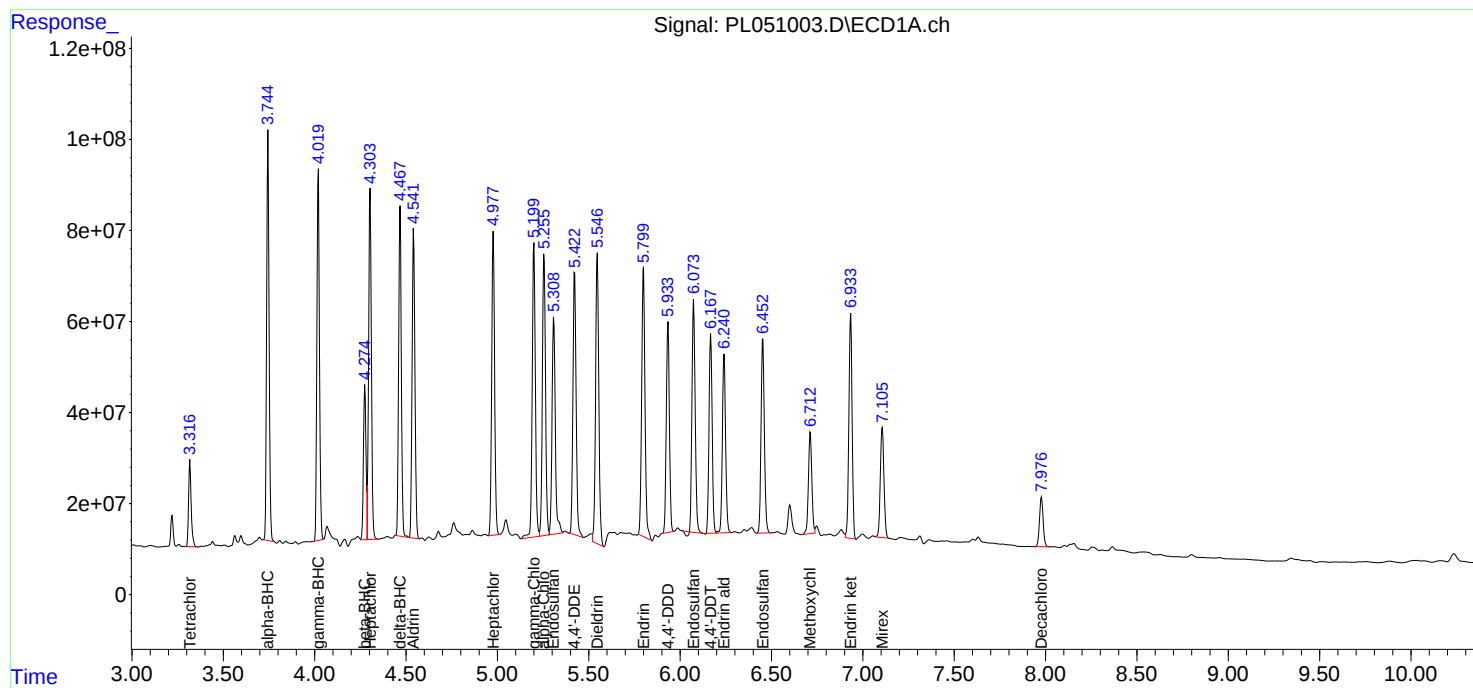
Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

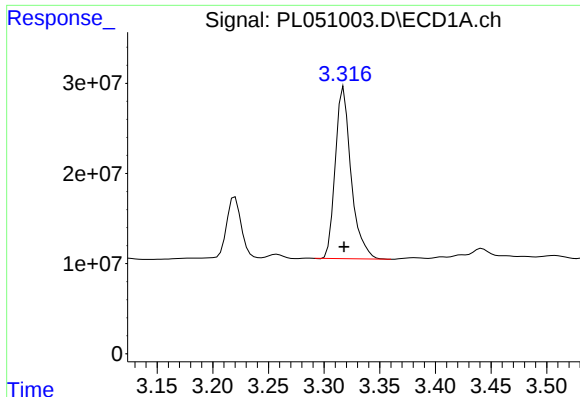
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 22:51:20 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
Response 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





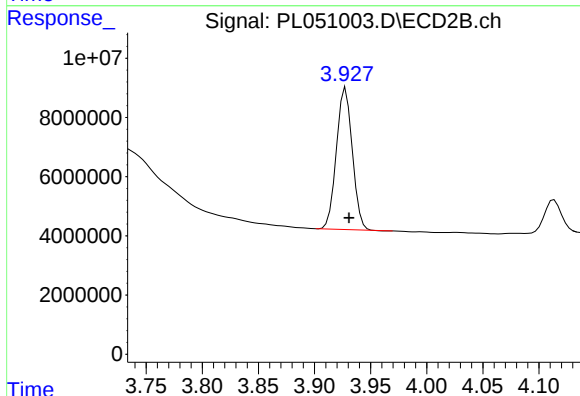
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 188532645
Conc: 18.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

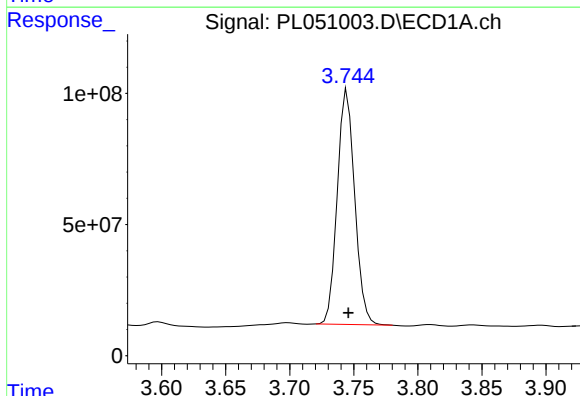
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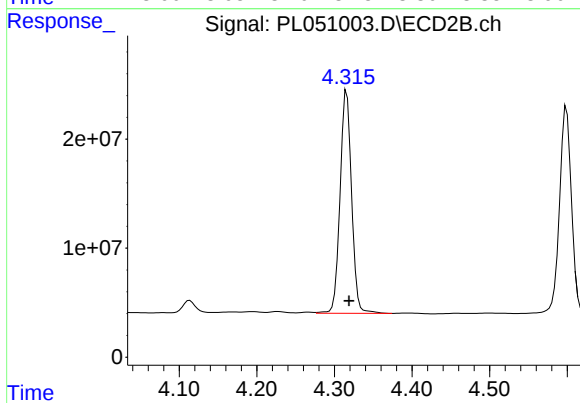
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 47236063
Conc: 16.56 ng/ml



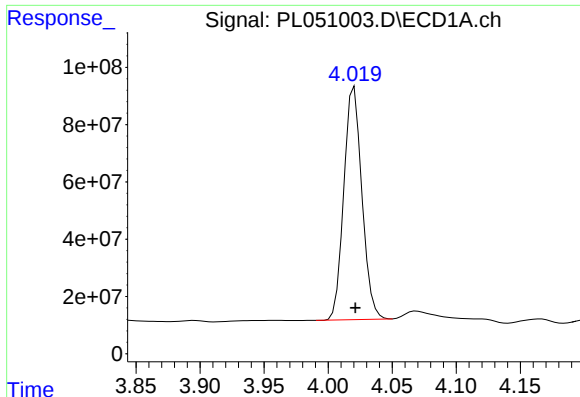
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 847833734
Conc: 50.59 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 211287092
Conc: 51.21 ng/ml



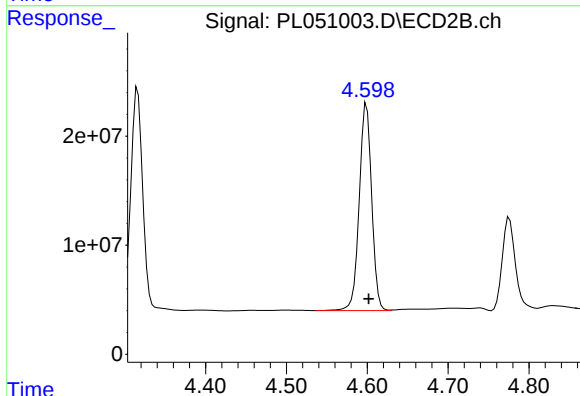
#3 gamma-BHC (Lindane)

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 798187832
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

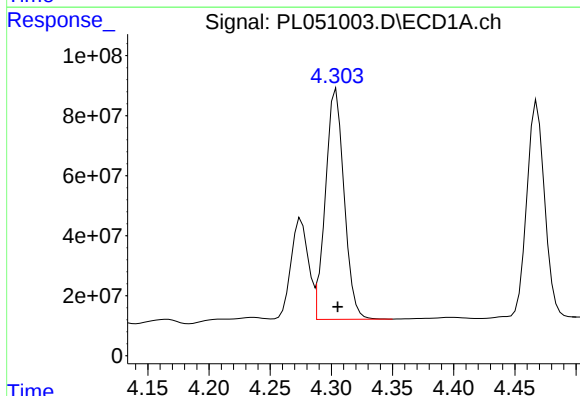
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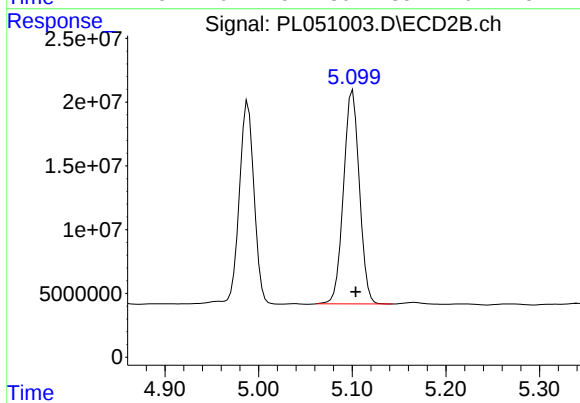
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 203606434
Conc: 52.57 ng/ml



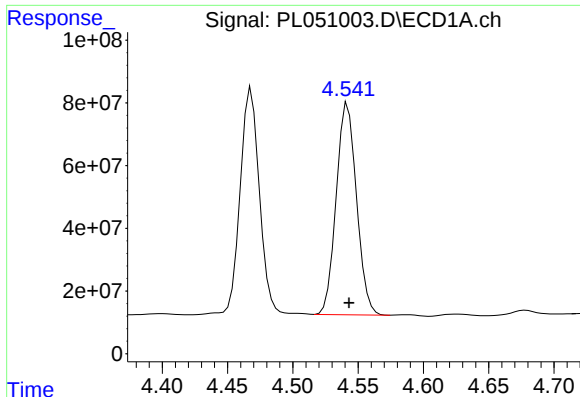
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: -0.001 min
Response: 815600117
Conc: 49.71 ng/ml



#4 Heptachlor

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 197518986
Conc: 47.63 ng/ml



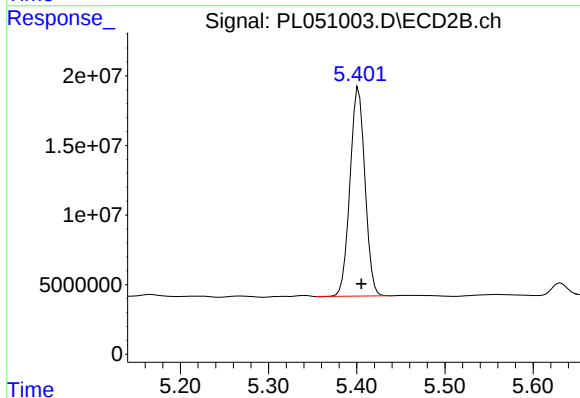
#5 Aldrin

R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 731947795
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

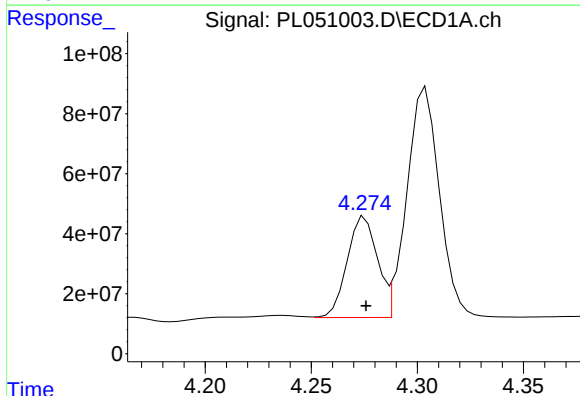
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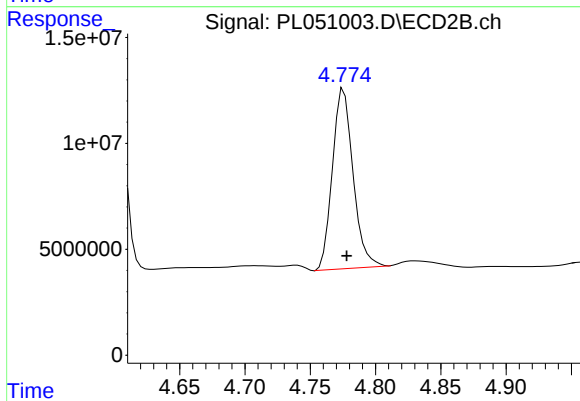
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 176836817
Conc: 46.93 ng/ml



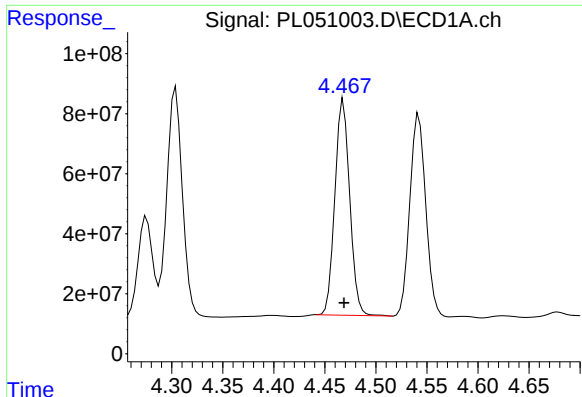
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 333002767
Conc: 50.79 ng/ml



#6 beta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 93799516
Conc: 54.26 ng/ml



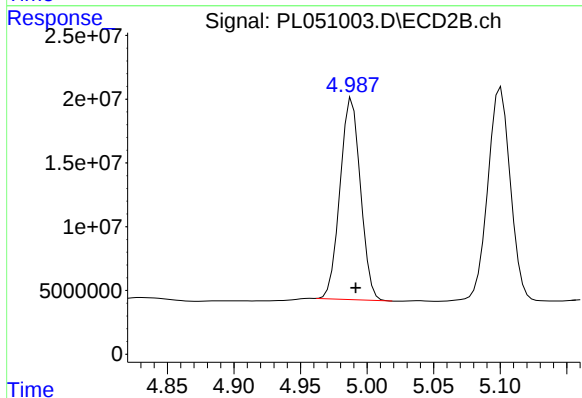
#7 delta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 728636061
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

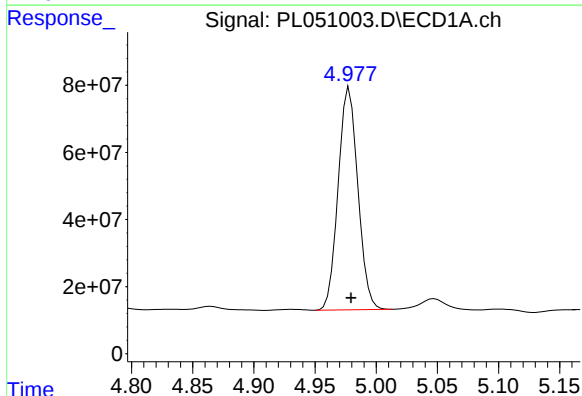
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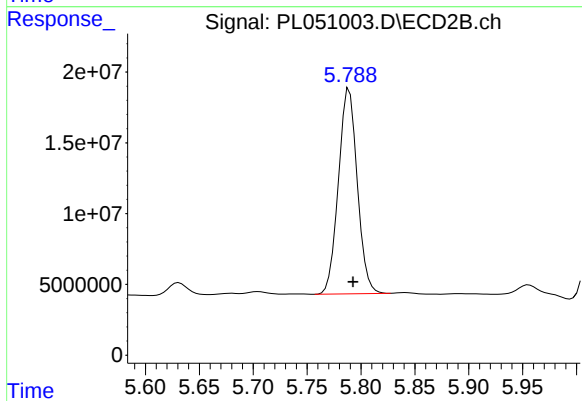
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 168666551
Conc: 43.61 ng/ml



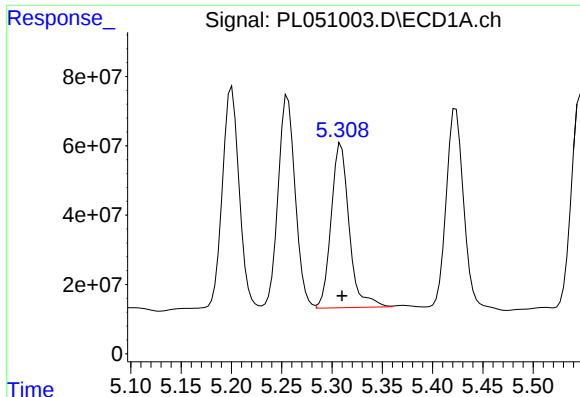
#8 Heptachlor epoxide

R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 743238758
Conc: 50.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 176625689
Conc: 46.18 ng/ml



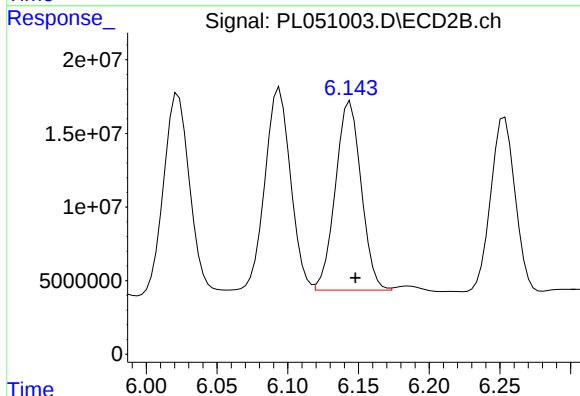
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 590331471
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

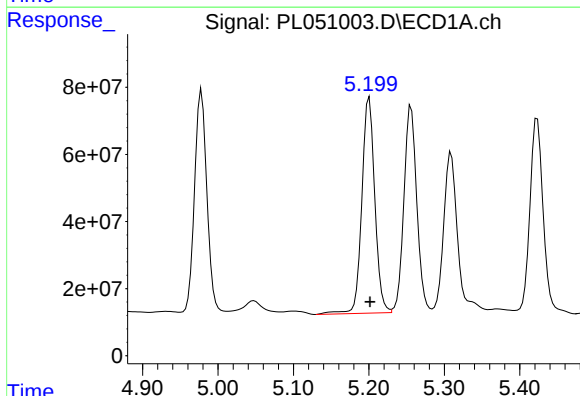
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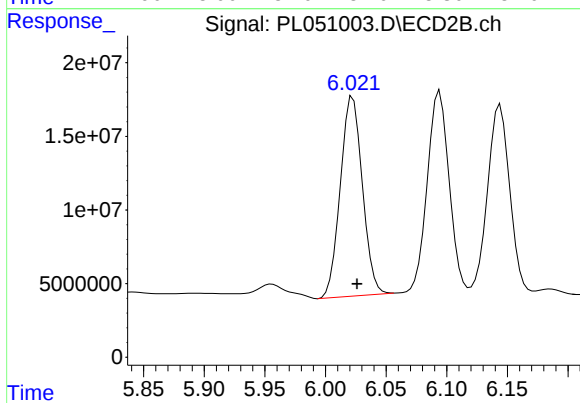
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 162775841
Conc: 47.33 ng/ml



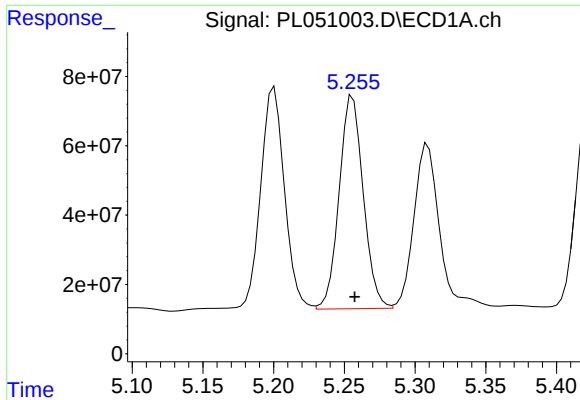
#10 gamma-Chlordane

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 769637777
Conc: 48.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 171486189
Conc: 46.41 ng/ml m



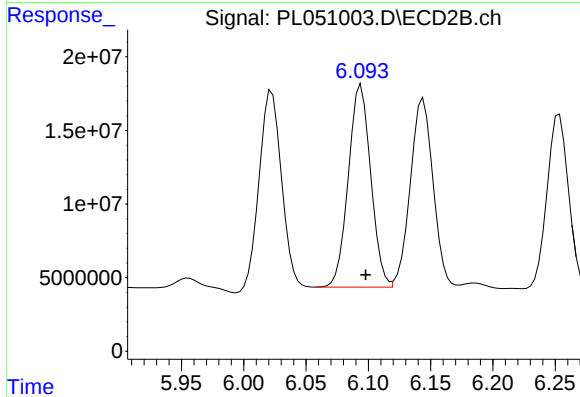
#11 alpha-Chlordane

R.T.: 5.256 min
Delta R.T.: -0.001 min
Response: 729310787
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

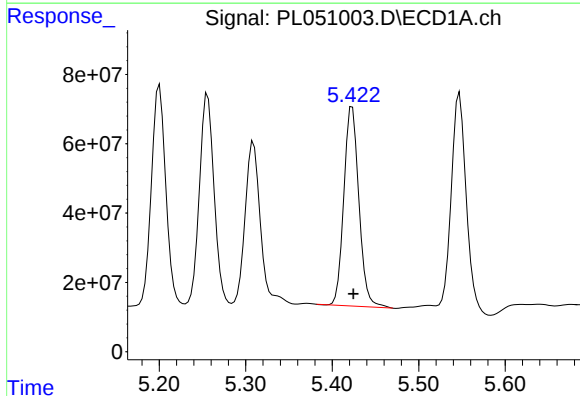
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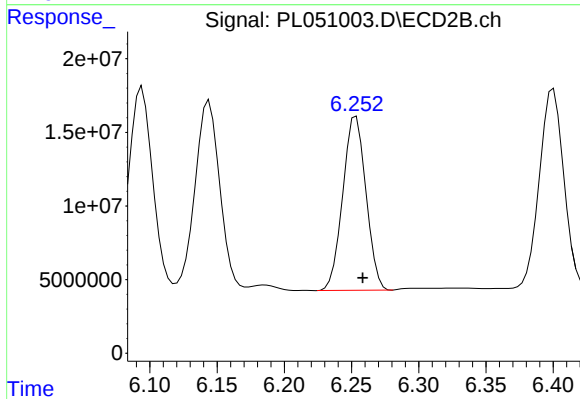
#11 alpha-Chlordane

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 172736907
Conc: 47.13 ng/ml



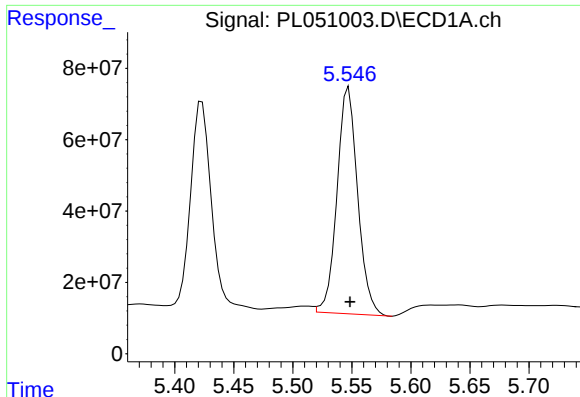
#12 4,4'-DDE

R.T.: 5.423 min
Delta R.T.: -0.002 min
Response: 690778217
Conc: 46.10 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 141608090
Conc: 39.30 ng/ml



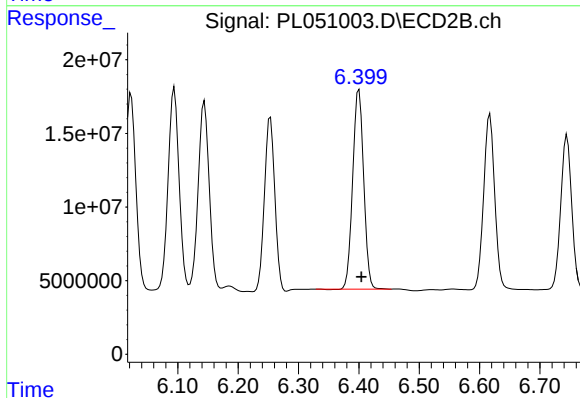
#13 Dieldrin

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 773446350
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

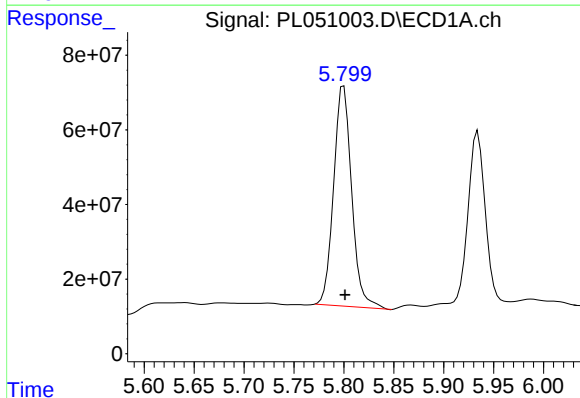
Manual Integrations
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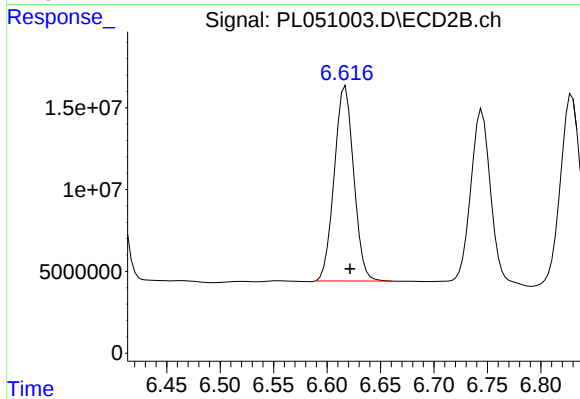
#13 Dieldrin

R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 171344051
Conc: 48.39 ng/ml



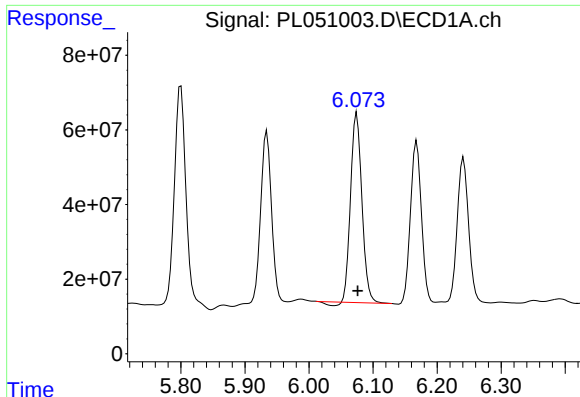
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 743528449
Conc: 50.51 ng/ml



#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 150754272
Conc: 48.61 ng/ml



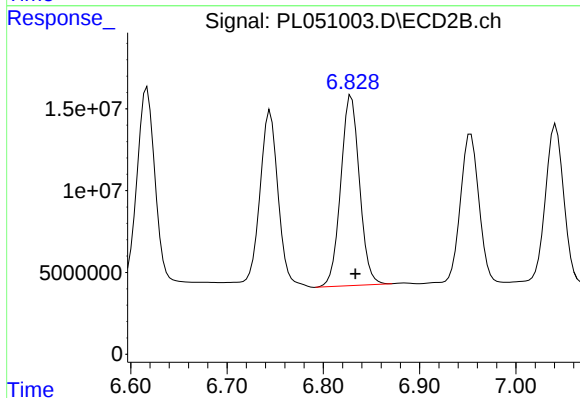
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 616334578
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

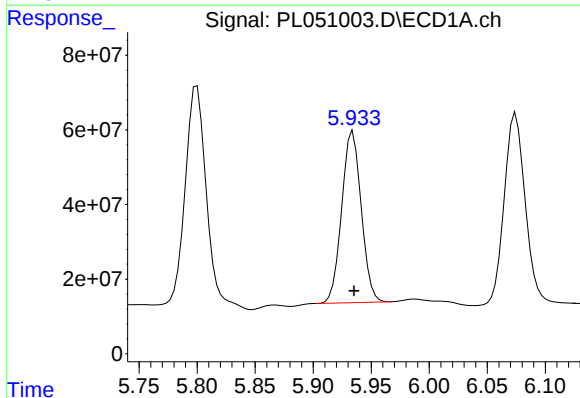
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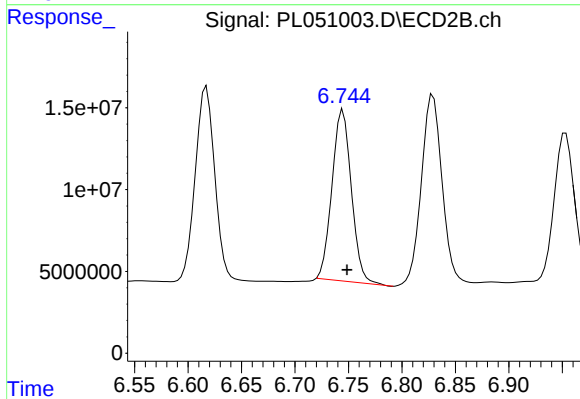
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 156232335
Conc: 49.14 ng/ml



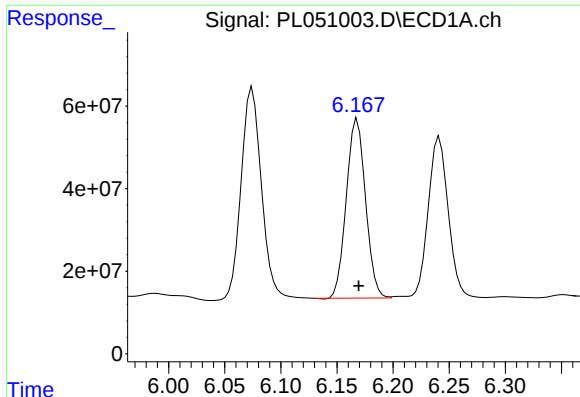
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 537699639
Conc: 44.87 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 132192113
Conc: 49.64 ng/ml



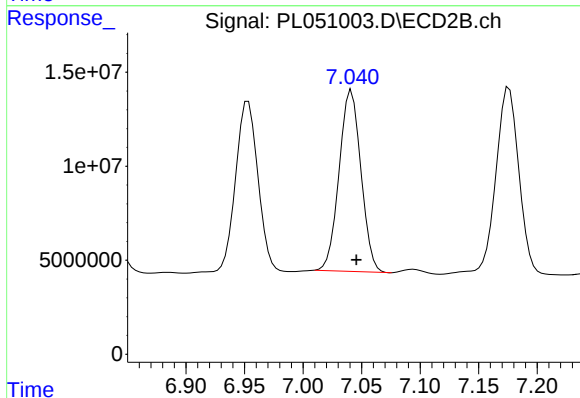
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 516720368
Conc: 41.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

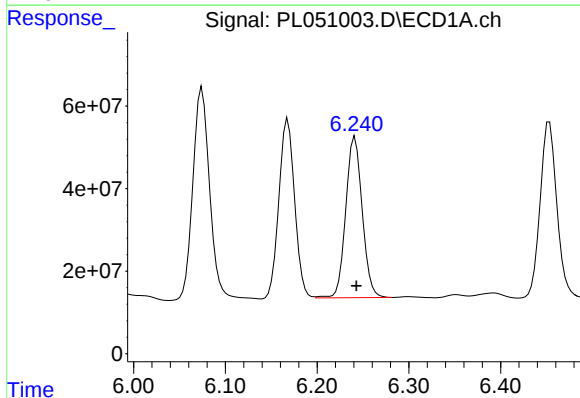
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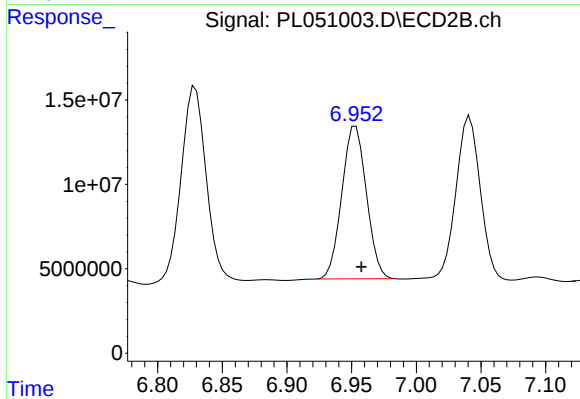
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.004 min
Response: 125148827
Conc: 46.36 ng/ml



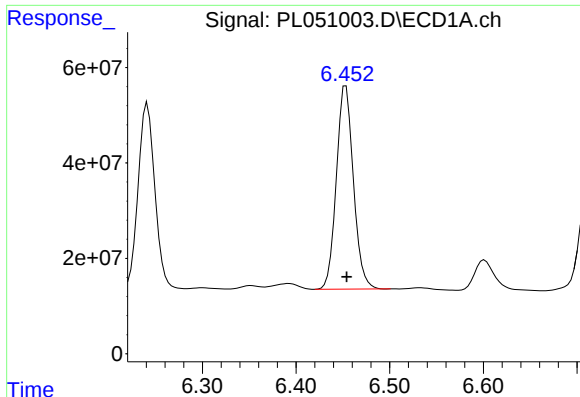
#18 Endrin aldehyde

R.T.: 6.241 min
Delta R.T.: -0.001 min
Response: 485275889
Conc: 42.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.952 min
Delta R.T.: -0.006 min
Response: 119473377
Conc: 43.96 ng/ml m



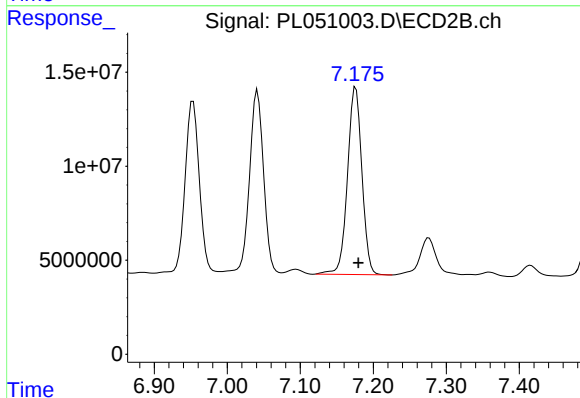
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 539805376
Conc: 42.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

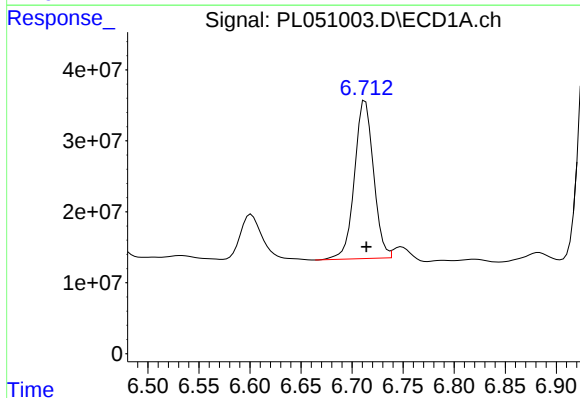
Manual Integrations
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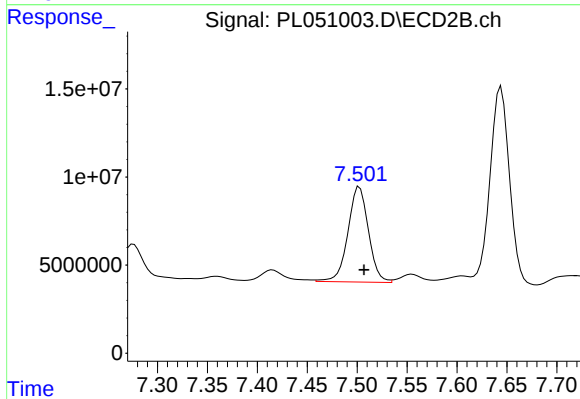
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 136697023
Conc: 47.33 ng/ml



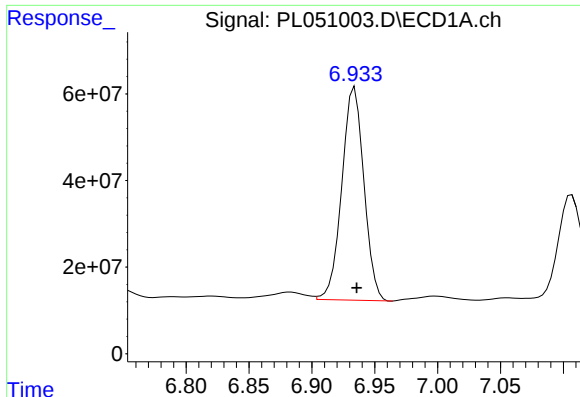
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 288369862
Conc: 46.22 ng/ml



#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 77639246
Conc: 52.91 ng/ml



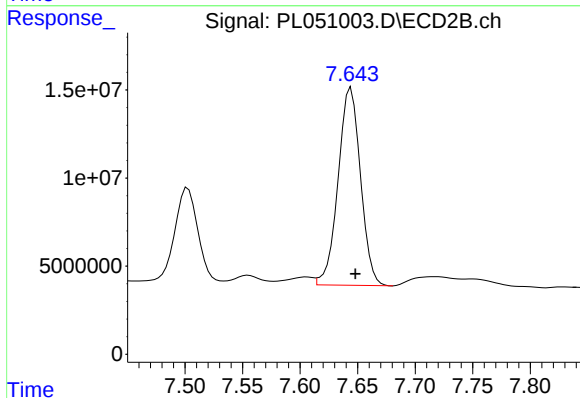
#21 Endrin ketone

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 602111437
Conc: 44.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

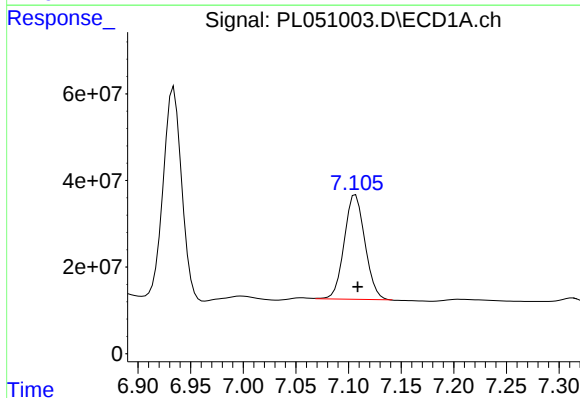
Manual Integrations
APPROVED

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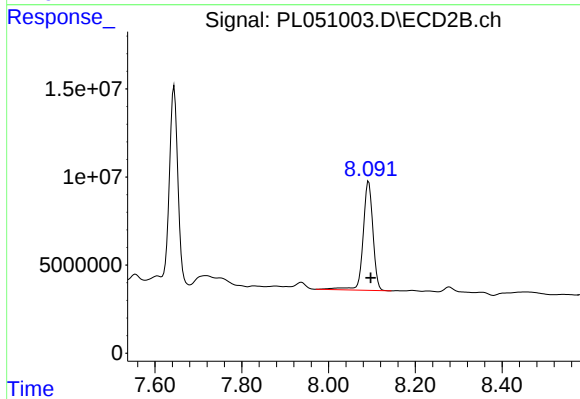
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 152492946
Conc: 52.74 ng/ml



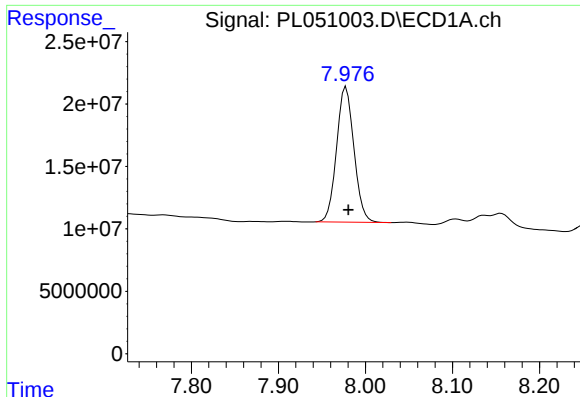
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 331544496
Conc: 33.82 ng/ml



#22 Mirex

R.T.: 8.093 min
Delta R.T.: -0.005 min
Response: 96900726
Conc: 42.19 ng/ml



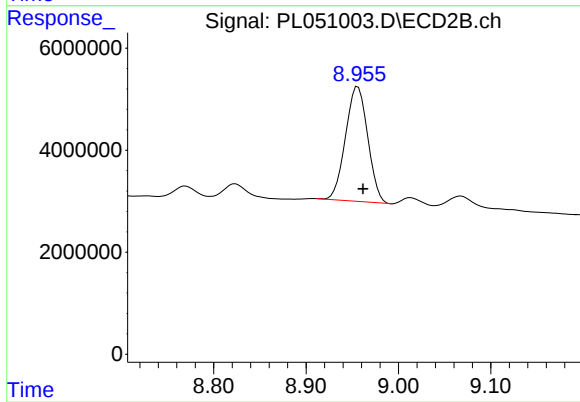
#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 150464439
Conc: 14.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
1S-E1-E4-COMP-(30)MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.005 min
Response: 37715310
Conc: 13.34 ng/ml