

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
 Data File : PL046573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2019 22:34
 Operator : AJ\SJ
 Sample : K2081-02MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S3A(2-10)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 01:16:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.358	3.977	136.6E6	46040100	18.783	20.108
28)	SA Decachlor...	8.034	9.027	145.3E6	46180993	17.272	19.919
Target Compounds							
2)	A alpha-BHC	3.787	4.367	634.0E6	181.8E6	54.365	56.579
3)	MA gamma-BHC...	4.065	4.651	582.7E6	170.4E6	54.232	56.923
4)	MA Heptachlor	4.351	5.156	597.4E6	171.9E6	54.188	55.899
5)	MB Aldrin	4.591	5.460	574.8E6	163.0E6	55.722	56.906
6)	B beta-BHC	4.318	4.823	238.0E6	75279955	52.861	56.785
7)	B delta-BHC	4.513	5.037	548.3E6	145.1E6	54.168	62.555m
8)	B Heptachlo...	5.028	5.846	541.2E6	149.7E6	55.487	56.747
9)	A Endosulfan I	5.359	6.203	510.3E6	142.8E6	54.277	54.734
10)	B gamma-Chl...	5.251	6.080	558.4E6	156.1E6	54.361	55.007
11)	B alpha-Chl...	5.307	6.153	547.4E6	154.8E6	53.990	54.586
12)	B 4,4'-DDE	5.474	6.311	509.8E6	137.3E6	55.372	55.324
13)	MA Dieldrin	5.599	6.458	543.5E6	148.5E6	54.156	54.779m
14)	MA Endrin	5.852	6.676	486.8E6	129.2E6	51.681	54.077
15)	B Endosulfa...	6.127	6.886	447.6E6	128.0E6	49.955	53.060
16)	A 4,4'-DDD	5.986	6.800	398.4E6	111.1E6	52.700	55.196
17)	MA 4,4'-DDT	6.221	7.098	390.8E6	110.6E6	51.592	52.729
18)	B Endrin al...	6.293	7.010	370.0E6	110.1E6	49.371	51.857
19)	B Endosulfa...	6.505	7.233	433.5E6	126.7E6	52.790	53.702
20)	A Methoxychlor	6.765	7.556	201.8E6	64557208	47.476	50.642
21)	B Endrin ke...	6.987	7.702	447.4E6	133.6E6	48.384	53.764
22)	Mirex	7.164	8.154	327.9E6	102.5E6	45.003	51.240

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
Data File : PL046573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2019 22:34
Operator : AJ\SJ
Sample : K2081-02MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

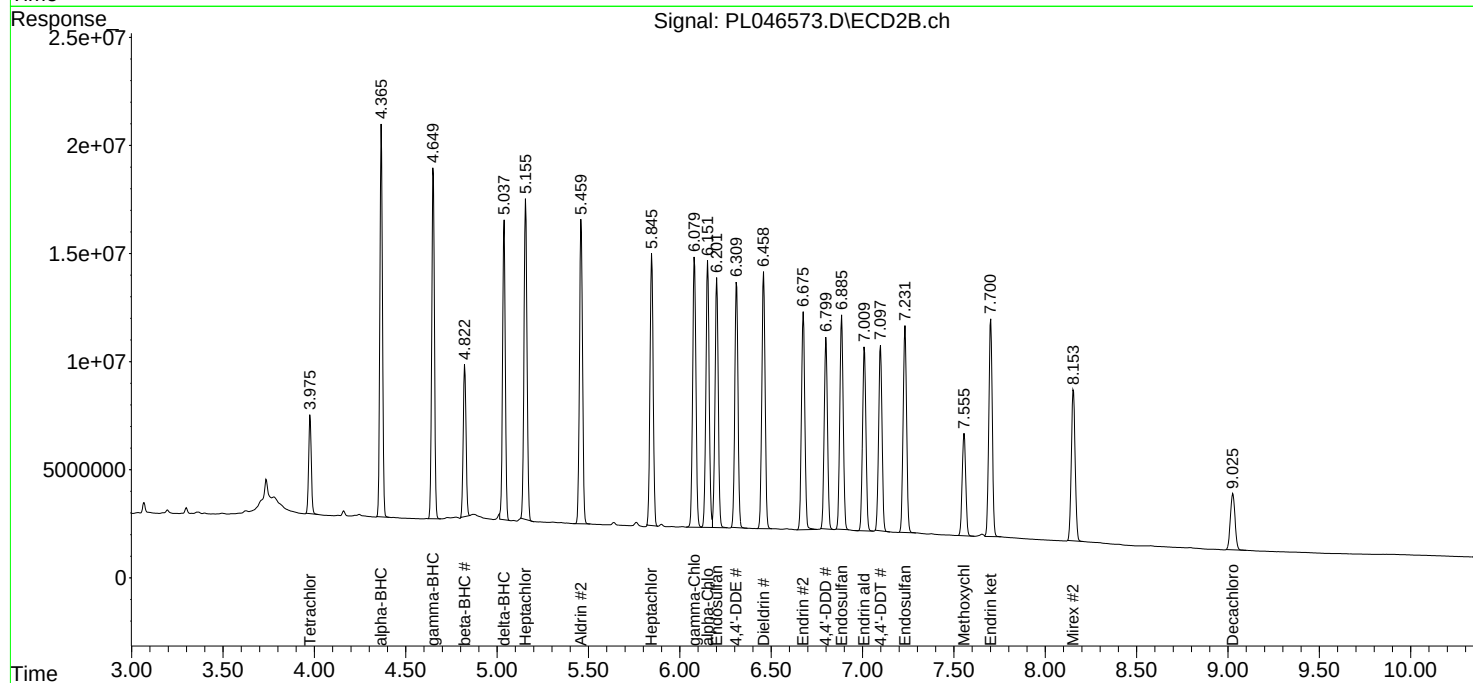
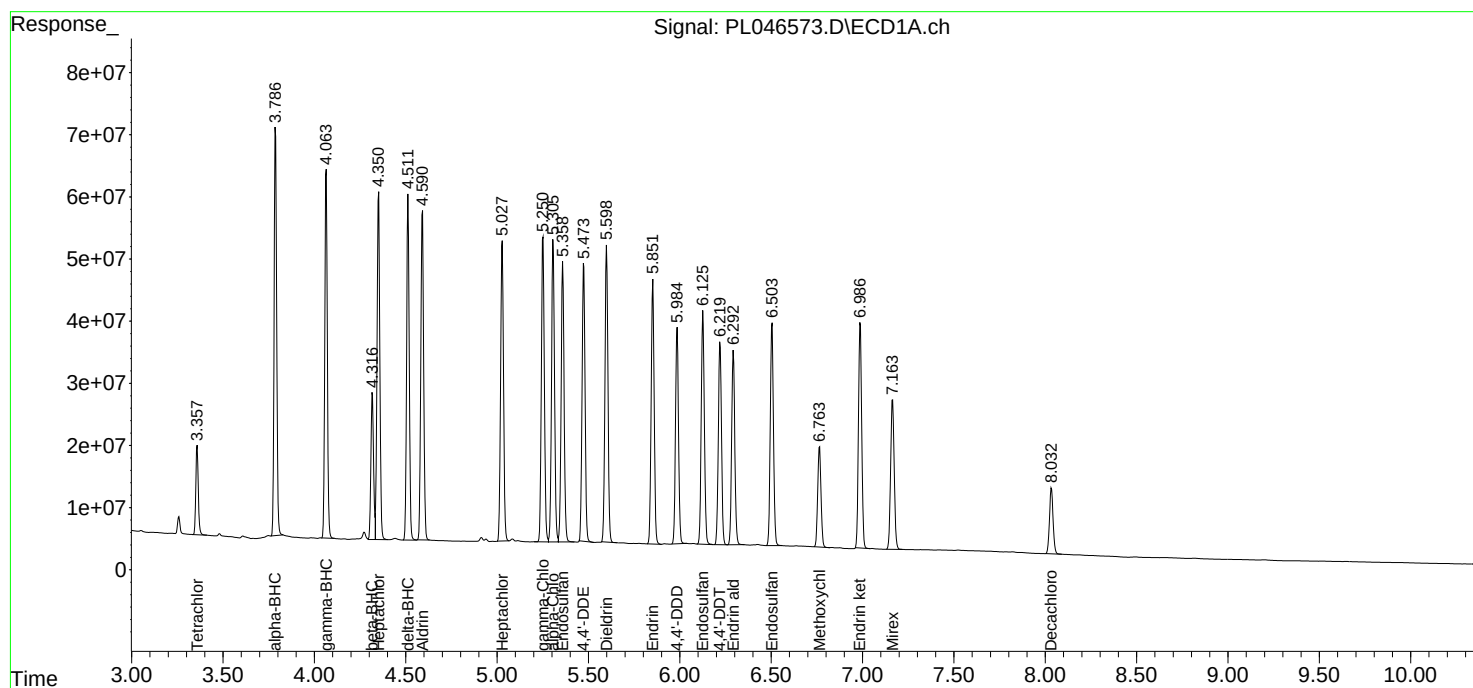
Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

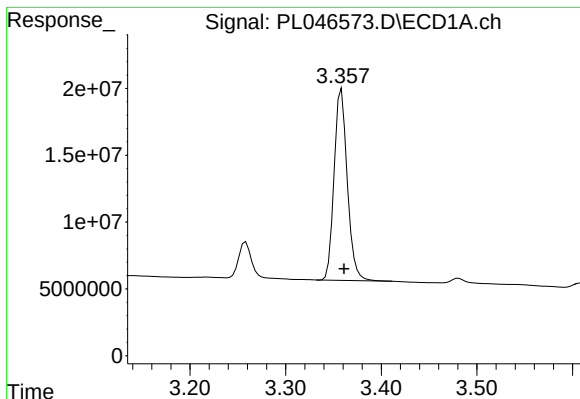
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:16:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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





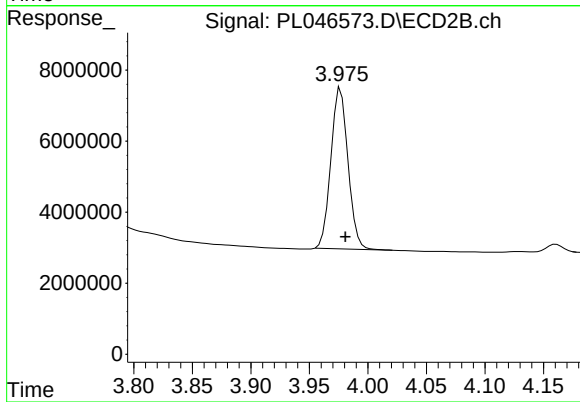
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 136638506
Conc: 18.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

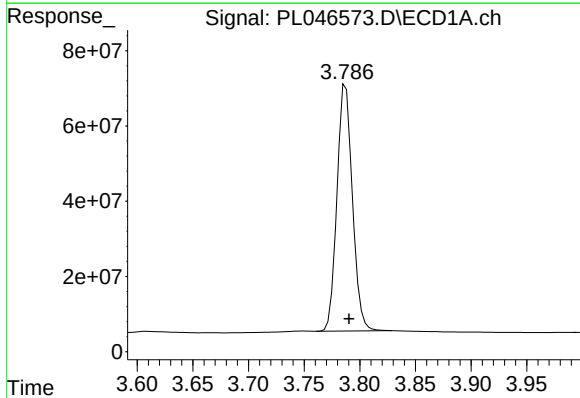
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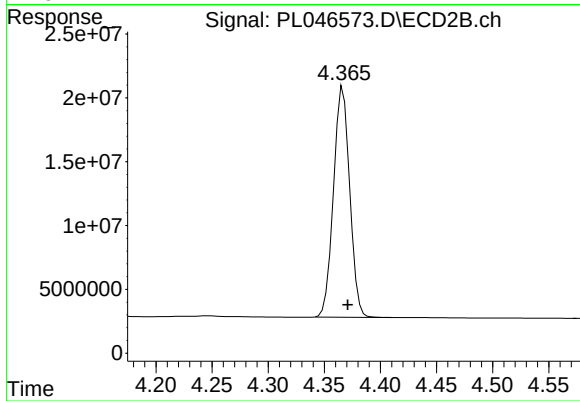
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 46040100
Conc: 20.11 ng/ml



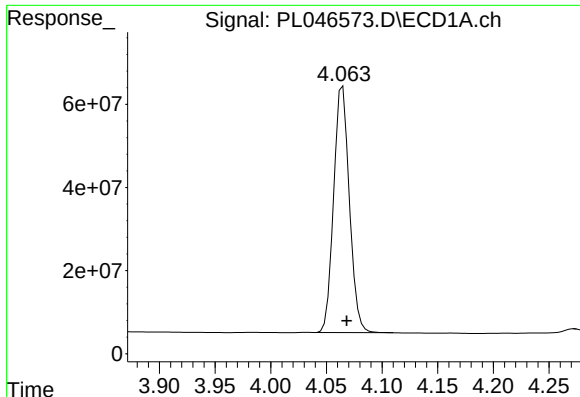
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 634002954
Conc: 54.36 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 181804526
Conc: 56.58 ng/ml



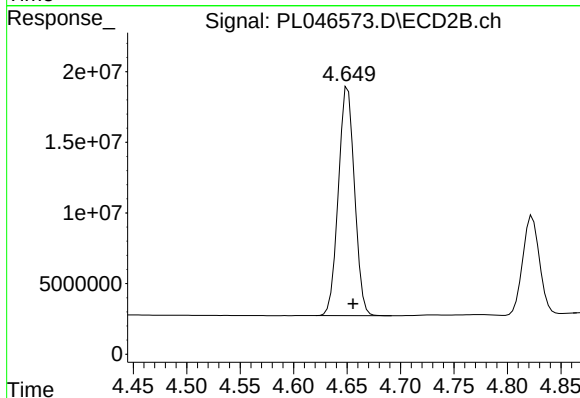
#3 gamma-BHC (Lindane)

R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 582699232
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

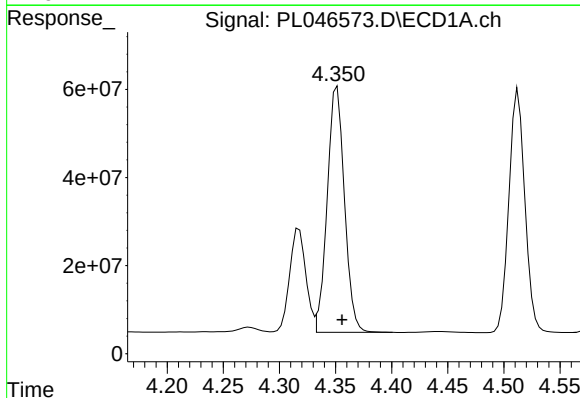
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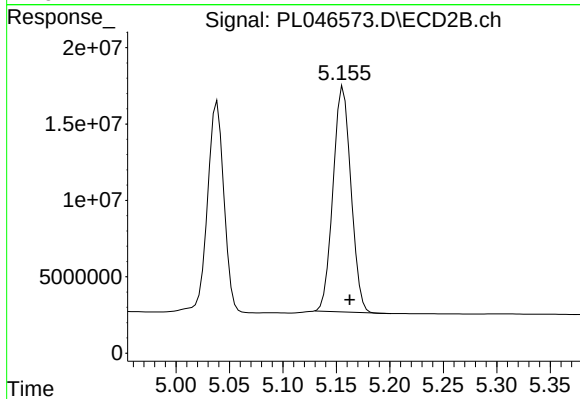
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.005 min
Response: 170370664
Conc: 56.92 ng/ml



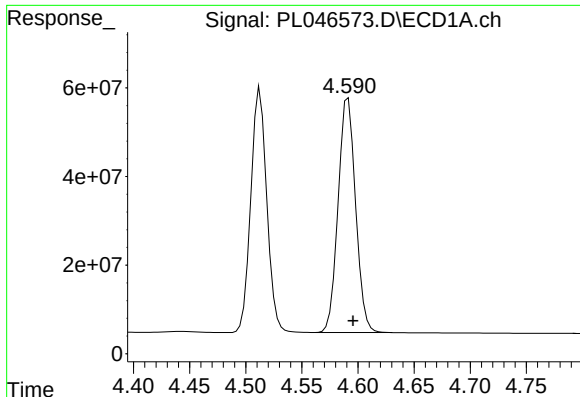
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 597433930
Conc: 54.19 ng/ml



#4 Heptachlor

R.T.: 5.156 min
Delta R.T.: -0.006 min
Response: 171940272
Conc: 55.90 ng/ml



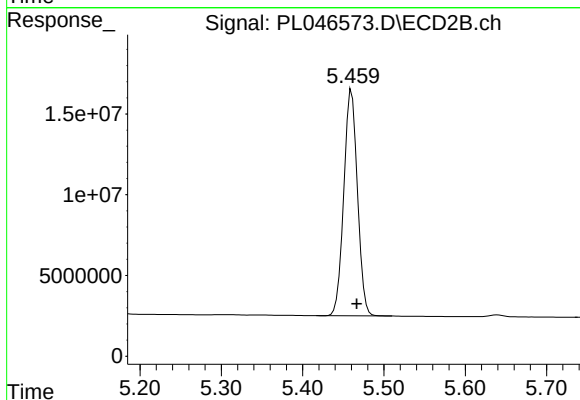
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 574769369
Conc: 55.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

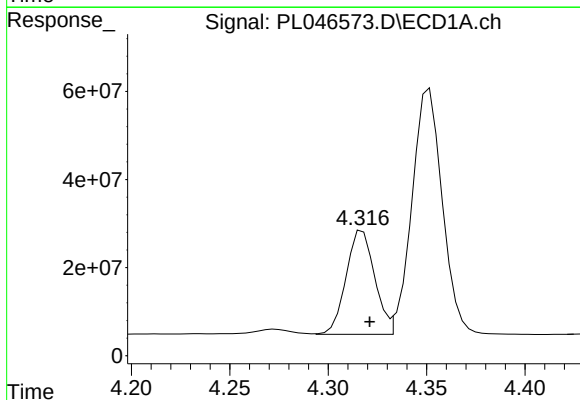
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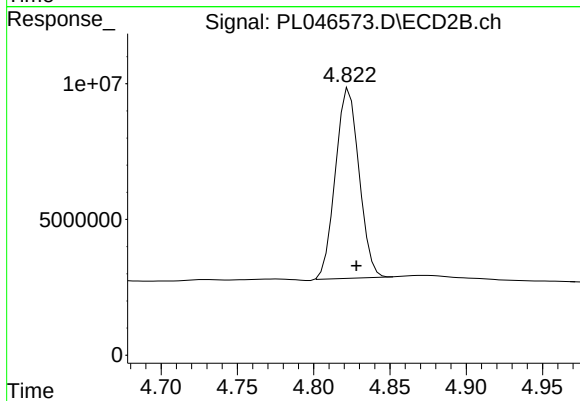
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 163034476
Conc: 56.91 ng/ml



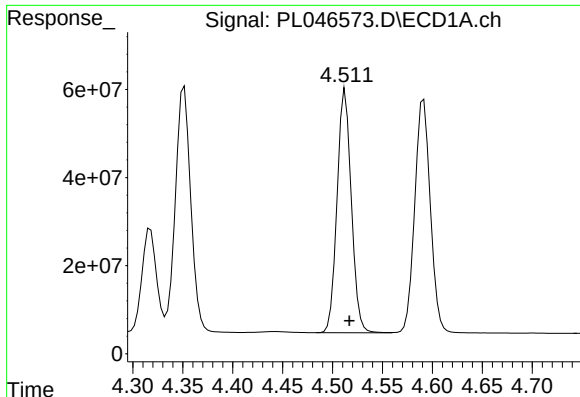
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 238000737
Conc: 52.86 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 75279955
Conc: 56.79 ng/ml



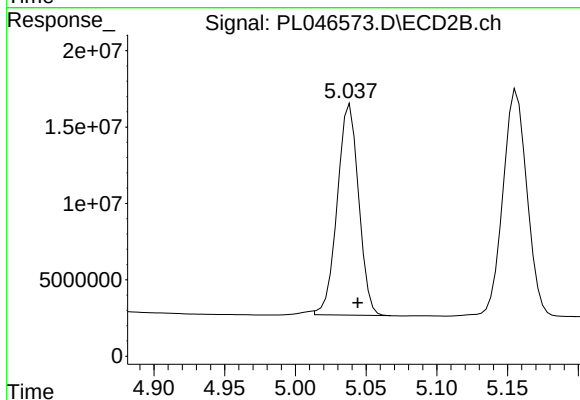
#7 delta-BHC

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 548349641
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

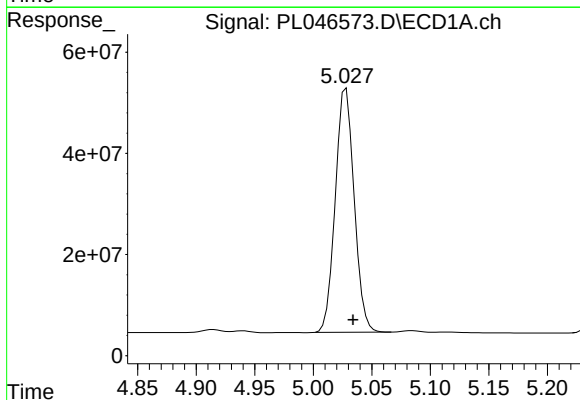
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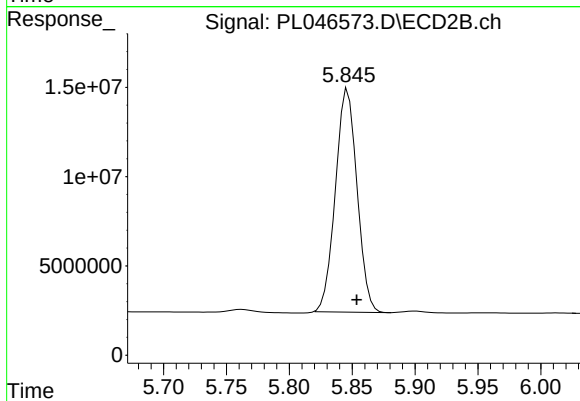
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.007 min
Response: 145137633
Conc: 62.55 ng/ml m



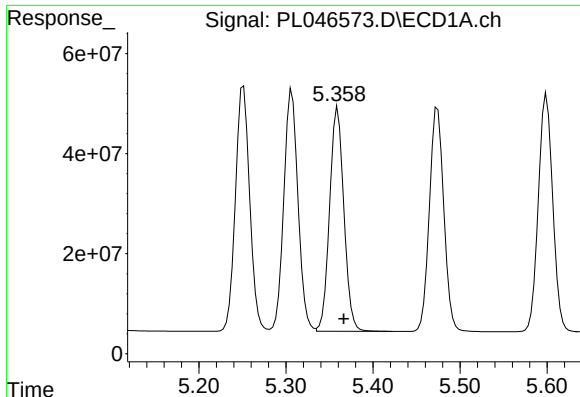
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 541191902
Conc: 55.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.846 min
Delta R.T.: -0.007 min
Response: 149653586
Conc: 56.75 ng/ml



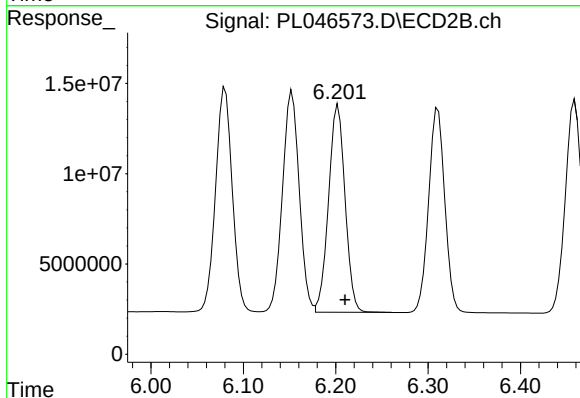
#9 Endosulfan I

R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 510331067
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

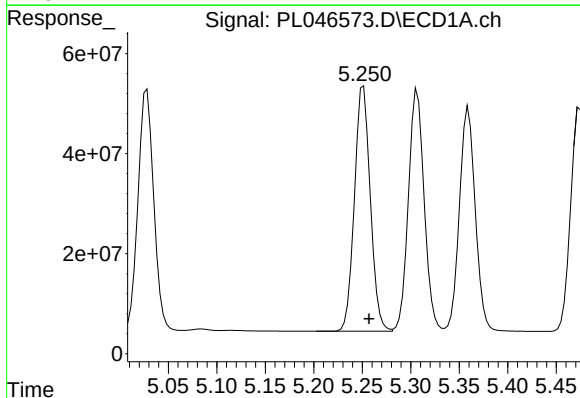
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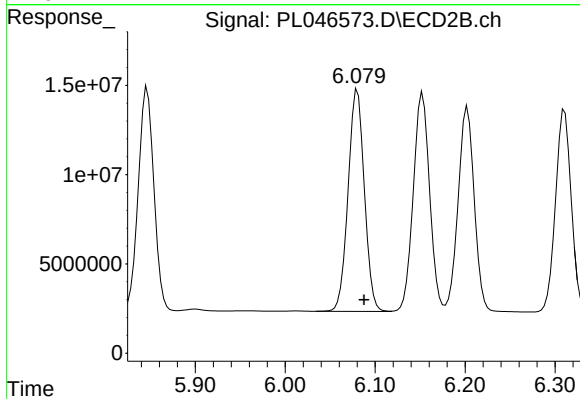
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 142849860
Conc: 54.73 ng/ml



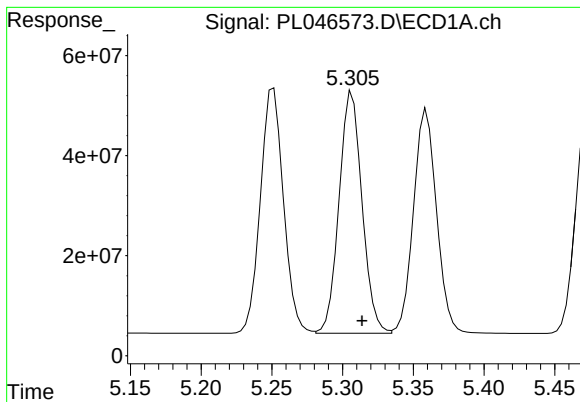
#10 gamma-Chlordane

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 558433026
Conc: 54.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 156115737
Conc: 55.01 ng/ml



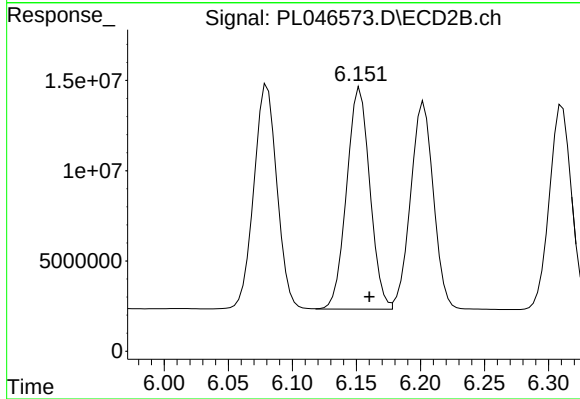
#11 alpha-Chlordane

R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 547408982
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

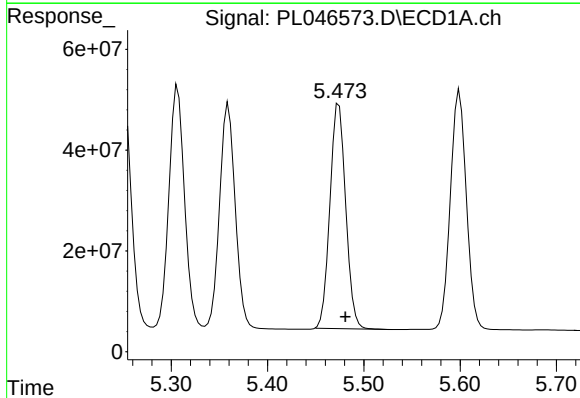
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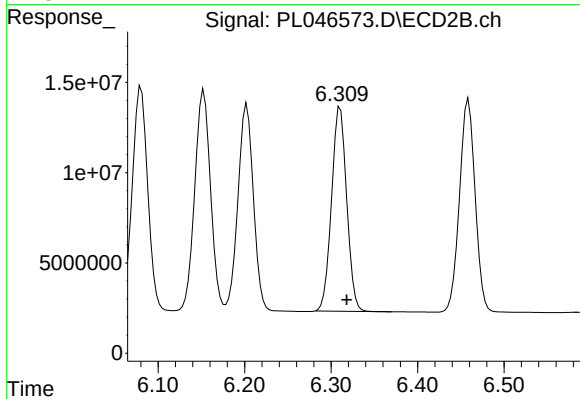
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 154841725
Conc: 54.59 ng/ml



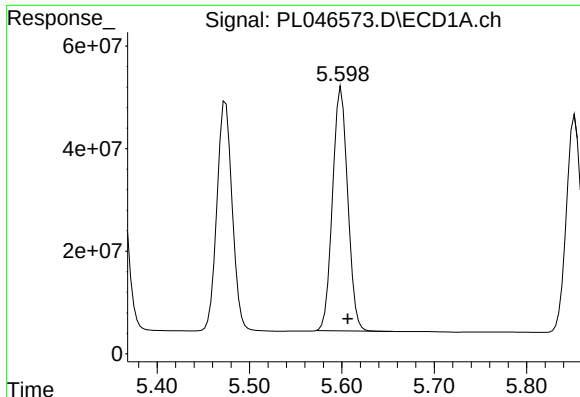
#12 4,4'-DDE

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 509808023
Conc: 55.37 ng/ml



#12 4,4'-DDE

R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 137332316
Conc: 55.32 ng/ml



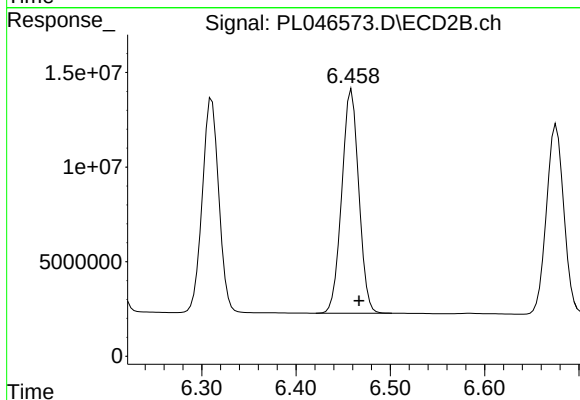
#13 Dieldrin

R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 543484295
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

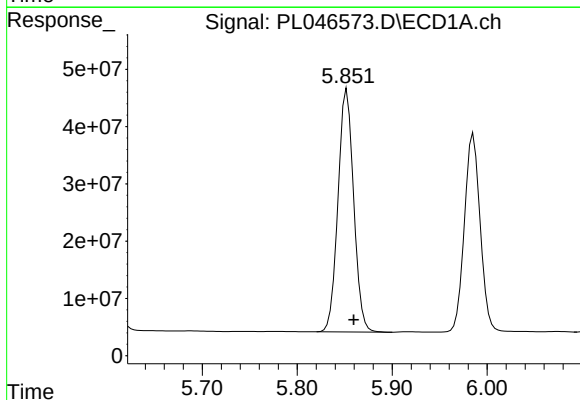
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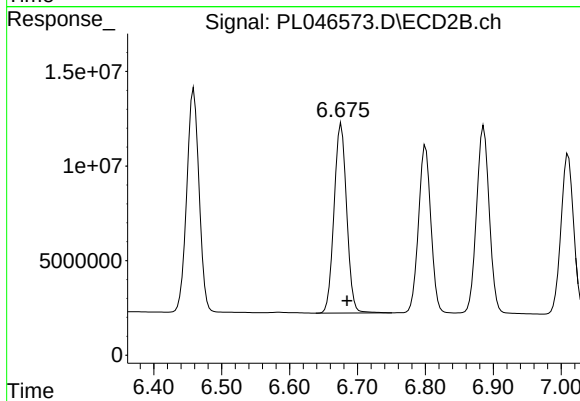
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 148487824
Conc: 54.78 ng/ml m



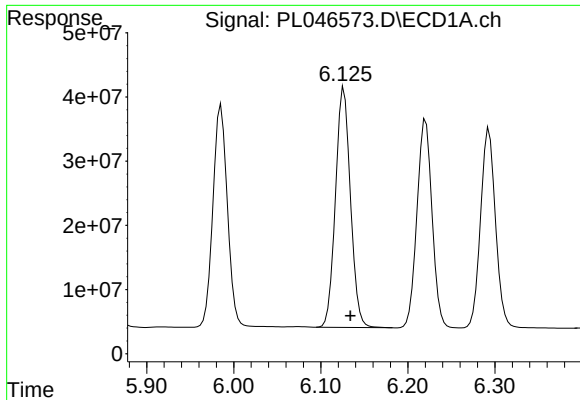
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 486789680
Conc: 51.68 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 129232742
Conc: 54.08 ng/ml



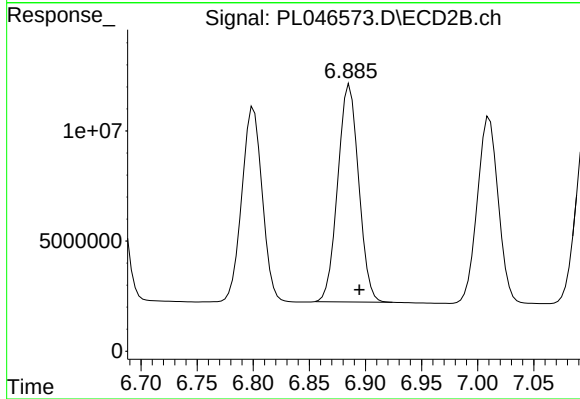
#15 Endosulfan II

R.T.: 6.127 min
Delta R.T.: -0.007 min
Response: 447579228
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

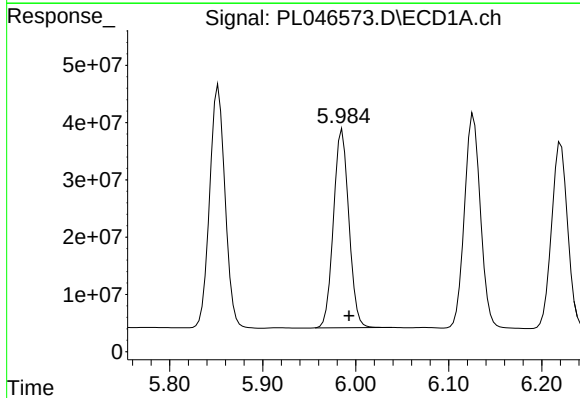
Manual Integrations
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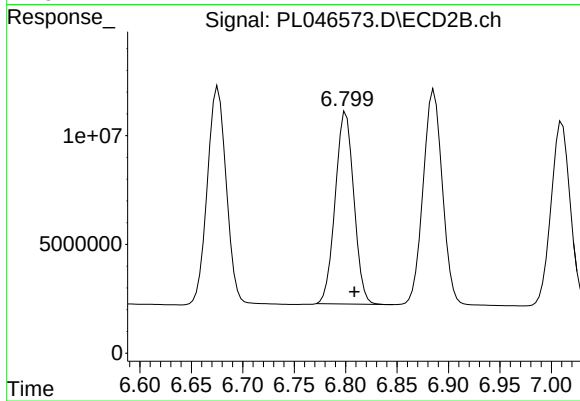
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 128027874
Conc: 53.06 ng/ml



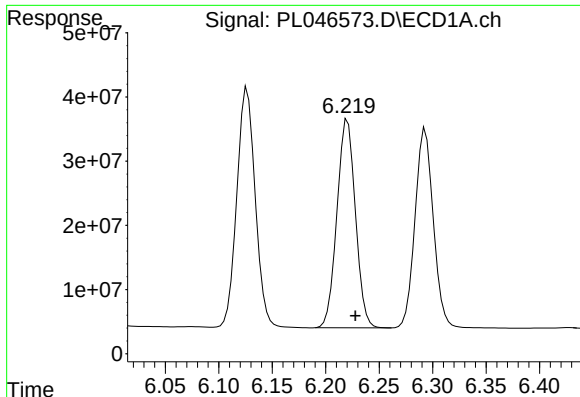
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.007 min
Response: 398358423
Conc: 52.70 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.008 min
Response: 111056468
Conc: 55.20 ng/ml



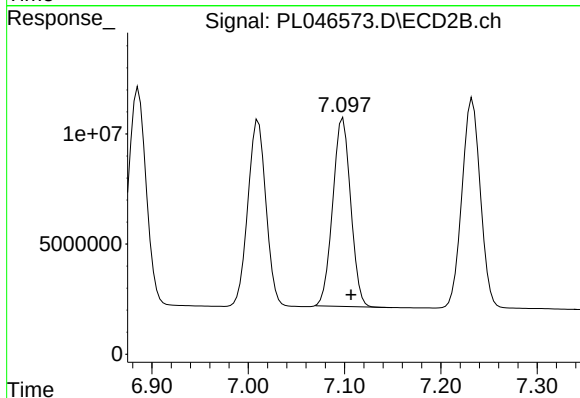
#17 4,4'-DDT

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 390775030
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

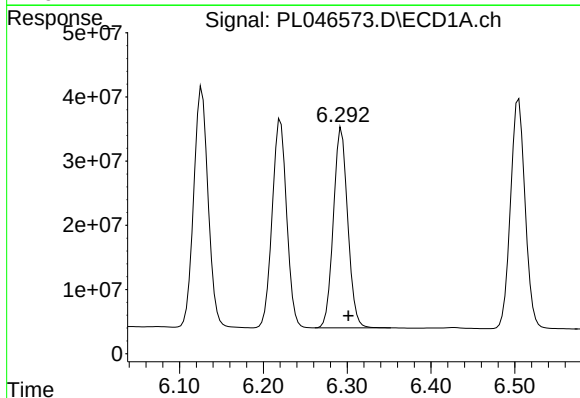
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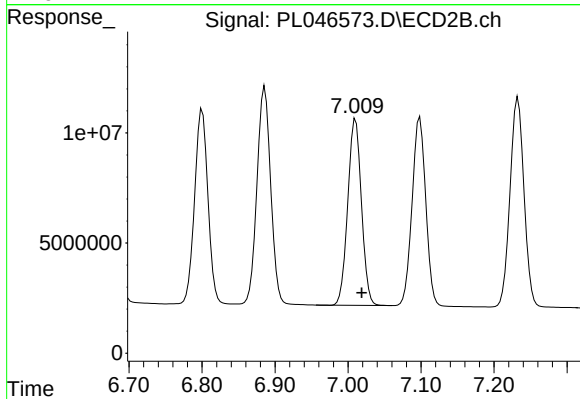
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: -0.008 min
Response: 110569528
Conc: 52.73 ng/ml



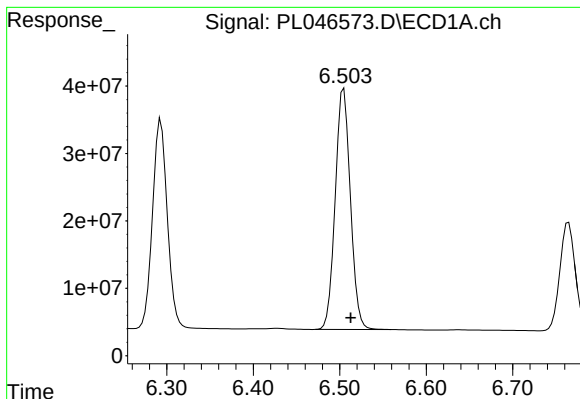
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.008 min
Response: 370044259
Conc: 49.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: -0.008 min
Response: 110143615
Conc: 51.86 ng/ml



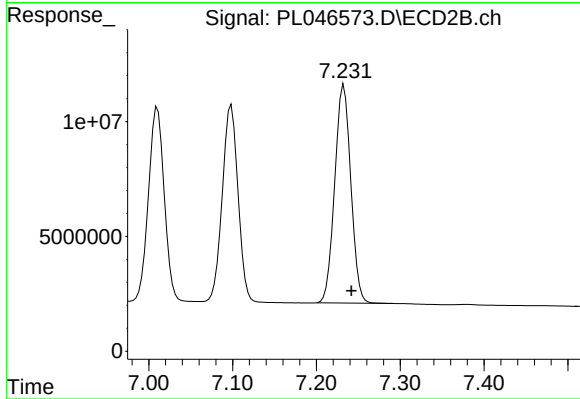
#19 Endosulfan Sulfate

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 433469338
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

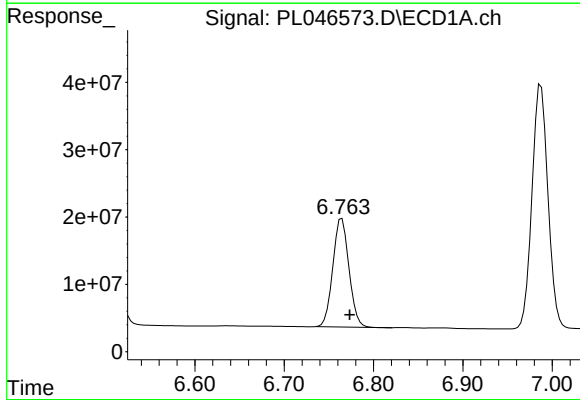
Manual Integrations
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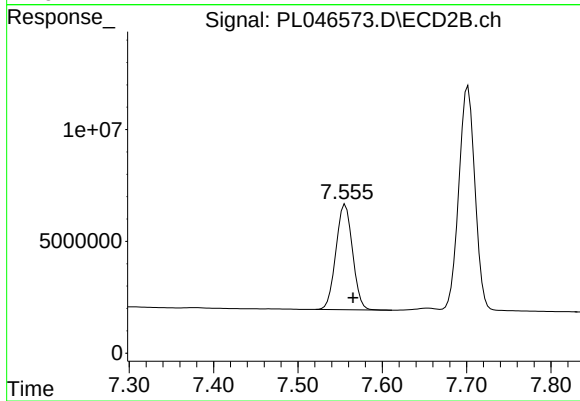
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 126682948
Conc: 53.70 ng/ml



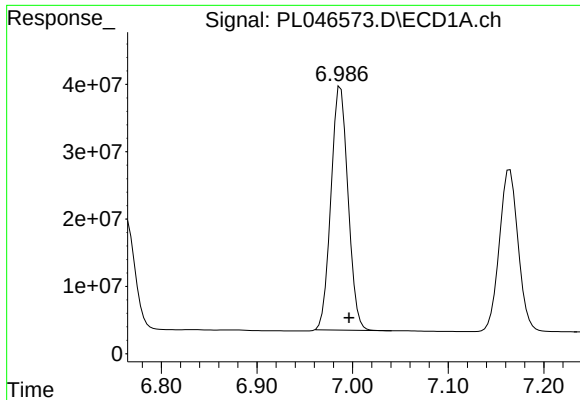
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.009 min
Response: 201766571
Conc: 47.48 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 64557208
Conc: 50.64 ng/ml



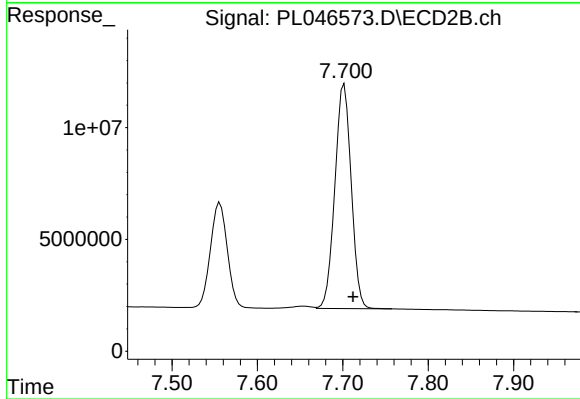
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.009 min
Response: 447393701
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

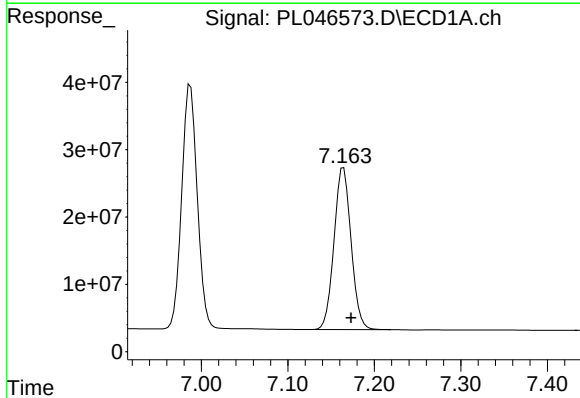
Manual Integrations
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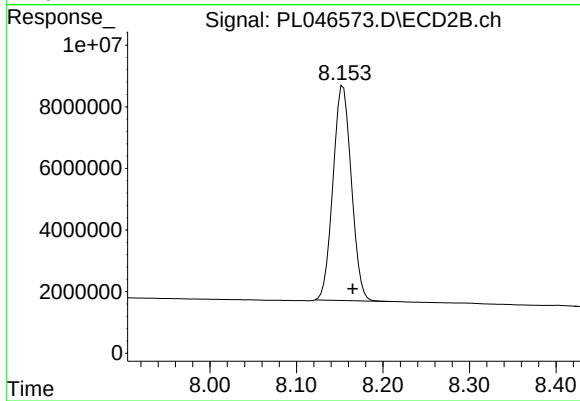
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.010 min
Response: 133578363
Conc: 53.76 ng/ml



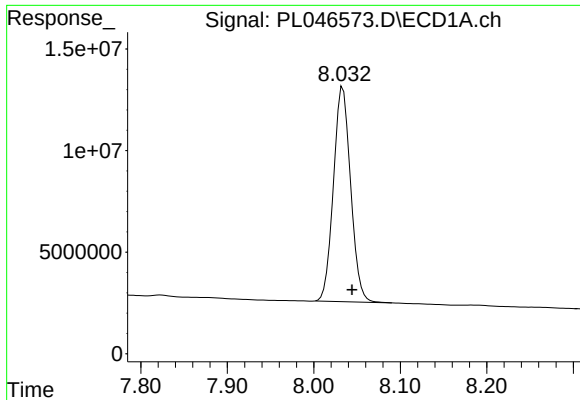
#22 Mirex

R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 327871001
Conc: 45.00 ng/ml



#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 102488630
Conc: 51.24 ng/ml



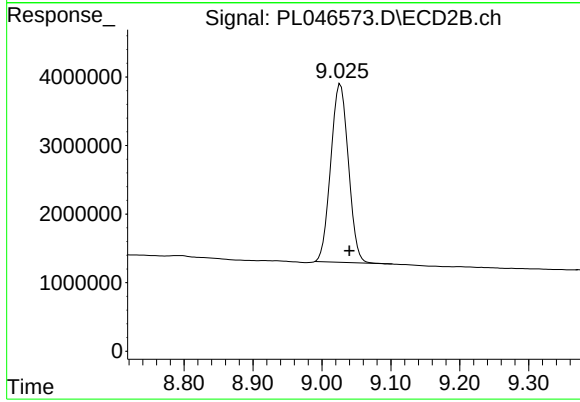
#28 Decachlorobiphenyl

R.T.: 8.034 min
Delta R.T.: -0.010 min
Response: 145278482
Conc: 17.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
S3A(2-10)MSD

Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:08 PM



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: -0.013 min
Response: 46180993
Conc: 19.92 ng/ml