

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
 Data File : PL046595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 04:04
 Operator : AJ\SJ
 Sample : K2086-08MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CS-11MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 05:35:59 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	125.9E6	41156144	17.302	17.975
28)	SA Decachlor...	8.033	9.027	163.6E6	48392886	19.448	20.873
Target Compounds							
2)	A alpha-BHC	3.787	4.366	589.9E6	164.5E6	50.583	51.204
3)	MA gamma-BHC...	4.064	4.650	542.6E6	154.4E6	50.500	51.583
4)	MA Heptachlor	4.351	5.155	563.4E6	164.0E6	51.105	53.330m
5)	MB Aldrin	4.591	5.460	541.6E6	153.6E6	52.509	53.630
6)	B beta-BHC	4.317	4.823	222.2E6	70138047	49.340	52.907
7)	B delta-BHC	4.512	5.038	506.2E6	129.0E6	50.009	55.587
8)	B Heptachlo...	5.028	5.845	506.0E6	143.6E6	51.879	54.460m
9)	A Endosulfan I	5.359	6.202	489.9E6	136.8E6	52.108	52.418
10)	B gamma-Chl...	5.250	6.080	521.7E6	151.8E6	50.787	53.500
11)	B alpha-Chl...	5.306	6.152	511.2E6	148.0E6	50.424	52.173
12)	B 4,4'-DDE	5.472	6.311	485.6E6	131.0E6	52.740m	52.771
13)	MA Dieldrin	5.598	6.459	524.4E6	140.9E6	52.259	51.984
14)	MA Endrin	5.851	6.676	473.7E6	121.7E6	50.292	50.905
15)	B Endosulfa...	6.126	6.886	452.1E6	124.8E6	50.462	51.714
16)	A 4,4'-DDD	5.985	6.800	400.3E6	108.8E6	52.956	54.094
17)	MA 4,4'-DDT	6.219	7.096	379.6E6	106.9E6	50.113	50.984m
18)	B Endrin al...	6.293	7.010	375.4E6	106.2E6	50.087	49.987
19)	B Endosulfa...	6.504	7.233	440.1E6	122.8E6	53.603	52.056
20)	A Methoxychlor	6.764	7.556	207.4E6	62905384	48.792	49.346
21)	B Endrin ke...	6.987	7.701	478.5E6	131.5E6	51.752	52.908
22)	Mirex	7.163	8.153	346.4E6	102.2E6	47.553	51.080

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
Data File : PL046595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 04:04
Operator : AJ\SJ
Sample : K2086-08MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

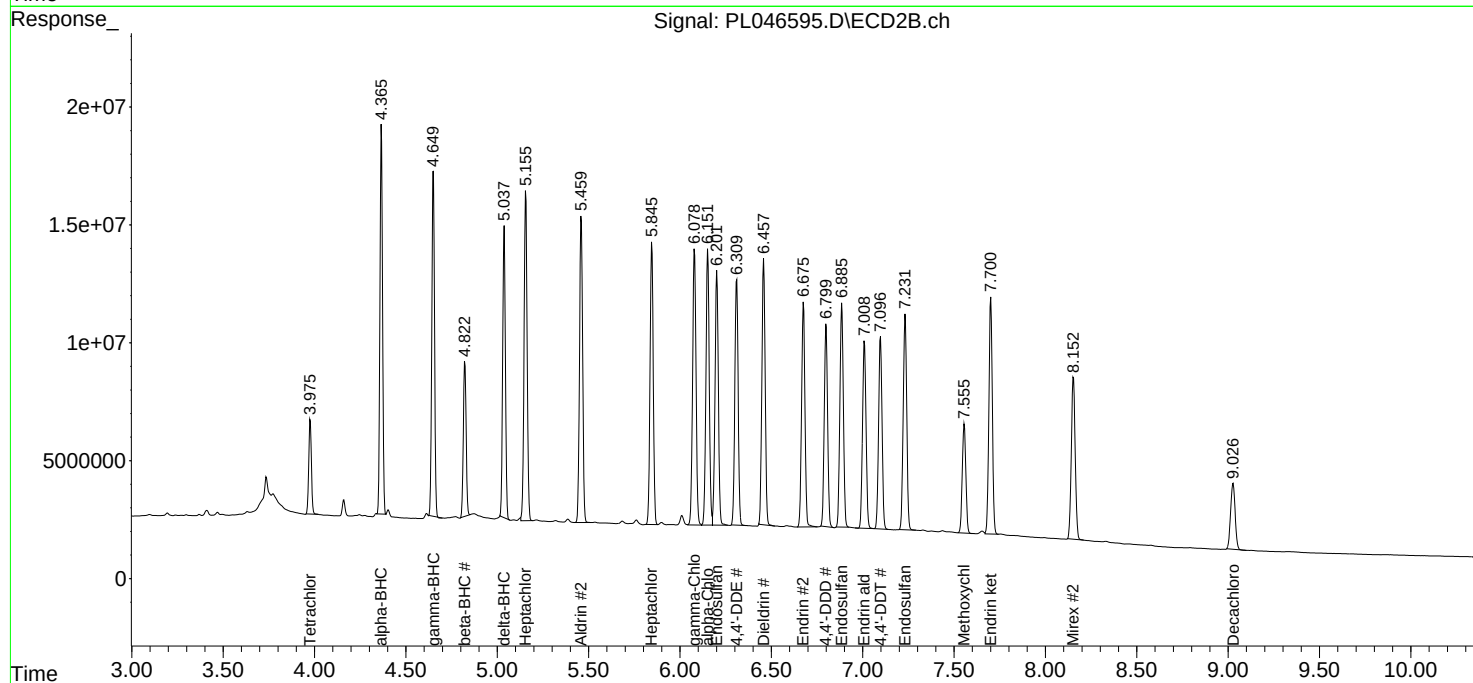
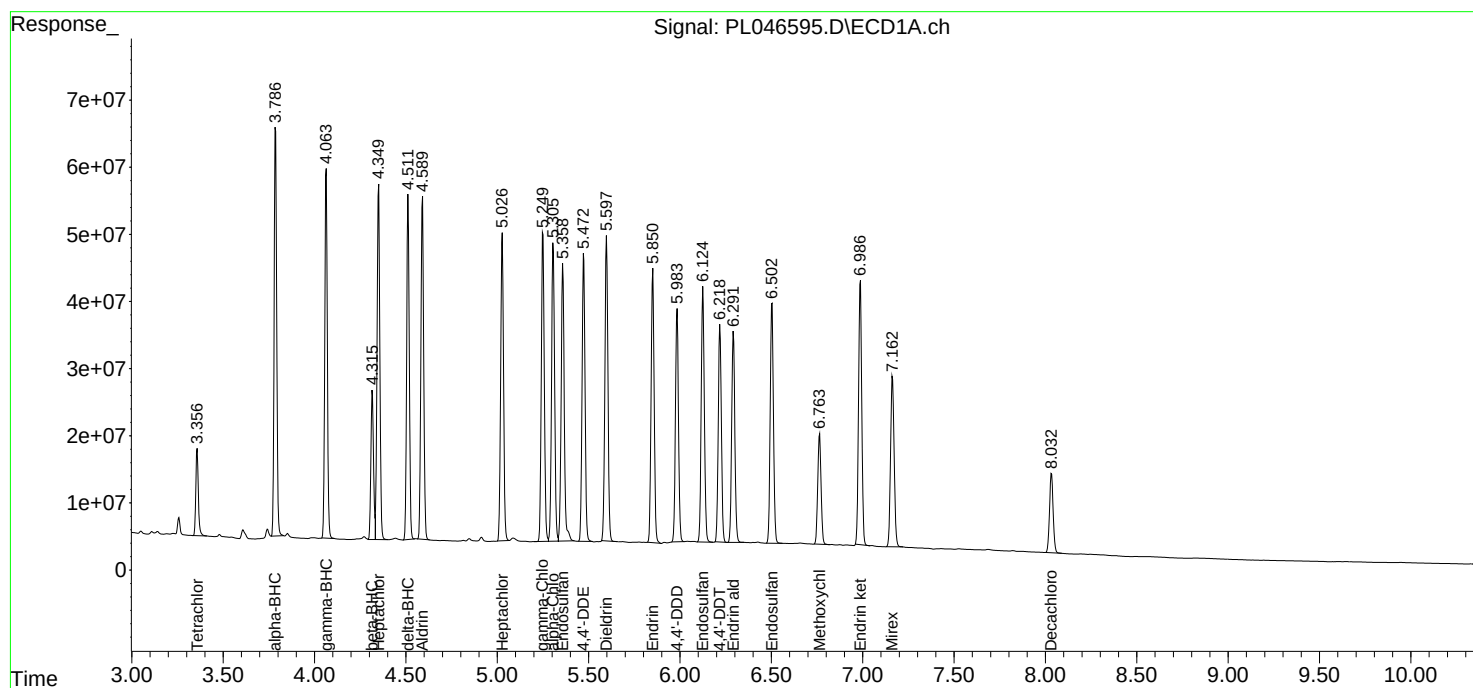
Instrument :
ECD_L
ClientSampleId :
CS-11MSD

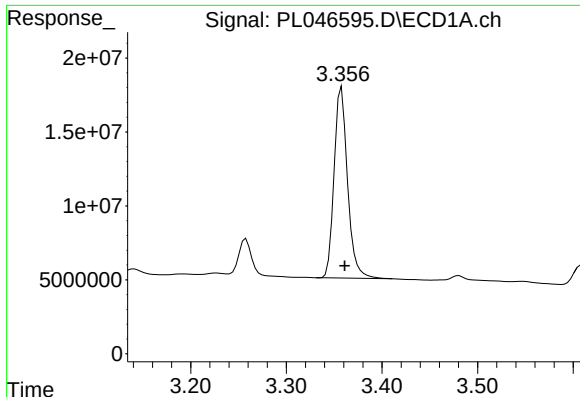
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 05:35:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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Integrator: 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





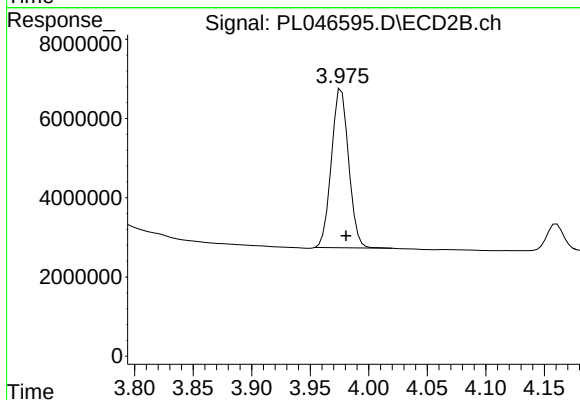
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 125867375
Conc: 17.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

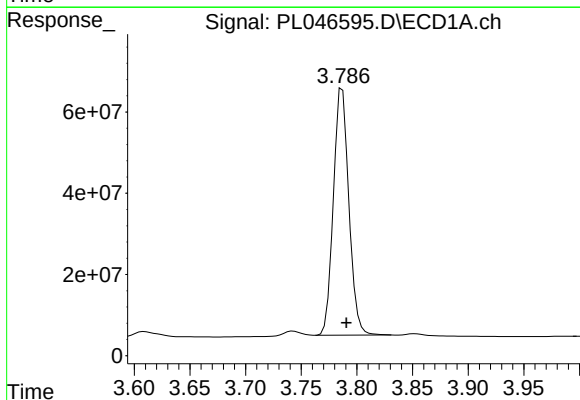
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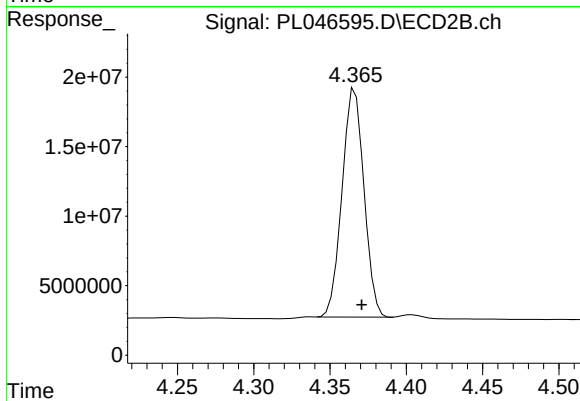
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 41156144
Conc: 17.98 ng/ml



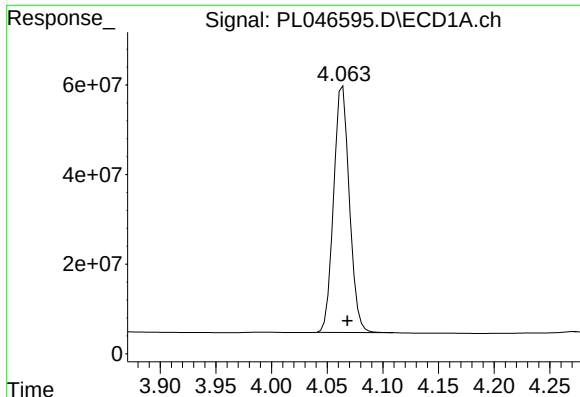
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.004 min
Response: 589896534
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 4.366 min
Delta R.T.: -0.004 min
Response: 164532274
Conc: 51.20 ng/ml



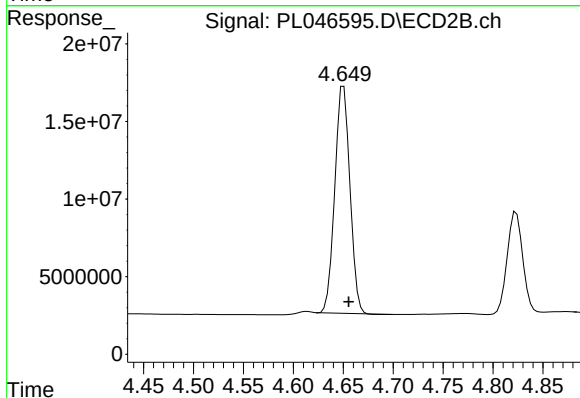
#3 gamma-BHC (Lindane)

R.T.: 4.064 min
Delta R.T.: -0.004 min
Response: 542595575
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

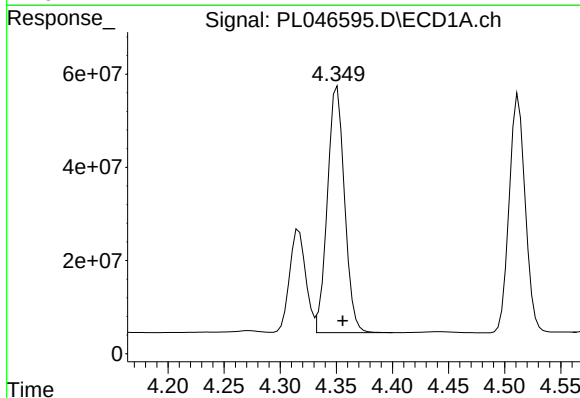
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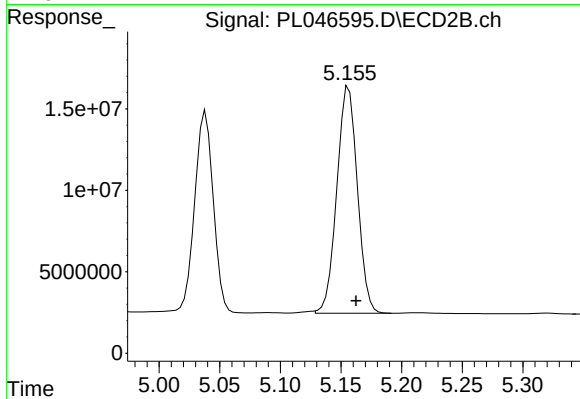
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 154388036
Conc: 51.58 ng/ml



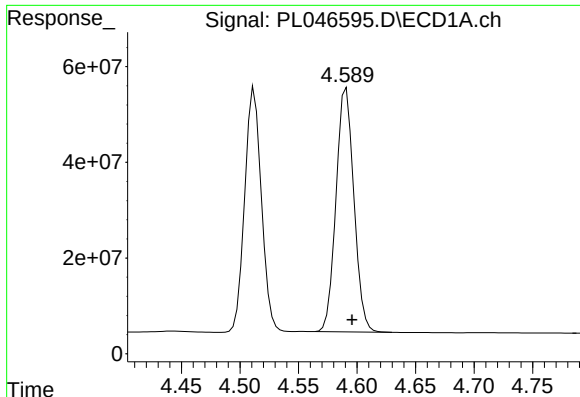
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 563444721
Conc: 51.11 ng/ml



#4 Heptachlor

R.T.: 5.155 min
Delta R.T.: -0.007 min
Response: 164037581
Conc: 53.33 ng/ml m



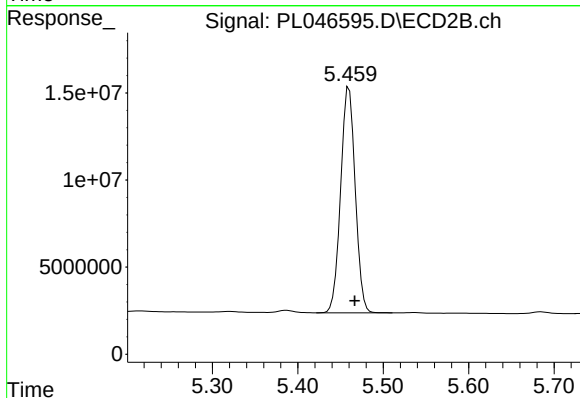
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 541629317
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

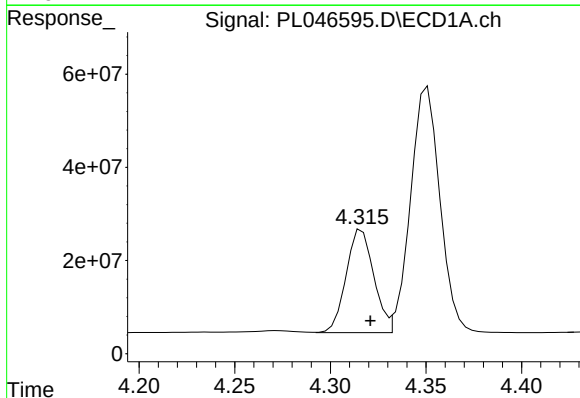
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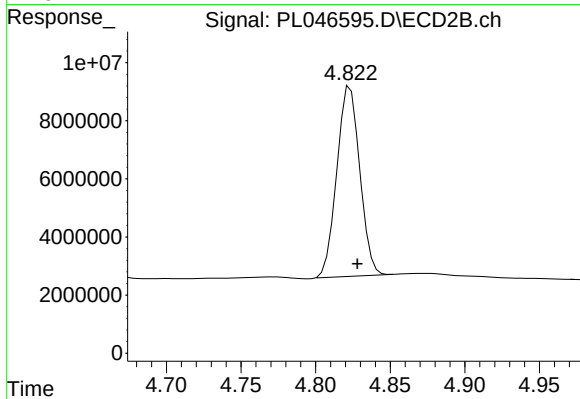
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 153648538
Conc: 53.63 ng/ml



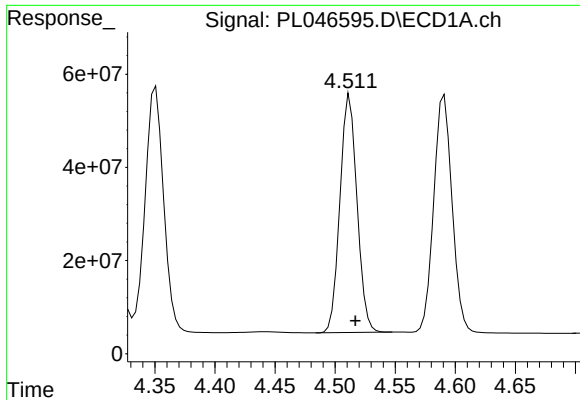
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 222150915
Conc: 49.34 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 70138047
Conc: 52.91 ng/ml



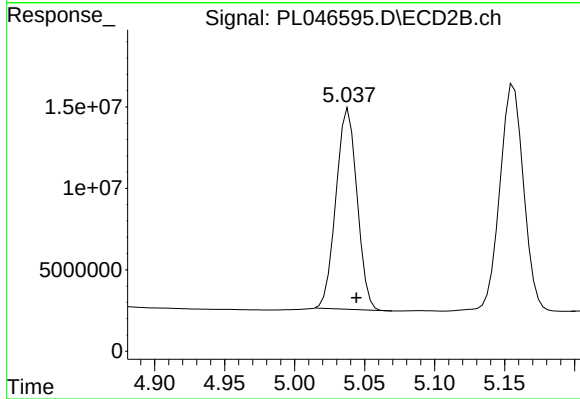
#7 delta-BHC

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 506239611
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

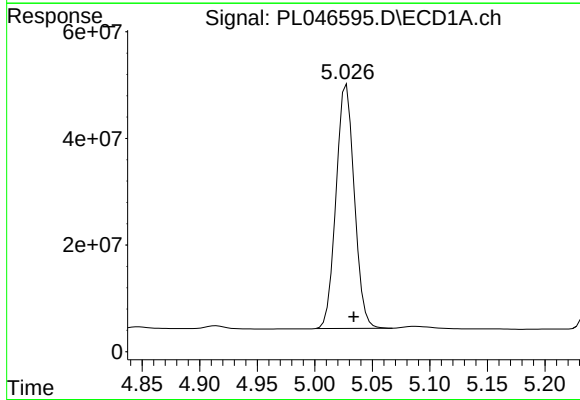
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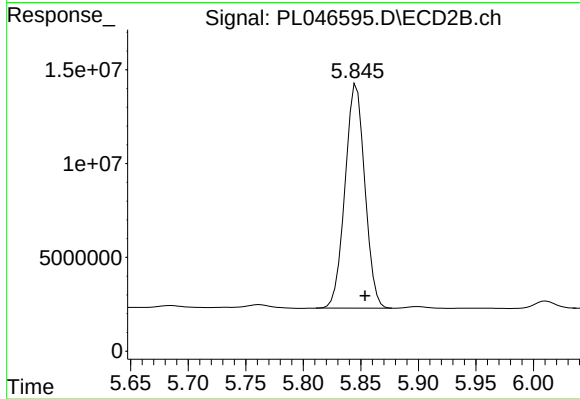
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 128971515
Conc: 55.59 ng/ml



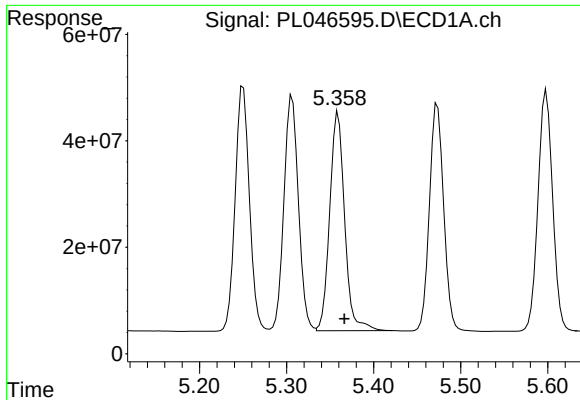
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 506006404
Conc: 51.88 ng/ml



#8 Heptachlor epoxide

R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 143622355
Conc: 54.46 ng/ml m



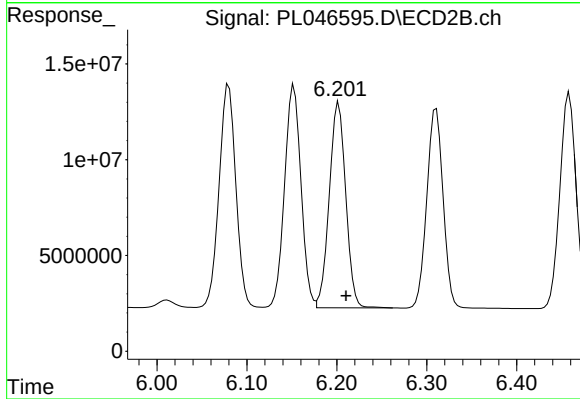
#9 Endosulfan I

R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 489933220
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

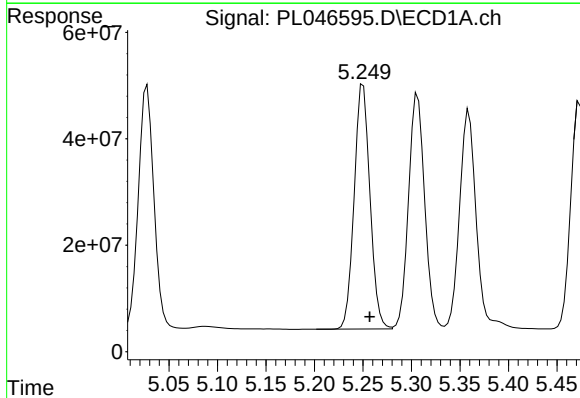
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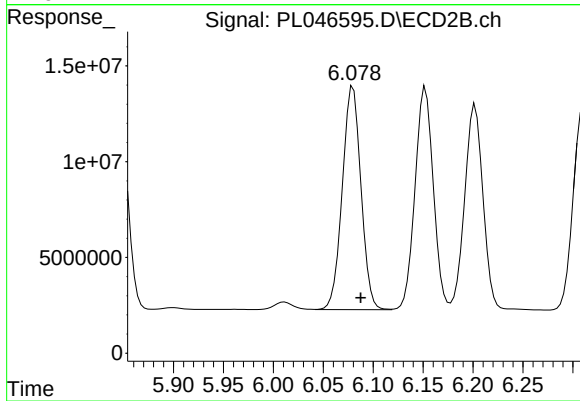
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 136803444
Conc: 52.42 ng/ml



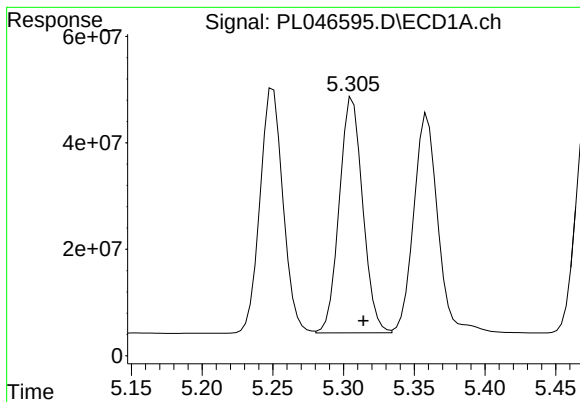
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 521710134
Conc: 50.79 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 151838826
Conc: 53.50 ng/ml



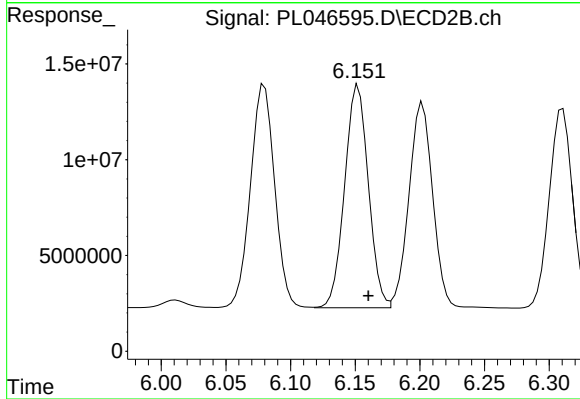
#11 alpha-Chlordane

R.T.: 5.306 min
Delta R.T.: -0.008 min
Response: 511249191
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

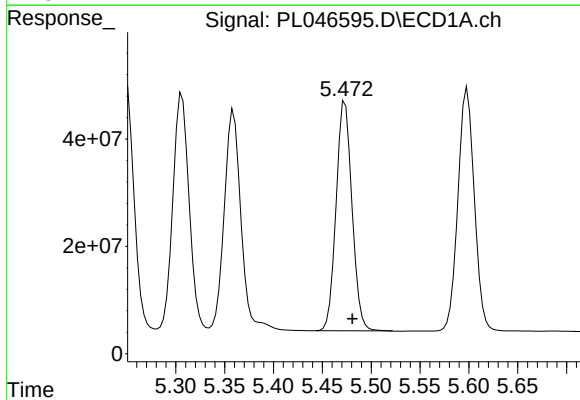
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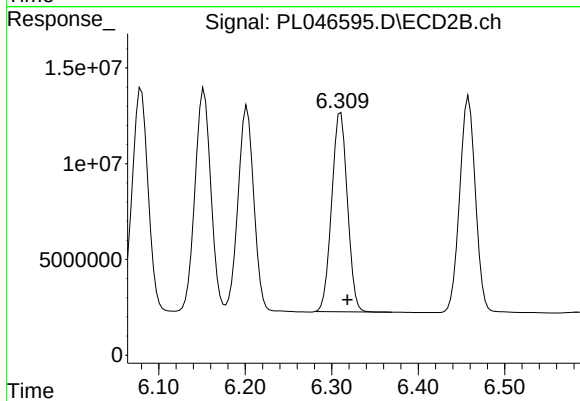
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 147996317
Conc: 52.17 ng/ml



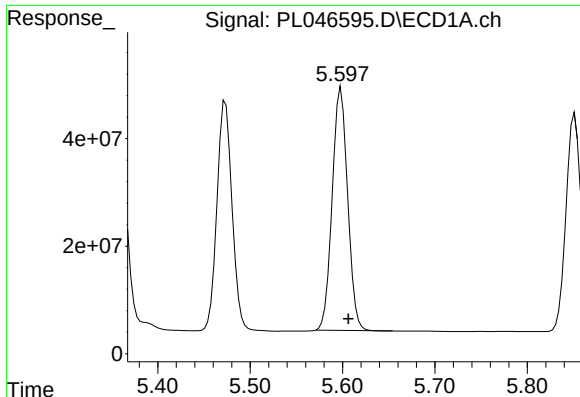
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.009 min
Response: 485571496
Conc: 52.74 ng/ml m



#12 4,4'-DDE

R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 130995286
Conc: 52.77 ng/ml



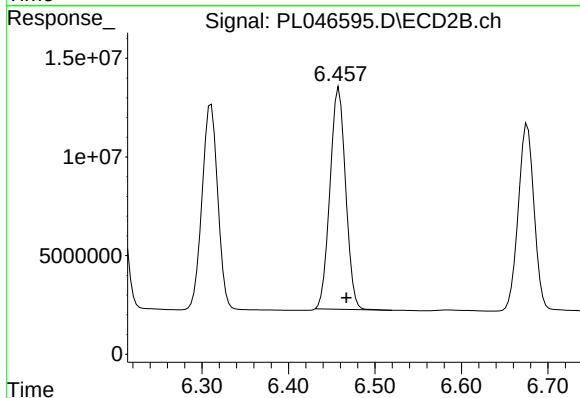
#13 Dieldrin

R.T.: 5.598 min
Delta R.T.: -0.008 min
Response: 524448113
Conc: 52.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

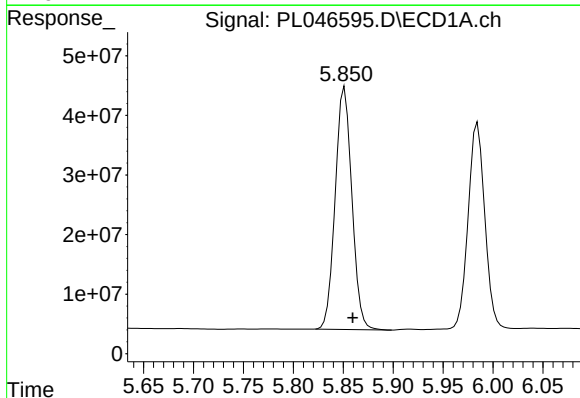
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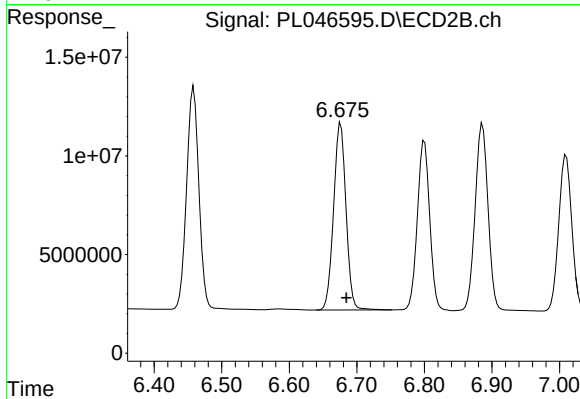
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 140911832
Conc: 51.98 ng/ml



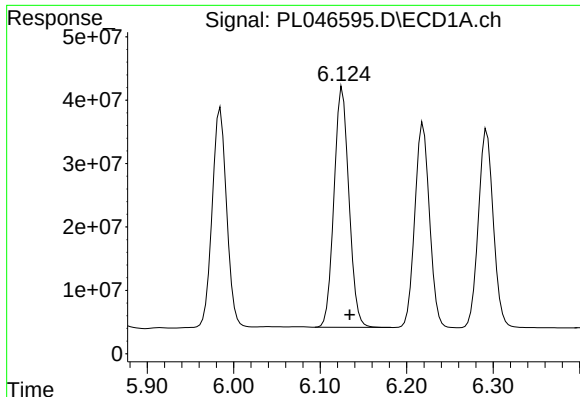
#14 Endrin

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 473708239
Conc: 50.29 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 121651280
Conc: 50.91 ng/ml



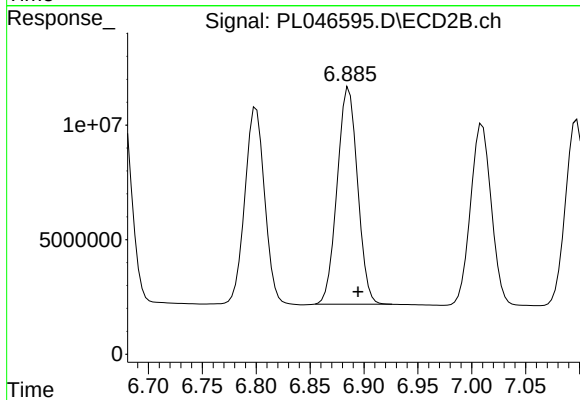
#15 Endosulfan II

R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 452120092
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

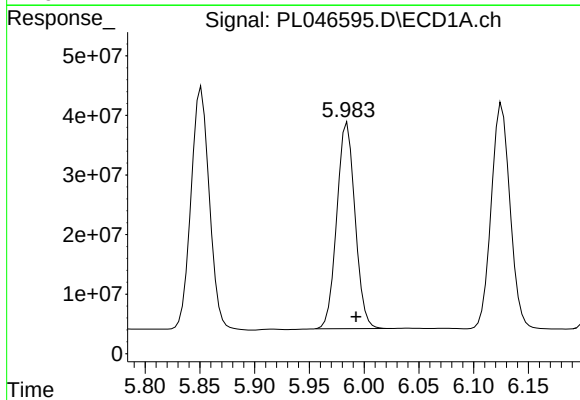
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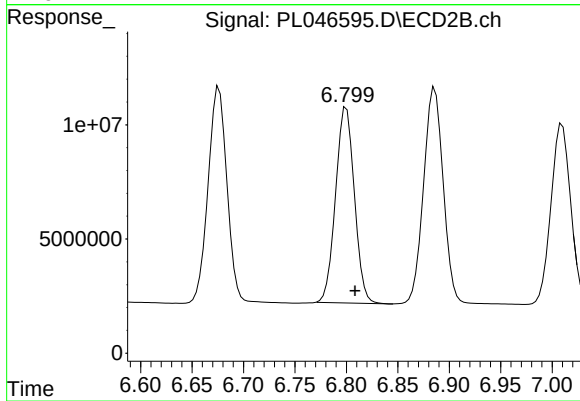
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 124779325
Conc: 51.71 ng/ml



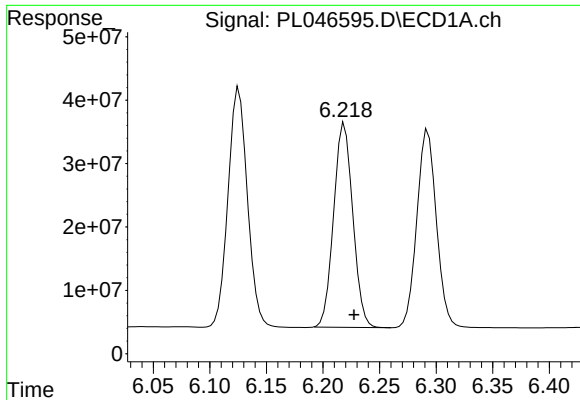
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 400295815
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 108839654
Conc: 54.09 ng/ml



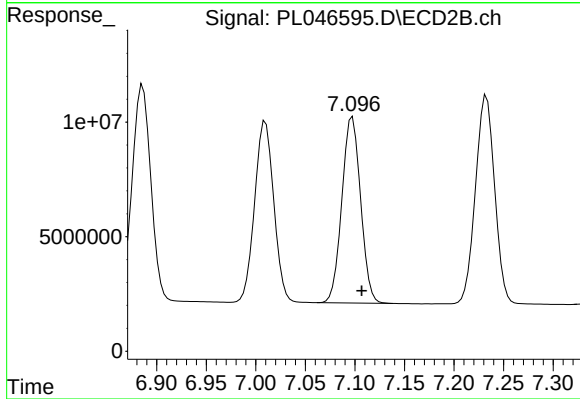
#17 4,4'-DDT

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 379574376
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

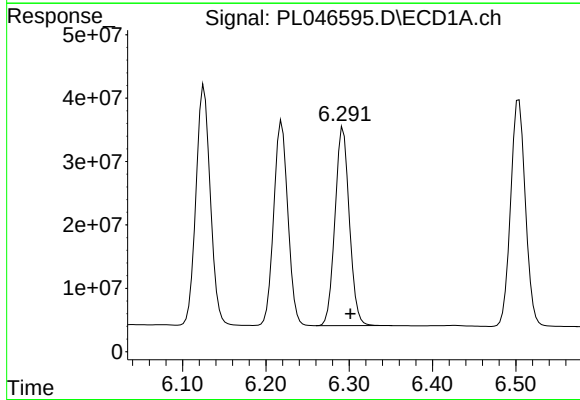
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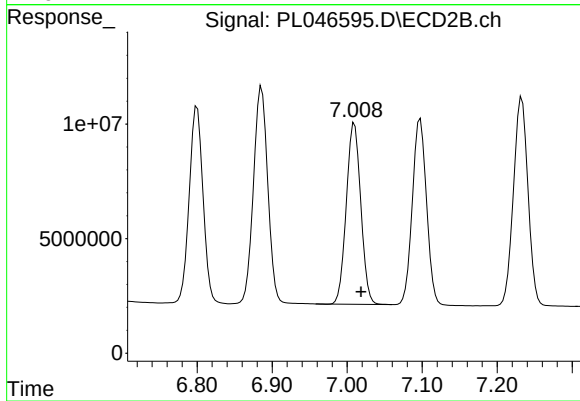
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 106911995
Conc: 50.98 ng/ml m



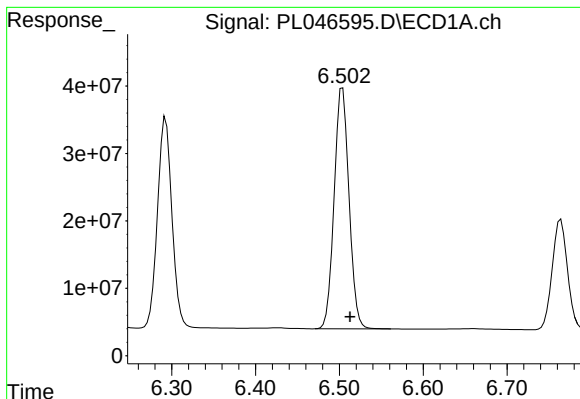
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.009 min
Response: 375408912
Conc: 50.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: -0.009 min
Response: 106171317
Conc: 49.99 ng/ml



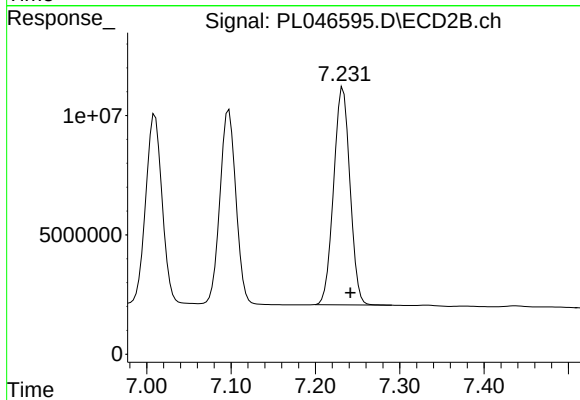
#19 Endosulfan Sulfate

R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 440147146
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

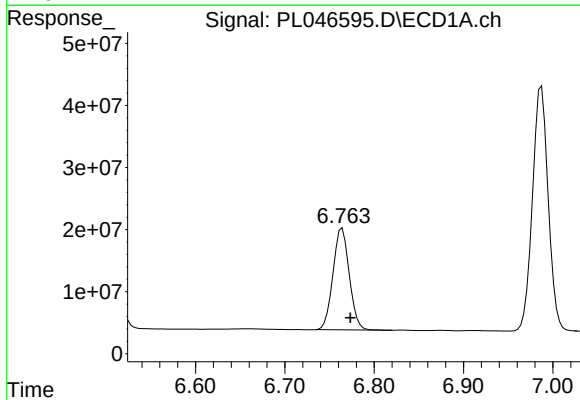
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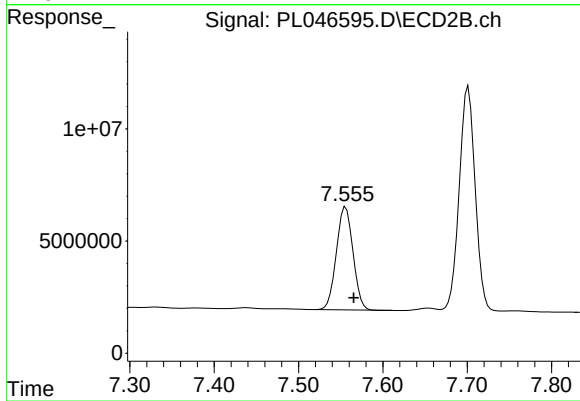
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 122801364
Conc: 52.06 ng/ml



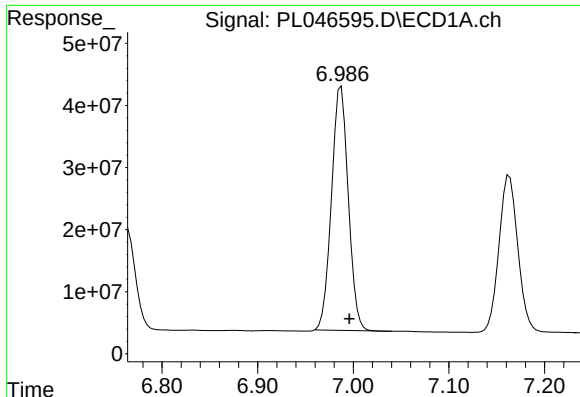
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 207358190
Conc: 48.79 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 62905384
Conc: 49.35 ng/ml



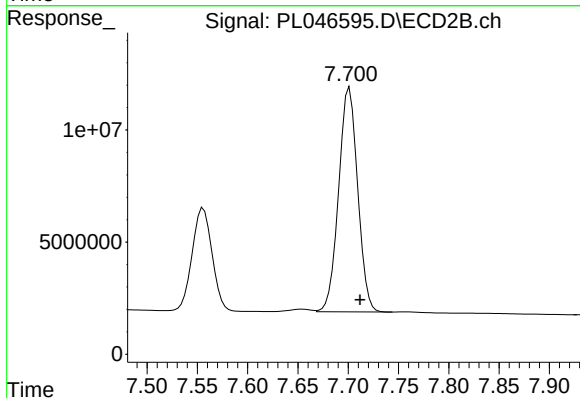
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.009 min
Response: 478544258
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

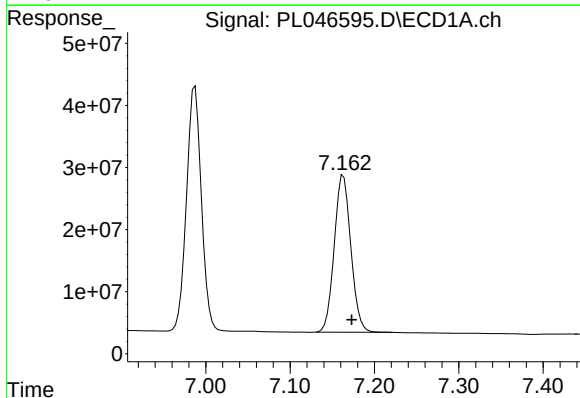
Manual Integrations
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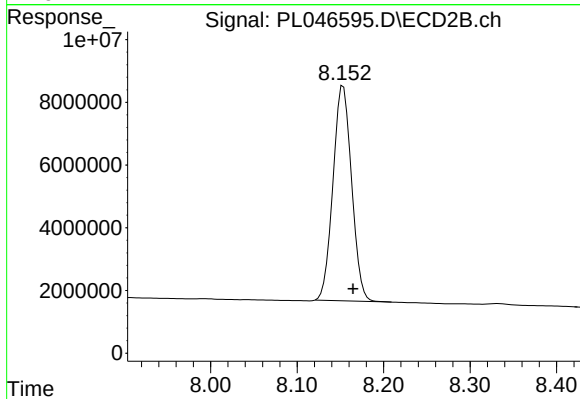
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.011 min
Response: 131452053
Conc: 52.91 ng/ml



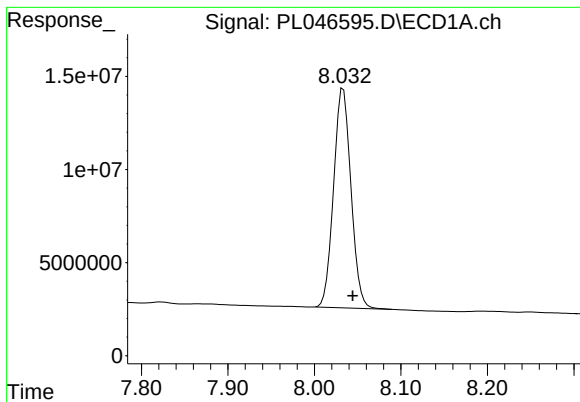
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 346449376
Conc: 47.55 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.011 min
Response: 102168539
Conc: 51.08 ng/ml



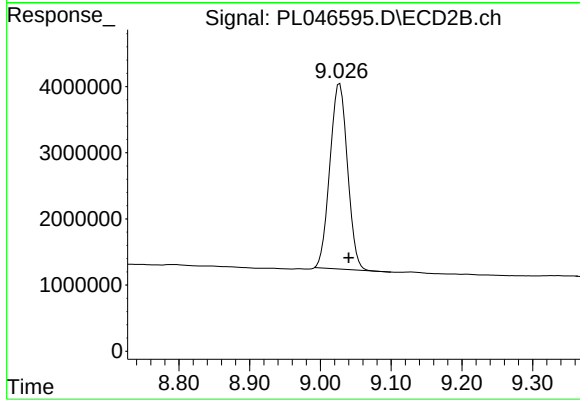
#28 Decachlorobiphenyl

R.T.: 8.033 min
Delta R.T.: -0.011 min
Response: 163576989
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MSD

Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:51 PM



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: -0.013 min
Response: 48392886
Conc: 20.87 ng/ml