

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032819\
 Data File : PL046691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2019 05:30
 Operator : AJ\SJ
 Sample : K2107-02MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-1MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 08:18:14 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...	3.359	3.977	137.4E6	46039162	18.890	20.108
28)	SA Decachlor...	8.035	9.029	194.6E6	54588703	23.131	23.545
Target Compounds							
2)	A alpha-BHC	3.788	4.367	654.7E6	187.3E6	56.141	58.292
3)	MA gamma-BHC...	4.065	4.652	607.3E6	175.1E6	56.525	58.491
4)	MA Heptachlor	4.352	5.158	632.4E6	178.8E6	57.360	58.122
5)	MB Aldrin	4.592	5.462	608.9E6	171.8E6	59.026	59.963
6)	B beta-BHC	4.318	4.824	247.1E6	78092123	54.877	58.907
7)	B delta-BHC	4.514	5.039	574.3E6	148.2E6	56.729	63.878m
8)	B Heptachlo...	5.029	5.848	566.6E6	157.2E6	58.095	59.626
9)	A Endosulfan I	5.361	6.204	535.6E6	151.5E6	56.962	58.056
10)	B gamma-Chl...	5.252	6.082	584.4E6	165.2E6	56.888	58.192
11)	B alpha-Chl...	5.308	6.154	573.8E6	163.8E6	56.592	57.727
12)	B 4,4'-DDE	5.475	6.313	539.3E6	147.8E6	58.572	59.532
13)	MA Dieldrin	5.601	6.461	582.8E6	158.1E6	58.076	58.334
14)	MA Endrin	5.853	6.679	514.0E6	132.7E6	54.572	55.520
15)	B Endosulfa...	6.128	6.888	505.2E6	139.6E6	56.392	57.867
16)	A 4,4'-DDD	5.986	6.803	457.7E6	124.0E6	60.547	61.645
17)	MA 4,4'-DDT	6.222	7.100	427.2E6	118.2E6	56.395	56.373
18)	B Endrin al...	6.295	7.012	424.7E6	121.4E6	56.658	57.137
19)	B Endosulfa...	6.506	7.235	495.0E6	139.1E6	60.285	58.959
20)	A Methoxychlor	6.766	7.559	225.3E6	68799930	53.014	53.970
21)	B Endrin ke...	6.989	7.705	568.2E6	152.7E6	61.449	61.452
22)	Mirex	7.165	8.156	402.8E6	116.8E6	55.294	58.419

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032819\
Data File : PL046691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2019 05:30
Operator : AJ\SJ
Sample : K2107-02MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

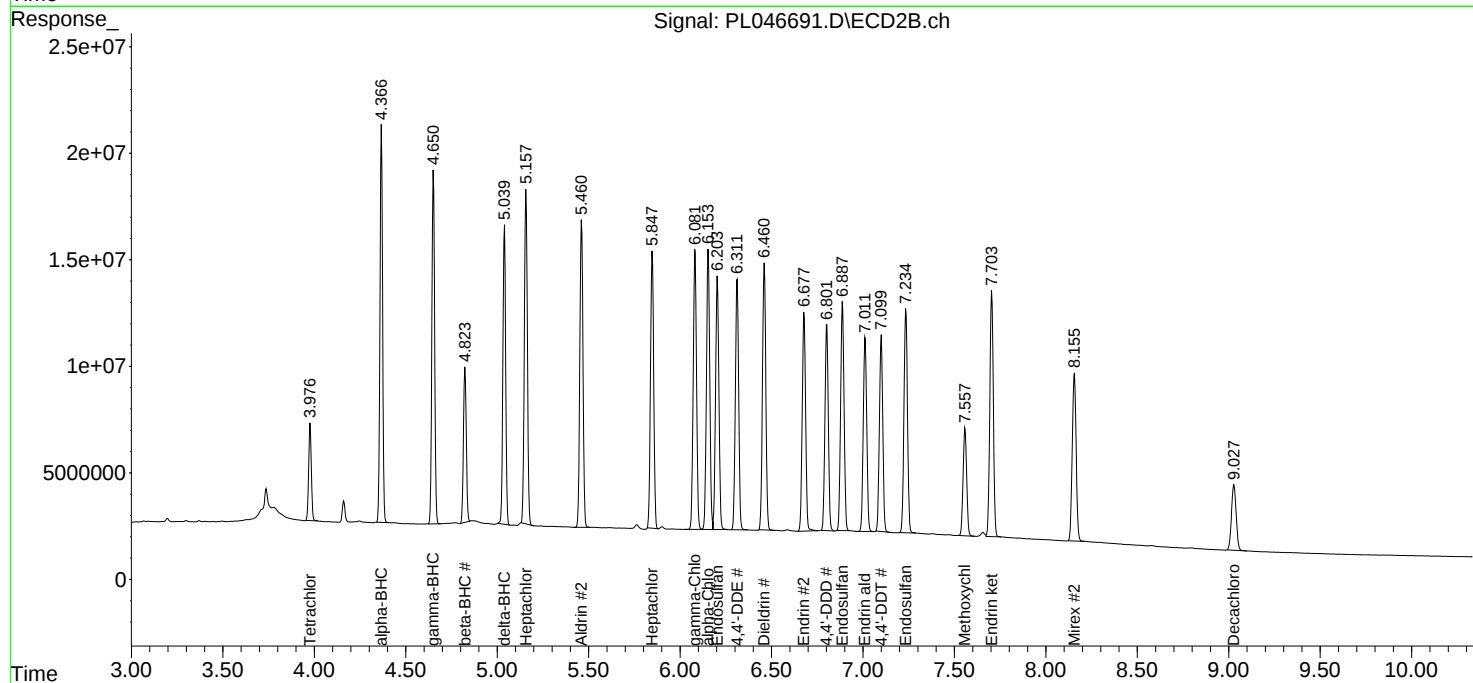
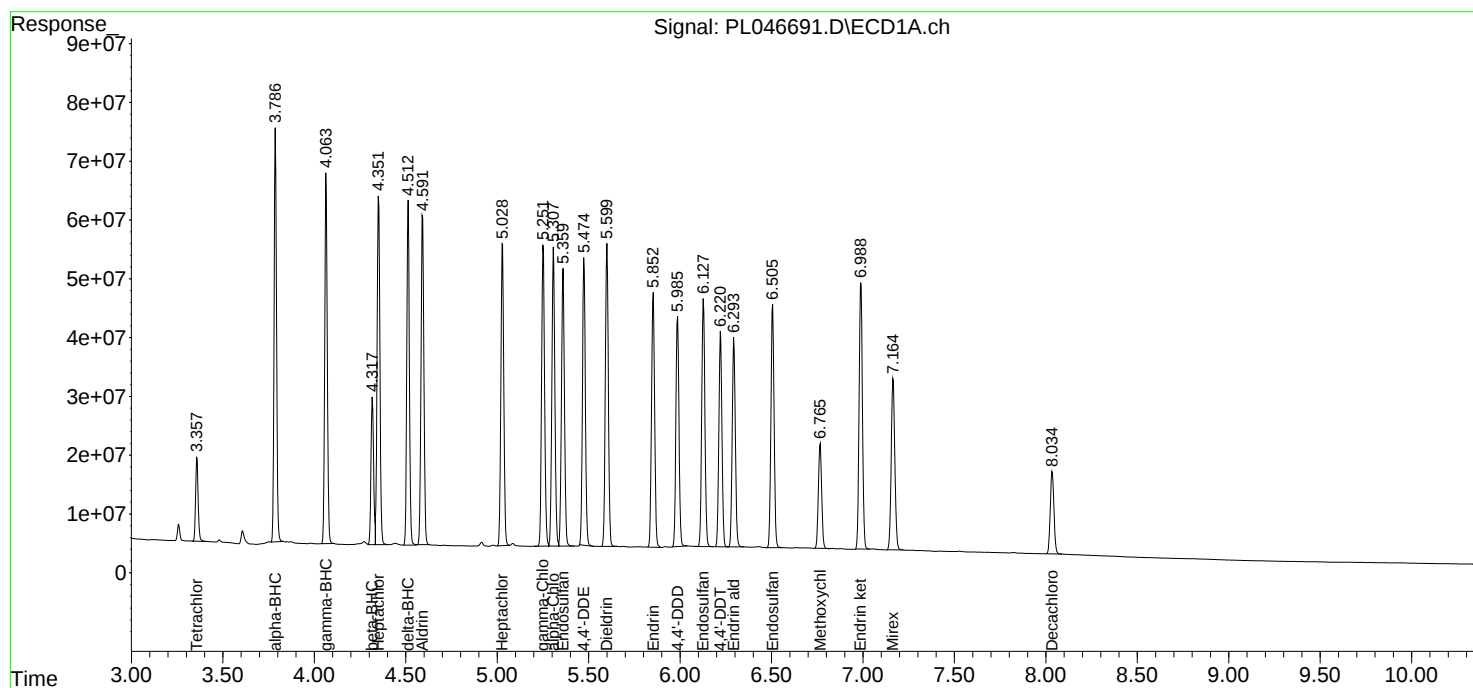
Instrument :
ECD_L
ClientSampleId :
TP-1MSD

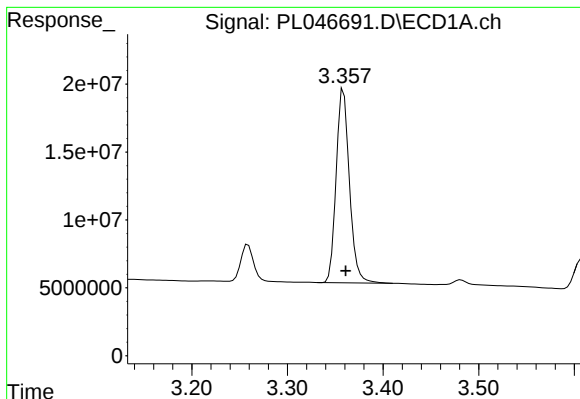
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 08:18:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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Volume 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





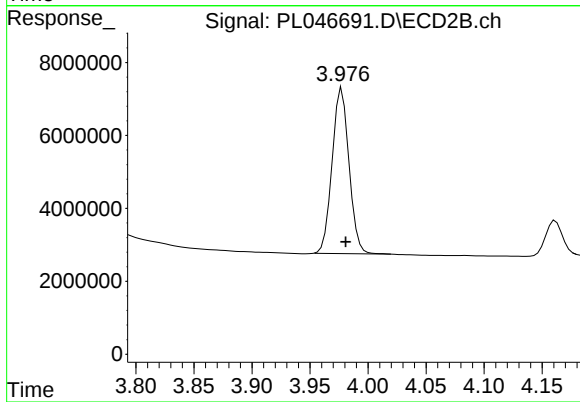
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 137417301
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

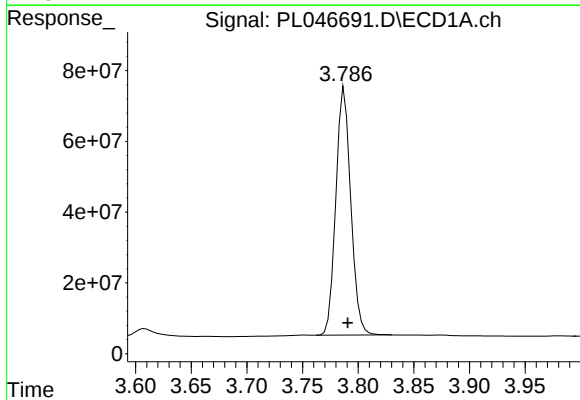
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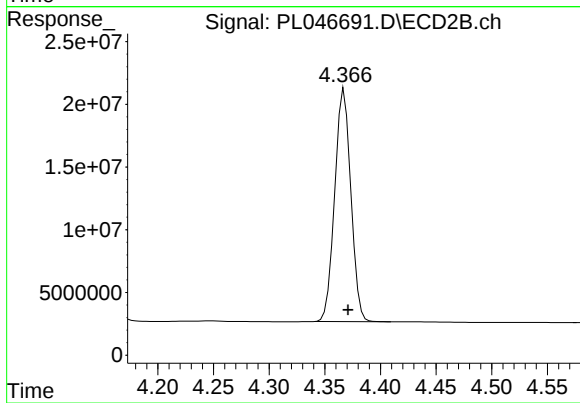
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 46039162
Conc: 20.11 ng/ml



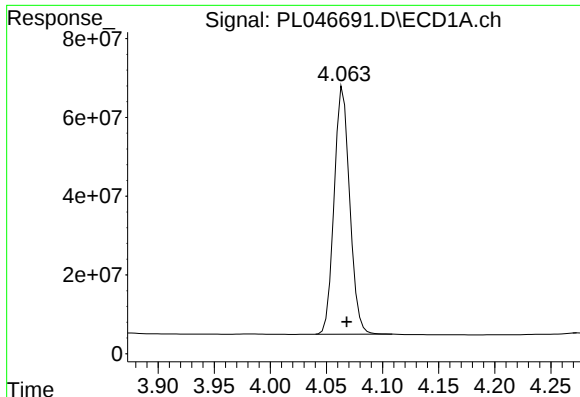
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 654719310
Conc: 56.14 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 187310226
Conc: 58.29 ng/ml



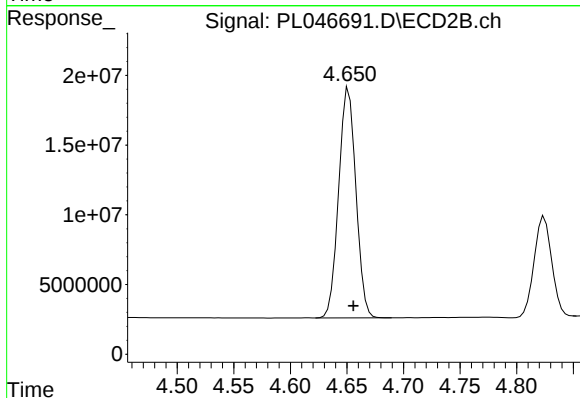
#3 gamma-BHC (Lindane)

R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 607331932
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

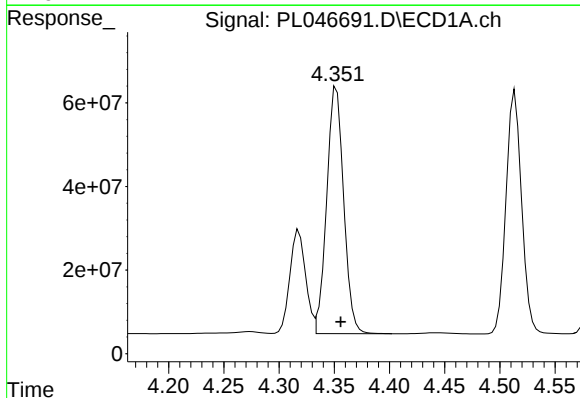
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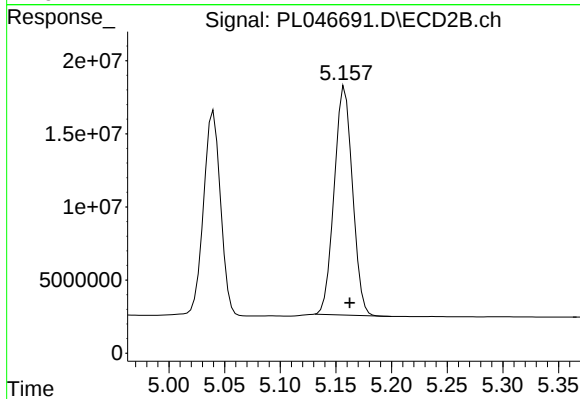
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 175063338
Conc: 58.49 ng/ml



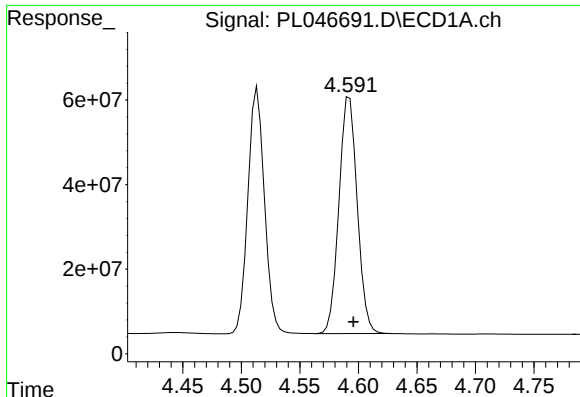
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 632407419
Conc: 57.36 ng/ml



#4 Heptachlor

R.T.: 5.158 min
Delta R.T.: -0.004 min
Response: 178777948
Conc: 58.12 ng/ml



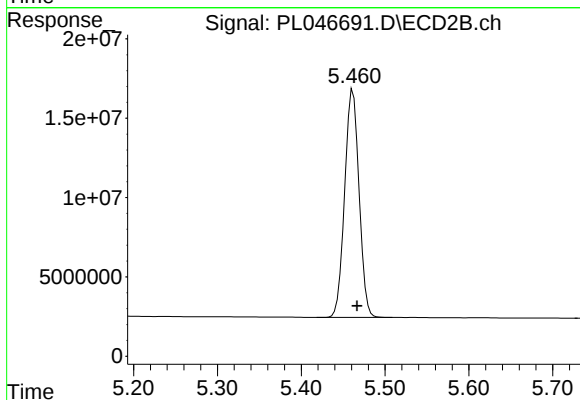
#5 Aldrin

R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 608850518
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

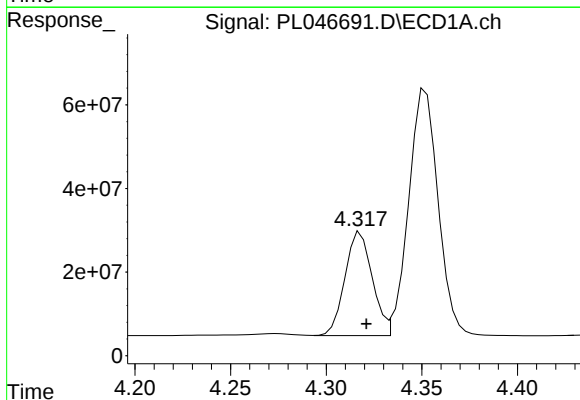
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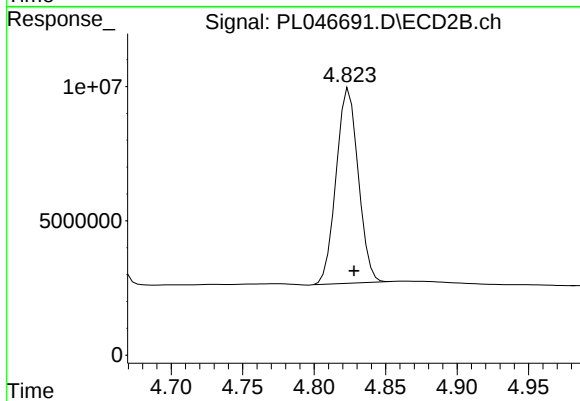
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 171793191
Conc: 59.96 ng/ml



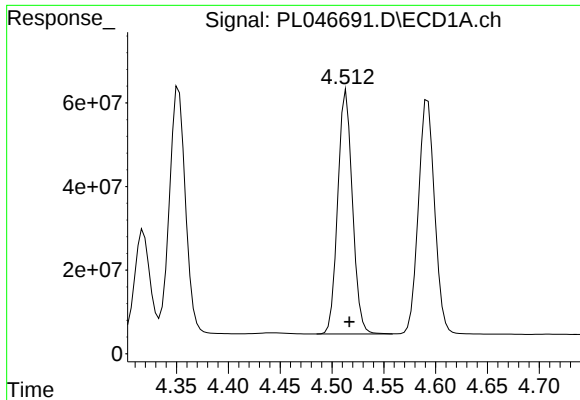
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 247078044
Conc: 54.88 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 78092123
Conc: 58.91 ng/ml



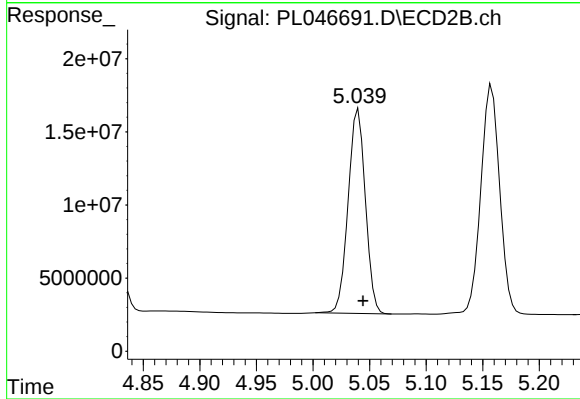
#7 delta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 574274484
Conc: 56.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

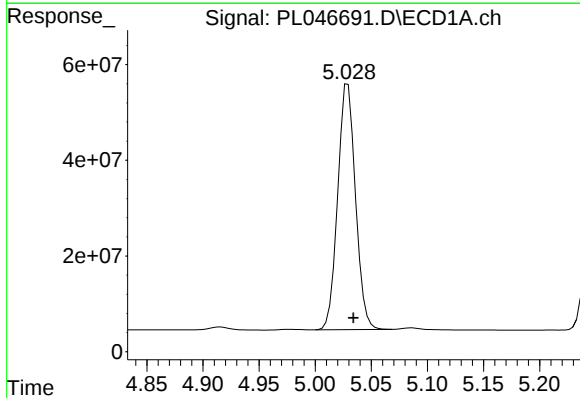
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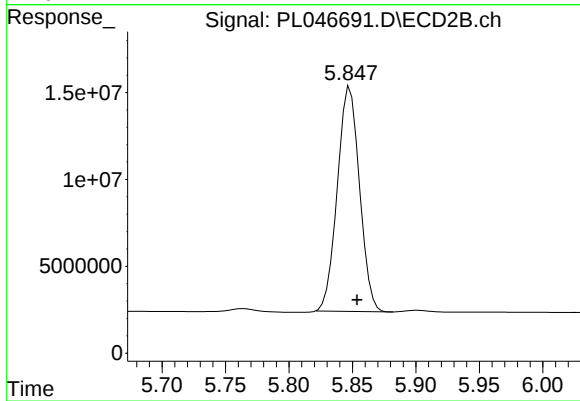
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 148208561
Conc: 63.88 ng/ml m



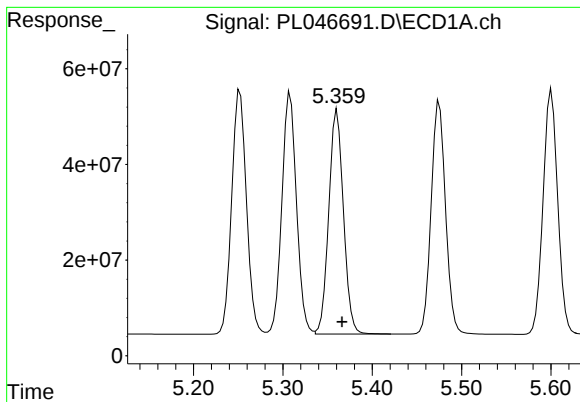
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 566636720
Conc: 58.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: -0.005 min
Response: 157244329
Conc: 59.63 ng/ml



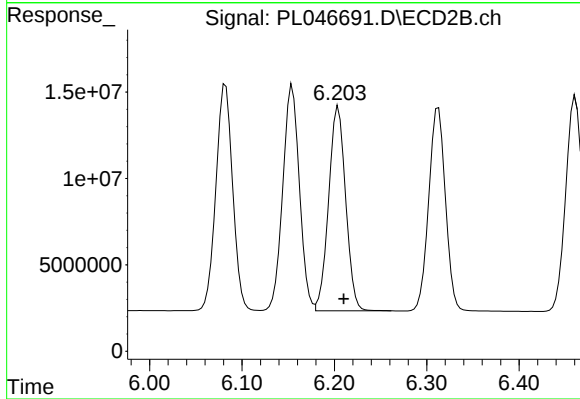
#9 Endosulfan I

R.T.: 5.361 min
Delta R.T.: -0.006 min
Response: 535572830
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

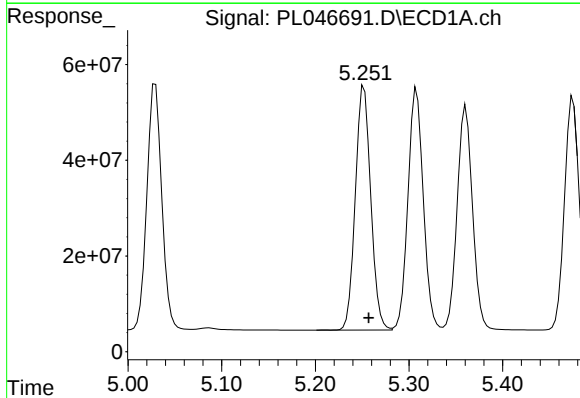
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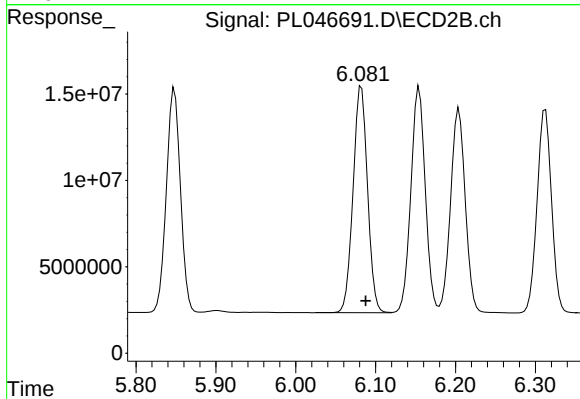
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 151517709
Conc: 58.06 ng/ml



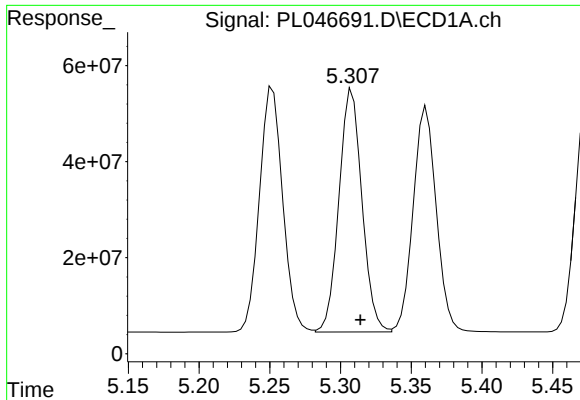
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 584385549
Conc: 56.89 ng/ml



#10 gamma-Chlordane

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 165152885
Conc: 58.19 ng/ml



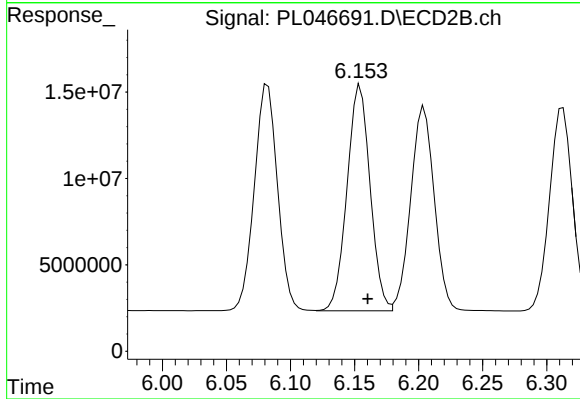
#11 alpha-Chlordane

R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 573792236
Conc: 56.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

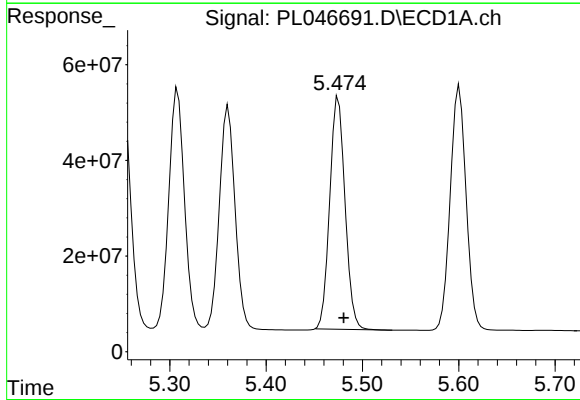
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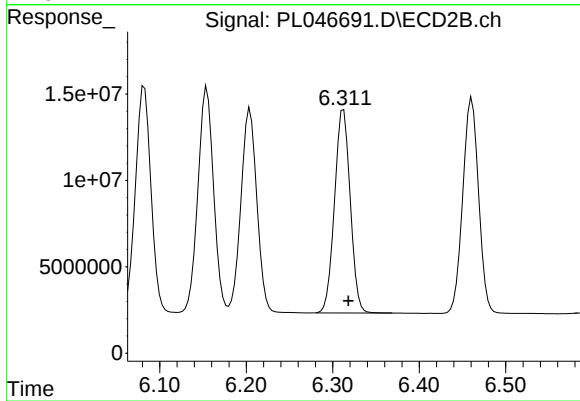
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 163753264
Conc: 57.73 ng/ml



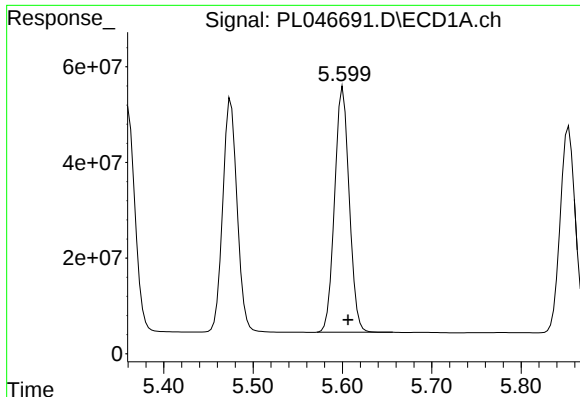
#12 4,4'-DDE

R.T.: 5.475 min
Delta R.T.: -0.006 min
Response: 539266565
Conc: 58.57 ng/ml



#12 4,4'-DDE

R.T.: 6.313 min
Delta R.T.: -0.005 min
Response: 147777052
Conc: 59.53 ng/ml



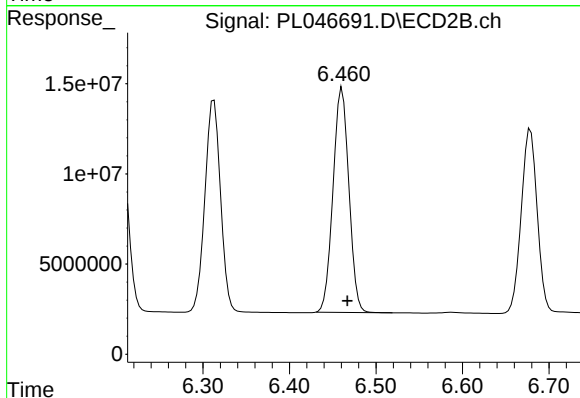
#13 Dieldrin

R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 582824781
Conc: 58.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

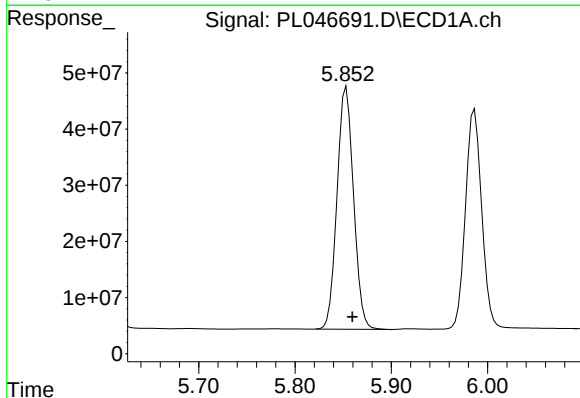
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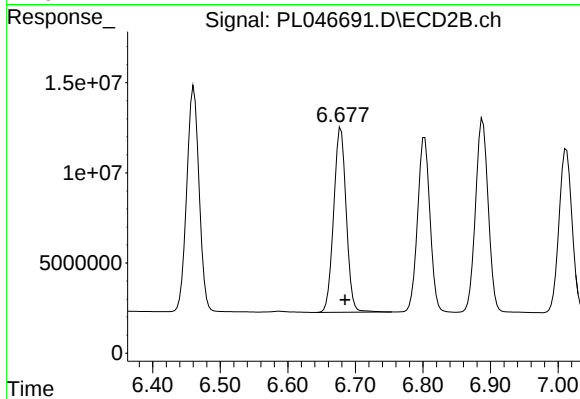
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 158124479
Conc: 58.33 ng/ml



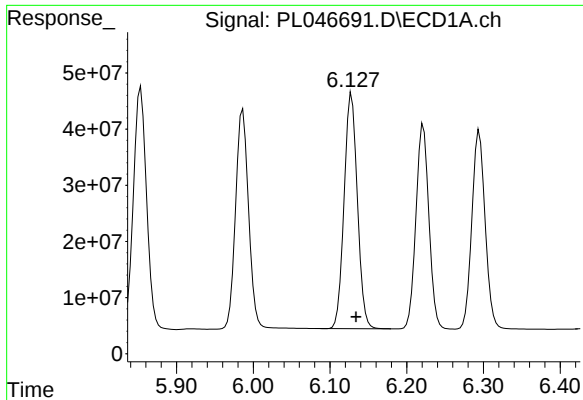
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 514025059
Conc: 54.57 ng/ml



#14 Endrin

R.T.: 6.679 min
Delta R.T.: -0.006 min
Response: 132679475
Conc: 55.52 ng/ml



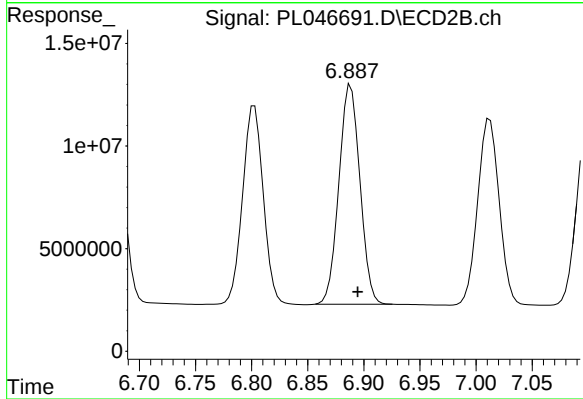
#15 Endosulfan II

R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 505247893
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

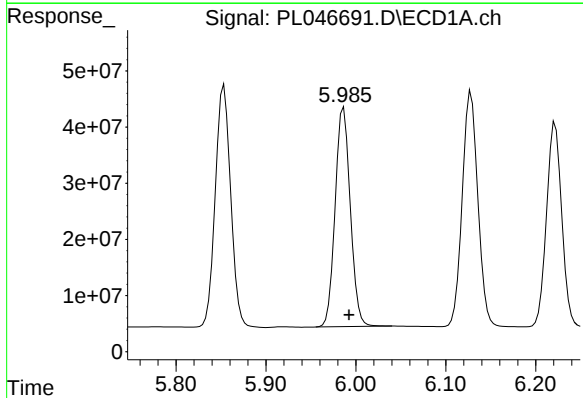
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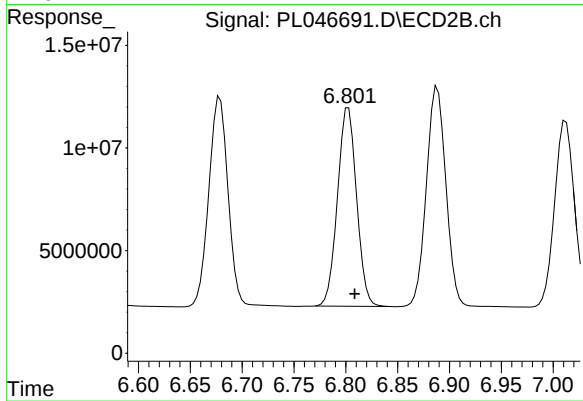
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.006 min
Response: 139625950
Conc: 57.87 ng/ml



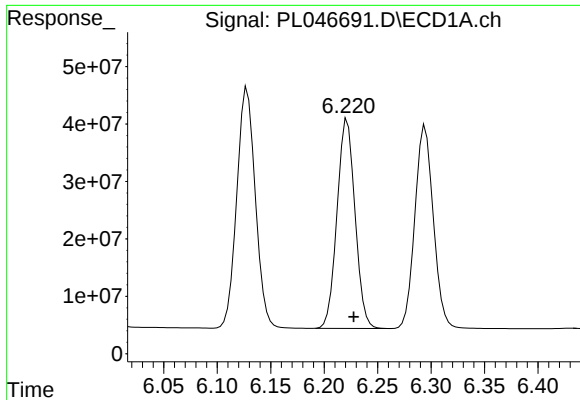
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 457674886
Conc: 60.55 ng/ml



#16 4,4'-DDD

R.T.: 6.803 min
Delta R.T.: -0.006 min
Response: 124032727
Conc: 61.65 ng/ml



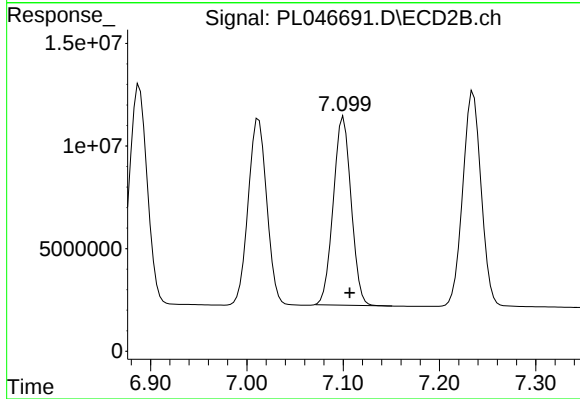
#17 4,4'-DDT

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 427158591
Conc: 56.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

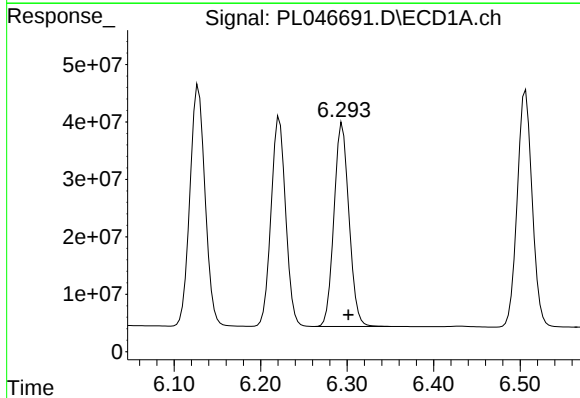
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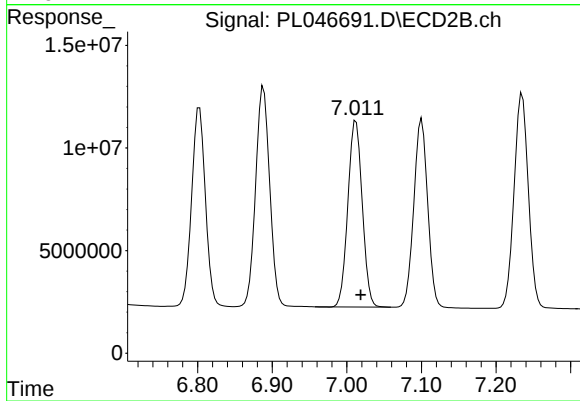
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.006 min
Response: 118212113
Conc: 56.37 ng/ml



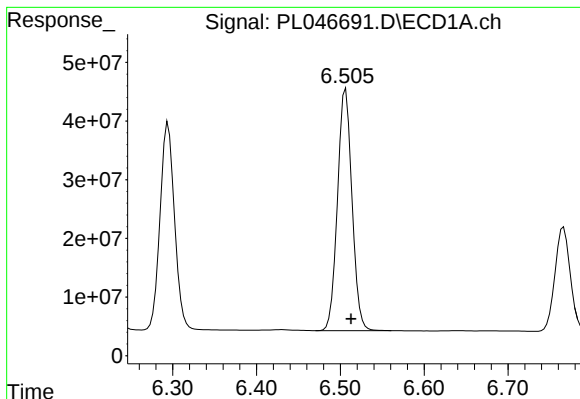
#18 Endrin aldehyde

R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 424657551
Conc: 56.66 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: -0.006 min
Response: 121357725
Conc: 57.14 ng/ml



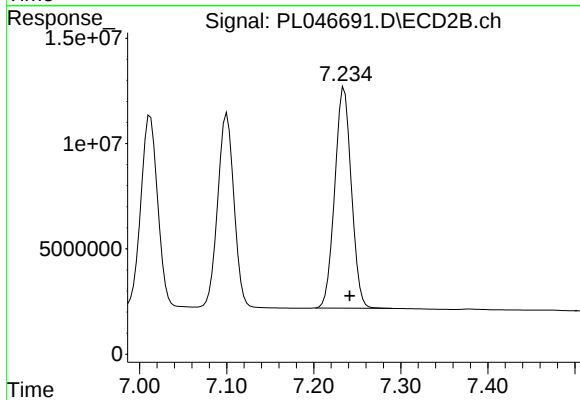
#19 Endosulfan Sulfate

R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 495011900
Conc: 60.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

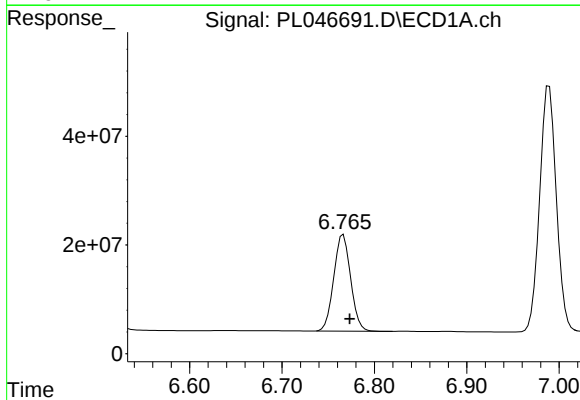
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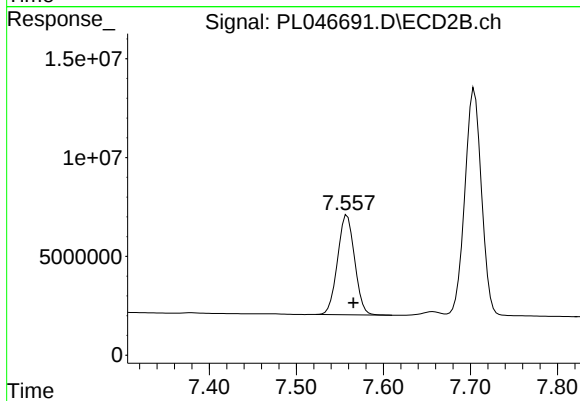
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 139084728
Conc: 58.96 ng/ml



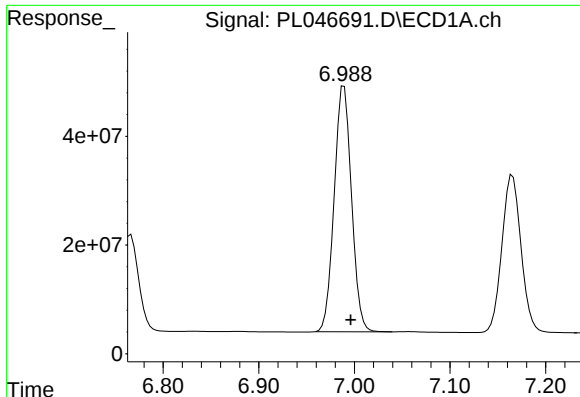
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 225300829
Conc: 53.01 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.007 min
Response: 68799930
Conc: 53.97 ng/ml



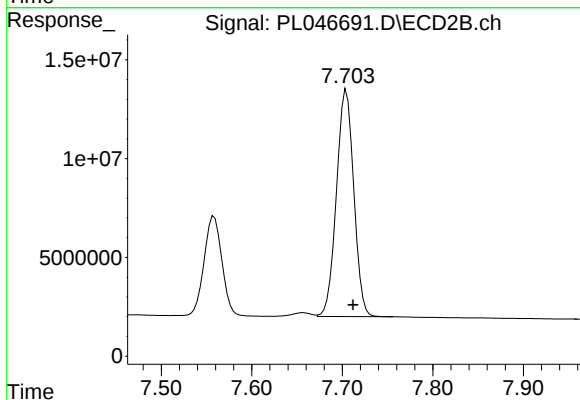
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.007 min
Response: 568203900
Conc: 61.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

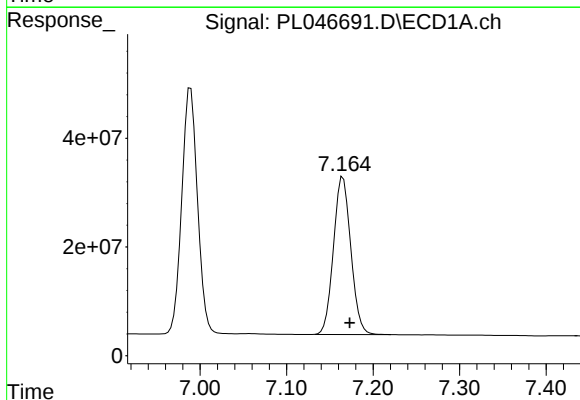
Manual Integrations
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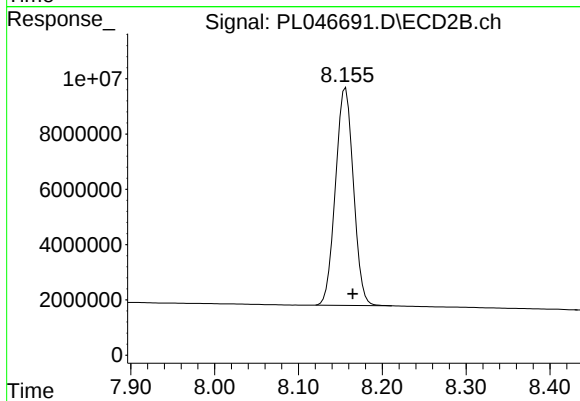
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 152679734
Conc: 61.45 ng/ml



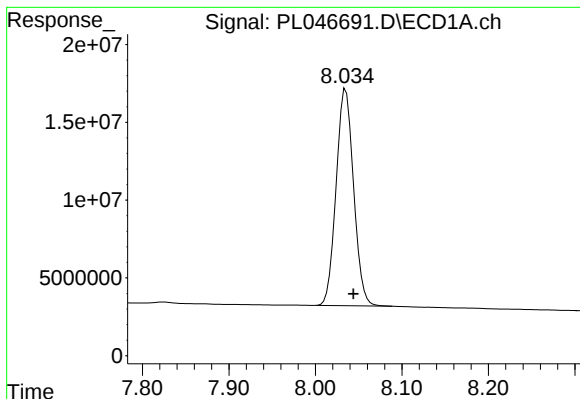
#22 Mirex

R.T.: 7.165 min
Delta R.T.: -0.008 min
Response: 402846371
Conc: 55.29 ng/ml



#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.008 min
Response: 116847815
Conc: 58.42 ng/ml



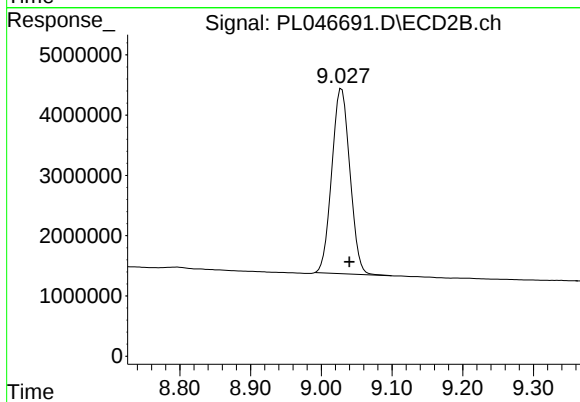
#28 Decachlorobiphenyl

R.T.: 8.035 min
Delta R.T.: -0.009 min
Response: 194553554
Conc: 23.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

Manual Integrations
APPROVED

mohammad
3/29/2019 10:16:45 AM



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: -0.011 min
Response: 54588703
Conc: 23.55 ng/ml