

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113021\
 Data File : PL071190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/01/2021
 Supervised By : Ankita Jodhani 12/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 16:36:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 2021
 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...	4.567	5.503	9188765	24219127	19.563	19.299
28)	SA Decachlor...	10.330	11.395	15046600	28041102	20.780	20.173
Target Compounds							
2)	A alpha-BHC	5.273	6.083	5791167	16725791	8.859	9.034
3)	MA gamma-BHC...	5.696	6.480	5619633	15727620	8.800	8.935
6)	B beta-BHC	6.077	6.737	3173897	8982567	10.484m	10.206
12)	B 4,4'-DDE	7.567	8.502	134893	422766	0.238m	0.275m
14)	MA Endrin	7.985	8.897	27202074	64417413	48.098	48.006
16)	A 4,4'-DDD	8.151	9.042	135588	189030	0.271m	0.163m#
17)	MA 4,4'-DDT	8.414	9.360	54604815	127.5E6	99.824	91.632
18)	B Endrin al...	8.495	9.266	137313	265379	0.300m	0.257m
20)	A Methoxychlor	9.009	9.847	79817200	169.0E6	220.919	233.137
21)	B Endrin ke...	9.231	9.999	511587	961170	0.718m	0.656

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

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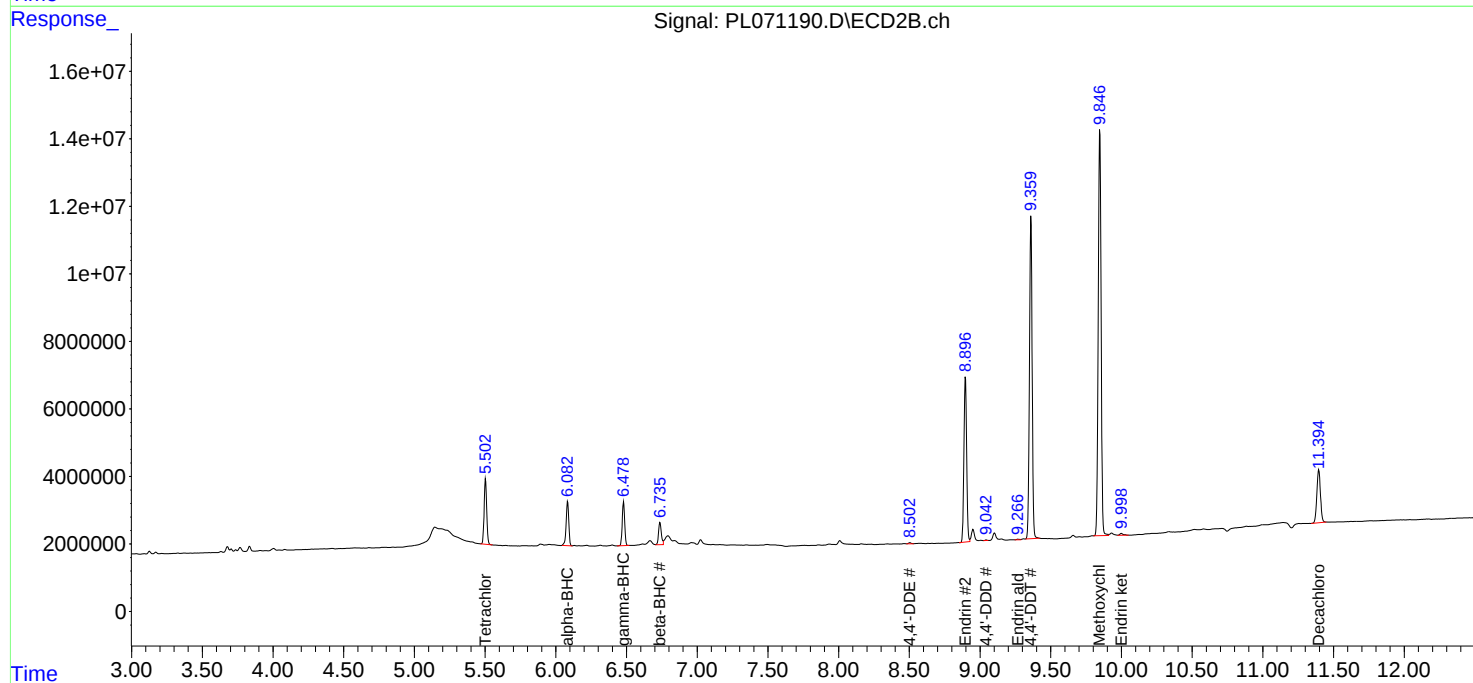
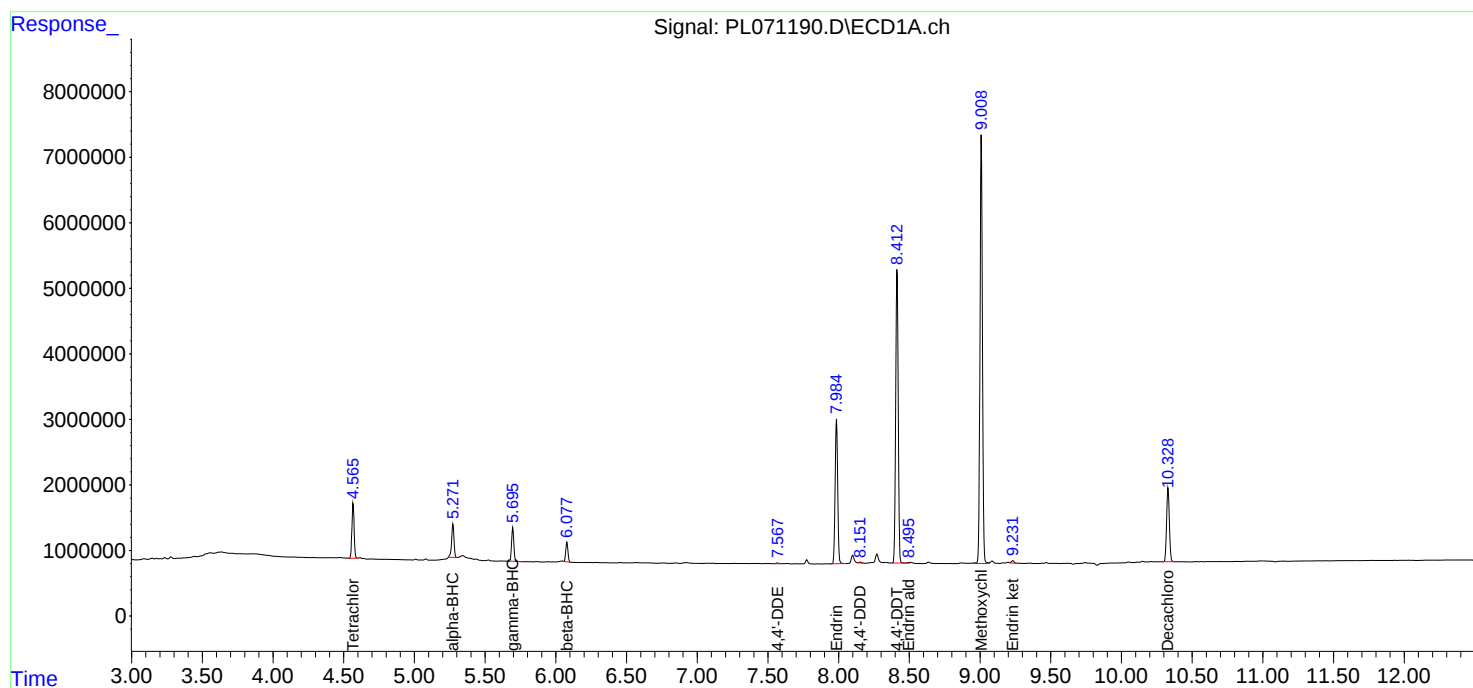
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ClientSampleId :
PEM

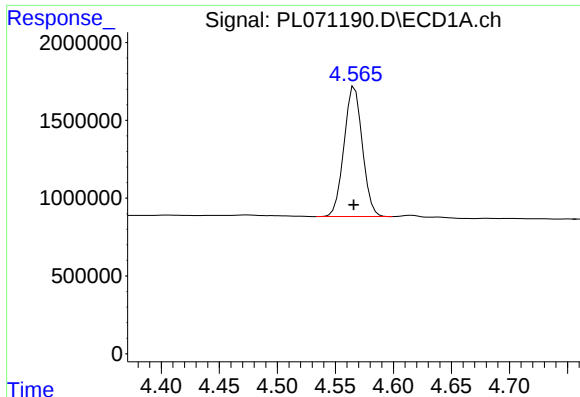
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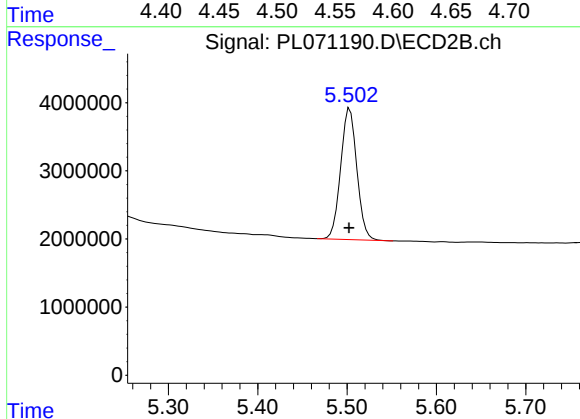
#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 9188765
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

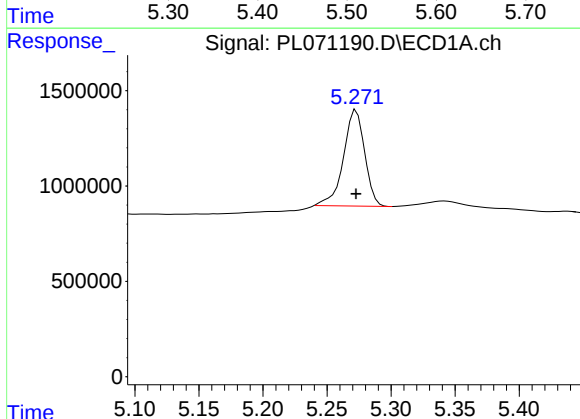
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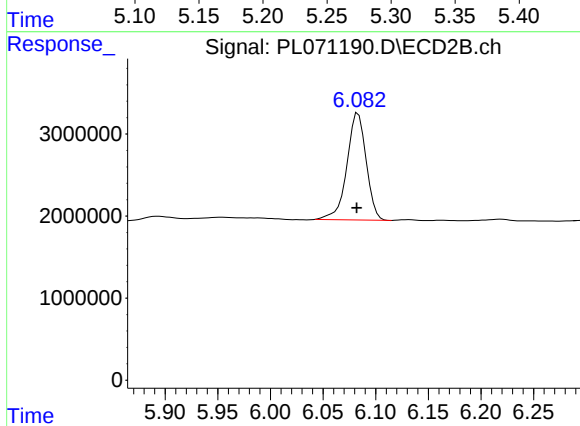
#1 Tetrachloro-m-xylene

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 24219127
Conc: 19.30 ng/ml



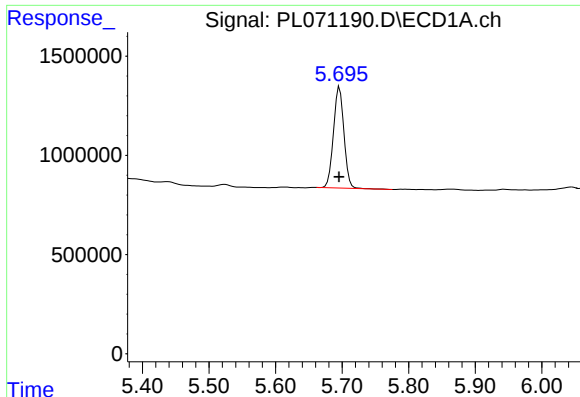
#2 alpha-BHC

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 5791167
Conc: 8.86 ng/ml



#2 alpha-BHC

R.T.: 6.083 min
Delta R.T.: 0.001 min
Response: 16725791
Conc: 9.03 ng/ml



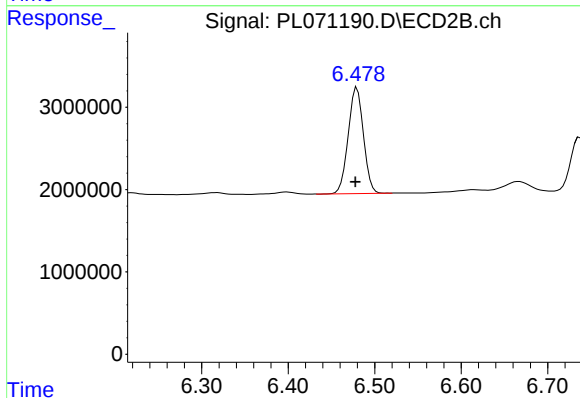
#3 gamma-BHC (Lindane)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 5619633
Conc: 8.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

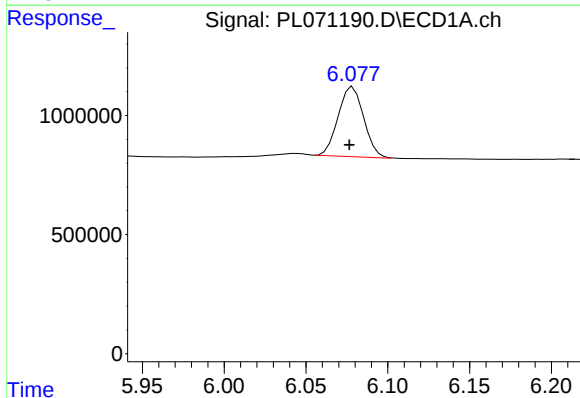
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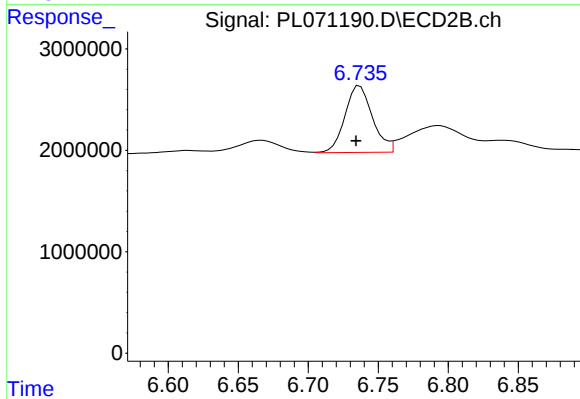
#3 gamma-BHC (Lindane)

R.T.: 6.480 min
Delta R.T.: 0.002 min
Response: 15727620
Conc: 8.94 ng/ml



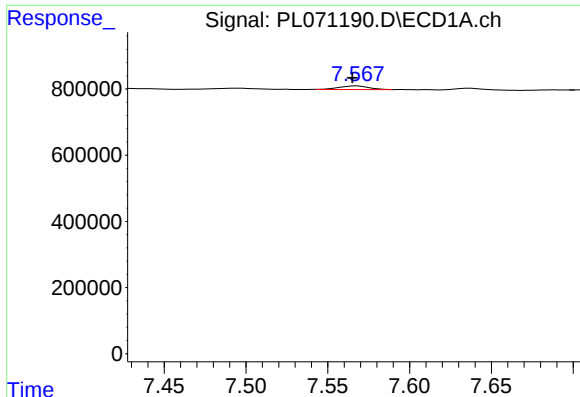
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 3173897
Conc: 10.48 ng/ml m



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.003 min
Response: 8982567
Conc: 10.21 ng/ml



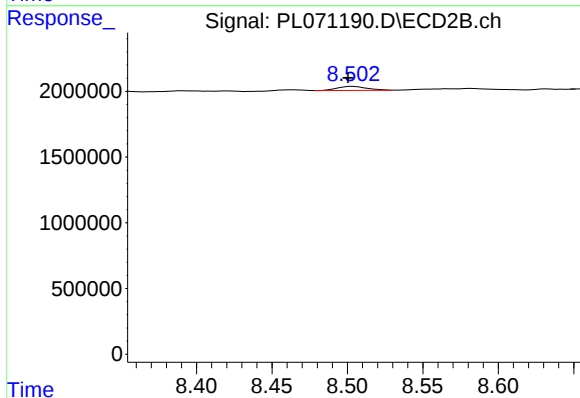
#12 4,4'-DDE

R.T.: 7.567 min
Delta R.T.: 0.002 min
Response: 134893
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

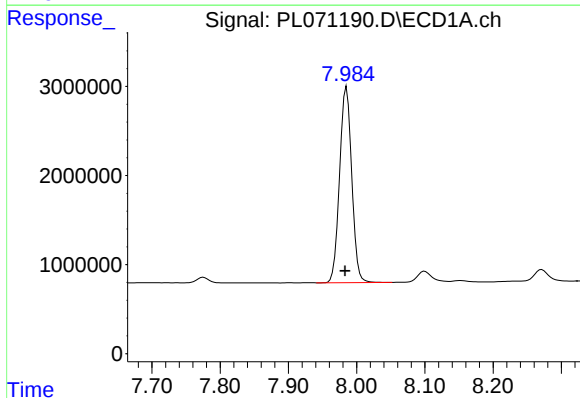
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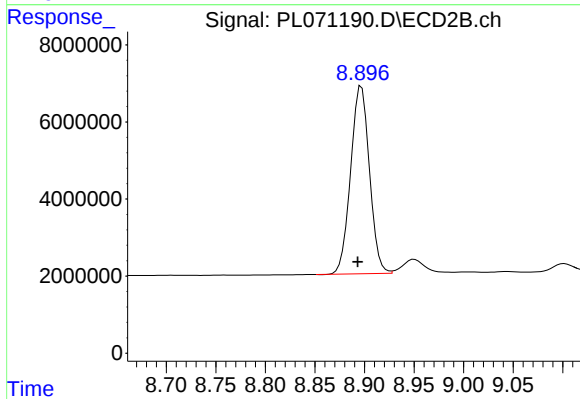
#12 4,4'-DDE

R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 422766
Conc: 0.27 ng/ml m



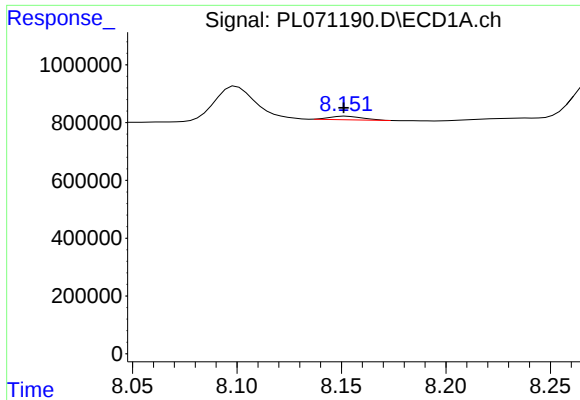
#14 Endrin

R.T.: 7.985 min
Delta R.T.: 0.002 min
Response: 27202074
Conc: 48.10 ng/ml



#14 Endrin

R.T.: 8.897 min
Delta R.T.: 0.004 min
Response: 64417413
Conc: 48.01 ng/ml



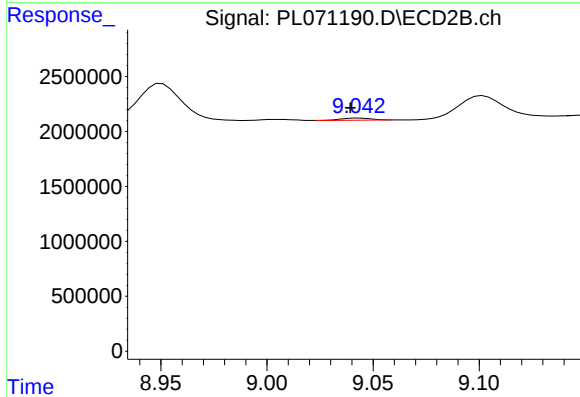
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 135588
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

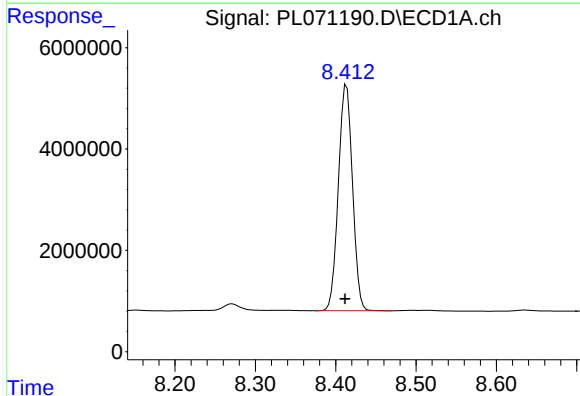
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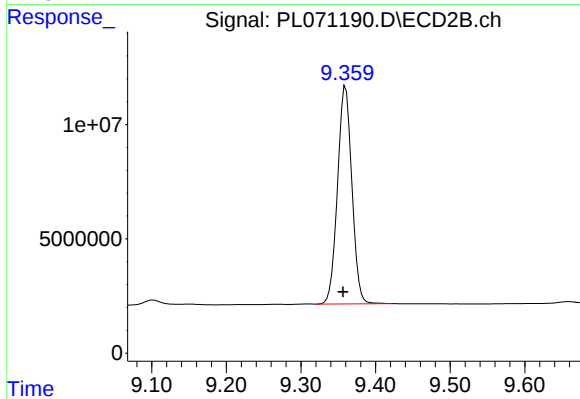
#16 4,4'-DDD

R.T.: 9.042 min
Delta R.T.: 0.003 min
Response: 189030
Conc: 0.16 ng/ml m



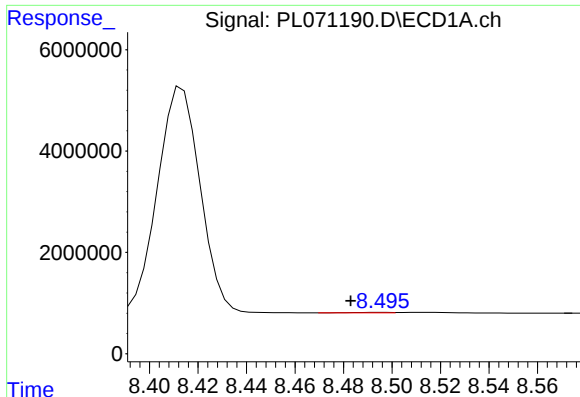
#17 4,4'-DDT

R.T.: 8.414 min
Delta R.T.: 0.002 min
Response: 54604815
Conc: 99.82 ng/ml



#17 4,4'-DDT

R.T.: 9.360 min
Delta R.T.: 0.004 min
Response: 127454112
Conc: 91.63 ng/ml



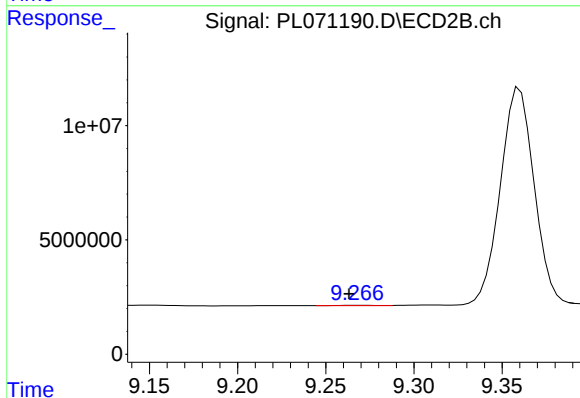
#18 Endrin aldehyde

R.T.: 8.495 min
Delta R.T.: 0.012 min
Response: 137313
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

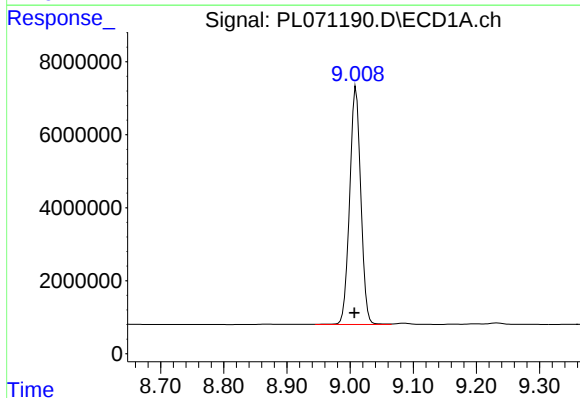
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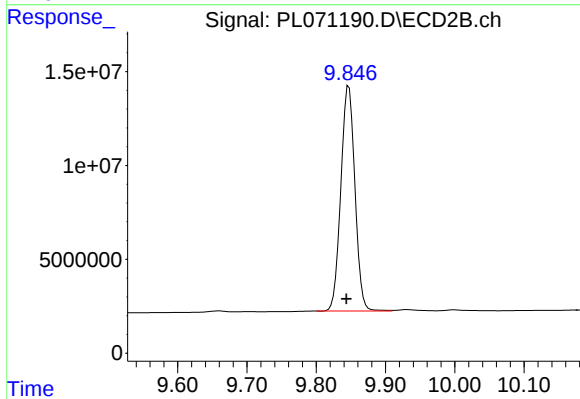
#18 Endrin aldehyde

R.T.: 9.266 min
Delta R.T.: 0.003 min
Response: 265379
Conc: 0.26 ng/ml m



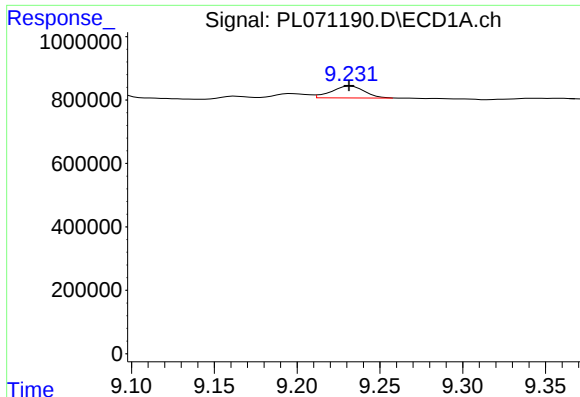
#20 Methoxychlor

R.T.: 9.009 min
Delta R.T.: 0.003 min
Response: 79817200
Conc: 220.92 ng/ml



#20 Methoxychlor

R.T.: 9.847 min
Delta R.T.: 0.004 min
Response: 169040260
Conc: 233.14 ng/ml



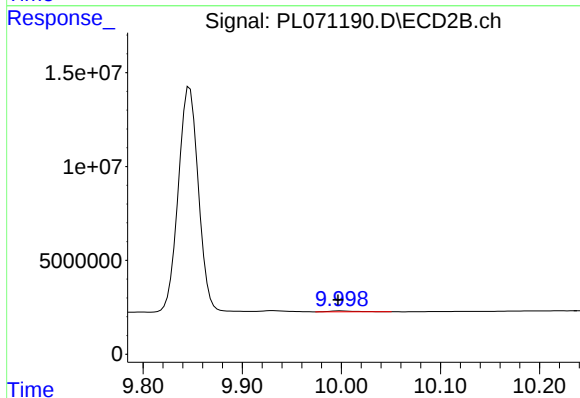
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 511587
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

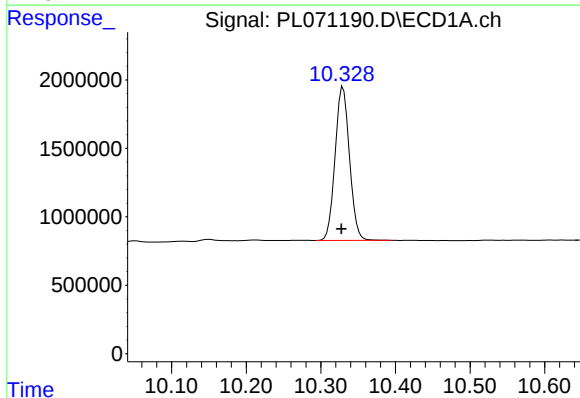
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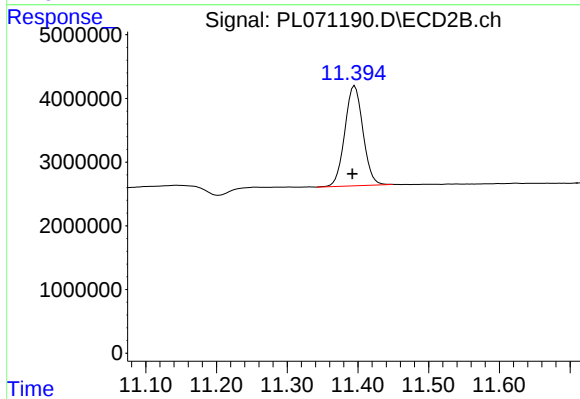
#21 Endrin ketone

R.T.: 9.999 min
Delta R.T.: 0.002 min
Response: 961170
Conc: 0.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.330 min
Delta R.T.: 0.002 min
Response: 15046600
Conc: 20.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.395 min
Delta R.T.: 0.003 min
Response: 28041102
Conc: 20.17 ng/ml