

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110421\
 Data File : PL070761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2021 10:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/08/2021
 Supervised By : mohammad ahmed 11/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 14:24:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.571	5.505	9528370	24440887	19.453	19.384
28)	SA Decachlor...	10.334	11.398	14094538	27299360	20.627	20.413
Target Compounds							
2)	A alpha-BHC	5.276	6.085	6018509	16656405	8.991	9.048
3)	MA gamma-BHC...	5.700	6.481	5969969	15370934	8.900	8.864
6)	B beta-BHC	6.081	6.737	3259536	7510919	10.034	8.766
12)	B 4,4'-DDE	7.569	8.504	169727	395712	0.291m	0.268m
14)	MA Endrin	7.988	8.898	25213580	55569834	44.471	47.975
16)	A 4,4'-DDD	8.156	9.044	1014191	3171096	1.996	2.635 #
17)	MA 4,4'-DDT	8.417	9.362	52104686	118.1E6	94.740	93.622
18)	B Endrin al...	8.489	9.268	846462	1947163	1.863	2.014
20)	A Methoxychlor	9.012	9.848	75292515	153.7E6	205.807	227.148
21)	B Endrin ke...	9.236	10.002	1933265	3850243	2.704	2.682

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

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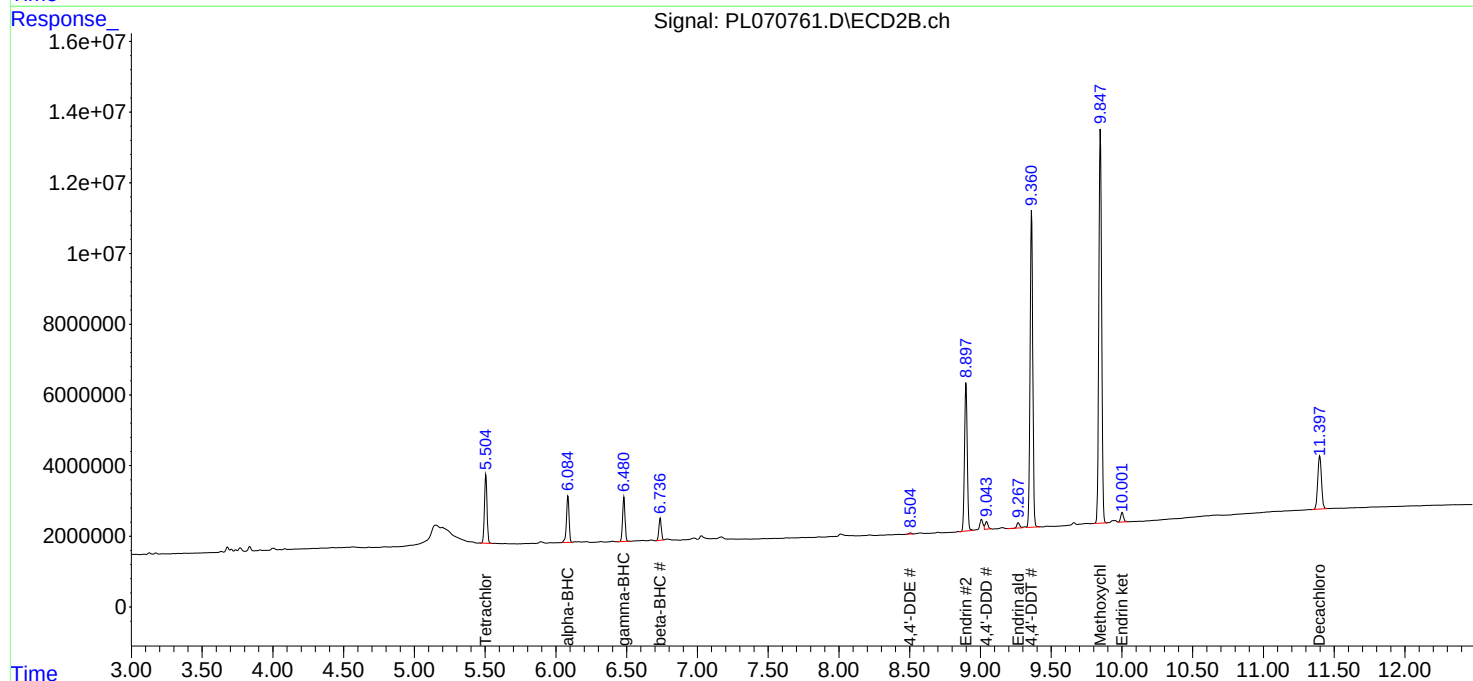
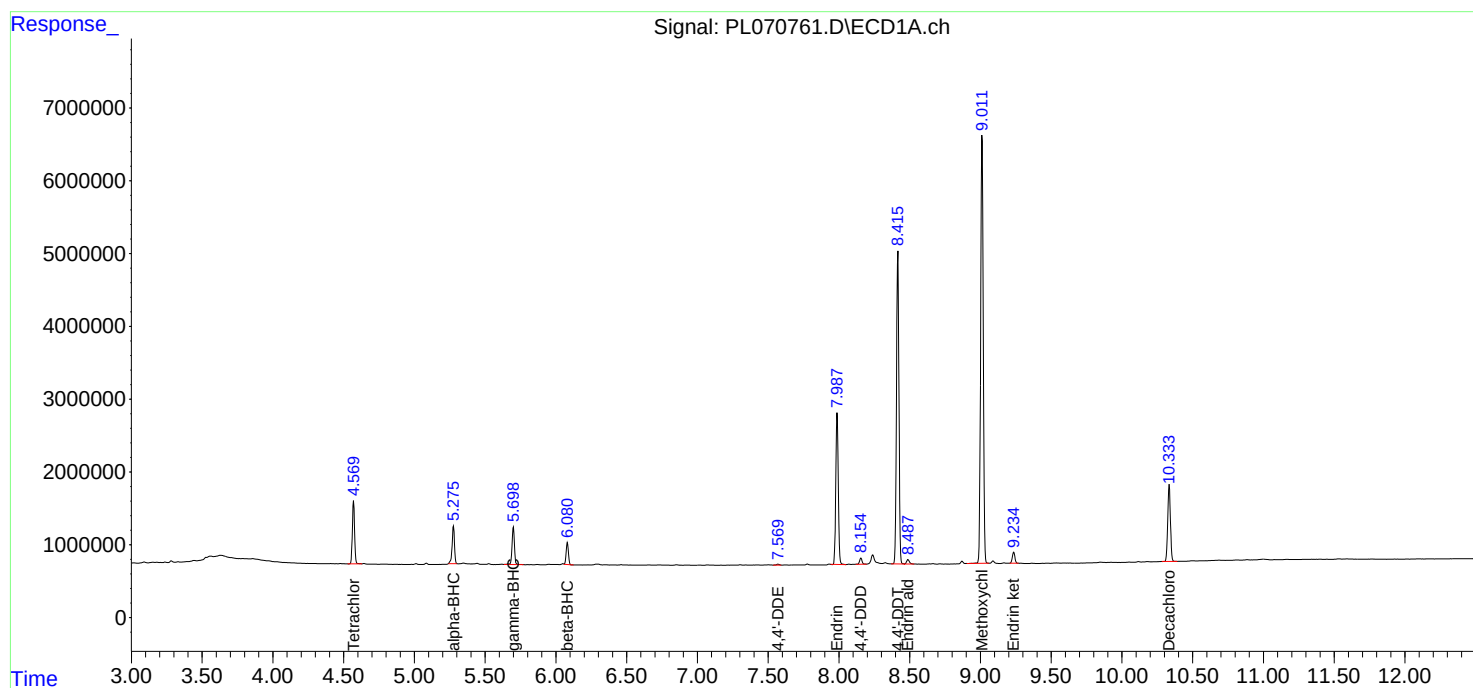
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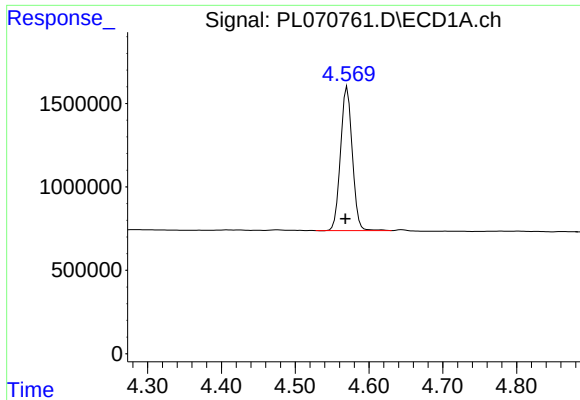
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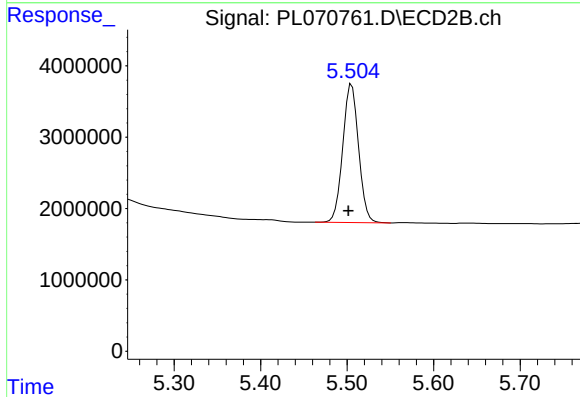
#1 Tetrachloro-m-xylene

R.T.: 4.571 min
Delta R.T.: 0.003 min
Response: 9528370
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

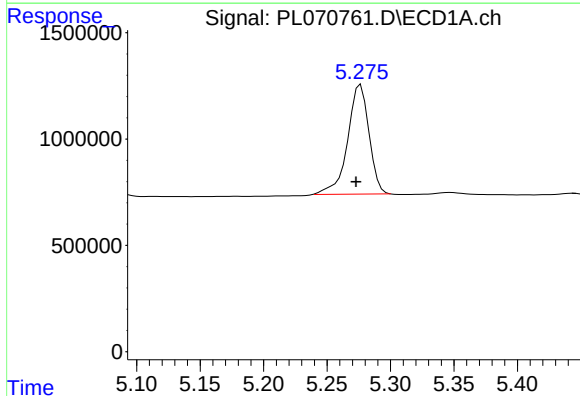
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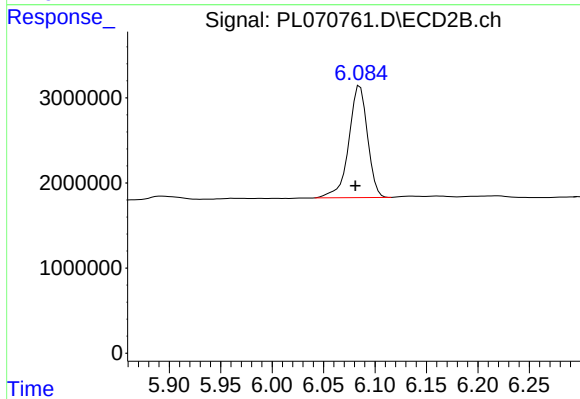
#1 Tetrachloro-m-xylene

R.T.: 5.505 min
Delta R.T.: 0.004 min
Response: 24440887
Conc: 19.38 ng/ml



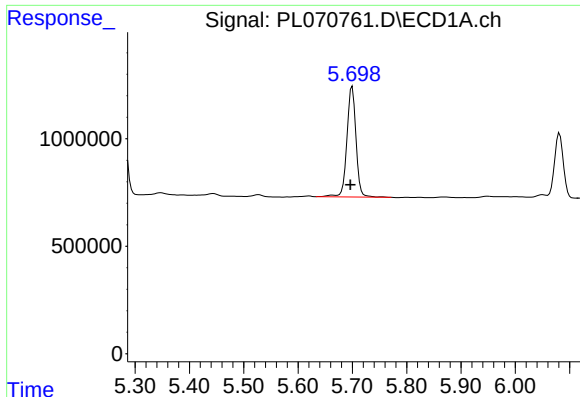
#2 alpha-BHC

R.T.: 5.276 min
Delta R.T.: 0.004 min
Response: 6018509
Conc: 8.99 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 16656405
Conc: 9.05 ng/ml



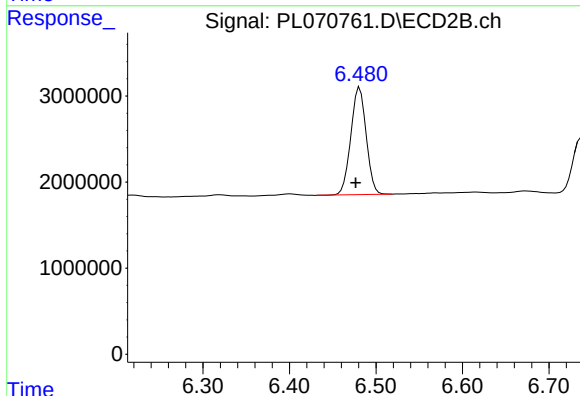
#3 gamma-BHC (Lindane)

R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 5969969
Conc: 8.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

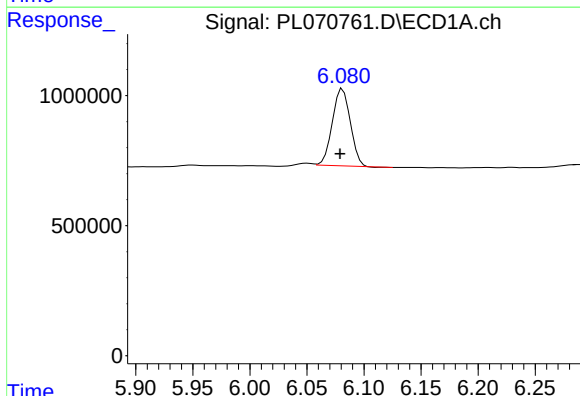
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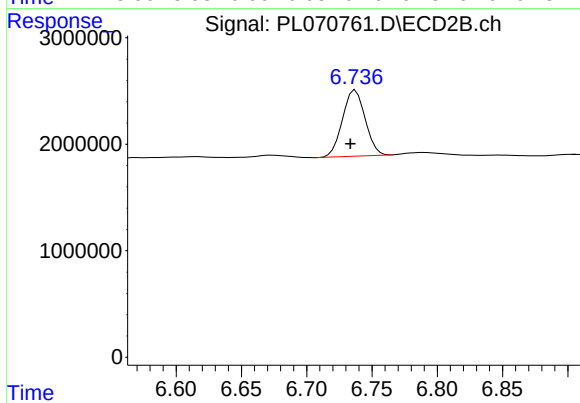
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.005 min
Response: 15370934
Conc: 8.86 ng/ml



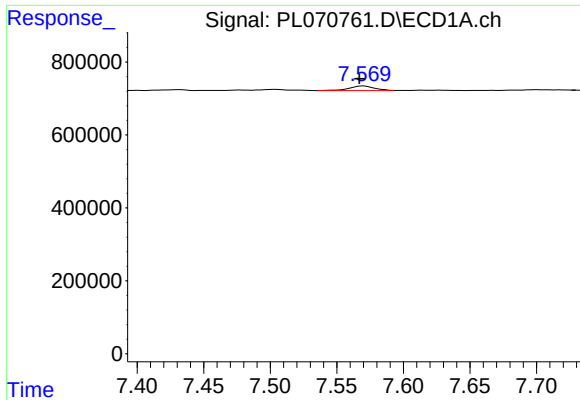
#6 beta-BHC

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 3259536
Conc: 10.03 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 7510919
Conc: 8.77 ng/ml



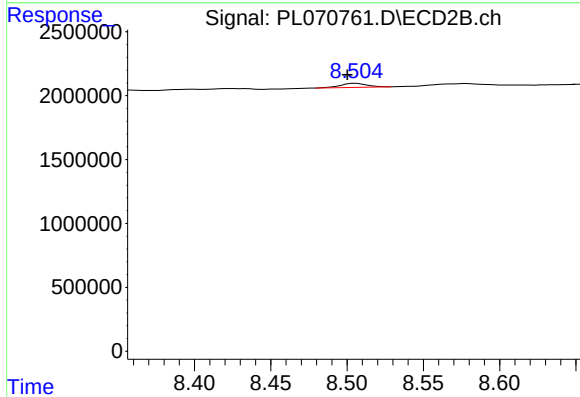
#12 4,4'-DDE

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 169727
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

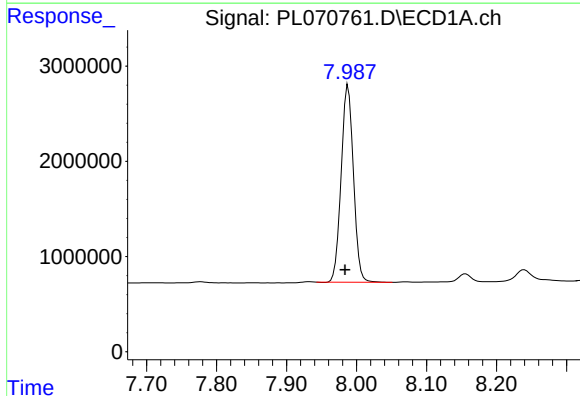
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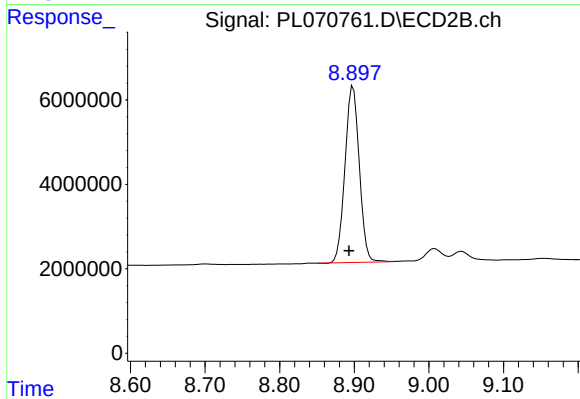
#12 4,4'-DDE

R.T.: 8.504 min
Delta R.T.: 0.004 min
Response: 395712
Conc: 0.27 ng/ml m



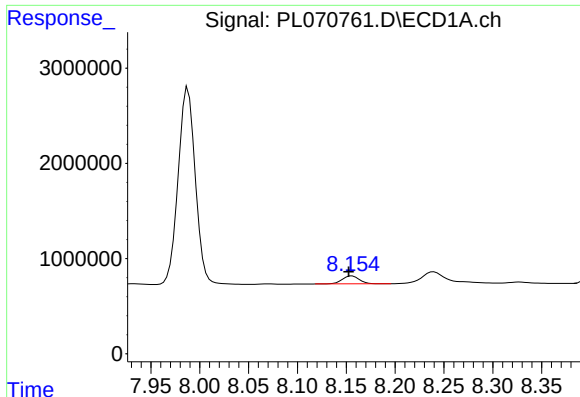
#14 Endrin

R.T.: 7.988 min
Delta R.T.: 0.004 min
Response: 25213580
Conc: 44.47 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.006 min
Response: 55569834
Conc: 47.98 ng/ml



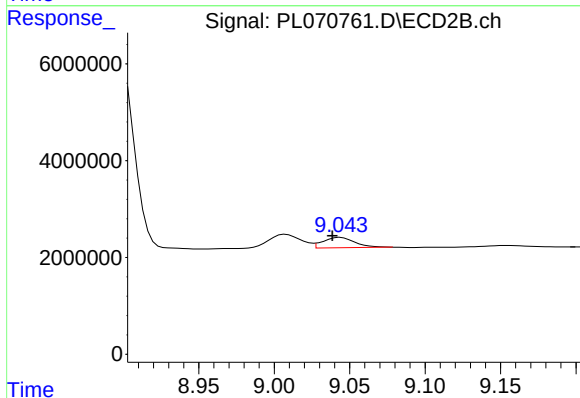
#16 4,4'-DDD

R.T.: 8.156 min
Delta R.T.: 0.003 min
Response: 1014191
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

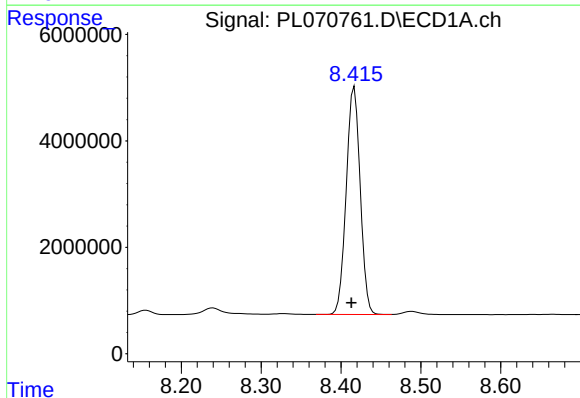
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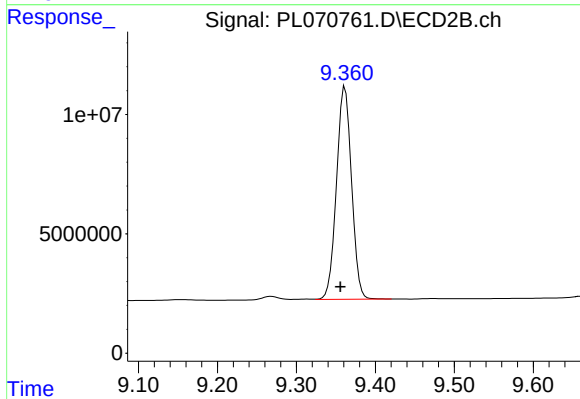
#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.005 min
Response: 3171096
Conc: 2.64 ng/ml



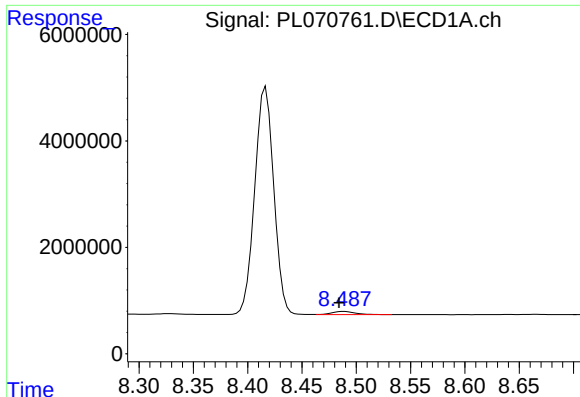
#17 4,4'-DDT

R.T.: 8.417 min
Delta R.T.: 0.004 min
Response: 52104686
Conc: 94.74 ng/ml



#17 4,4'-DDT

R.T.: 9.362 min
Delta R.T.: 0.006 min
Response: 118111234
Conc: 93.62 ng/ml



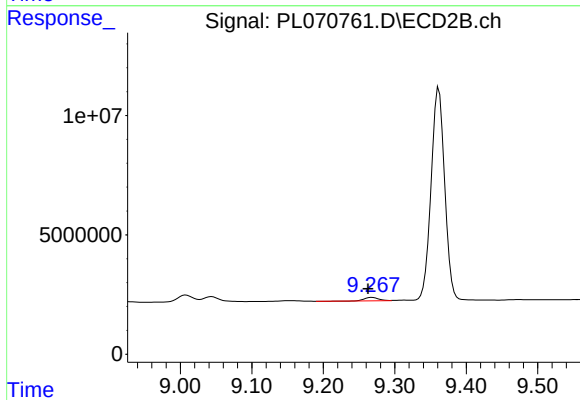
#18 Endrin aldehyde

R.T.: 8.489 min
Delta R.T.: 0.004 min
Response: 846462
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

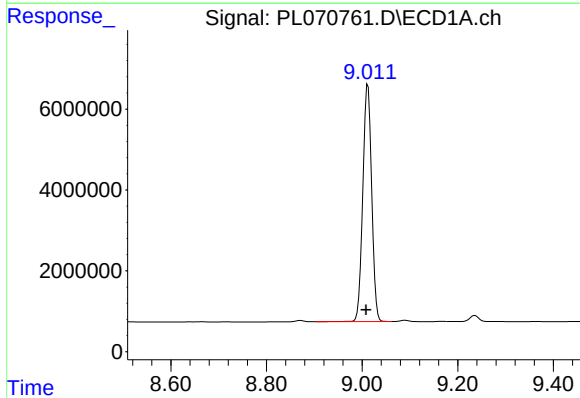
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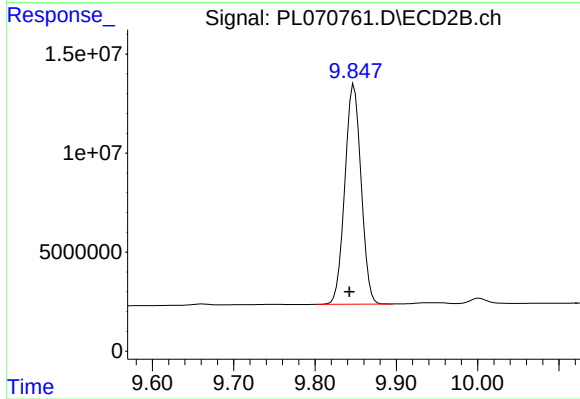
#18 Endrin aldehyde

R.T.: 9.268 min
Delta R.T.: 0.006 min
Response: 1947163
Conc: 2.01 ng/ml



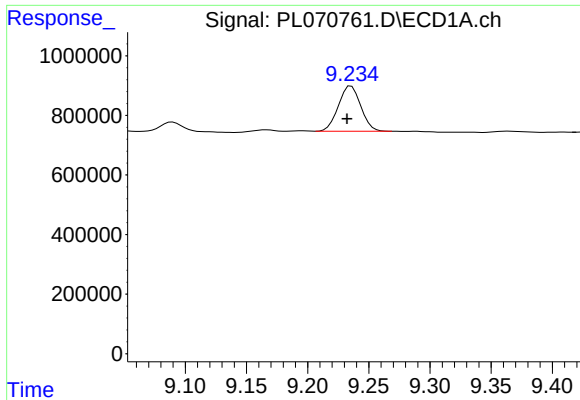
#20 Methoxychlor

R.T.: 9.012 min
Delta R.T.: 0.003 min
Response: 75292515
Conc: 205.81 ng/ml



#20 Methoxychlor

R.T.: 9.848 min
Delta R.T.: 0.005 min
Response: 153734537
Conc: 227.15 ng/ml



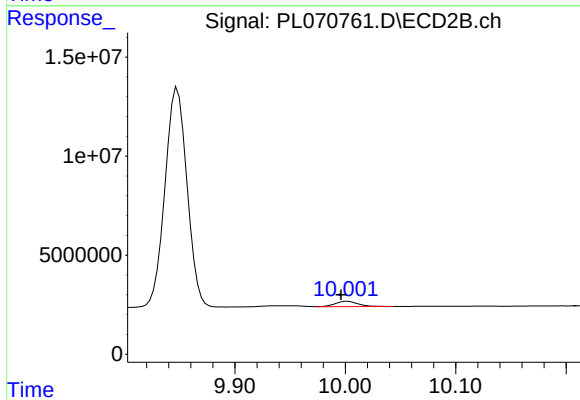
#21 Endrin ketone

R.T.: 9.236 min
Delta R.T.: 0.003 min
Response: 1933265
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

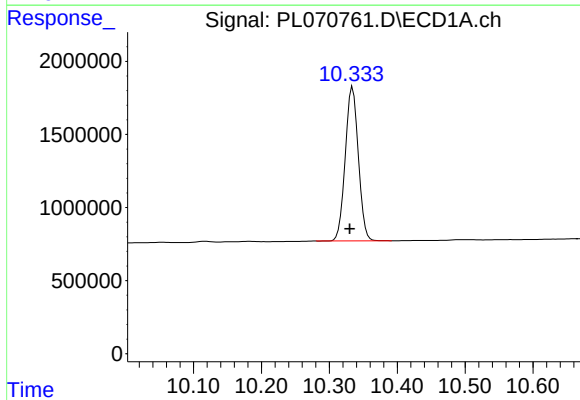
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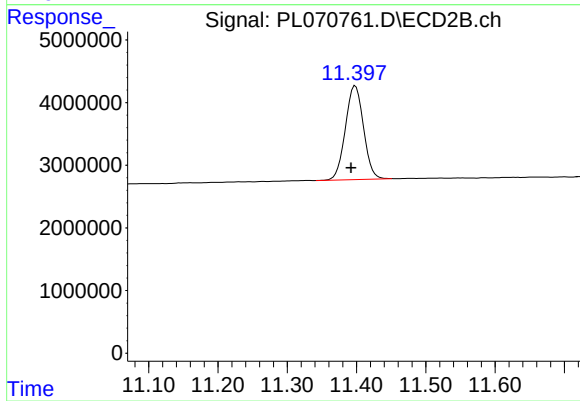
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.006 min
Response: 3850243
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.334 min
Delta R.T.: 0.004 min
Response: 14094538
Conc: 20.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 27299360
Conc: 20.41 ng/ml