

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112321\
 Data File : PL071122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2021 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/24/2021
 Supervised By : mohammad ahmed 11/24/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 02:51:53 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...	4.568	5.504	10020450	25173097	20.458	19.965
28)	SA Decachlor...	10.332	11.396	14706610	25605725	21.523	19.146
Target Compounds							
2)	A alpha-BHC	5.275	6.084	6194512	17155981	9.254	9.320
3)	MA gamma-BHC...	5.697	6.480	5944370	15966013	8.862	9.207
6)	B beta-BHC	6.079	6.736	3484160	9150239	10.726m	10.679m
12)	B 4,4'-DDE	7.568	8.504	234221	608965	0.402	0.413
14)	MA Endrin	7.986	8.897	25820364	56202935	45.541	48.522
16)	A 4,4'-DDD	8.153	9.043	2580095	5652719	5.078	4.697
17)	MA 4,4'-DDT	8.414	9.359	50703715	112.9E6	92.193	89.491
18)	B Endrin al...	8.486	9.266	1023487	2125832	2.253	2.198
20)	A Methoxychlor	9.010	9.846	70409273	139.7E6	192.459	206.361
21)	B Endrin ke...	9.234	10.000	2791736	3964386	3.904	2.762 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

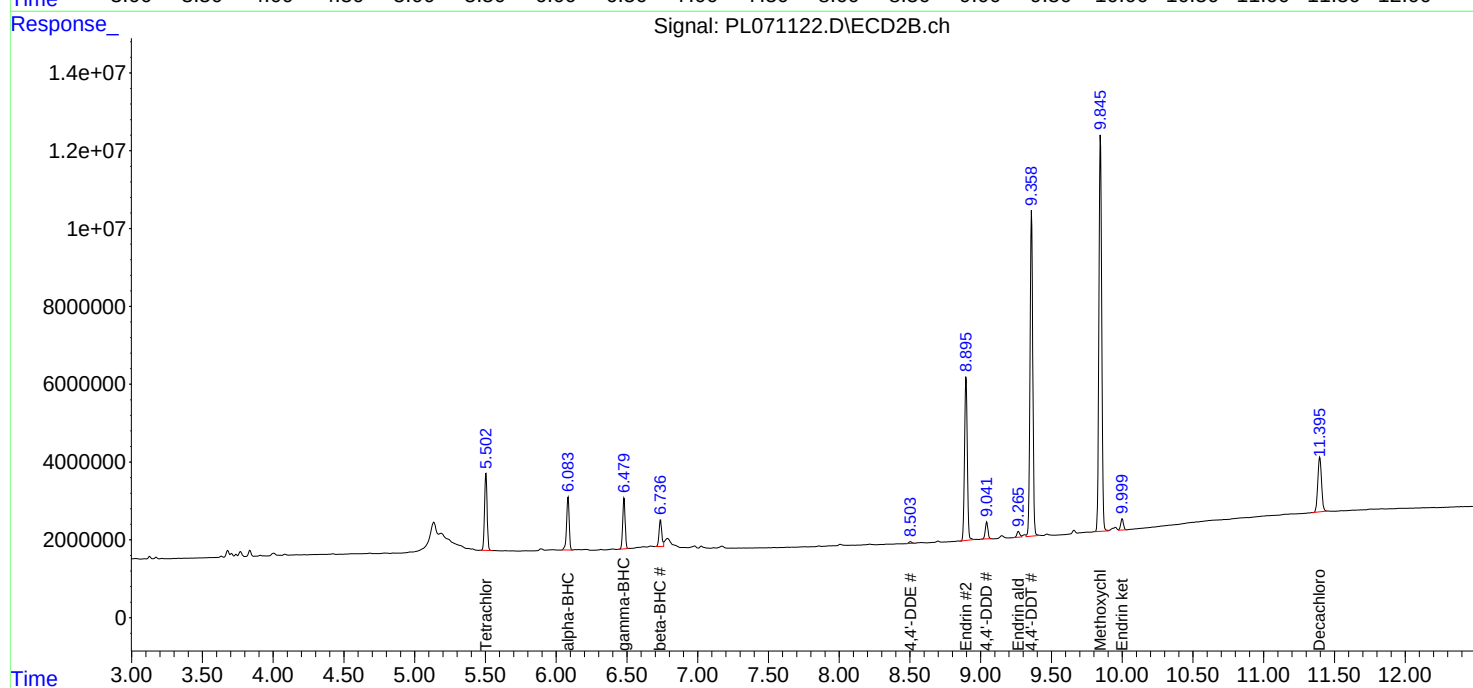
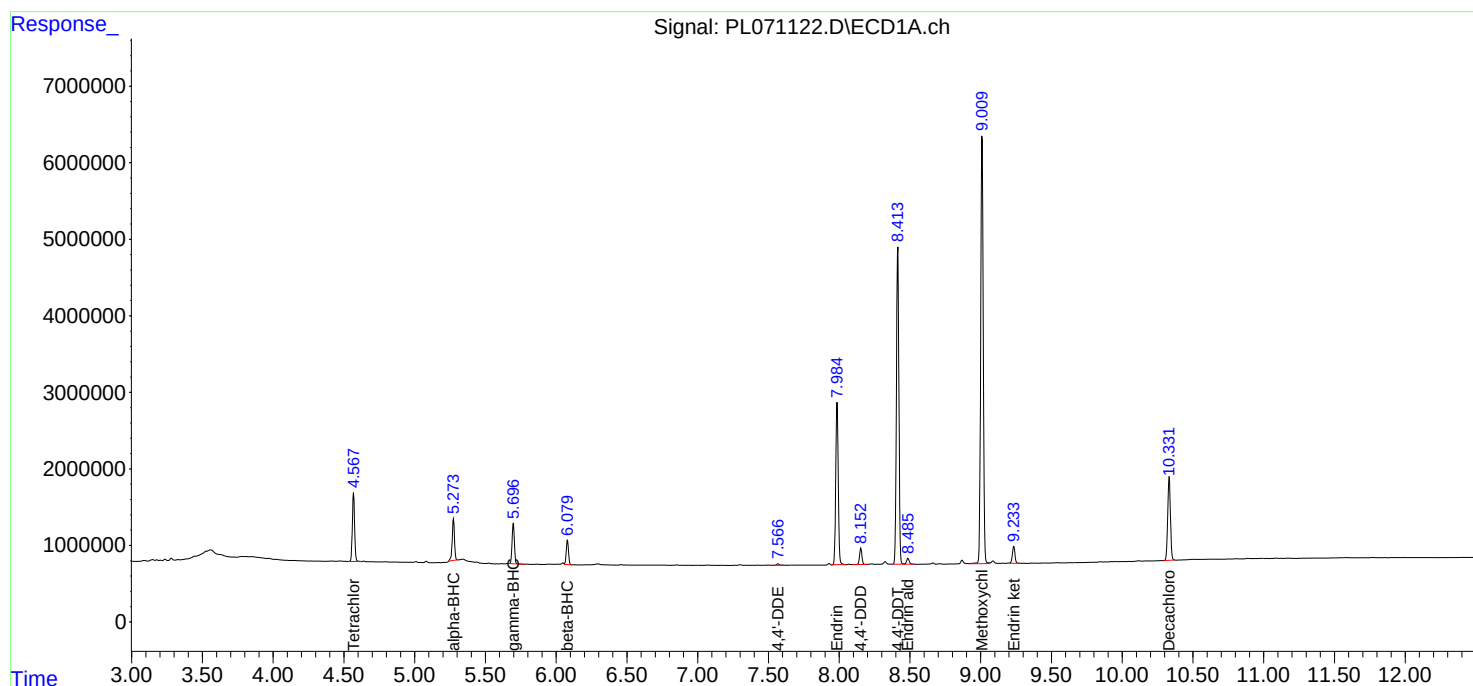
Instrument :
ECD_L
ClientSampleId :
PEM

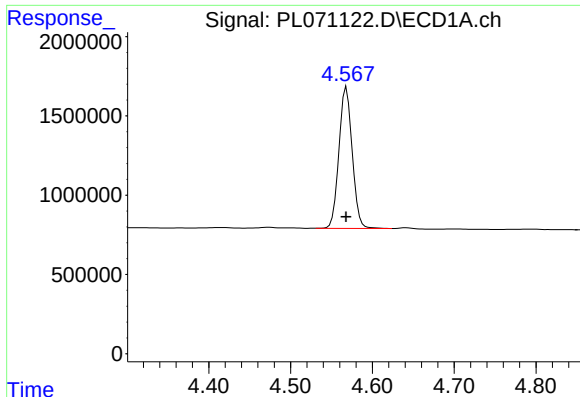
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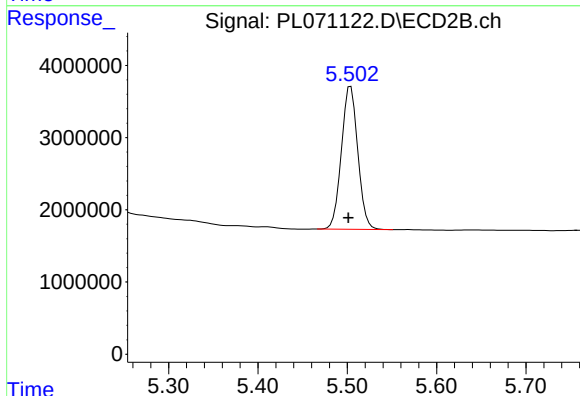
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 10020450
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

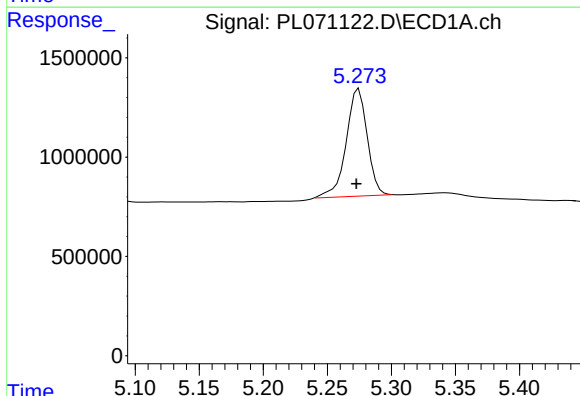
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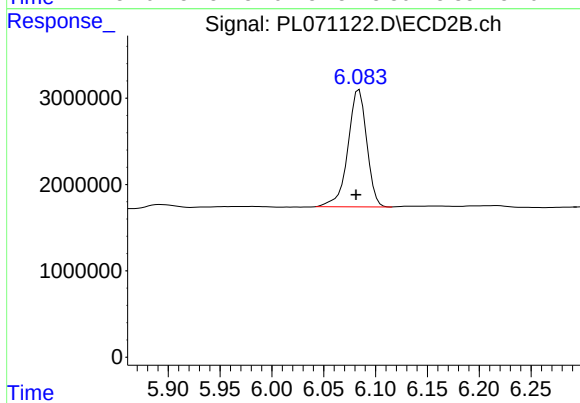
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 25173097
Conc: 19.97 ng/ml



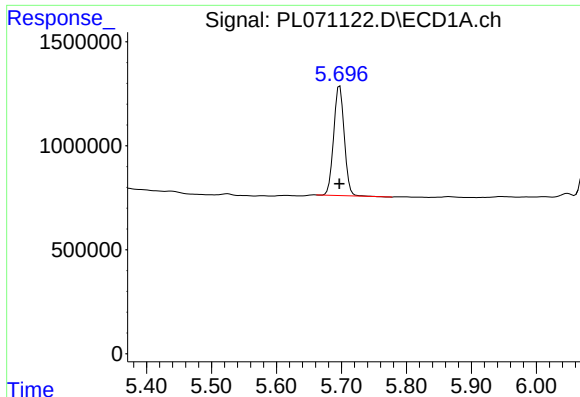
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 6194512
Conc: 9.25 ng/ml



#2 alpha-BHC

R.T.: 6.084 min
Delta R.T.: 0.003 min
Response: 17155981
Conc: 9.32 ng/ml



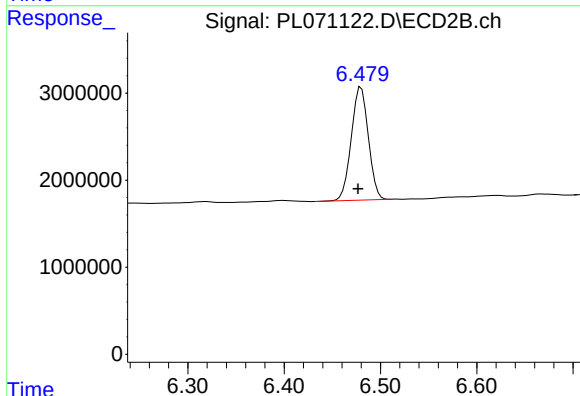
#3 gamma-BHC (Lindane)

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 5944370
Conc: 8.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

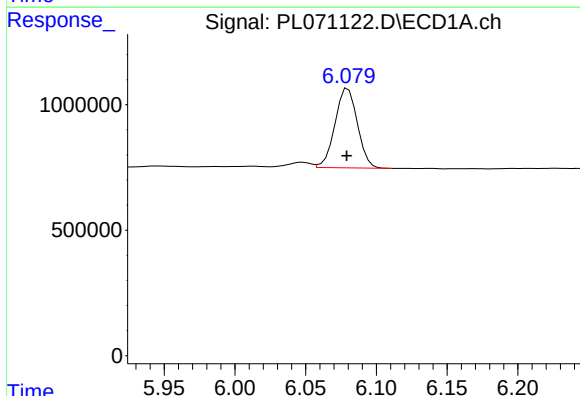
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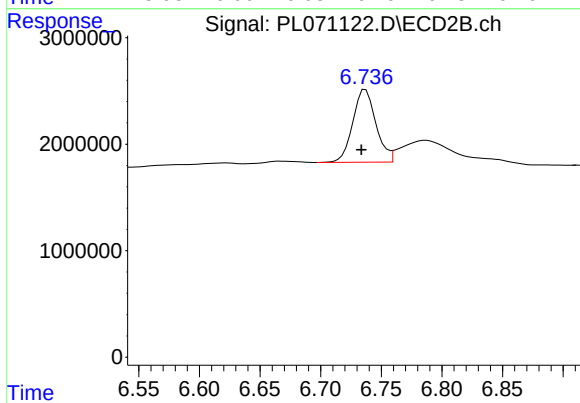
#3 gamma-BHC (Lindane)

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 15966013
Conc: 9.21 ng/ml



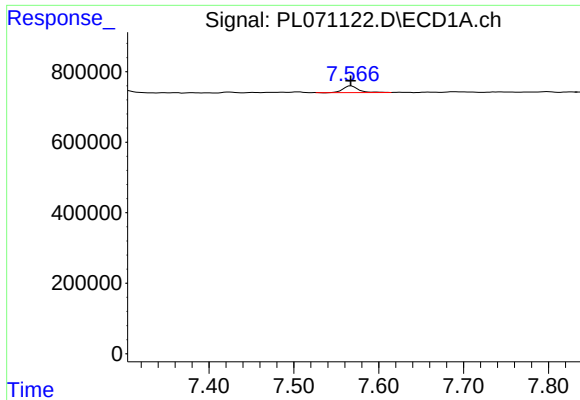
#6 beta-BHC

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 3484160
Conc: 10.73 ng/ml m



#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 9150239
Conc: 10.68 ng/ml m



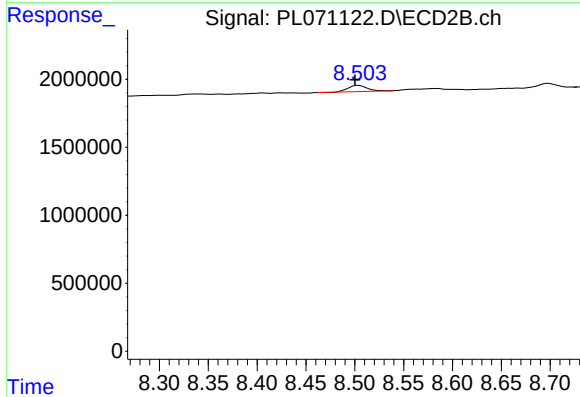
#12 4,4'-DDE

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 234221
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

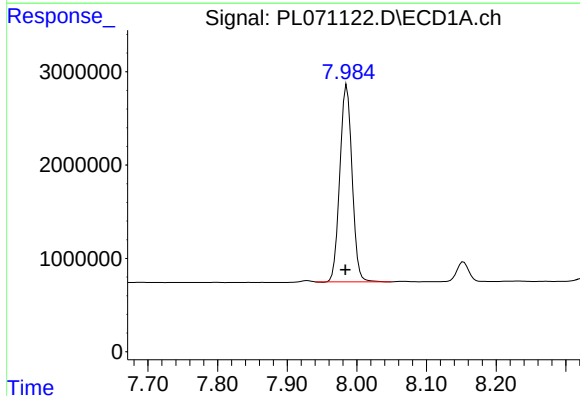
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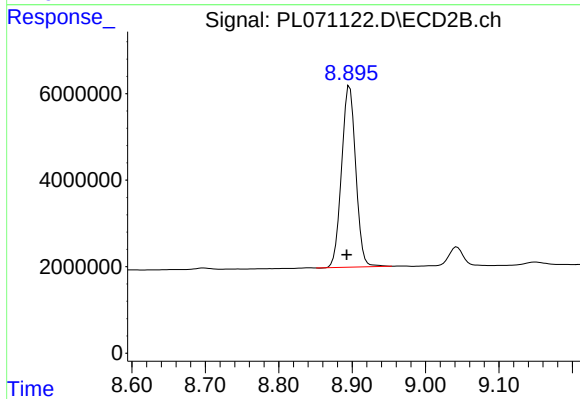
#12 4,4'-DDE

R.T.: 8.504 min
Delta R.T.: 0.004 min
Response: 608965
Conc: 0.41 ng/ml



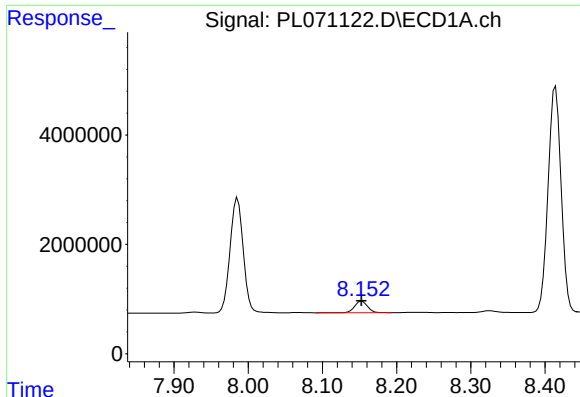
#14 Endrin

R.T.: 7.986 min
Delta R.T.: 0.002 min
Response: 25820364
Conc: 45.54 ng/ml



#14 Endrin

R.T.: 8.897 min
Delta R.T.: 0.004 min
Response: 56202935
Conc: 48.52 ng/ml



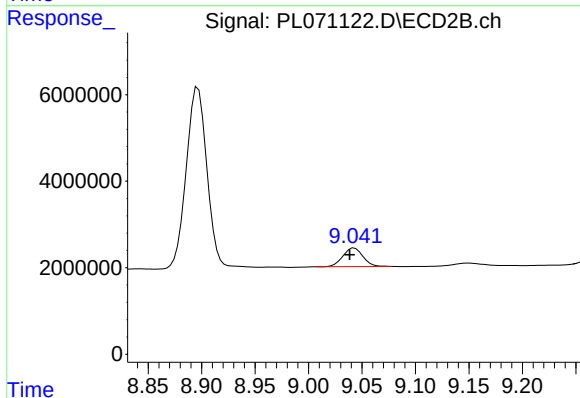
#16 4,4'-DDD

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2580095
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

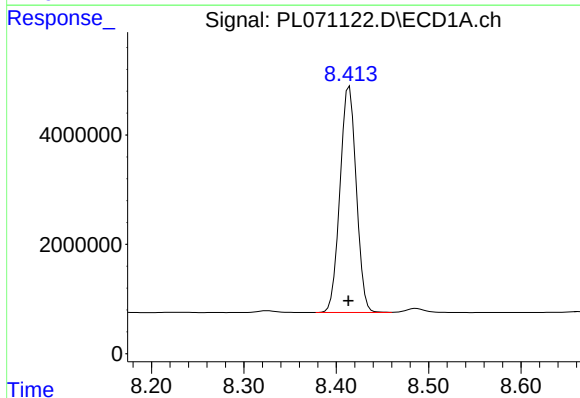
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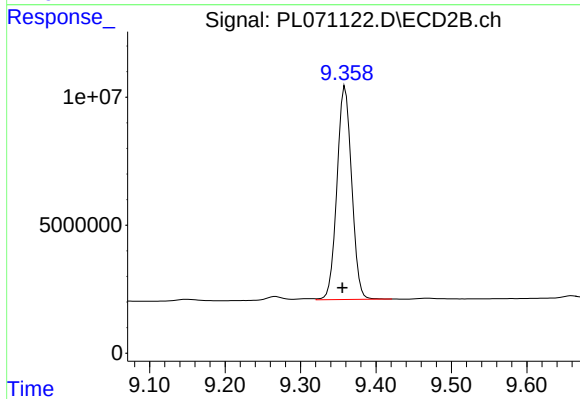
#16 4,4'-DDD

R.T.: 9.043 min
Delta R.T.: 0.004 min
Response: 5652719
Conc: 4.70 ng/ml



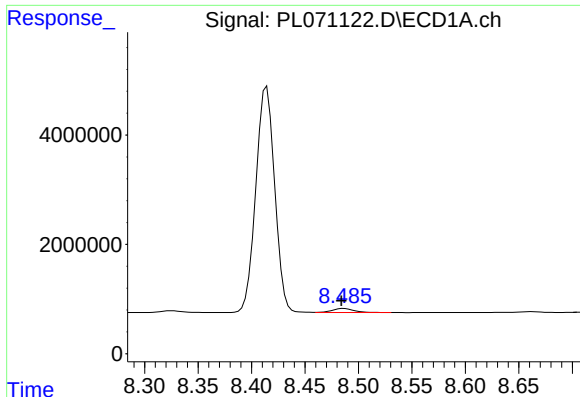
#17 4,4'-DDT

R.T.: 8.414 min
Delta R.T.: 0.001 min
Response: 50703715
Conc: 92.19 ng/ml



#17 4,4'-DDT

R.T.: 9.359 min
Delta R.T.: 0.004 min
Response: 112899182
Conc: 89.49 ng/ml



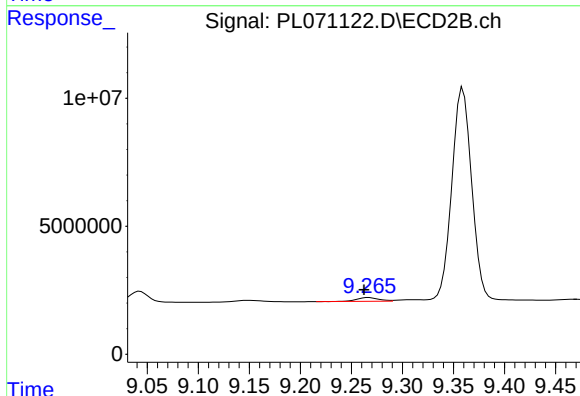
#18 Endrin aldehyde

R.T.: 8.486 min
Delta R.T.: 0.002 min
Response: 1023487
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

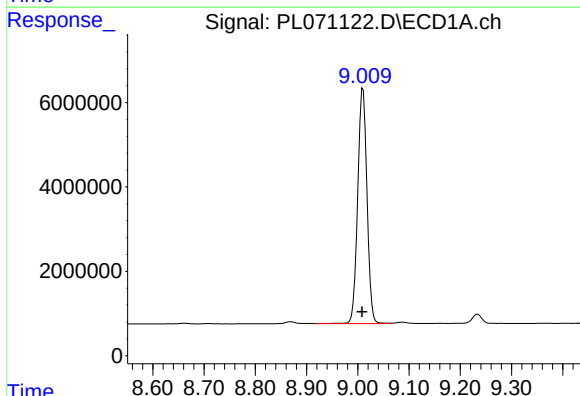
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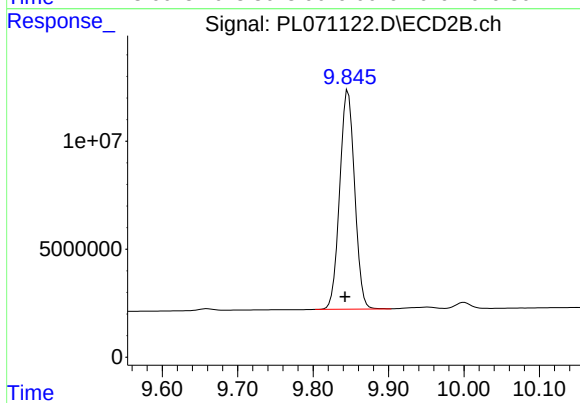
#18 Endrin aldehyde

R.T.: 9.266 min
Delta R.T.: 0.004 min
Response: 2125832
Conc: 2.20 ng/ml



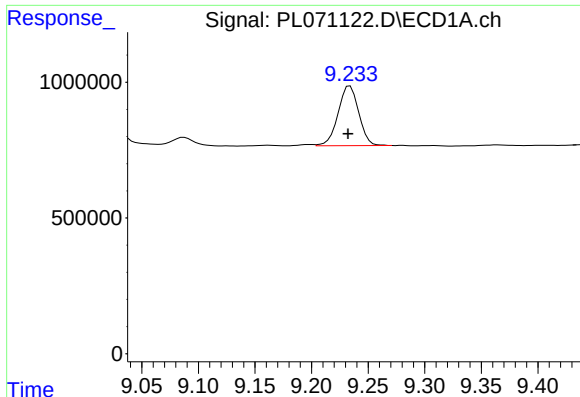
#20 Methoxychlor

R.T.: 9.010 min
Delta R.T.: 0.002 min
Response: 70409273
Conc: 192.46 ng/ml



#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.004 min
Response: 139665322
Conc: 206.36 ng/ml



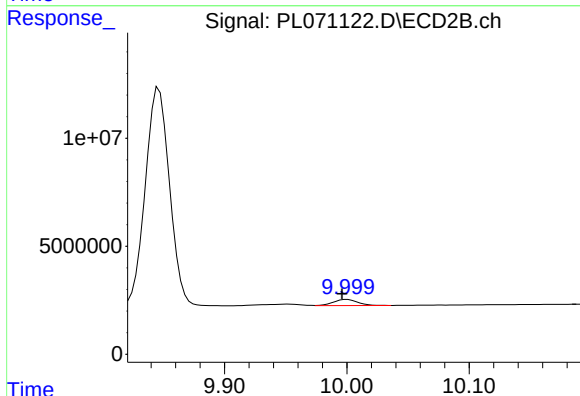
#21 Endrin ketone

R.T.: 9.234 min
Delta R.T.: 0.002 min
Response: 2791736
Conc: 3.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

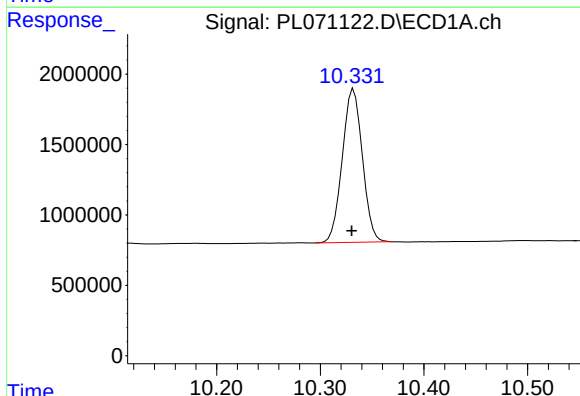
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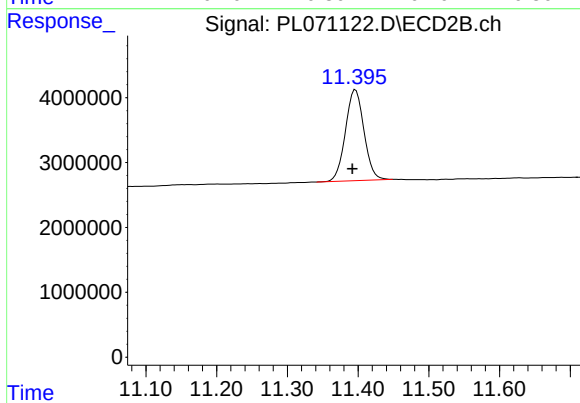
#21 Endrin ketone

R.T.: 10.000 min
Delta R.T.: 0.004 min
Response: 3964386
Conc: 2.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.332 min
Delta R.T.: 0.002 min
Response: 14706610
Conc: 21.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.396 min
Delta R.T.: 0.005 min
Response: 25605725
Conc: 19.15 ng/ml