

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022122\
 Data File : PL072855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2022 18:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2022
 Supervised By : Ankita Jodhani 02/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 02:31:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 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...	4.551	5.489	9449989	34552942	19.626	20.003
28)	SA Decachlor...	10.309	11.377	15905194	34280313	21.009m	21.617
Target Compounds							
2)	A alpha-BHC	5.257	6.070	5817636	22471275	8.823	9.384
3)	MA gamma-BHC...	5.681	6.466	5753340	21584702	9.154	9.375
6)	B beta-BHC	6.064	6.726	3292480	11511588	13.287m	11.292
12)	B 4,4'-DDE	7.548	8.490	246195	570964	0.405	0.305
14)	MA Endrin	7.966	8.882	28401049	75058275	48.482	47.637
16)	A 4,4'-DDD	8.135	9.029	4449033	13127805	9.248	9.487
17)	MA 4,4'-DDT	8.395	9.346	50676893	132.5E6	94.181	86.569
18)	B Endrin al...	8.468	9.252	832977	1877980	1.911	1.669
20)	A Methoxychlor	8.991	9.834	73245785	173.0E6	208.307	213.708
21)	B Endrin ke...	9.216	9.987	3074363	6342948	4.473	3.981

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

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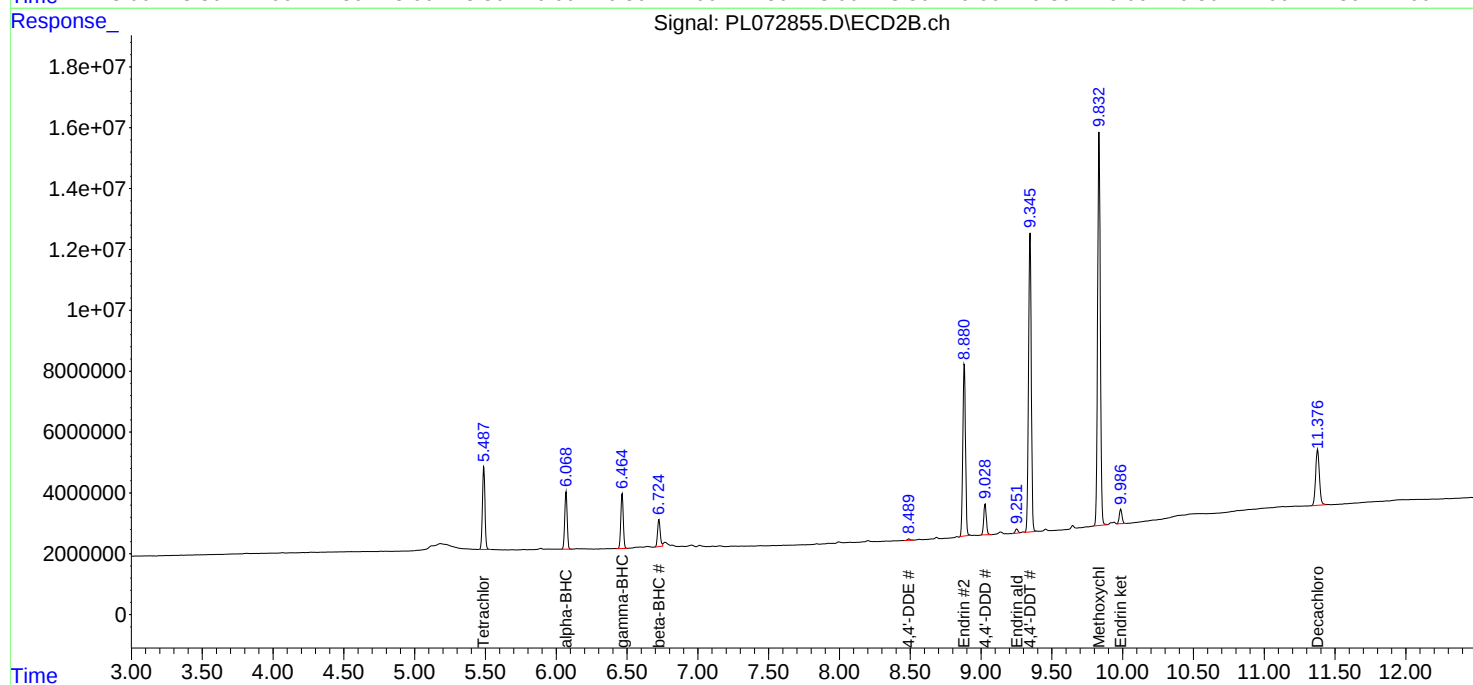
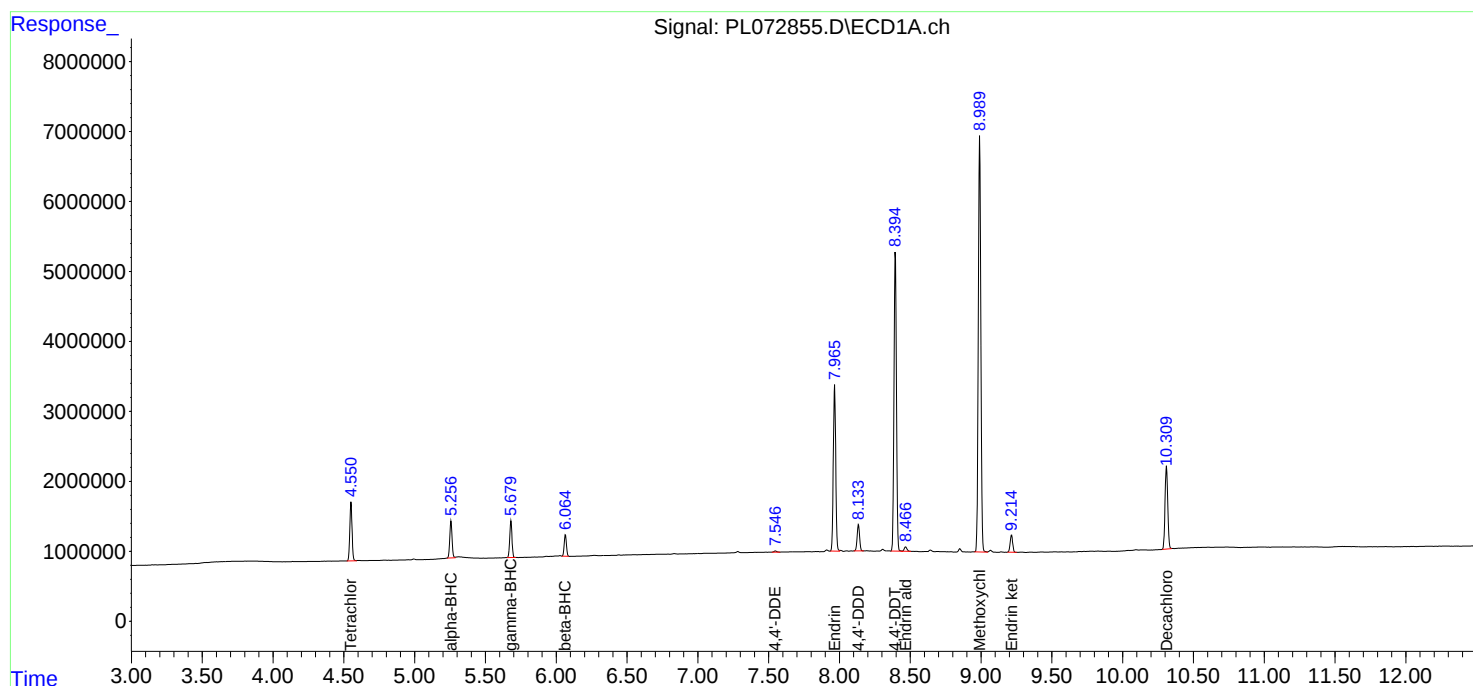
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PEM

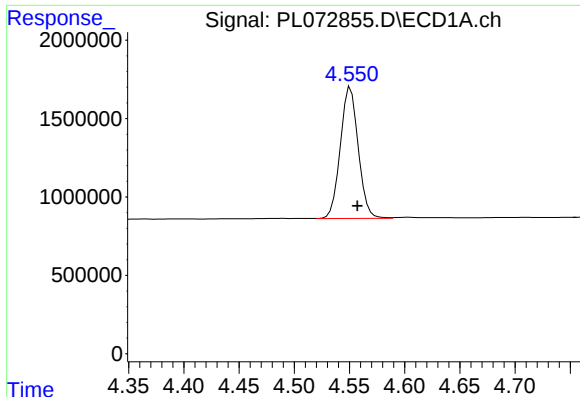
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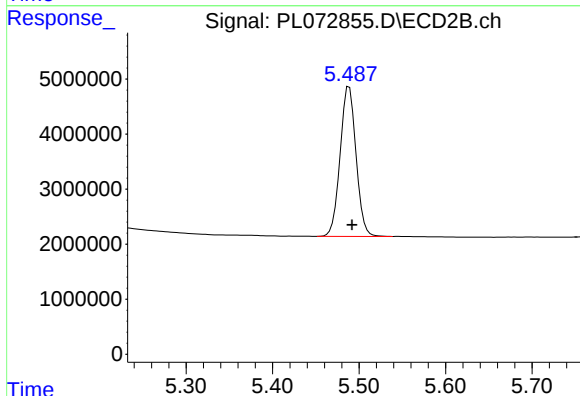
#1 Tetrachloro-m-xylene

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 9449989
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

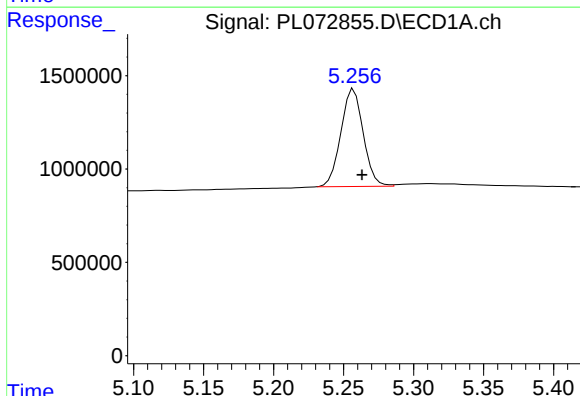
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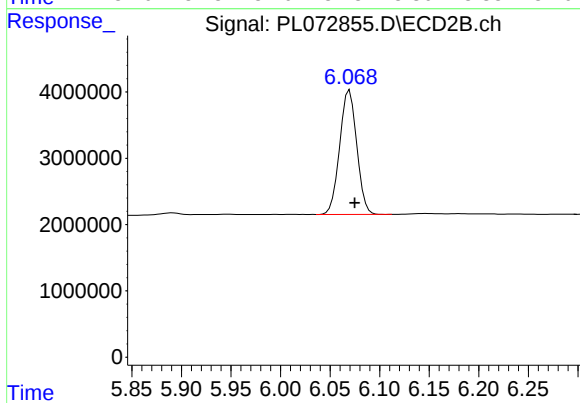
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 34552942
Conc: 20.00 ng/ml



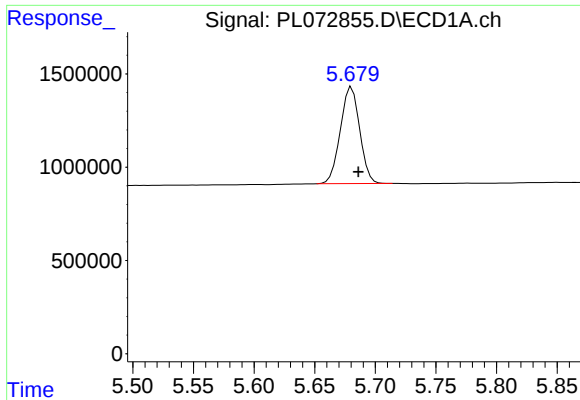
#2 alpha-BHC

R.T.: 5.257 min
Delta R.T.: -0.006 min
Response: 5817636
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 22471275
Conc: 9.38 ng/ml



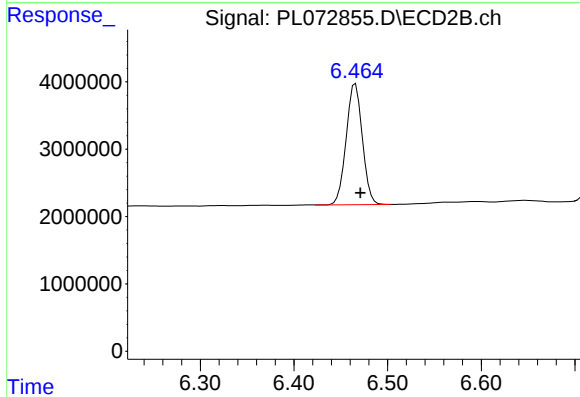
#3 gamma-BHC (Lindane)

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 5753340
Conc: 9.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

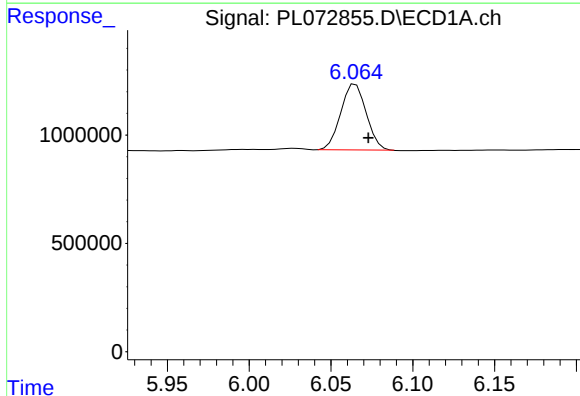
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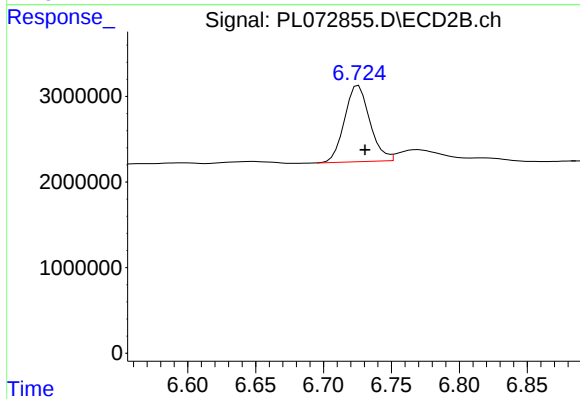
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 21584702
Conc: 9.37 ng/ml



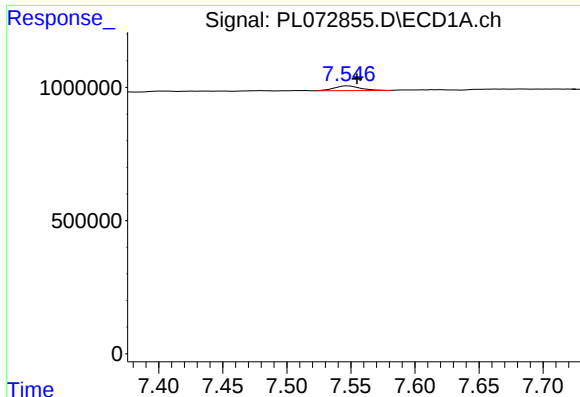
#6 beta-BHC

R.T.: 6.064 min
Delta R.T.: -0.009 min
Response: 3292480
Conc: 13.29 ng/ml m



#6 beta-BHC

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 11511588
Conc: 11.29 ng/ml



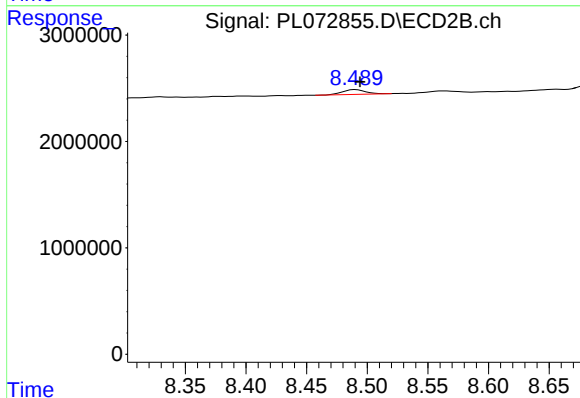
#12 4,4'-DDE

R.T.: 7.548 min
Delta R.T.: -0.007 min
Response: 246195
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

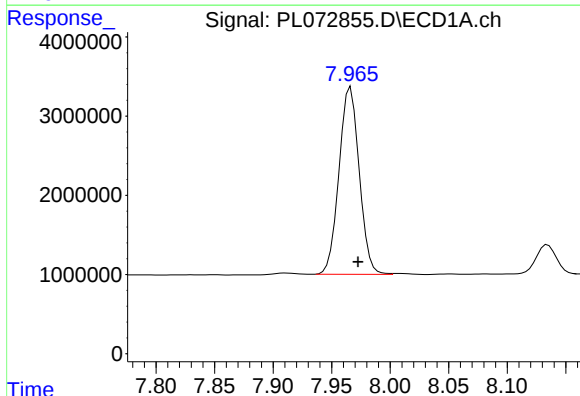
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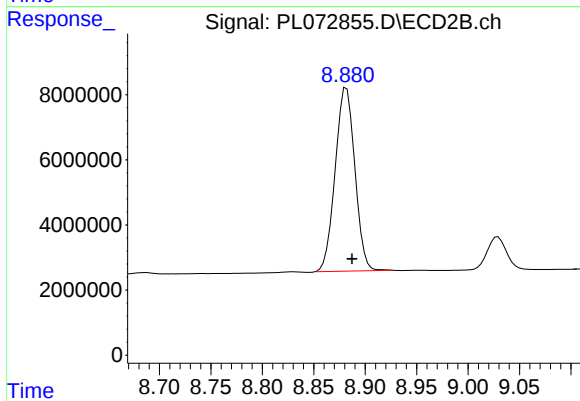
#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 570964
Conc: 0.31 ng/ml



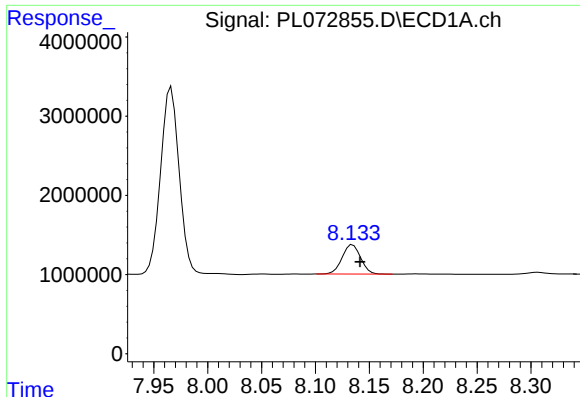
#14 Endrin

R.T.: 7.966 min
Delta R.T.: -0.006 min
Response: 28401049
Conc: 48.48 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 75058275
Conc: 47.64 ng/ml



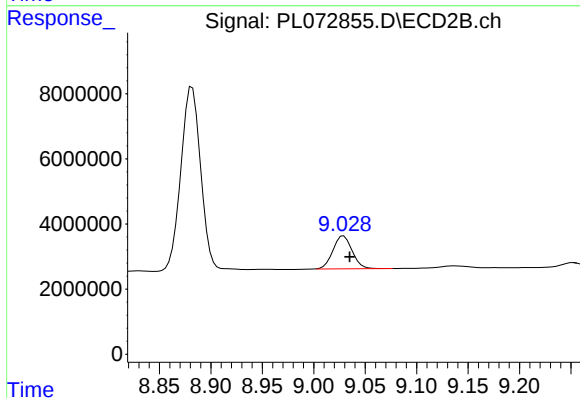
#16 4,4'-DDD

R.T.: 8.135 min
Delta R.T.: -0.007 min
Response: 4449033
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

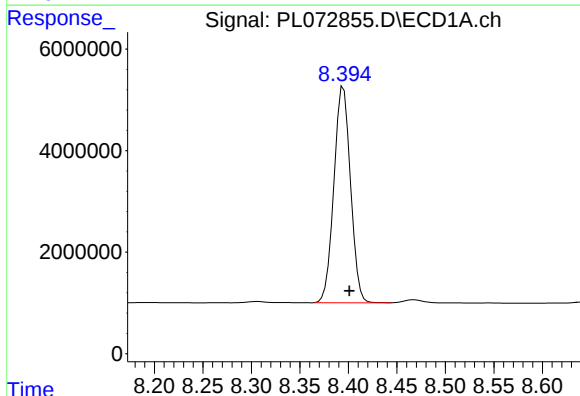
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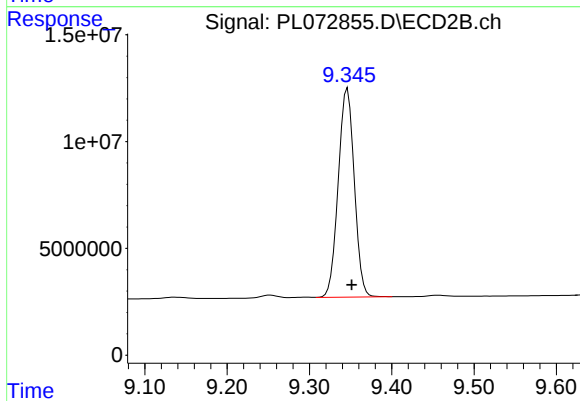
#16 4,4'-DDD

R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 13127805
Conc: 9.49 ng/ml



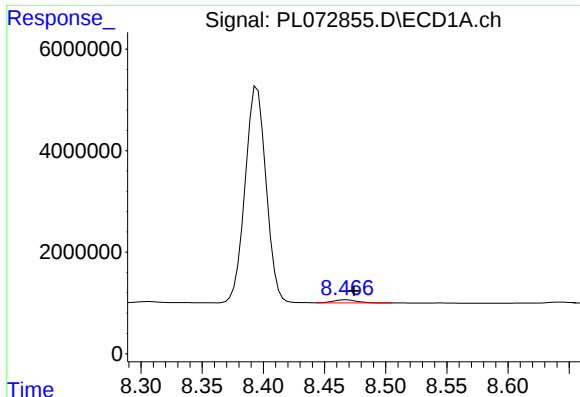
#17 4,4'-DDT

R.T.: 8.395 min
Delta R.T.: -0.006 min
Response: 50676893
Conc: 94.18 ng/ml



#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 132524394
Conc: 86.57 ng/ml



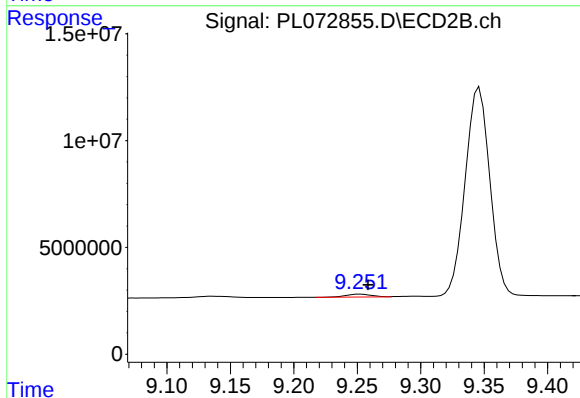
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 832977
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

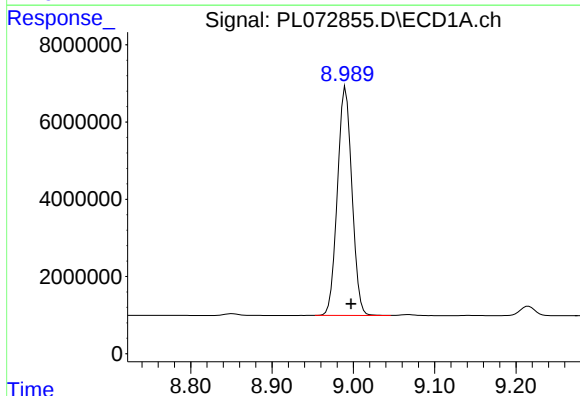
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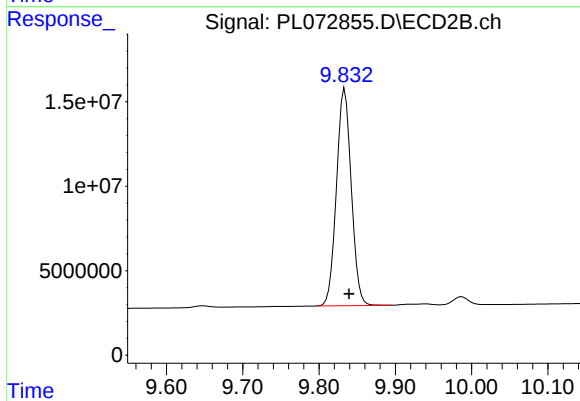
#18 Endrin aldehyde

R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 1877980
Conc: 1.67 ng/ml



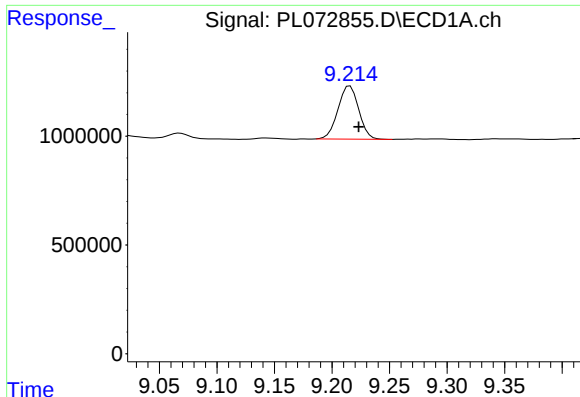
#20 Methoxychlor

R.T.: 8.991 min
Delta R.T.: -0.007 min
Response: 73245785
Conc: 208.31 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.006 min
Response: 173029760
Conc: 213.71 ng/ml



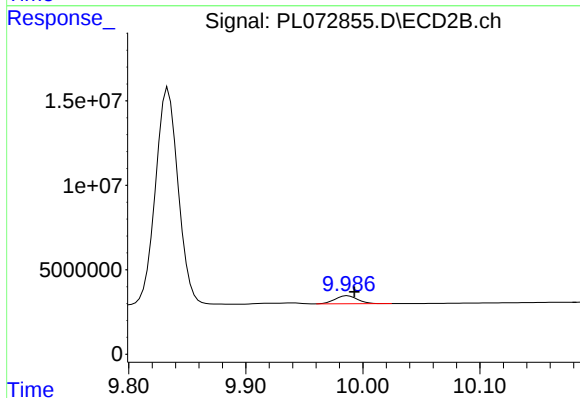
#21 Endrin ketone

R.T.: 9.216 min
Delta R.T.: -0.008 min
Response: 3074363
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

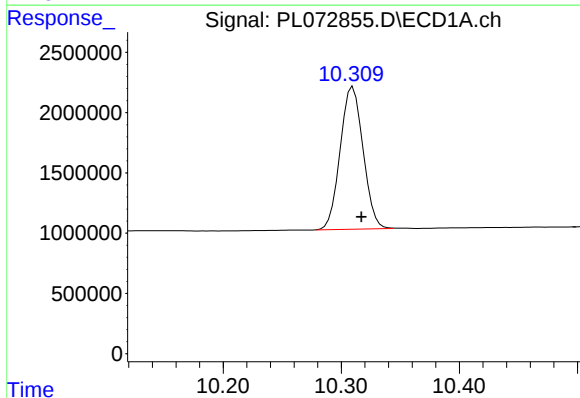
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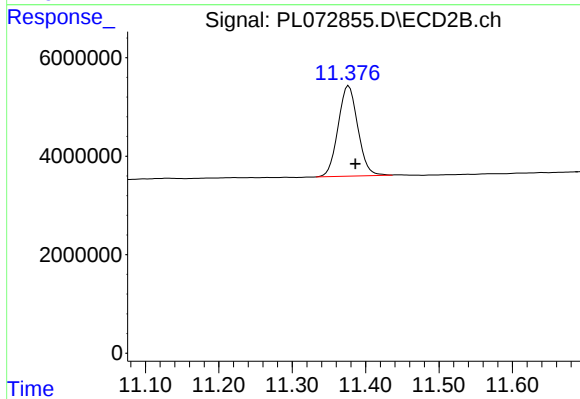
#21 Endrin ketone

R.T.: 9.987 min
Delta R.T.: -0.006 min
Response: 6342948
Conc: 3.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.309 min
Delta R.T.: -0.009 min
Response: 15905194
Conc: 21.01 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.009 min
Response: 34280313
Conc: 21.62 ng/ml