

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020222\
 Data File : PL072408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2022 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/03/2022
 Supervised By : Ankita Jodhani 02/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 00:32:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.491	10870793	36380688	19.580	22.400
28)	SA Decachlor...	10.314	11.381	17058624	30348427	19.201m	18.809
Target Compounds							
2)	A alpha-BHC	5.262	6.073	6620194	23514311	8.562	9.745
3)	MA gamma-BHC...	5.686	6.469	6542503	22890358	8.677	10.172
6)	B beta-BHC	6.070	6.729	3941359	11915762	11.923	12.035
12)	B 4,4'-DDE	7.553	8.493	140589	427180	0.195m	0.226
14)	MA Endrin	7.972	8.885	34275580	80021138	48.919	48.263
16)	A 4,4'-DDD	8.139	9.032	641247	1636339	1.094m	1.144m
17)	MA 4,4'-DDT	8.400	9.349	68245317	158.0E6	102.768	99.954
18)	B Endrin al...	8.473	9.256	408607	591781	0.717m	0.477 #
20)	A Methoxychlor	8.996	9.837	94922043	202.1E6	224.989	244.032
21)	B Endrin ke...	9.220	9.989	1147520	1532473	1.378	0.926 #

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

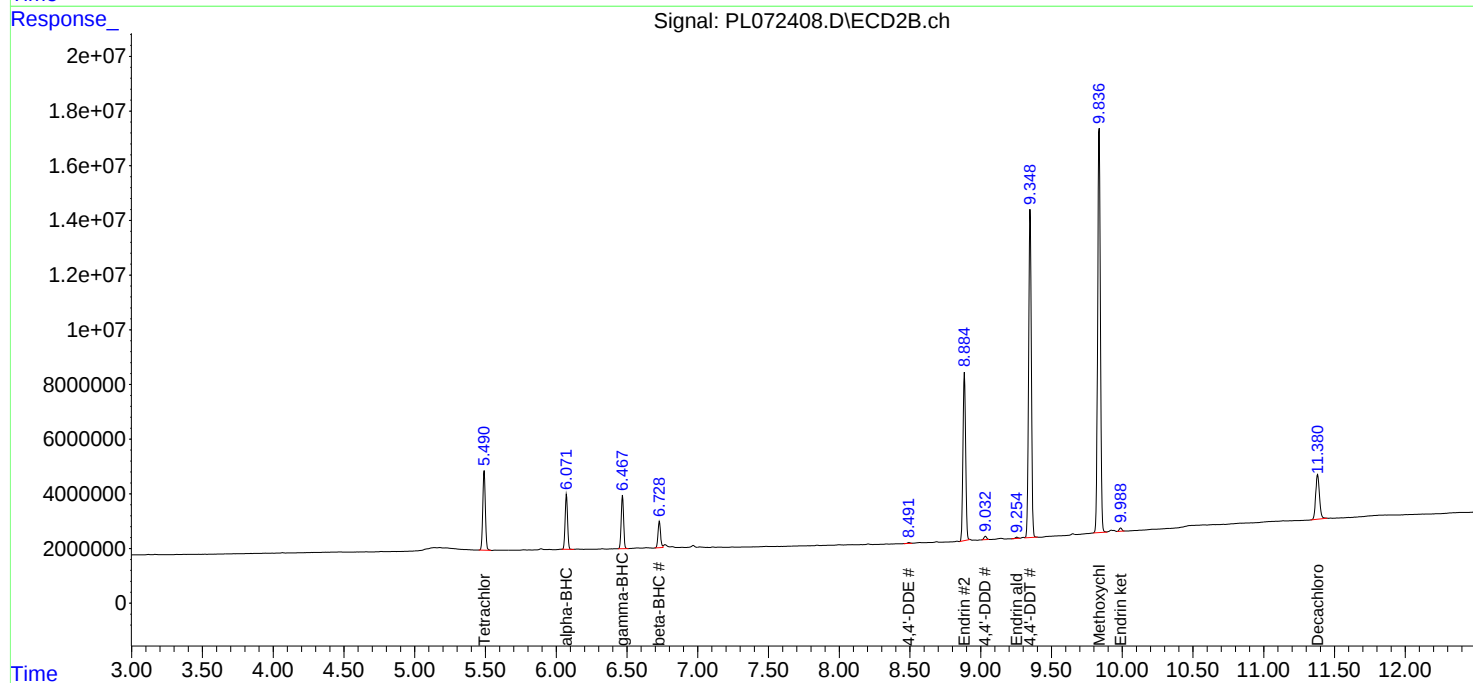
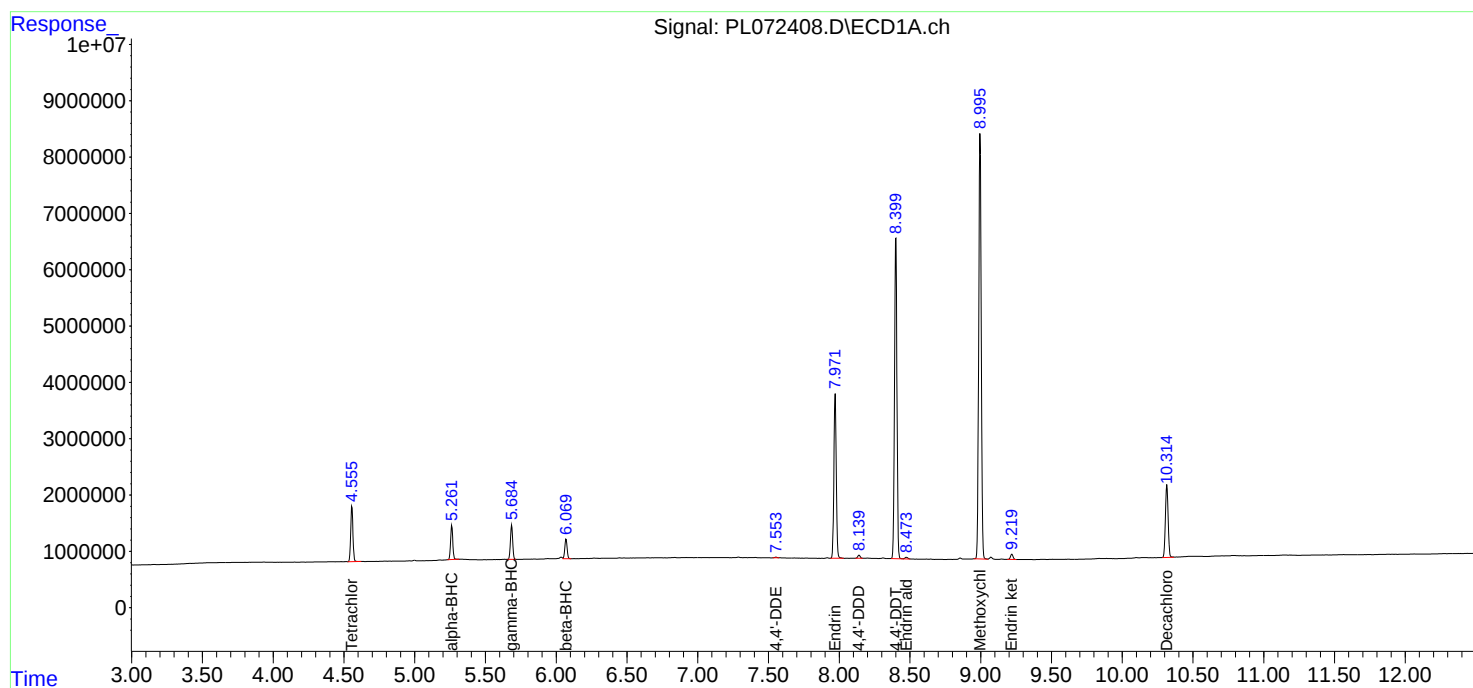
Instrument :
ECD_L
ClientSampleId :
PEM

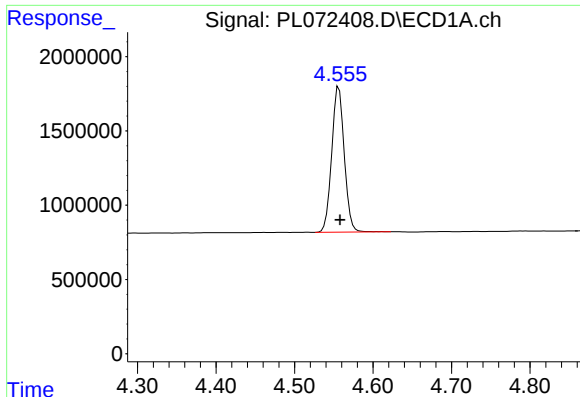
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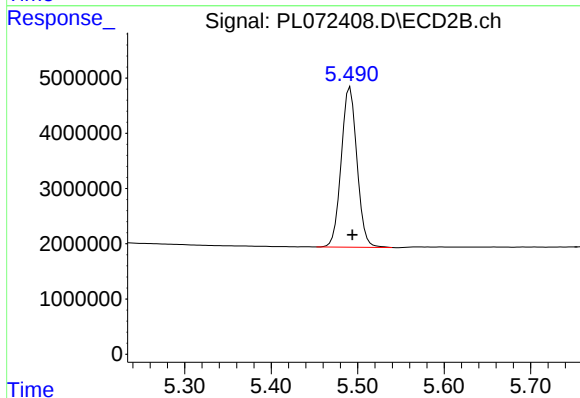
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10870793
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

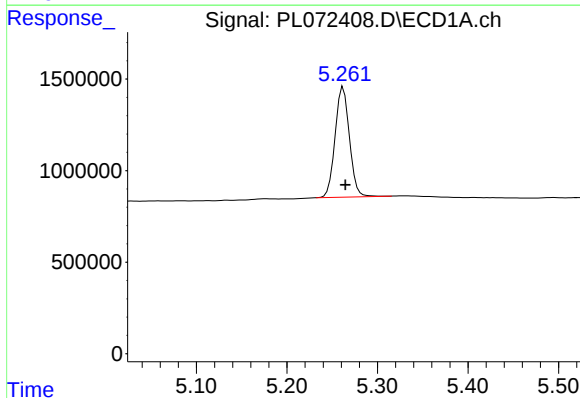
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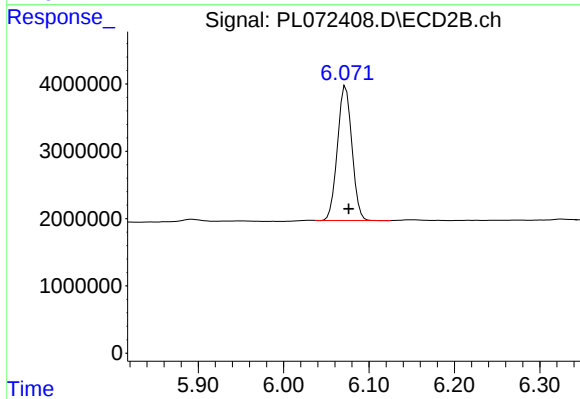
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 36380688
Conc: 22.40 ng/ml



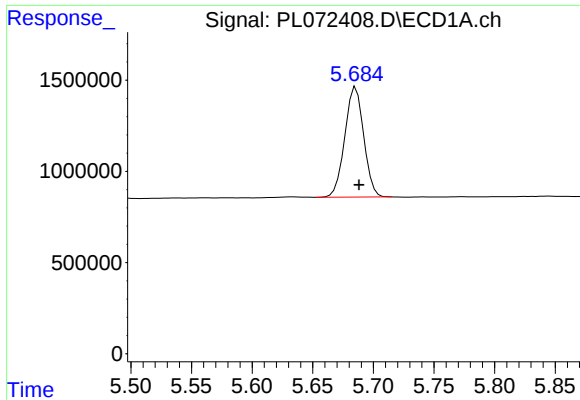
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 6620194
Conc: 8.56 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 23514311
Conc: 9.75 ng/ml



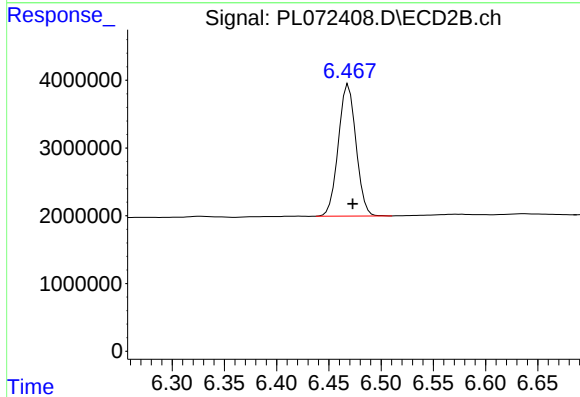
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 6542503
Conc: 8.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

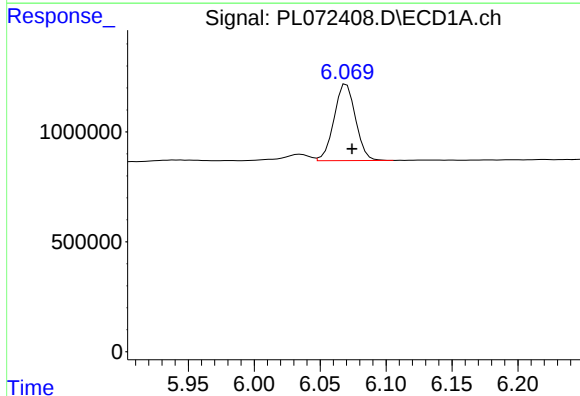
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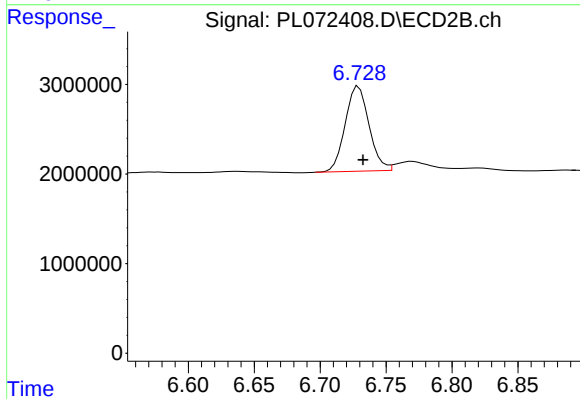
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 22890358
Conc: 10.17 ng/ml



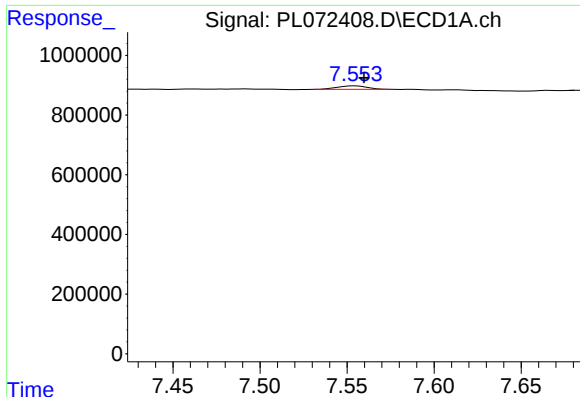
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 3941359
Conc: 11.92 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 11915762
Conc: 12.03 ng/ml



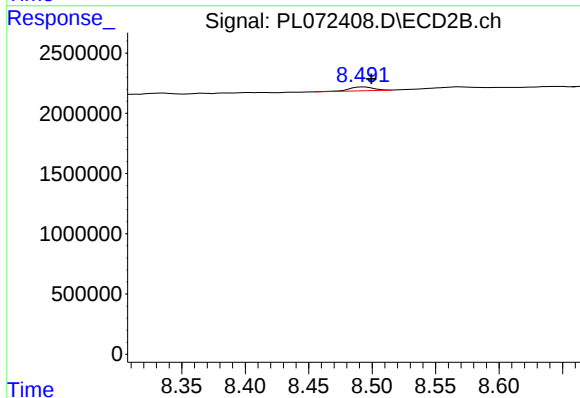
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.006 min
Response: 140589
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

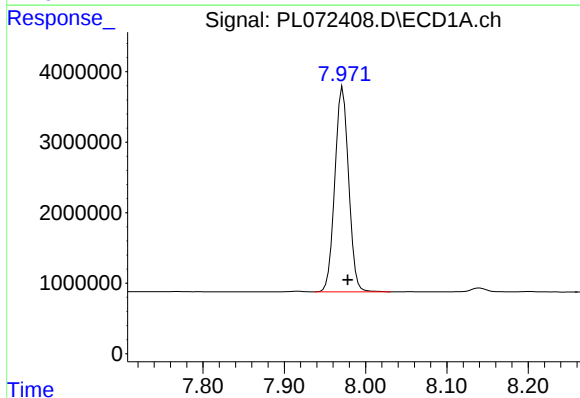
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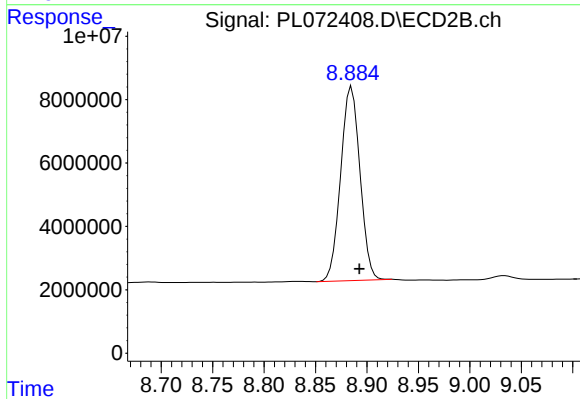
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 427180
Conc: 0.23 ng/ml



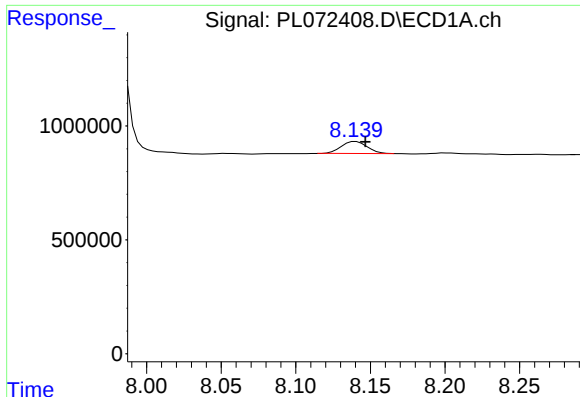
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 34275580
Conc: 48.92 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.008 min
Response: 80021138
Conc: 48.26 ng/ml



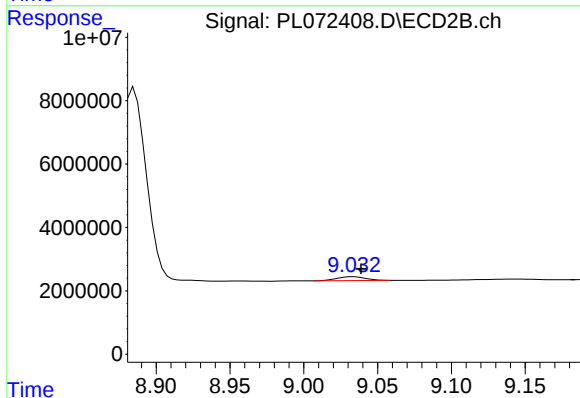
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.008 min
Response: 641247
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

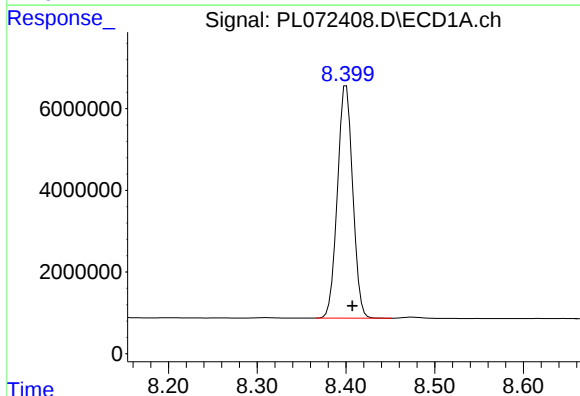
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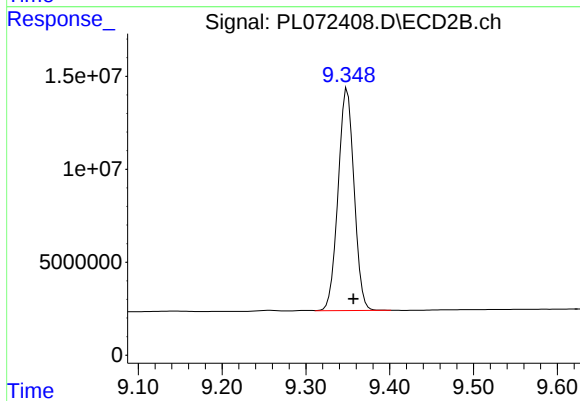
#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 1636339
Conc: 1.14 ng/ml m



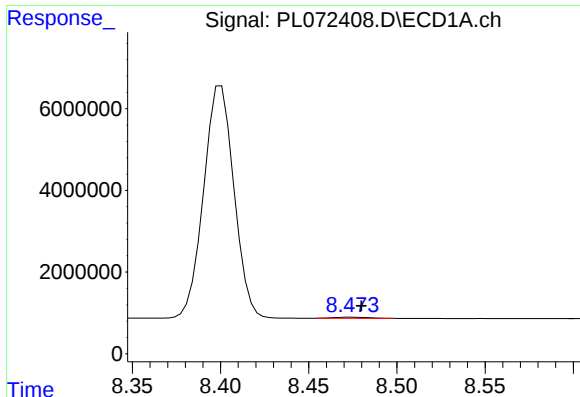
#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: -0.007 min
Response: 68245317
Conc: 102.77 ng/ml



#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.008 min
Response: 157981118
Conc: 99.95 ng/ml



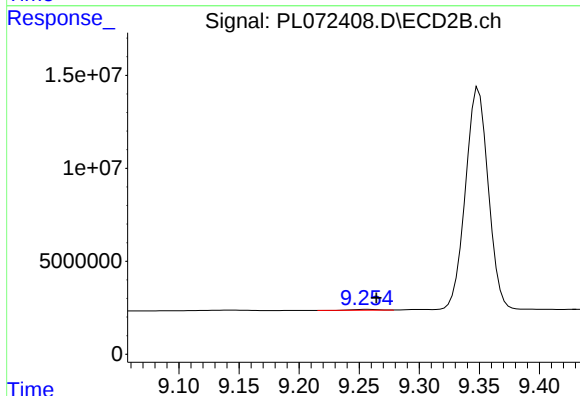
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 408607
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

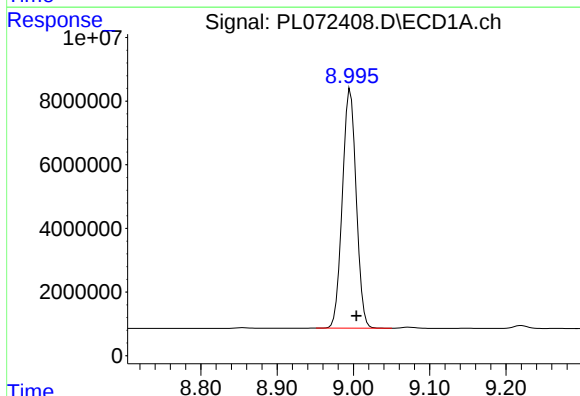
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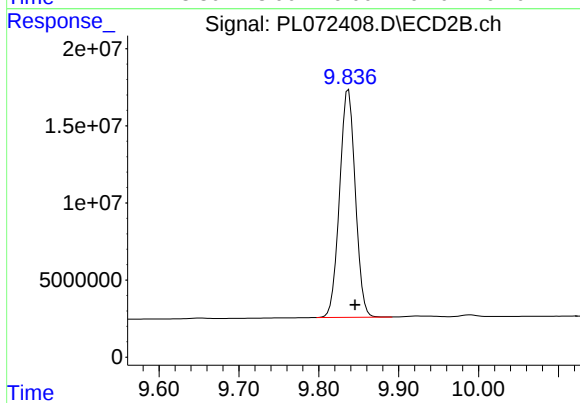
#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.008 min
Response: 591781
Conc: 0.48 ng/ml



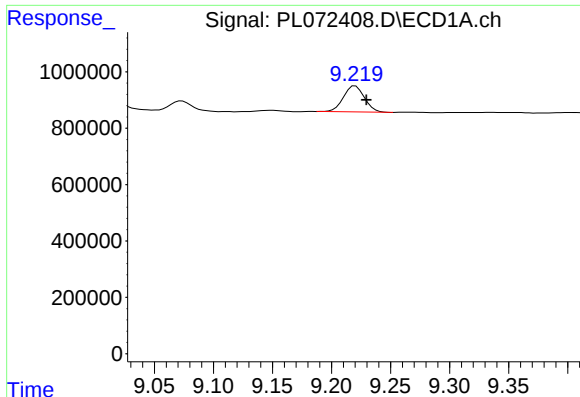
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.008 min
Response: 94922043
Conc: 224.99 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.008 min
Response: 202143504
Conc: 244.03 ng/ml



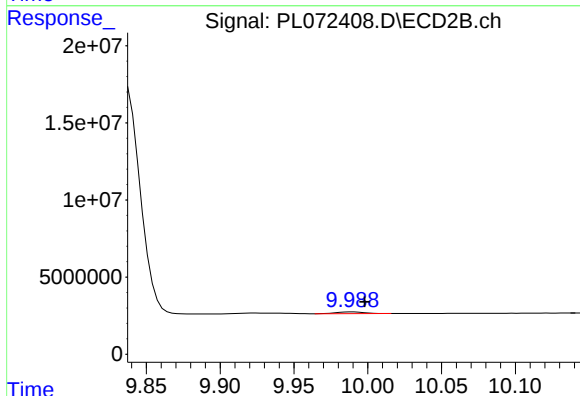
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: -0.009 min
Response: 1147520
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

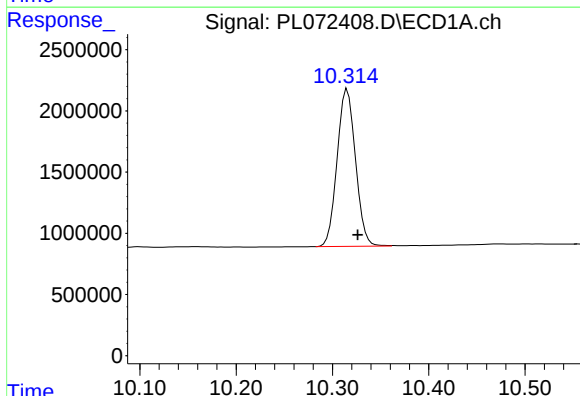
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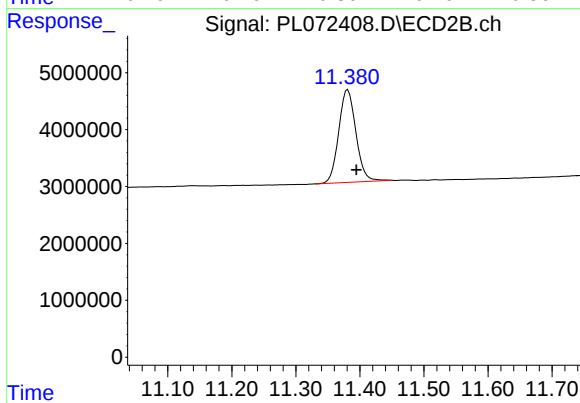
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.009 min
Response: 1532473
Conc: 0.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.012 min
Response: 17058624
Conc: 19.20 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.014 min
Response: 30348427
Conc: 18.81 ng/ml