

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011822\
 Data File : PL072071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2022 19:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2022
 Supervised By : Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 04:25:54 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	5.492	11003102	31675273	19.819	19.503
28)	SA Decachlor...	10.320	11.386	15626457	27339515	17.589	16.944
Target Compounds							
2)	A alpha-BHC	5.260	6.073	6921236	21213964	8.951m	8.792
3)	MA gamma-BHC...	5.685	6.470	6536037	19889657	8.668	8.839
6)	B beta-BHC	6.070	6.729	3935399	10040158	11.905	10.140
12)	B 4,4'-DDE	7.553	8.496	118169	319303	0.164m	0.169
14)	MA Endrin	7.974	8.888	31177098	65901047	44.496	39.747
16)	A 4,4'-DDD	8.141	9.034	710399	1626892	1.212m	1.138m
17)	MA 4,4'-DDT	8.402	9.351	61165143	128.0E6	92.107	80.972
18)	B Endrin al...	8.480	9.258	167712	267526	0.294m	0.216m#
20)	A Methoxychlor	8.999	9.840	84696095	173.3E6	200.751	209.241
21)	B Endrin ke...	9.223	9.993	679385	868931	0.816	0.525 #

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

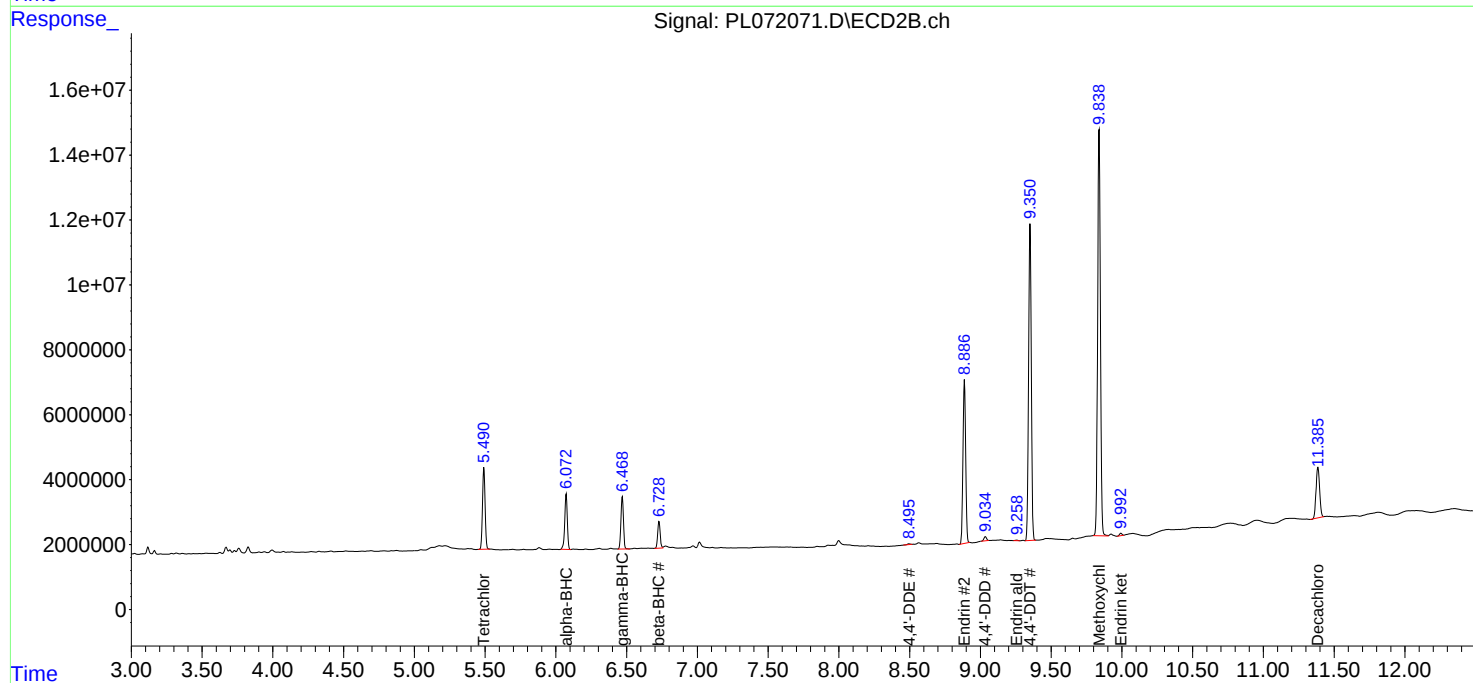
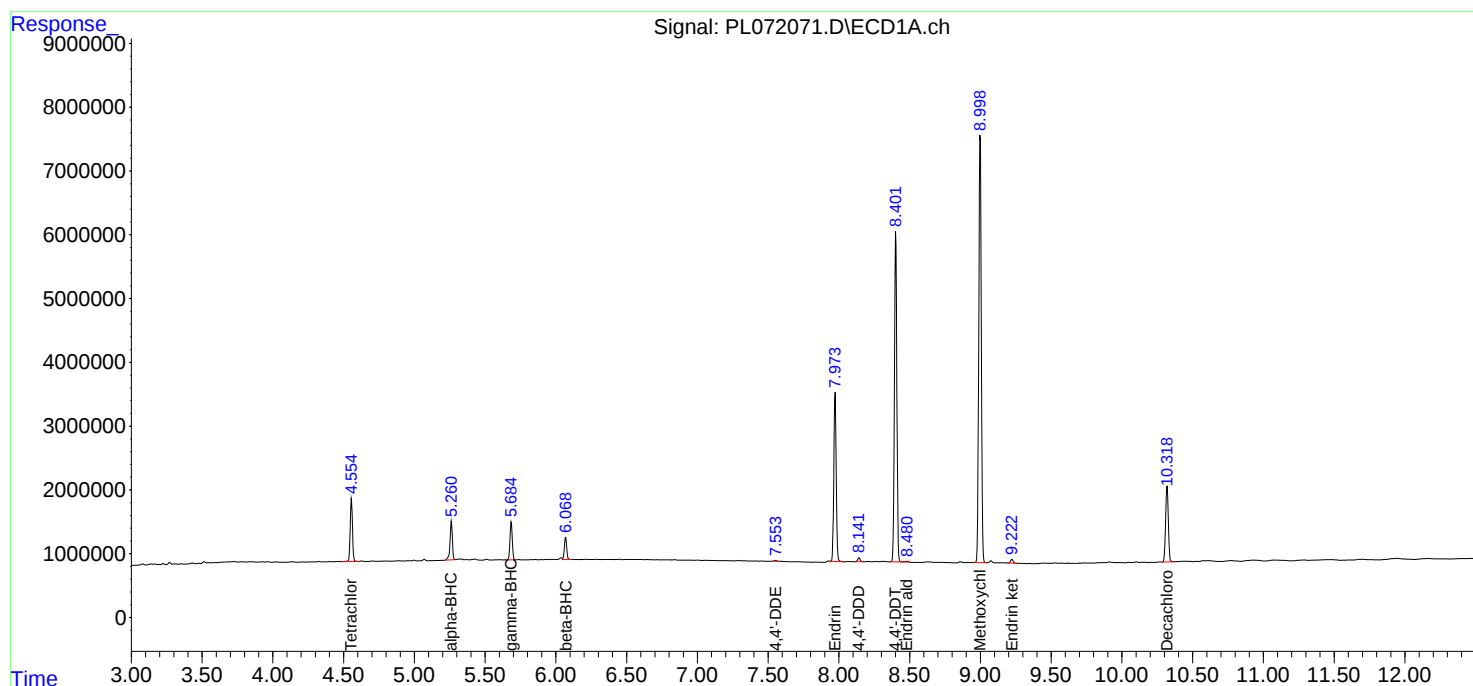
Instrument :
ECD_L
ClientSampleId :
PEM

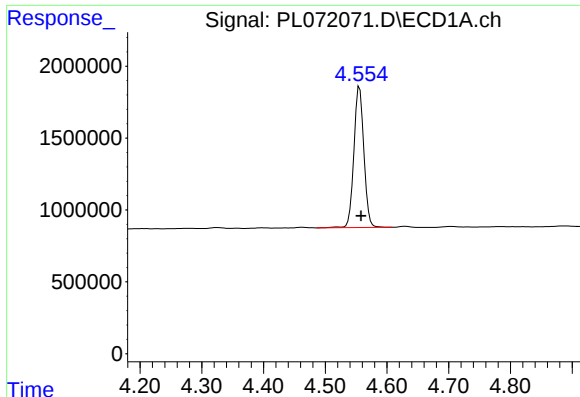
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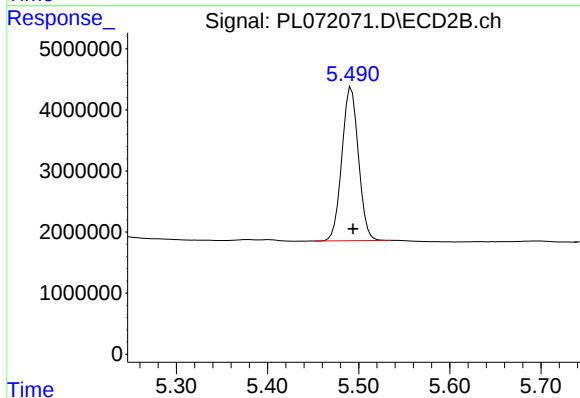
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 11003102
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

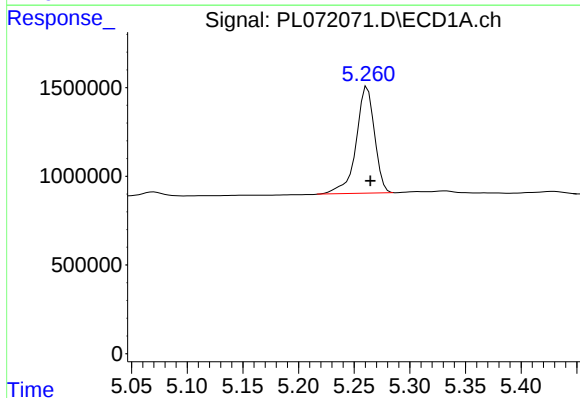
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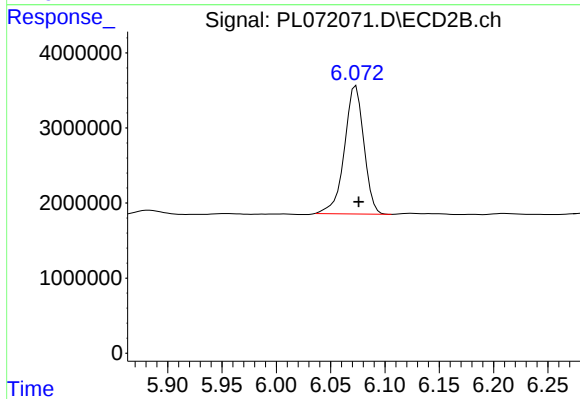
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 31675273
Conc: 19.50 ng/ml



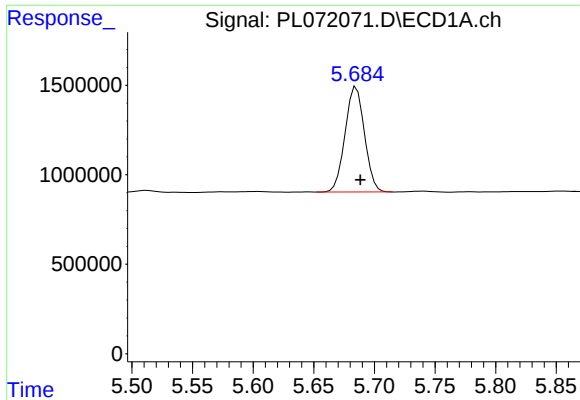
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 6921236
Conc: 8.95 ng/ml m



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 21213964
Conc: 8.79 ng/ml



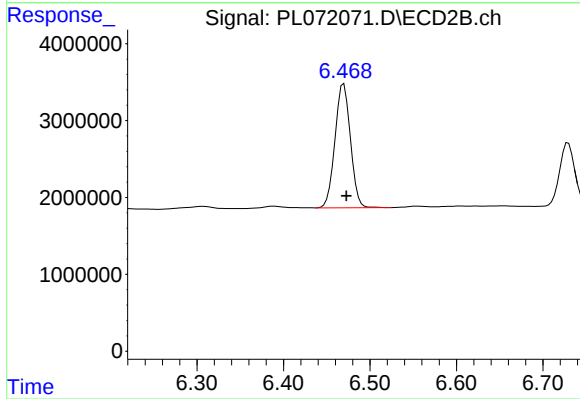
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 6536037
Conc: 8.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

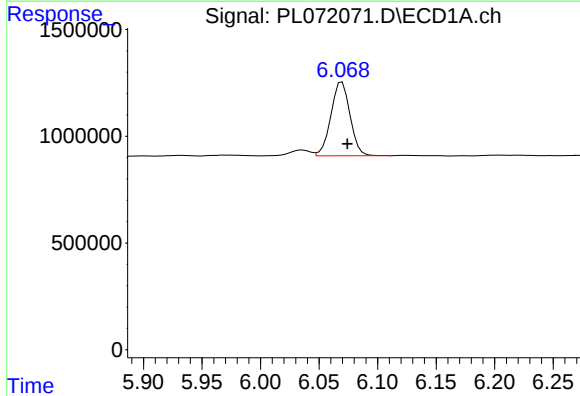
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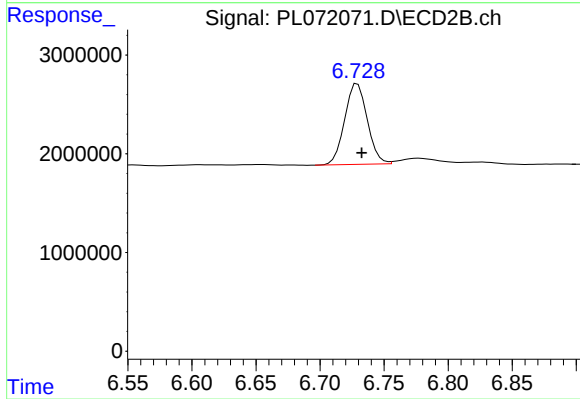
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 19889657
Conc: 8.84 ng/ml



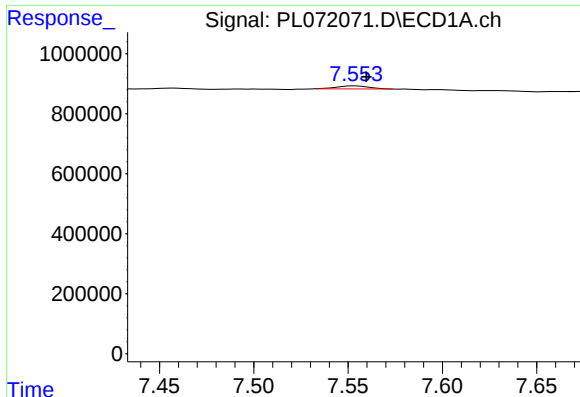
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 3935399
Conc: 11.91 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 10040158
Conc: 10.14 ng/ml



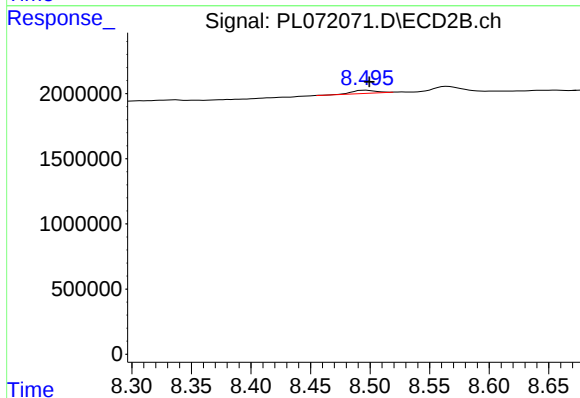
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.007 min
Response: 118169
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

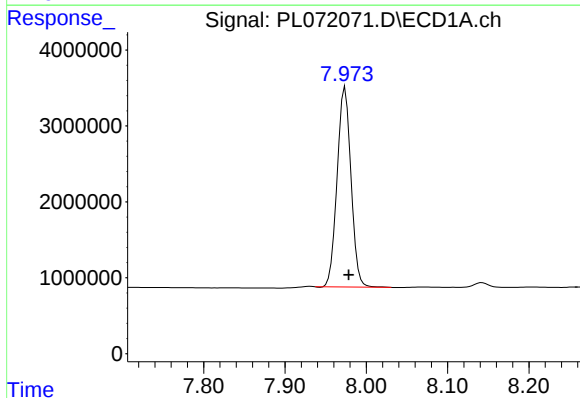
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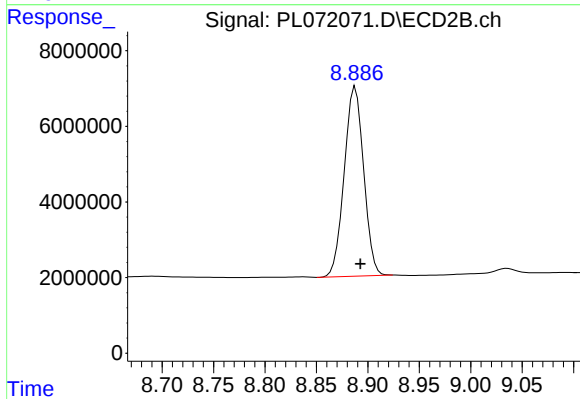
#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 319303
Conc: 0.17 ng/ml



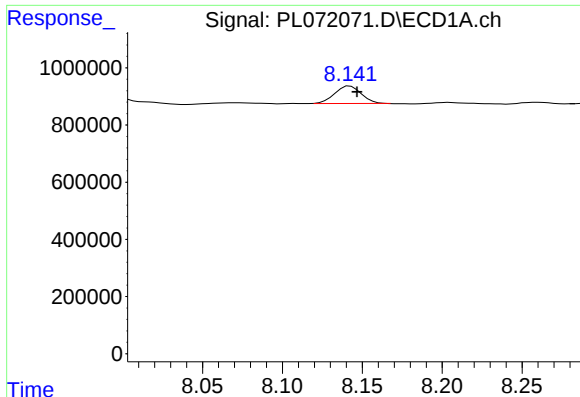
#14 Endrin

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 31177098
Conc: 44.50 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 65901047
Conc: 39.75 ng/ml



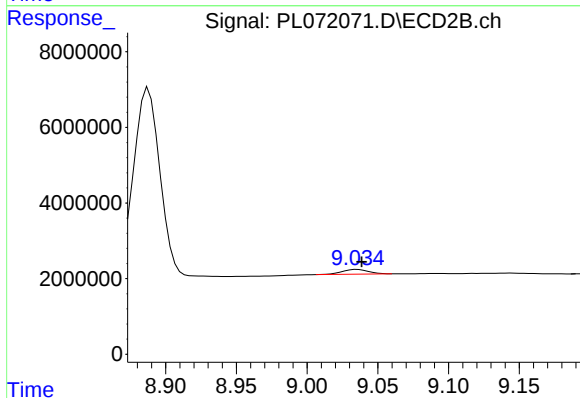
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 710399
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

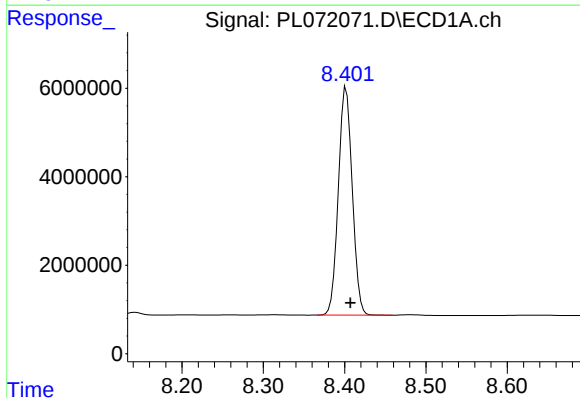
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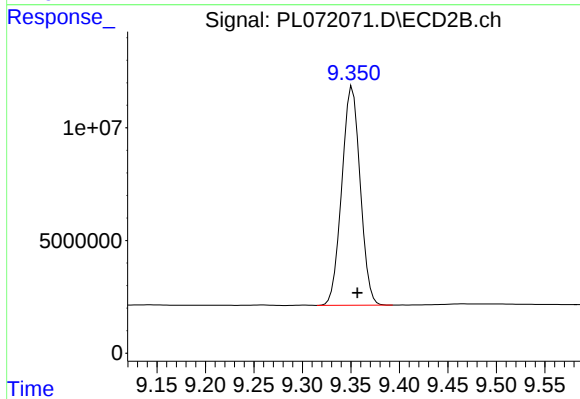
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 1626892
Conc: 1.14 ng/ml m



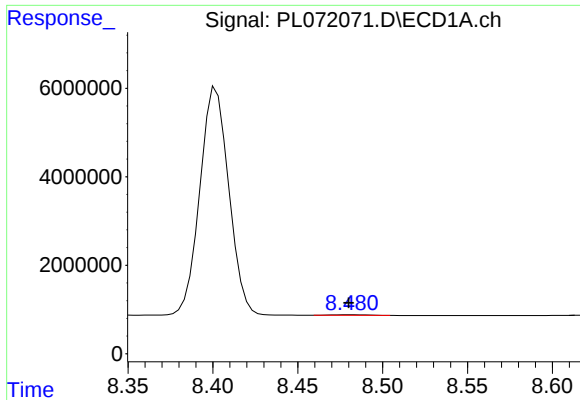
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: -0.005 min
Response: 61165143
Conc: 92.11 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.005 min
Response: 127979968
Conc: 80.97 ng/ml



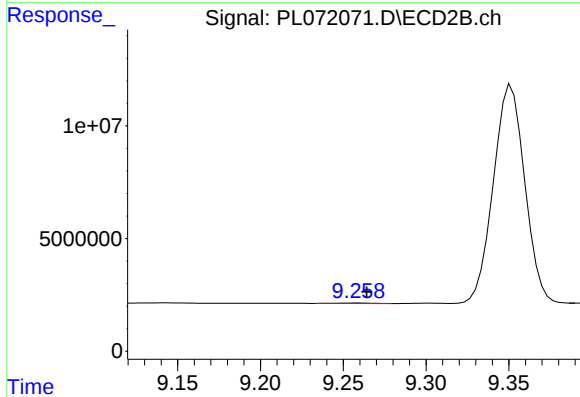
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 167712
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

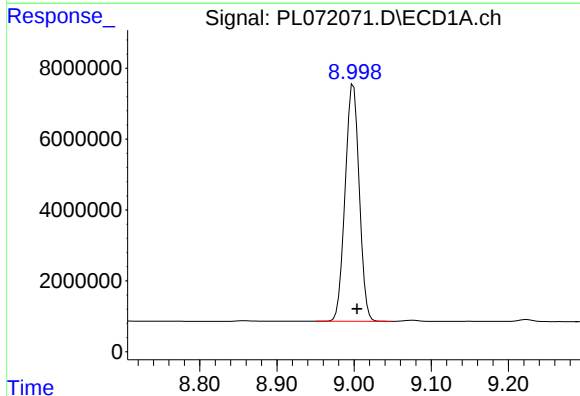
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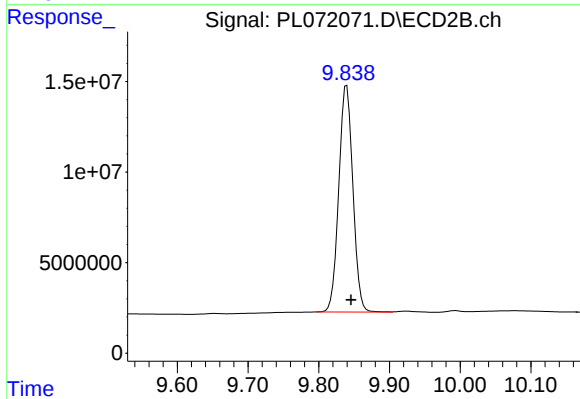
#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: -0.007 min
Response: 267526
Conc: 0.22 ng/ml m



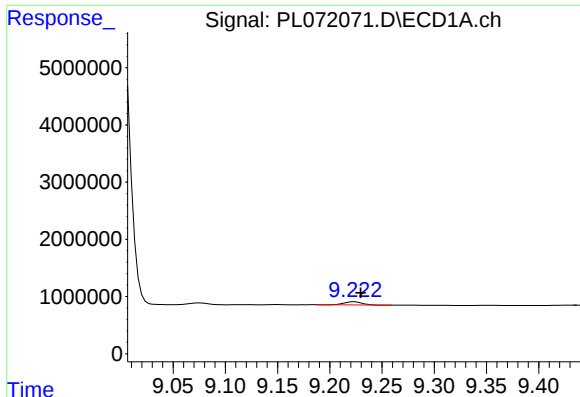
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 84696095
Conc: 200.75 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.006 min
Response: 173324282
Conc: 209.24 ng/ml



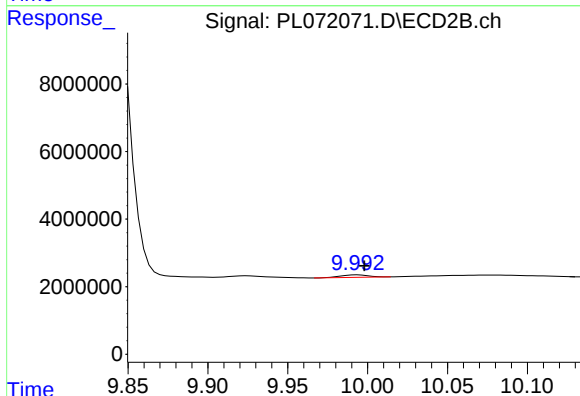
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: -0.006 min
Response: 679385
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

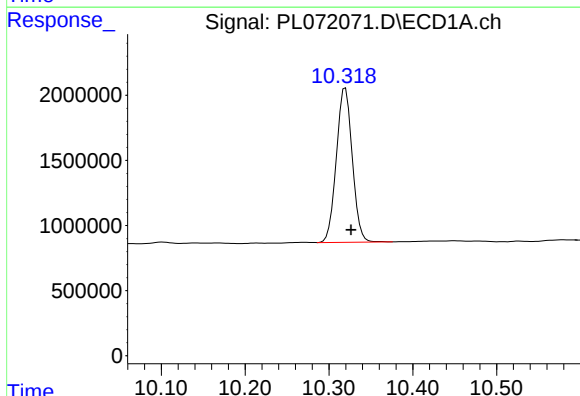
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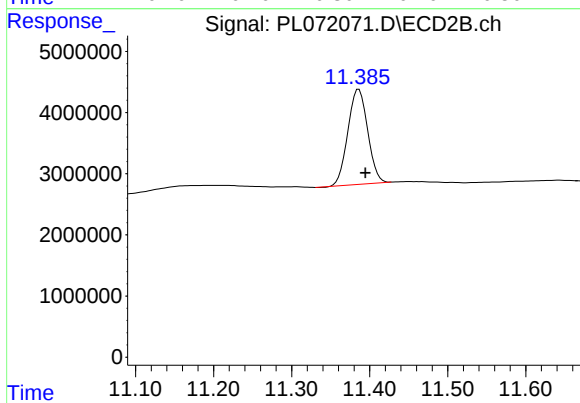
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 868931
Conc: 0.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.007 min
Response: 15626457
Conc: 17.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: -0.009 min
Response: 27339515
Conc: 16.94 ng/ml