

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011922\
 Data File : PL072095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2022 10:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/20/2022
 Supervised By : Ankita Jodhani 01/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 00:07:36 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...	4.557	5.493	11192266	34091491	20.159	20.991
28)	SA Decachlor...	10.319	11.386	17892271	33511042	20.139m	20.769
Target Compounds							
2)	A alpha-BHC	5.264	6.074	6654407	23137959	8.606	9.589
3)	MA gamma-BHC...	5.687	6.471	6736570	21841821	8.934	9.706
6)	B beta-BHC	6.071	6.730	4065338	11313631	12.298	11.427
12)	B 4,4'-DDE	7.556	8.495	199984	451744	0.277	0.239
14)	MA Endrin	7.974	8.888	33601321	81371203	47.956	49.078
16)	A 4,4'-DDD	8.141	9.034	998405	2638764	1.703m	1.846m
17)	MA 4,4'-DDT	8.403	9.352	65753536	156.3E6	99.016	98.870
18)	B Endrin al...	8.477	9.259	349964	460419	0.614m	0.371m#
20)	A Methoxychlor	8.999	9.841	90383292	195.7E6	214.231	236.236
21)	B Endrin ke...	9.223	9.993	1176453	2006376	1.413m	1.212

(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

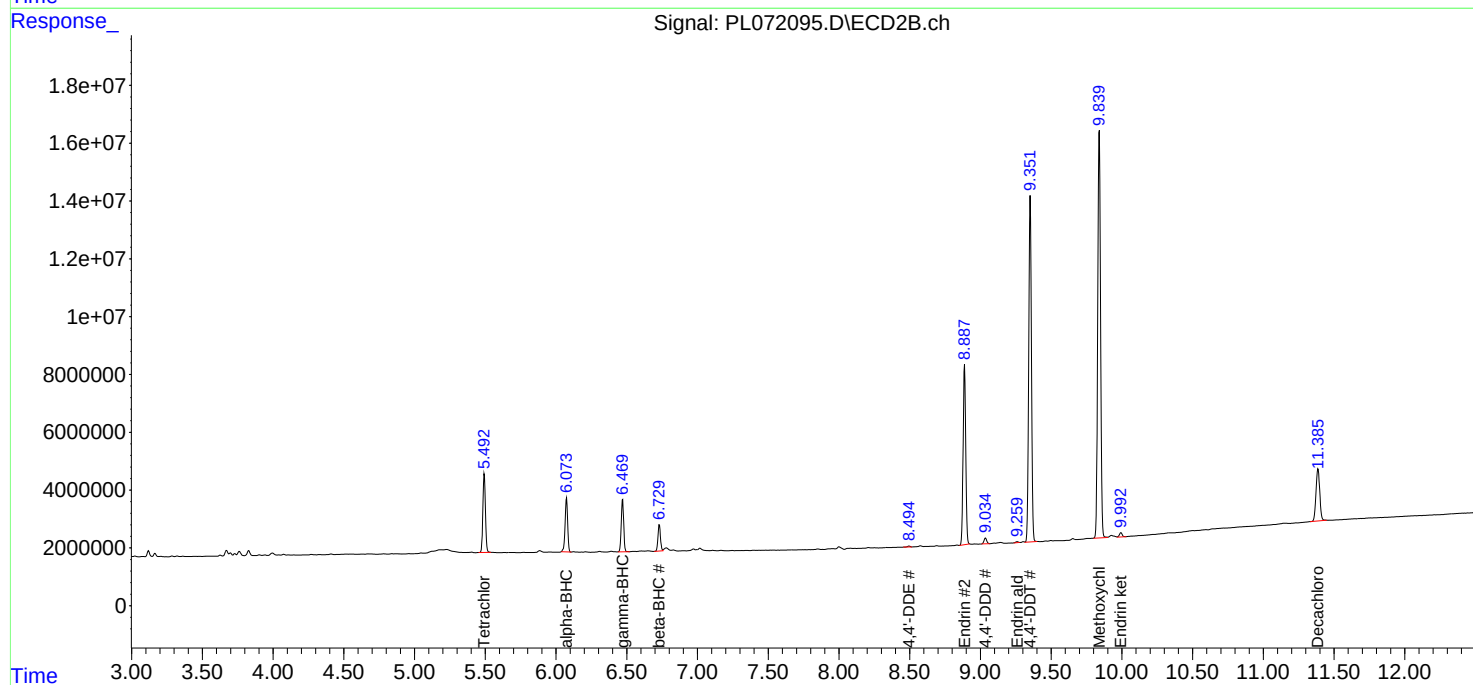
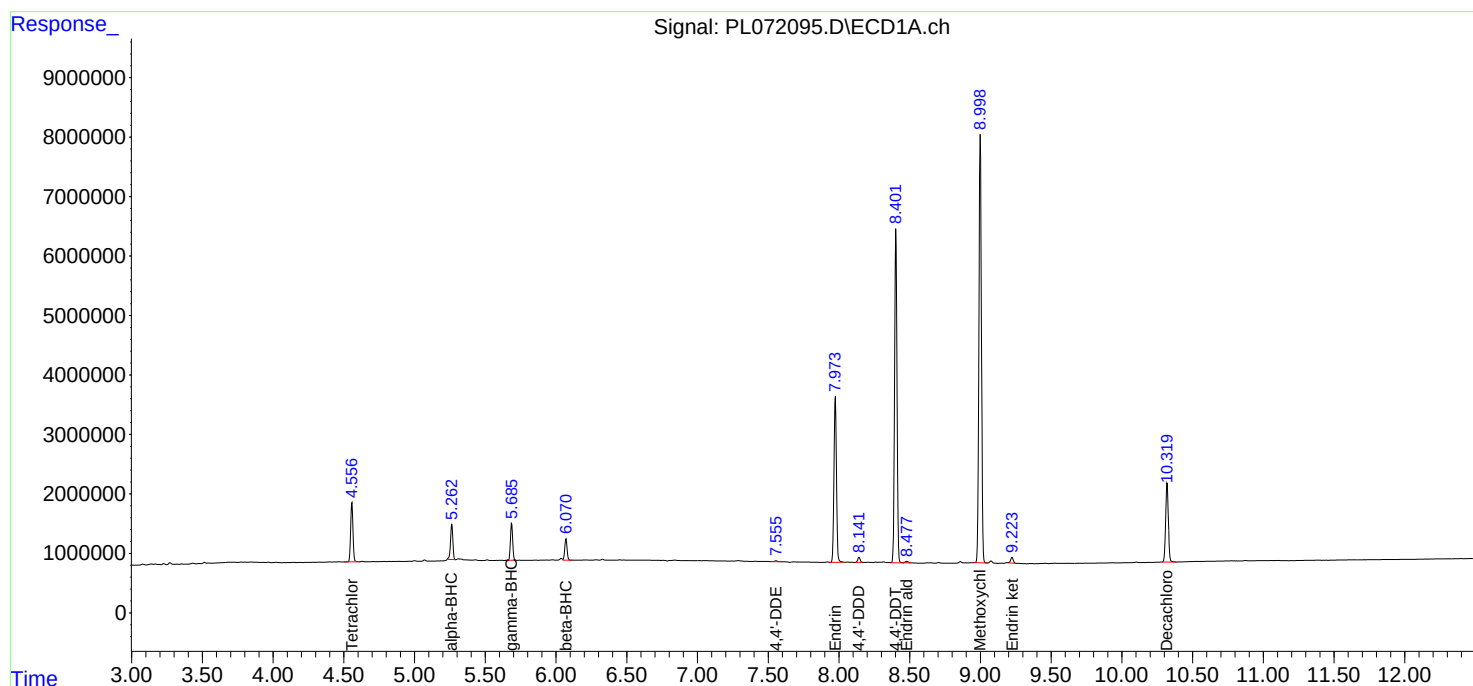
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ECD_L
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PEM

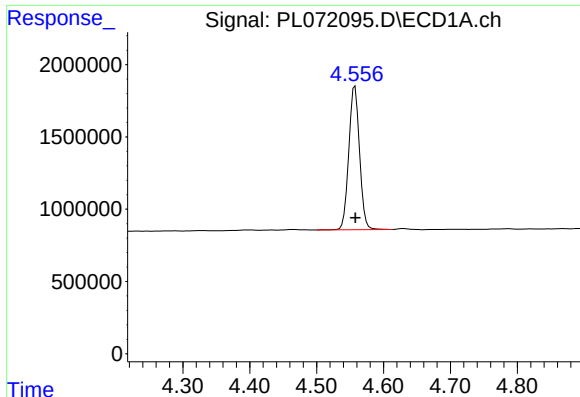
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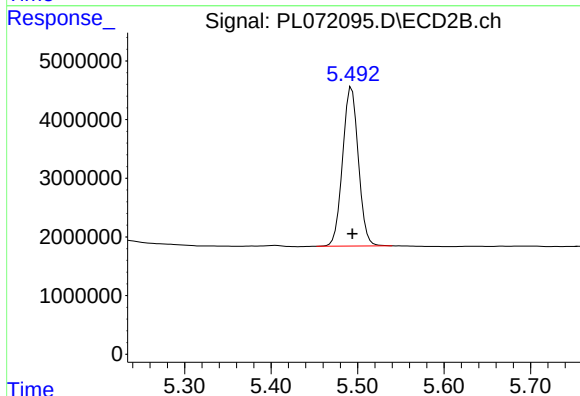
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 11192266
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

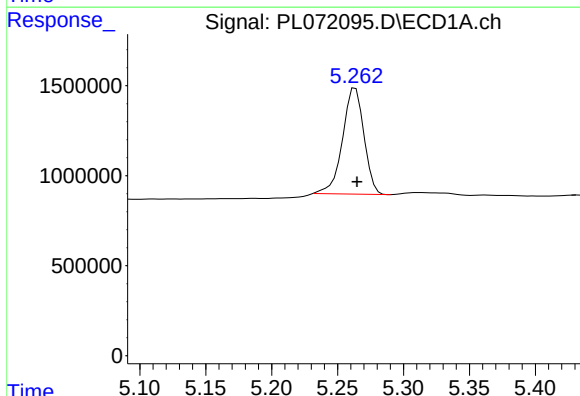
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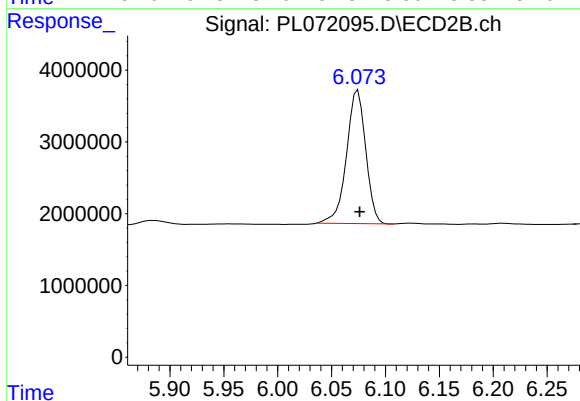
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 34091491
Conc: 20.99 ng/ml



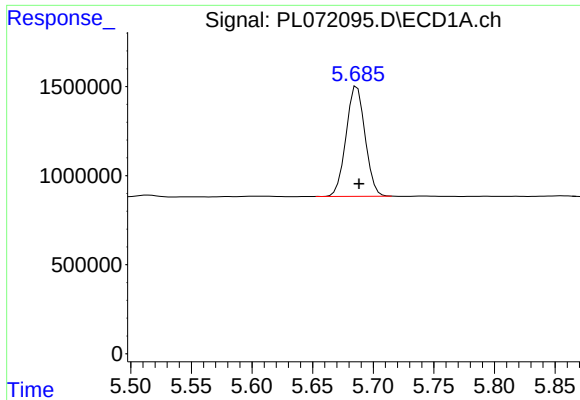
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: -0.001 min
Response: 6654407
Conc: 8.61 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 23137959
Conc: 9.59 ng/ml



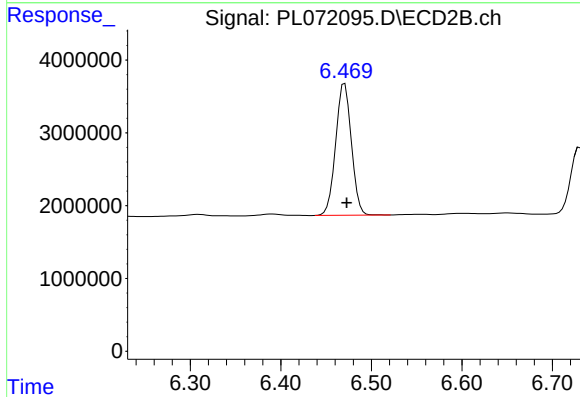
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 6736570
Conc: 8.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

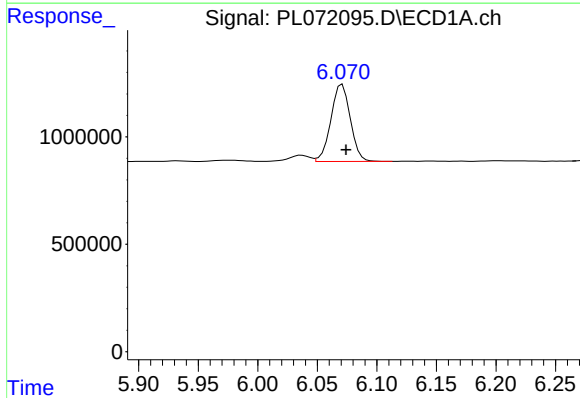
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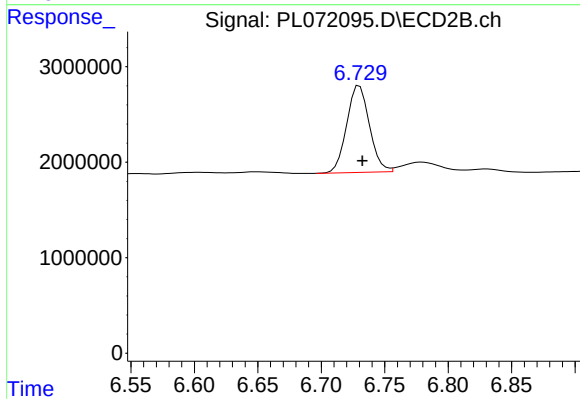
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 21841821
Conc: 9.71 ng/ml



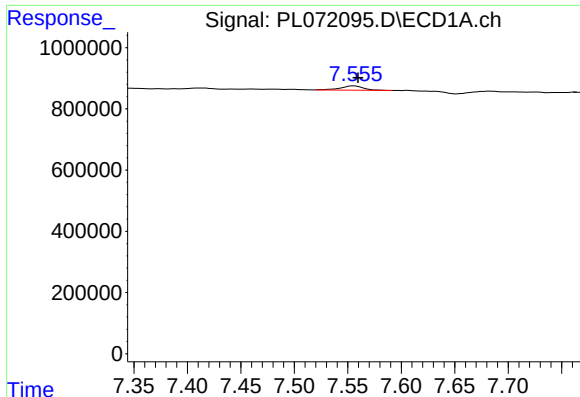
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 4065338
Conc: 12.30 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 11313631
Conc: 11.43 ng/ml



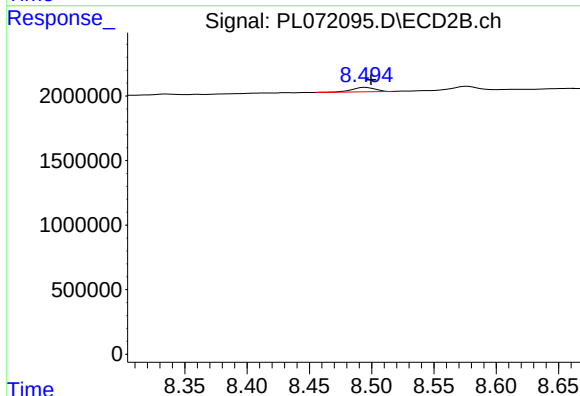
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 199984
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

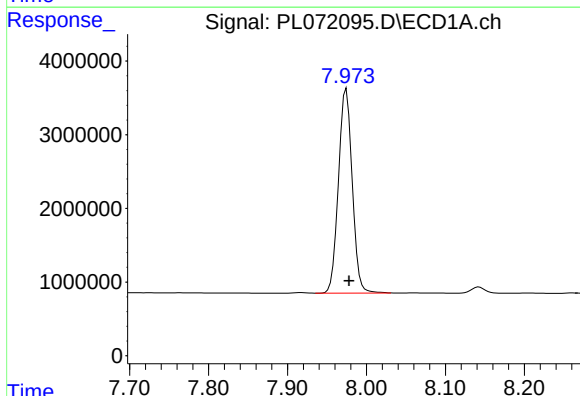
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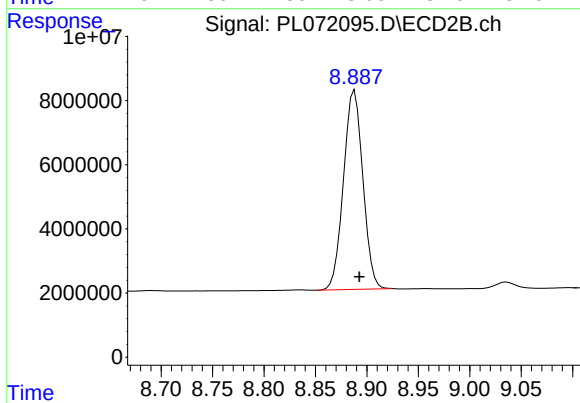
#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 451744
Conc: 0.24 ng/ml



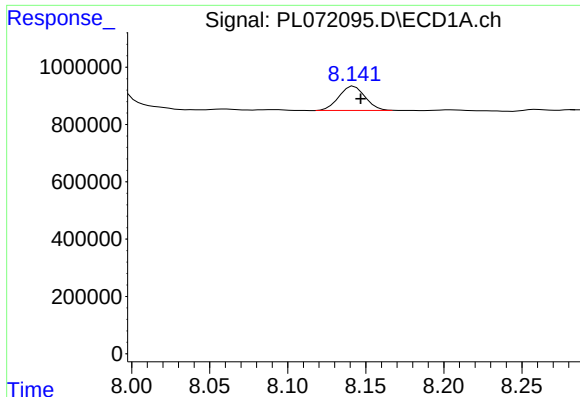
#14 Endrin

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 33601321
Conc: 47.96 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 81371203
Conc: 49.08 ng/ml



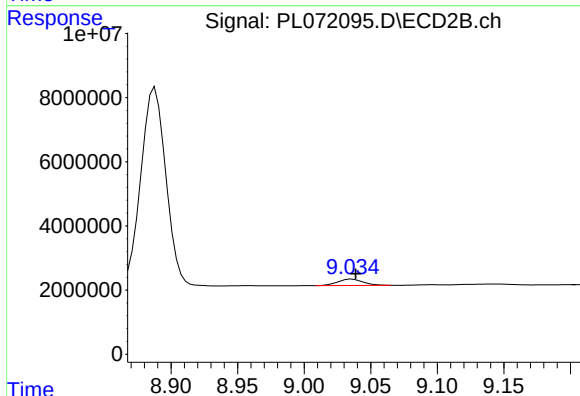
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 998405
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

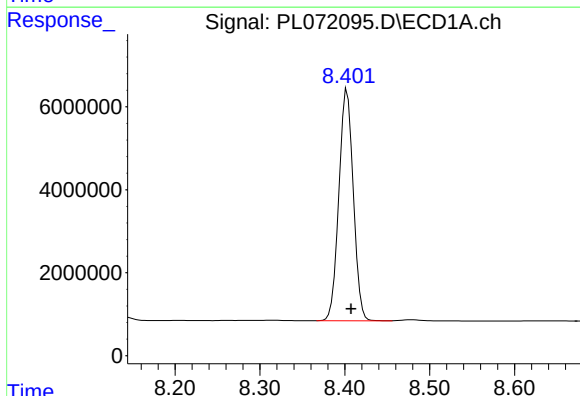
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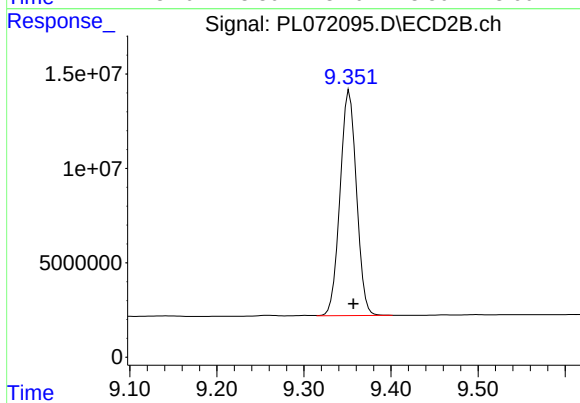
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 2638764
Conc: 1.85 ng/ml m



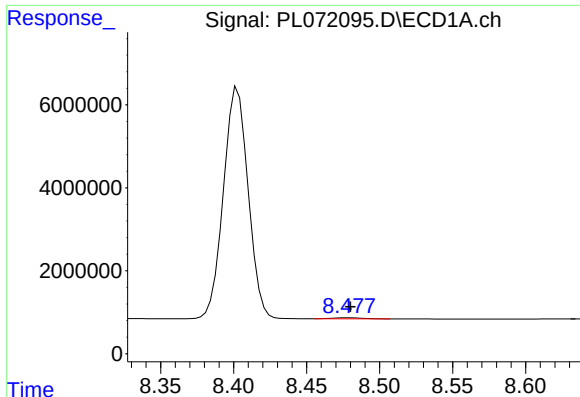
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 65753536
Conc: 99.02 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.005 min
Response: 156267827
Conc: 98.87 ng/ml



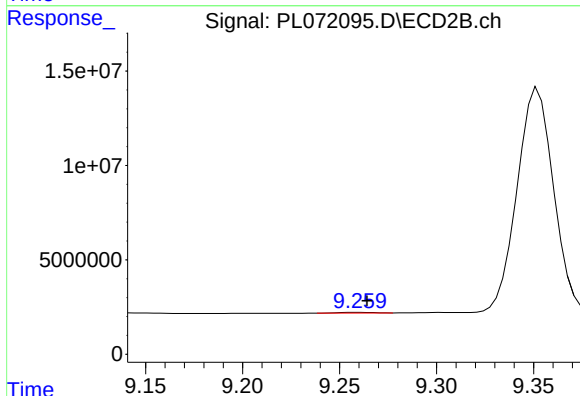
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 349964
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

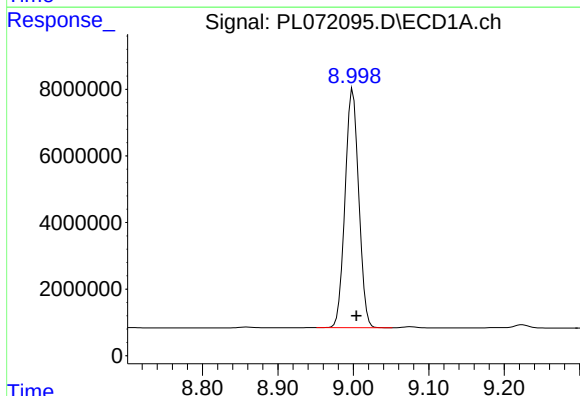
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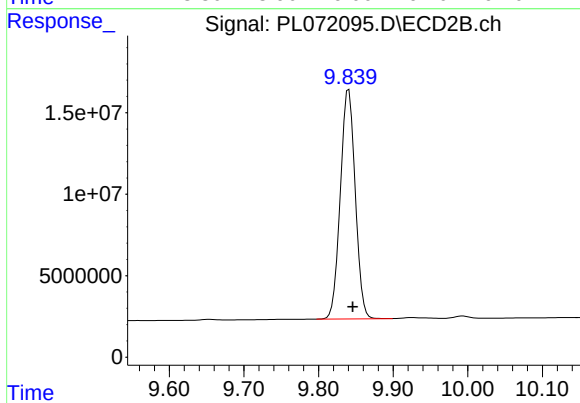
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: -0.005 min
Response: 460419
Conc: 0.37 ng/ml m



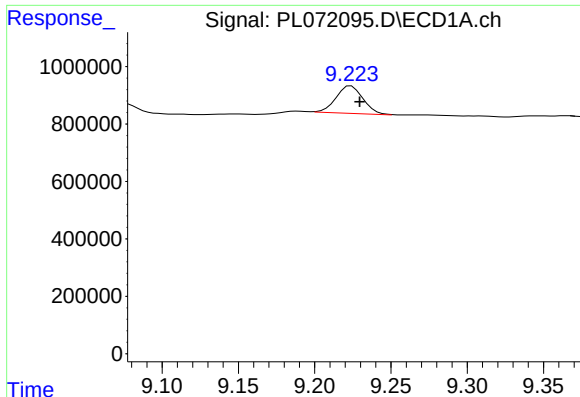
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 90383292
Conc: 214.23 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.005 min
Response: 195685285
Conc: 236.24 ng/ml



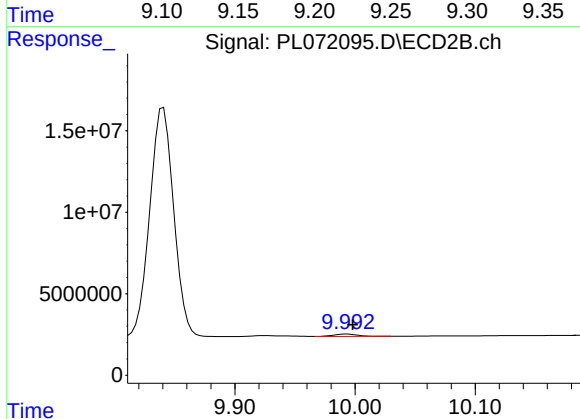
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: -0.007 min
Response: 1176453
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

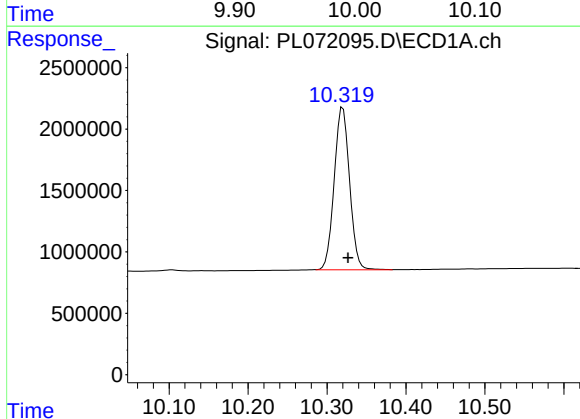
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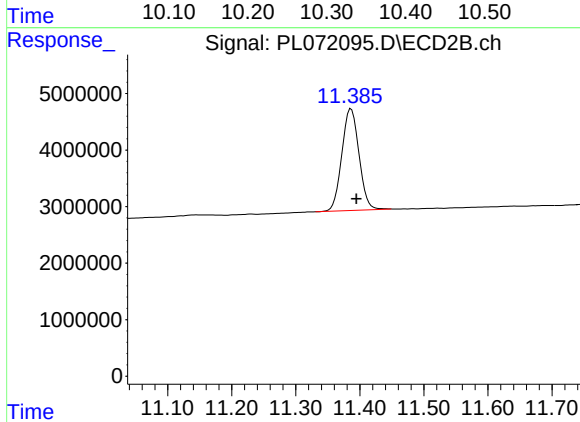
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2006376
Conc: 1.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: -0.008 min
Response: 17892271
Conc: 20.14 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: -0.008 min
Response: 33511042
Conc: 20.77 ng/ml