

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
 Data File : PL072151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 09:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/24/2022
 Supervised By : Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:55:06 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...	4.562	5.492	11664321	34777869	21.010	21.413
28)	SA Decachlor...	10.320	11.385	18759508	34308947	21.115	21.264
Target Compounds							
2)	A alpha-BHC	5.268	6.073	7176776	23348832	9.282	9.677
3)	MA gamma-BHC...	5.691	6.470	7037454	22253857	9.333	9.889
6)	B beta-BHC	6.075	6.729	4426619	13290233	13.391	13.423
12)	B 4,4'-DDE	7.559	8.495	198260	484857	0.275	0.256
14)	MA Endrin	7.977	8.887	34290016	81958817	48.939	49.432
16)	A 4,4'-DDD	8.145	9.033	2048862	5177306	3.495	3.621m
17)	MA 4,4'-DDT	8.405	9.351	67591985	158.3E6	101.784	100.171
18)	B Endrin al...	8.477	9.255	400778	565017	0.703m	0.455m#
20)	A Methoxychlor	9.000	9.840	93267852	199.3E6	221.069	240.649
21)	B Endrin ke...	9.226	9.992	1836507	3407378	2.205	2.059

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

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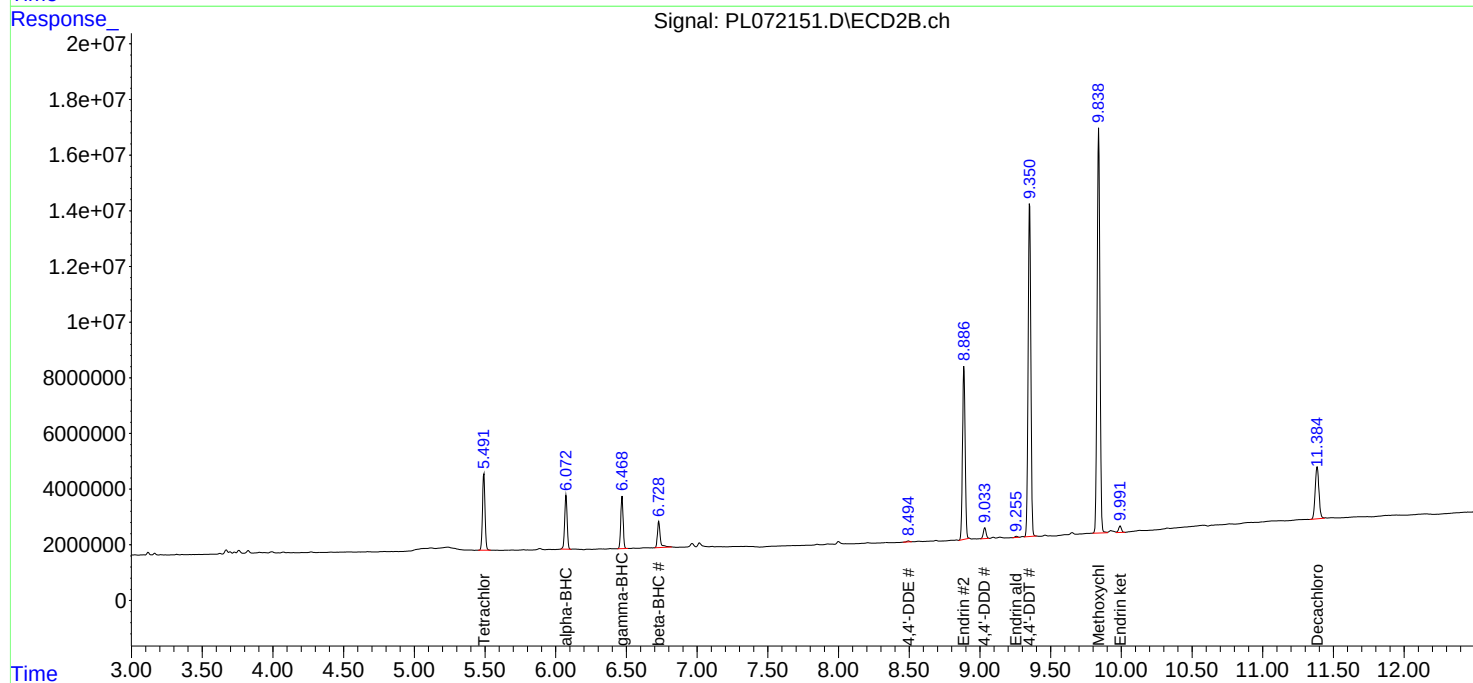
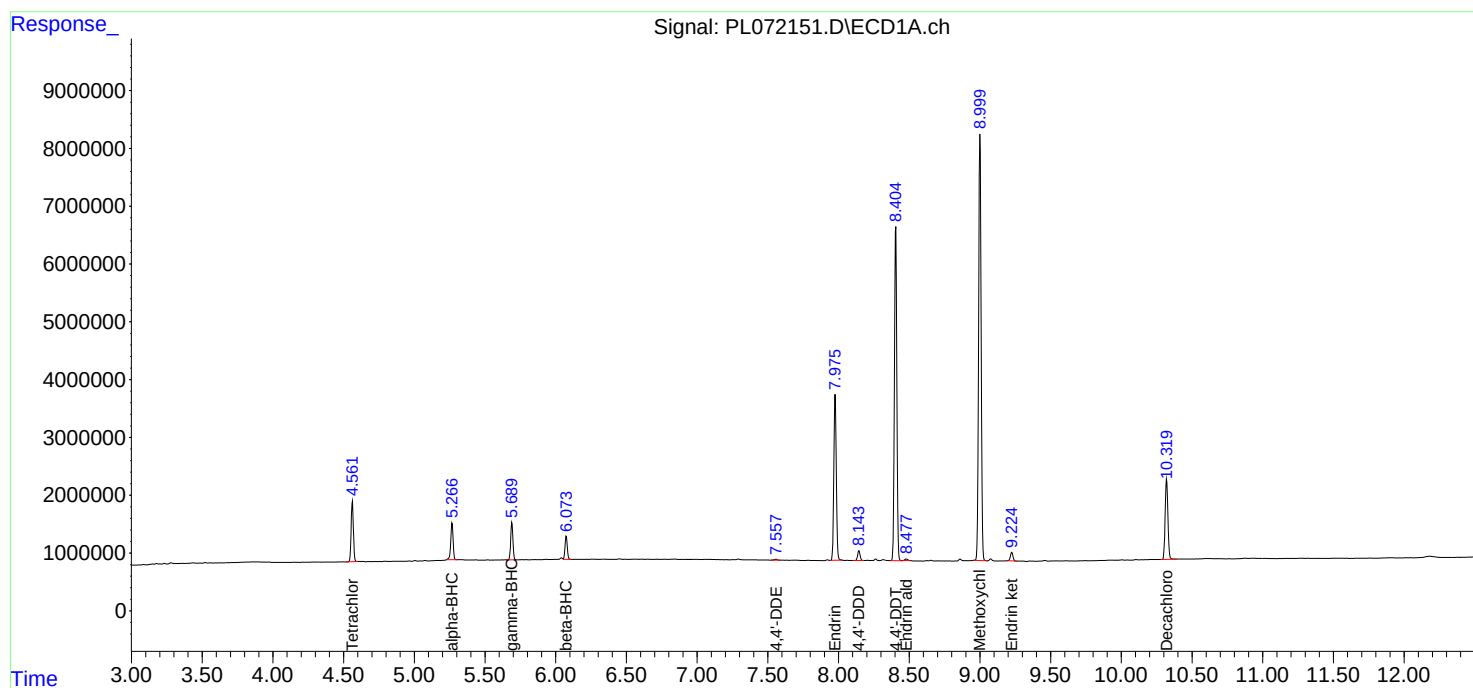
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PEM

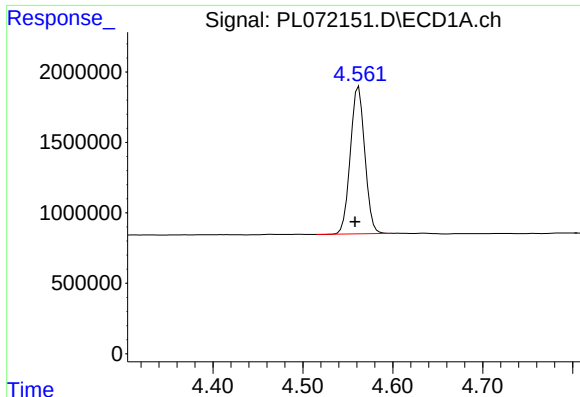
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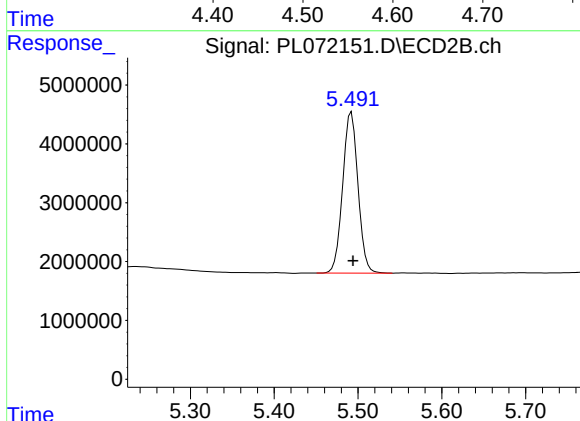
#1 Tetrachloro-m-xylene

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 11664321
Conc: 21.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

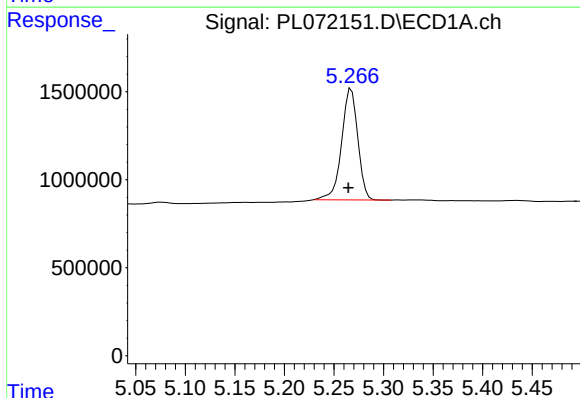
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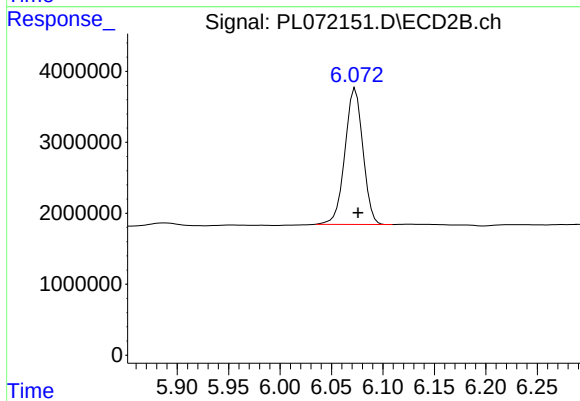
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 34777869
Conc: 21.41 ng/ml



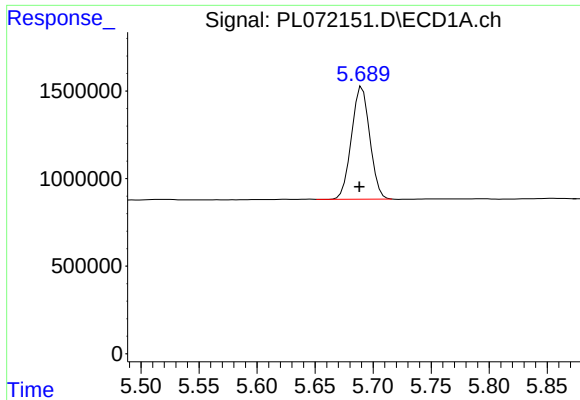
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: 0.003 min
Response: 7176776
Conc: 9.28 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 23348832
Conc: 9.68 ng/ml



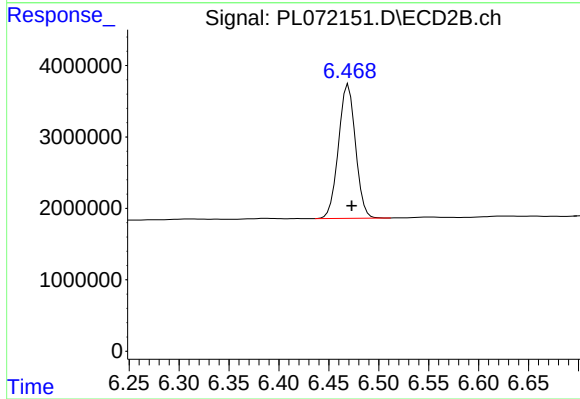
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 7037454
Conc: 9.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

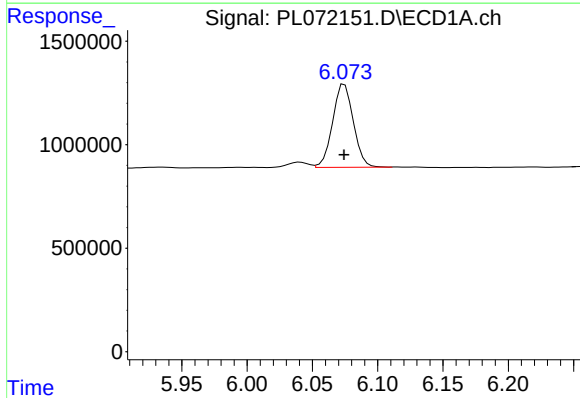
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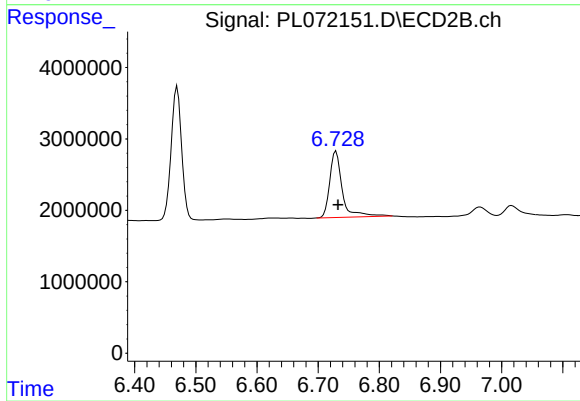
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 22253857
Conc: 9.89 ng/ml



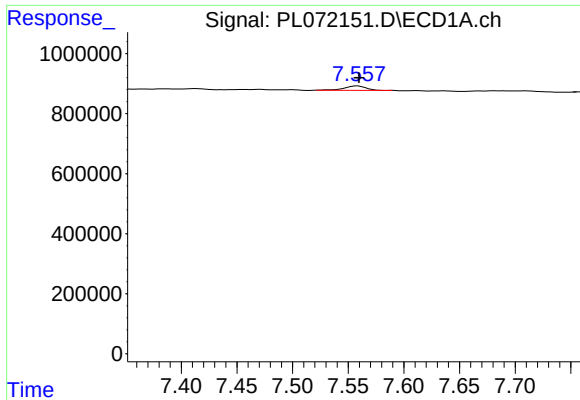
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 4426619
Conc: 13.39 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 13290233
Conc: 13.42 ng/ml



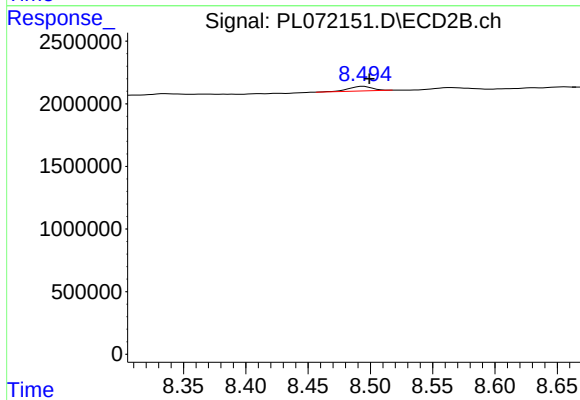
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: -0.001 min
Response: 198260
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

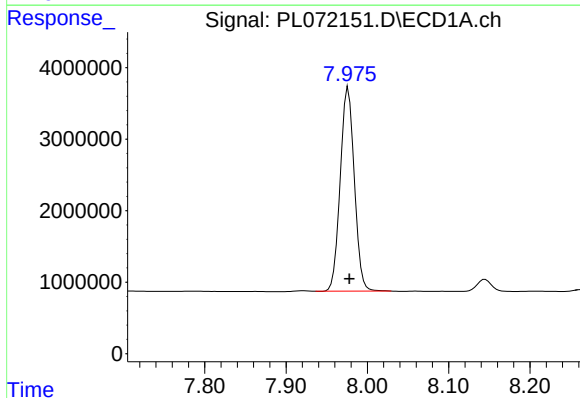
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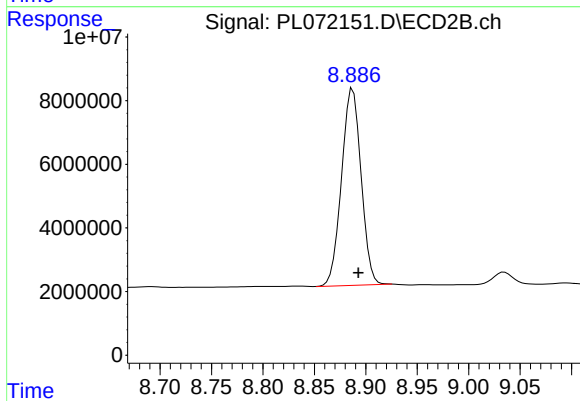
#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 484857
Conc: 0.26 ng/ml



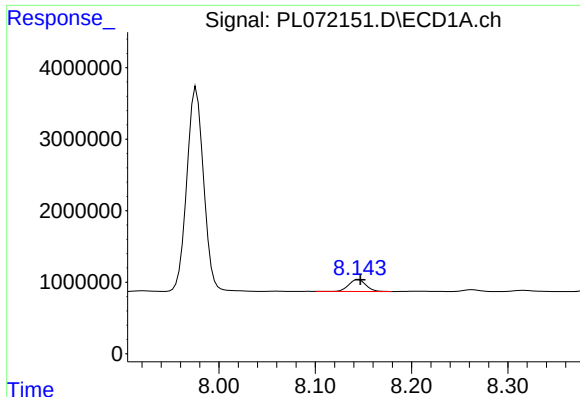
#14 Endrin

R.T.: 7.977 min
Delta R.T.: -0.002 min
Response: 34290016
Conc: 48.94 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.005 min
Response: 81958817
Conc: 49.43 ng/ml



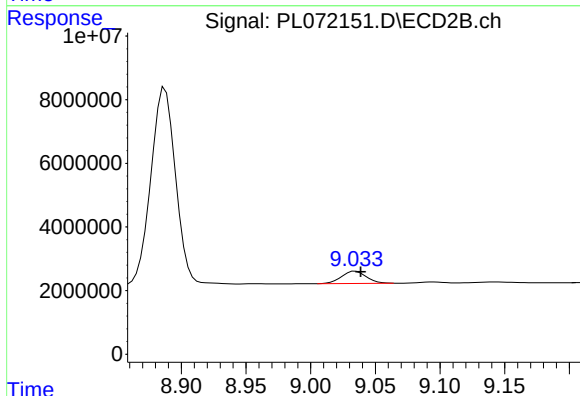
#16 4,4'-DDD

R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 2048862
Conc: 3.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

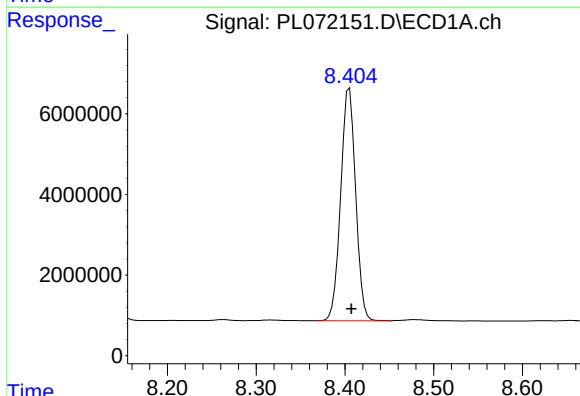
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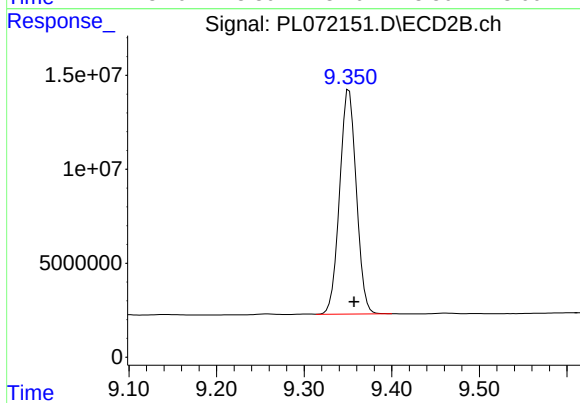
#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 5177306
Conc: 3.62 ng/ml m



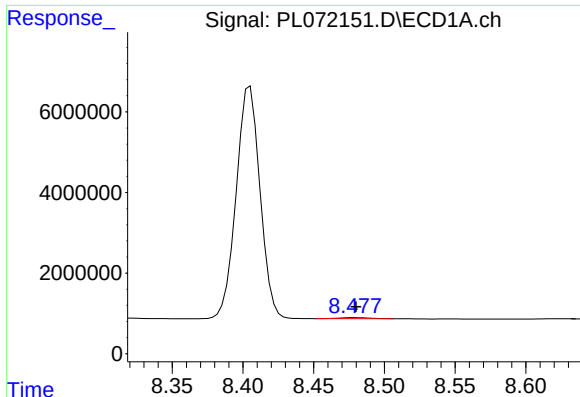
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 67591985
Conc: 101.78 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 158324438
Conc: 100.17 ng/ml



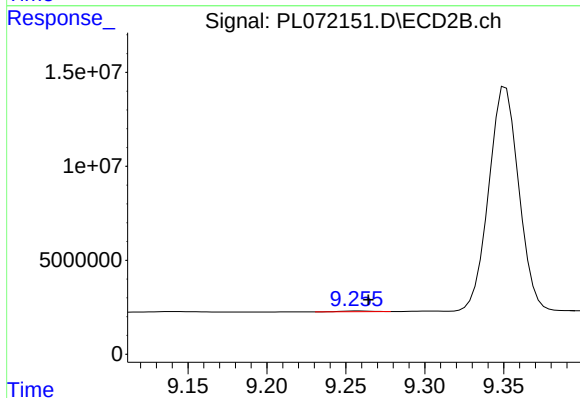
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 400778
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

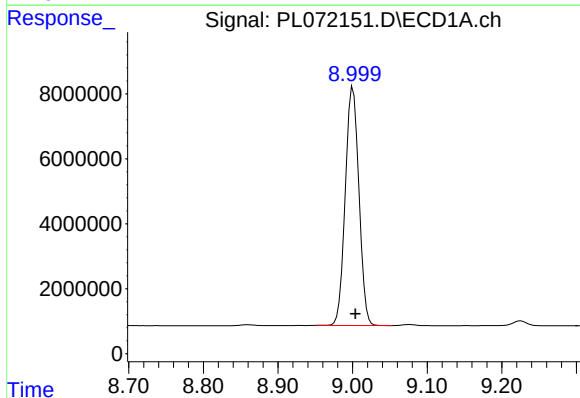
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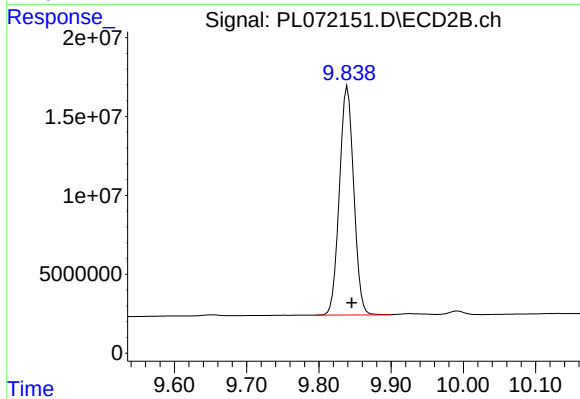
#18 Endrin aldehyde

R.T.: 9.255 min
Delta R.T.: -0.009 min
Response: 565017
Conc: 0.46 ng/ml m



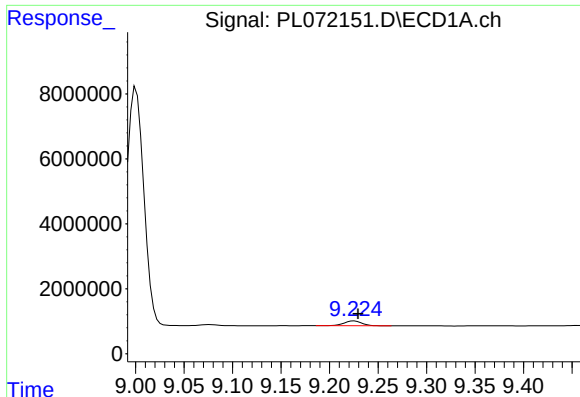
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.003 min
Response: 93267852
Conc: 221.07 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.006 min
Response: 199341249
Conc: 240.65 ng/ml



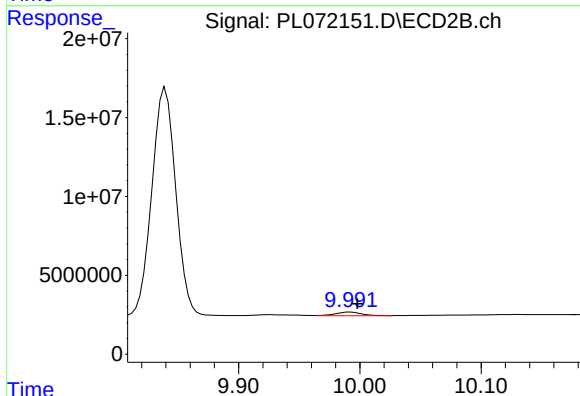
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: -0.004 min
Response: 1836507
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

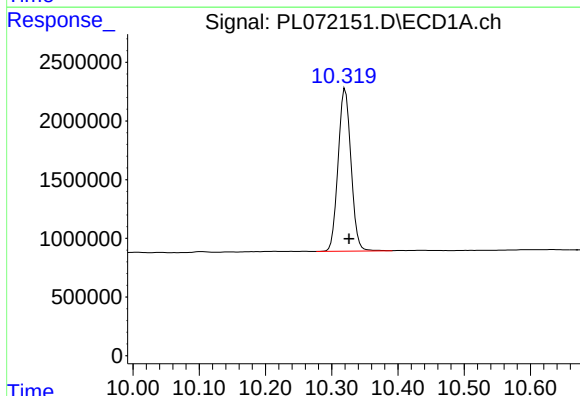
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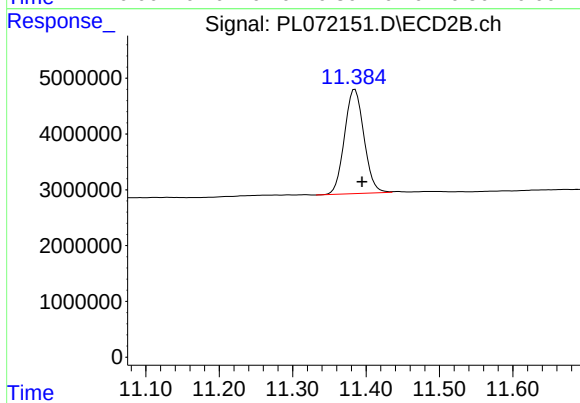
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 3407378
Conc: 2.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.006 min
Response: 18759508
Conc: 21.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: -0.010 min
Response: 34308947
Conc: 21.26 ng/ml