

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030223\
 Data File : PL081202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2023 21:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/03/2023
 Supervised By : Ankita Jodhani 03/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 01:54:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 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...	3.335	2.665	43037618	39954294	19.920	19.742
28) SA Decachlor...	8.763	7.792	31195199	39075928	20.462	20.399
Target Compounds						
2) A alpha-BHC	3.784	3.166	29016182	25930600	9.121	8.848
3) MA gamma-BHC...	4.113	3.494	27888988	24677491	9.426	8.970
6) B beta-BHC	4.315	3.794	14211636	12087409	10.325	10.415
12) B 4,4'-DDE	5.969	5.117	374477	329405	0.191	0.168m
14) MA Endrin	6.340	5.518	82341440	92235404	45.305	45.896
16) A 4,4'-DDD	6.488	5.668	855027	527448	0.555	0.344m#
17) MA 4,4'-DDT	6.795	5.918	151.1E6	165.8E6	95.194	103.327
18) B Endrin al...	6.692	5.995	1461281	3039294	1.021	2.006m#
20) A Methoxychlor	7.276	6.498	209.2E6	228.4E6	242.925	246.142
21) B Endrin ke...	7.405	6.723	3157941	4869281	1.741	2.262 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

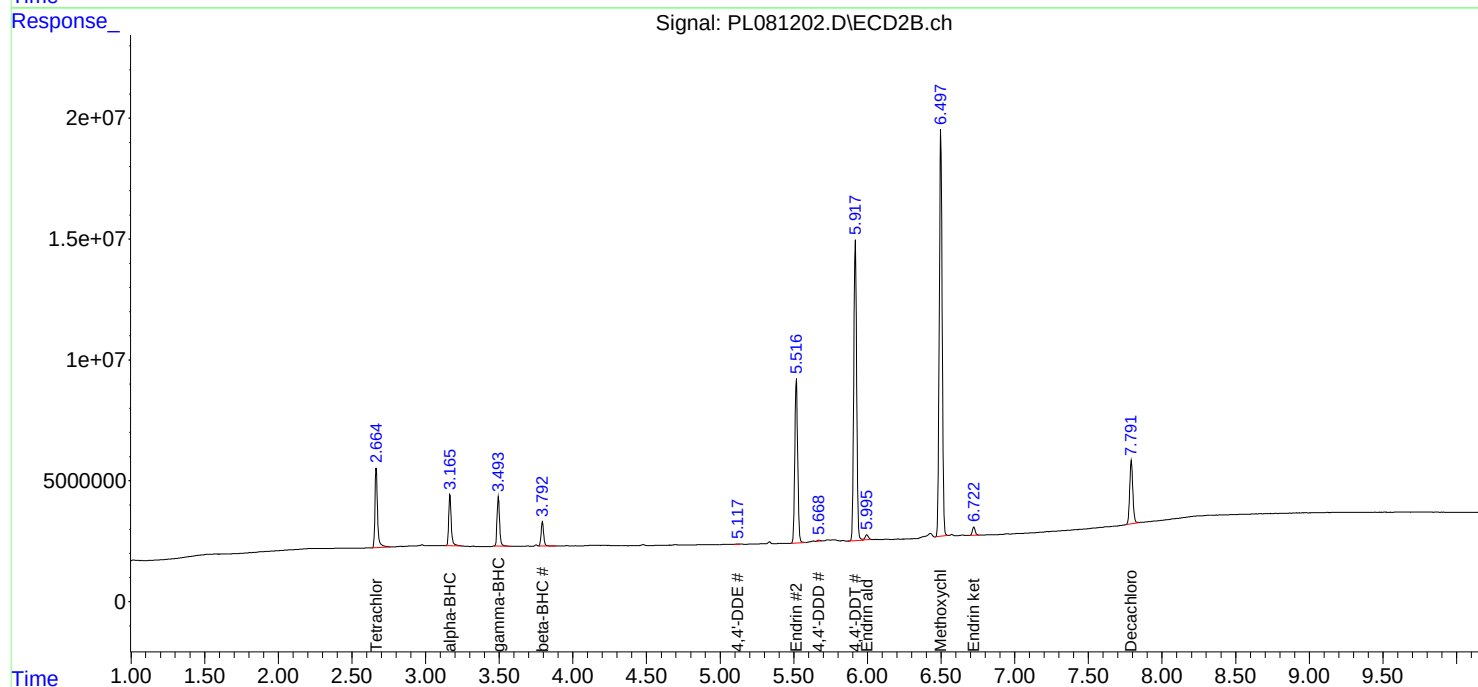
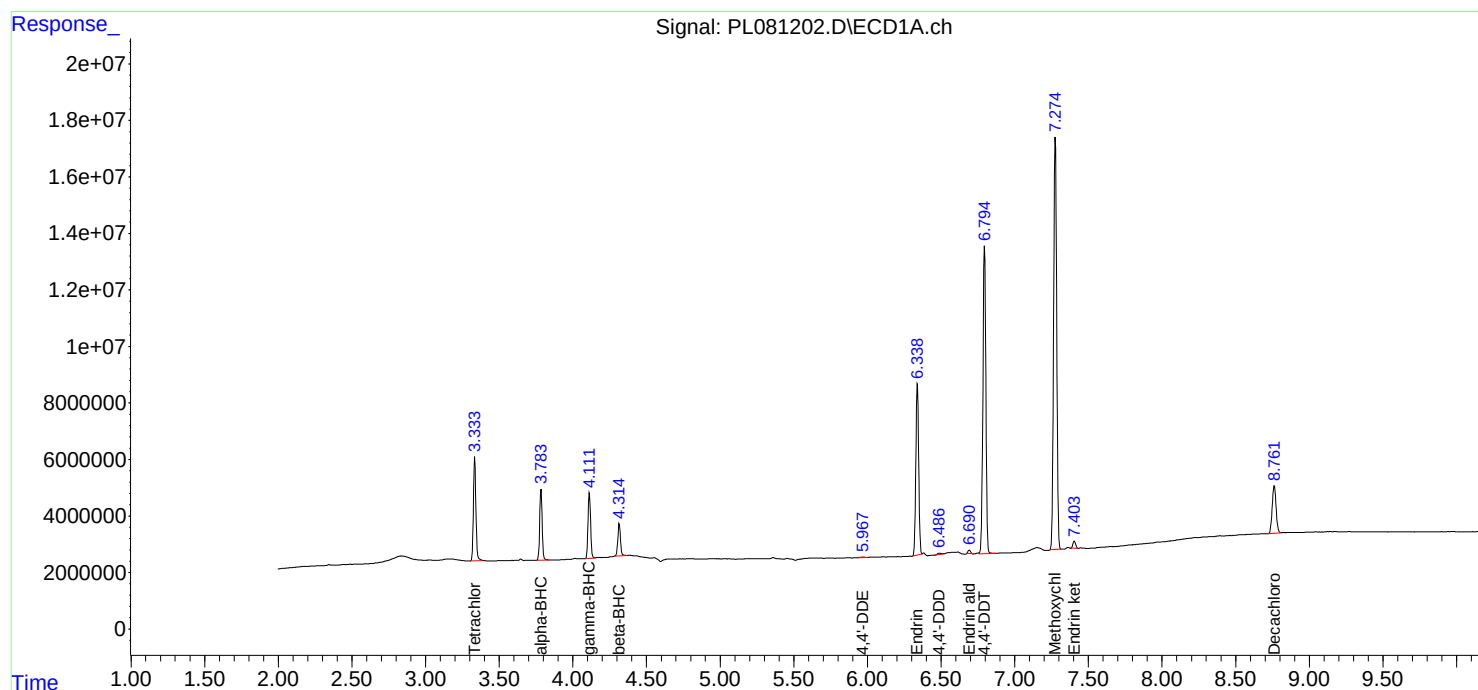
Instrument :
ECD_L
ClientSampleId :
PEM

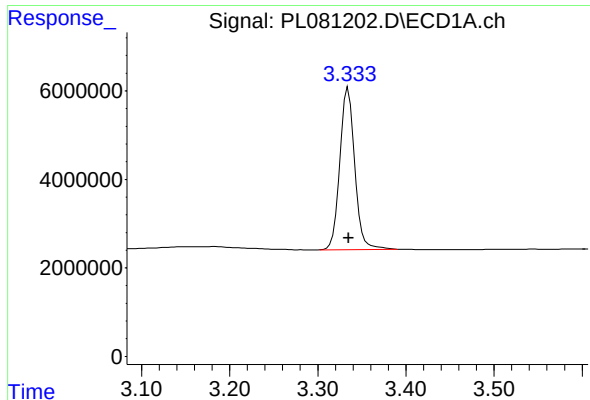
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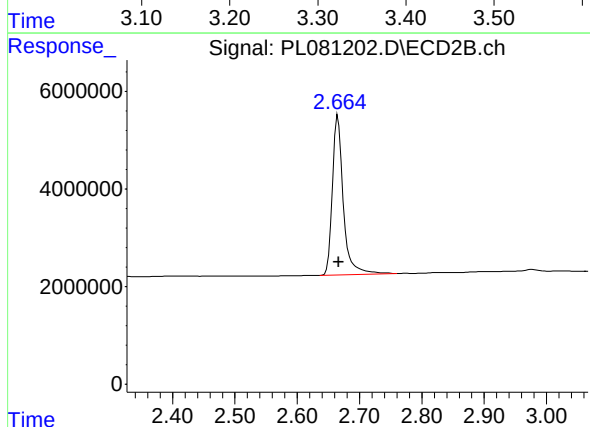
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 43037618
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

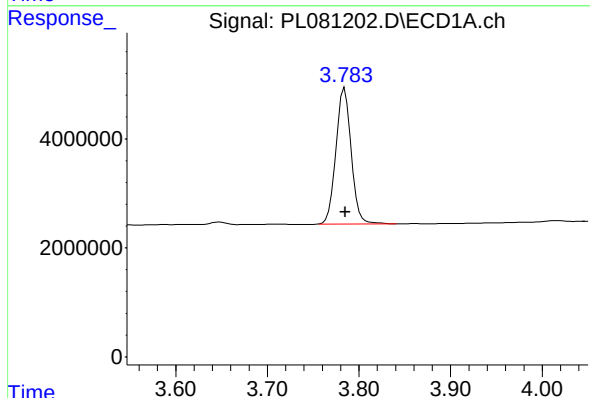
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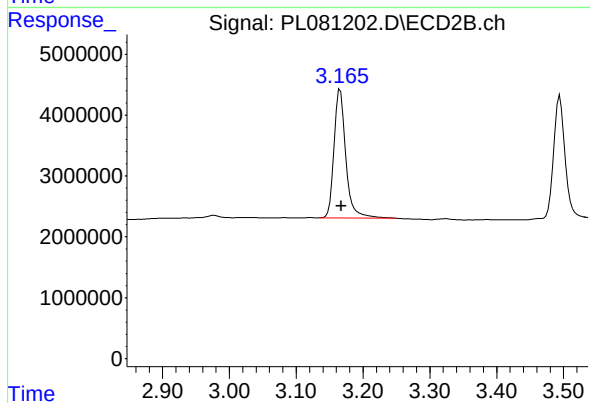
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.001 min
Response: 39954294
Conc: 19.74 ng/ml



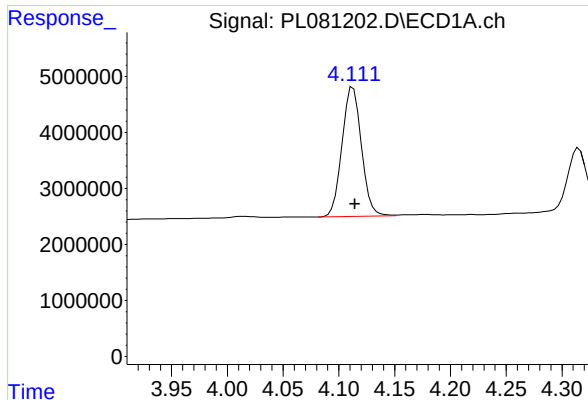
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 29016182
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 25930600
Conc: 8.85 ng/ml



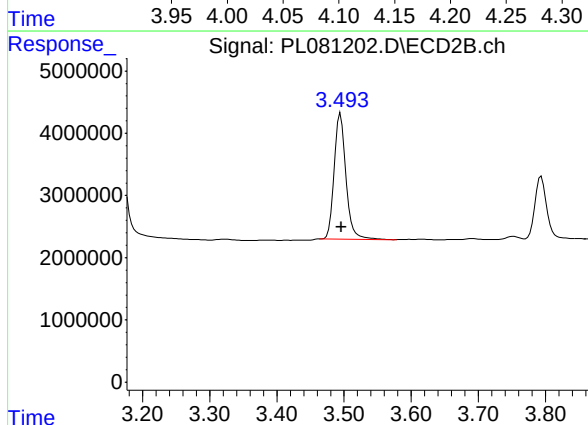
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.002 min
Response: 27888988
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

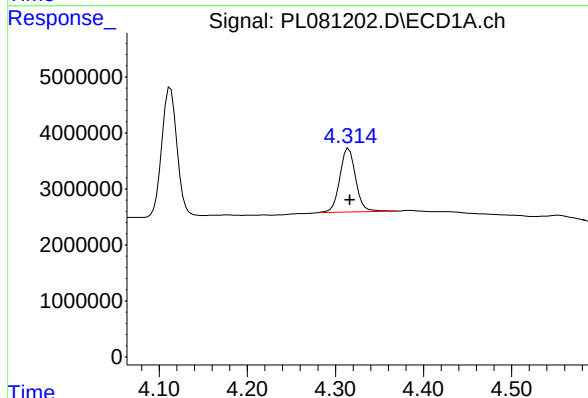
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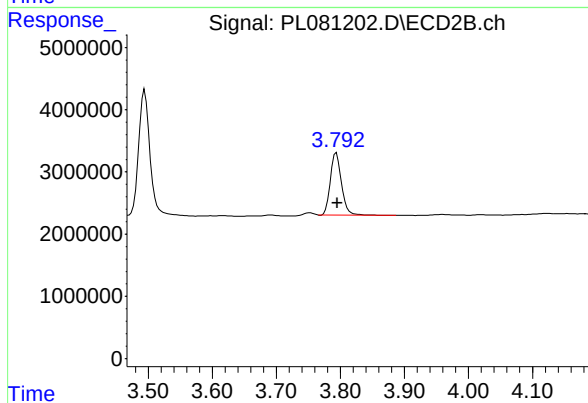
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.002 min
Response: 24677491
Conc: 8.97 ng/ml



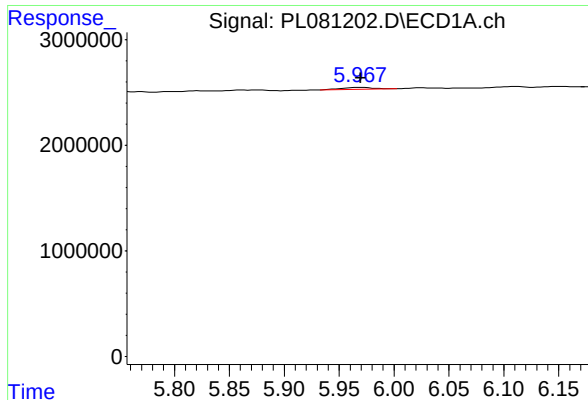
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: -0.001 min
Response: 14211636
Conc: 10.32 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.002 min
Response: 12087409
Conc: 10.41 ng/ml



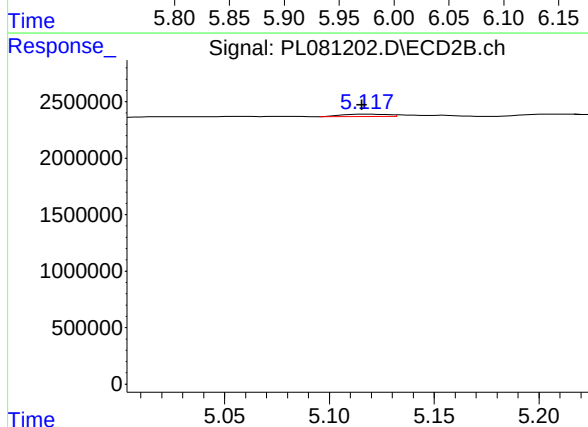
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 374477
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

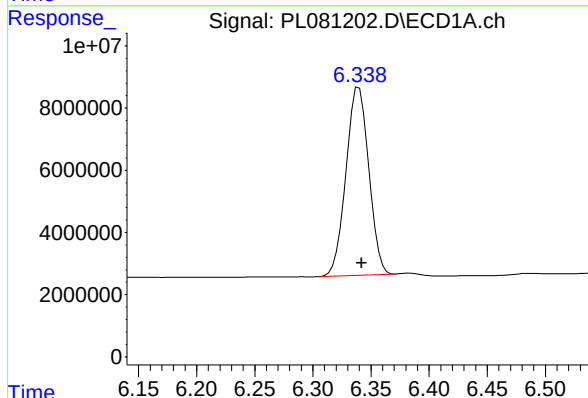
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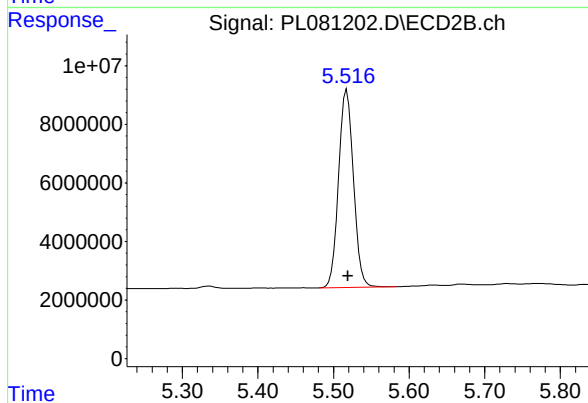
#12 4,4'-DDE

R.T.: 5.117 min
Delta R.T.: 0.001 min
Response: 329405
Conc: 0.17 ng/ml



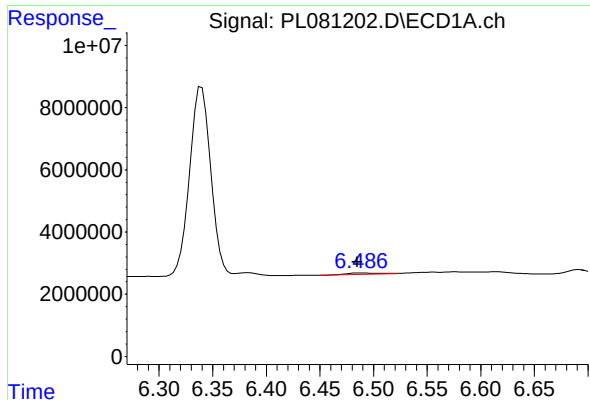
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 82341440
Conc: 45.31 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 92235404
Conc: 45.90 ng/ml



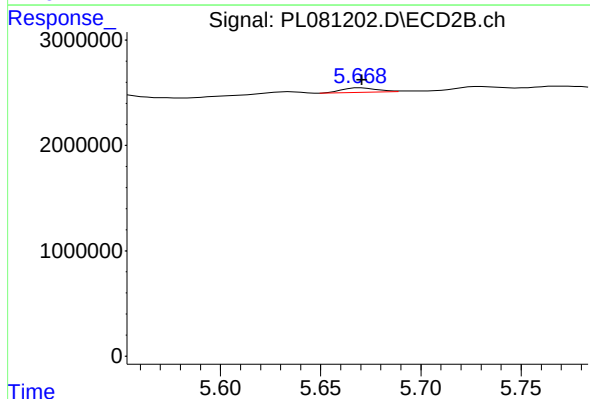
#16 4,4'-DDD

R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 855027
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

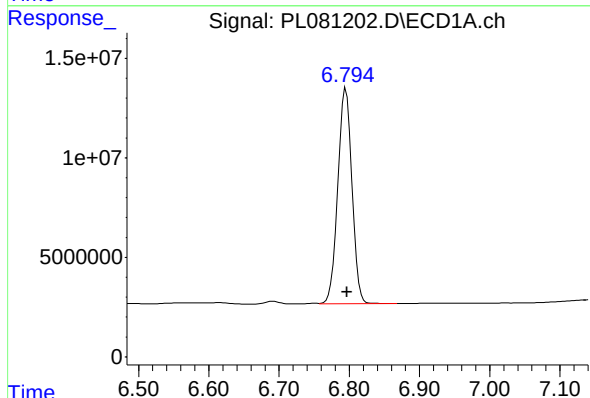
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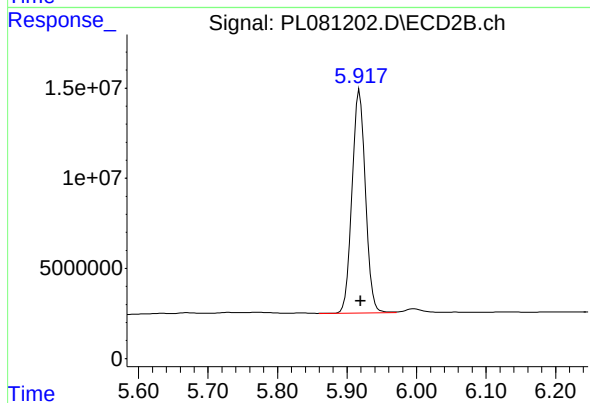
#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 527448
Conc: 0.34 ng/ml



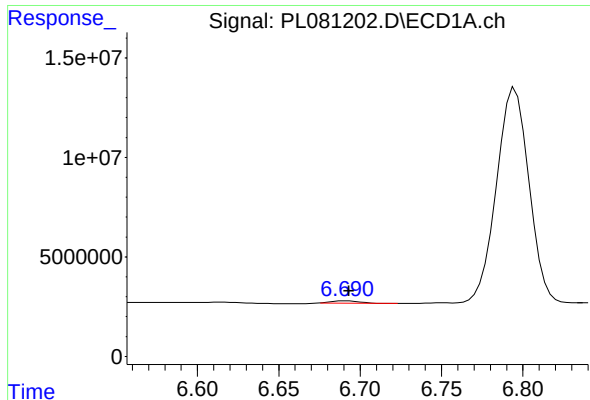
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 151102497
Conc: 95.19 ng/ml



#17 4,4'-DDT

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 165768204
Conc: 103.33 ng/ml



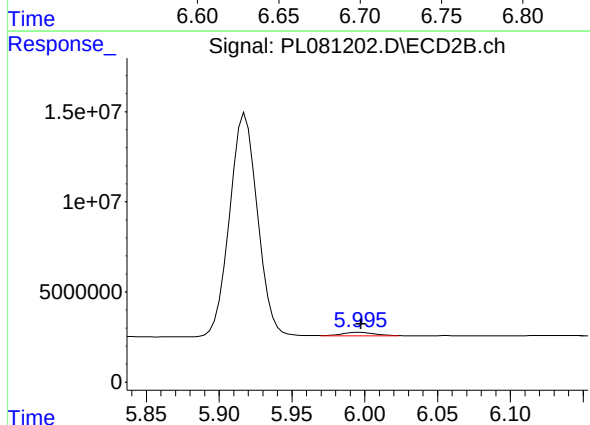
#18 Endrin aldehyde

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 1461281
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

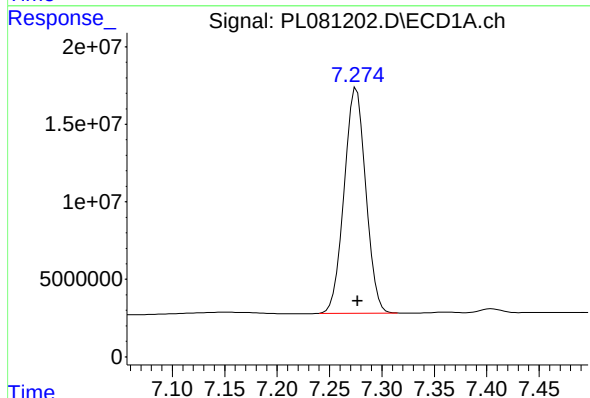
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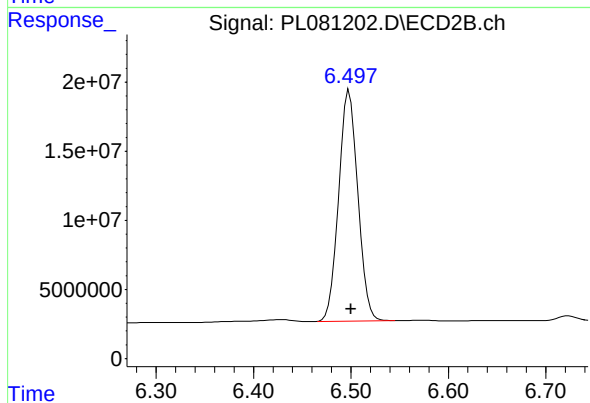
#18 Endrin aldehyde

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 3039294
Conc: 2.01 ng/ml



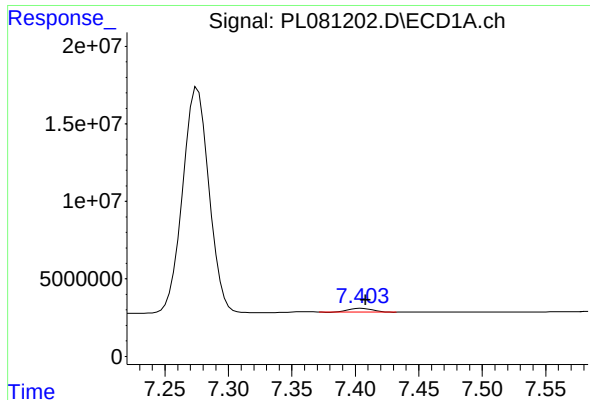
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 209246597
Conc: 242.92 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 228443003
Conc: 246.14 ng/ml



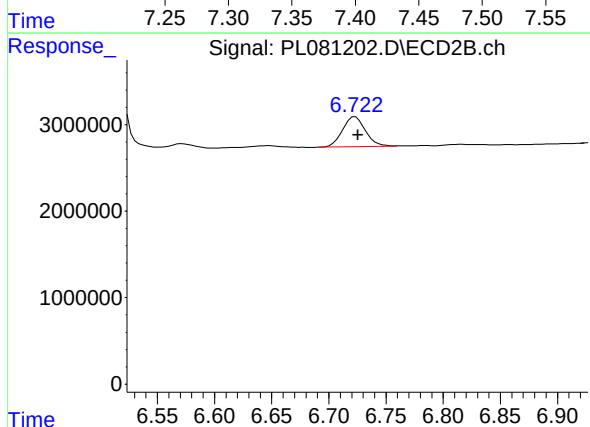
#21 Endrin ketone

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 3157941
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

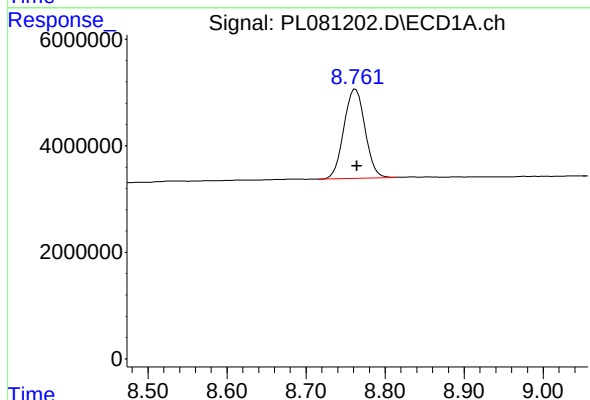
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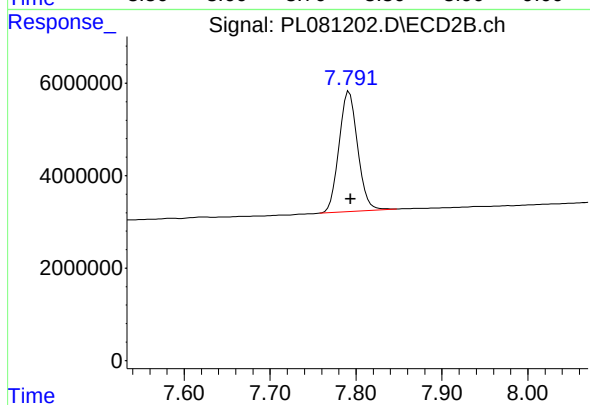
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 4869281
Conc: 2.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 31195199
Conc: 20.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 39075928
Conc: 20.40 ng/ml