

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 11:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/22/2023
 Supervised By : Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:25:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.678	55644902	22821178	14.786	13.557
28) SA Decachlor...	8.980	7.868	52756548	23784912	15.471	14.083
Target Compounds						
2) A alpha-BHC	3.878	3.182	37841596	15378720	6.989	6.258
3) MA gamma-BHC...	4.212	3.511	36811755	15500077	7.004	6.399m
6) B beta-BHC	4.410	3.815	16826299	7613353	7.326m	7.314
14) MA Endrin	6.473	5.559	126.1E6	59236733	32.773	29.683
16) A 4,4'-DDD	6.614	5.719	1828232	780023	0.553m	0.471
17) MA 4,4'-DDT	6.935	5.971	262.1E6	120.9E6	69.701	65.578
18) B Endrin al...	6.825	6.036	3341177	1786220	1.153m	1.217m
20) A Methoxychlor	7.420	6.557	348.8E6	161.5E6	178.866	158.138
21) B Endrin ke...	7.547	6.768	6075197	3089220	1.493	1.451

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

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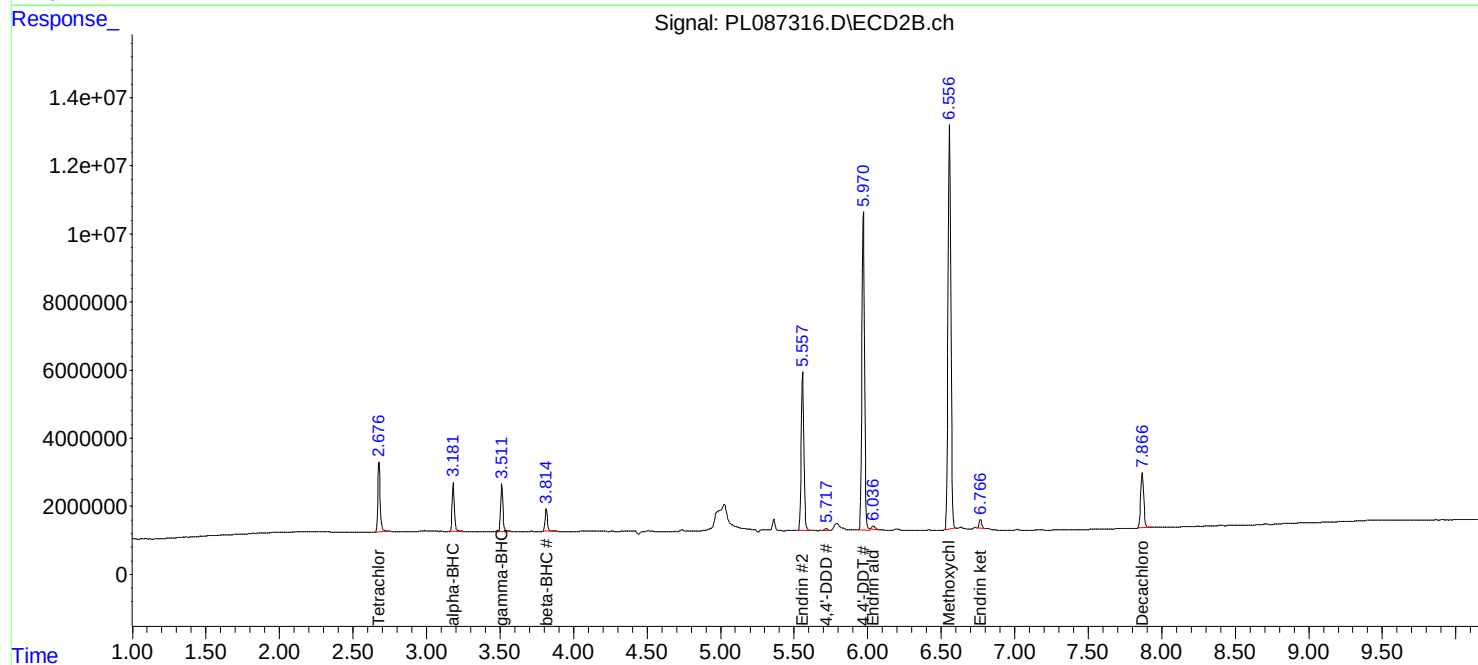
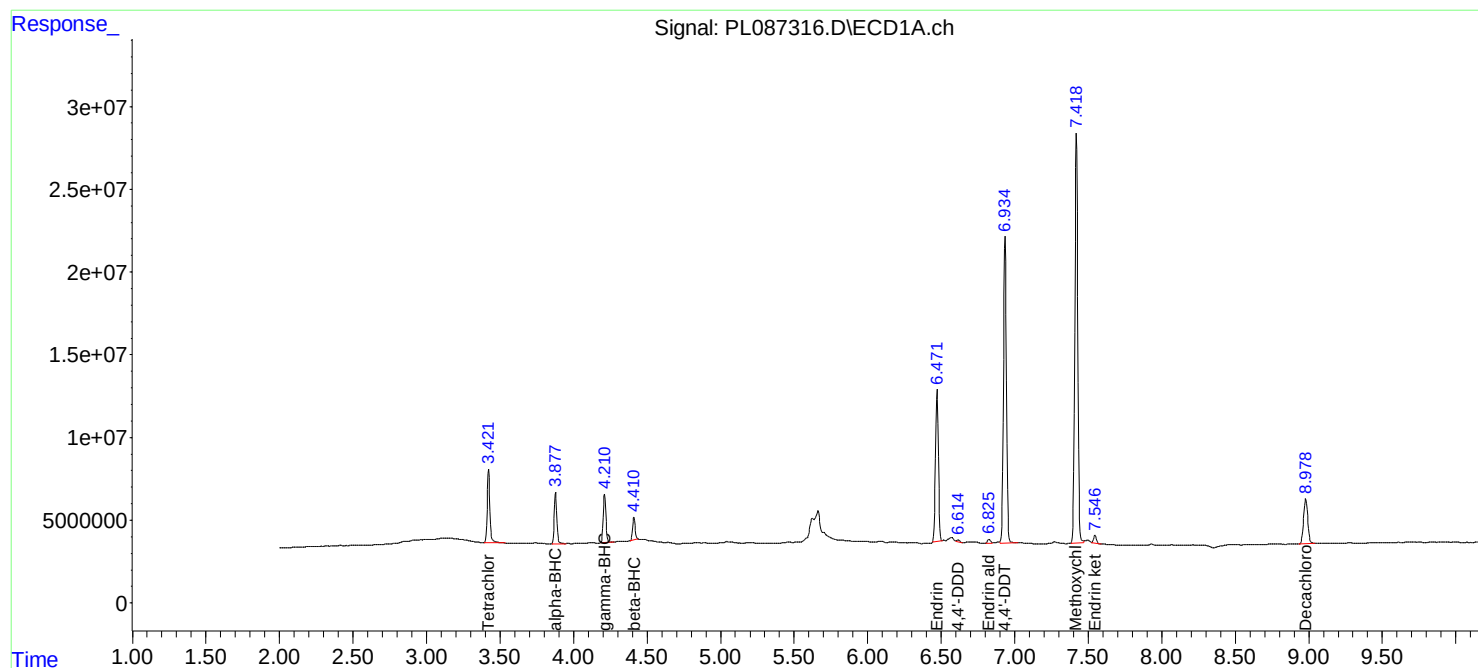
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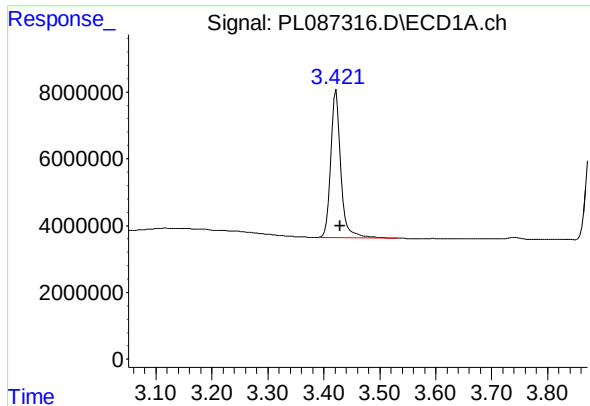
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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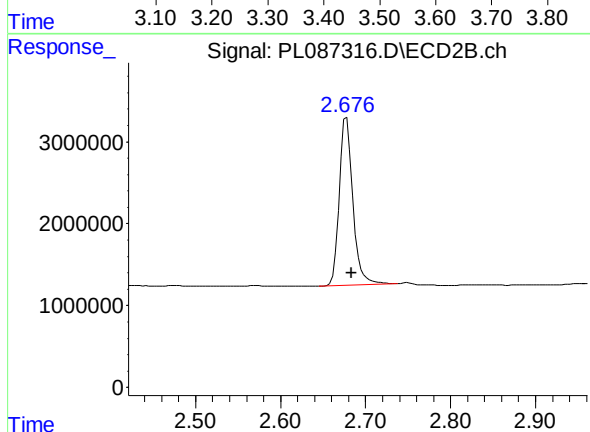
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 55644902
Conc: 14.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

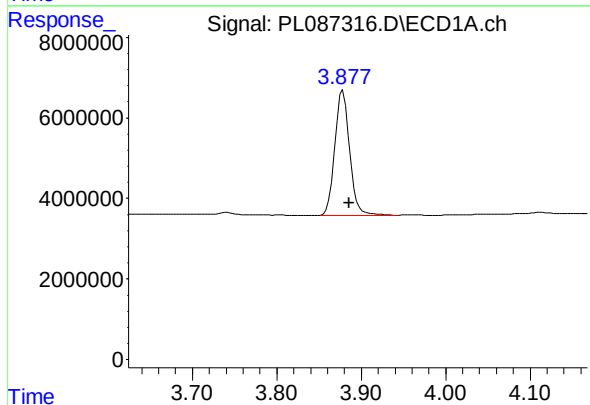
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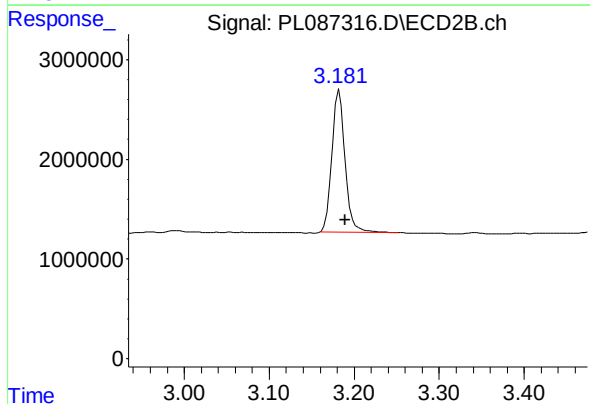
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 22821178
Conc: 13.56 ng/ml



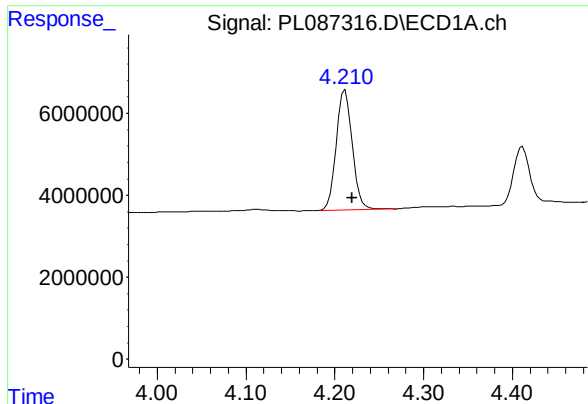
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 37841596
Conc: 6.99 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 15378720
Conc: 6.26 ng/ml



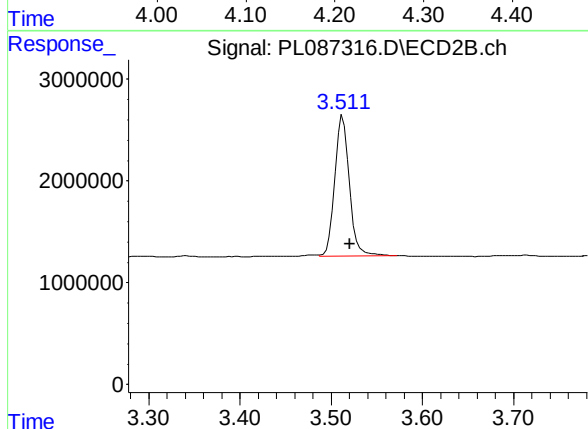
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 36811755
Conc: 7.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

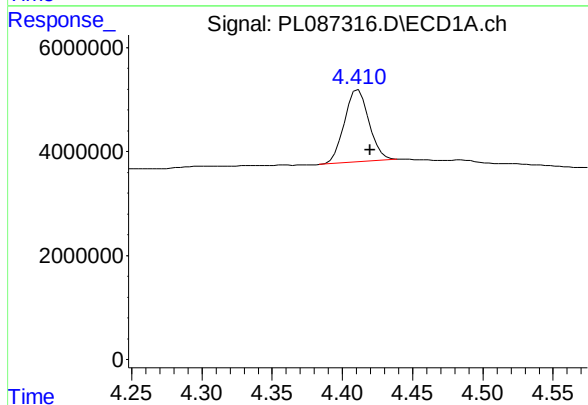
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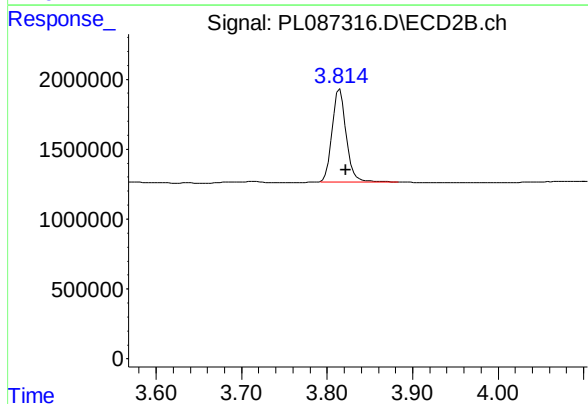
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.008 min
Response: 15500077
Conc: 6.40 ng/ml



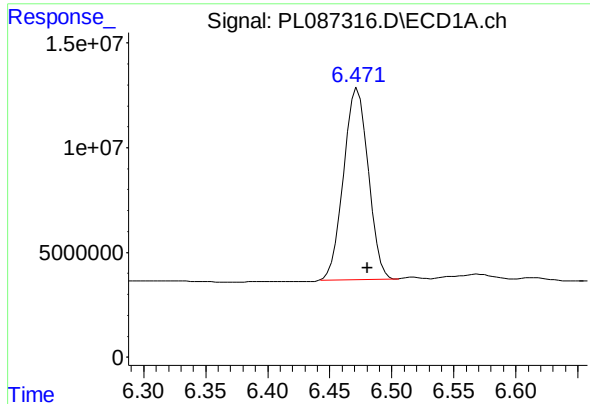
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.009 min
Response: 16826299
Conc: 7.33 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 7613353
Conc: 7.31 ng/ml



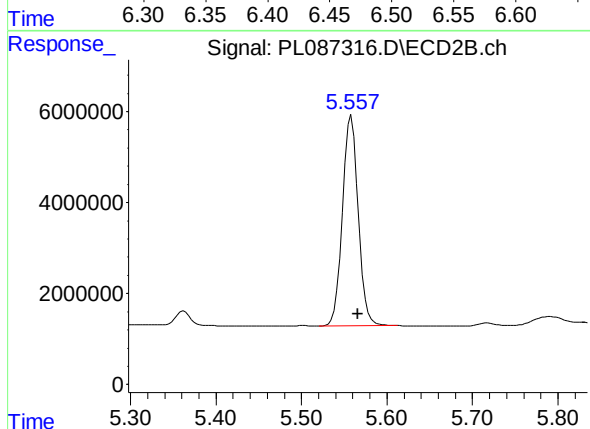
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 126088491
Conc: 32.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

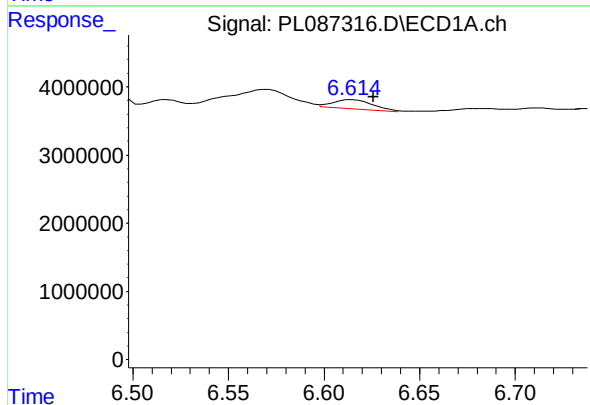
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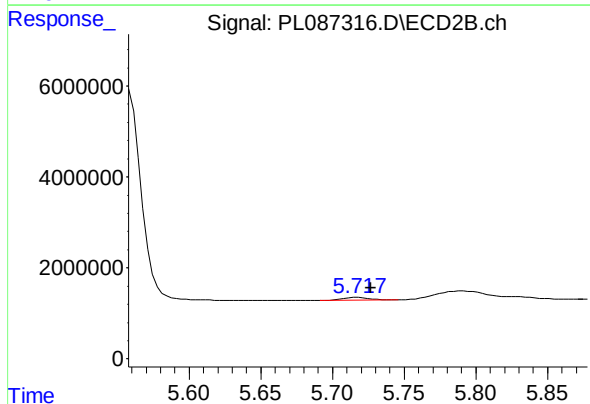
#14 Endrin

R.T.: 5.559 min
Delta R.T.: -0.008 min
Response: 59236733
Conc: 29.68 ng/ml



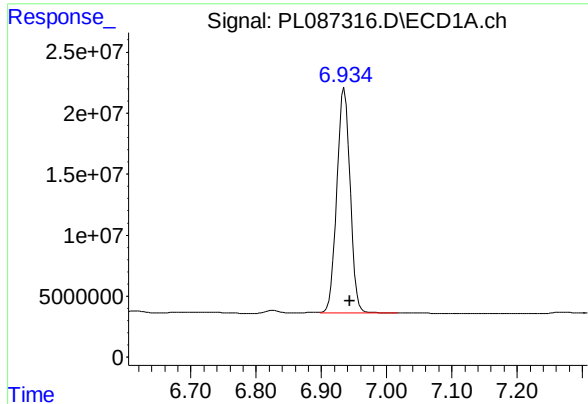
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: -0.011 min
Response: 1828232
Conc: 0.55 ng/ml m



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.008 min
Response: 780023
Conc: 0.47 ng/ml



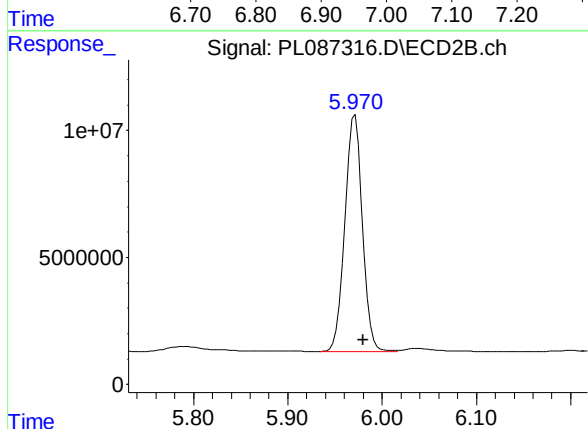
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 262092427
Conc: 69.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

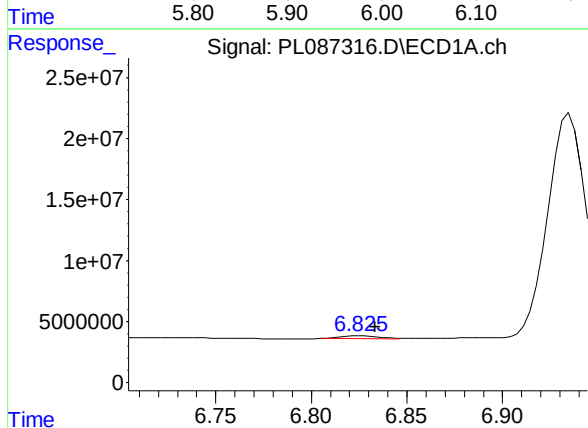
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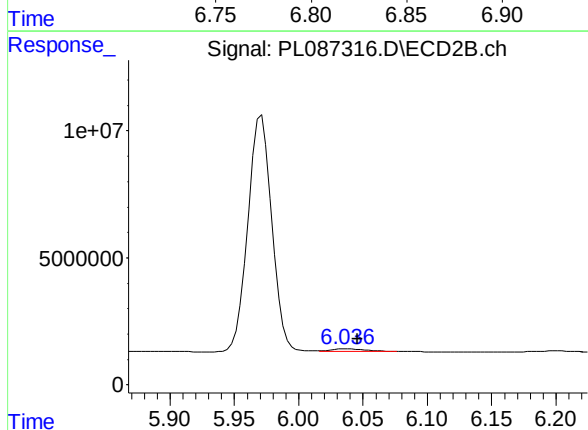
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 120947300
Conc: 65.58 ng/ml



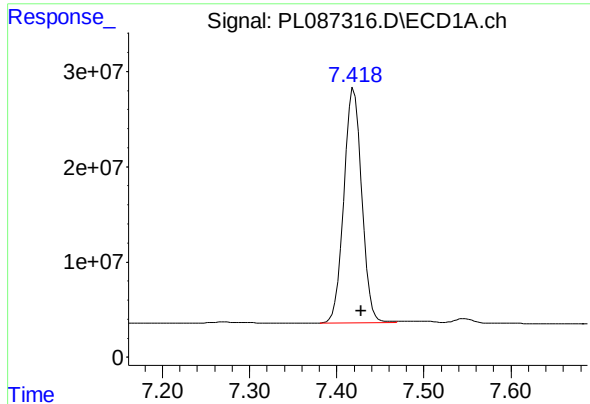
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 3341177
Conc: 1.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 1786220
Conc: 1.22 ng/ml m



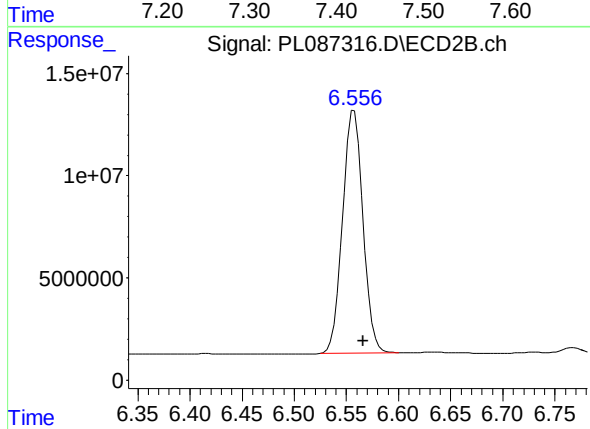
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 348775297
Conc: 178.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

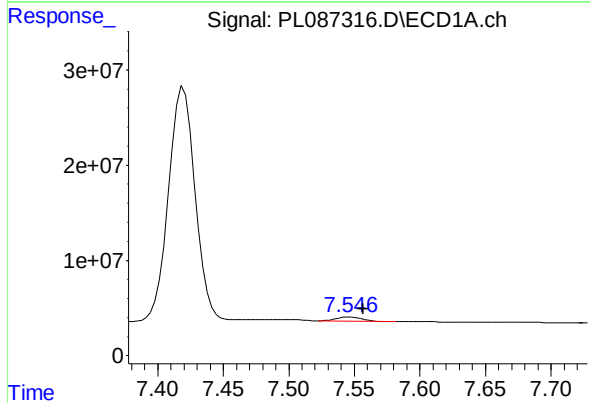
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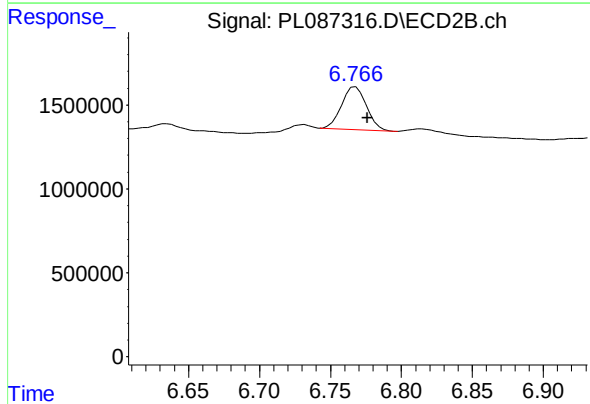
#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 161520712
Conc: 158.14 ng/ml



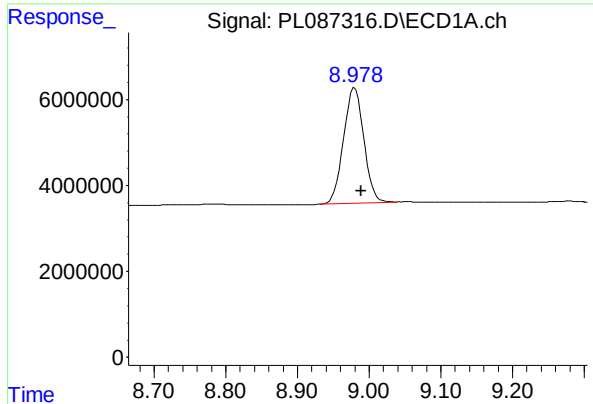
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 6075197
Conc: 1.49 ng/ml



#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.009 min
Response: 3089220
Conc: 1.45 ng/ml



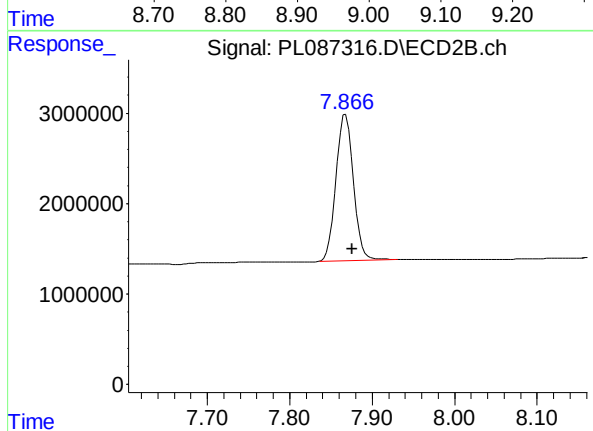
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.010 min
Response: 52756548
Conc: 15.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 23784912
Conc: 14.08 ng/ml