

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102621\
 Data File : PL070568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2021 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 09:22:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 07:49:52 2021
 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...	4.622	5.561	10300614	31202937	20.454	20.387
28)	SA Decachlor...	10.389	11.485	16123102	30088500	21.327	20.857
Target Compounds							
2)	A alpha-BHC	5.328	6.142	5897705	21051207	8.494	9.009
3)	MA gamma-BHC...	5.752	6.539	6455115	20197055	9.199	9.244
6)	B beta-BHC	6.131	6.794	4112539	11119403	11.735m	10.549
12)	B 4,4'-DDE	7.620	8.562	115948	250087	0.179m	0.127m#
14)	MA Endrin	8.043	8.962	31887512	79969212	49.289	49.242
16)	A 4,4'-DDD	8.209	9.105	350027	1428171	0.615	0.934 #
17)	MA 4,4'-DDT	8.470	9.422	64301602	164.4E6	100.686	95.127
18)	B Endrin al...	8.546	9.333	274835	265376	0.539m	0.212m#
20)	A Methoxychlor	9.064	9.909	89935387	207.6E6	221.880	210.406
21)	B Endrin ke...	9.289	10.066	1841299	2337669	2.230	1.349 #

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

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ALS Vial : 3 Sample Multiplier: 1

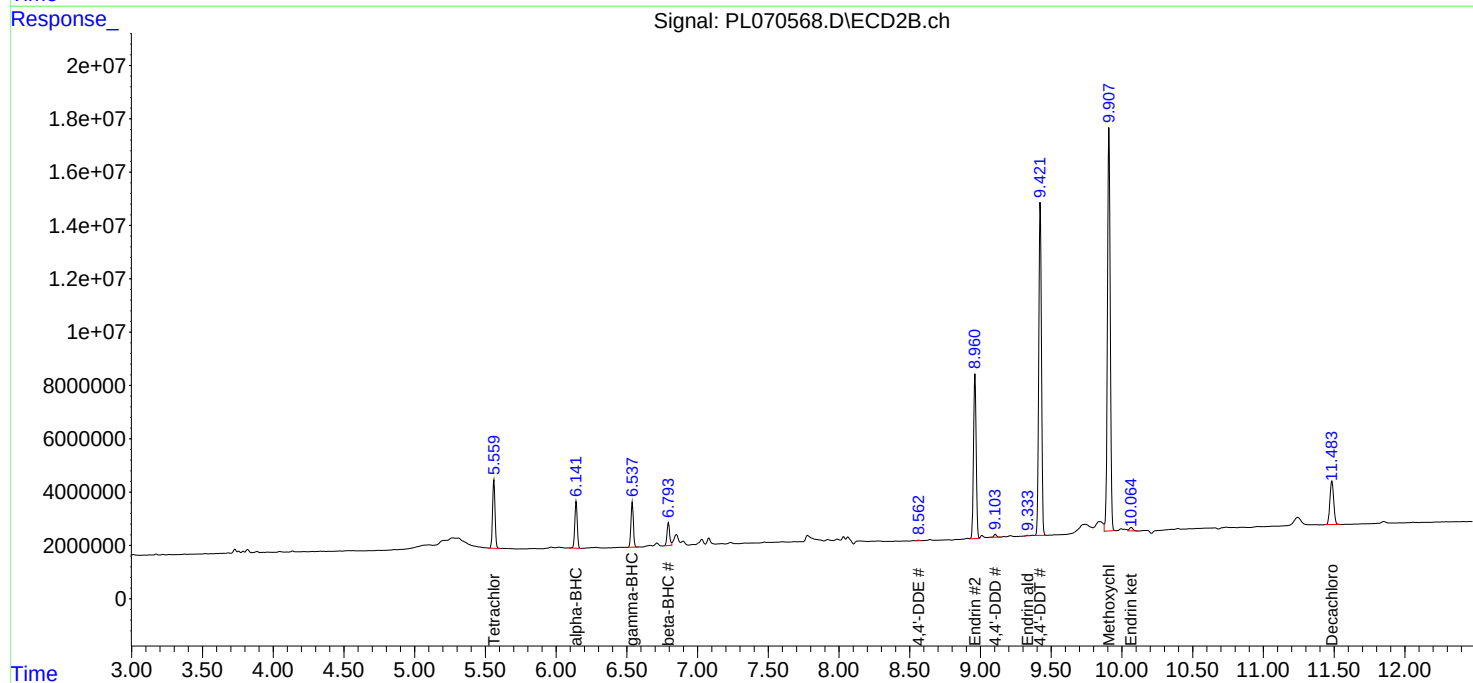
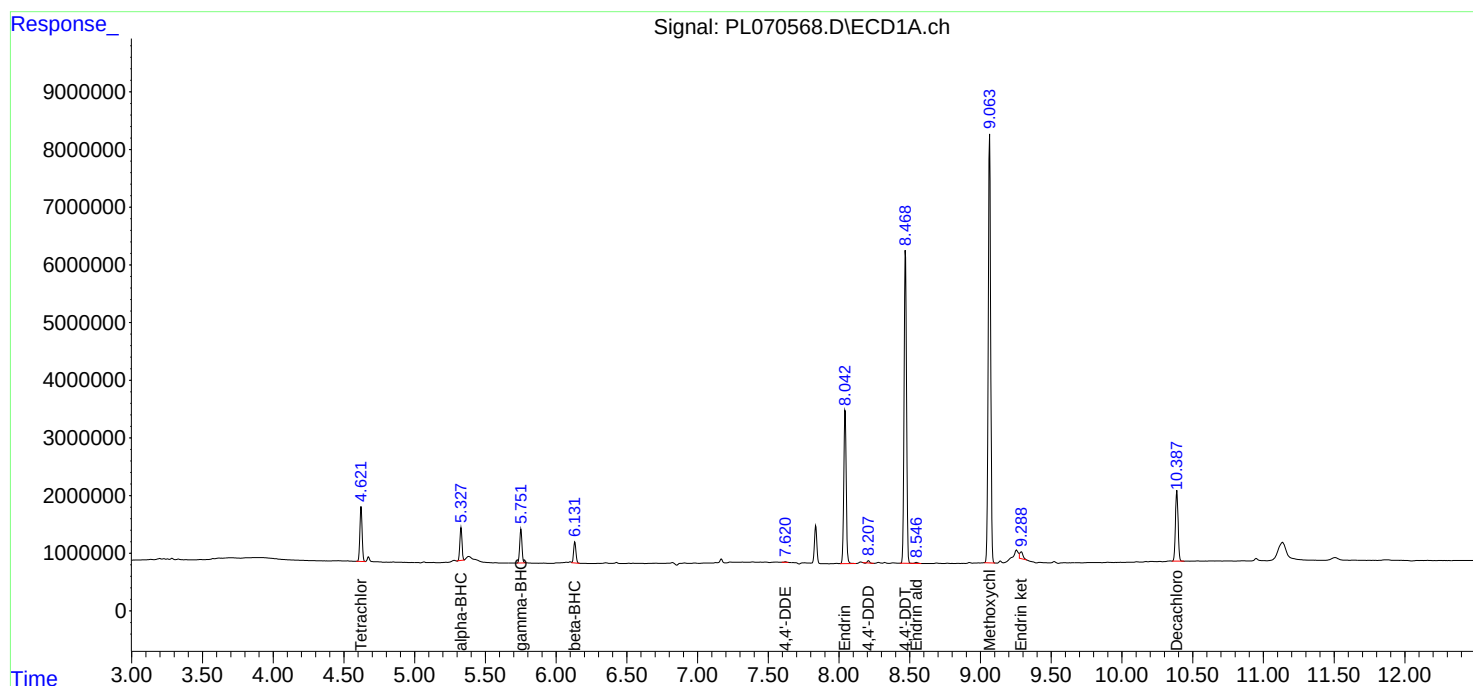
Instrument :
ECD_L
ClientSampleId :
PEM

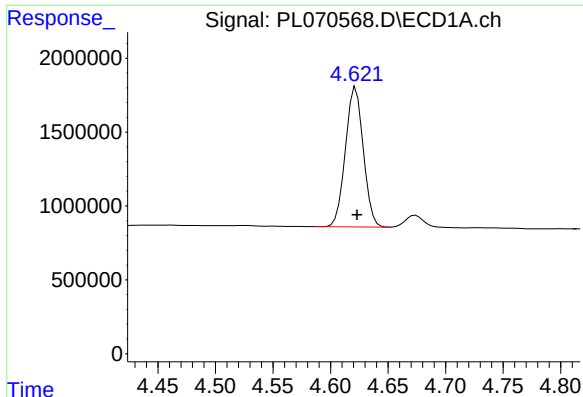
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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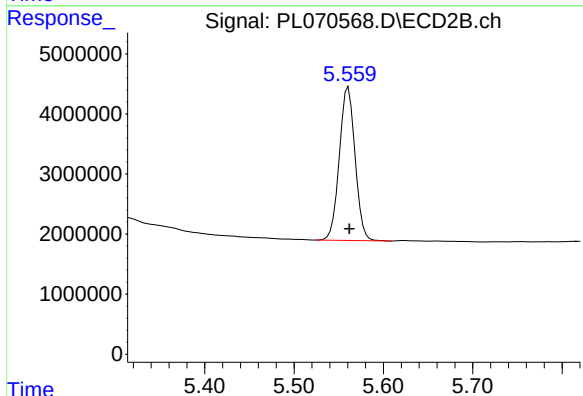
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 10300614
Conc: 20.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

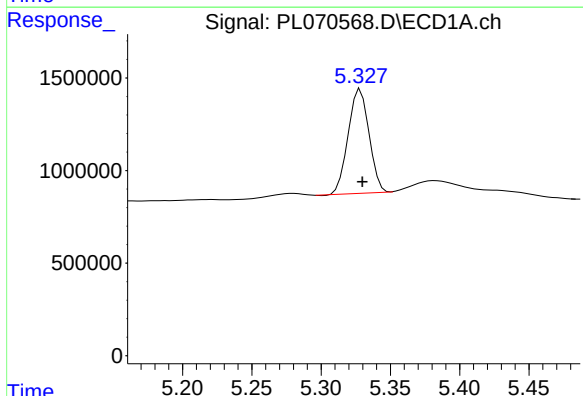
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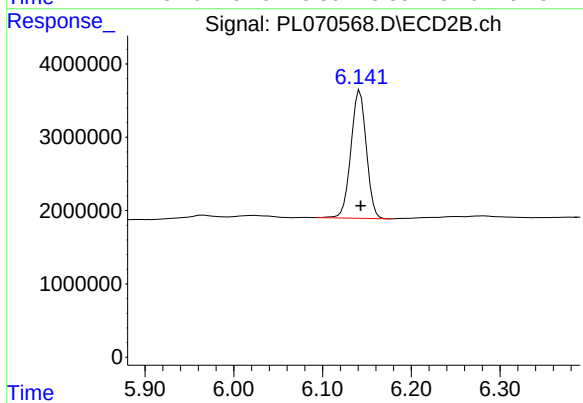
#1 Tetrachloro-m-xylene

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 31202937
Conc: 20.39 ng/ml



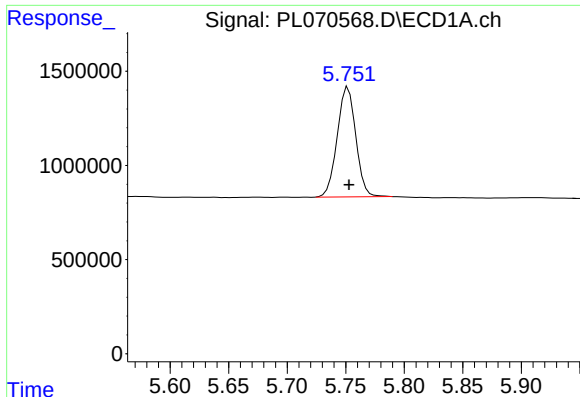
#2 alpha-BHC

R.T.: 5.328 min
Delta R.T.: -0.001 min
Response: 5897705
Conc: 8.49 ng/ml



#2 alpha-BHC

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 21051207
Conc: 9.01 ng/ml



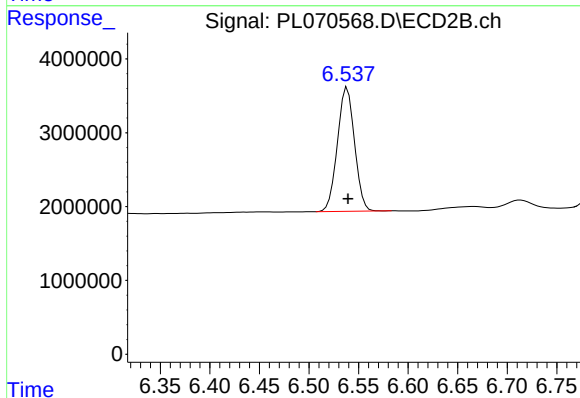
#3 gamma-BHC (Lindane)

R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 6455115
Conc: 9.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

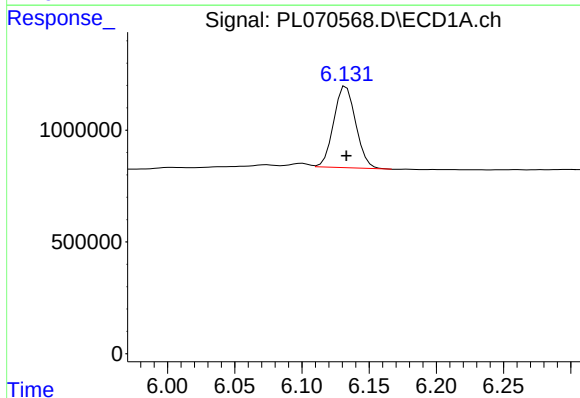
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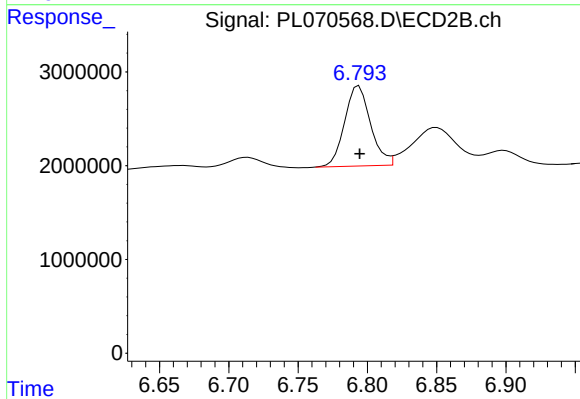
#3 gamma-BHC (Lindane)

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 20197055
Conc: 9.24 ng/ml



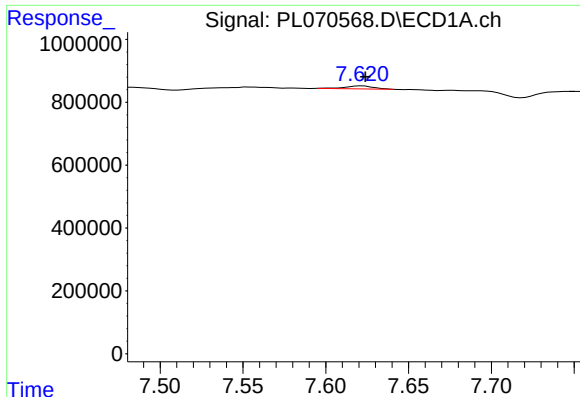
#6 beta-BHC

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 4112539
Conc: 11.73 ng/ml m



#6 beta-BHC

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 11119403
Conc: 10.55 ng/ml



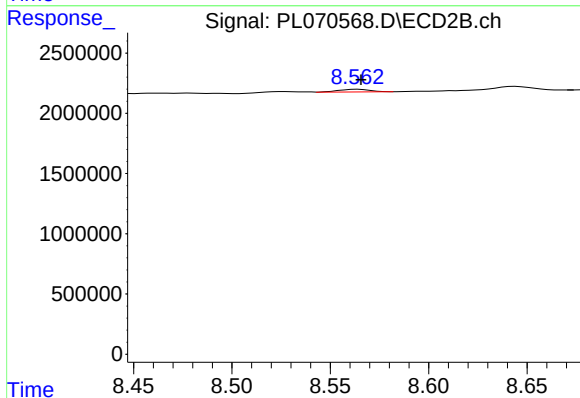
#12 4,4'-DDE

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 115948
Conc: 0.18 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

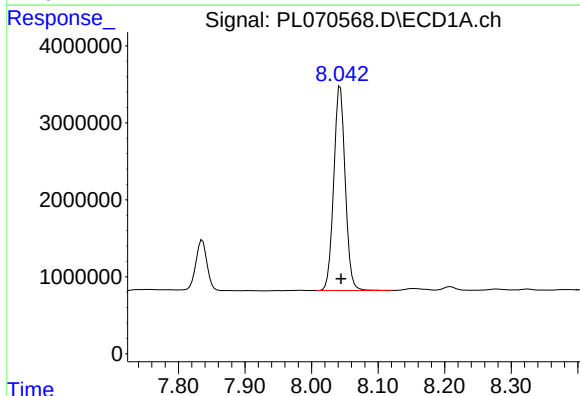
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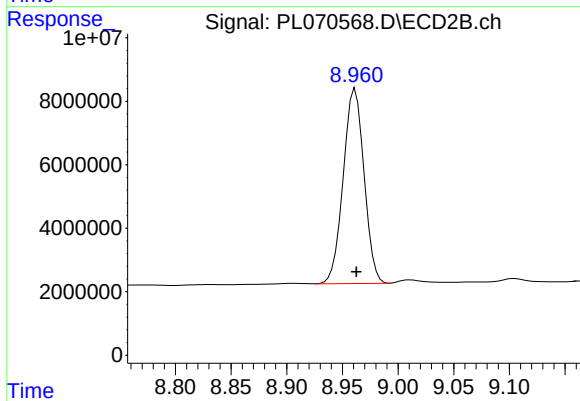
#12 4,4'-DDE

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 250087
Conc: 0.13 ng/ml m



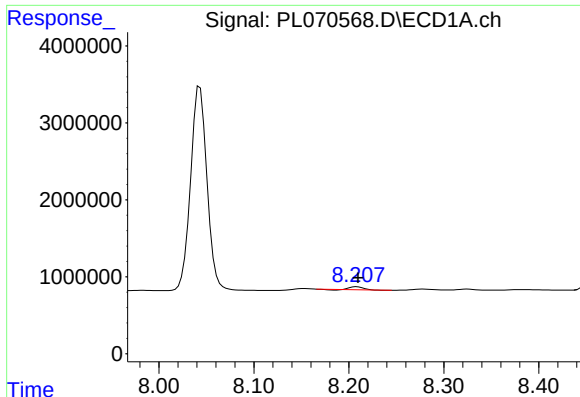
#14 Endrin

R.T.: 8.043 min
Delta R.T.: -0.001 min
Response: 31887512
Conc: 49.29 ng/ml



#14 Endrin

R.T.: 8.962 min
Delta R.T.: -0.001 min
Response: 79969212
Conc: 49.24 ng/ml



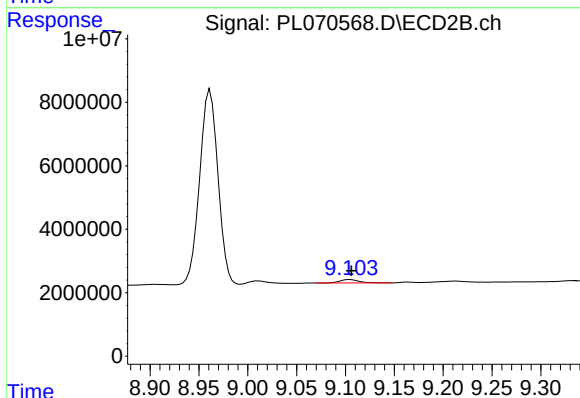
#16 4,4'-DDD

R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 350027
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

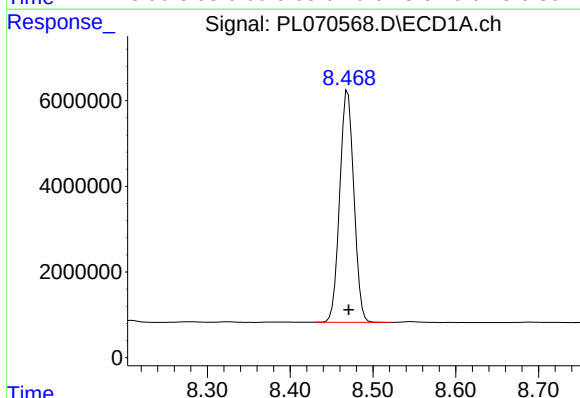
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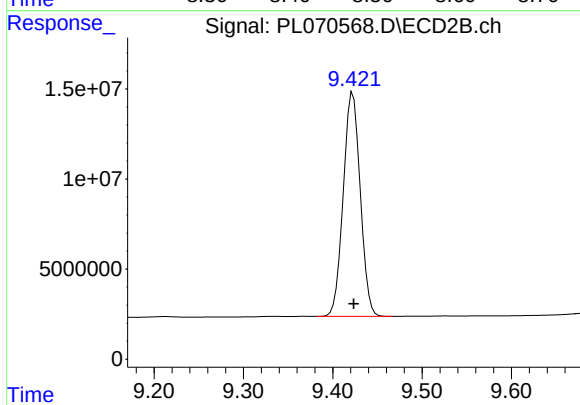
#16 4,4'-DDD

R.T.: 9.105 min
Delta R.T.: -0.002 min
Response: 1428171
Conc: 0.93 ng/ml



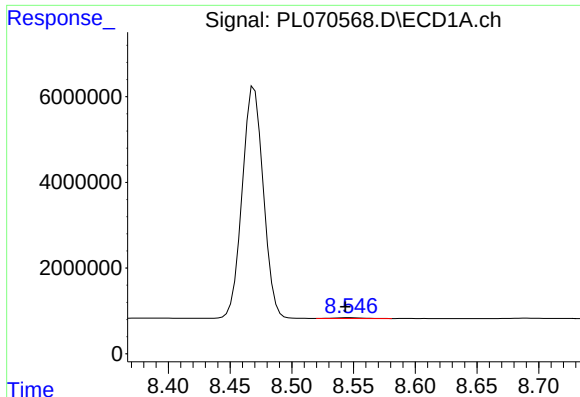
#17 4,4'-DDT

R.T.: 8.470 min
Delta R.T.: -0.001 min
Response: 64301602
Conc: 100.69 ng/ml



#17 4,4'-DDT

R.T.: 9.422 min
Delta R.T.: -0.001 min
Response: 164367066
Conc: 95.13 ng/ml



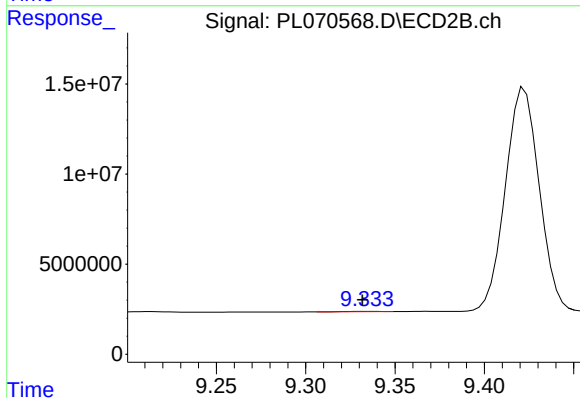
#18 Endrin aldehyde

R.T.: 8.546 min
Delta R.T.: 0.002 min
Response: 274835
Conc: 0.54 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

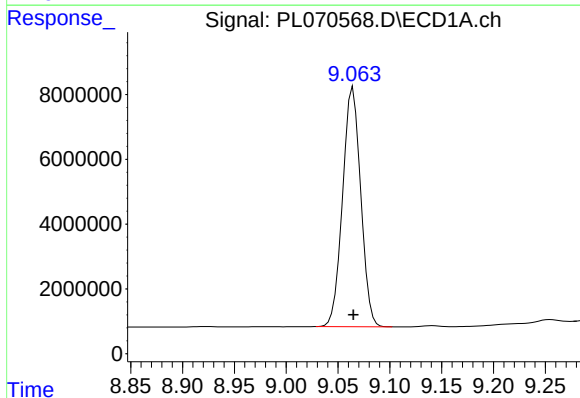
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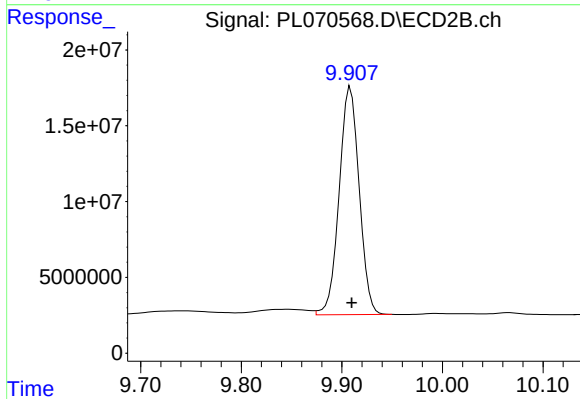
#18 Endrin aldehyde

R.T.: 9.333 min
Delta R.T.: 0.001 min
Response: 265376
Conc: 0.21 ng/ml m



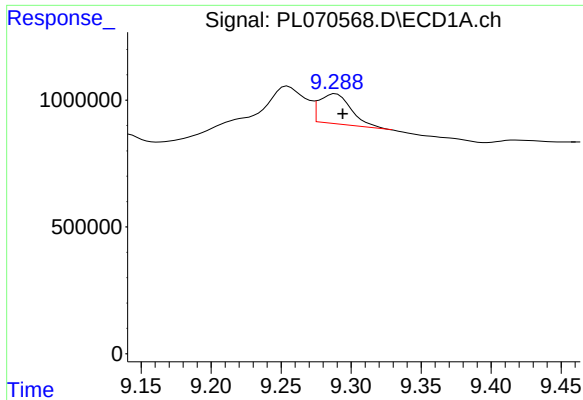
#20 Methoxychlor

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 89935387
Conc: 221.88 ng/ml



#20 Methoxychlor

R.T.: 9.909 min
Delta R.T.: -0.001 min
Response: 207621941
Conc: 210.41 ng/ml



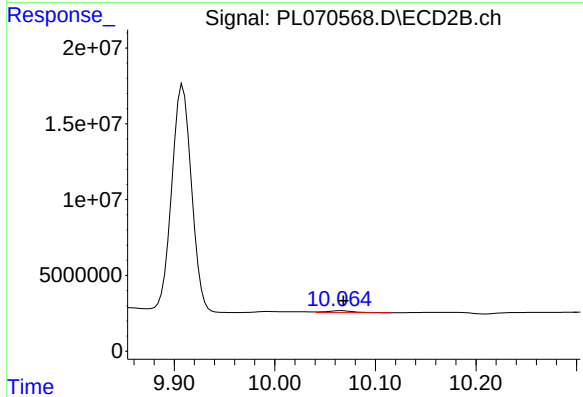
#21 Endrin ketone

R.T.: 9.289 min
Delta R.T.: -0.005 min
Response: 1841299
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

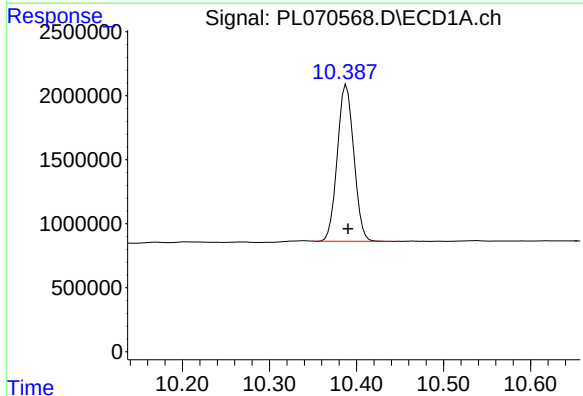
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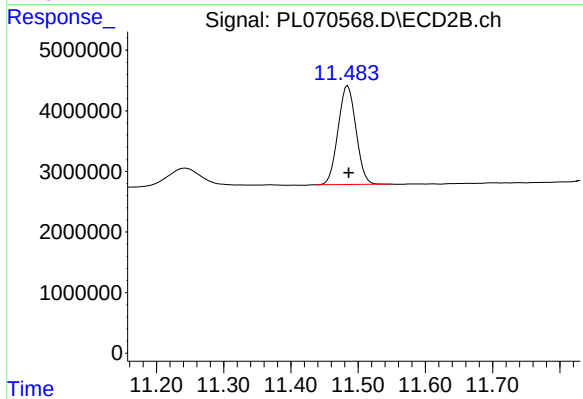
#21 Endrin ketone

R.T.: 10.066 min
Delta R.T.: -0.002 min
Response: 2337669
Conc: 1.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.389 min
Delta R.T.: -0.002 min
Response: 16123102
Conc: 21.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.485 min
Delta R.T.: -0.002 min
Response: 30088500
Conc: 20.86 ng/ml