

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 19:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:01:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 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...	3.540	2.778	48885165	52294099	19.951	19.218
28)	SA Decachlor...	9.053	7.915	39956357	55861550	20.761	20.468
Target Compounds							
2)	A alpha-BHC	3.996	3.281	34651899	36222234	10.217	9.078
3)	MA gamma-BHC...	4.328	3.611	32793544	33860701	10.061	8.773
6)	B beta-BHC	4.526	3.910	15409376	16840994	10.661	10.230
12)	B 4,4'-DDE	6.191	5.239	376375	323544	0.159m	0.100m#
14)	MA Endrin	6.574	5.642	98123156	133.8E6	43.100	46.264
16)	A 4,4'-DDD	6.710	5.789	2460873	2319200	1.282	0.931m#
17)	MA 4,4'-DDT	7.024	6.040	188.7E6	269.7E6	91.189	100.558
18)	B Endrin al...	6.924	6.115	2694639	3481547	1.435	1.509
20)	A Methoxychlor	7.500	6.615	242.5E6	332.0E6	212.686	232.481
21)	B Endrin ke...	7.642	6.842	5737257	5792542	2.368	1.888m

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

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Acq On : 28 Oct 2024 19:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

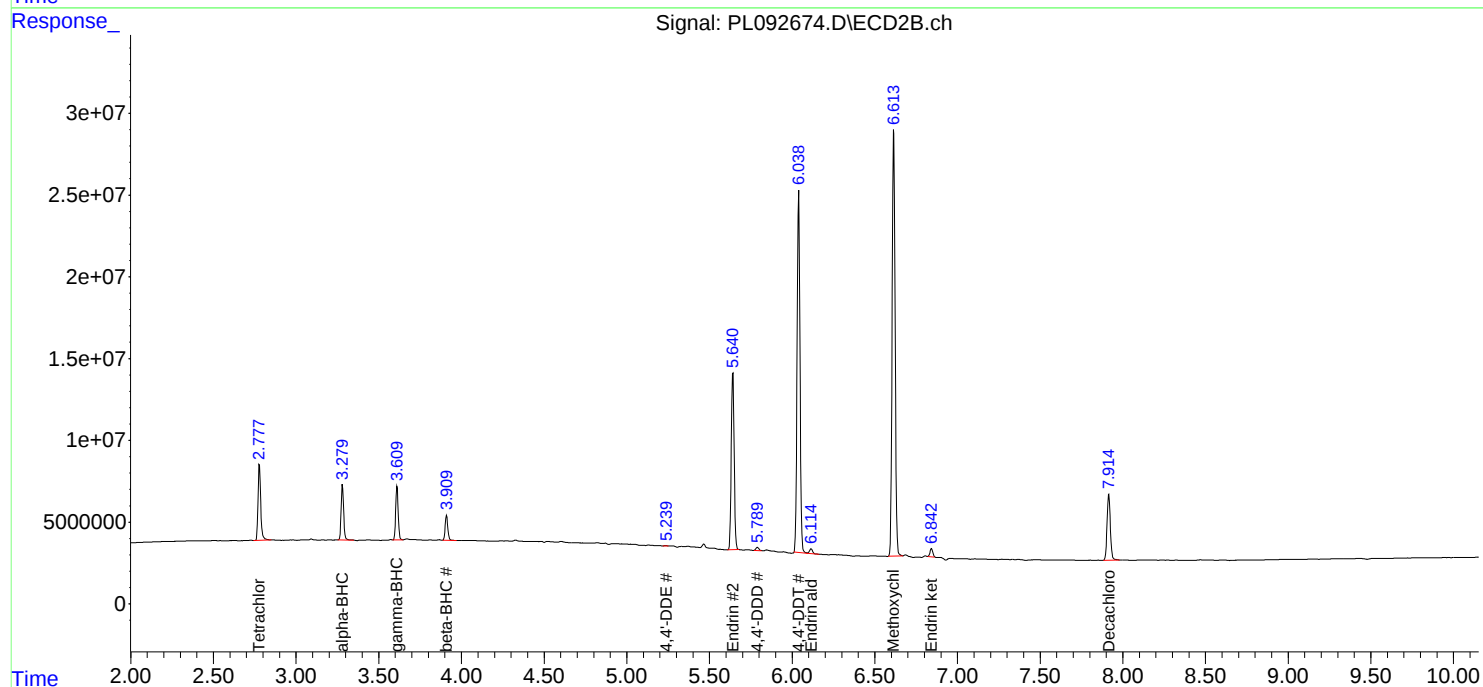
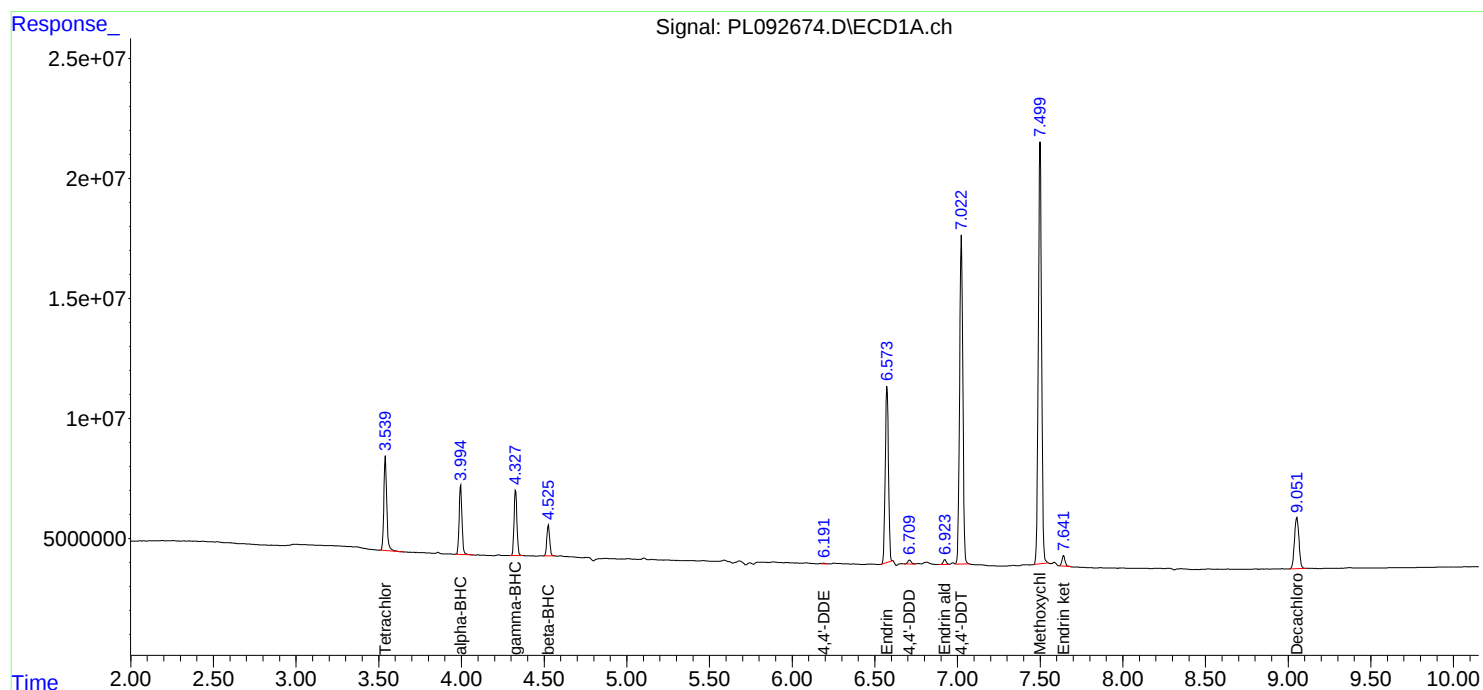
Instrument :
ECD_L
ClientSampleId :
PEM

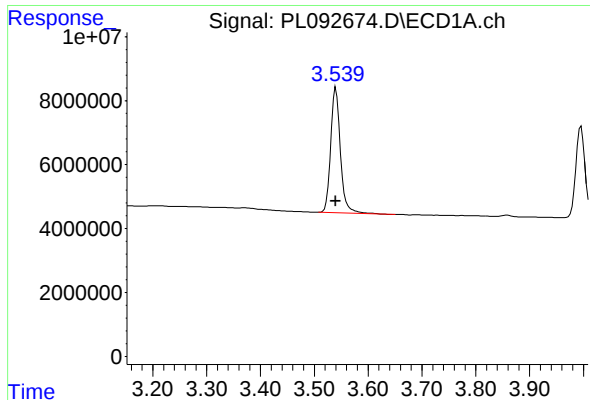
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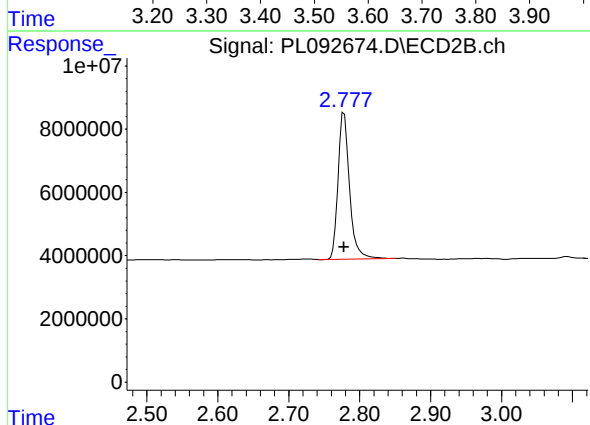
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 48885165
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

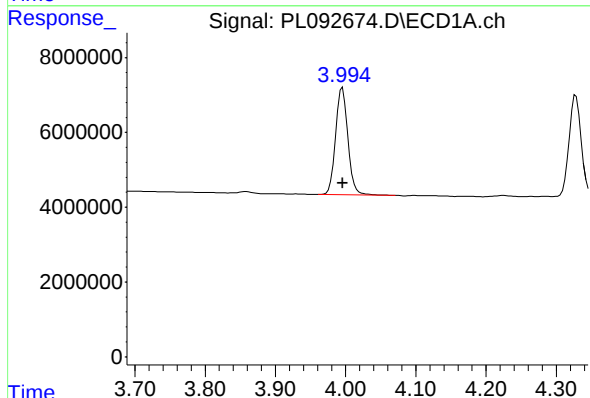
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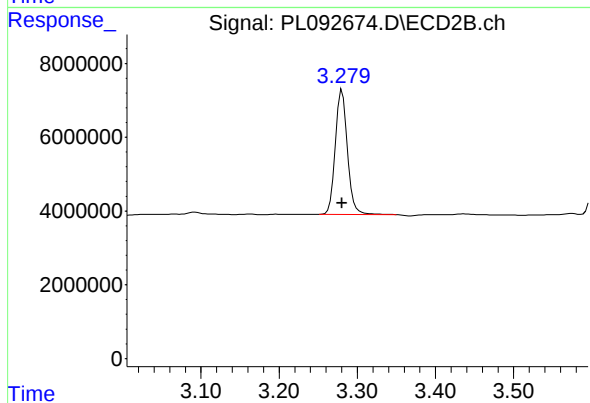
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 52294099
Conc: 19.22 ng/ml



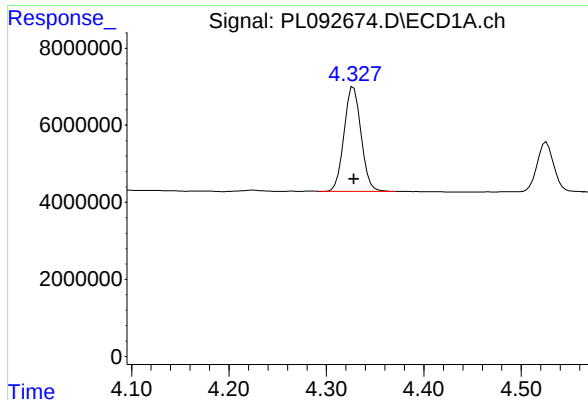
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 34651899
Conc: 10.22 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 36222234
Conc: 9.08 ng/ml



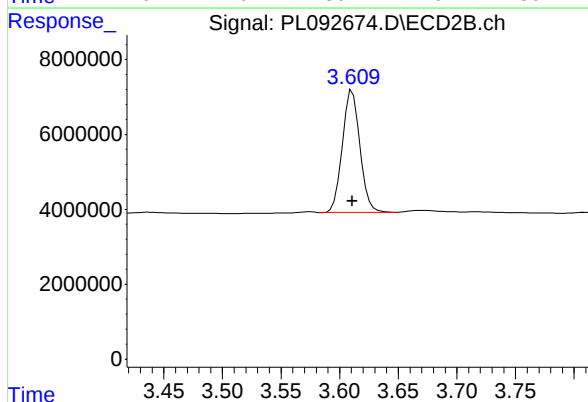
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 32793544
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

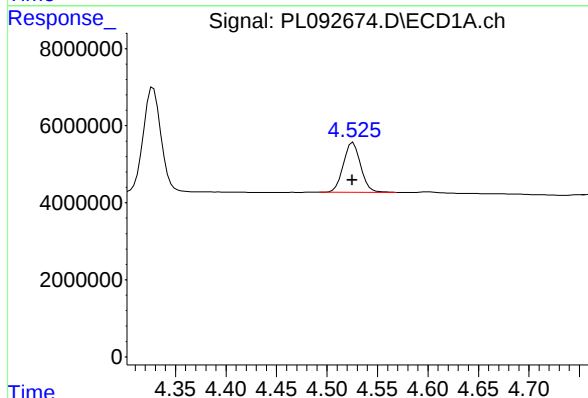
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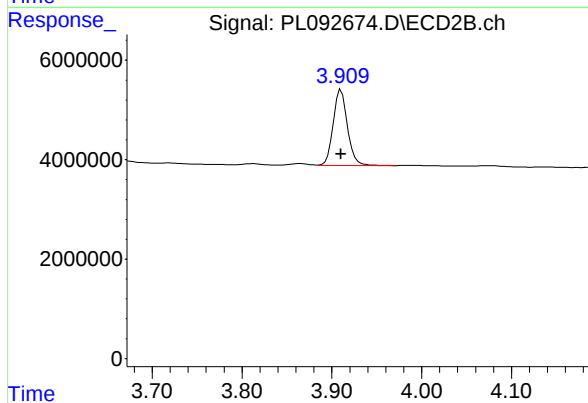
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 33860701
Conc: 8.77 ng/ml



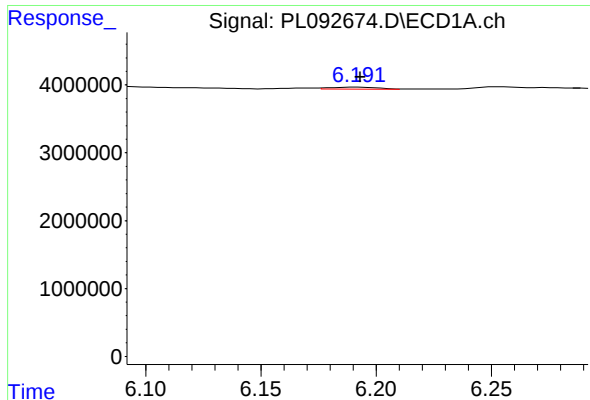
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 15409376
Conc: 10.66 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 16840994
Conc: 10.23 ng/ml



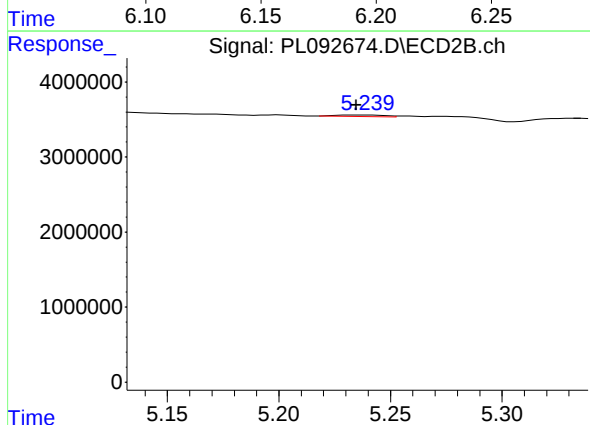
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 376375
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

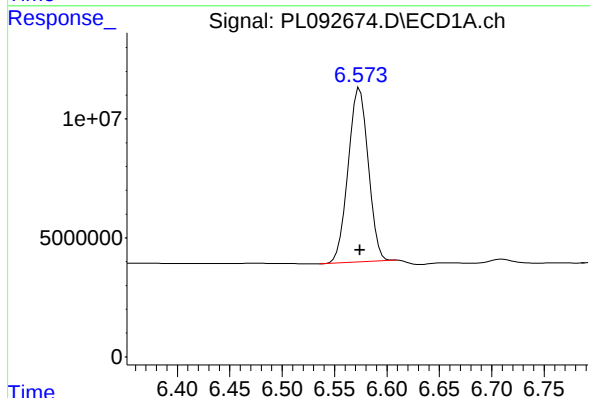
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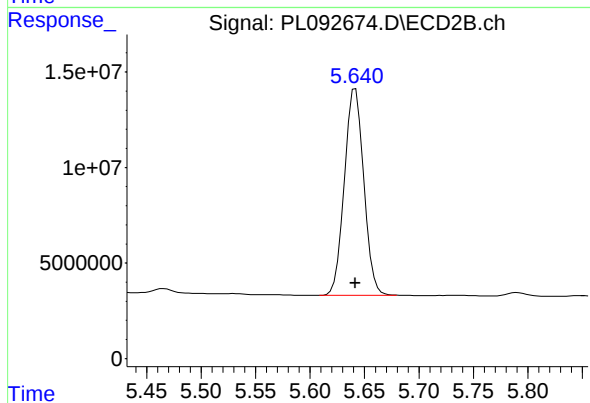
#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: 0.004 min
Response: 323544
Conc: 0.10 ng/ml



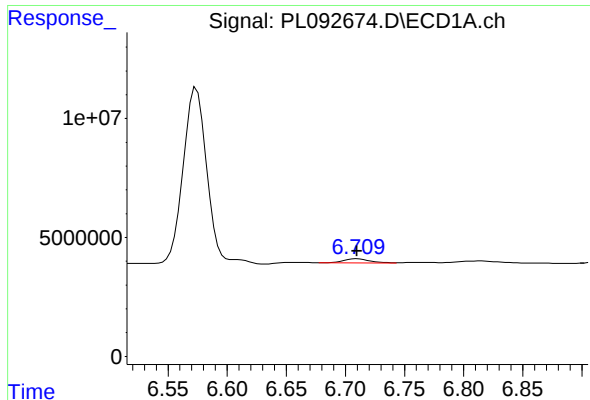
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 98123156
Conc: 43.10 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 133842394
Conc: 46.26 ng/ml



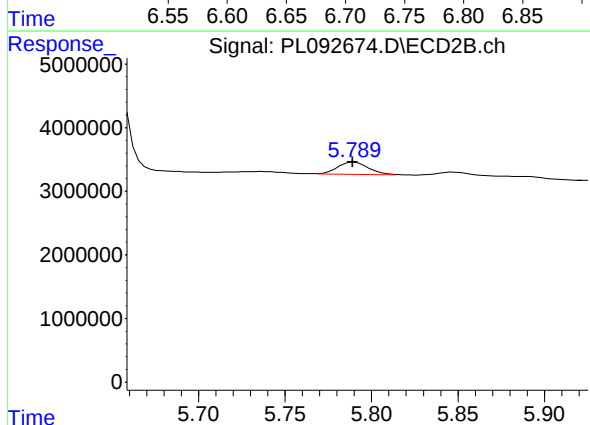
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 2460873
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

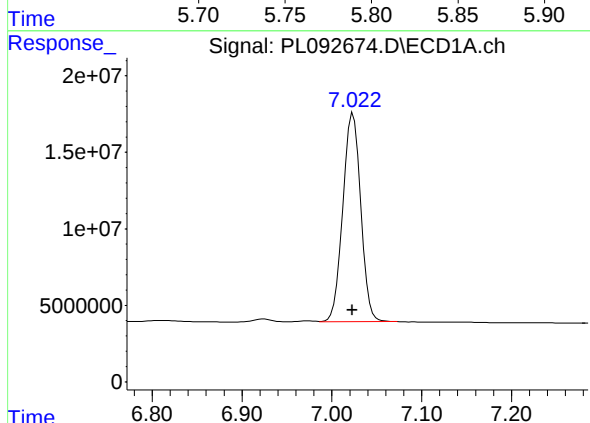
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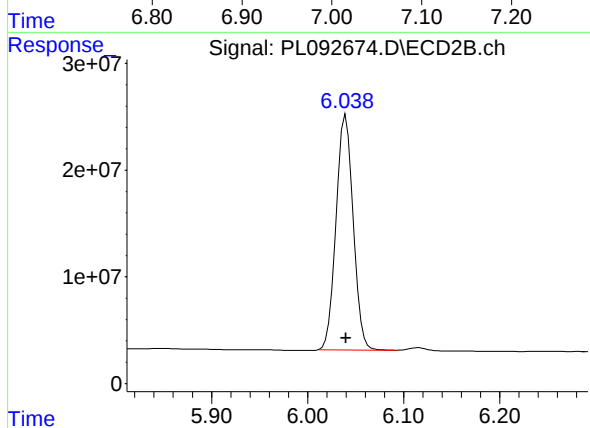
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 2319200
Conc: 0.93 ng/ml



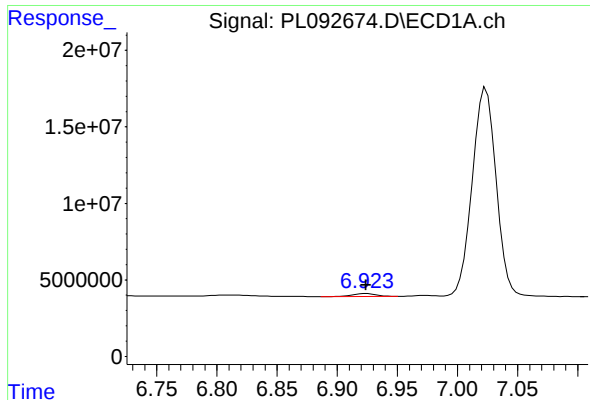
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 188739018
Conc: 91.19 ng/ml



#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 269723486
Conc: 100.56 ng/ml



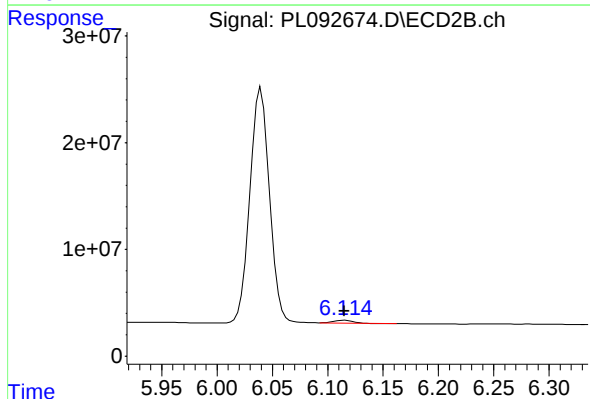
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 2694639
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

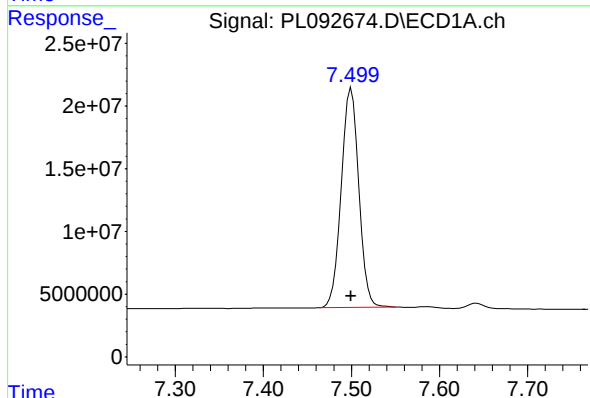
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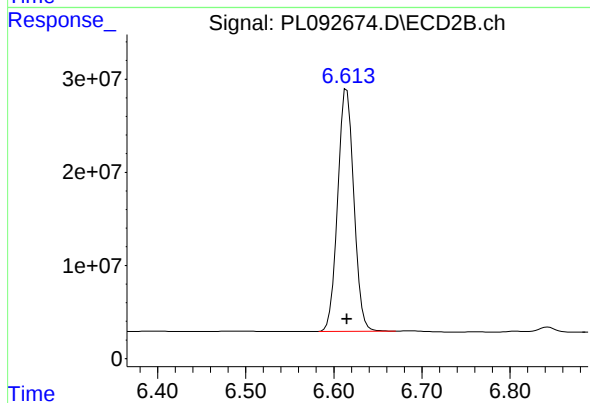
#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 3481547
Conc: 1.51 ng/ml



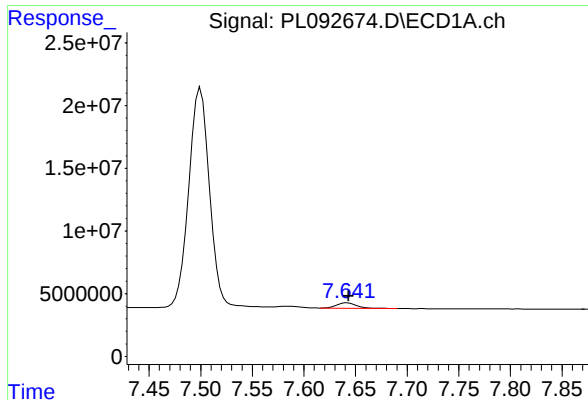
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 242461329
Conc: 212.69 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 331989527
Conc: 232.48 ng/ml



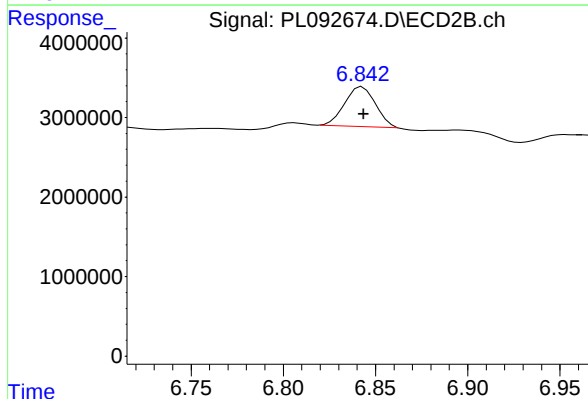
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 5737257
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

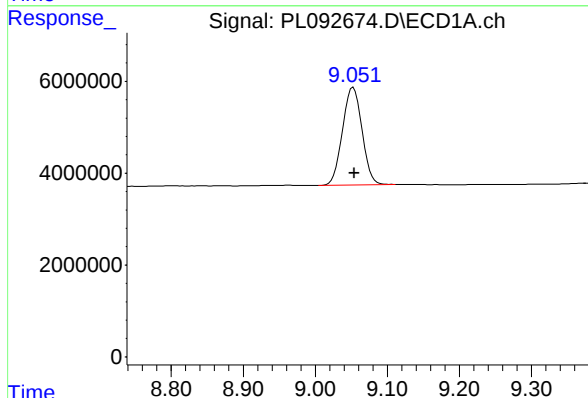
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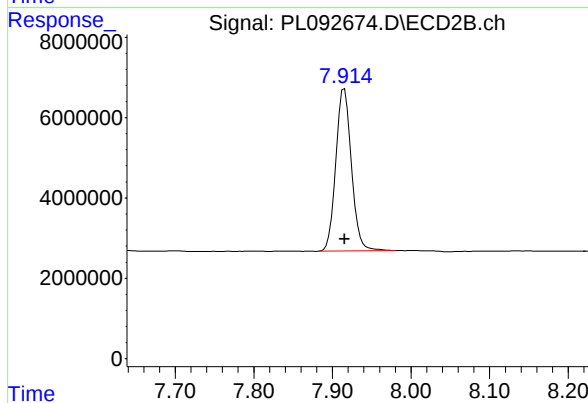
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.002 min
Response: 5792542
Conc: 1.89 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.001 min
Response: 39956357
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 55861550
Conc: 20.47 ng/ml