

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092724\
 Data File : PL092106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2024 12:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/29/2024
 Supervised By : Ankita Jodhani 09/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 15:53:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.539	2.779	39450607	45708778	17.733m	18.225
28)	SA Decachlor...	9.058	7.920	26828075	43589053	16.376	17.422
Target Compounds							
2)	A alpha-BHC	3.996	3.282	28236578	30447658	9.119	8.357
3)	MA gamma-BHC...	4.328	3.612	33617145	29117455	10.848	8.246
6)	B beta-BHC	4.526	3.912	11727518	14638768	8.842	9.739
12)	B 4,4'-DDE	6.196	5.237	236147	658614	0.109m	0.237m#
14)	MA Endrin	6.576	5.645	75686212	106.7E6	36.728	40.695
16)	A 4,4'-DDD	6.711	5.793	3910547	5724751	2.178m	2.680
17)	MA 4,4'-DDT	7.025	6.043	145.1E6	208.0E6	78.828	89.932
18)	B Endrin al...	6.923	6.119	2457306	4420034	1.410m	2.166 #
20)	A Methoxychlor	7.502	6.618	187.0E6	266.9E6	190.463	213.488
21)	B Endrin ke...	7.643	6.844	5168289	7977517	2.352m	2.881m

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

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Acq On : 27 Sep 2024 12:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

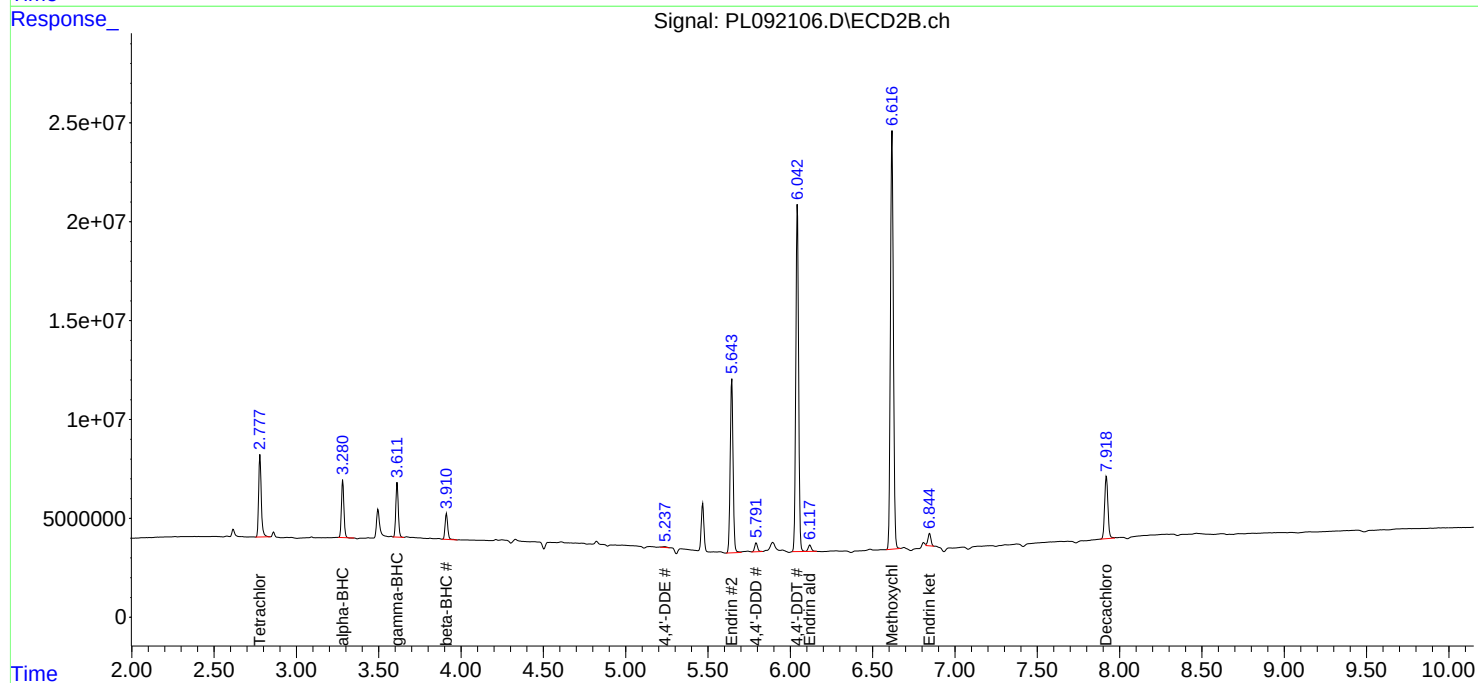
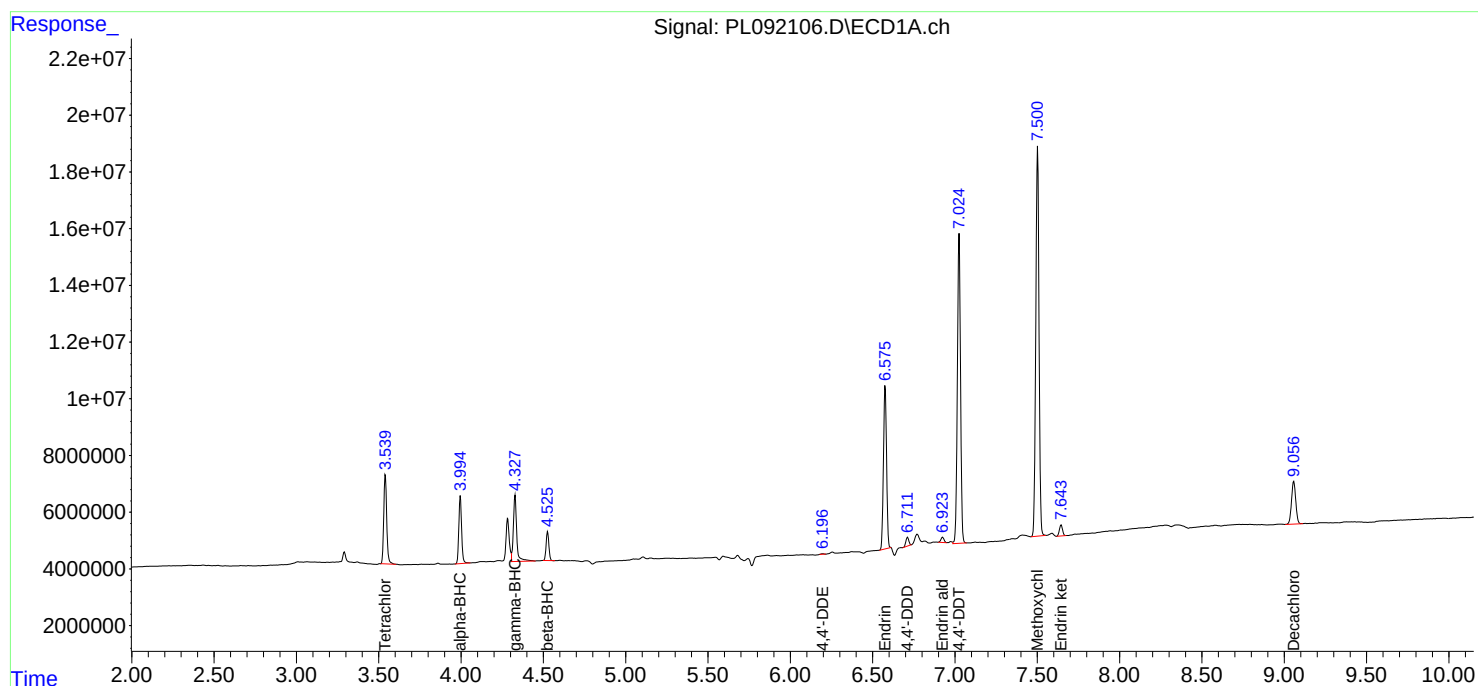
Instrument :
ECD_L
ClientSampleId :
PEM

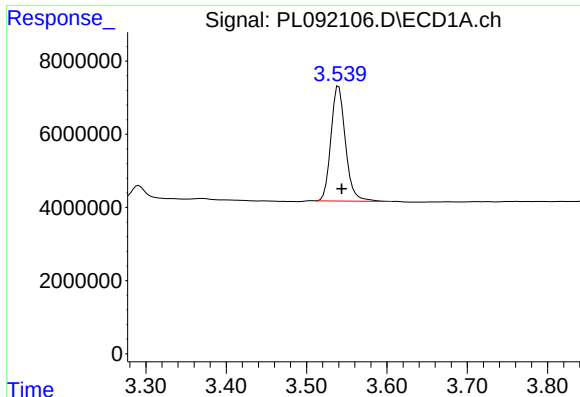
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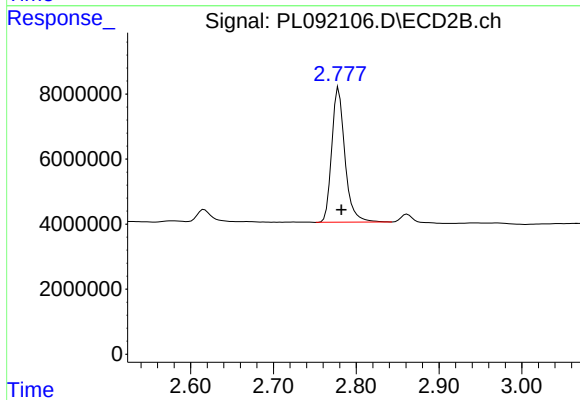
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 39450607
Conc: 17.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

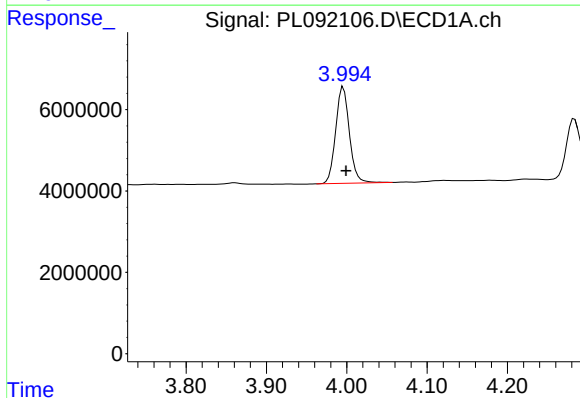
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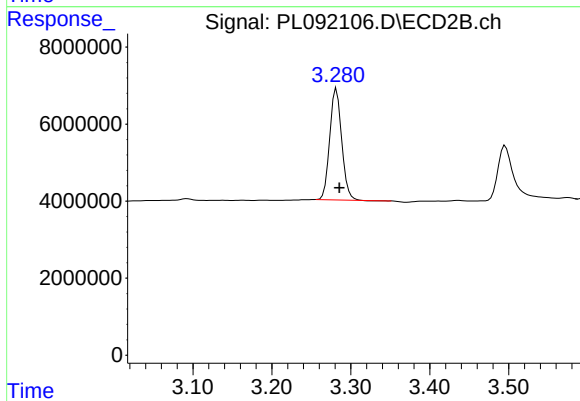
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.003 min
Response: 45708778
Conc: 18.22 ng/ml



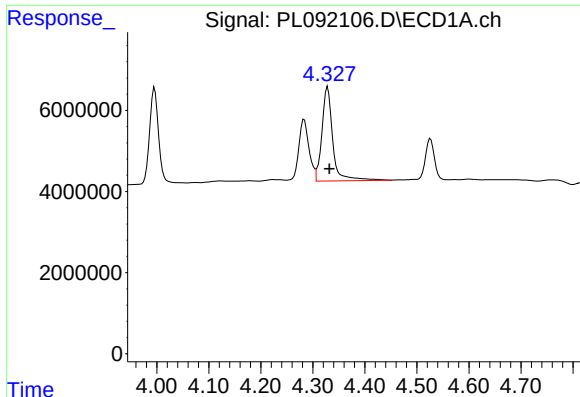
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 28236578
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: -0.004 min
Response: 30447658
Conc: 8.36 ng/ml



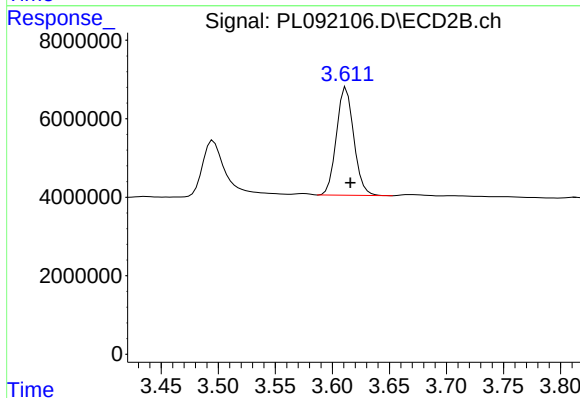
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 33617145
Conc: 10.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

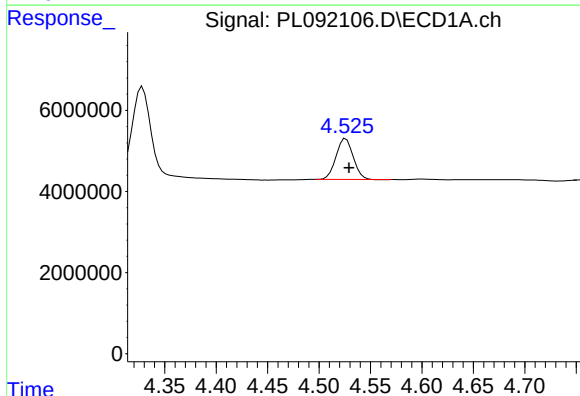
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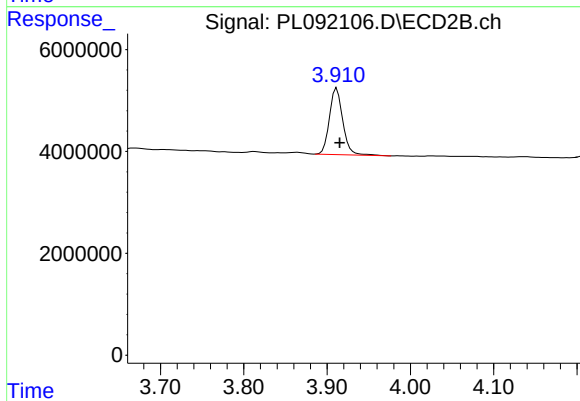
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: -0.004 min
Response: 29117455
Conc: 8.25 ng/ml



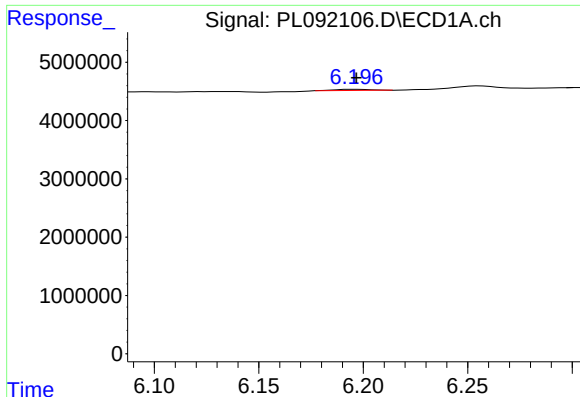
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 11727518
Conc: 8.84 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 14638768
Conc: 9.74 ng/ml



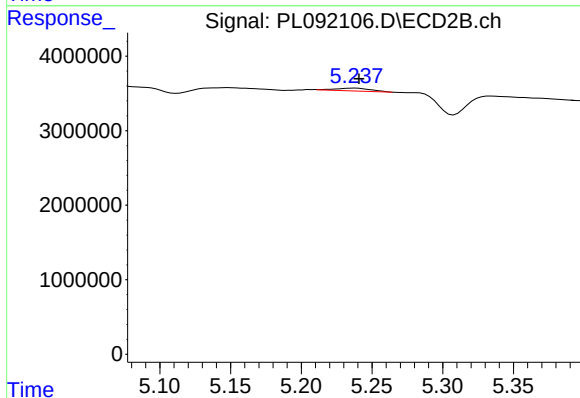
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 236147
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

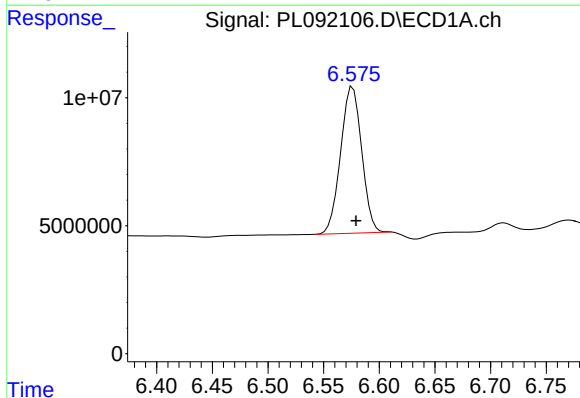
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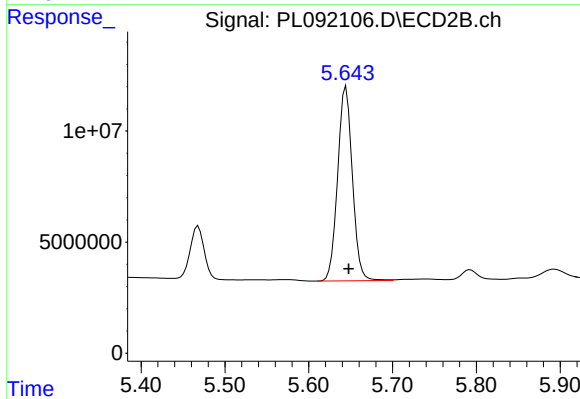
#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 658614
Conc: 0.24 ng/ml m



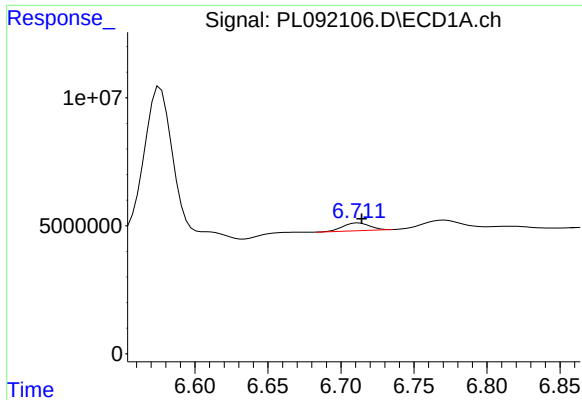
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 75686212
Conc: 36.73 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 106710191
Conc: 40.70 ng/ml



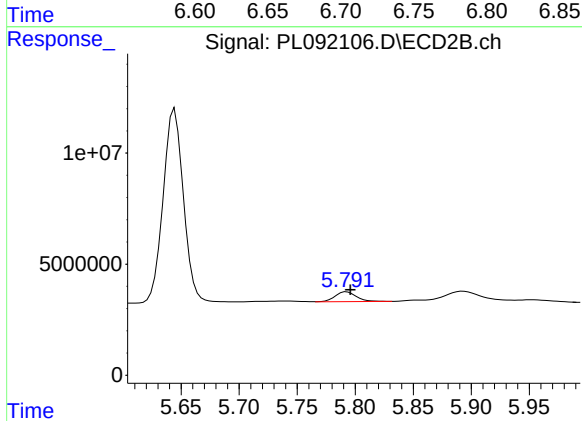
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 3910547
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

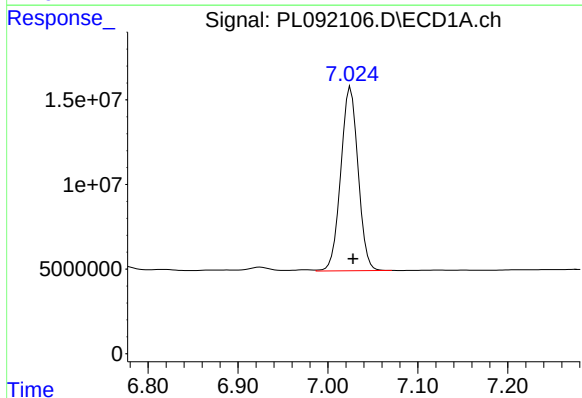
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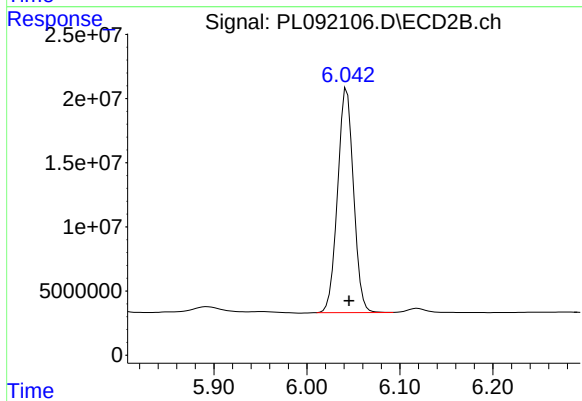
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 5724751
Conc: 2.68 ng/ml



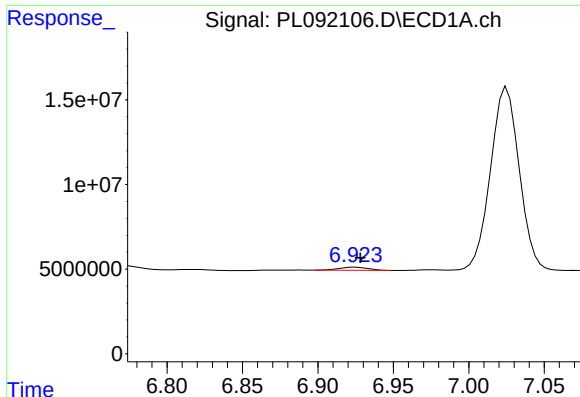
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 145138599
Conc: 78.83 ng/ml



#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 208027961
Conc: 89.93 ng/ml



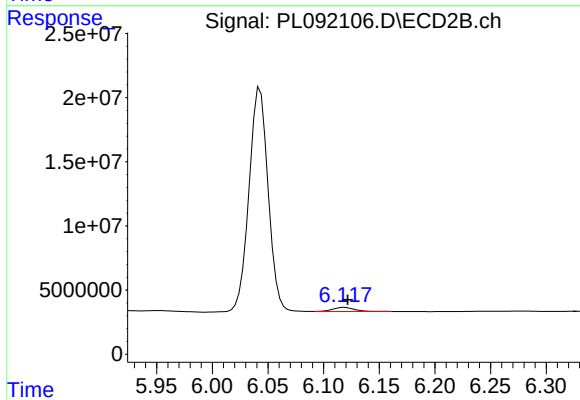
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 2457306
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

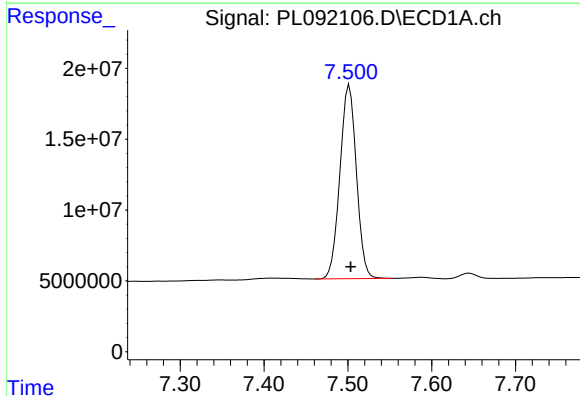
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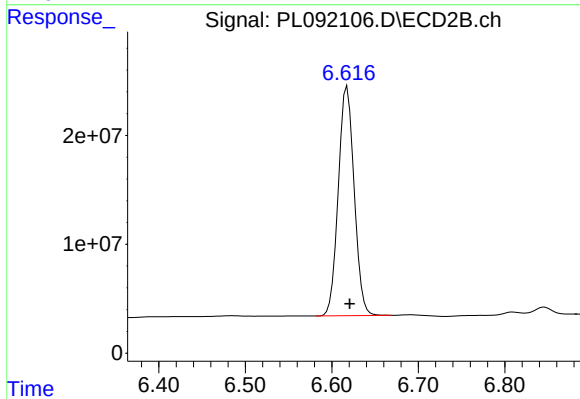
#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 4420034
Conc: 2.17 ng/ml



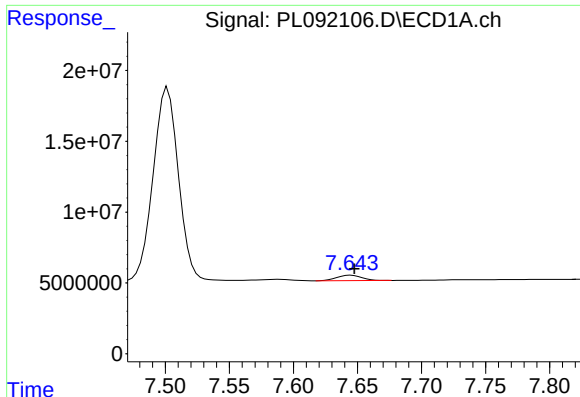
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 186980072
Conc: 190.46 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 266933914
Conc: 213.49 ng/ml



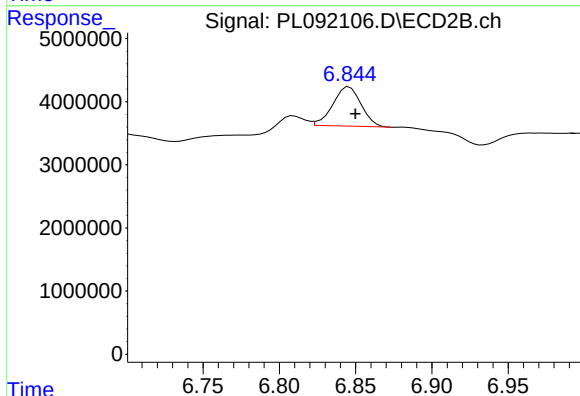
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.004 min
Response: 5168289
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

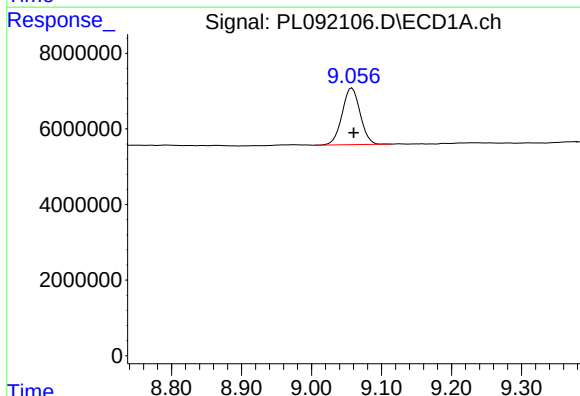
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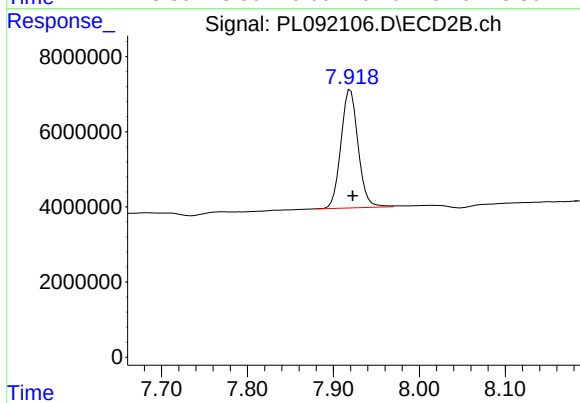
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 7977517
Conc: 2.88 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 26828075
Conc: 16.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 43589053
Conc: 17.42 ng/ml