

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092924\
 Data File : PL092142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2024 12:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 04:27:36 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...	3.543	2.782	52527688	60467191	23.612	24.109
28)	SA Decachlor...	9.060	7.922	35035920	54415117	21.386	21.749
Target Compounds							
2)	A alpha-BHC	3.999	3.285	37048525	41215583	11.965	11.313
3)	MA gamma-BHC...	4.332	3.615	39393111	38574739	12.712	10.925
6)	B beta-BHC	4.529	3.914	15688810	18863813	11.828	12.550
12)	B 4,4'-DDE	6.195	5.238	490200	883842	0.226m	0.318m#
14)	MA Endrin	6.579	5.647	88797514	131.4E6	43.091	50.113
16)	A 4,4'-DDD	6.714	5.794	11420058	13707773	6.360	6.417
17)	MA 4,4'-DDT	7.028	6.045	171.6E6	255.8E6	93.224	110.578
18)	B Endrin al...	6.928	6.120	4977693	6396547	2.856	3.134
20)	A Methoxychlor	7.504	6.620	220.7E6	306.2E6	224.800	244.908
21)	B Endrin ke...	7.647	6.848	10404248	15459123	4.734	5.583

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

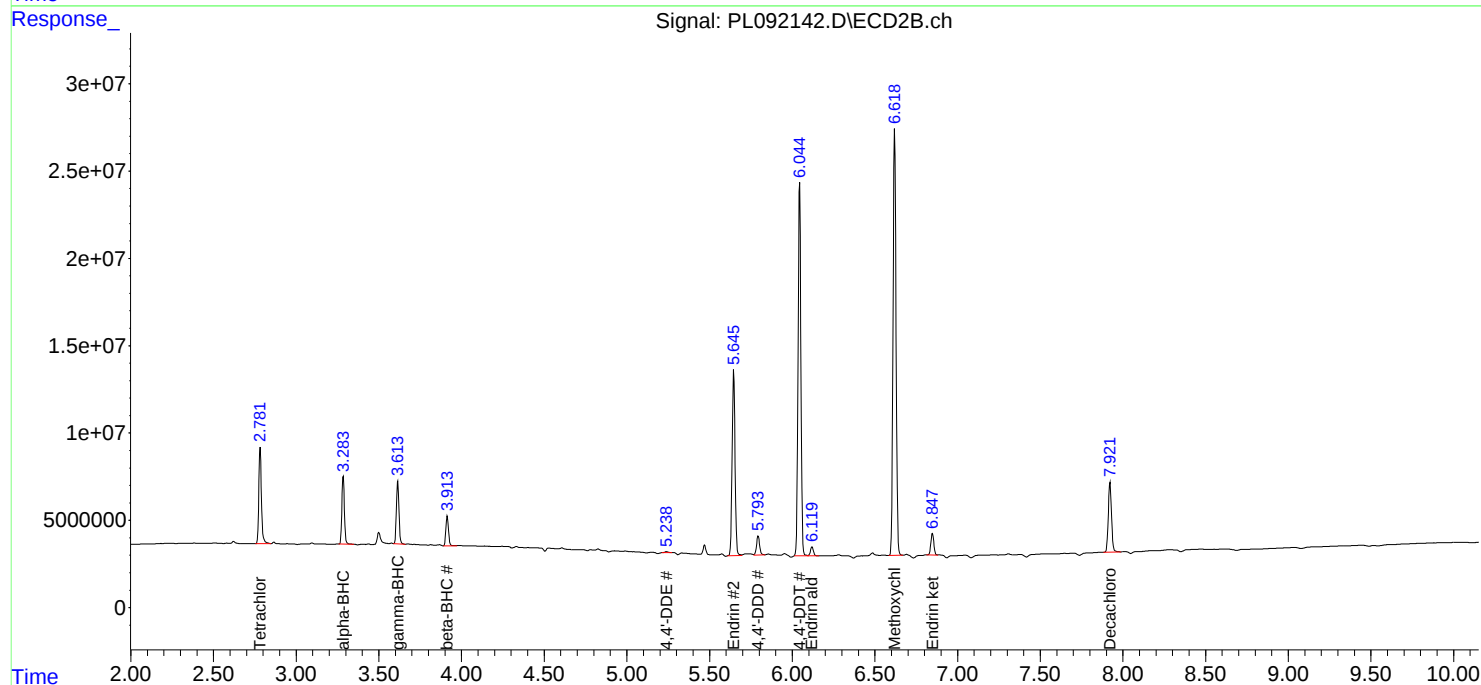
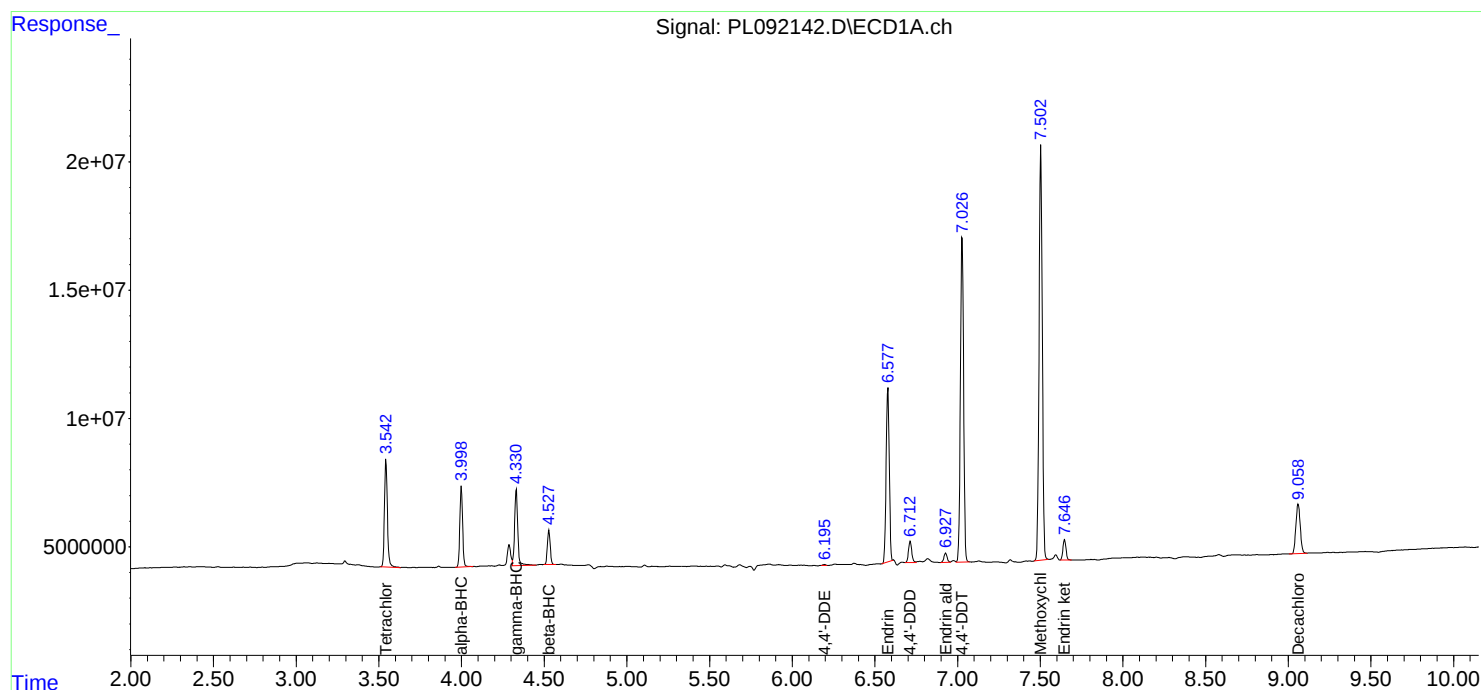
Instrument :
ECD_L
ClientSampleId :
PEM

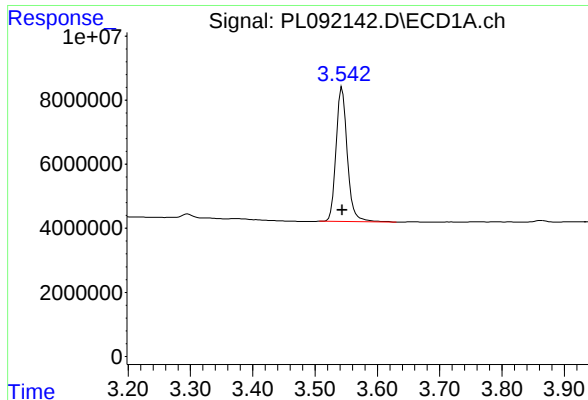
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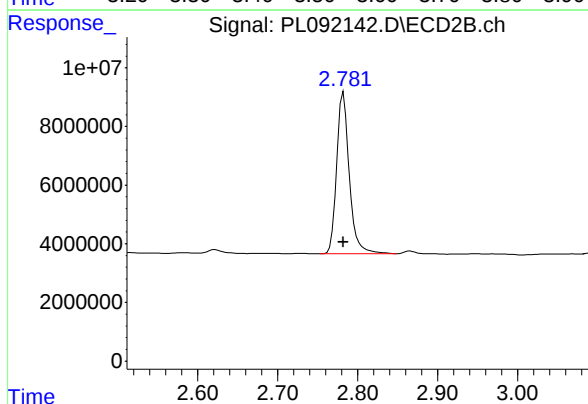
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 52527688
Conc: 23.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

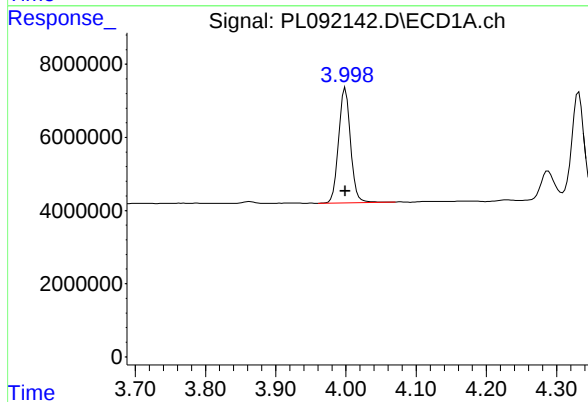
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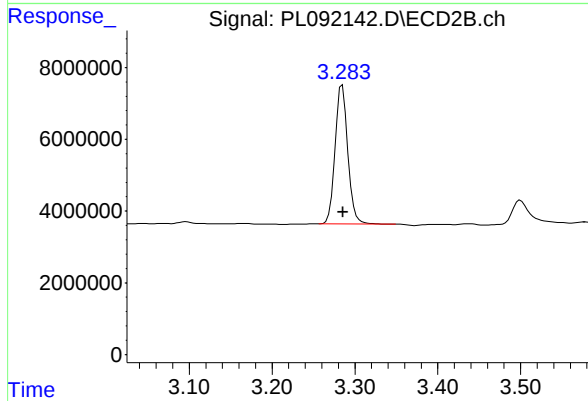
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 60467191
Conc: 24.11 ng/ml



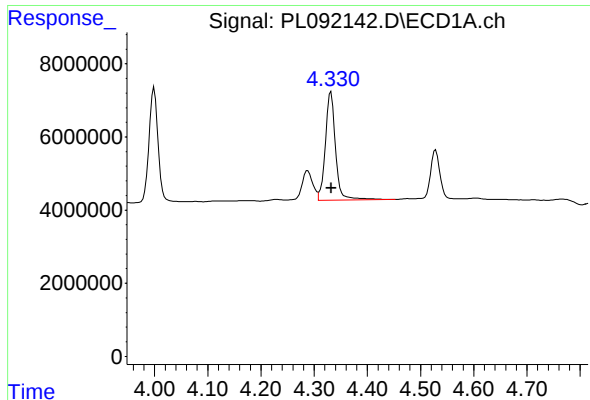
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 37048525
Conc: 11.96 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 41215583
Conc: 11.31 ng/ml



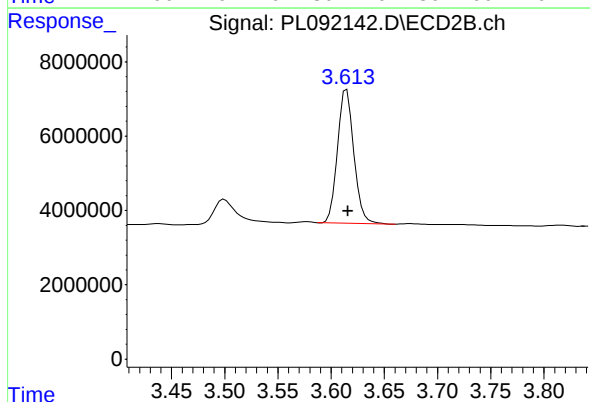
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 39393111
Conc: 12.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

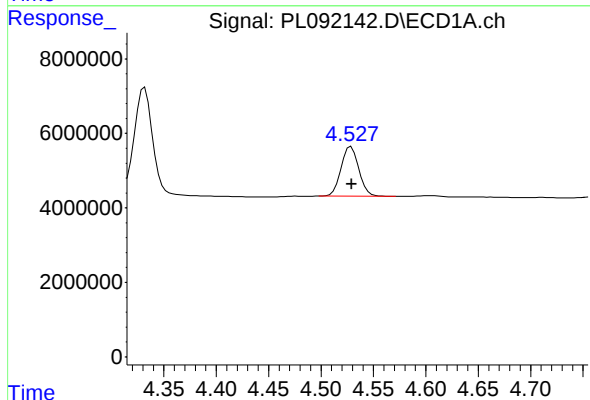
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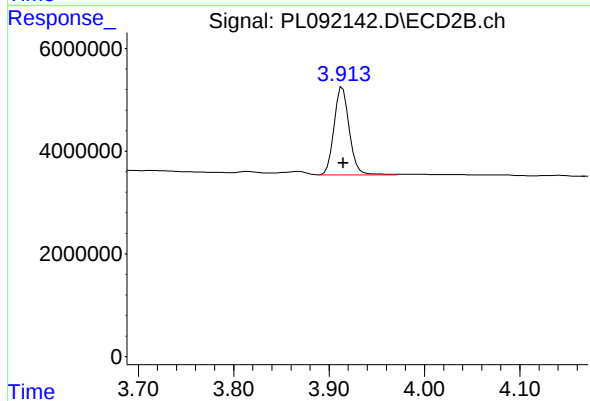
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: -0.001 min
Response: 38574739
Conc: 10.92 ng/ml



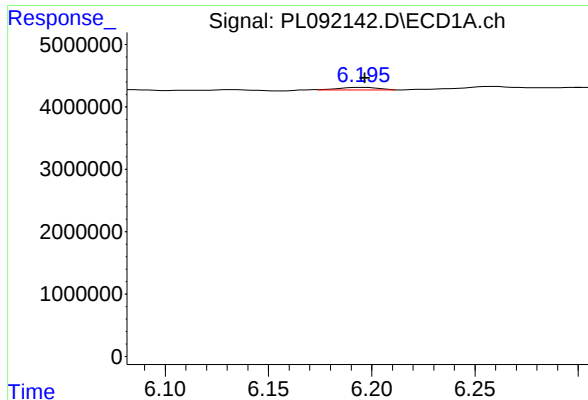
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 15688810
Conc: 11.83 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 18863813
Conc: 12.55 ng/ml



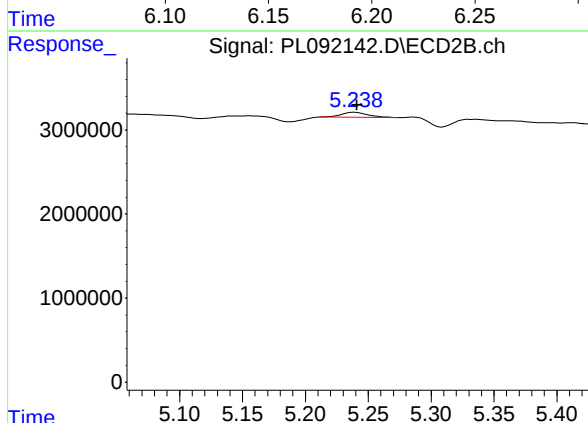
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 490200
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

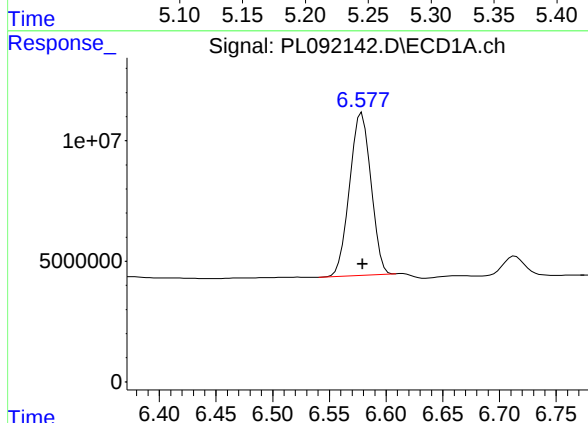
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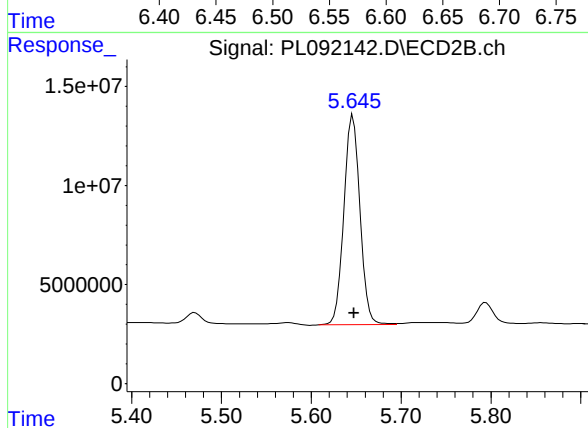
#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 883842
Conc: 0.32 ng/ml



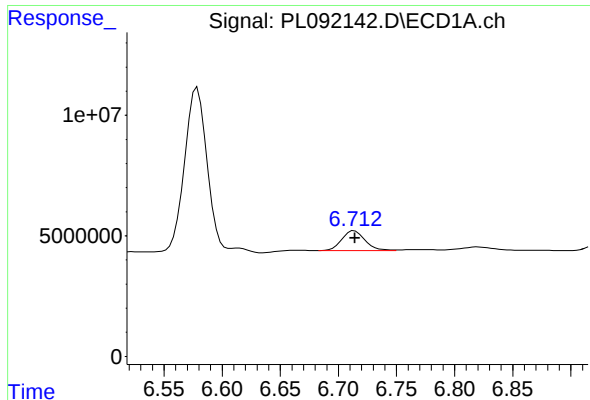
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 88797514
Conc: 43.09 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 131404291
Conc: 50.11 ng/ml



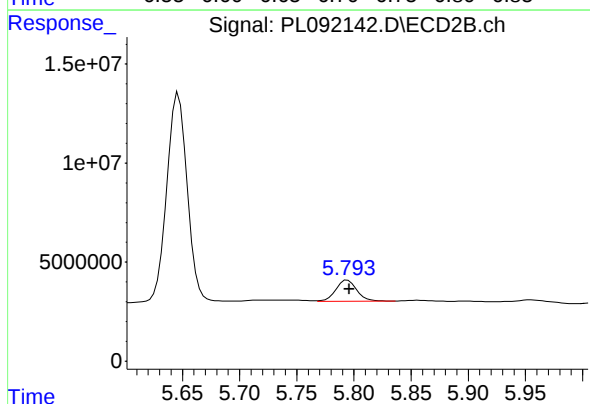
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 11420058
Conc: 6.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

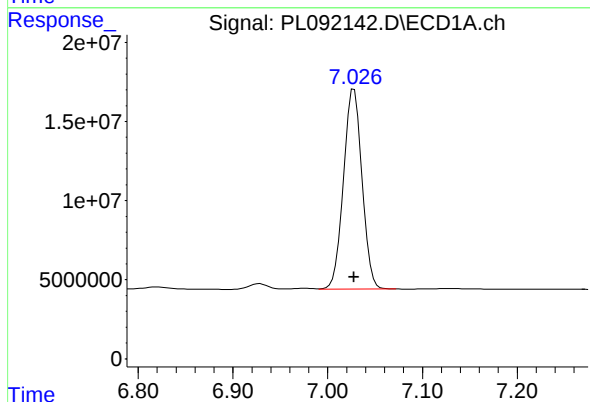
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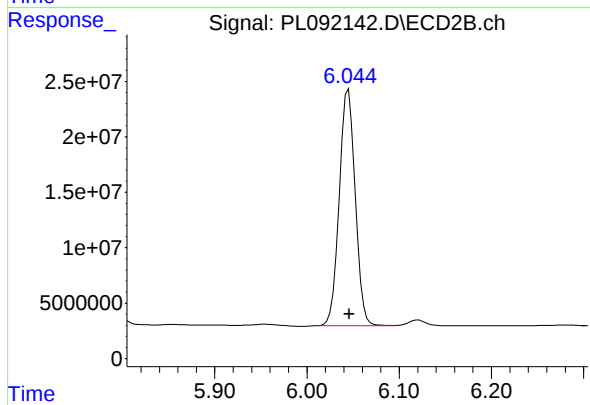
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.001 min
Response: 13707773
Conc: 6.42 ng/ml



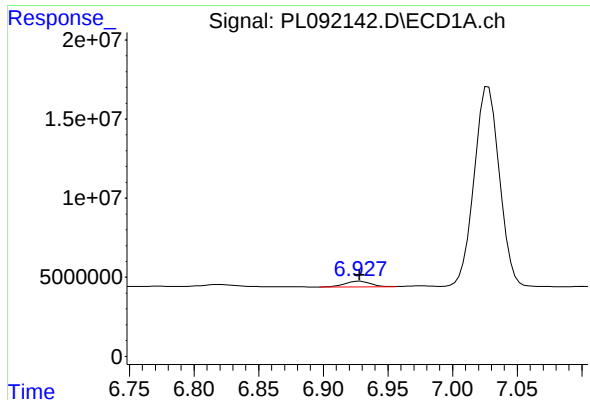
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 171644816
Conc: 93.22 ng/ml



#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 255785591
Conc: 110.58 ng/ml



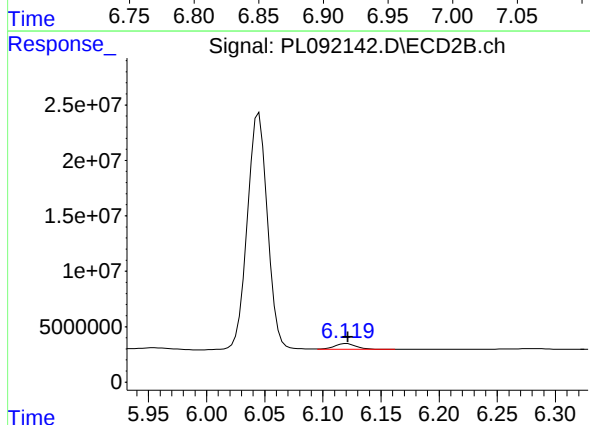
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 4977693
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

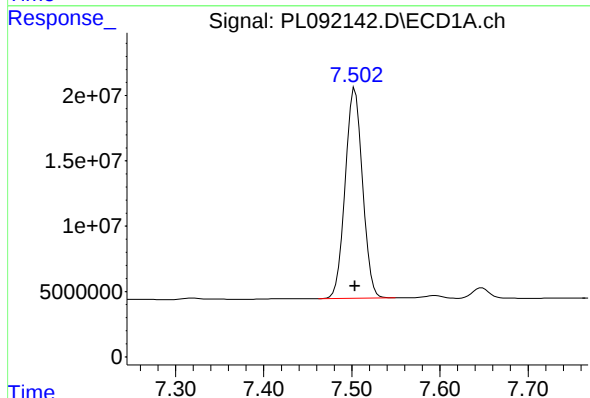
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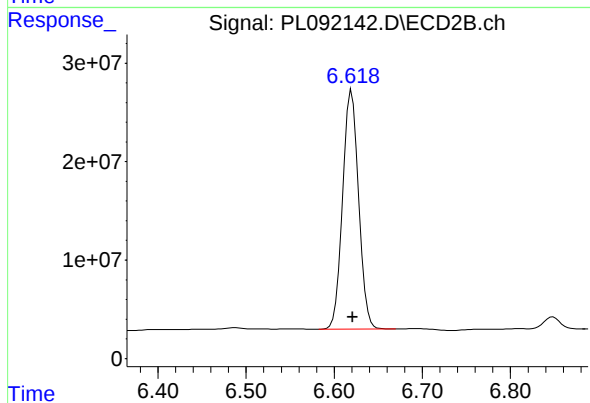
#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 6396547
Conc: 3.13 ng/ml



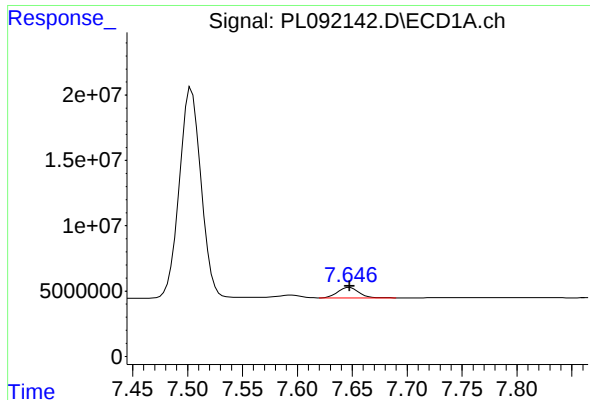
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 220688365
Conc: 224.80 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 306220014
Conc: 244.91 ng/ml



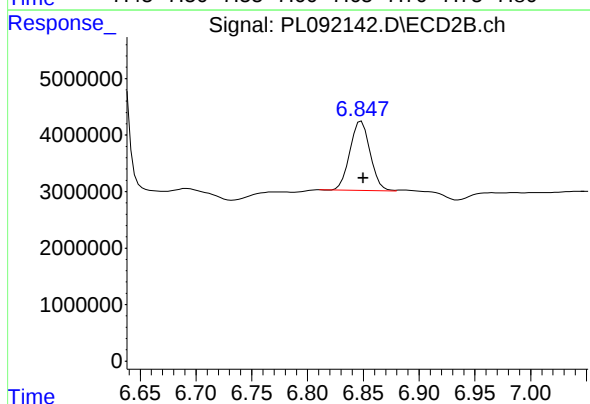
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 10404248
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

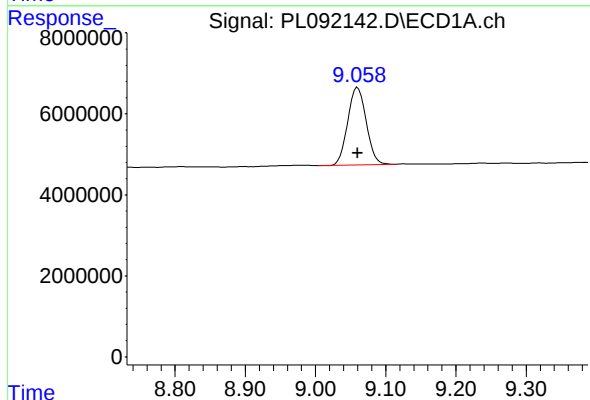
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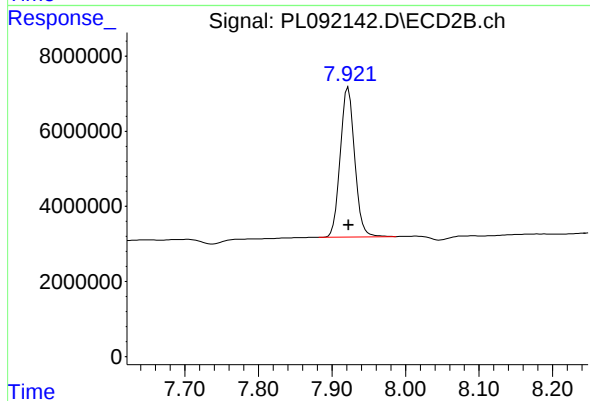
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 15459123
Conc: 5.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 35035920
Conc: 21.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 54415117
Conc: 21.75 ng/ml