

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101424\
 Data File : PL092350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 10:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/15/2024
 Supervised By : Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 01:54:28 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...	3.540	2.778	50639288	54416700	22.763	21.697
28)	SA Decachlor...	9.062	7.922	34863144	48110797	21.281	19.229
Target Compounds							
2)	A alpha-BHC	3.996	3.281	36141303	37404704	11.672	10.267
3)	MA gamma-BHC...	4.329	3.611	34424965	35035978	11.109	9.922
6)	B beta-BHC	4.527	3.911	16155335	16932334	12.180	11.265
12)	B 4,4'-DDE	6.194	5.238	237201	876731	0.110m	0.316m#
14)	MA Endrin	6.578	5.645	90400697	125.2E6	43.869	47.763
16)	A 4,4'-DDD	6.714	5.792	9367552	11013201	5.217	5.155
17)	MA 4,4'-DDT	7.028	6.043	169.4E6	240.9E6	91.993	104.132
18)	B Endrin al...	6.928	6.119	3729453	4147739	2.140	2.032
20)	A Methoxychlor	7.505	6.619	213.2E6	282.1E6	217.154	225.603
21)	B Endrin ke...	7.648	6.847	8293778	11109741	3.774	4.012

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

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Acq On : 14 Oct 2024 10:01
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

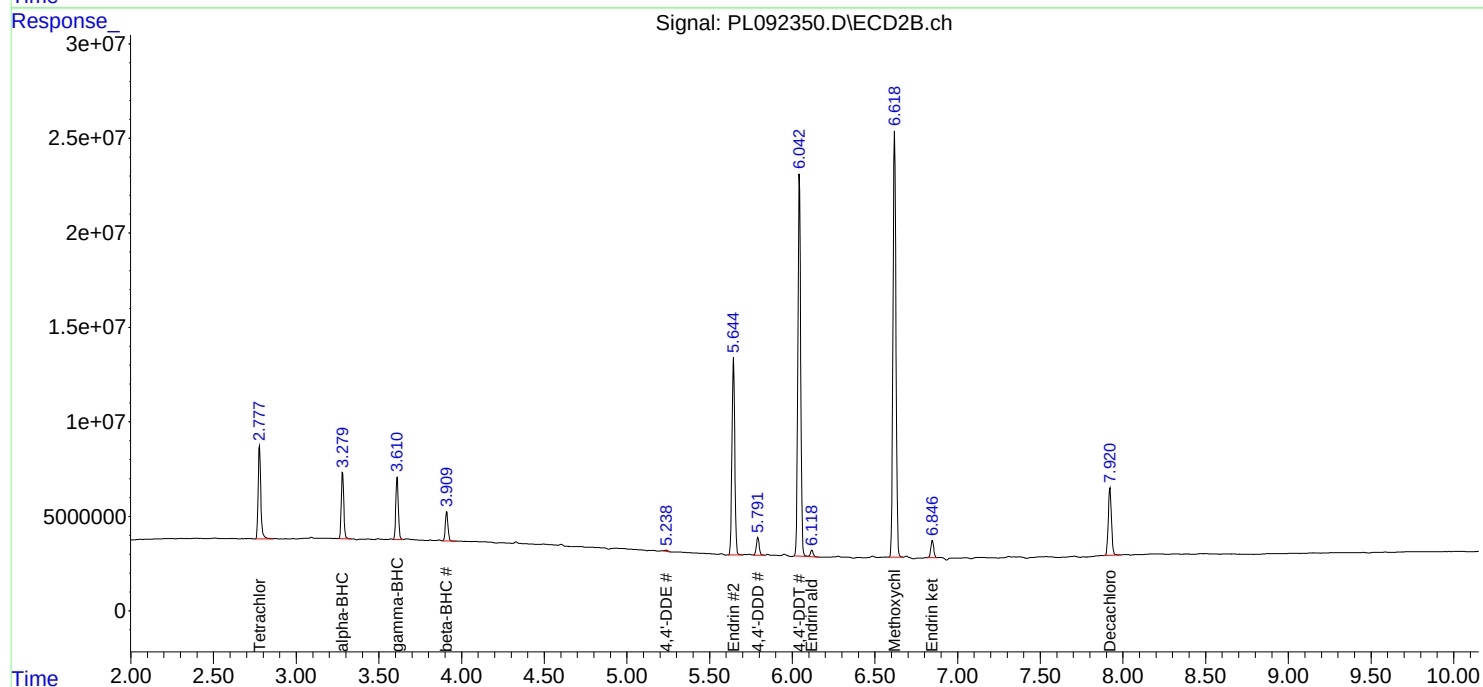
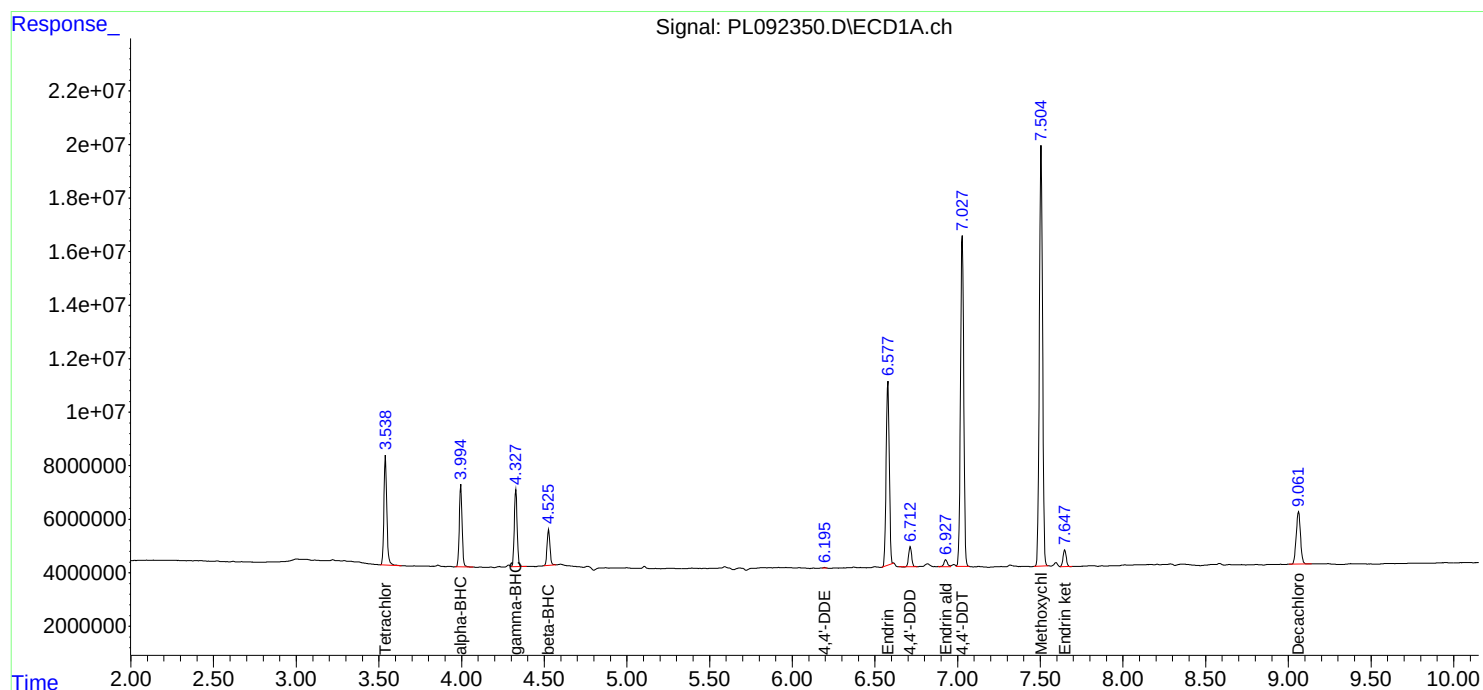
Instrument :
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PEM

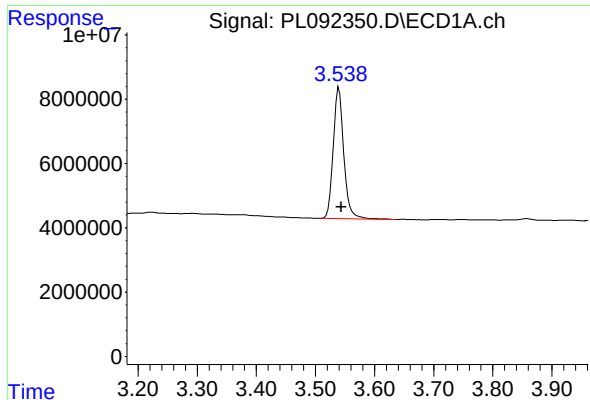
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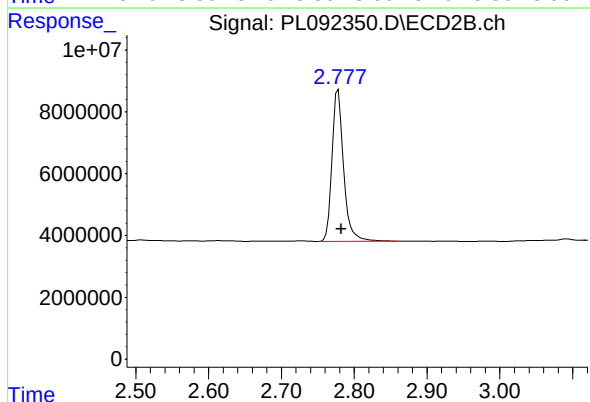
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 50639288
Conc: 22.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

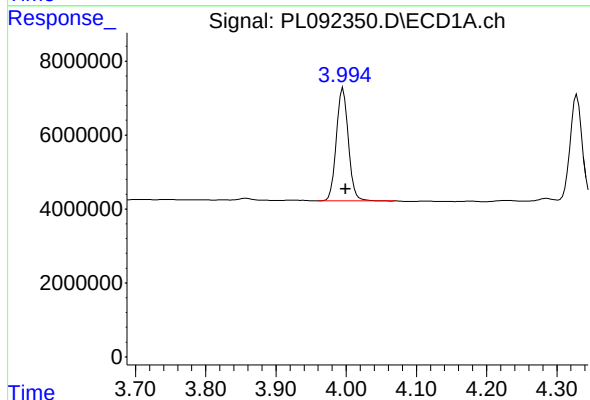
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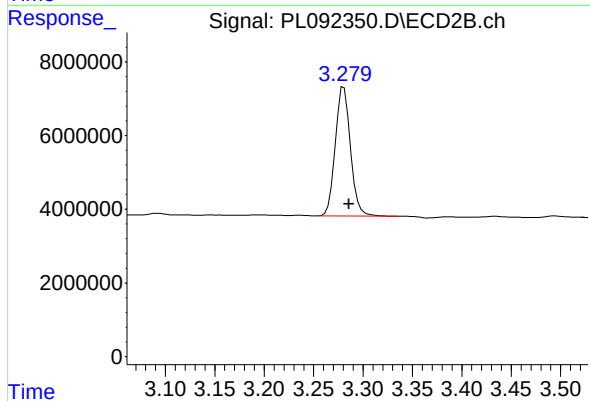
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 54416700
Conc: 21.70 ng/ml



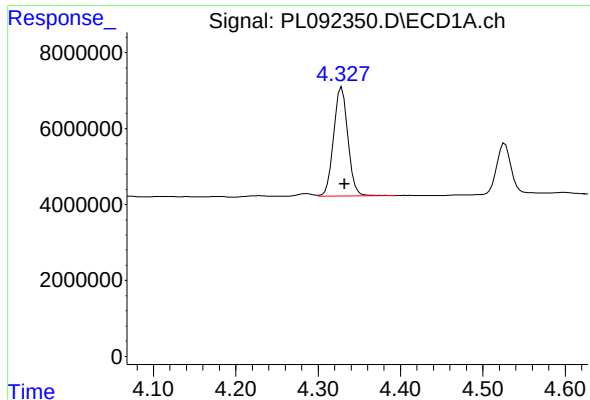
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 36141303
Conc: 11.67 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 37404704
Conc: 10.27 ng/ml



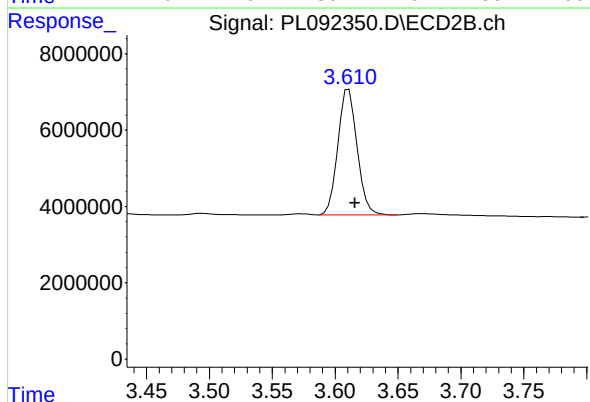
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.004 min
Response: 34424965
Conc: 11.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

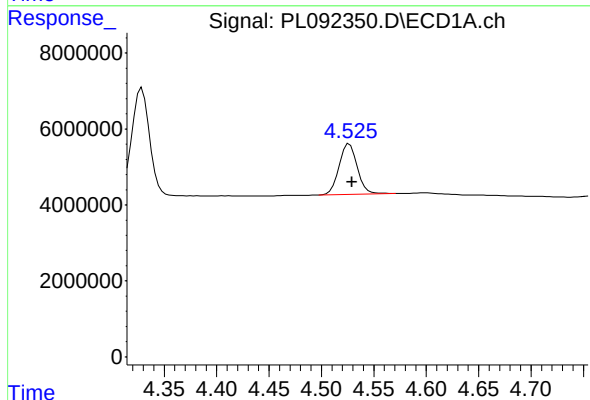
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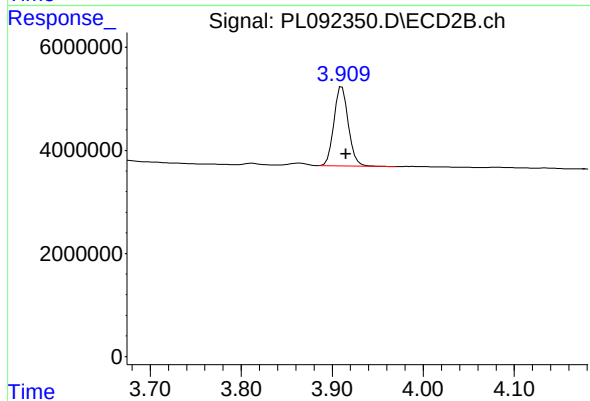
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 35035978
Conc: 9.92 ng/ml



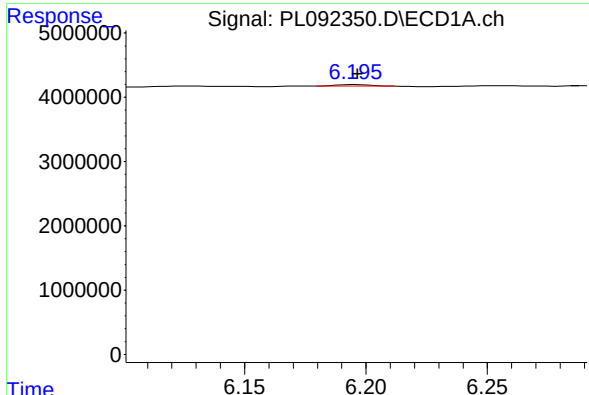
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 16155335
Conc: 12.18 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 16932334
Conc: 11.26 ng/ml



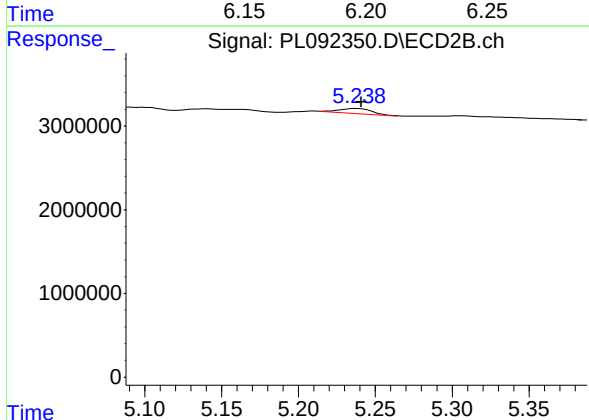
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 237201
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

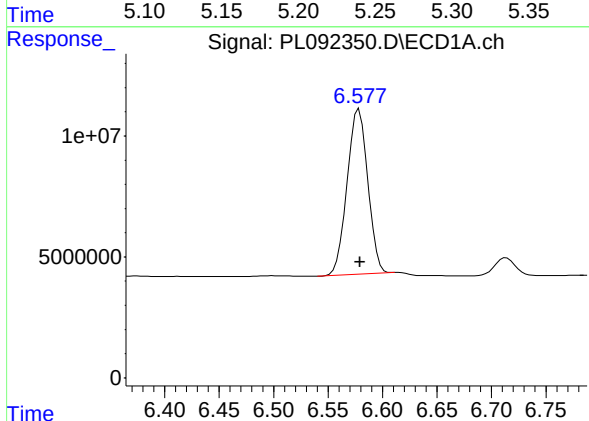
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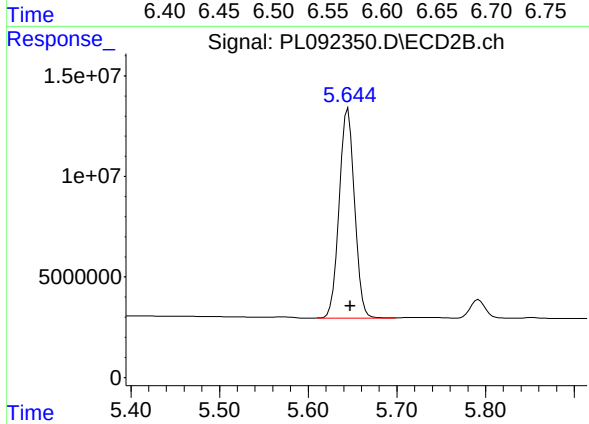
#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 876731
Conc: 0.32 ng/ml



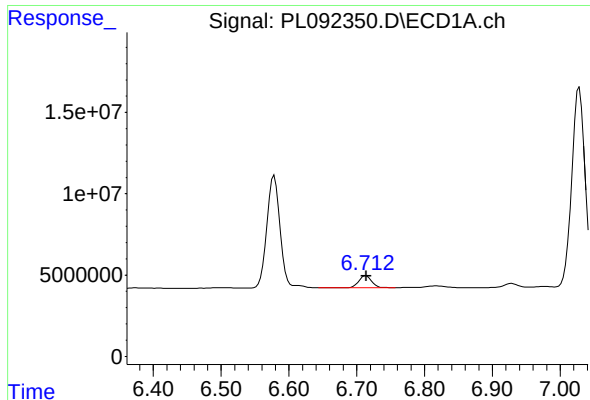
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 90400697
Conc: 43.87 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 125243601
Conc: 47.76 ng/ml



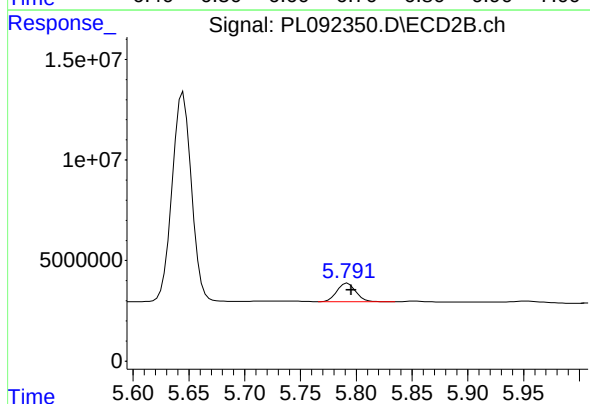
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 9367552
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

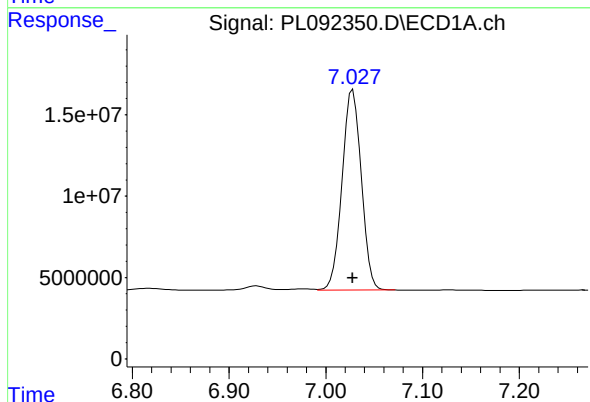
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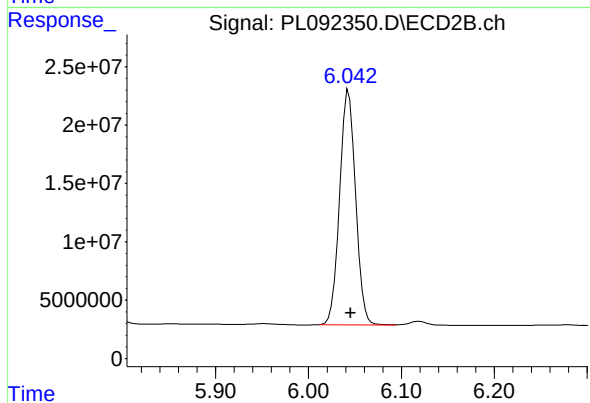
#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 11013201
Conc: 5.16 ng/ml



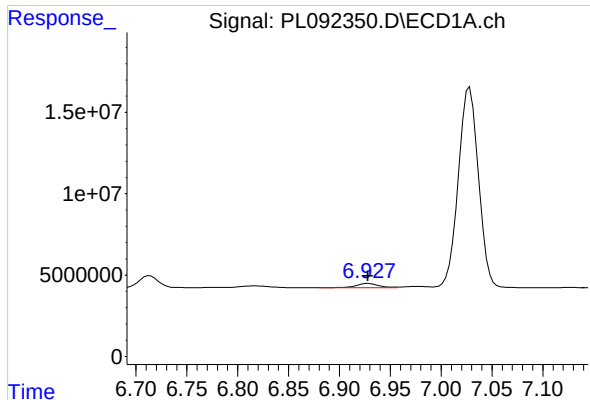
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 169377265
Conc: 91.99 ng/ml



#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 240873889
Conc: 104.13 ng/ml



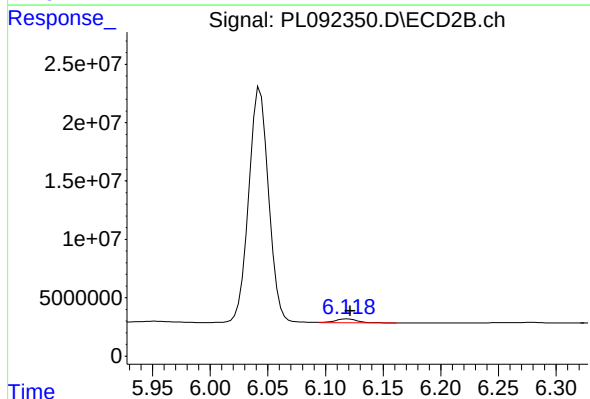
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 3729453
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

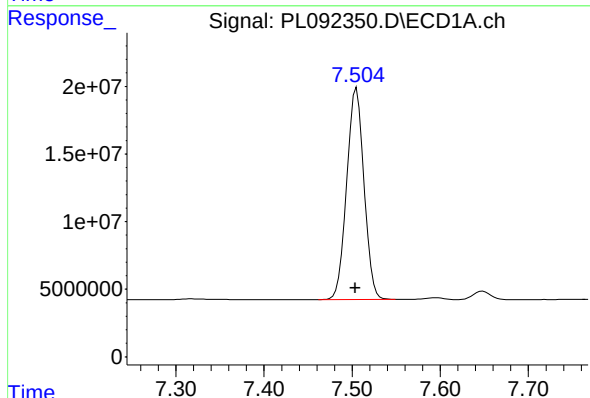
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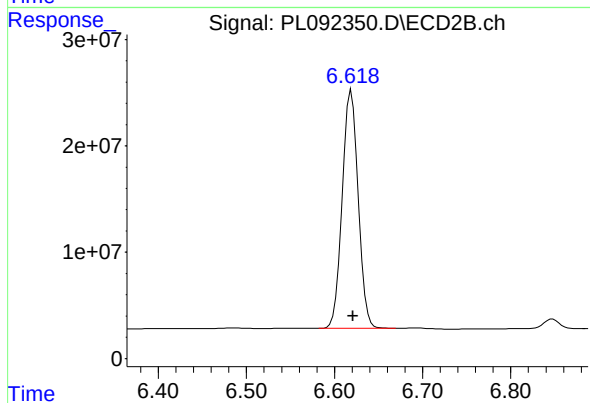
#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 4147739
Conc: 2.03 ng/ml



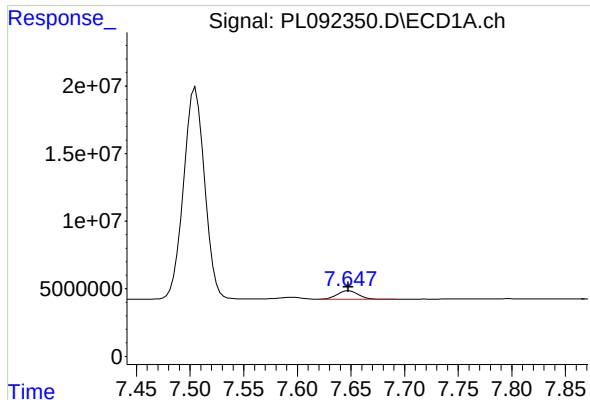
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 213182227
Conc: 217.15 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 282082104
Conc: 225.60 ng/ml



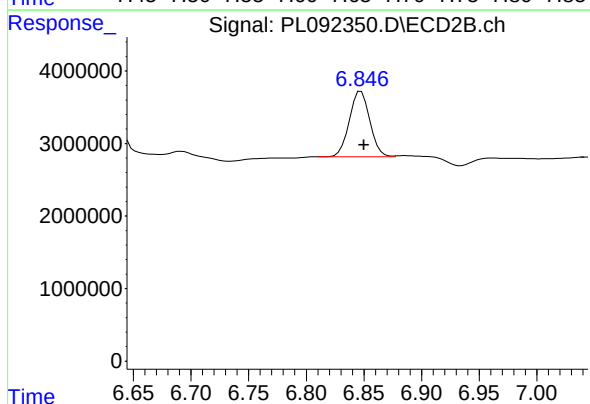
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 8293778
Conc: 3.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

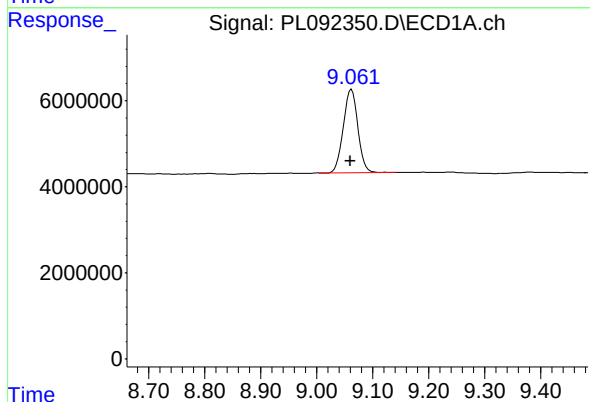
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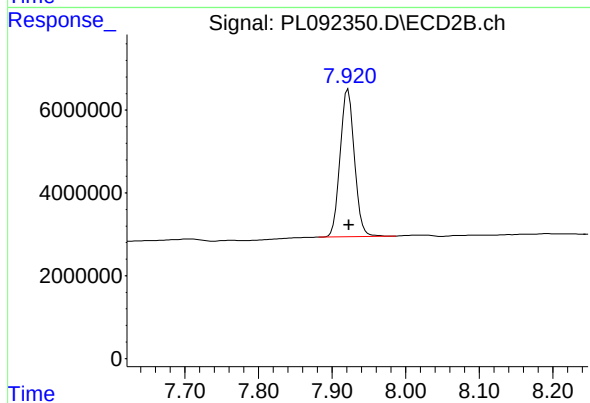
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 11109741
Conc: 4.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 34863144
Conc: 21.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: -0.001 min
Response: 48110797
Conc: 19.23 ng/ml