

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111124\
 Data File : PL092972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 20:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/12/2024
 Supervised By : Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:25:58 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...	3.542	2.779	55209221	59046240	22.532	21.699
28)	SA Decachlor...	9.062	7.920	39375238	53002059	20.459	19.420
Target Compounds							
2)	A alpha-BHC	3.998	3.282	38817725	41243610	11.445	10.336
3)	MA gamma-BHC...	4.331	3.612	36347129	38125449	11.151	9.878
6)	B beta-BHC	4.529	3.912	16936254	19209414	11.717	11.669
12)	B 4,4'-DDE	6.199	5.235	367720	519270	0.155m	0.161m
14)	MA Endrin	6.579	5.644	95224885	140.2E6	41.827	48.445
16)	A 4,4'-DDD	6.714	5.792	13610744	16137428	7.091	6.481
17)	MA 4,4'-DDT	7.029	6.042	171.4E6	257.0E6	82.830	95.829
18)	B Endrin al...	6.928	6.118	4877451	5304359	2.597	2.299
20)	A Methoxychlor	7.506	6.618	224.4E6	315.8E6	196.862	221.159
21)	B Endrin ke...	7.648	6.846	9532948	12164069	3.935	3.964

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

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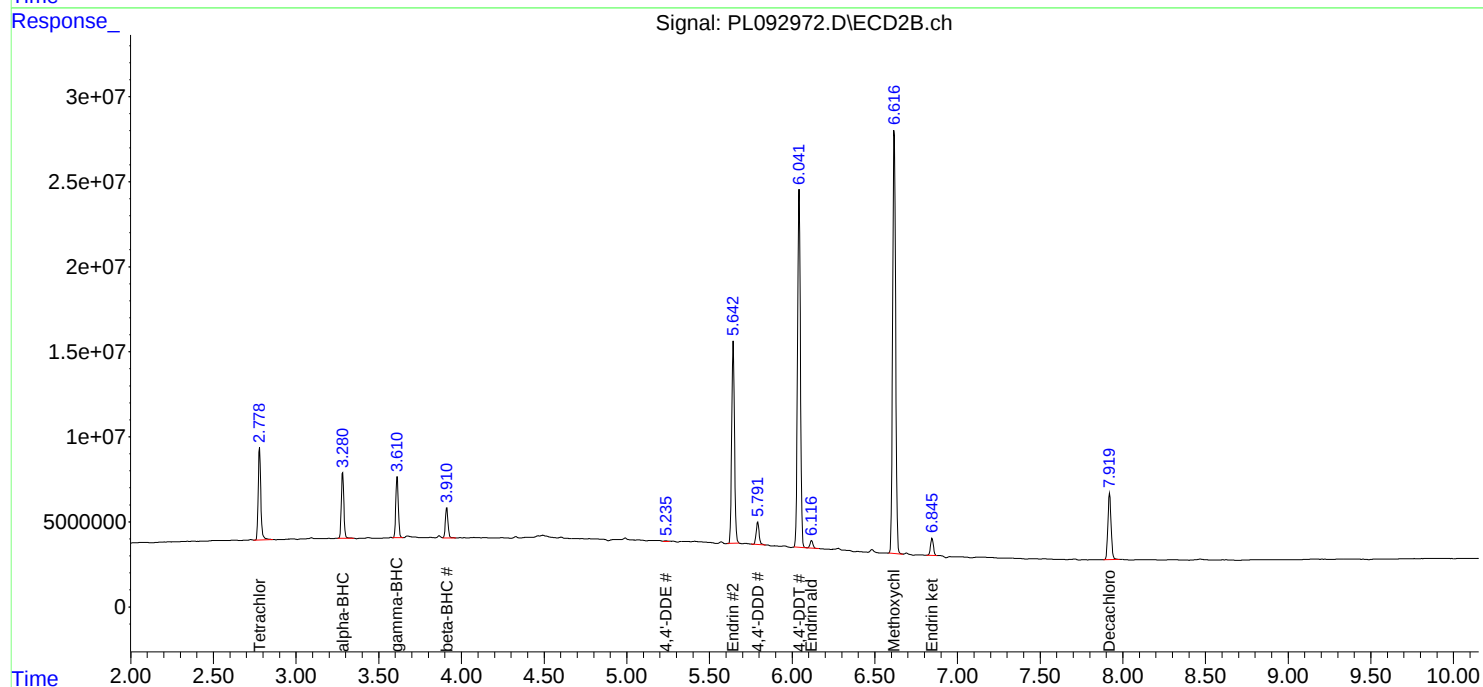
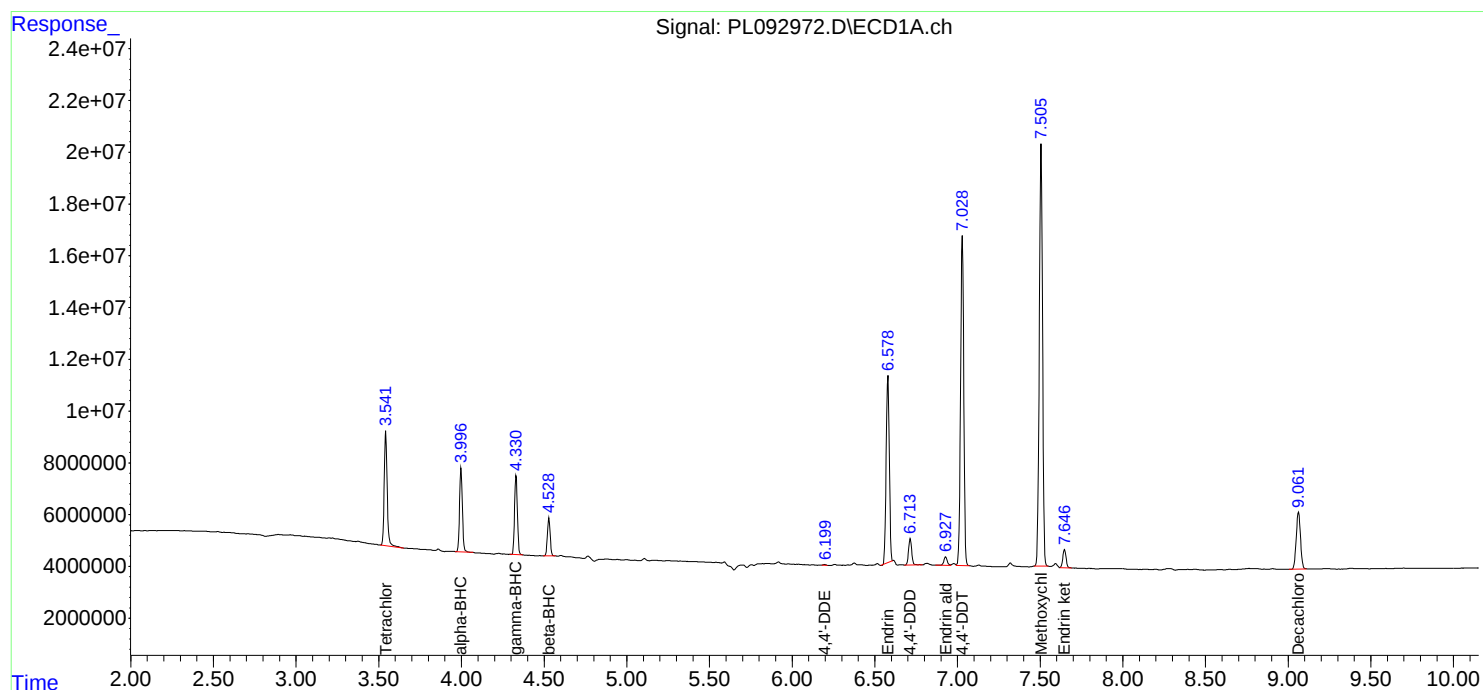
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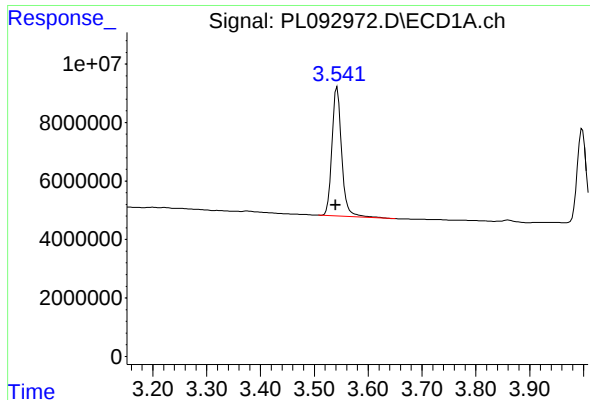
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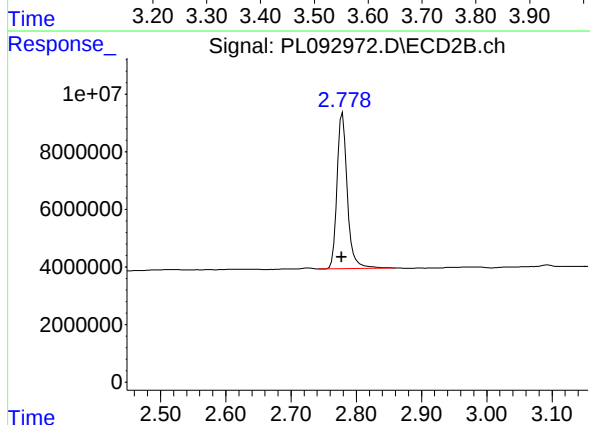
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 55209221
Conc: 22.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

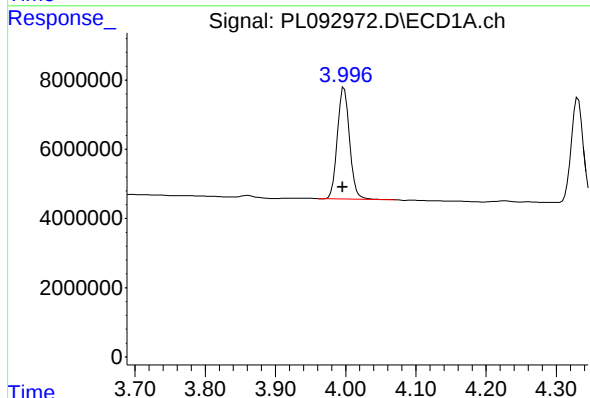
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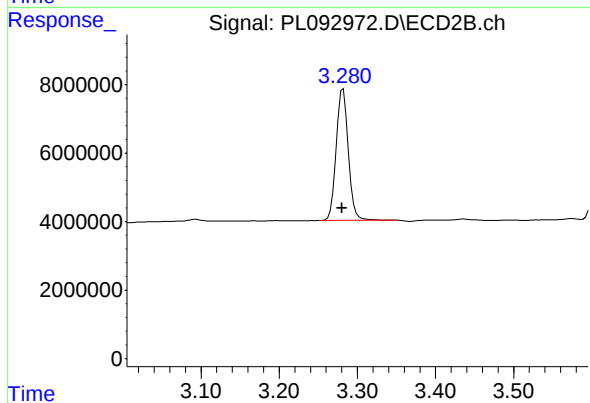
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.001 min
Response: 59046240
Conc: 21.70 ng/ml



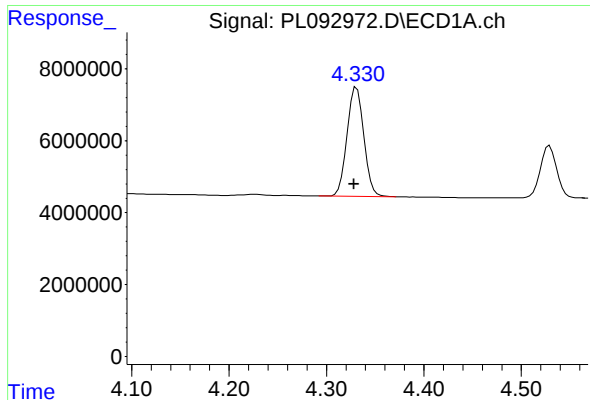
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 38817725
Conc: 11.45 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 41243610
Conc: 10.34 ng/ml



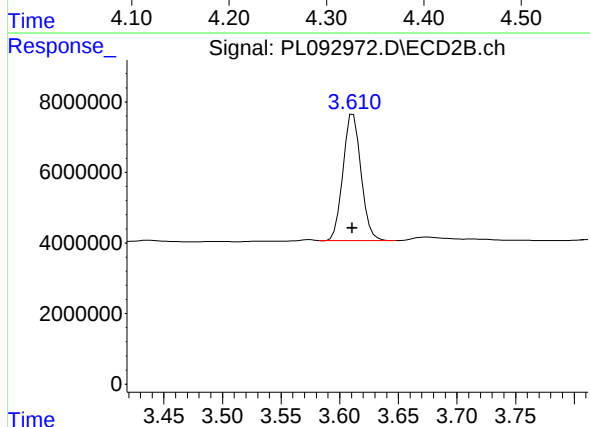
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 36347129
Conc: 11.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

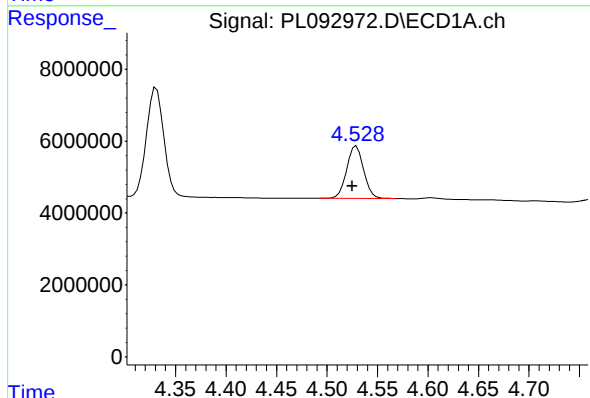
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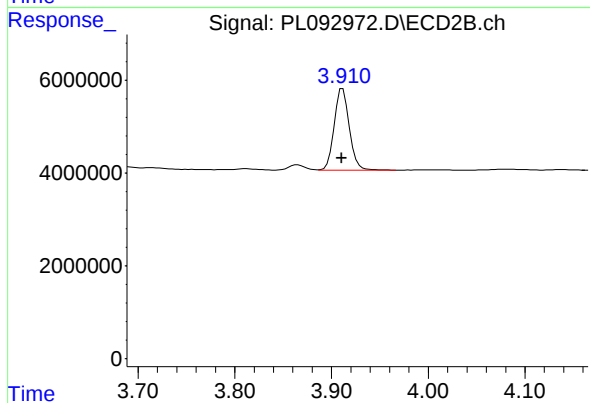
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 38125449
Conc: 9.88 ng/ml



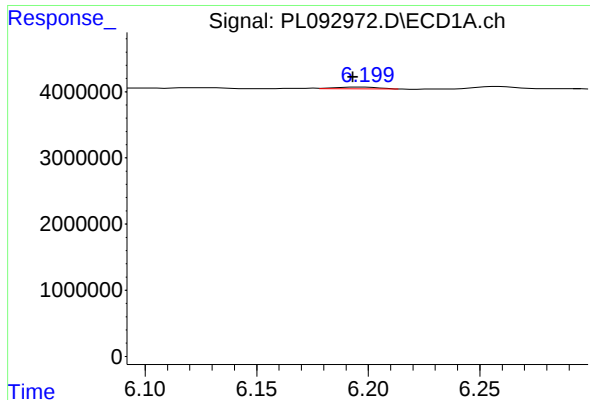
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 16936254
Conc: 11.72 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.001 min
Response: 19209414
Conc: 11.67 ng/ml



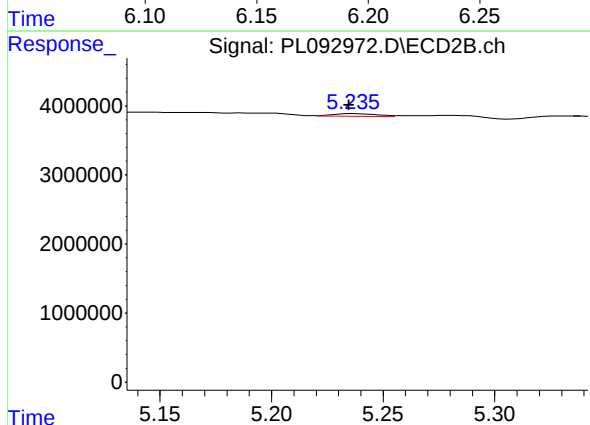
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.005 min
Response: 367720
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

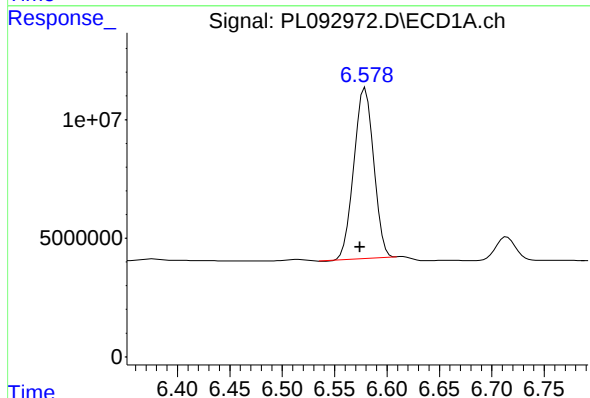
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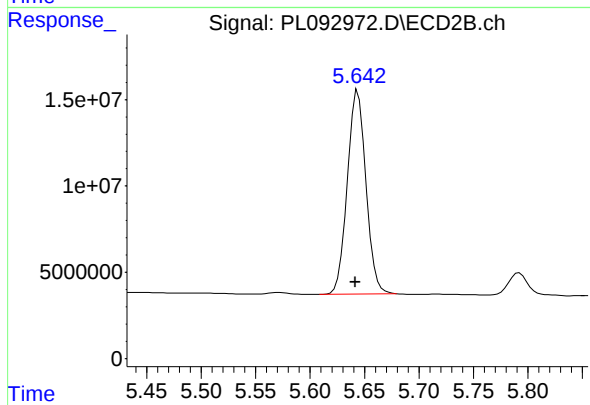
#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 519270
Conc: 0.16 ng/ml



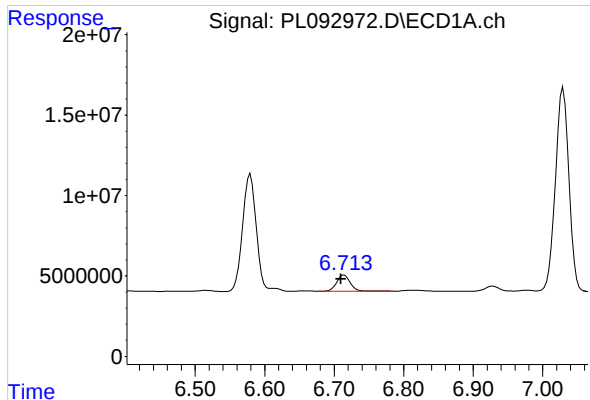
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 95224885
Conc: 41.83 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 140151010
Conc: 48.44 ng/ml



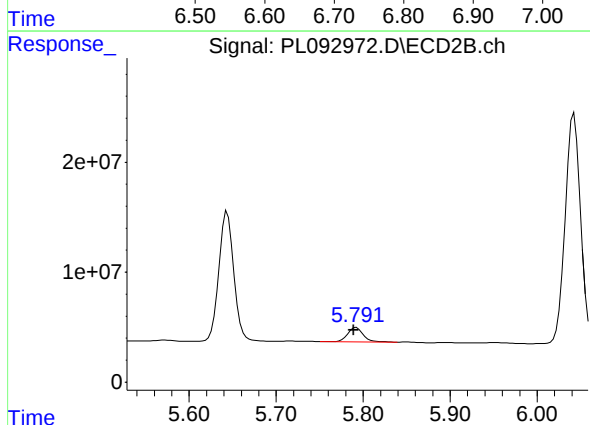
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 13610744
Conc: 7.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

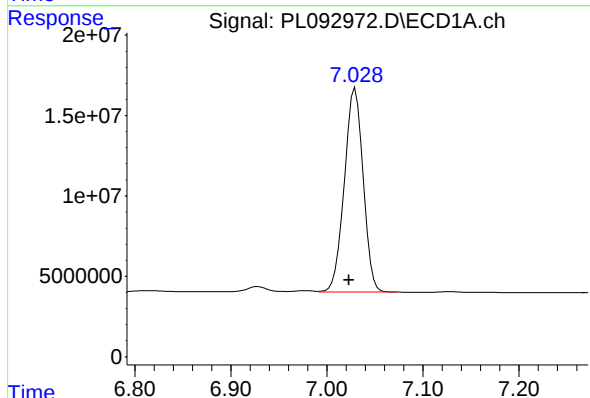
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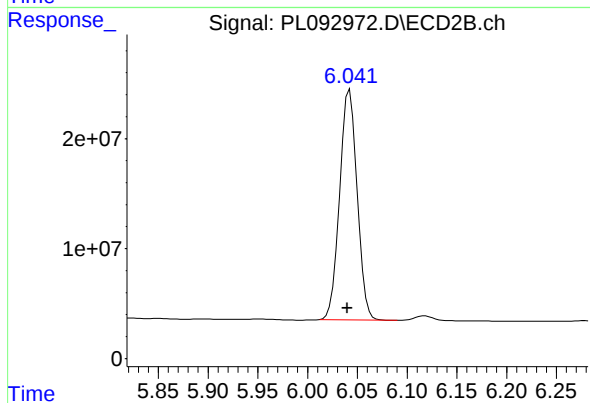
#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 16137428
Conc: 6.48 ng/ml



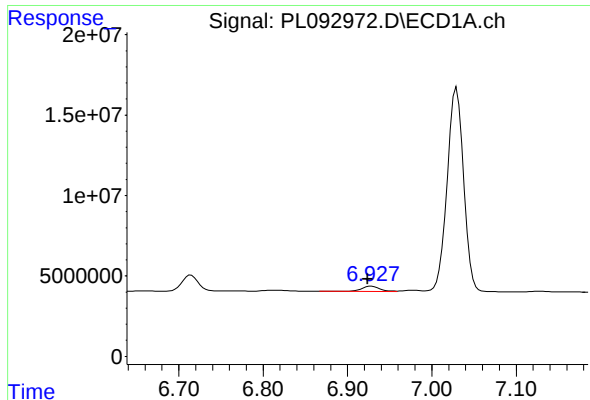
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.007 min
Response: 171437415
Conc: 82.83 ng/ml



#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 257038606
Conc: 95.83 ng/ml



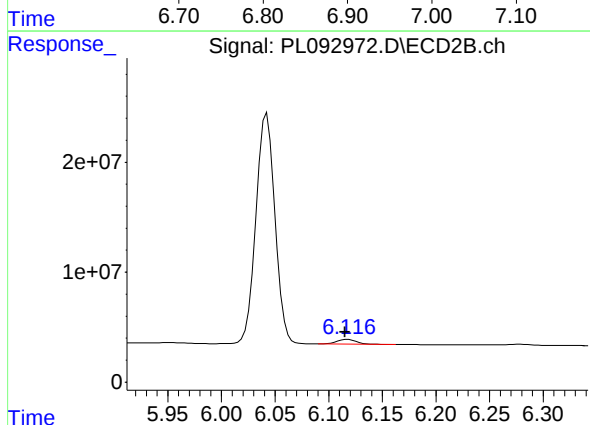
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 4877451
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

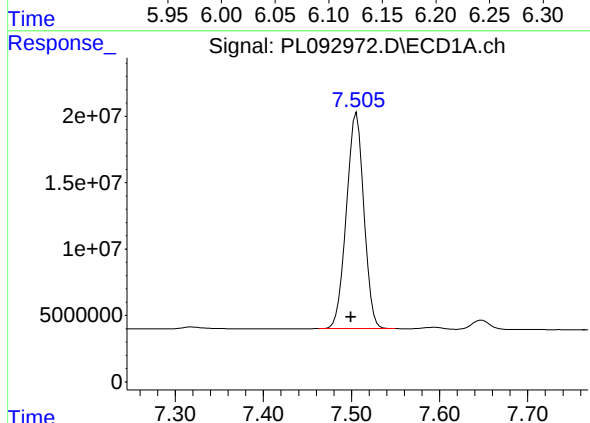
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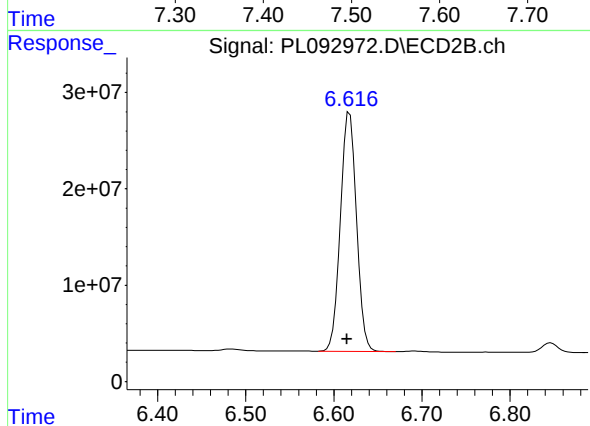
#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 5304359
Conc: 2.30 ng/ml



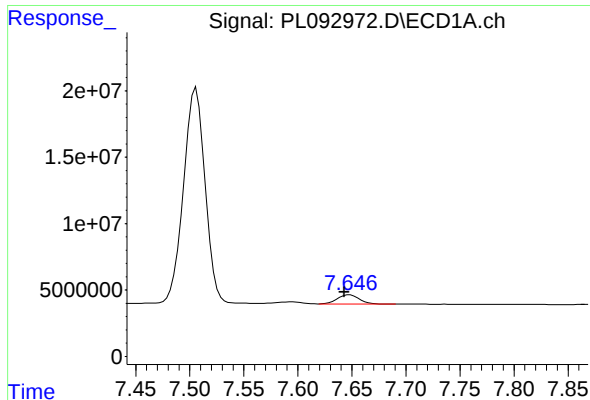
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.006 min
Response: 224422107
Conc: 196.86 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 315822032
Conc: 221.16 ng/ml



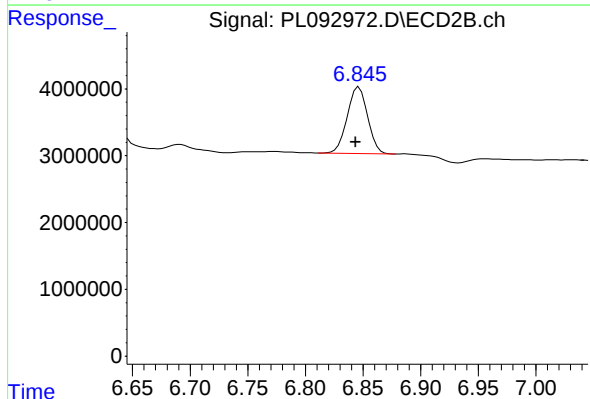
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 9532948
Conc: 3.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

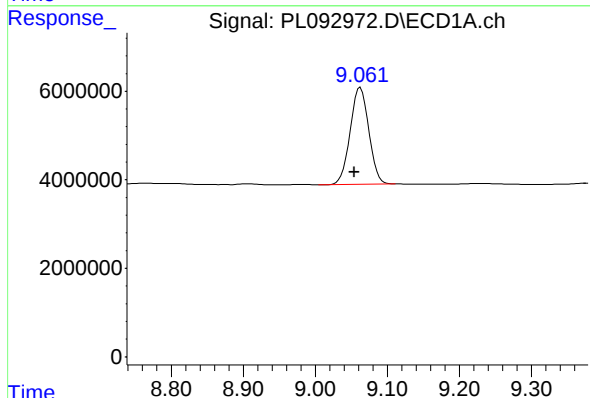
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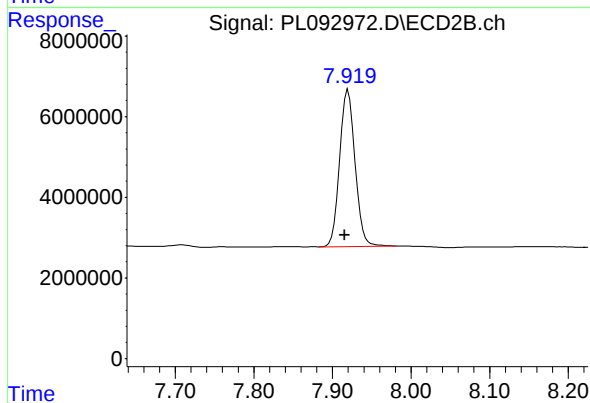
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 12164069
Conc: 3.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.008 min
Response: 39375238
Conc: 20.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 53002059
Conc: 19.42 ng/ml