

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102624\
 Data File : PL092638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2024 15:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 22:10:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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	2.781	50919144	55085841	18.902	19.833
28)	SA Decachlor...	9.059	7.919	39641871	56942606	19.517	21.610
Target Compounds							
2)	A alpha-BHC	3.998	3.283	36628371	38859323	8.888	9.005
3)	MA gamma-BHC...	4.330	3.613	34453173	36398658	8.956	8.839
6)	B beta-BHC	4.528	3.913	16533294	17970903	10.651	10.293
12)	B 4,4'-DDE	6.197	5.230	324190	696867	0.109m	0.200m#
14)	MA Endrin	6.576	5.644	103.8E6	144.8E6	36.766m	44.223
16)	A 4,4'-DDD	6.713	5.792	3214206	3288224	1.330	1.184
17)	MA 4,4'-DDT	7.027	6.042	190.8E6	292.2E6	77.378	99.501 #
18)	B Endrin al...	6.928	6.117	2600994	3973832	1.218	1.618 #
20)	A Methoxychlor	7.503	6.617	246.1E6	349.5E6	208.952	246.503
21)	B Endrin ke...	7.646	6.846	5949931	7076835	2.164	2.203

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

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Acq On : 25 Oct 2024 15:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

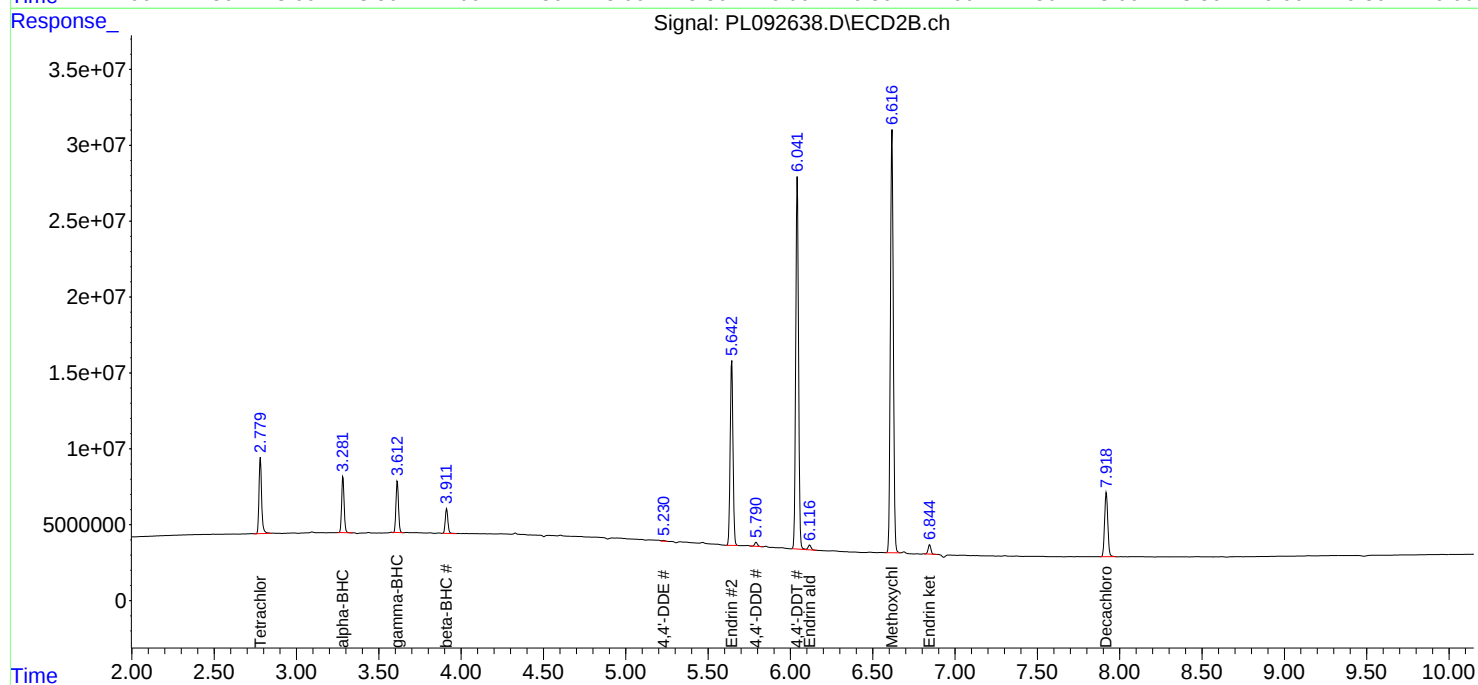
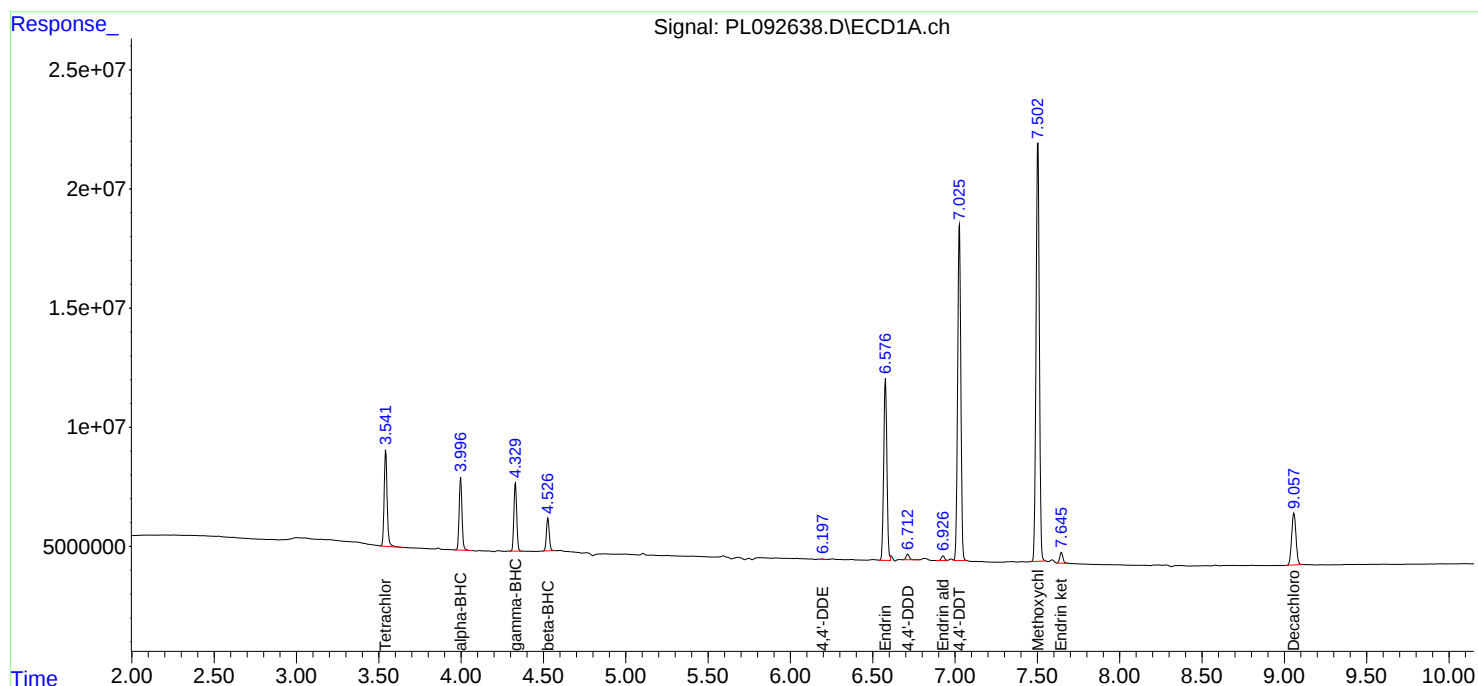
Instrument :
ECD_L
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PEM

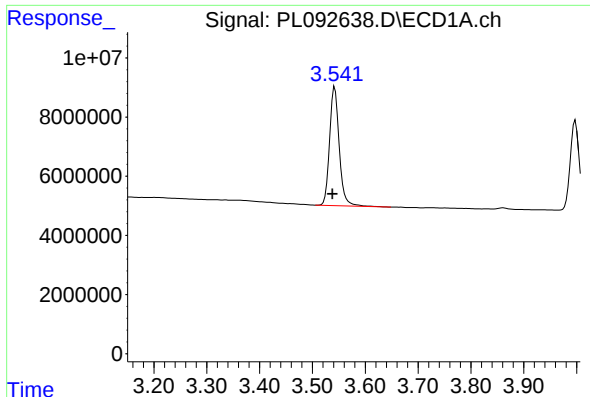
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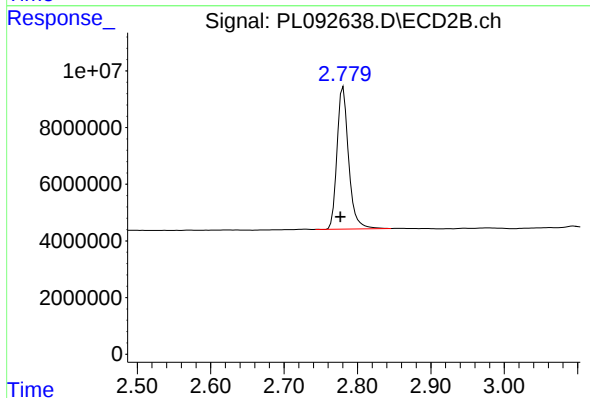
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.004 min
Response: 50919144
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

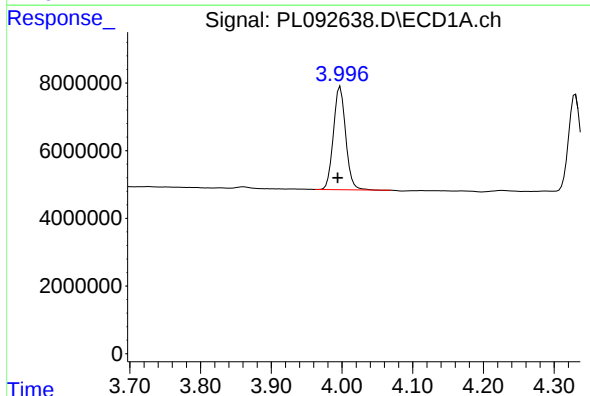
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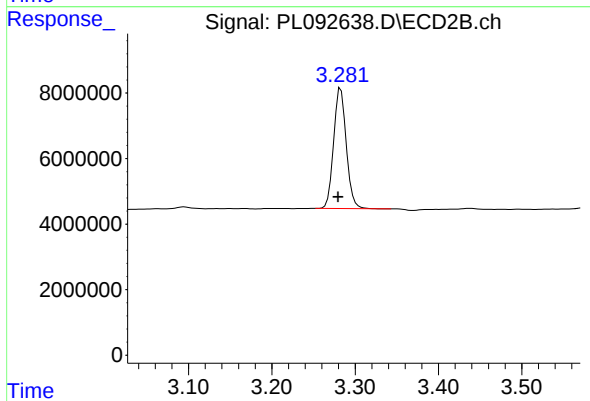
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.004 min
Response: 55085841
Conc: 19.83 ng/ml



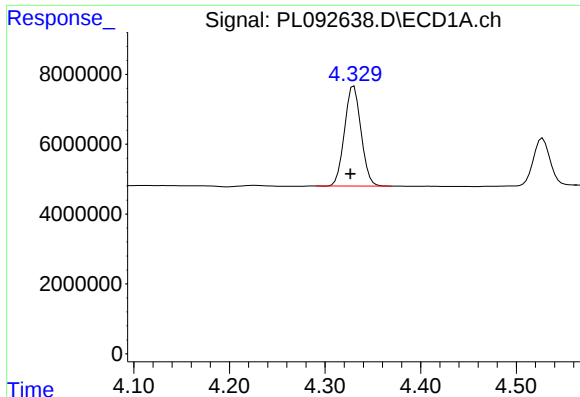
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.004 min
Response: 36628371
Conc: 8.89 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: 0.003 min
Response: 38859323
Conc: 9.01 ng/ml



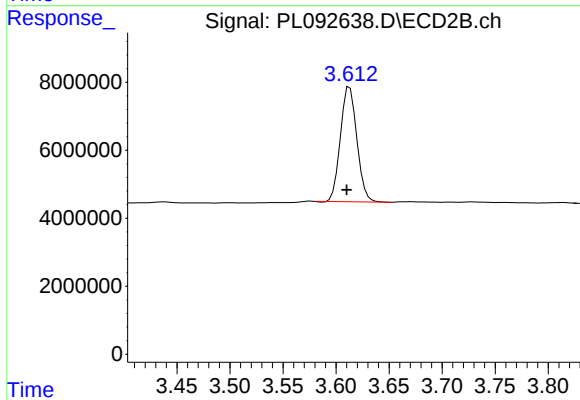
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 34453173
Conc: 8.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

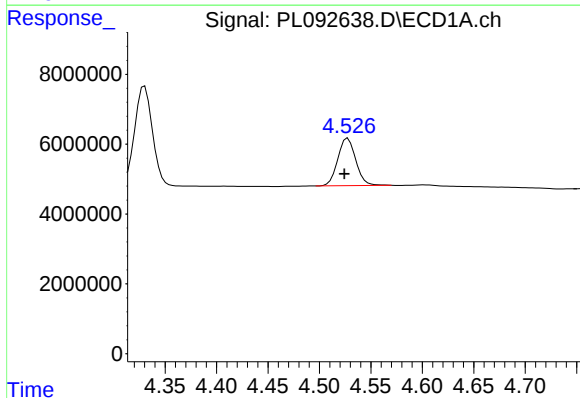
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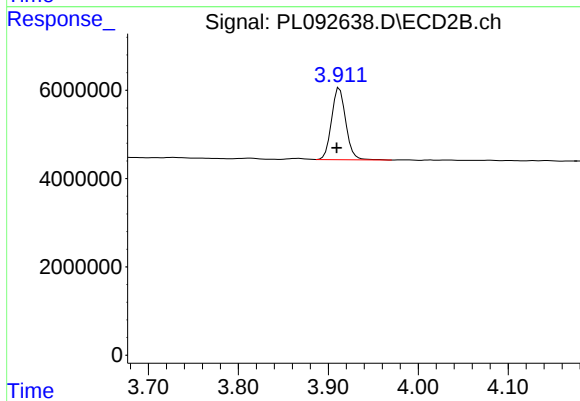
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: 0.003 min
Response: 36398658
Conc: 8.84 ng/ml



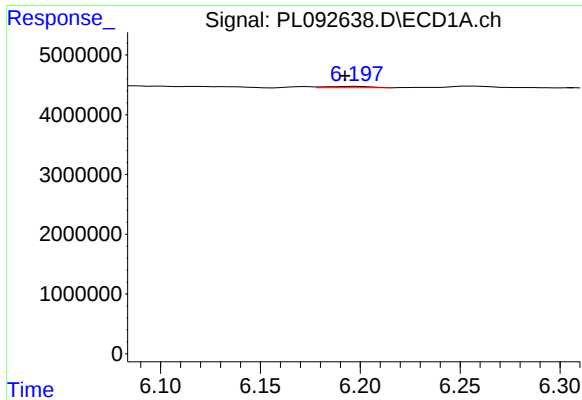
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 16533294
Conc: 10.65 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: 0.003 min
Response: 17970903
Conc: 10.29 ng/ml



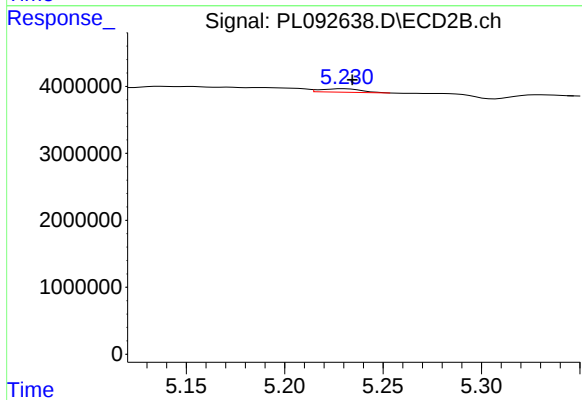
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.005 min
Response: 324190
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

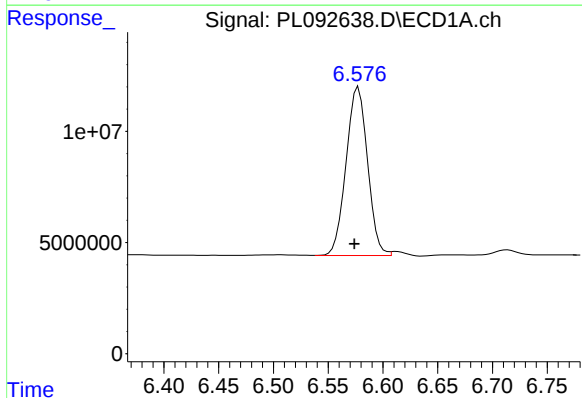
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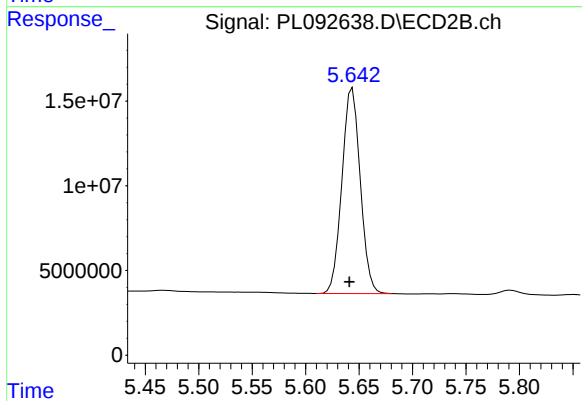
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.004 min
Response: 696867
Conc: 0.20 ng/ml m



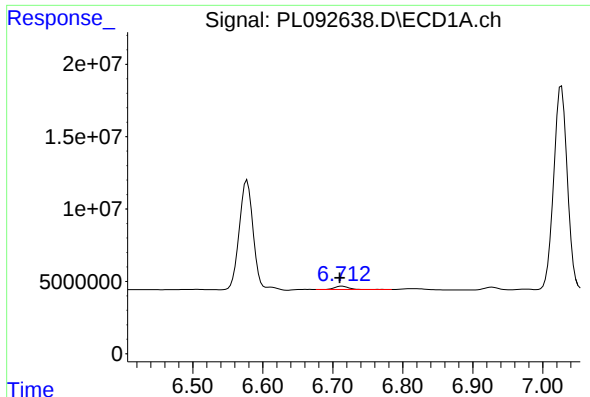
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 103818975
Conc: 36.77 ng/ml m



#14 Endrin

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 144825767
Conc: 44.22 ng/ml



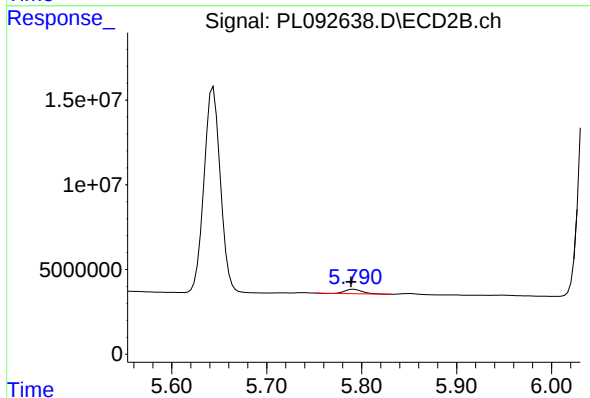
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 3214206
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

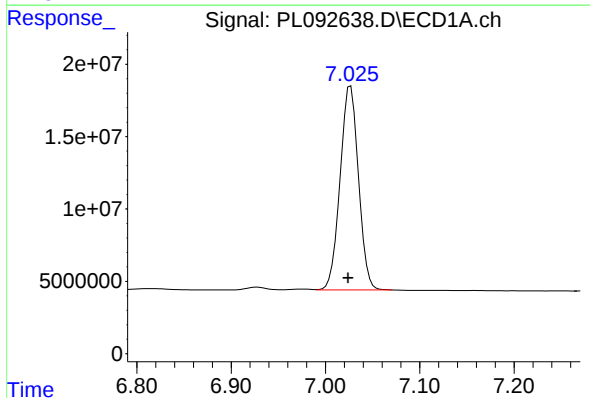
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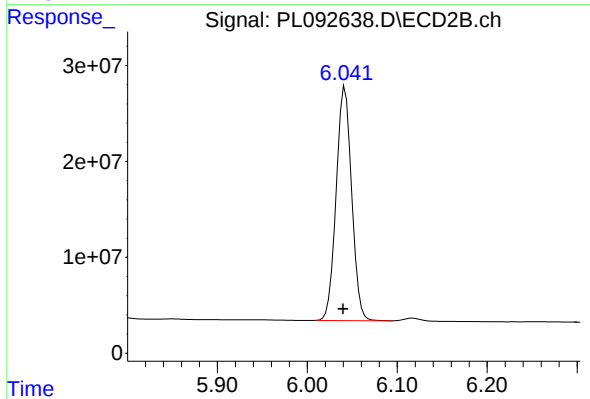
#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 3288224
Conc: 1.18 ng/ml



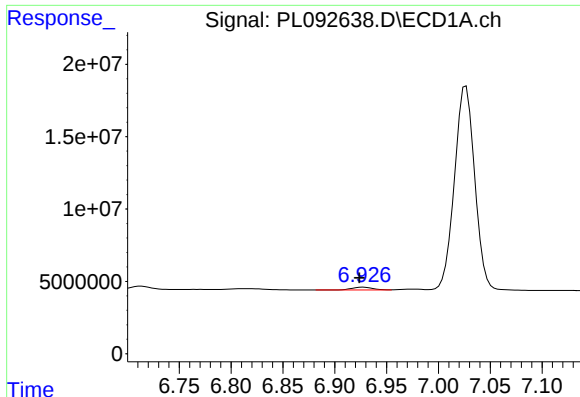
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.003 min
Response: 190818804
Conc: 77.38 ng/ml



#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 292230706
Conc: 99.50 ng/ml



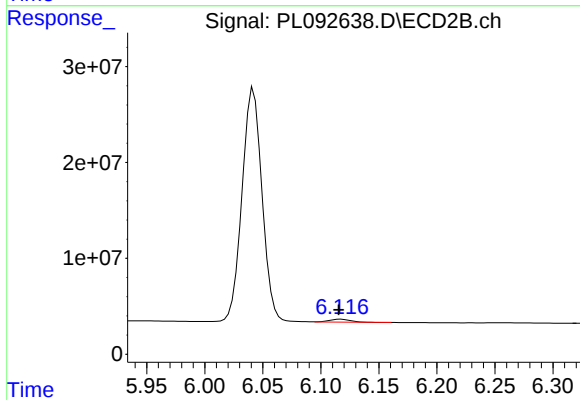
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 2600994
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

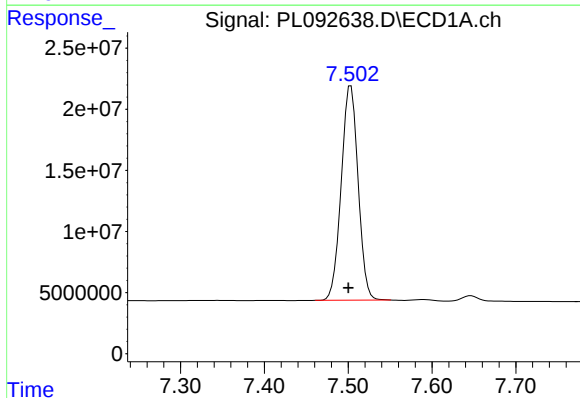
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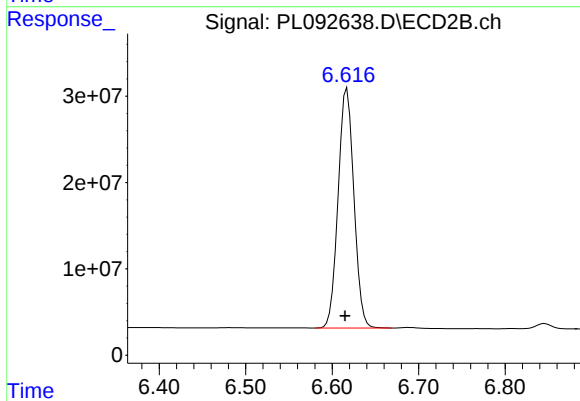
#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 3973832
Conc: 1.62 ng/ml



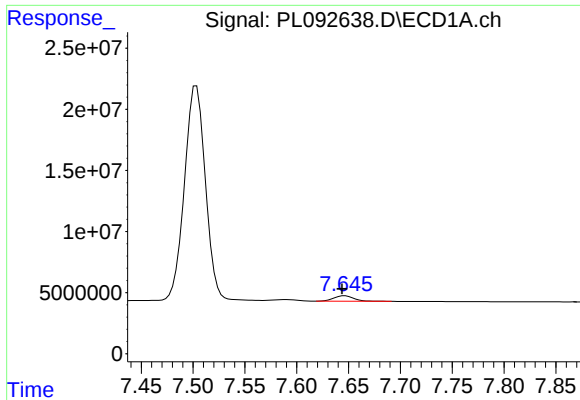
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 246084895
Conc: 208.95 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 349509213
Conc: 246.50 ng/ml



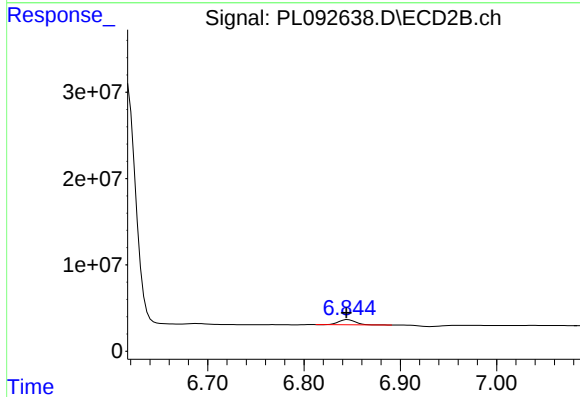
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 5949931
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

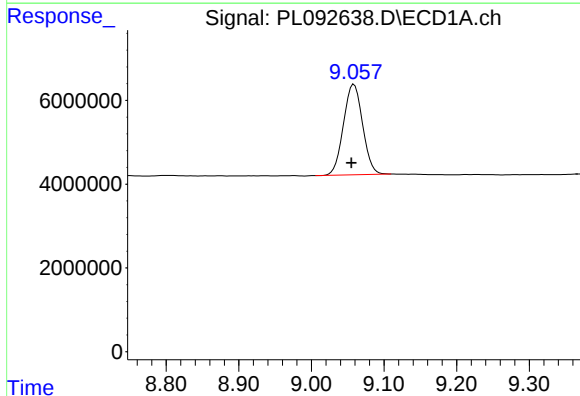
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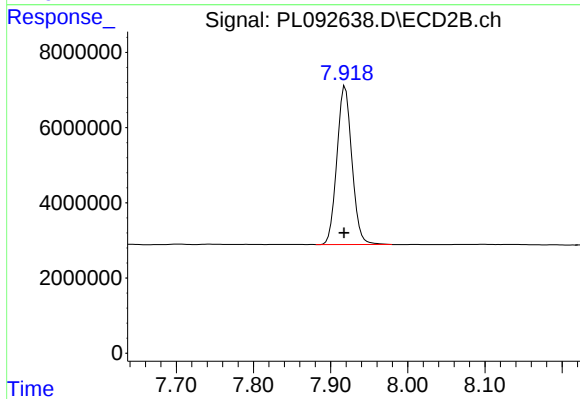
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 7076835
Conc: 2.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 39641871
Conc: 19.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.002 min
Response: 56942606
Conc: 21.61 ng/ml