

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2024 01:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:13:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.552	2.786	44348851	42584911	20.654	21.816
28)	SA Decachlor...	9.069	7.928	30750026	30768103	20.170	16.244m
Target Compounds							
2)	A alpha-BHC	4.008	3.289	31569162	28145811	10.531	10.148
3)	MA gamma-BHC...	4.340	3.619	29815420	26417751	10.393	10.030
6)	B beta-BHC	4.537	3.917	14625893	13107538	10.815	11.136
14)	MA Endrin	6.586	5.653	83420806	96697266	43.017m	47.467
16)	A 4,4'-DDD	6.720	5.800	2785678	2546706	1.843m	1.543
17)	MA 4,4'-DDT	7.036	6.051	151.5E6	183.3E6	85.371	103.212
18)	B Endrin al...	6.936	6.126	2272563	2364963	1.424	1.518
20)	A Methoxychlor	7.511	6.627	199.7E6	212.8E6	212.409	214.259
21)	B Endrin ke...	7.653	6.855	4963061	4875293	2.364m	2.238

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

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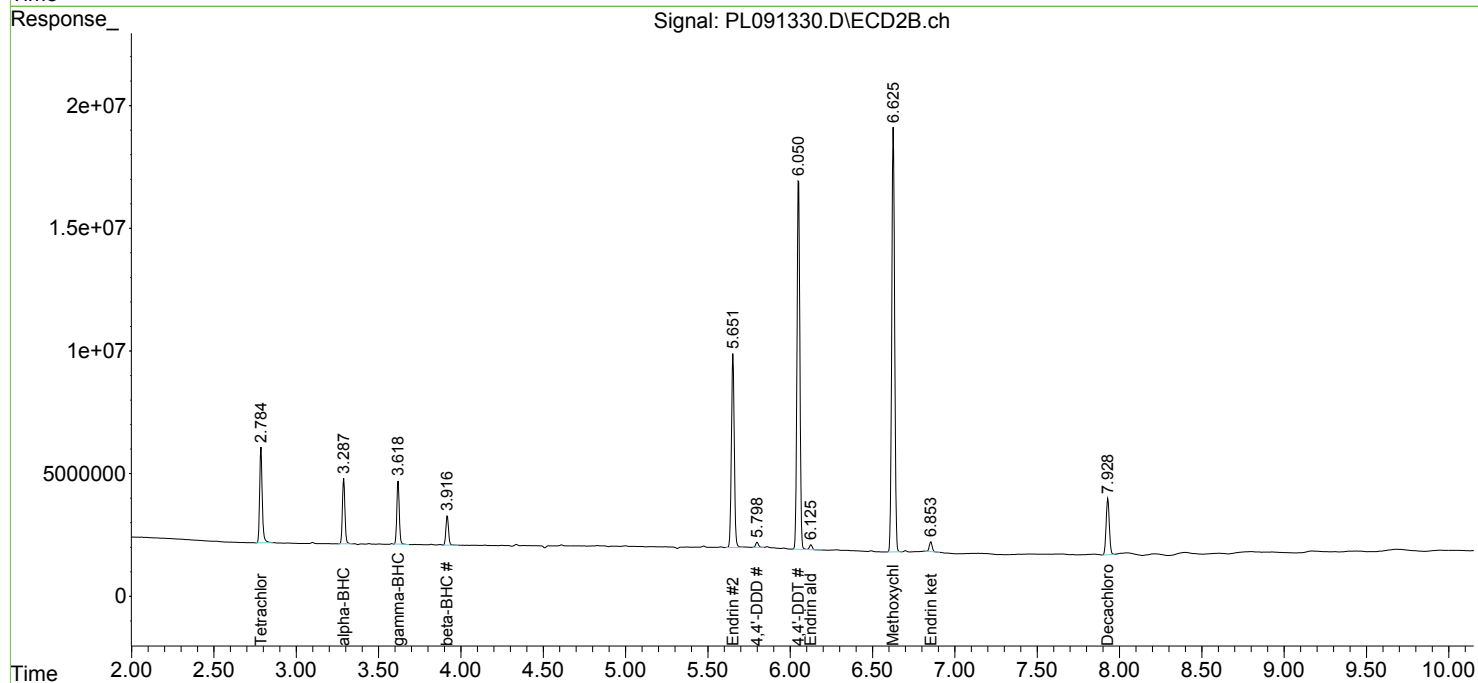
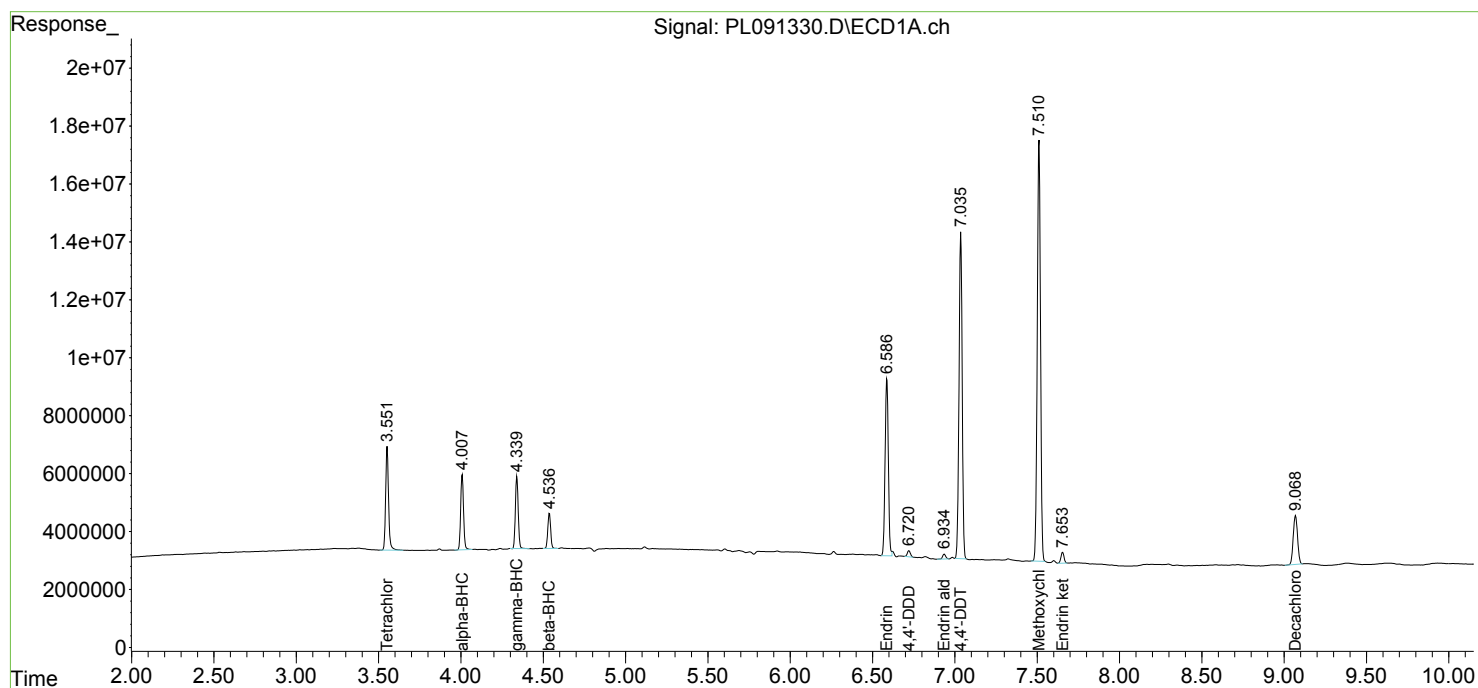
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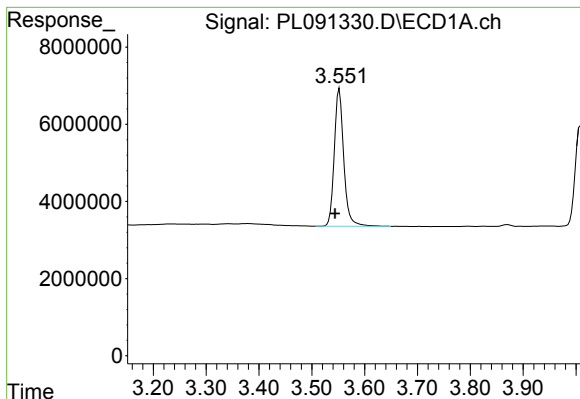
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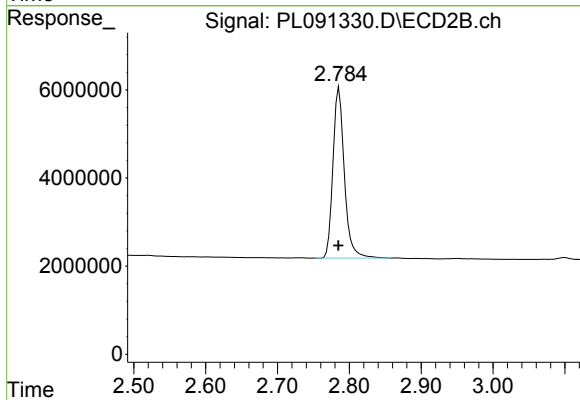
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.008 min
Response: 44348851
Conc: 20.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

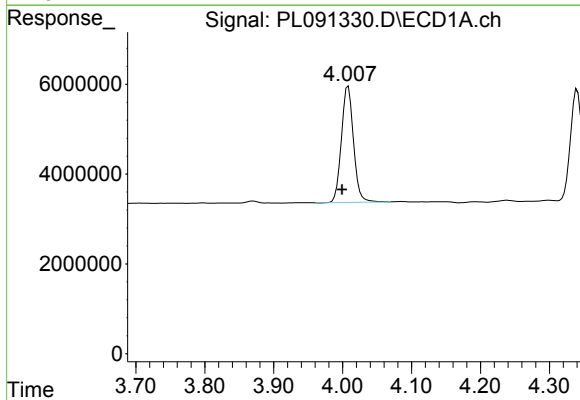
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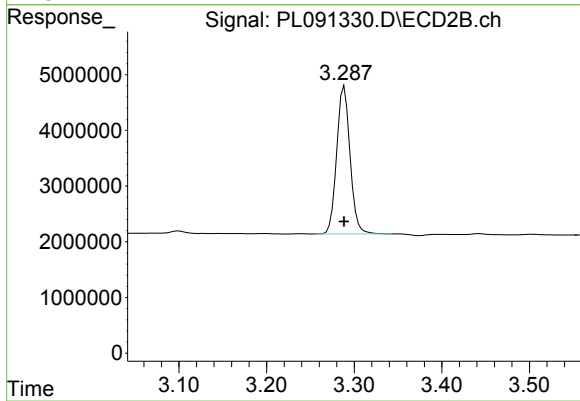
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 42584911
Conc: 21.82 ng/ml



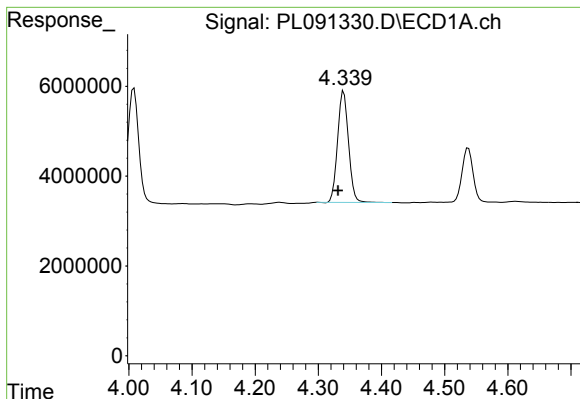
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.009 min
Response: 31569162
Conc: 10.53 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 28145811
Conc: 10.15 ng/ml



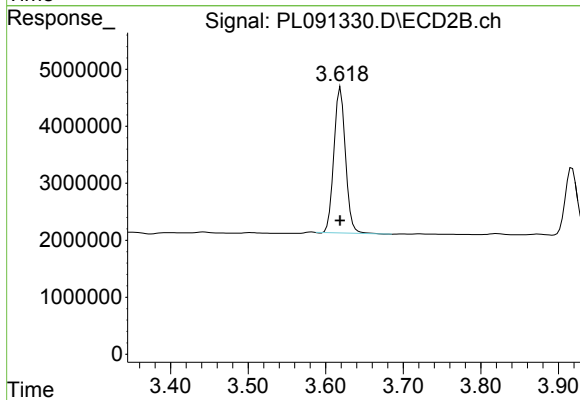
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.009 min
Response: 29815420
Conc: 10.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

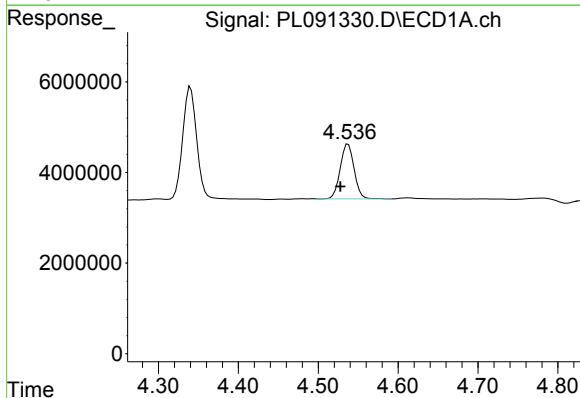
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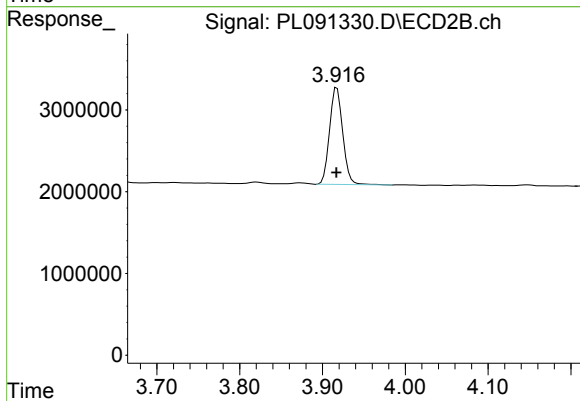
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 26417751
Conc: 10.03 ng/ml



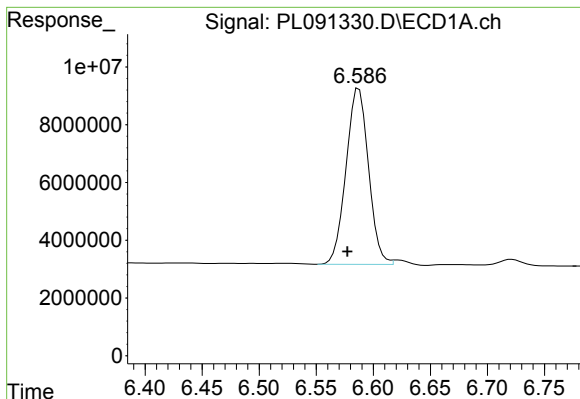
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.010 min
Response: 14625893
Conc: 10.82 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 13107538
Conc: 11.14 ng/ml



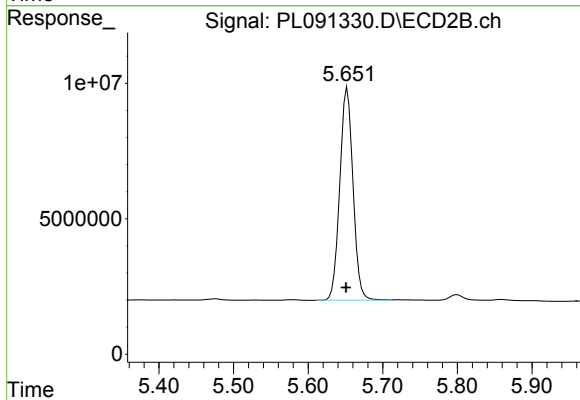
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.009 min
Response: 83420806
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

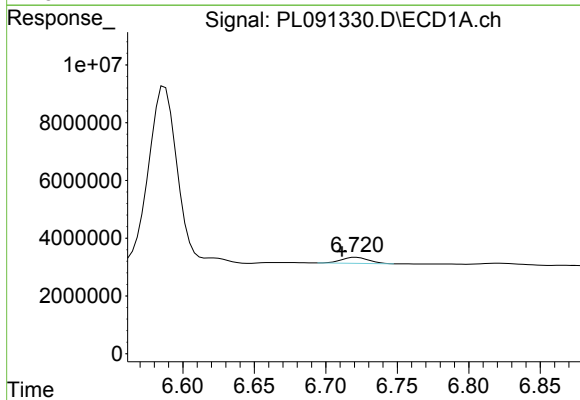
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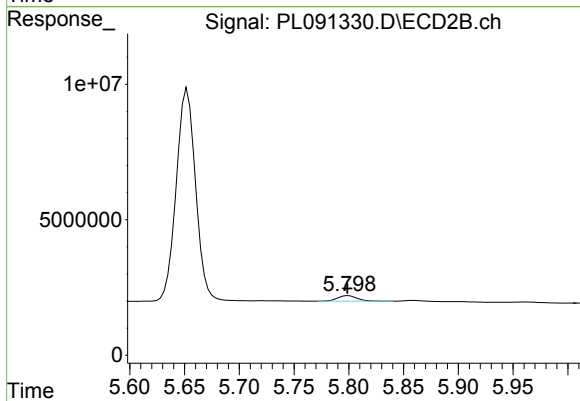
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.001 min
Response: 96697266
Conc: 47.47 ng/ml



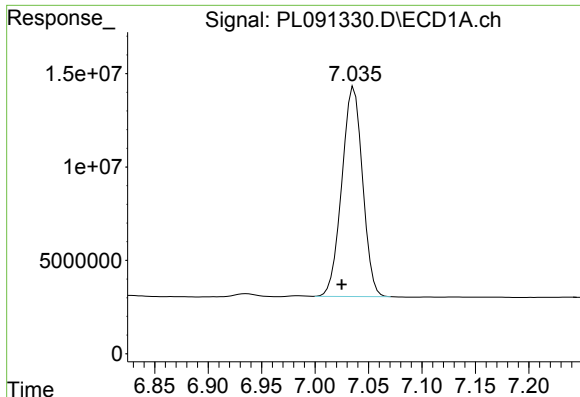
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.009 min
Response: 2785678
Conc: 1.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 2546706
Conc: 1.54 ng/ml



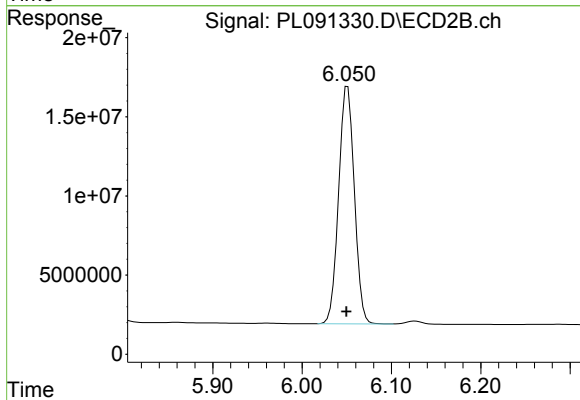
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.011 min
Response: 151539213
Conc: 85.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

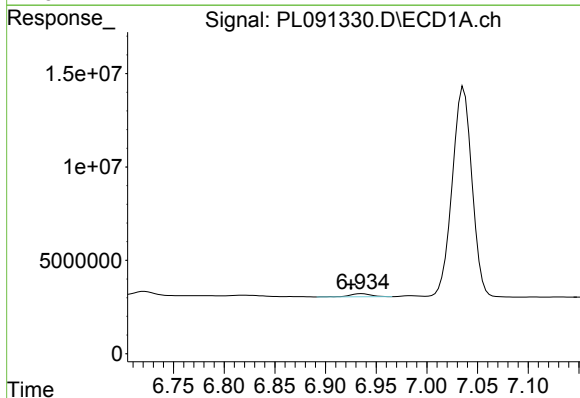
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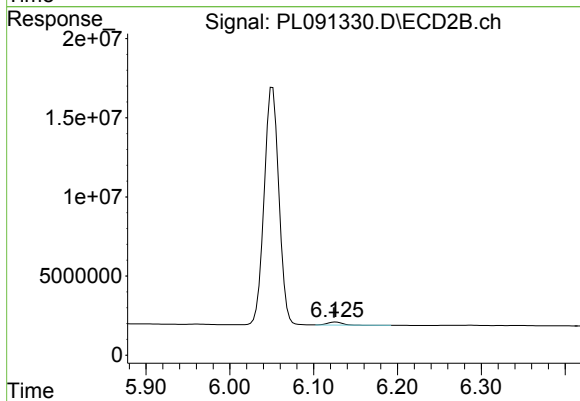
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.002 min
Response: 183345964
Conc: 103.21 ng/ml



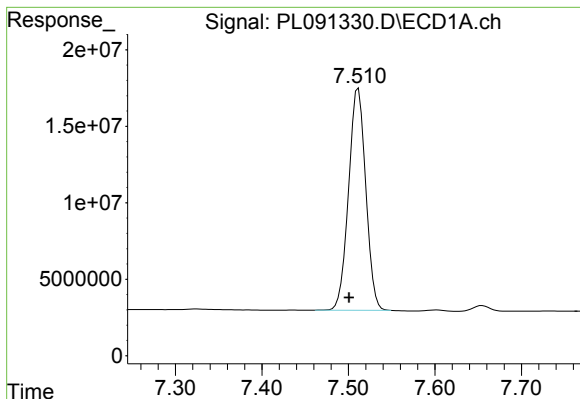
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.010 min
Response: 2272563
Conc: 1.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: 0.002 min
Response: 2364963
Conc: 1.52 ng/ml



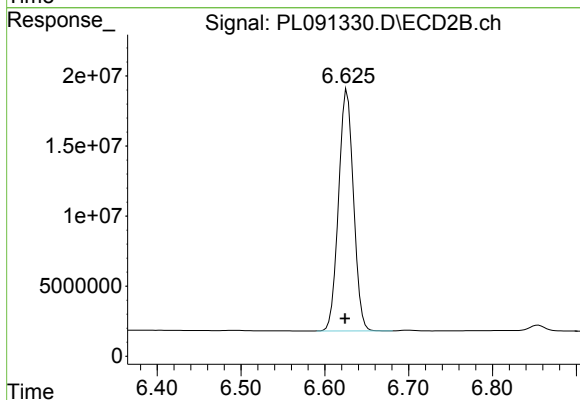
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.011 min
Response: 199720553
Conc: 212.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

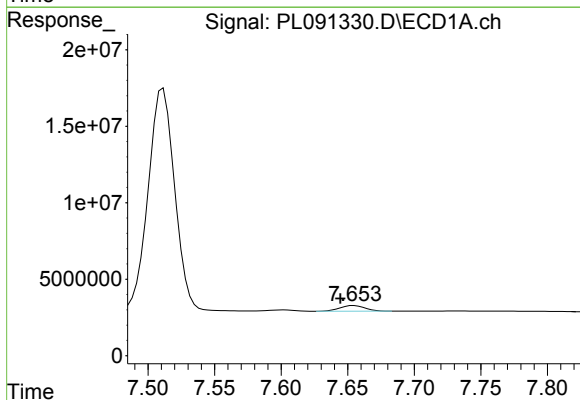
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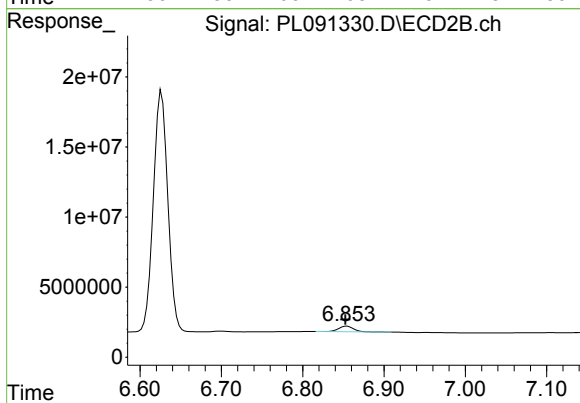
#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 212755858
Conc: 214.26 ng/ml



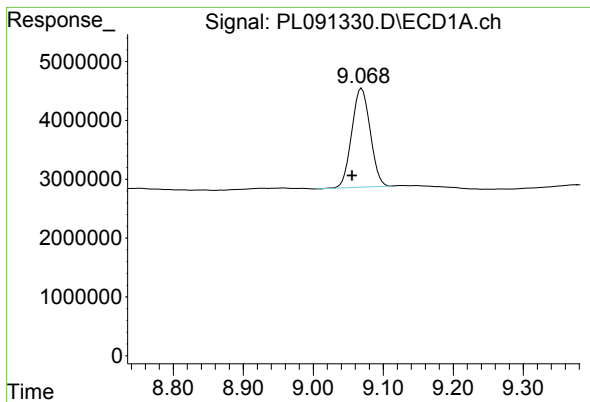
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.009 min
Response: 4963061
Conc: 2.36 ng/ml m



#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 4875293
Conc: 2.24 ng/ml



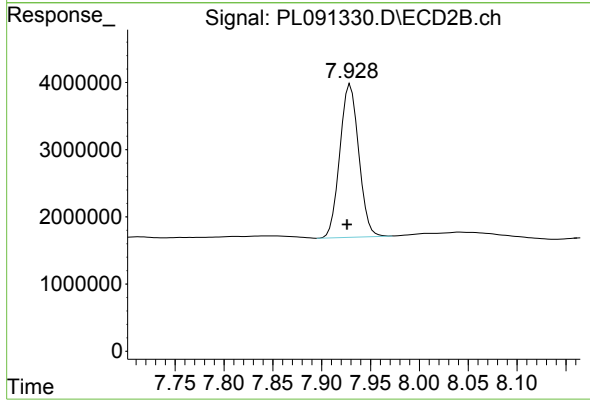
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.014 min
Response: 30750026
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 30768103
Conc: 16.24 ng/ml m