

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
 Data File : PL088704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2024 09:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/22/2024
 Supervised By : Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:11:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.635	2.852	57152378	26857011	21.567	20.152
28)	SA Decachlor...	9.303	8.081	50818990	29142626	20.559	21.493
Target Compounds							
2)	A alpha-BHC	4.099	3.365	39333900	17449114	9.854	8.683m
3)	MA gamma-BHC...	4.439	3.703	38360468	17051189	9.891	8.885
6)	B beta-BHC	4.636	4.005	19806297	8906467	11.168	10.390
12)	B 4,4'-DDE	6.330	5.361	559516	388584	0.187m	0.266 #
14)	MA Endrin	6.719	5.772	123.8E6	65732901	45.296	45.603
16)	A 4,4'-DDD	6.854	5.922	8078890	4000141	3.172	3.212
17)	MA 4,4'-DDT	7.173	6.177	258.7E6	138.7E6	97.046	103.336
18)	B Endrin al...	7.072	6.253	3938556	2643365	1.886	2.522 #
20)	A Methoxychlor	7.653	6.761	342.9E6	180.7E6	227.609	225.336
21)	B Endrin ke...	7.800	6.989	10615396	6662048	3.591	4.036

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

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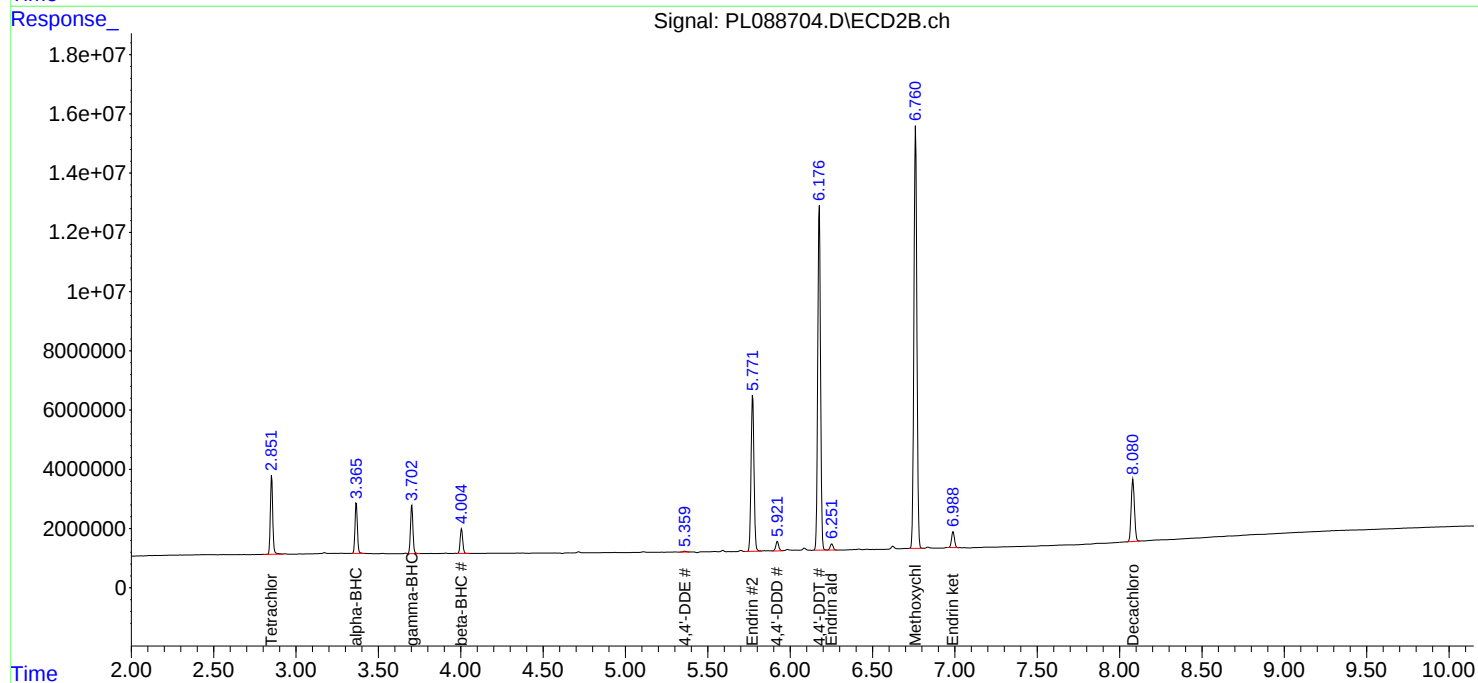
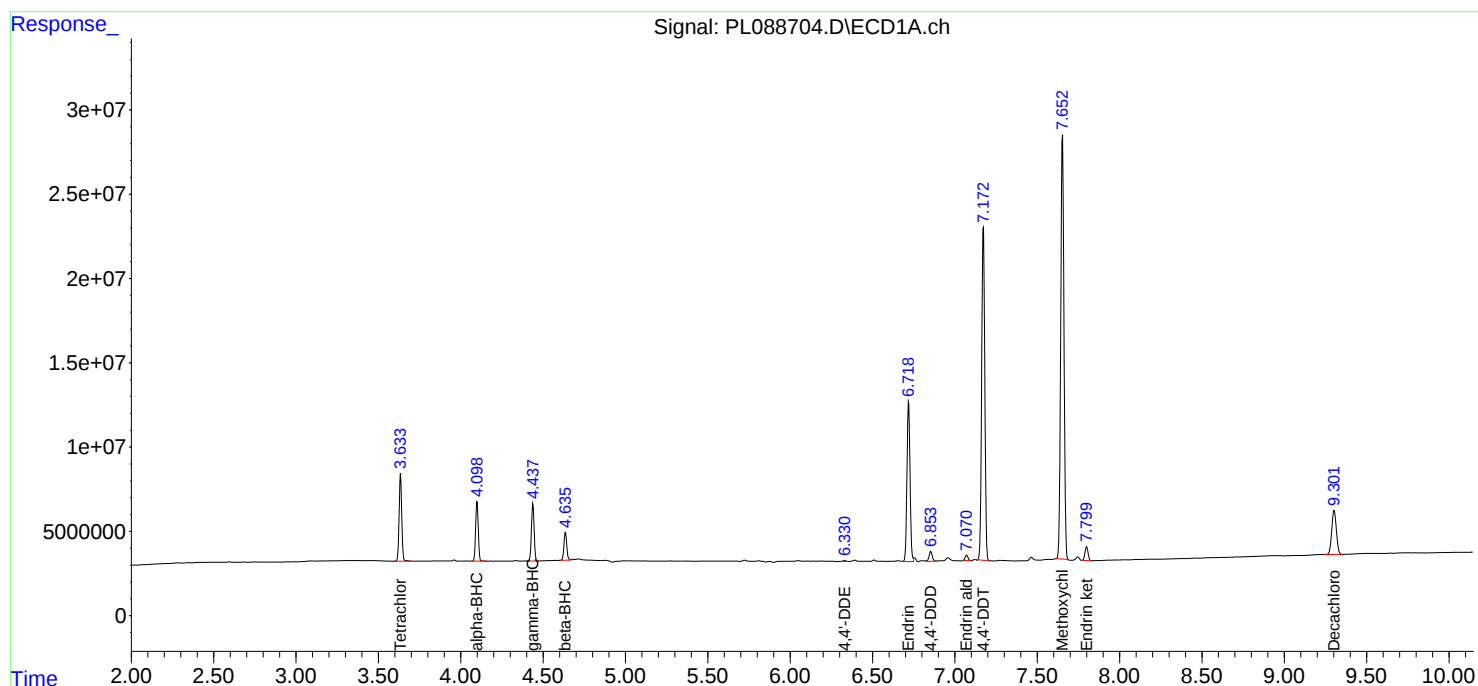
Instrument :
ECD_L
ClientSampleId :
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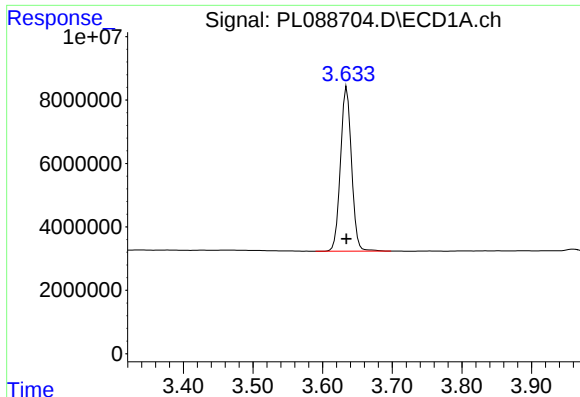
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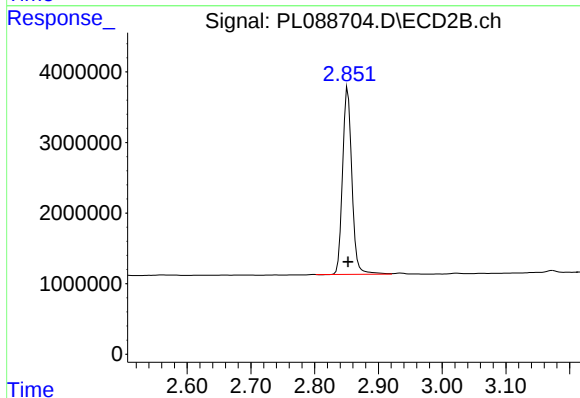
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57152378
Conc: 21.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

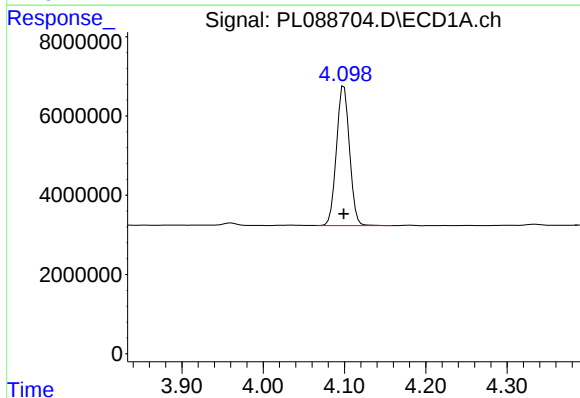
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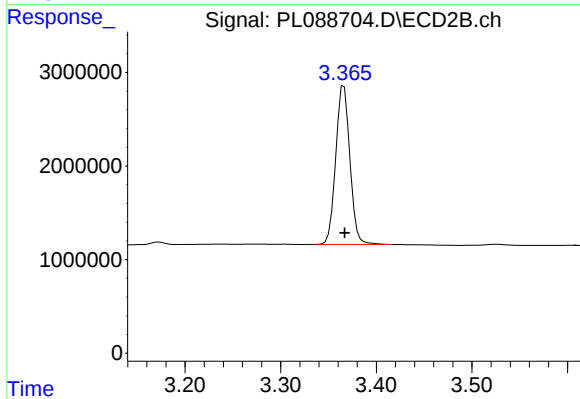
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26857011
Conc: 20.15 ng/ml



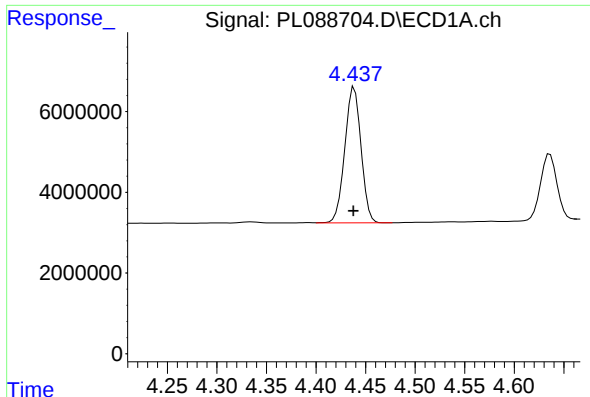
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39333900
Conc: 9.85 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 17449114
Conc: 8.68 ng/ml m



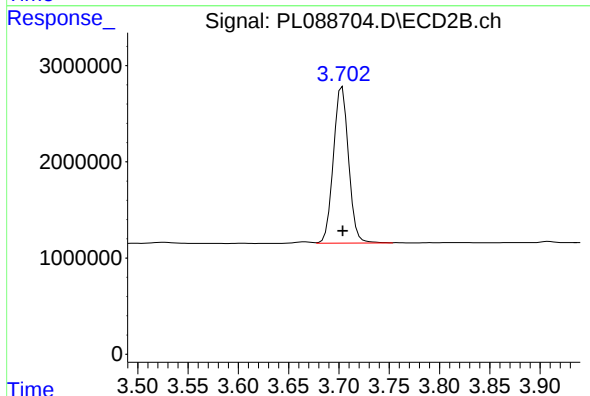
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 38360468
Conc: 9.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

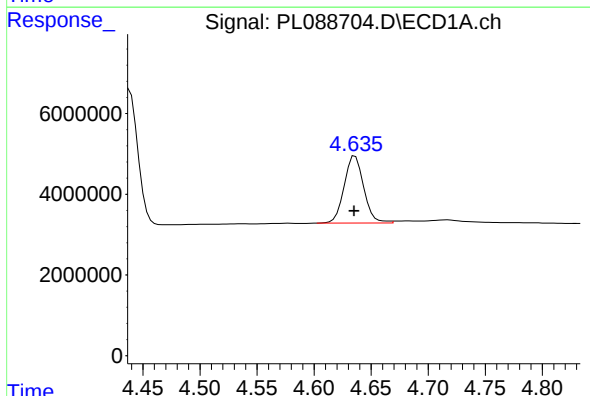
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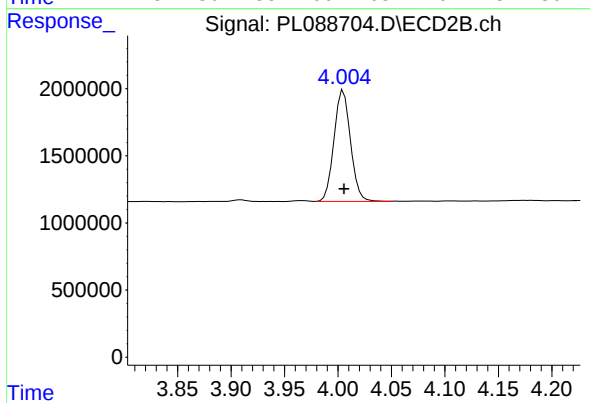
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 17051189
Conc: 8.88 ng/ml



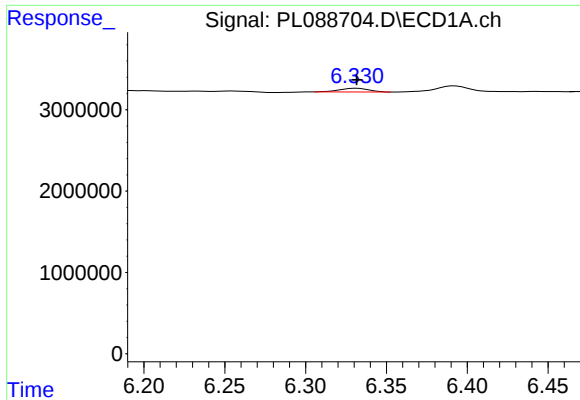
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.001 min
Response: 19806297
Conc: 11.17 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8906467
Conc: 10.39 ng/ml



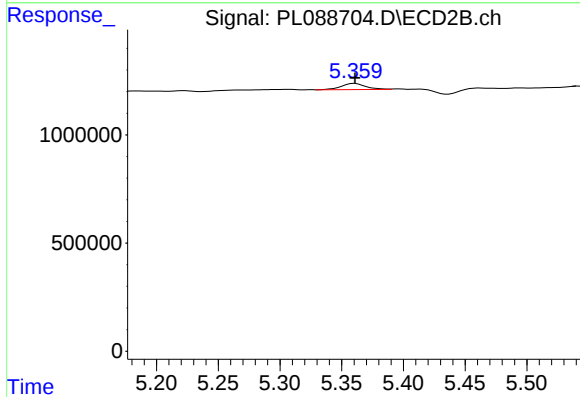
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 559516
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

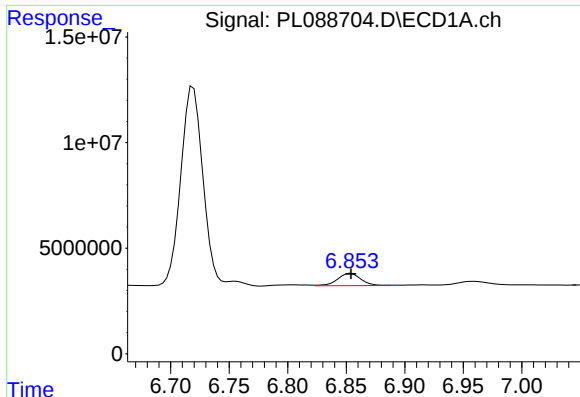
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 388584
Conc: 0.27 ng/ml

#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 123826585
Conc: 45.30 ng/ml

#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 65732901
Conc: 45.60 ng/ml



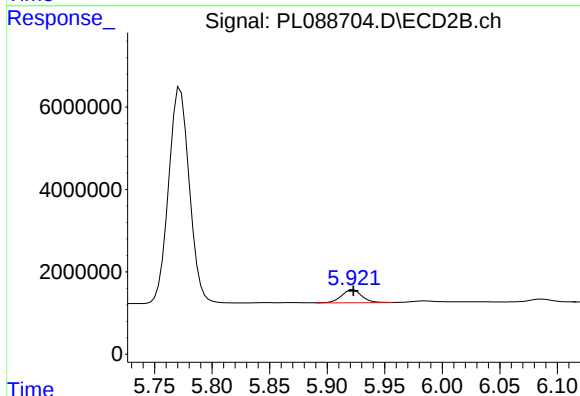
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 8078890
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

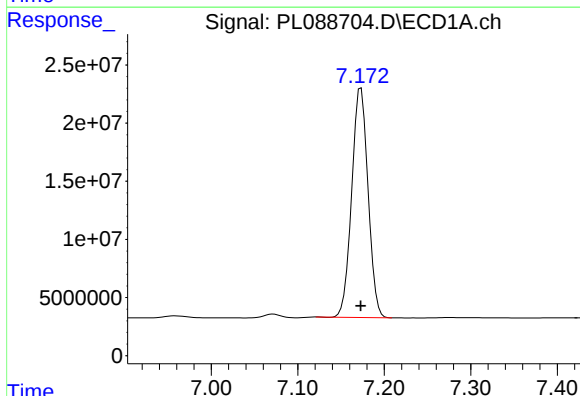
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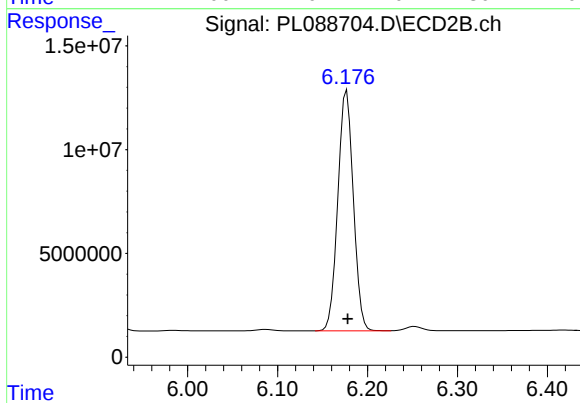
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 4000141
Conc: 3.21 ng/ml



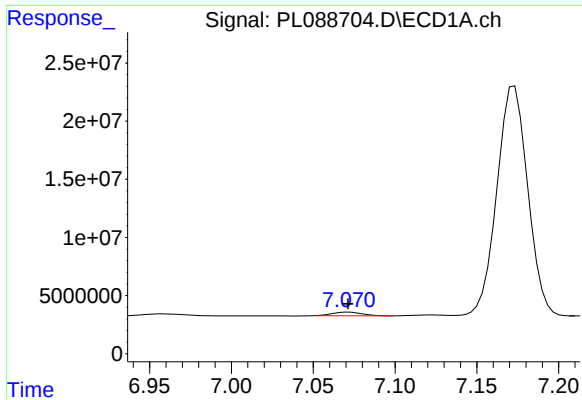
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 258673888
Conc: 97.05 ng/ml



#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 138697595
Conc: 103.34 ng/ml



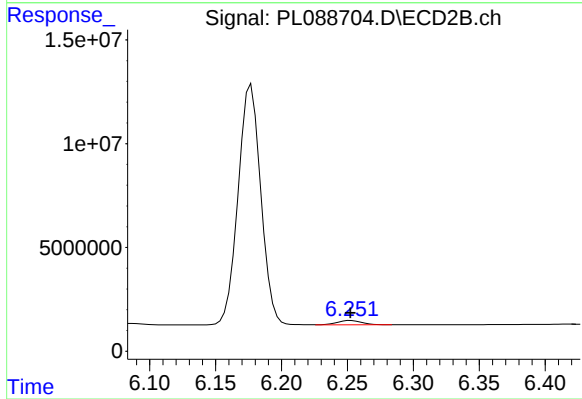
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 3938556
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

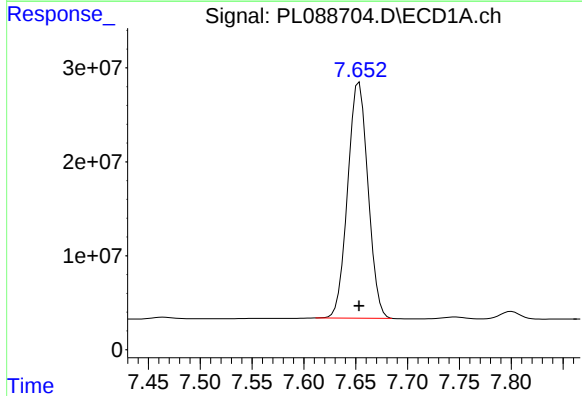
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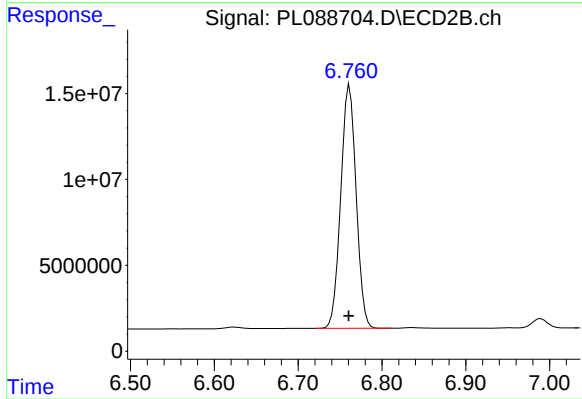
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2643365
Conc: 2.52 ng/ml



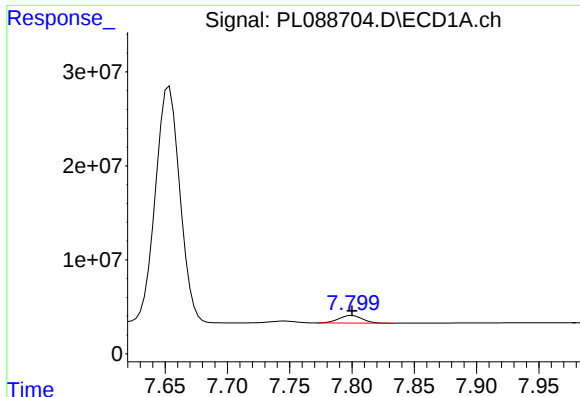
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 34289542
Conc: 227.61 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.001 min
Response: 180735012
Conc: 225.34 ng/ml



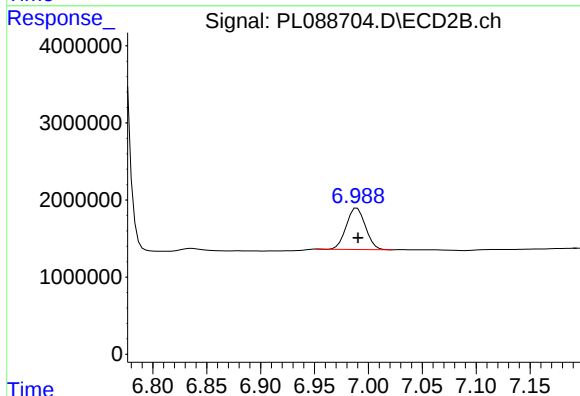
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 10615396
Conc: 3.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

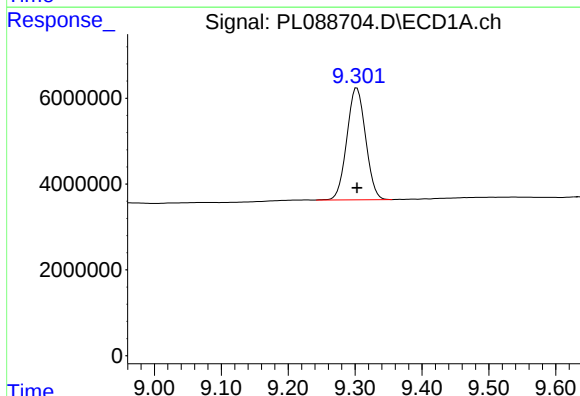
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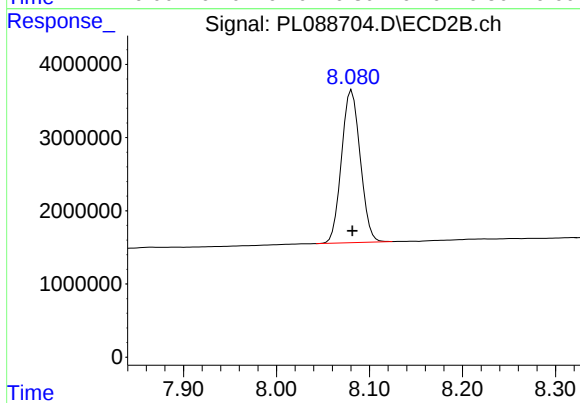
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 6662048
Conc: 4.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 50818990
Conc: 20.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 29142626
Conc: 21.49 ng/ml