

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030124\
 Data File : PL088376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2024 11:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/04/2024
 Supervised By :Ankita Jodhani 03/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 01:12:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.633	2.853	45867425	23967817	16.699	17.089
28)	SA Decachlor...	9.295	8.080	42594901	26085773	22.117	20.487
Target Compounds							
2)	A alpha-BHC	4.098	3.365	31413868	15760761	7.526	7.670m
3)	MA gamma-BHC...	4.434	3.704	30644064	15469663	7.567m	7.725
6)	B beta-BHC	4.633	4.005	15433822	8053479	8.862	9.048
14)	MA Endrin	6.715	5.772	110.2E6	64757422	42.392	43.312
16)	A 4,4'-DDD	6.841	5.924	1065457	740560	0.411m	0.542 #
17)	MA 4,4'-DDT	7.169	6.177	233.6E6	137.8E6	88.839	100.962
18)	B Endrin al...	7.068	6.253	2078464	1734588	1.005	1.588 #
20)	A Methoxychlor	7.648	6.761	317.3E6	186.2E6	239.734m	237.628
21)	B Endrin ke...	7.795	6.989	4803572	3412572	1.715	2.038

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

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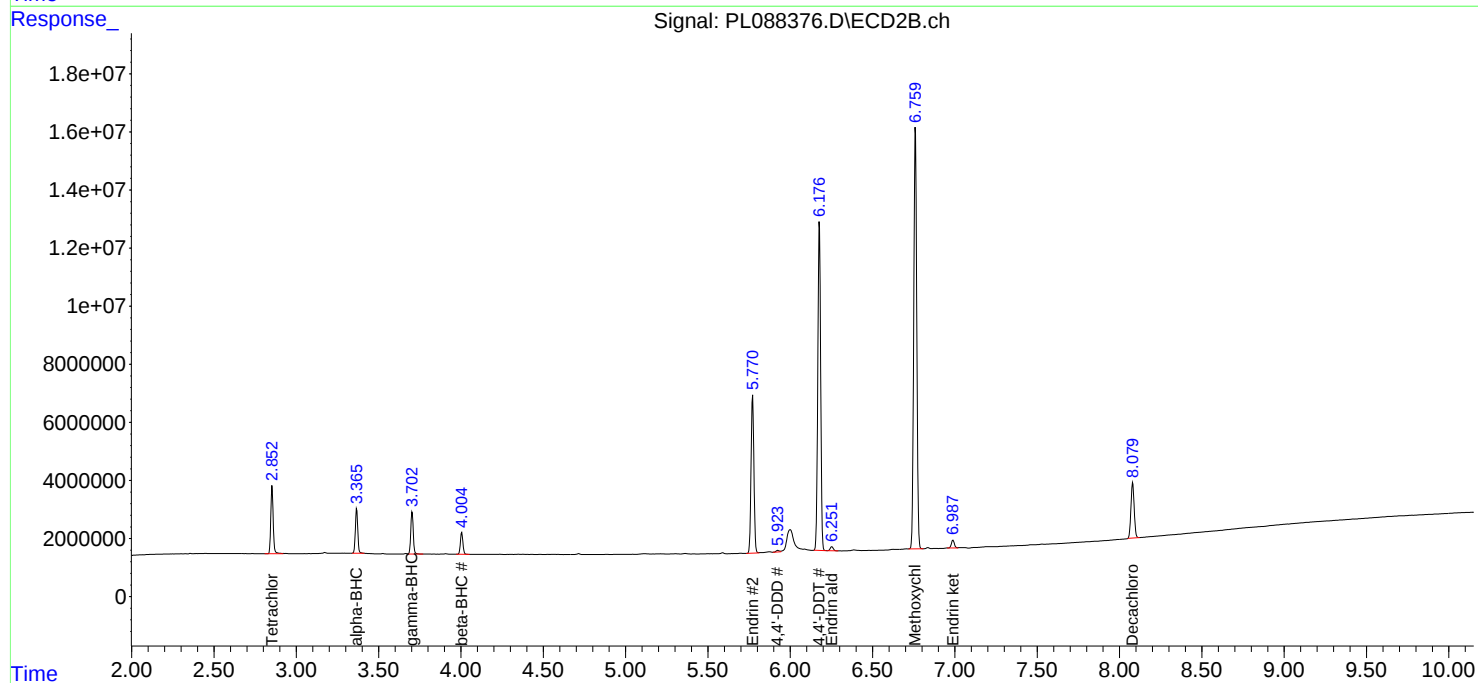
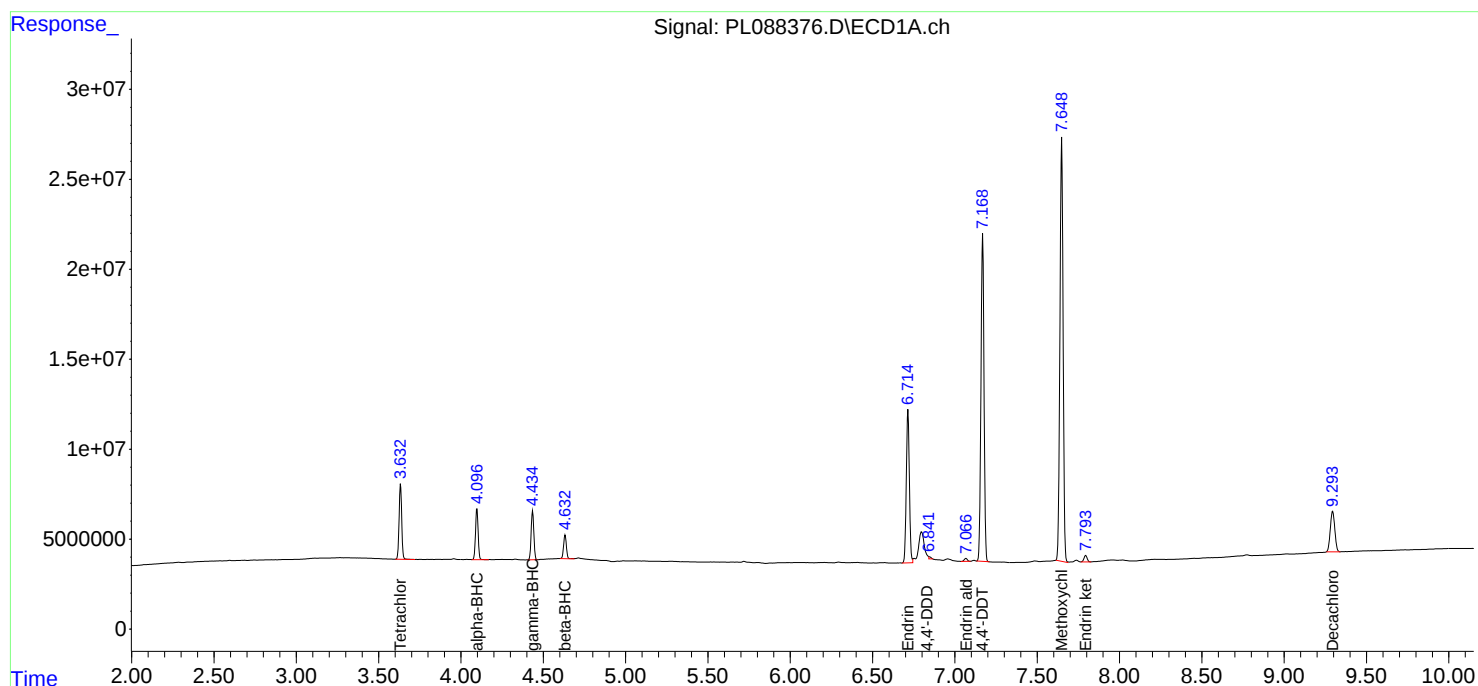
Instrument :
ECD_L
ClientSampleId :
PEM

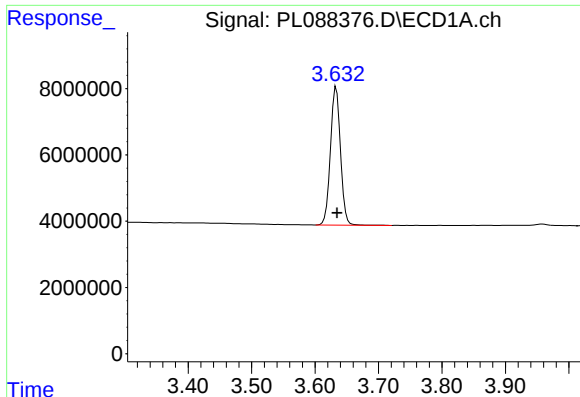
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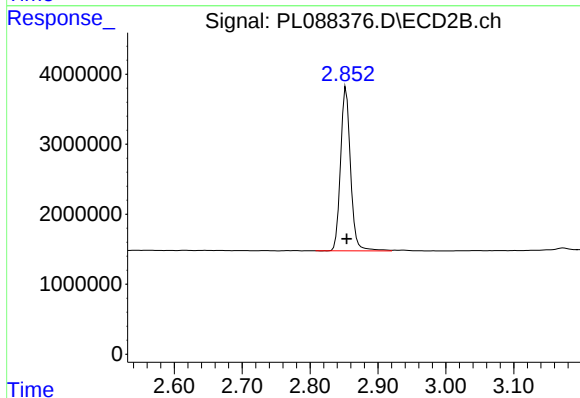
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.002 min
Response: 45867425
Conc: 16.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

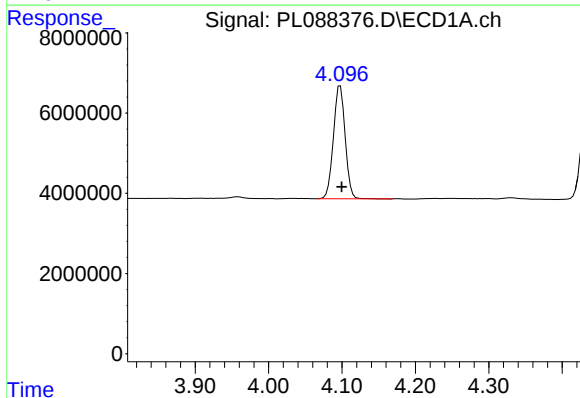
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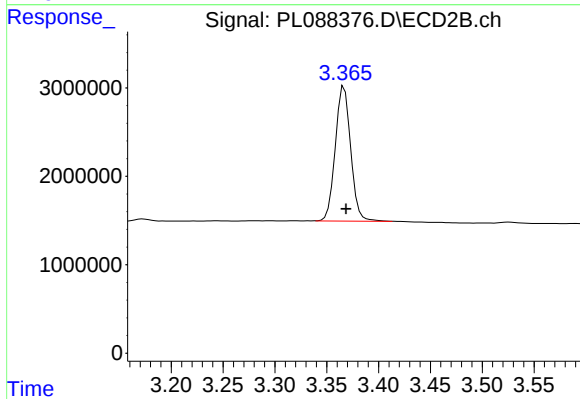
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 23967817
Conc: 17.09 ng/ml



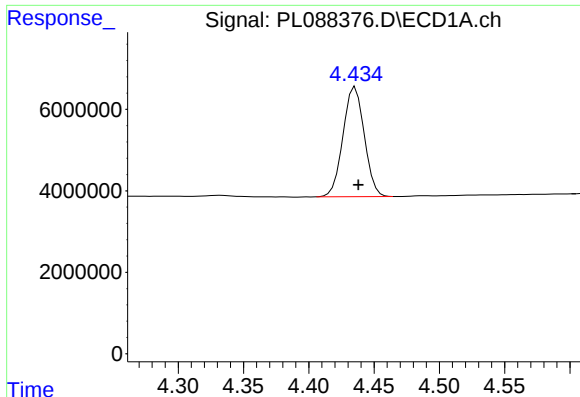
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 31413868
Conc: 7.53 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.003 min
Response: 15760761
Conc: 7.67 ng/ml m



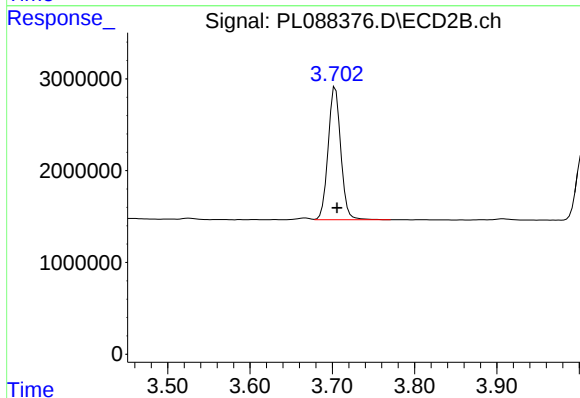
#3 gamma-BHC (Lindane)

R.T.: 4.434 min
Delta R.T.: -0.004 min
Response: 30644064
Conc: 7.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

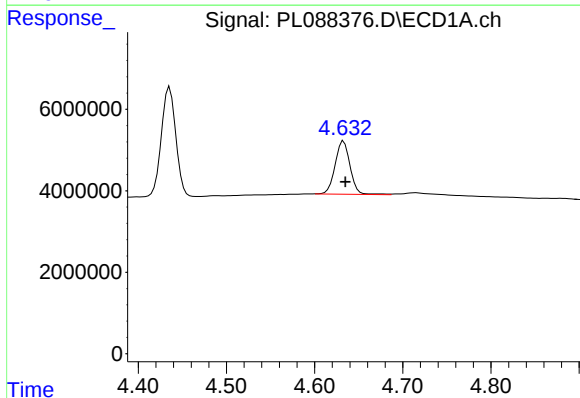
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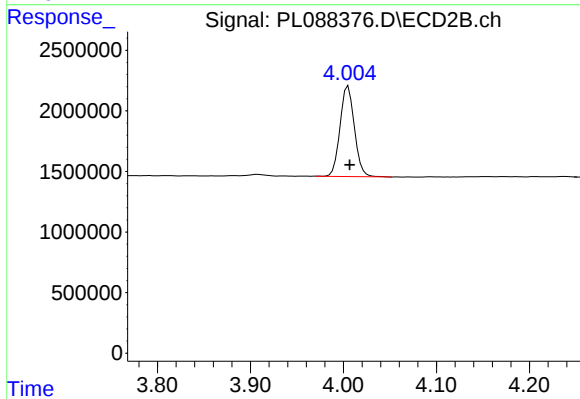
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 15469663
Conc: 7.73 ng/ml



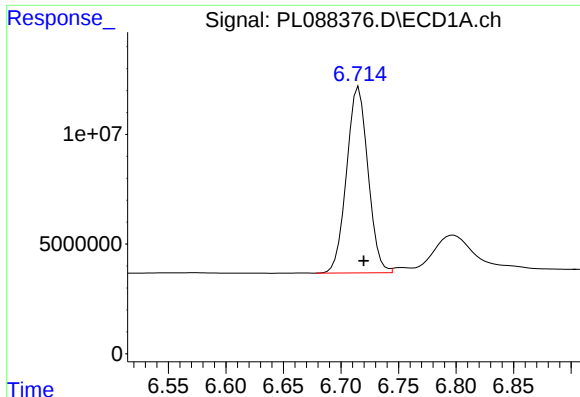
#6 beta-BHC

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 15433822
Conc: 8.86 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 8053479
Conc: 9.05 ng/ml



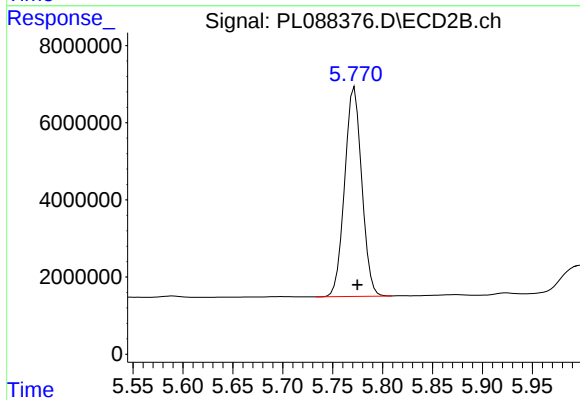
#14 Endrin

R.T.: 6.715 min
Delta R.T.: -0.004 min
Response: 110246423
Conc: 42.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

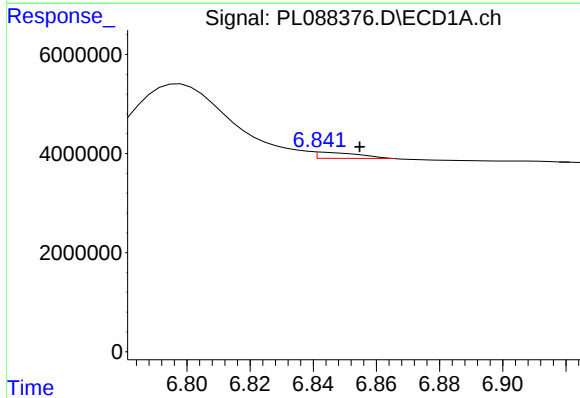
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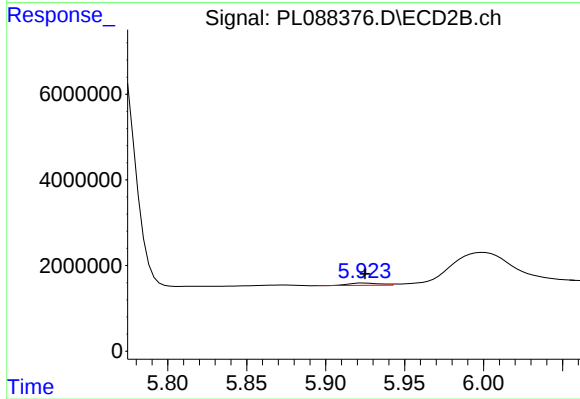
#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 64757422
Conc: 43.31 ng/ml



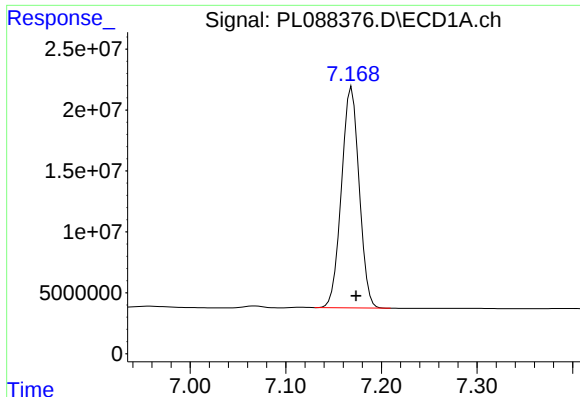
#16 4,4'-DDD

R.T.: 6.841 min
Delta R.T.: -0.013 min
Response: 1065457
Conc: 0.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 740560
Conc: 0.54 ng/ml



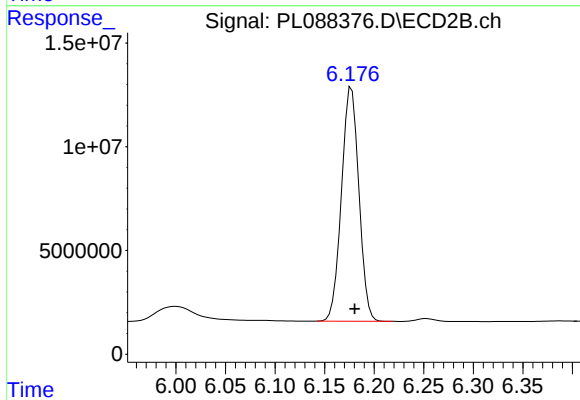
#17 4,4'-DDT

R.T.: 7.169 min
Delta R.T.: -0.005 min
Response: 233577255
Conc: 88.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

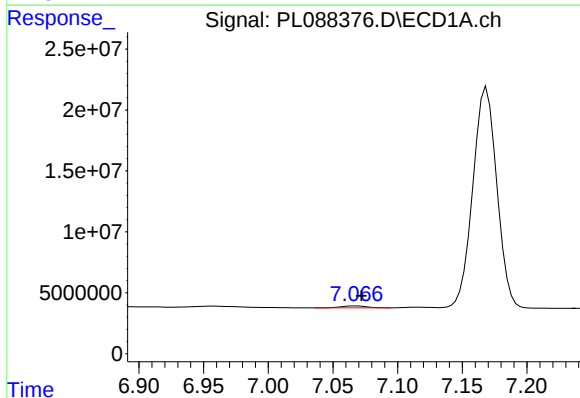
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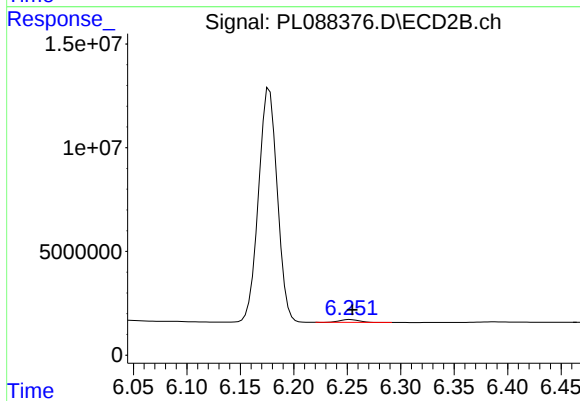
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 137836540
Conc: 100.96 ng/ml



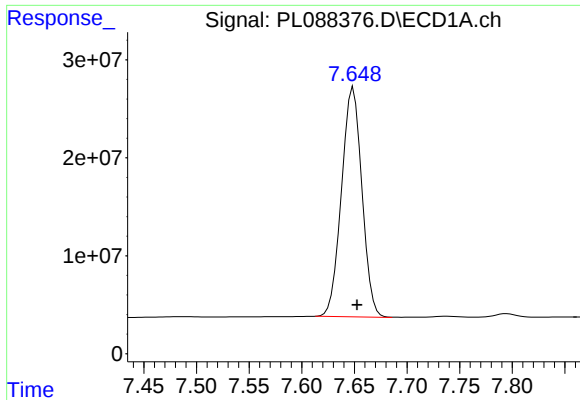
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 2078464
Conc: 1.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 1734588
Conc: 1.59 ng/ml



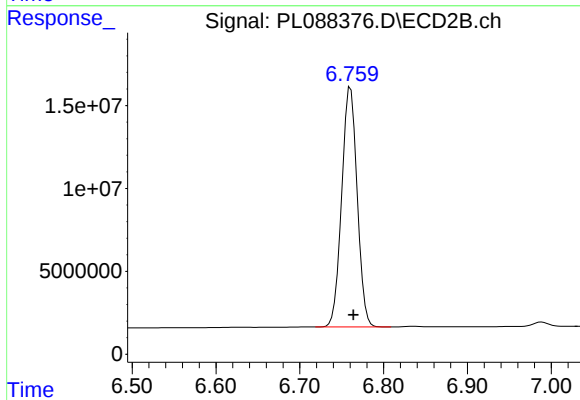
#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 317339257
Conc: 239.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

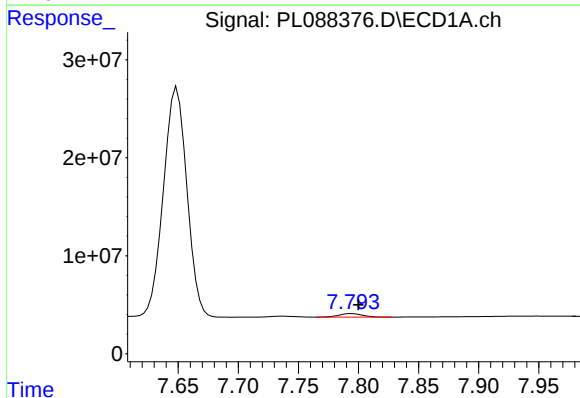
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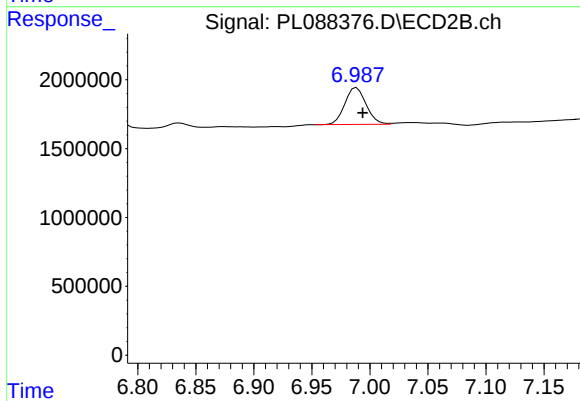
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 186242557
Conc: 237.63 ng/ml



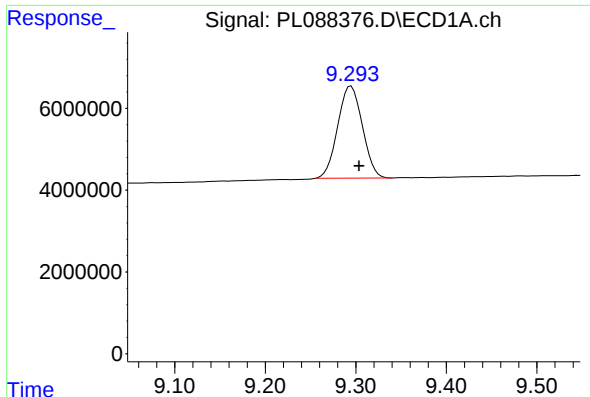
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 4803572
Conc: 1.71 ng/ml



#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.005 min
Response: 3412572
Conc: 2.04 ng/ml



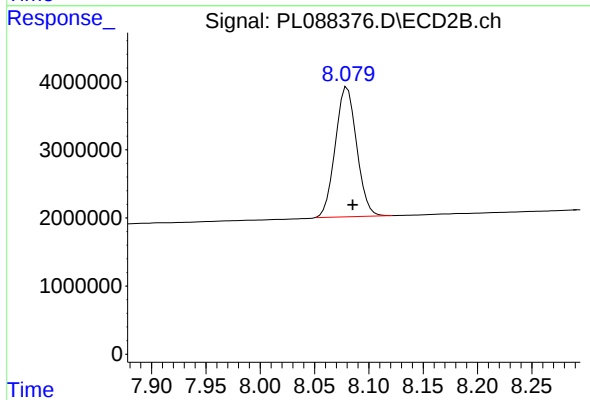
#28 Decachlorobiphenyl

R.T.: 9.295 min
Delta R.T.: -0.009 min
Response: 42594901
Conc: 22.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.005 min
Response: 26085773
Conc: 20.49 ng/ml