

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040324\
 Data File : PL088892.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2024 09:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 12:34:12 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...	3.643	2.852	55007427	30039230	20.758	22.539
28)	SA Decachlor...	9.317	8.084	49859222	33088742	20.170	24.403
Target Compounds							
2)	A alpha-BHC	4.109	3.366	38645580	20219288	9.681	10.062
3)	MA gamma-BHC...	4.447	3.704	37563368	19456898	9.686	10.138
6)	B beta-BHC	4.645	4.005	18146853	14408530	10.233	16.808 #
12)	B 4,4'-DDE	6.339	5.361	548428	218230	0.184m	0.150m
14)	MA Endrin	6.729	5.774	131.8E6	78167266	48.231	54.229
16)	A 4,4'-DDD	6.862	5.924	6077611	3374794	2.386m	2.710
17)	MA 4,4'-DDT	7.183	6.179	269.3E6	165.8E6	101.032	123.524
18)	B Endrin al...	7.080	6.254	4595495	3235399	2.201	3.087 #
20)	A Methoxychlor	7.661	6.763	353.5E6	209.4E6	234.673m	261.107
21)	B Endrin ke...	7.808	6.992	9087906	6287739	3.074	3.809

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

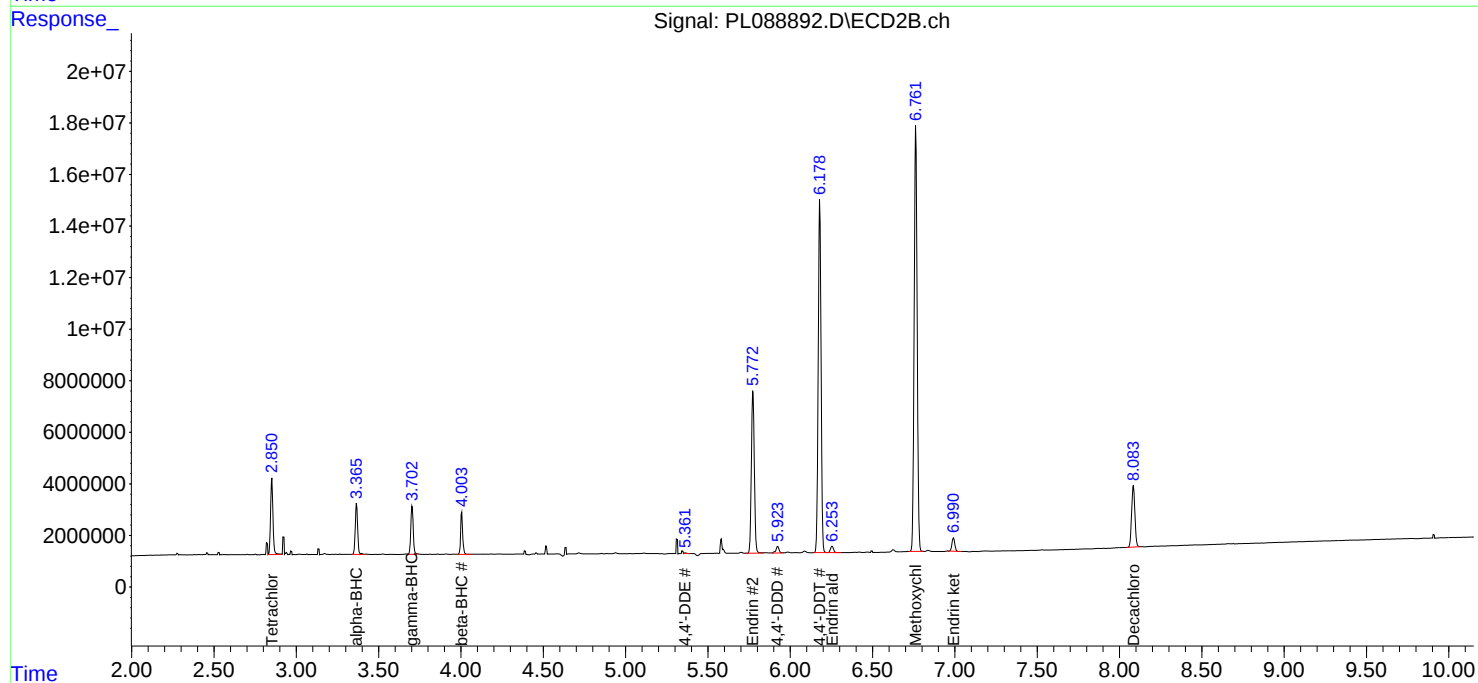
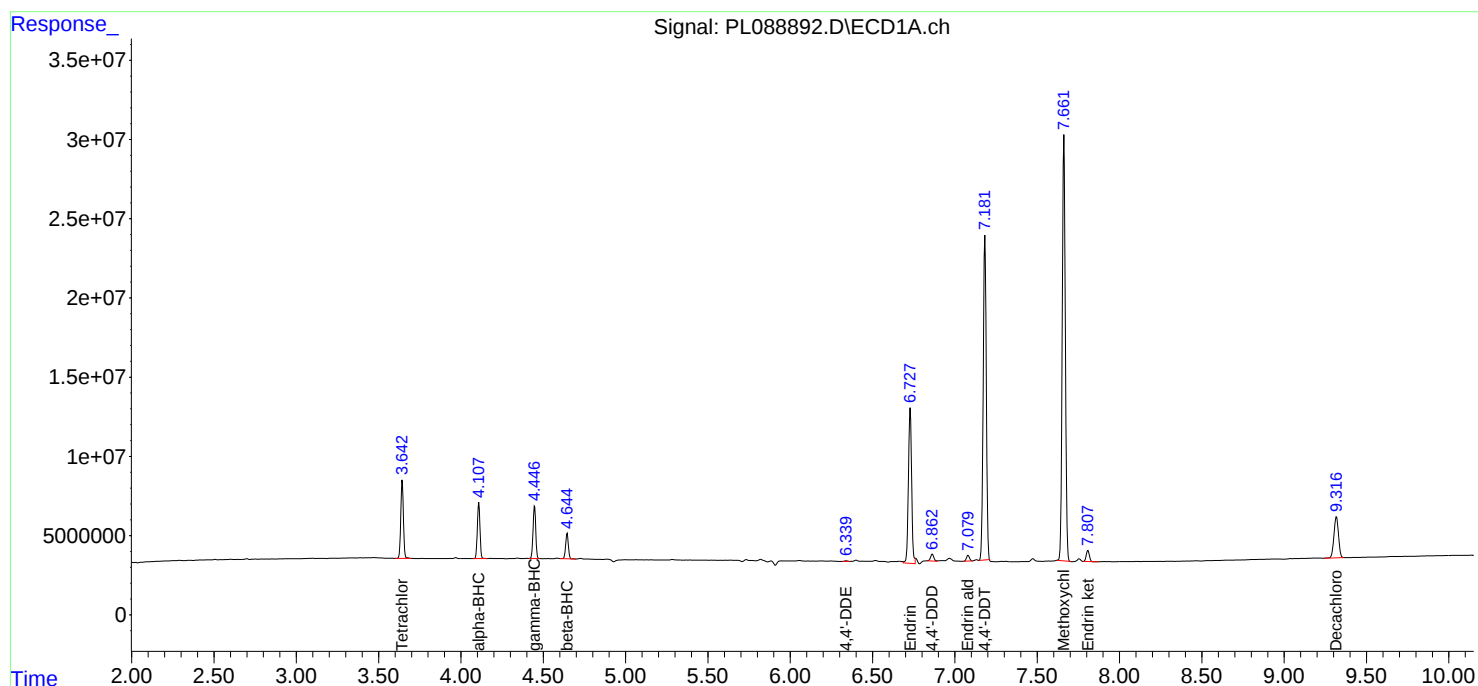
Instrument :
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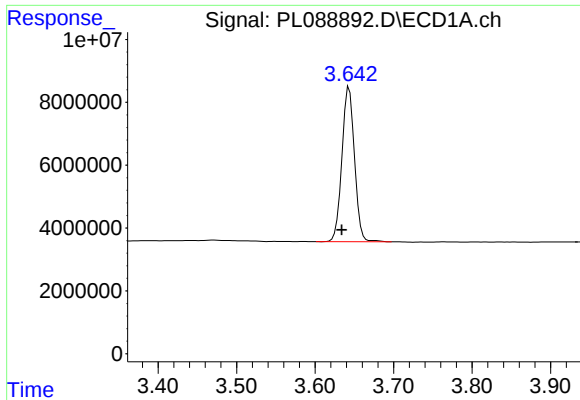
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Integration File signal 1: autoint1.e
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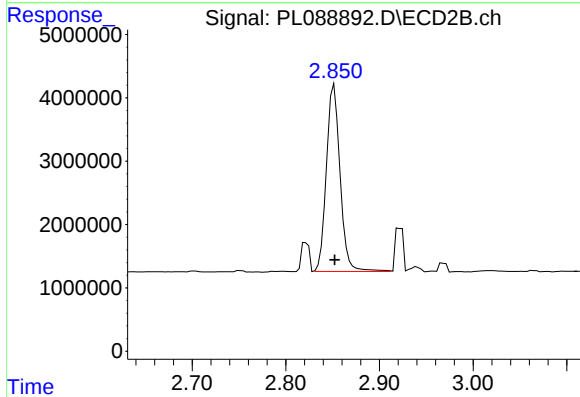
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: 0.009 min
Response: 55007427
Conc: 20.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

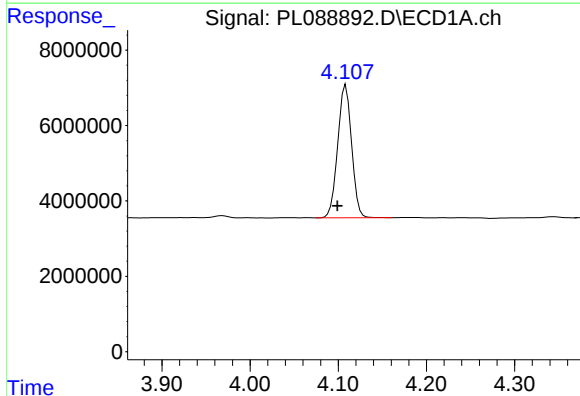
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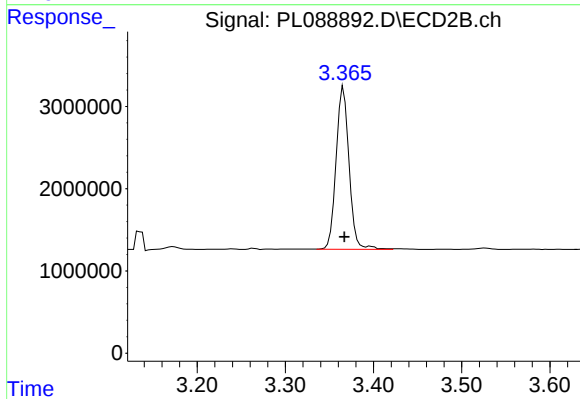
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 30039230
Conc: 22.54 ng/ml



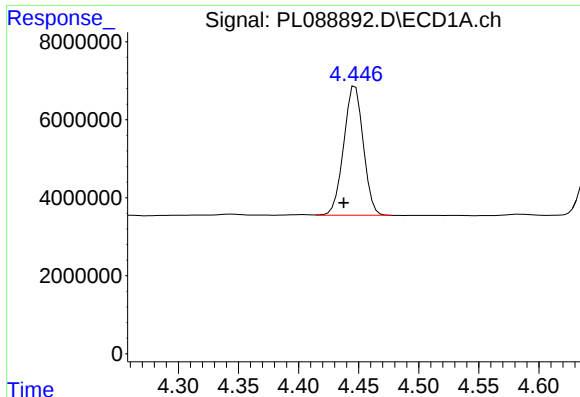
#2 alpha-BHC

R.T.: 4.109 min
Delta R.T.: 0.010 min
Response: 38645580
Conc: 9.68 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 20219288
Conc: 10.06 ng/ml



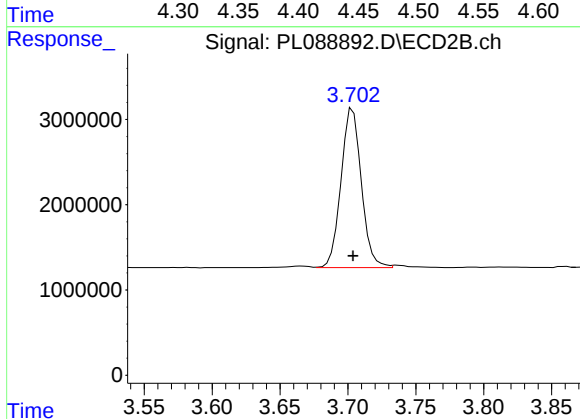
#3 gamma-BHC (Lindane)

R.T.: 4.447 min
Delta R.T.: 0.010 min
Response: 37563368
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

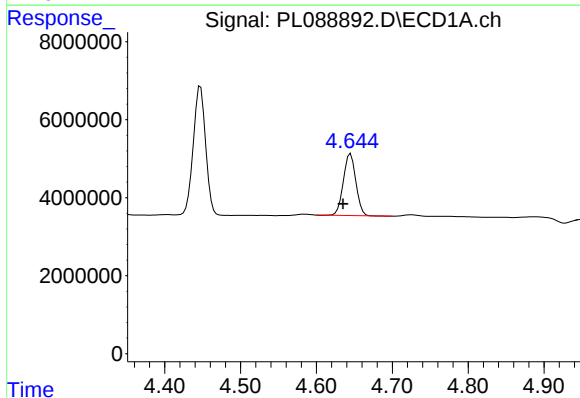
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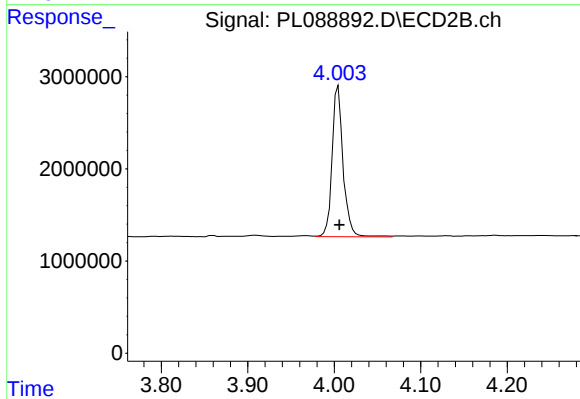
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 19456898
Conc: 10.14 ng/ml



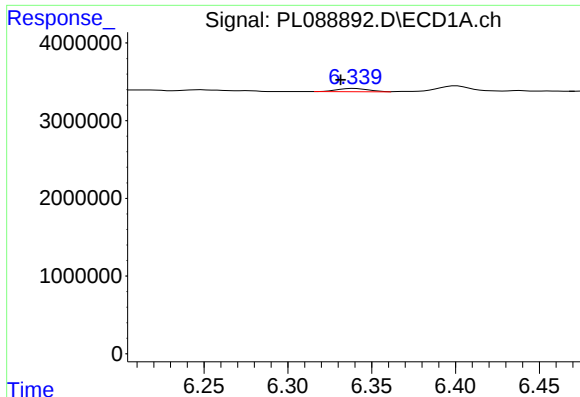
#6 beta-BHC

R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 18146853
Conc: 10.23 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 14408530
Conc: 16.81 ng/ml



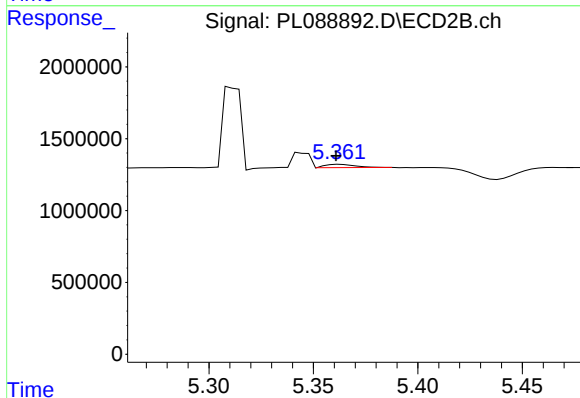
#12 4,4'-DDE

R.T.: 6.339 min
Delta R.T.: 0.007 min
Response: 548428
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

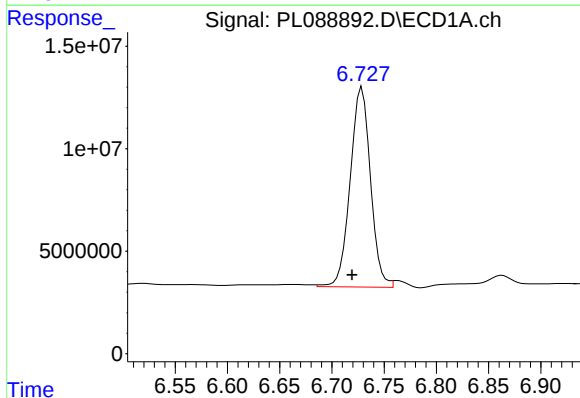
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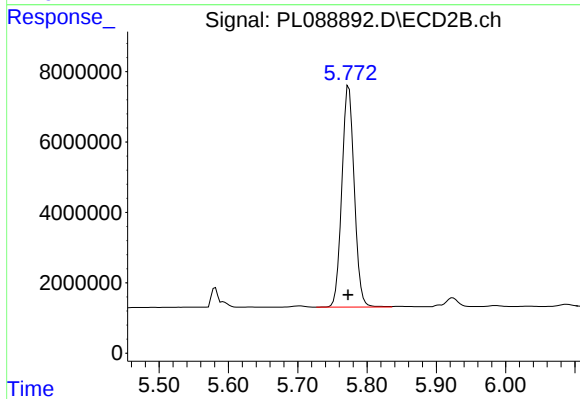
#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 218230
Conc: 0.15 ng/ml m



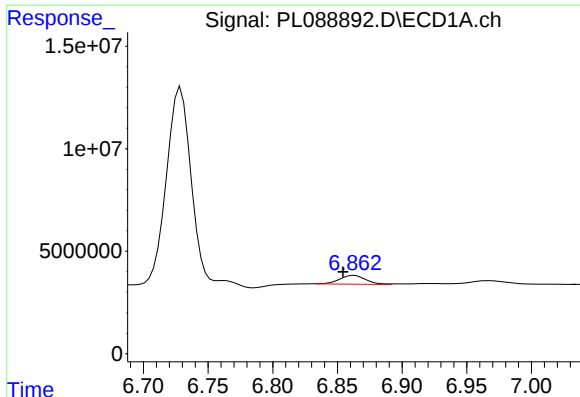
#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.010 min
Response: 131849950
Conc: 48.23 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 78167266
Conc: 54.23 ng/ml



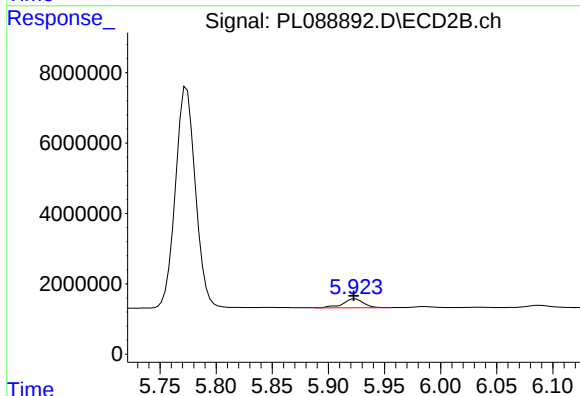
#16 4,4'-DDD

R.T.: 6.862 min
Delta R.T.: 0.007 min
Response: 6077611
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

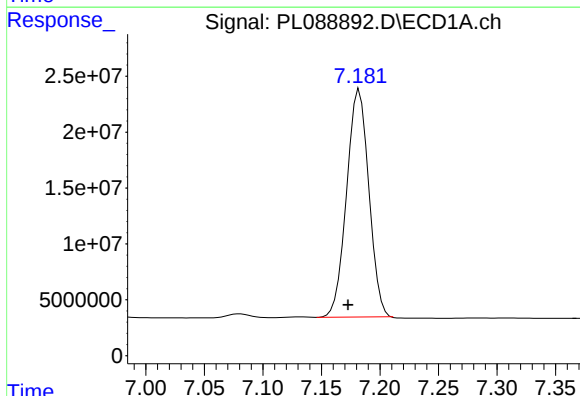
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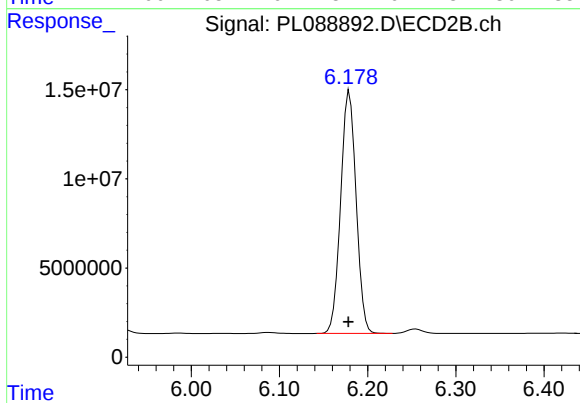
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.001 min
Response: 3374794
Conc: 2.71 ng/ml



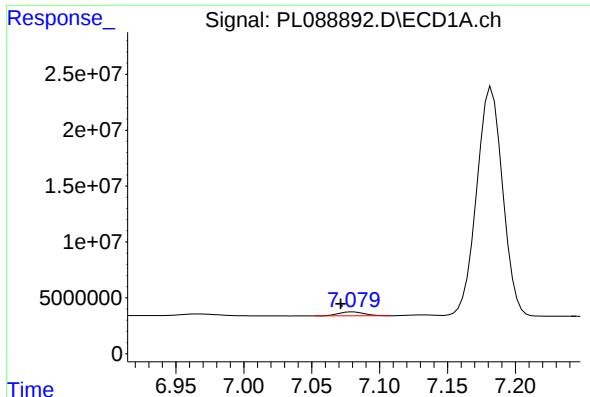
#17 4,4'-DDT

R.T.: 7.183 min
Delta R.T.: 0.010 min
Response: 269299904
Conc: 101.03 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 165793851
Conc: 123.52 ng/ml



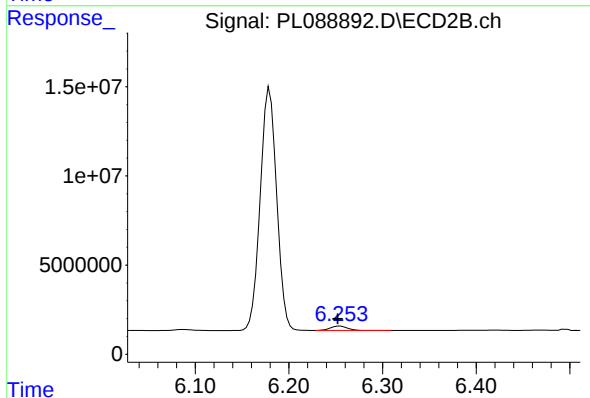
#18 Endrin aldehyde

R.T.: 7.080 min
Delta R.T.: 0.009 min
Response: 4595495
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

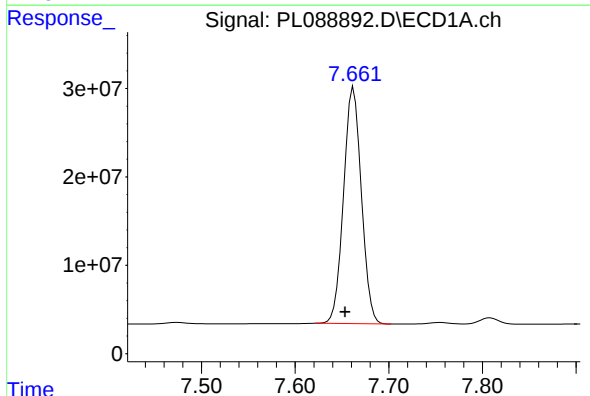
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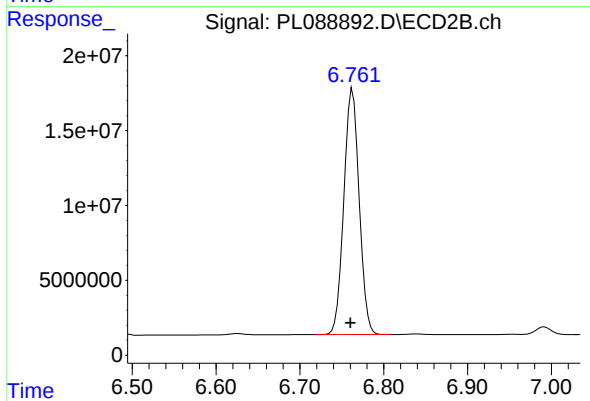
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 3235399
Conc: 3.09 ng/ml



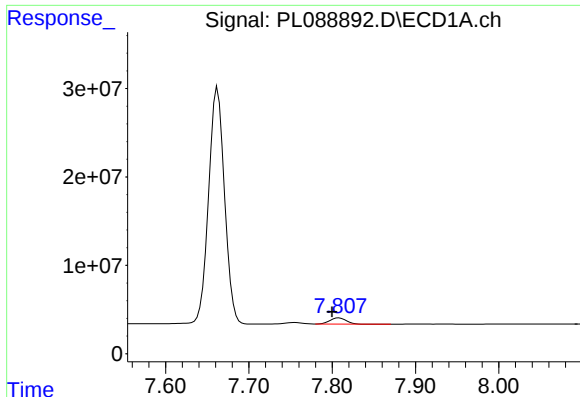
#20 Methoxychlor

R.T.: 7.661 min
Delta R.T.: 0.008 min
Response: 353537487
Conc: 234.67 ng/ml m



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 209426558
Conc: 261.11 ng/ml



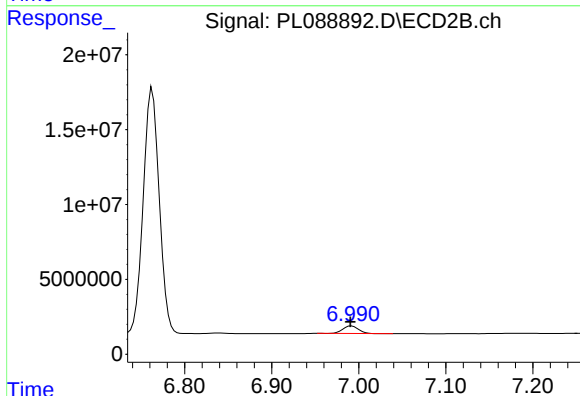
#21 Endrin ketone

R.T.: 7.808 min
Delta R.T.: 0.008 min
Response: 9087906
Conc: 3.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

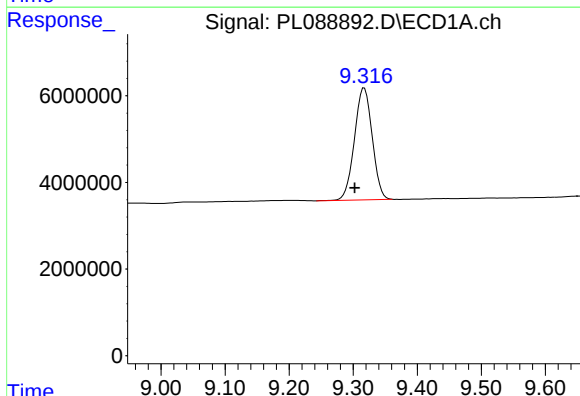
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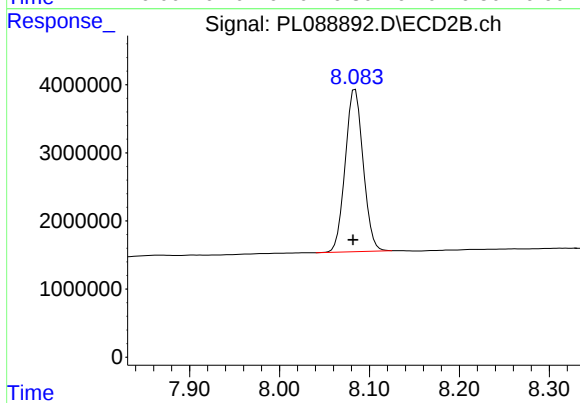
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.001 min
Response: 6287739
Conc: 3.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.317 min
Delta R.T.: 0.015 min
Response: 49859222
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 33088742
Conc: 24.40 ng/ml