

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040524\
 Data File : PL088938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2024 10:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/08/2024
 Supervised By : Ankita Jodhani 04/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 04:23:29 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...	3.634	2.851	57423850	29813272	21.670	22.370
28)	SA Decachlor...	9.305	8.078	51961596	35985336	21.021	26.539m#
Target Compounds							
2)	A alpha-BHC	4.098	3.365	40457818	20839651	10.135	10.371
3)	MA gamma-BHC...	4.437	3.702	39301207	19516157	10.134	10.169
6)	B beta-BHC	4.635	4.004	20280184	10143703	11.435	11.833
12)	B 4,4'-DDE	6.330	5.358	813035	385606	0.272	0.264
14)	MA Endrin	6.718	5.770	132.4E6	76275409	48.437	52.916
16)	A 4,4'-DDD	6.853	5.920	13034393	4429354	5.118	3.557 #
17)	MA 4,4'-DDT	7.172	6.174	265.8E6	159.3E6	99.709	118.720
18)	B Endrin al...	7.069	6.250	5277379	3470361	2.528m	3.312 #
20)	A Methoxychlor	7.653	6.757	342.7E6	198.0E6	227.451	246.899
21)	B Endrin ke...	7.799	6.987	10767961	7394338	3.642	4.480

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

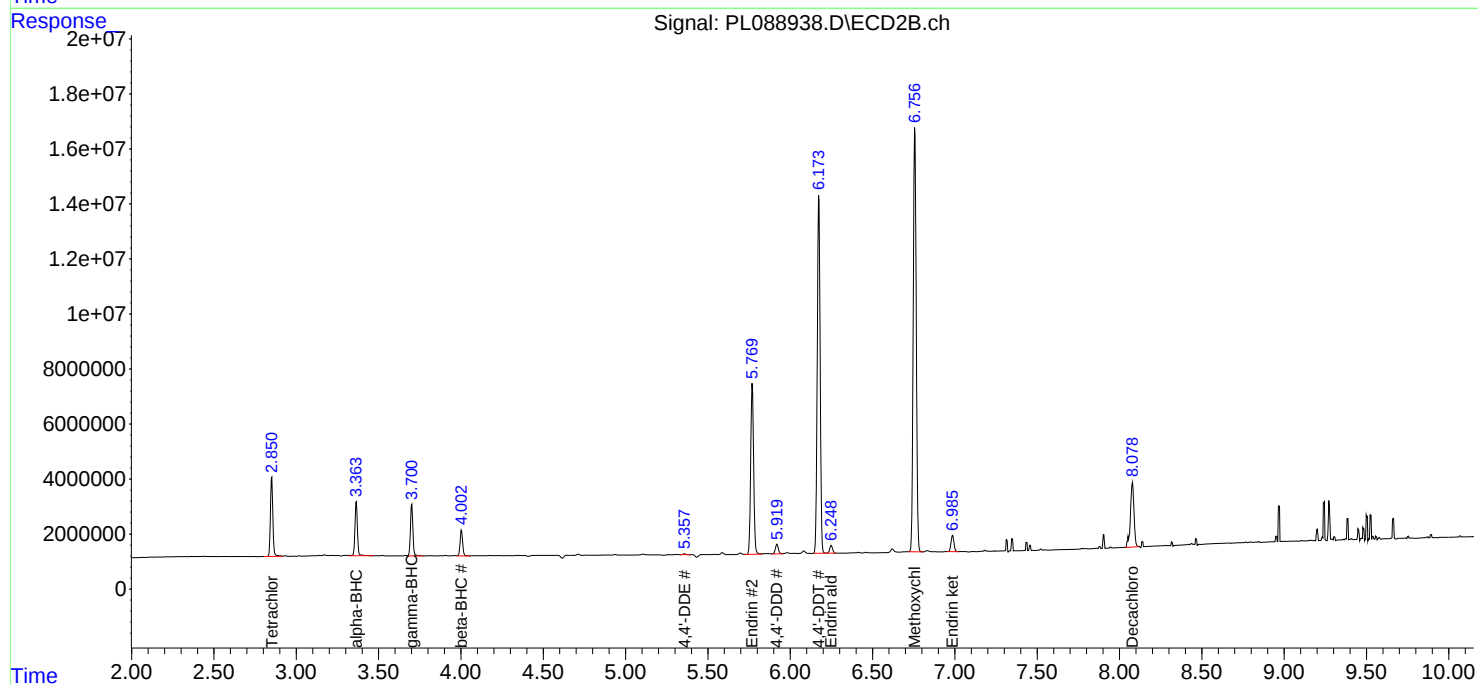
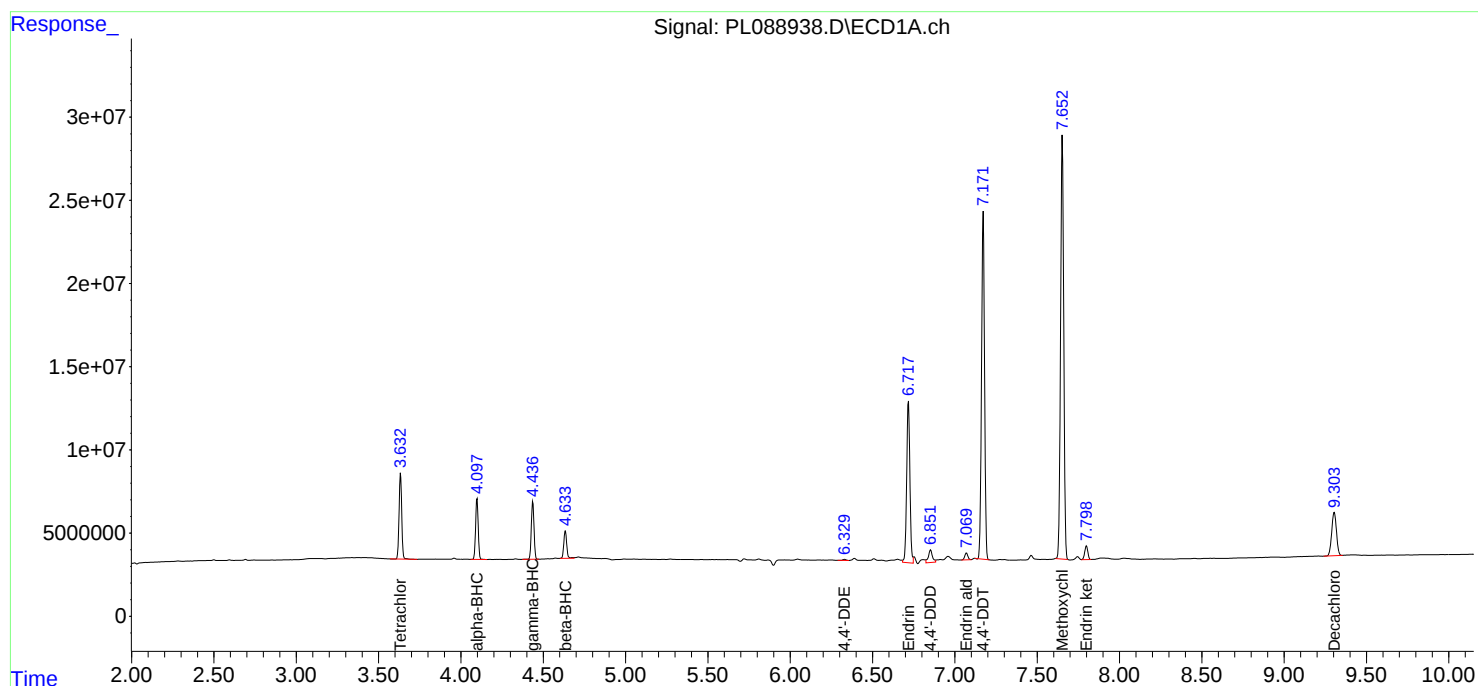
Instrument :
ECD_L
ClientSampleId :
PEM

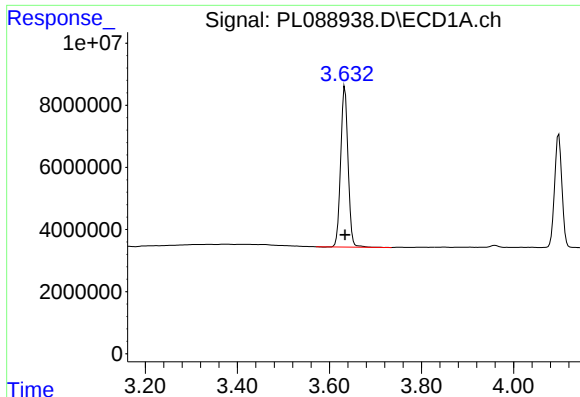
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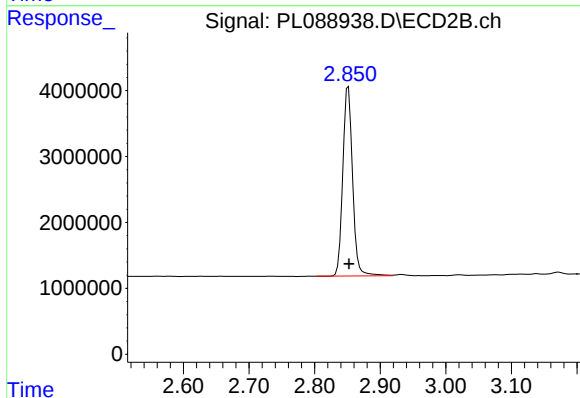
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 57423850
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

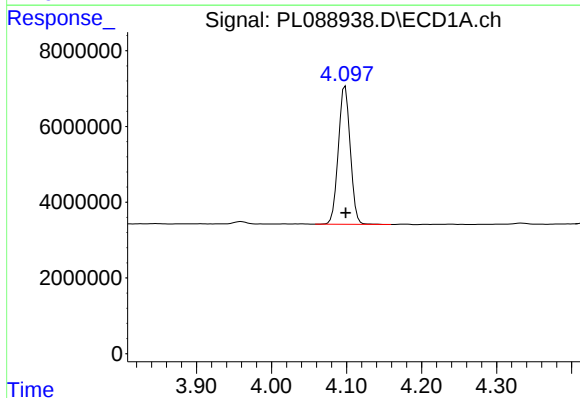
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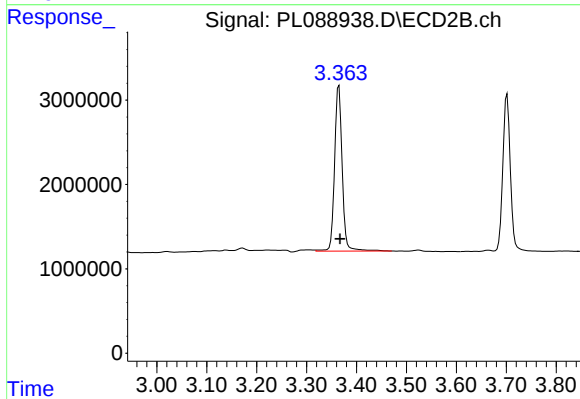
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 29813272
Conc: 22.37 ng/ml



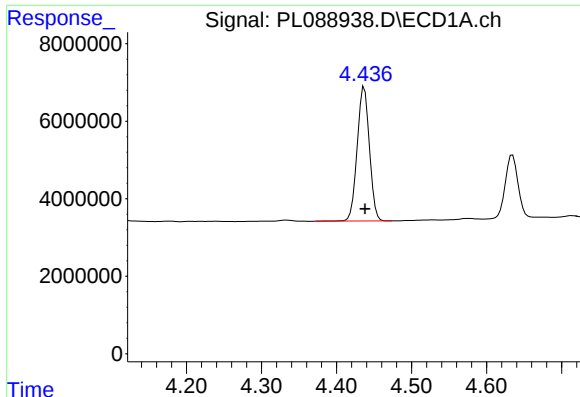
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40457818
Conc: 10.14 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 20839651
Conc: 10.37 ng/ml



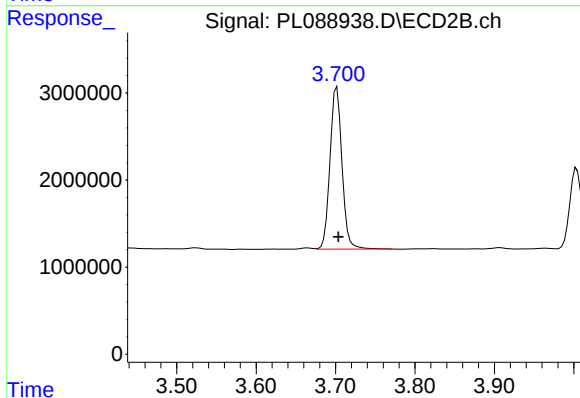
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 39301207
Conc: 10.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

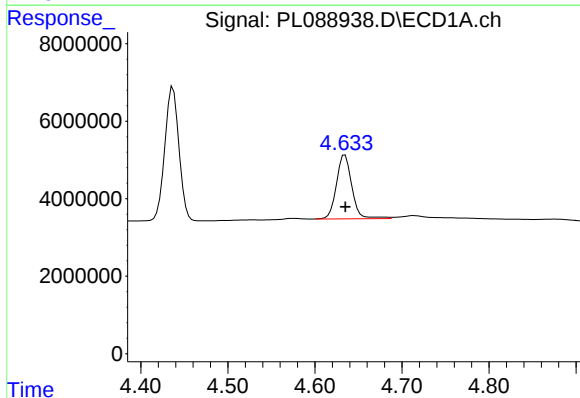
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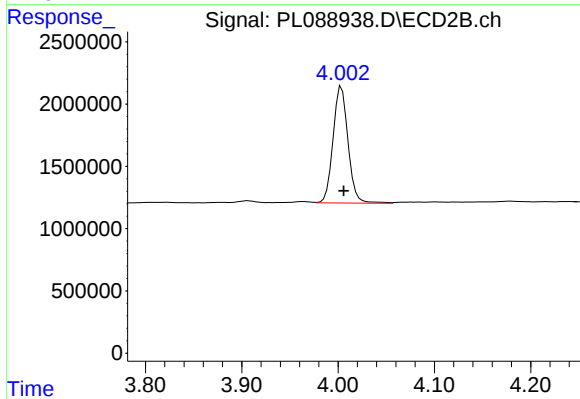
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 19516157
Conc: 10.17 ng/ml



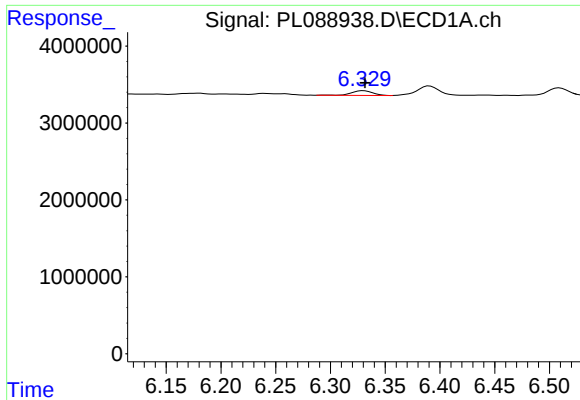
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 20280184
Conc: 11.44 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 10143703
Conc: 11.83 ng/ml



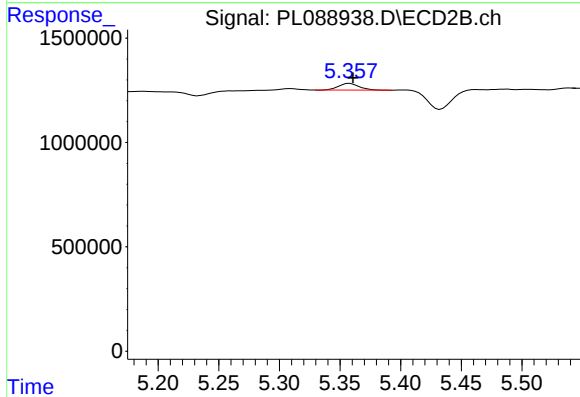
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 813035
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

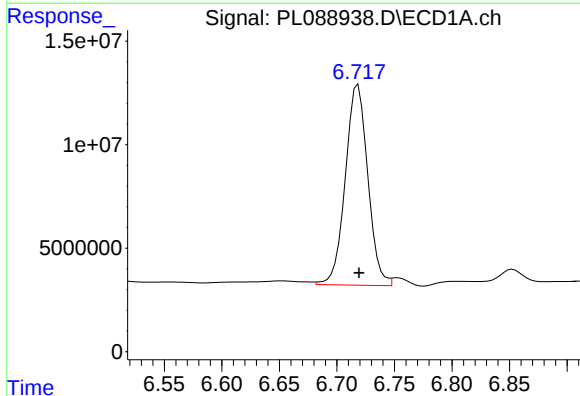
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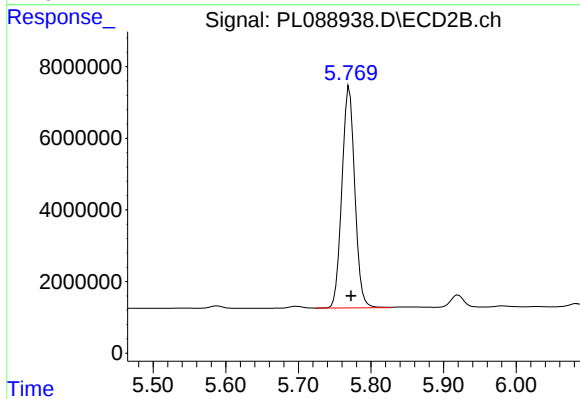
#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 385606
Conc: 0.26 ng/ml



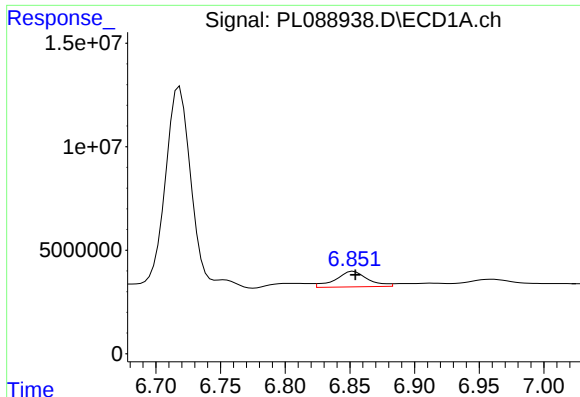
#14 Endrin

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 132412468
Conc: 48.44 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 76275409
Conc: 52.92 ng/ml



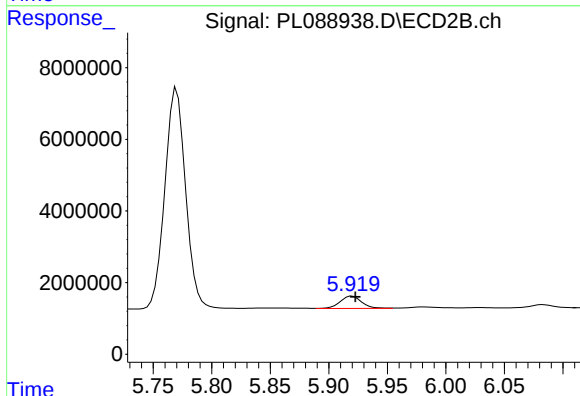
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 13034393
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

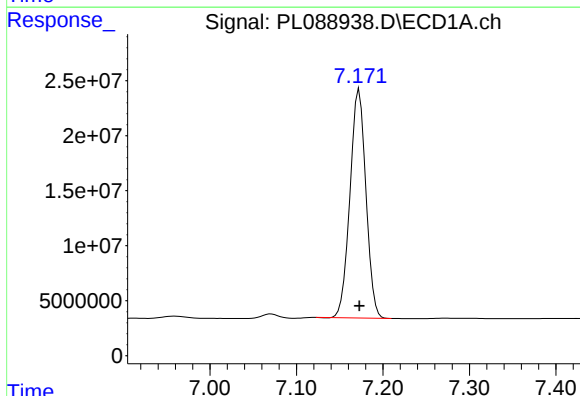
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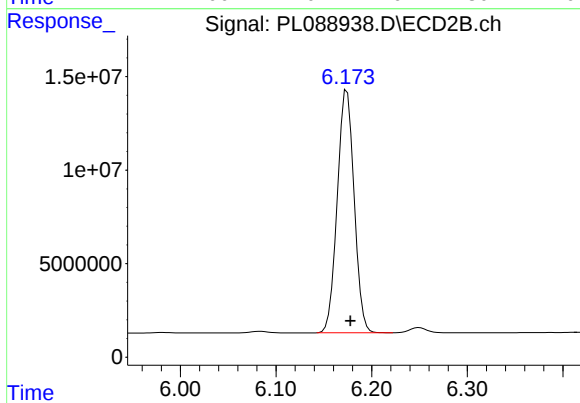
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 4429354
Conc: 3.56 ng/ml



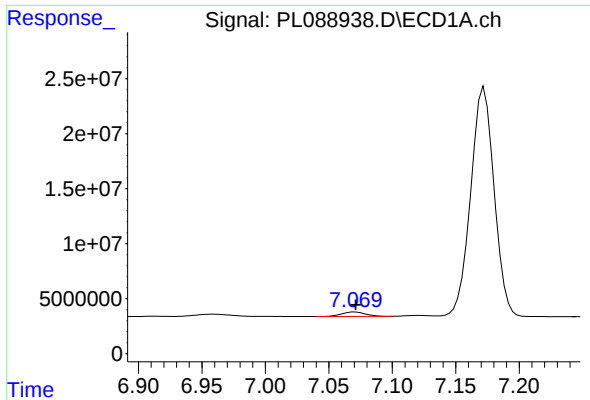
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 265773351
Conc: 99.71 ng/ml



#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 159345759
Conc: 118.72 ng/ml



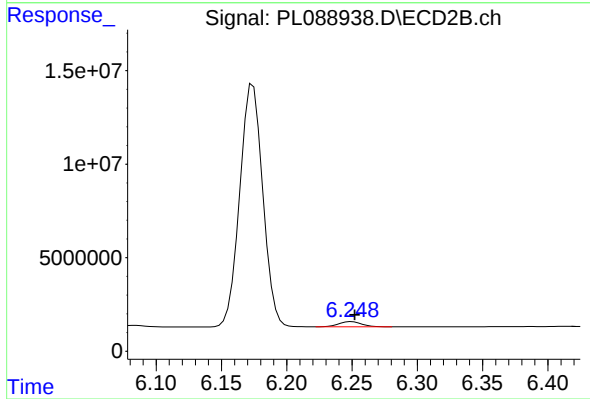
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 5277379
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

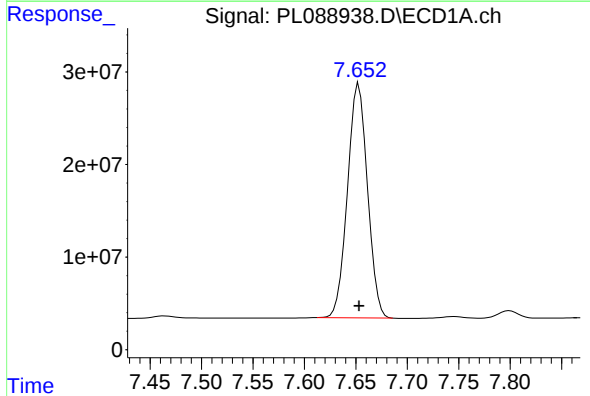
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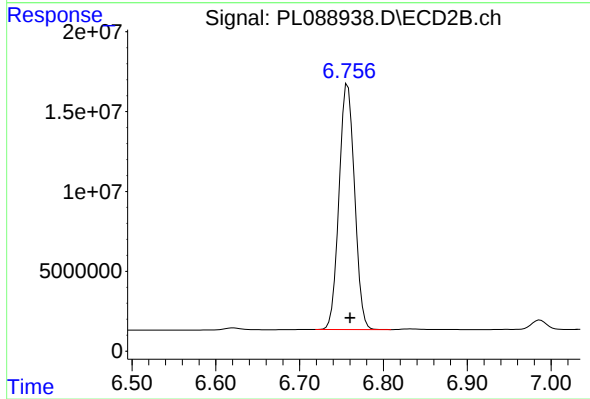
#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 3470361
Conc: 3.31 ng/ml



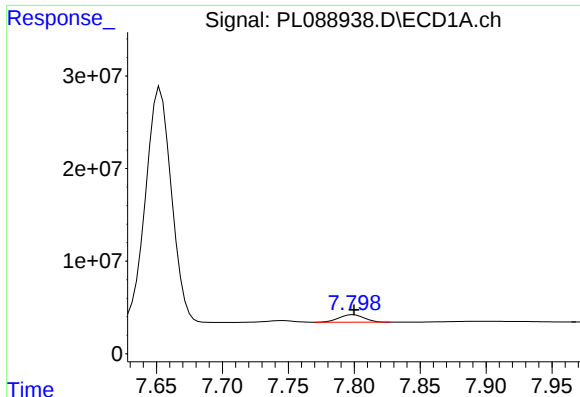
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 342658111
Conc: 227.45 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 198030742
Conc: 246.90 ng/ml



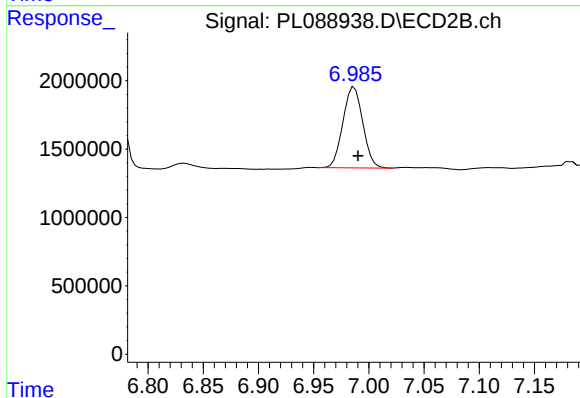
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 10767961
Conc: 3.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

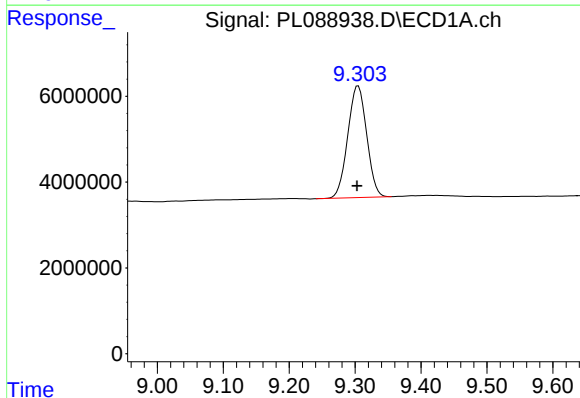
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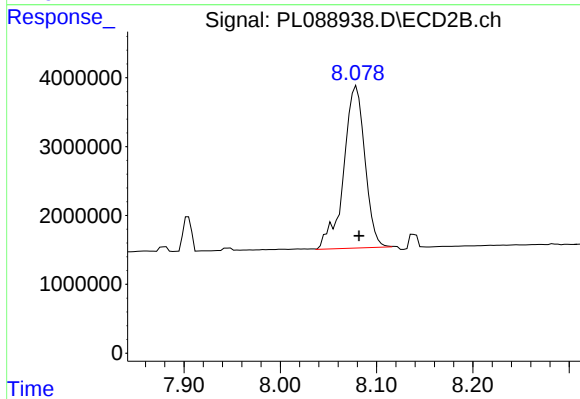
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 7394338
Conc: 4.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.002 min
Response: 51961596
Conc: 21.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 35985336
Conc: 26.54 ng/ml m