

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031524\
 Data File : PL088591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2024 10:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/15/2024
 Supervised By : Ankita Jodhani 03/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 10:42:41 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	2.852	59649647	28665873	22.510	21.509
28)	SA Decachlor...	9.302	8.081	55373104	29896785	22.401	22.049
Target Compounds							
2)	A alpha-BHC	4.099	3.366	41403485	19148111	10.372	9.529
3)	MA gamma-BHC...	4.437	3.703	40193376	18494094	10.364	9.637
6)	B beta-BHC	4.635	4.004	19812231	9530765	11.172	11.118
12)	B 4,4'-DDE	6.330	5.359	323702	229284	0.108m	0.157m#
14)	MA Endrin	6.717	5.772	141.4E6	73195566	51.722m	50.780
16)	A 4,4'-DDD	6.852	5.922	1836392	1143045	0.721m	0.918 #
17)	MA 4,4'-DDT	7.173	6.176	298.2E6	150.7E6	111.884	112.259
18)	B Endrin al...	7.071	6.253	2862541	2070726	1.371	1.976 #
20)	A Methoxychlor	7.653	6.760	397.0E6	196.0E6	263.490	244.419
21)	B Endrin ke...	7.798	6.989	7219595	4377181	2.442	2.652

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

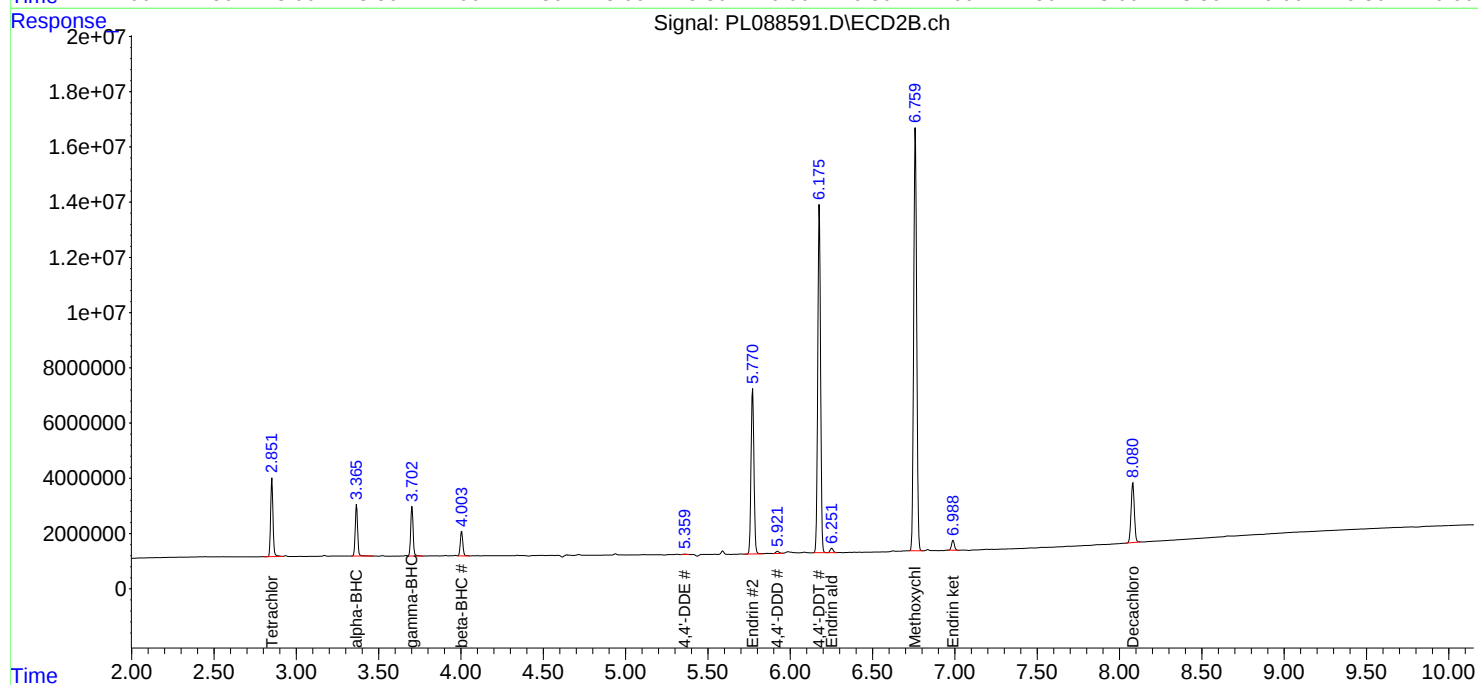
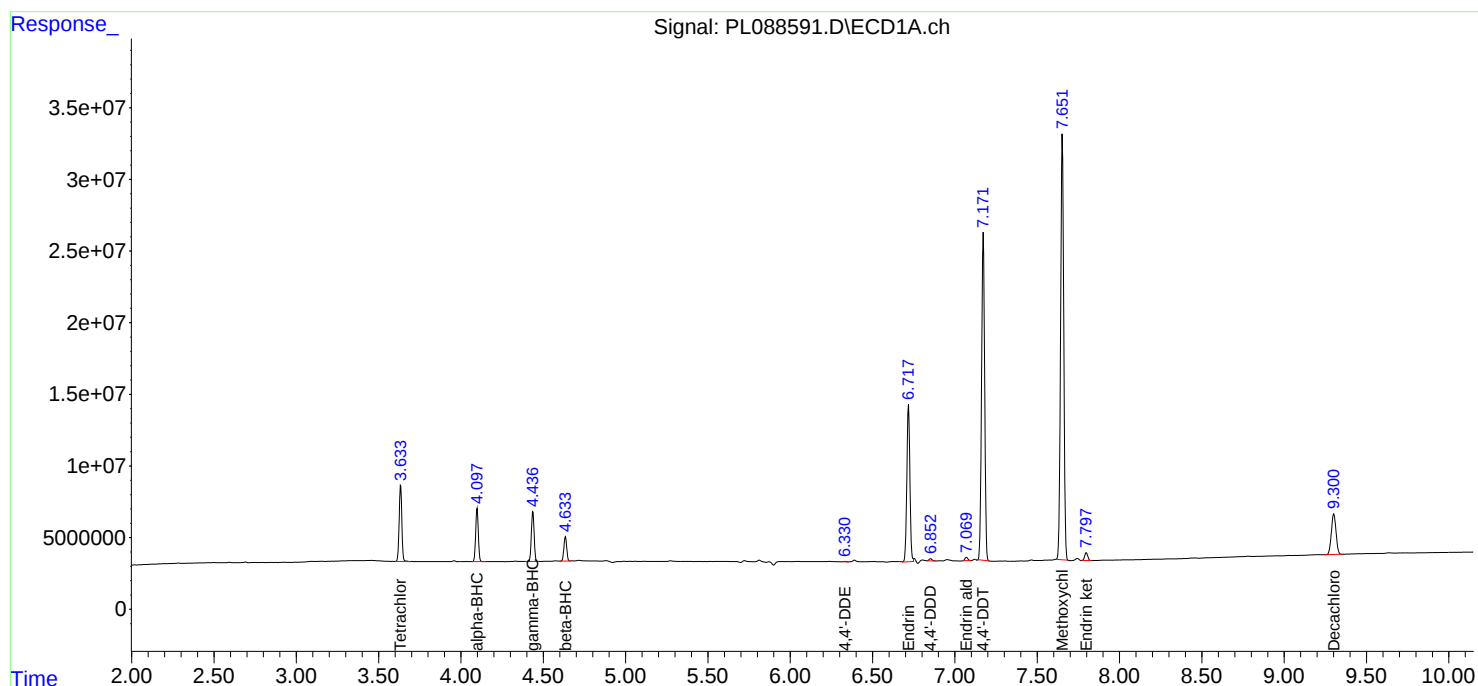
Instrument :
ECD_L
ClientSampleId :
PEM

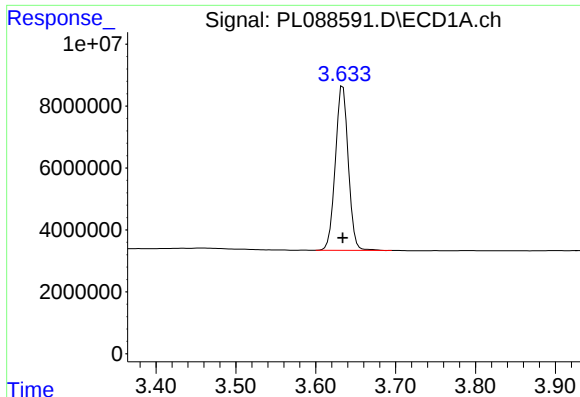
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Integration File signal 1: autoint1.e
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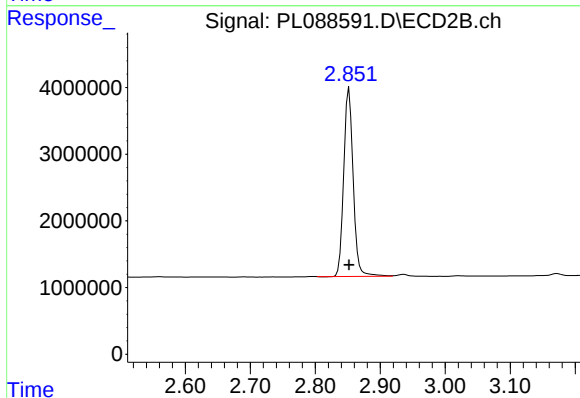
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 59649647
Conc: 22.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

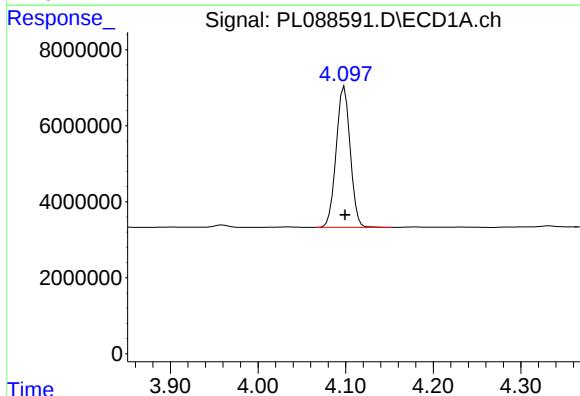
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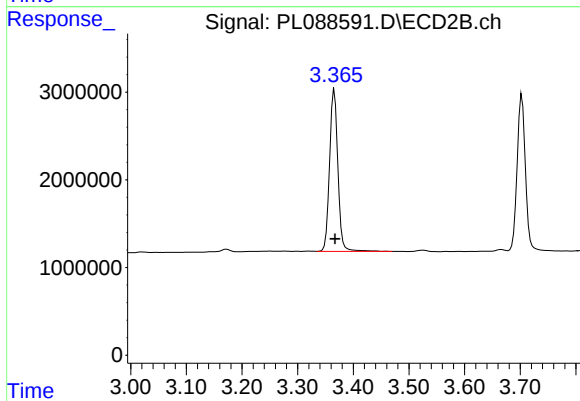
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 28665873
Conc: 21.51 ng/ml



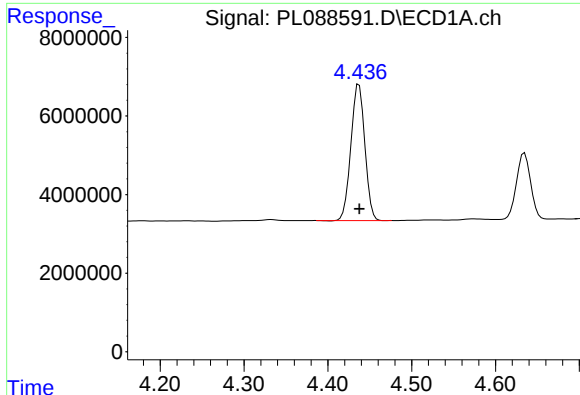
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 41403485
Conc: 10.37 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 19148111
Conc: 9.53 ng/ml



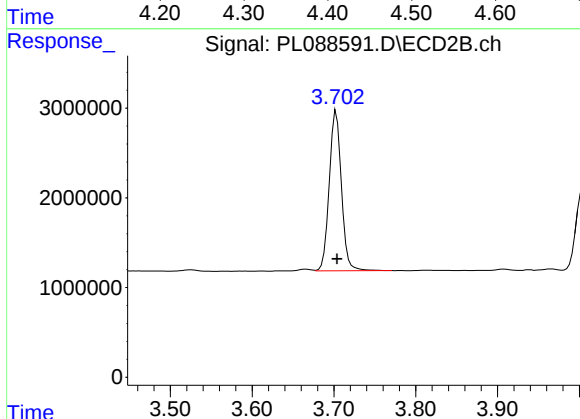
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 40193376
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

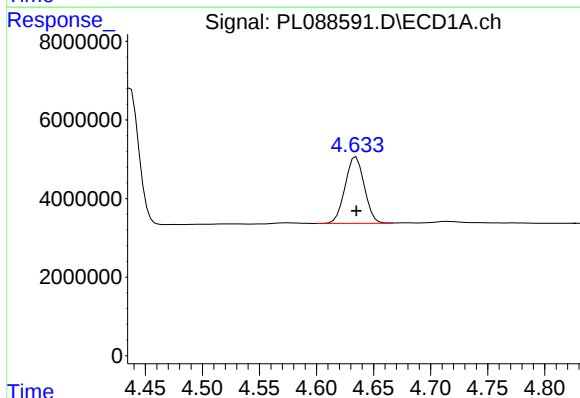
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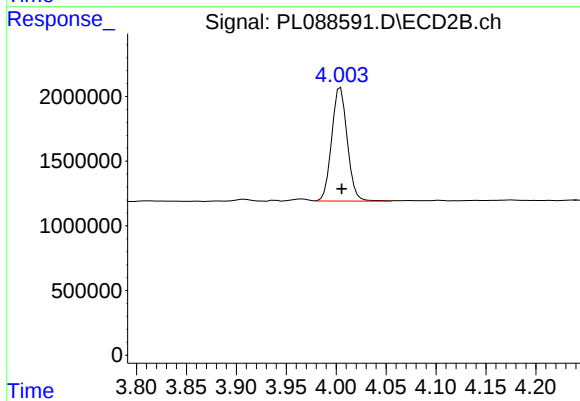
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 18494094
Conc: 9.64 ng/ml



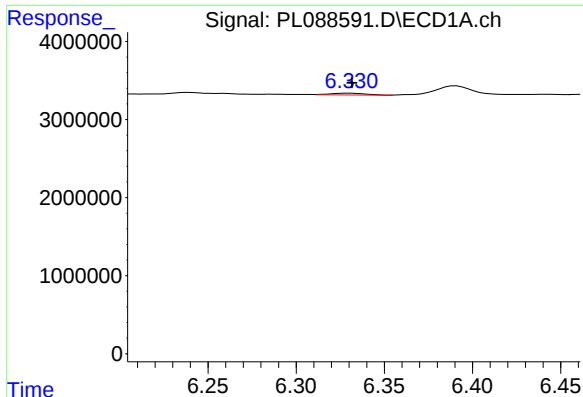
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19812231
Conc: 11.17 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 9530765
Conc: 11.12 ng/ml



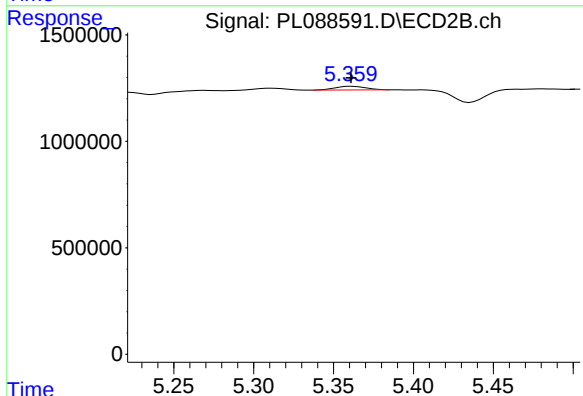
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 323702
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

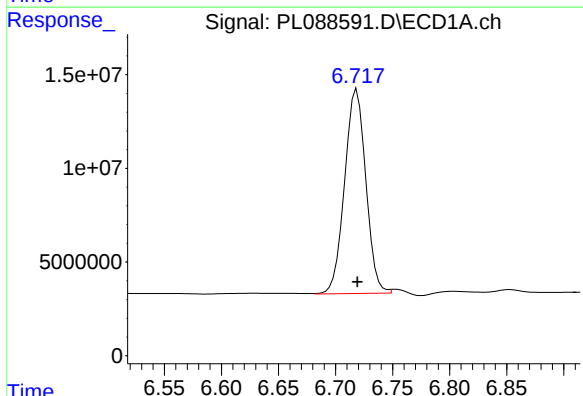
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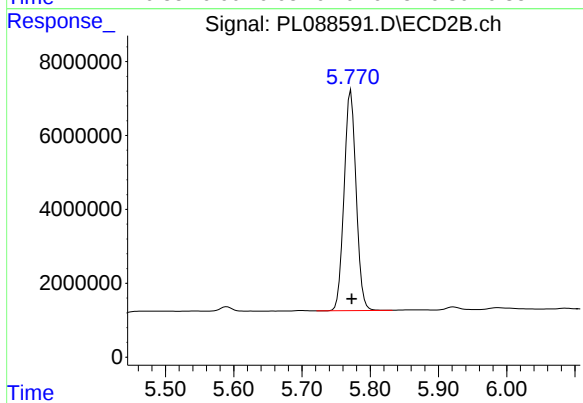
#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 229284
Conc: 0.16 ng/ml m



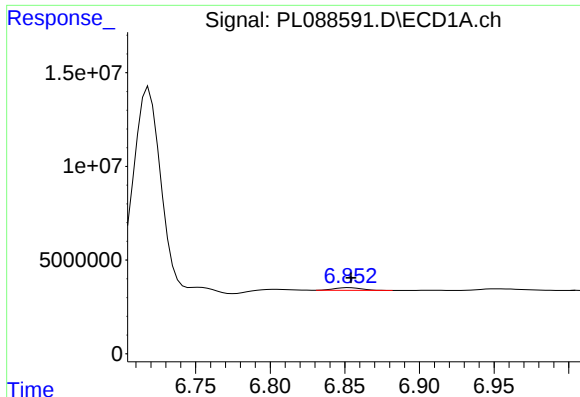
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 141393190
Conc: 51.72 ng/ml m



#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 73195566
Conc: 50.78 ng/ml



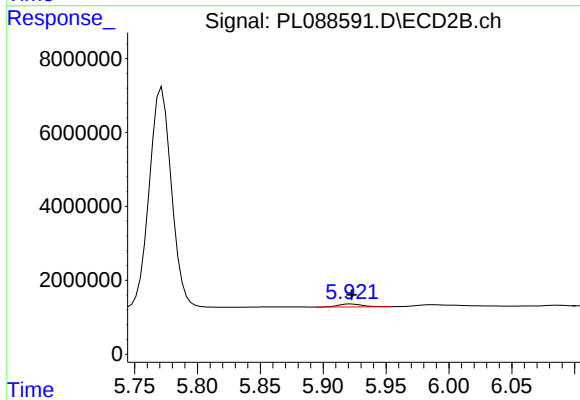
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 1836392
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

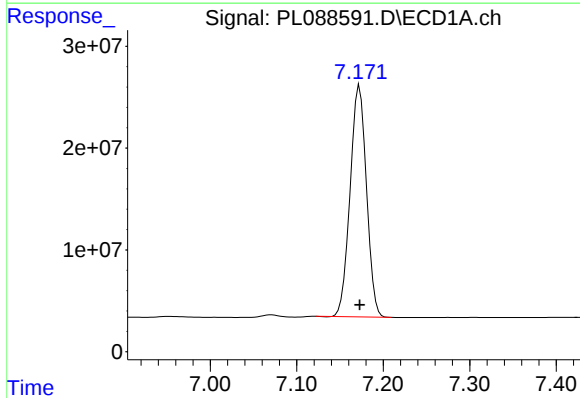
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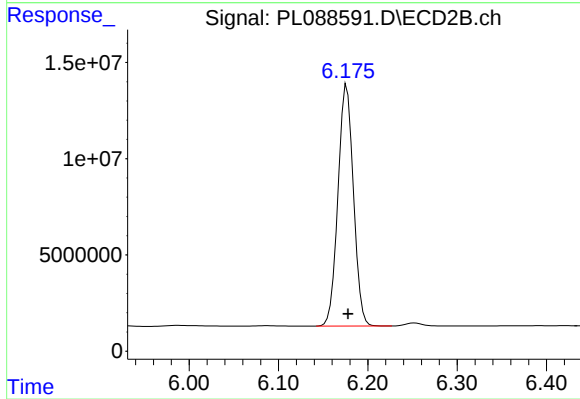
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1143045
Conc: 0.92 ng/ml



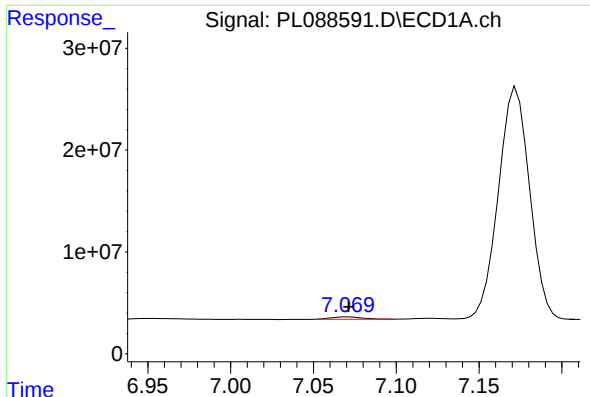
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 298223358
Conc: 111.88 ng/ml



#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 150672947
Conc: 112.26 ng/ml



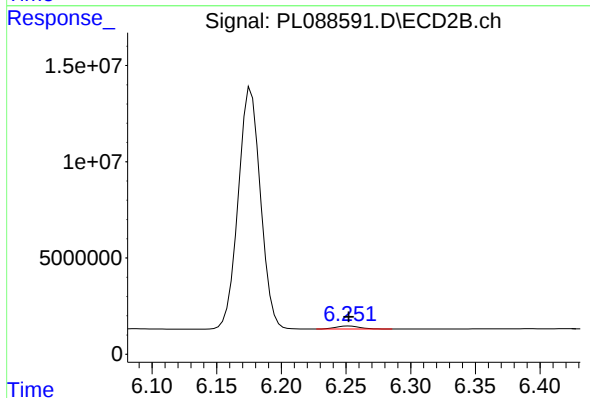
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2862541
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

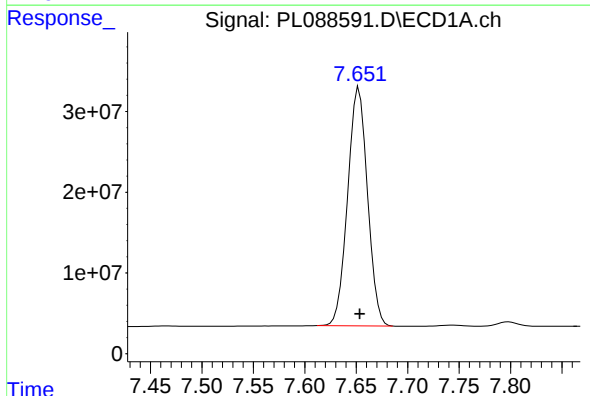
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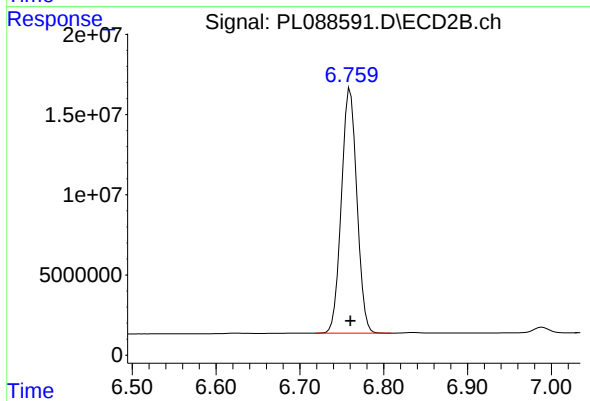
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2070726
Conc: 1.98 ng/ml



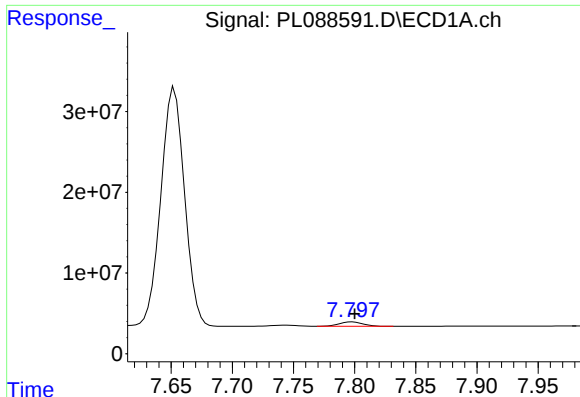
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 396951214
Conc: 263.49 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 196041478
Conc: 244.42 ng/ml



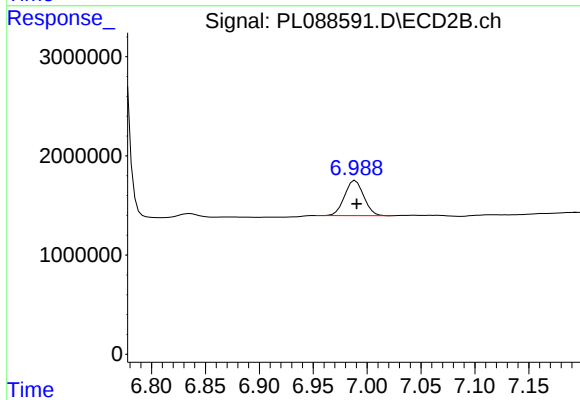
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 7219595
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

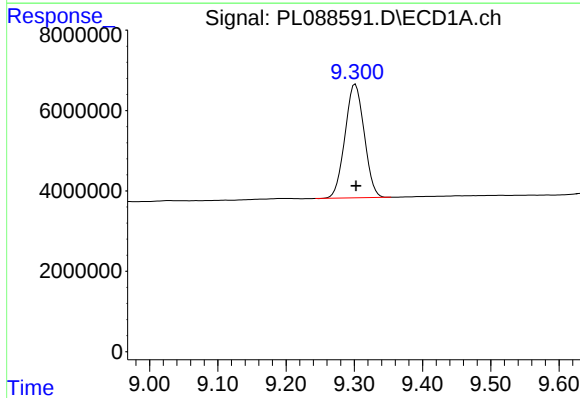
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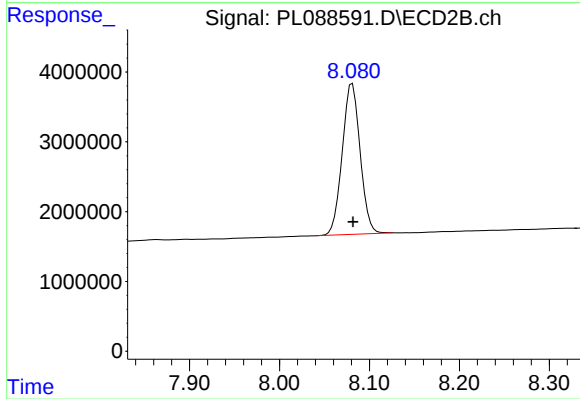
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.001 min
Response: 4377181
Conc: 2.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: -0.001 min
Response: 55373104
Conc: 22.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 29896785
Conc: 22.05 ng/ml