

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 08:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:47:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.477	2.686	49368950	22497138	21.248	20.689
28)	SA Decachlor...	9.030	7.868	35451057	26227341	21.788	21.036
Target Compounds							
2)	A alpha-BHC	3.935	3.191	34035385	15391461	10.309	9.968
3)	MA gamma-BHC...	4.269	3.522	33020587	14556483	10.351	9.580
6)	B beta-BHC	4.469	3.824	17225671	7603519	12.331	11.348
12)	B 4,4'-DDE	6.152	5.165	703221	212486	0.306	0.173 #
14)	MA Endrin	6.528	5.562	102.5E6	60850036	46.996	49.746
16)	A 4,4'-DDD	6.669	5.722	3732656	1998246	2.226m	1.934
17)	MA 4,4'-DDT	6.986	5.975	188.5E6	123.8E6	100.625	106.692
18)	B Endrin al...	6.879	6.042	3131755	2204413	1.856	2.223
20)	A Methoxychlor	7.468	6.559	223.7E6	153.5E6	233.115	223.790
21)	B Endrin ke...	7.599	6.770	4941469	4536496	2.470	3.144 #

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

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Acq On : 09 Aug 2023 08:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

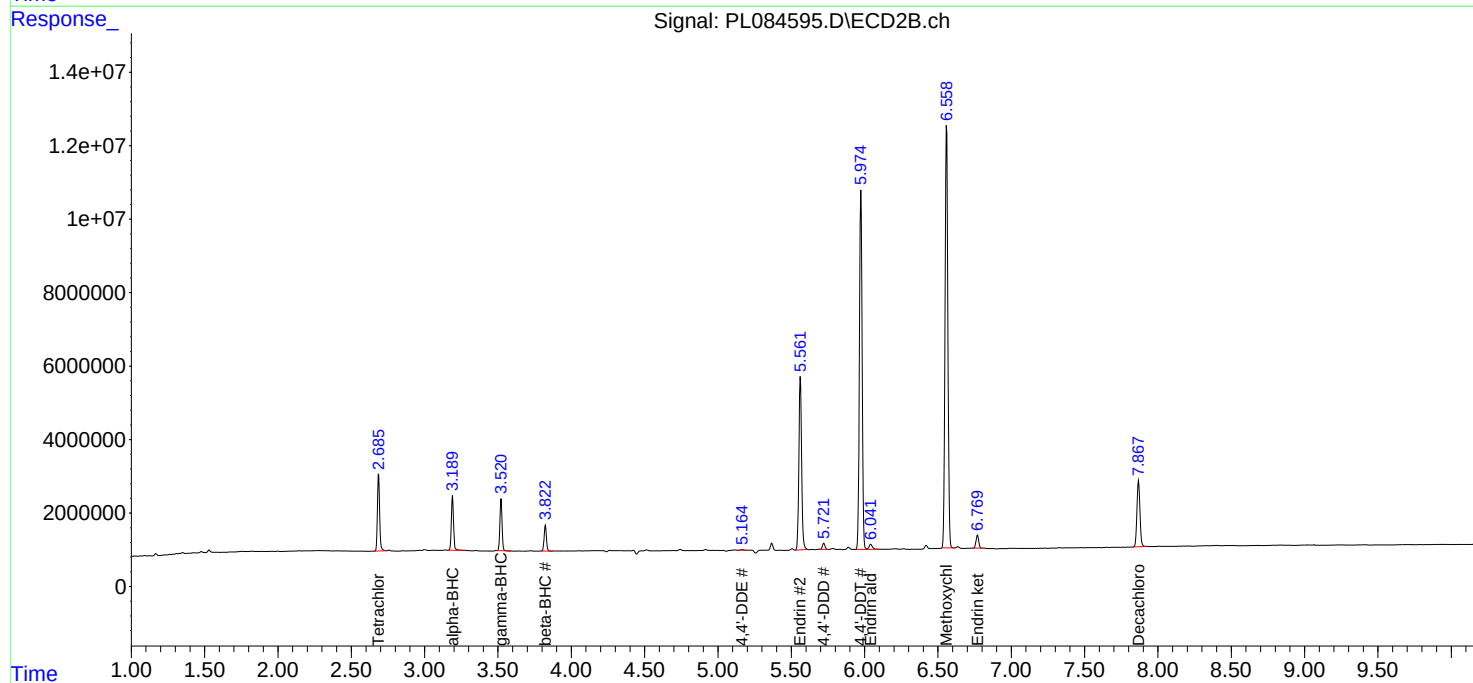
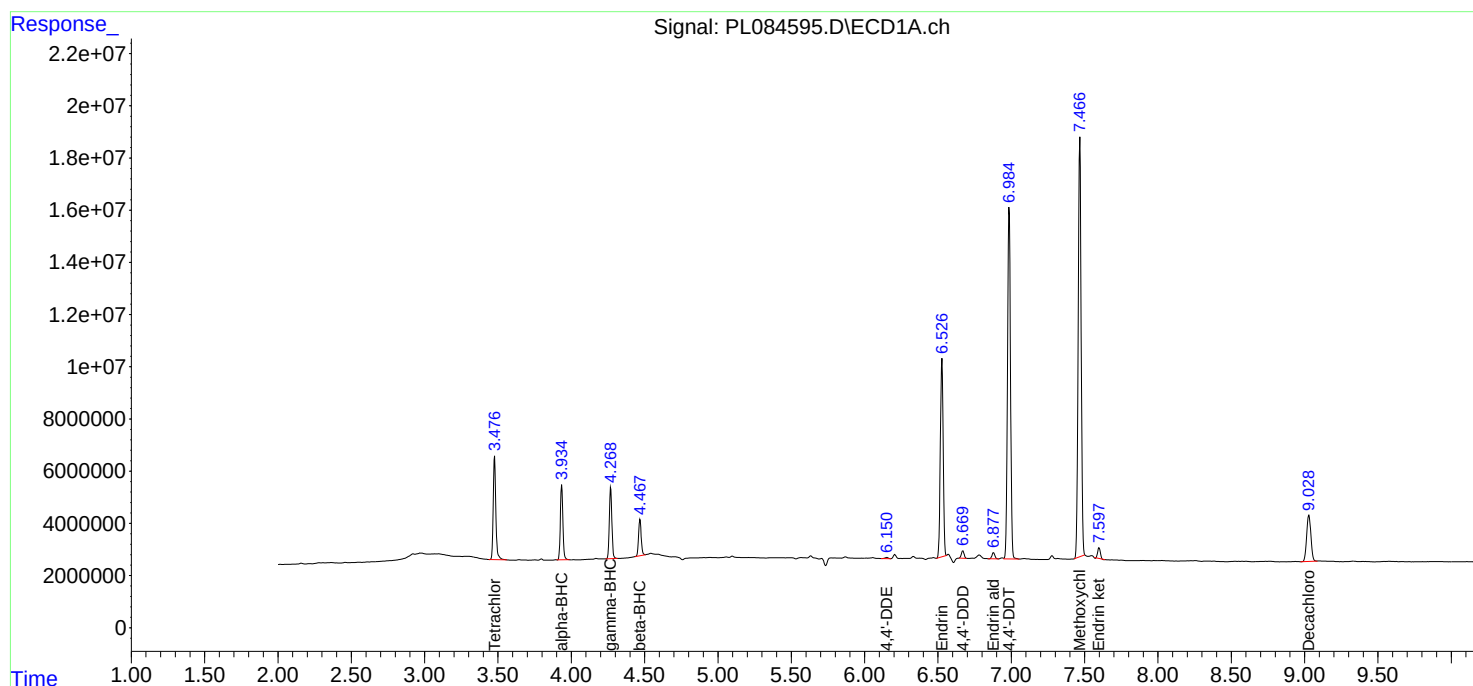
Instrument :
ECD_L
ClientSampleId :
PEM

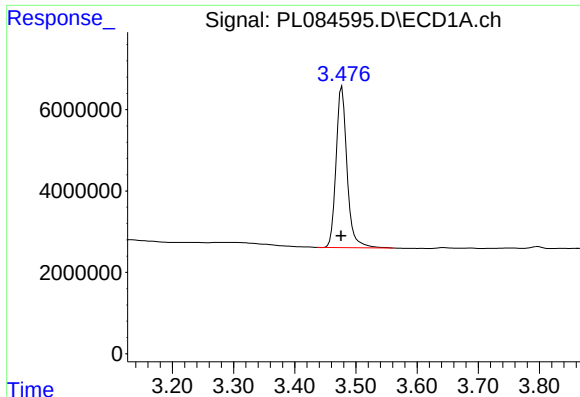
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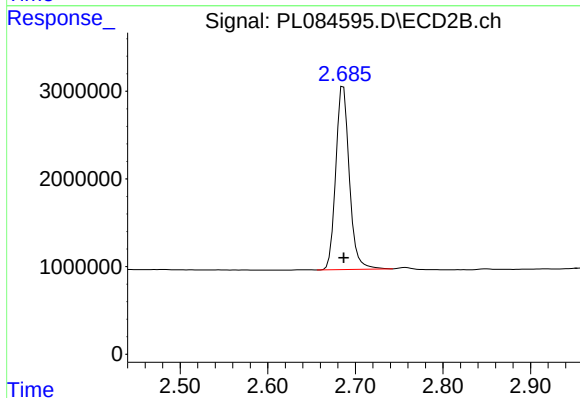
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 49368950
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

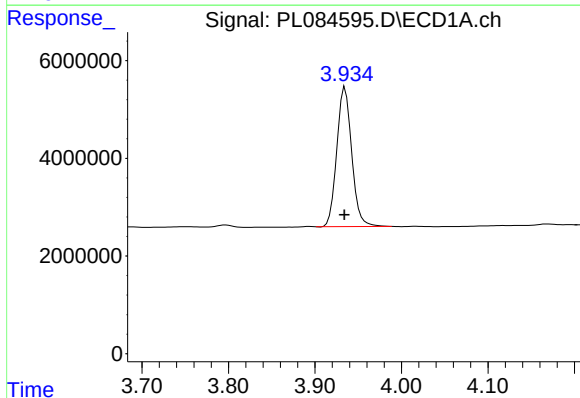
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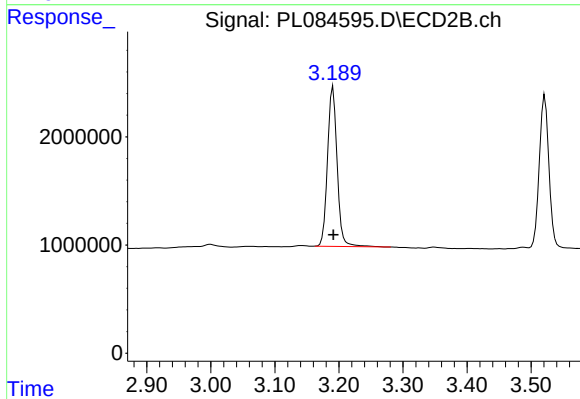
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 22497138
Conc: 20.69 ng/ml



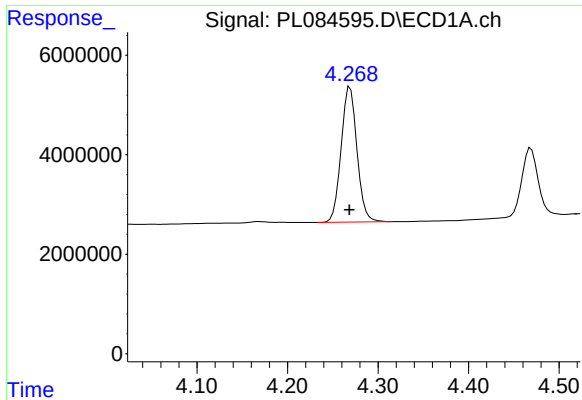
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 34035385
Conc: 10.31 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 15391461
Conc: 9.97 ng/ml



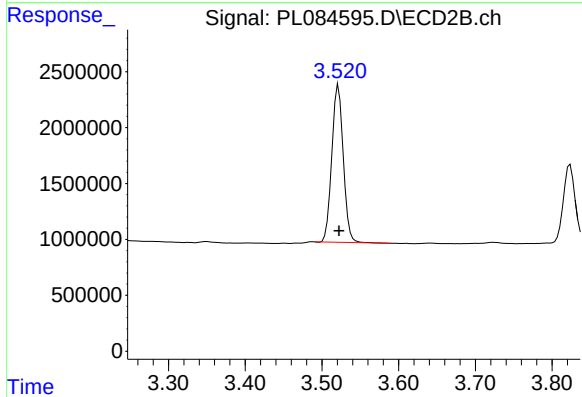
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 33020587
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

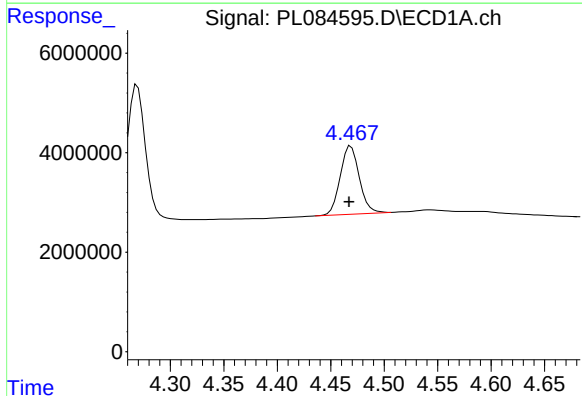
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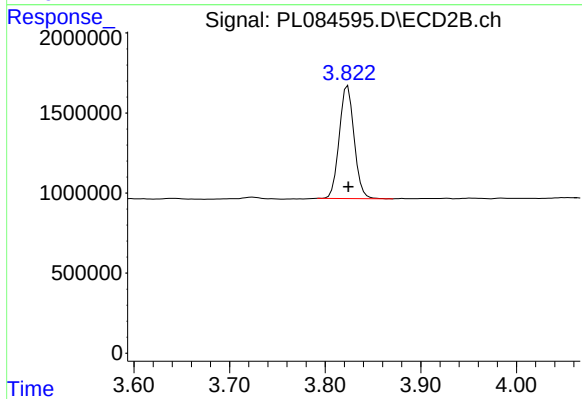
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 14556483
Conc: 9.58 ng/ml



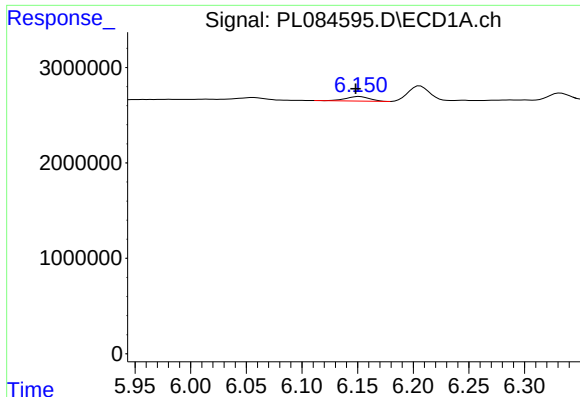
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 17225671
Conc: 12.33 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7603519
Conc: 11.35 ng/ml



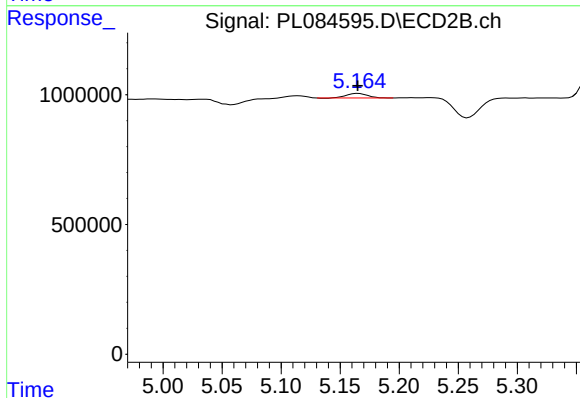
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.003 min
Response: 703221
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

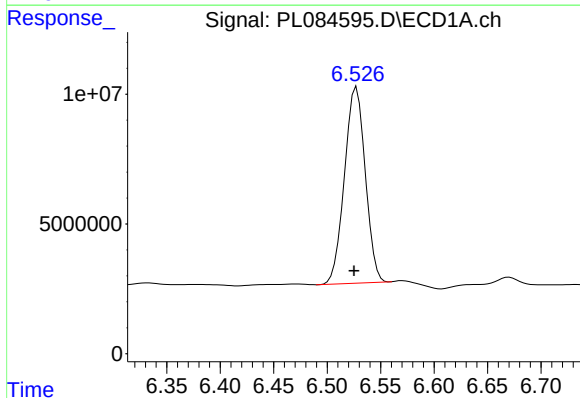
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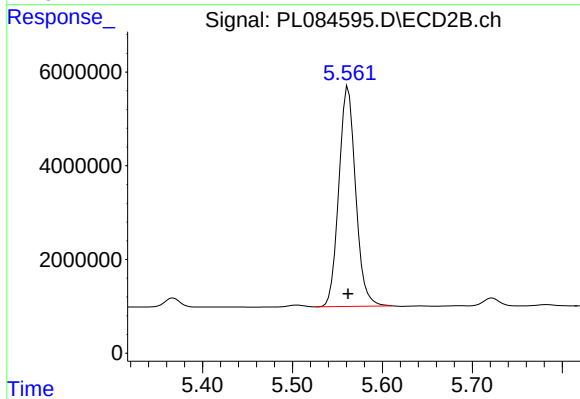
#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 212486
Conc: 0.17 ng/ml



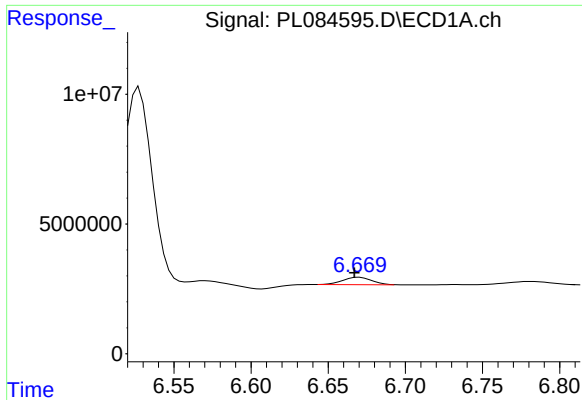
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 102498243
Conc: 47.00 ng/ml



#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 60850036
Conc: 49.75 ng/ml



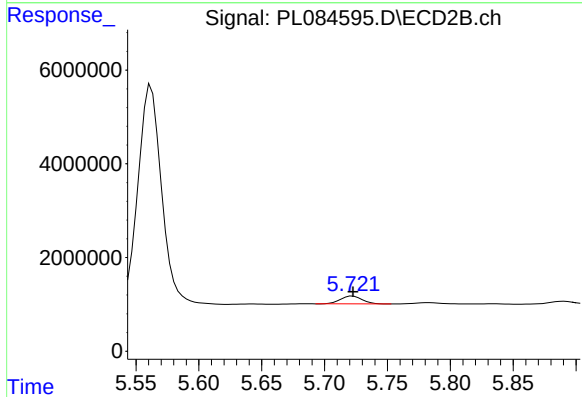
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 3732656
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

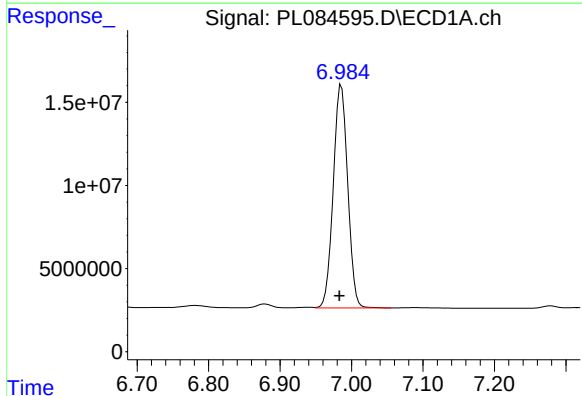
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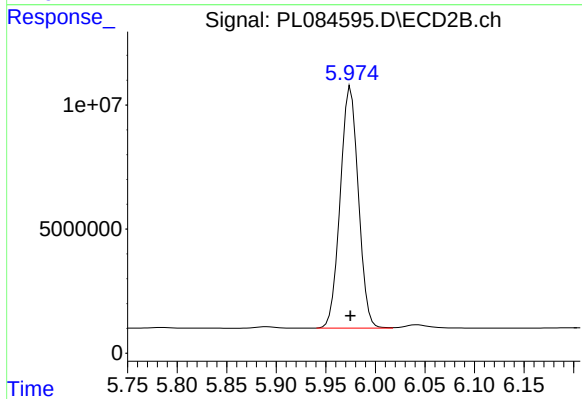
#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 1998246
Conc: 1.93 ng/ml



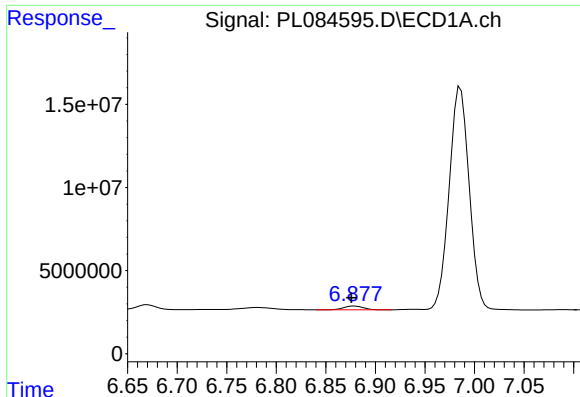
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.003 min
Response: 188542099
Conc: 100.63 ng/ml



#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 123822000
Conc: 106.69 ng/ml



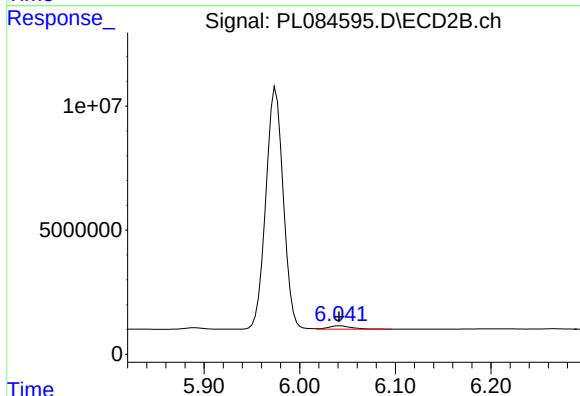
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 3131755
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

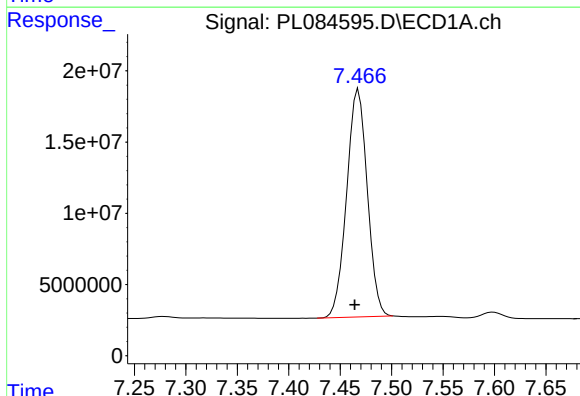
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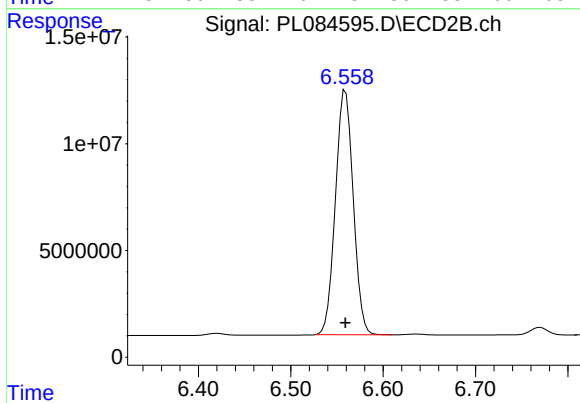
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 2204413
Conc: 2.22 ng/ml



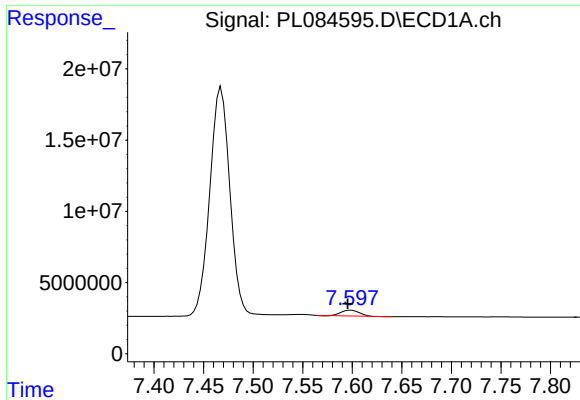
#20 Methoxychlor

R.T.: 7.468 min
Delta R.T.: 0.004 min
Response: 223717475
Conc: 233.11 ng/ml



#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 153542576
Conc: 223.79 ng/ml



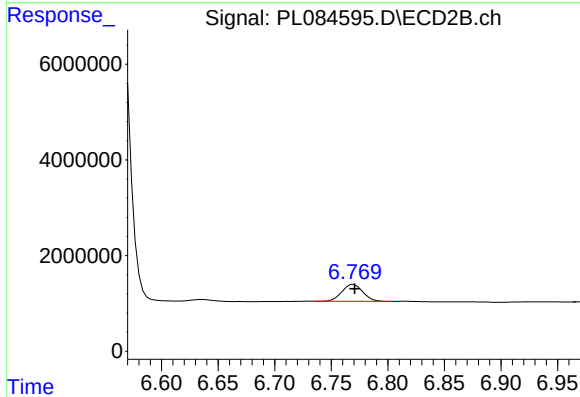
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.003 min
Response: 4941469
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

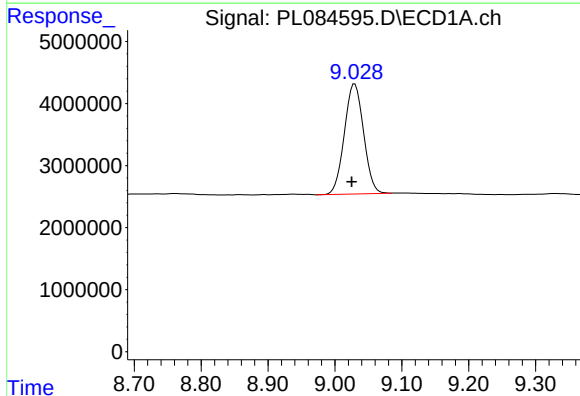
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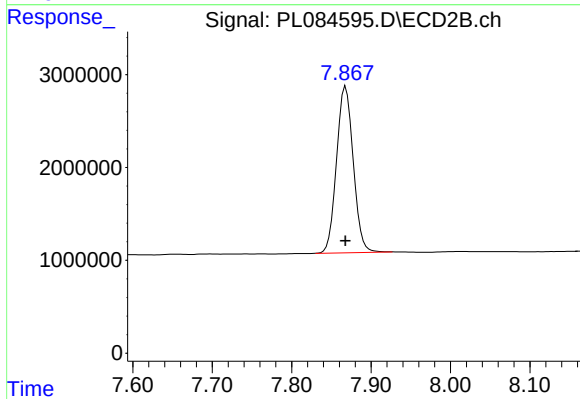
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 4536496
Conc: 3.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: 0.005 min
Response: 35451057
Conc: 21.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 26227341
Conc: 21.04 ng/ml