

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082423\
 Data File : PL084964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2023
 Supervised By : mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 21:55:31 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...	3.478	2.685	46818878	21216556	20.150	19.511
28)	SA Decachlor...	9.028	7.865	33737836	25379159	20.735	20.355
Target Compounds							
2)	A alpha-BHC	3.936	3.190	32177330	14597264	9.747	9.454
3)	MA gamma-BHC...	4.270	3.521	31888236	13802736	9.996	9.084
6)	B beta-BHC	4.470	3.823	16135529	7044593	11.551	10.514
12)	B 4,4'-DDE	6.151	5.161	429039	139433	0.187	0.113m#
14)	MA Endrin	6.527	5.561	96841660	57987043	44.403	47.406
16)	A 4,4'-DDD	6.669	5.720	2206514	1138062	1.316	1.101
17)	MA 4,4'-DDT	6.986	5.973	180.0E6	121.3E6	96.083	104.514
18)	B Endrin al...	6.879	6.040	2562172	1964613	1.519	1.981 #
20)	A Methoxychlor	7.467	6.557	216.2E6	154.6E6	225.270	225.384
21)	B Endrin ke...	7.598	6.768	3746393	3631905	1.873	2.517 #

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

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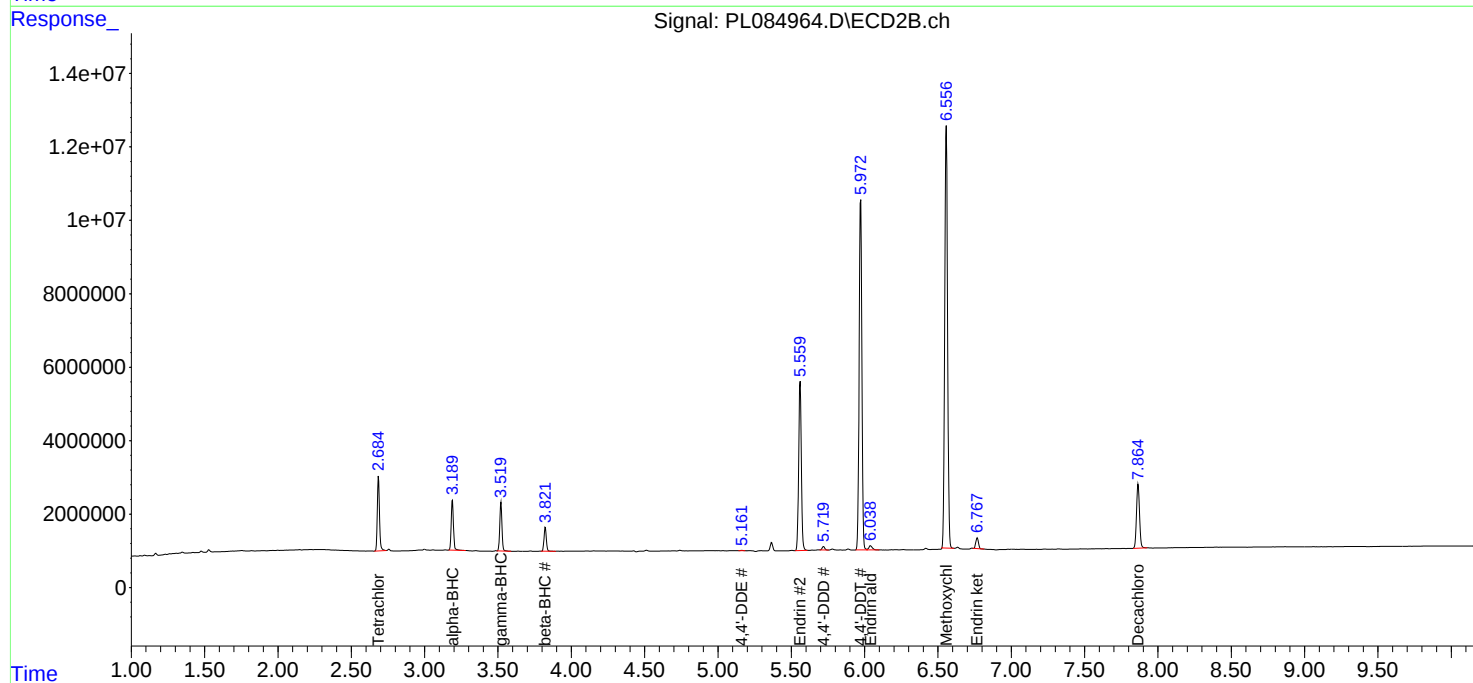
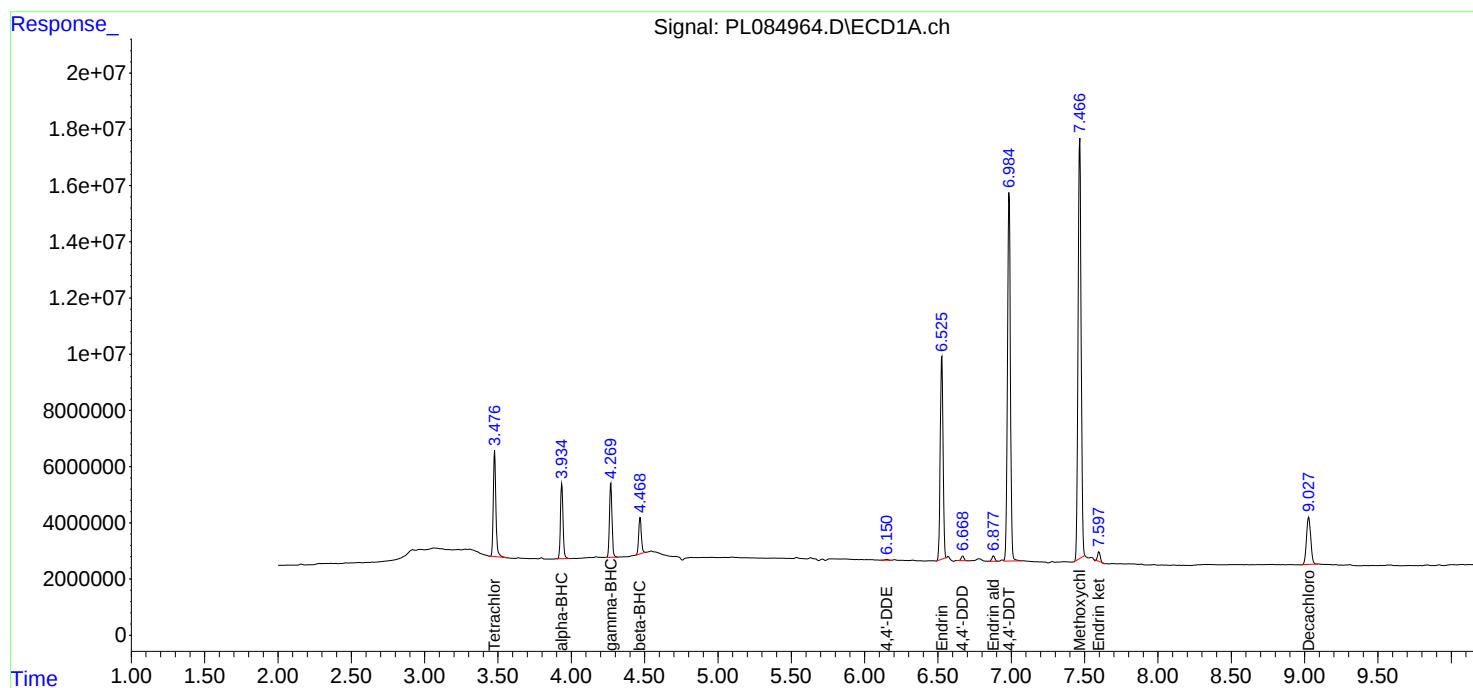
Instrument :
ECD_L
ClientSampleId :
PEM

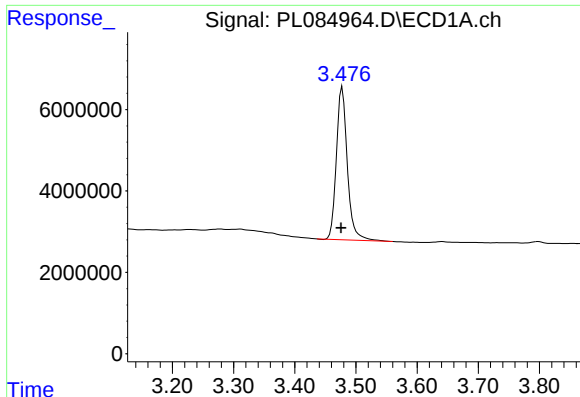
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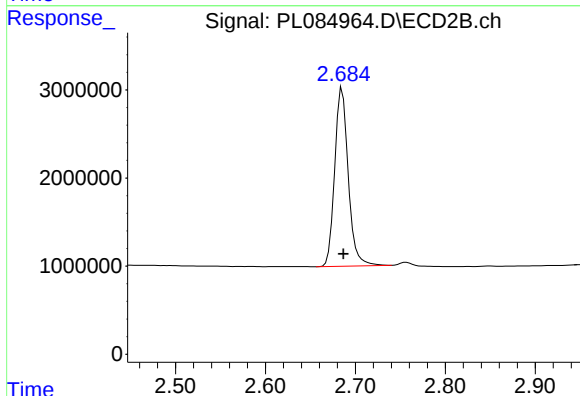
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 46818878
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

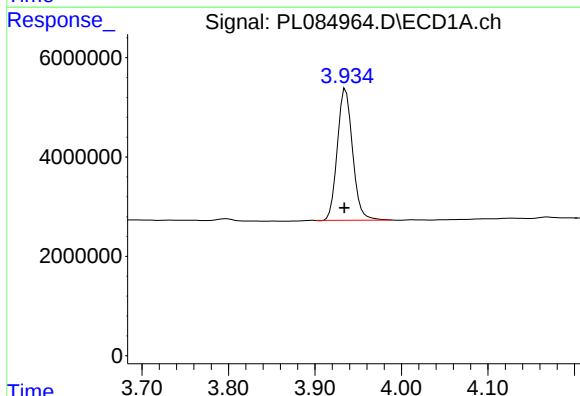
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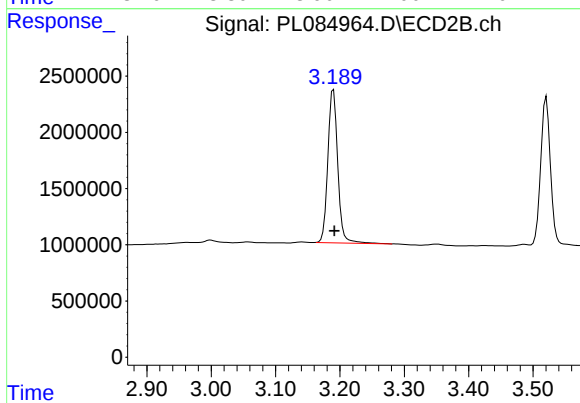
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 21216556
Conc: 19.51 ng/ml



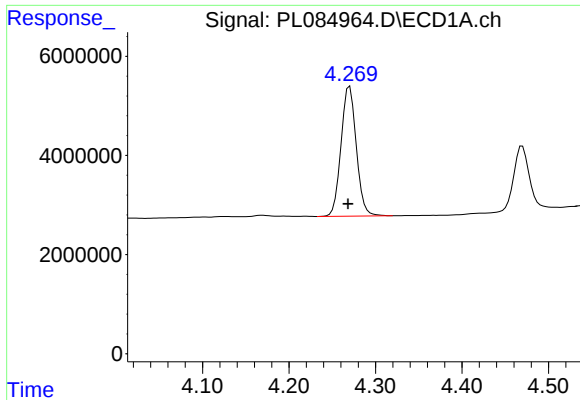
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 32177330
Conc: 9.75 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 14597264
Conc: 9.45 ng/ml



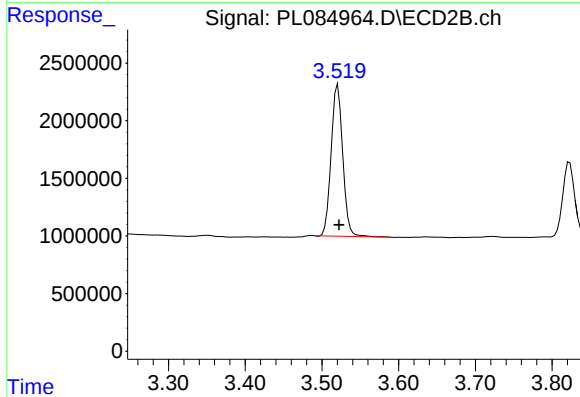
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: 0.002 min
Response: 31888236
Conc: 10.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

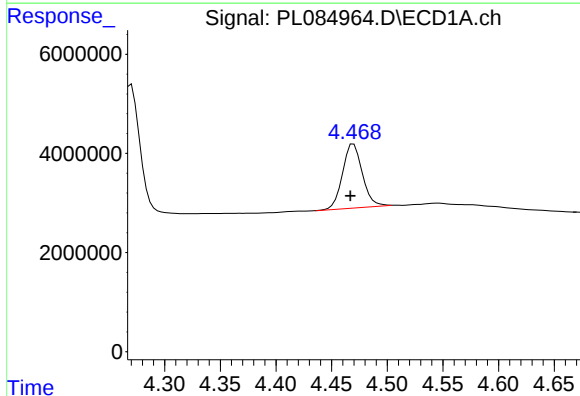
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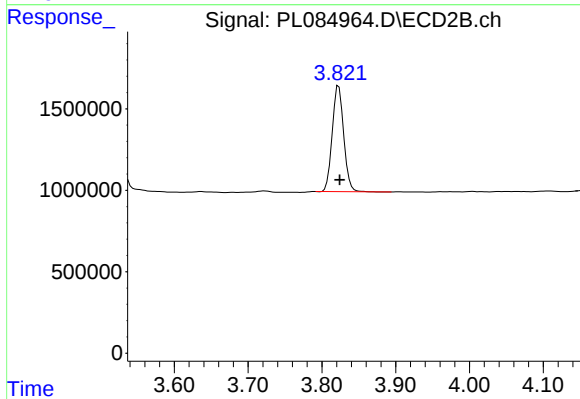
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 13802736
Conc: 9.08 ng/ml



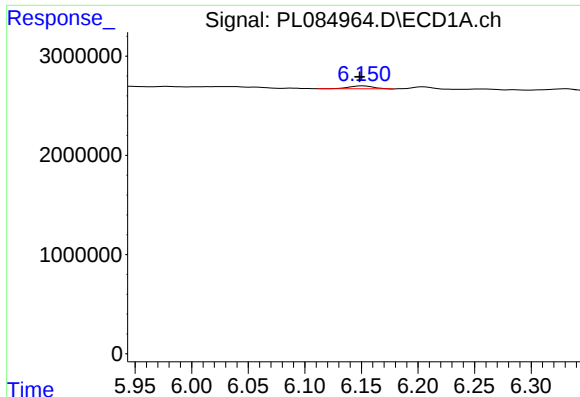
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.003 min
Response: 16135529
Conc: 11.55 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 7044593
Conc: 10.51 ng/ml



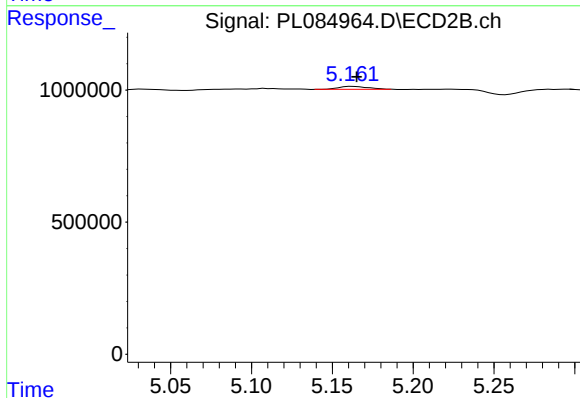
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.003 min
Response: 429039
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

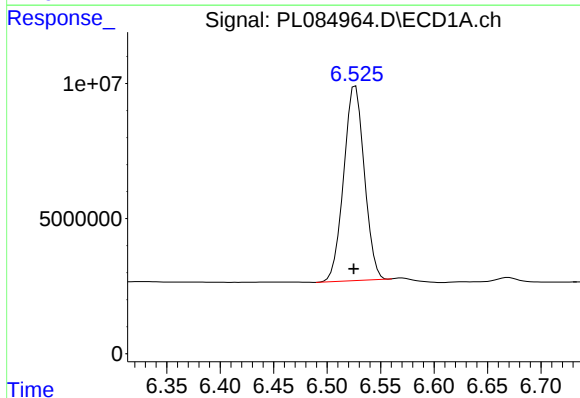
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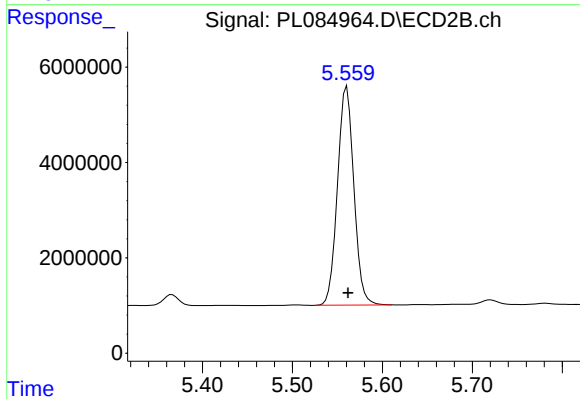
#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 139433
Conc: 0.11 ng/ml m



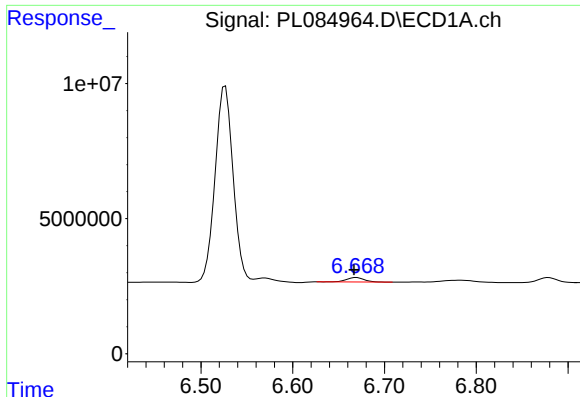
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 96841660
Conc: 44.40 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 57987043
Conc: 47.41 ng/ml



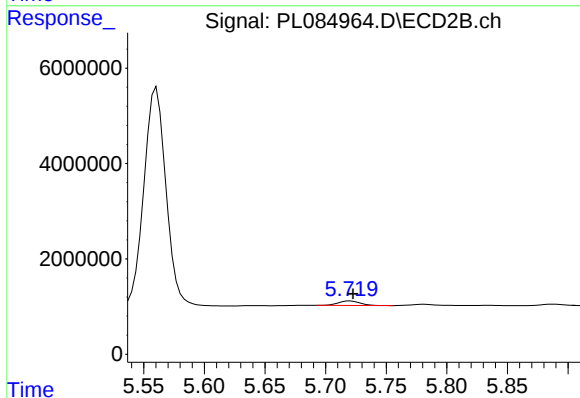
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 2206514
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

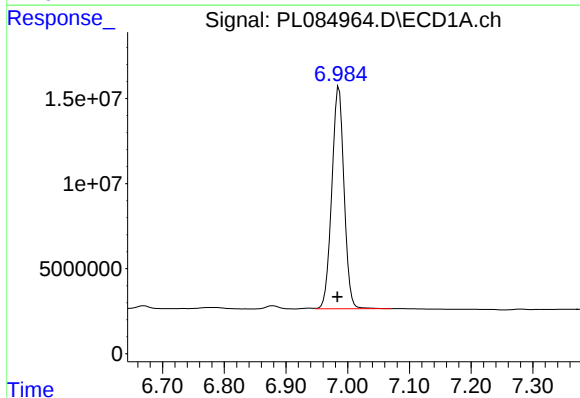
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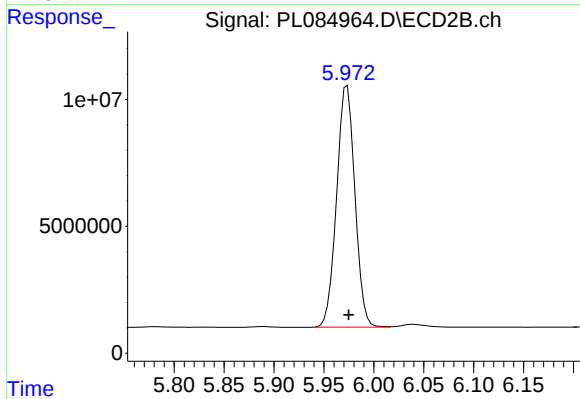
#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 1138062
Conc: 1.10 ng/ml



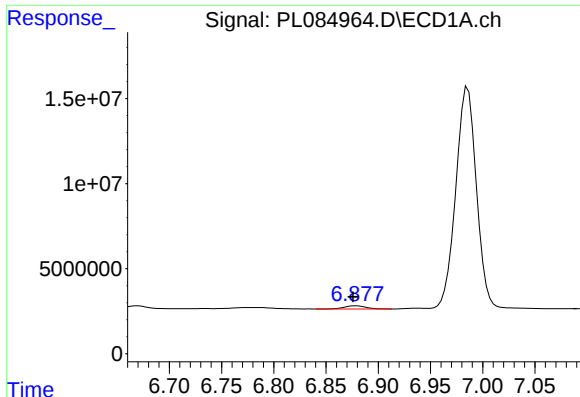
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 180031858
Conc: 96.08 ng/ml



#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 121294648
Conc: 104.51 ng/ml



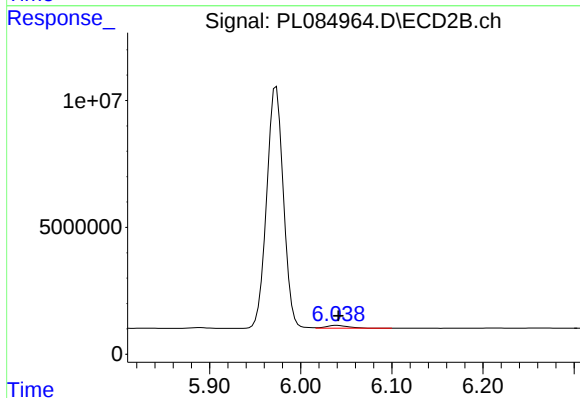
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 2562172
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

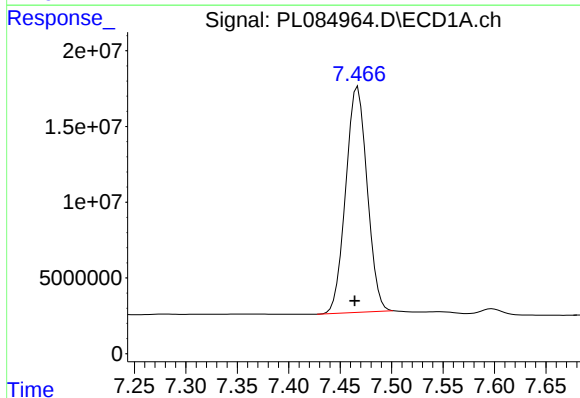
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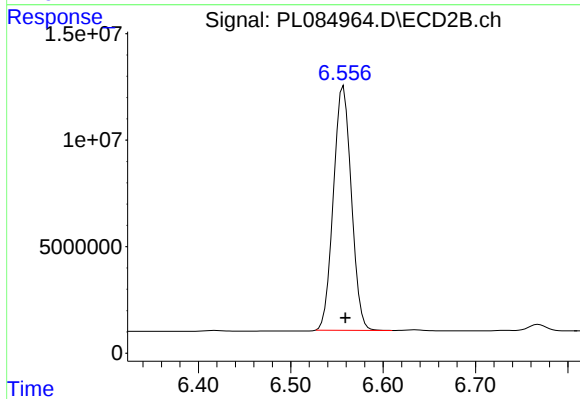
#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 1964613
Conc: 1.98 ng/ml



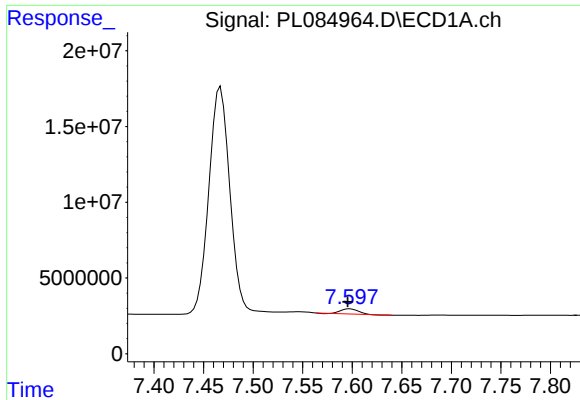
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 216189071
Conc: 225.27 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 154636119
Conc: 225.38 ng/ml



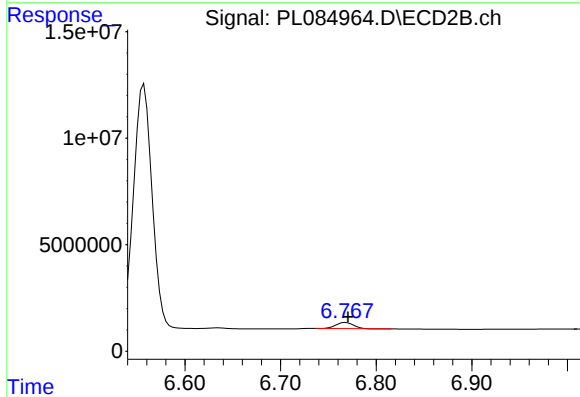
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 3746393
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

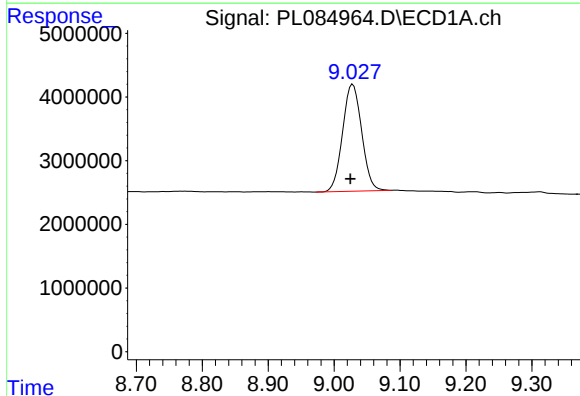
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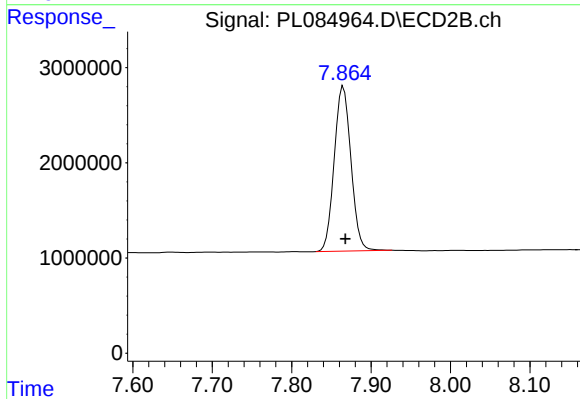
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 3631905
Conc: 2.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 33737836
Conc: 20.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.003 min
Response: 25379159
Conc: 20.36 ng/ml