

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
 Data File : PL084186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 16:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul
 Mirza

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 21:31:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

07/26/2023
 Supervised By : Ankita
 Jodhani

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	07/26/2023
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System Monitoring Compounds

1) SA Tetrachlo...	3.476	2.688	42325129	21141125	21.164	19.036	
28) SA Decachlor...	9.022	7.869	30224583	24381102	23.220	21.943	

Target Compounds

2) A alpha-BHC	3.933	3.193	28829595	14229432	9.840	8.850	
3) MA gamma-BHC...	4.267	3.523	27553852	13361726	9.752	8.787	
6) B beta-BHC	4.466	3.825	14487878	6927025	12.075	10.495	
12) B 4,4'-DDE	6.147	5.167	736084	313947	0.366	0.256 #	
14) MA Endrin	6.524	5.564	86227258	53685855	45.277	48.839	
16) A 4,4'-DDD	6.666	5.724	5907234	3565173	4.023	3.716	
17) MA 4,4'-DDT	6.982	5.976	151.2E6	108.0E6	94.799	118.628 #	
18) B Endrin al...	6.876	6.043	2764569	2070849	1.887	2.304	
20) A Methoxychlor	7.462	6.561	183.3E6	135.5E6	234.359m	282.784	
21) B Endrin ke...	7.594	6.772	4696423	4365538	2.680	3.379 #	

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

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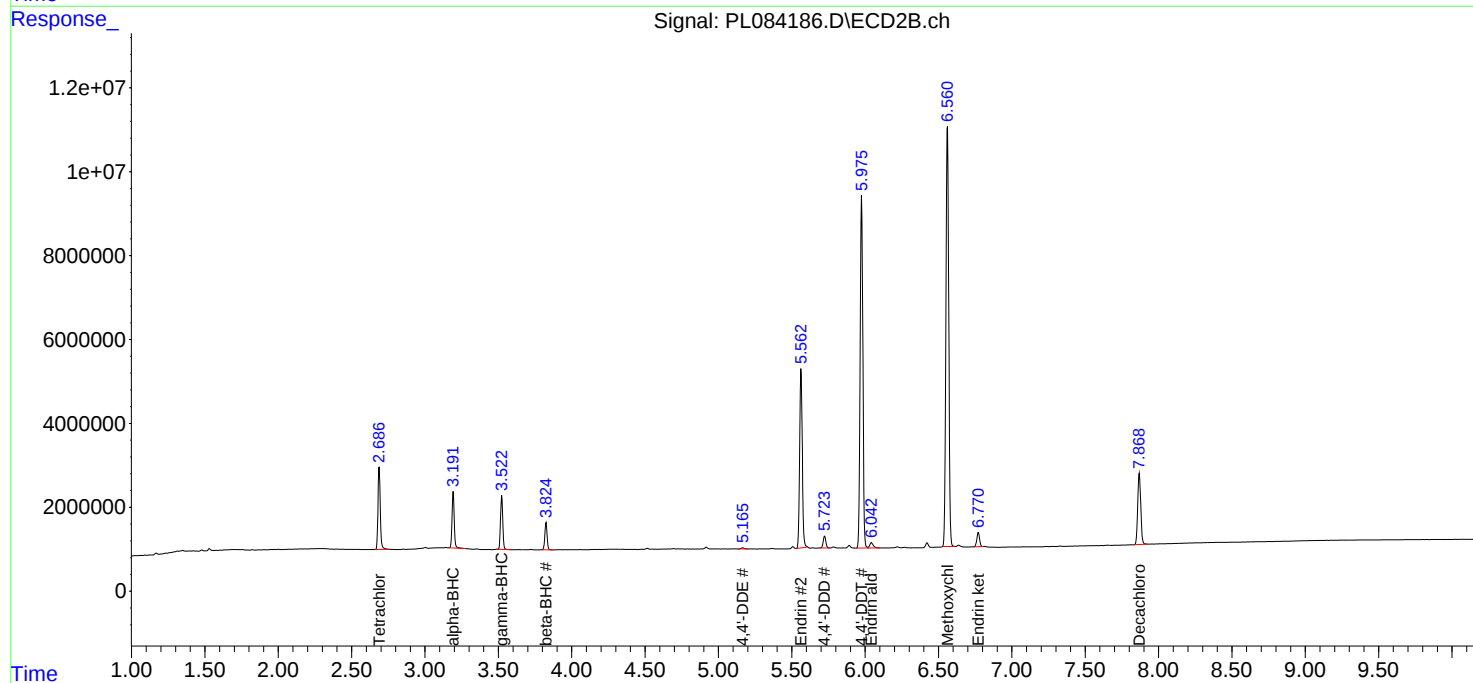
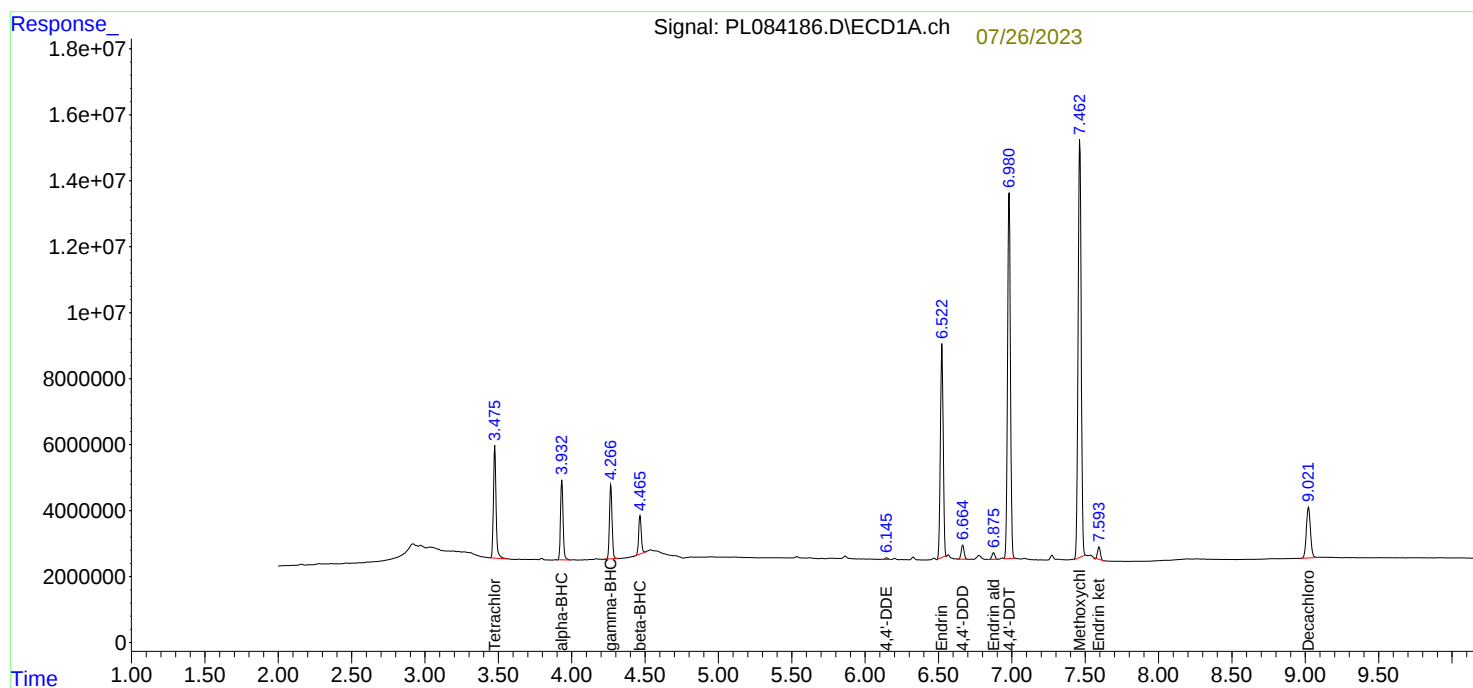
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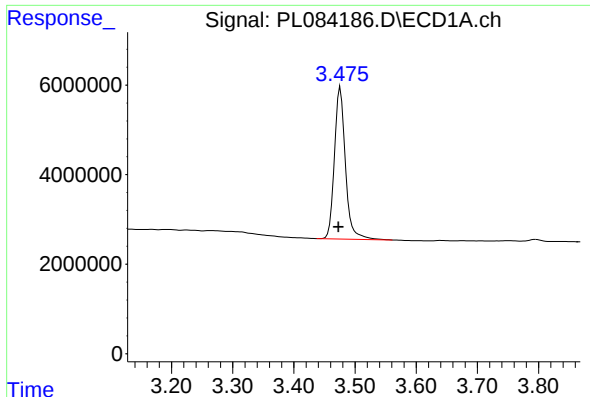
Reviewed By :Abdul
Mirza

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 21:31:11 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





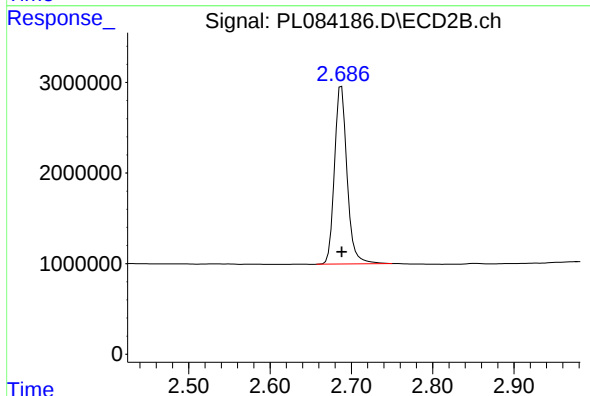
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 42325129
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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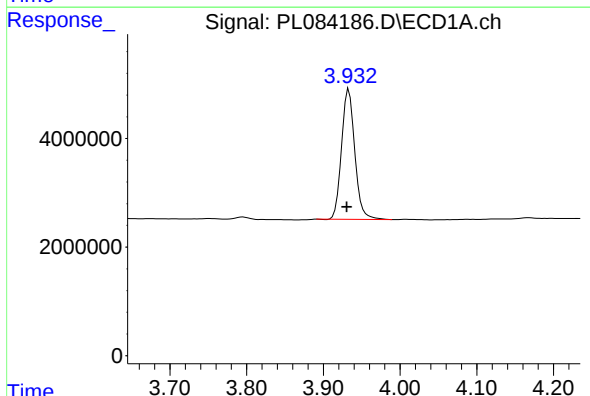


#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 21141125
Conc: 19.04 ng/ml

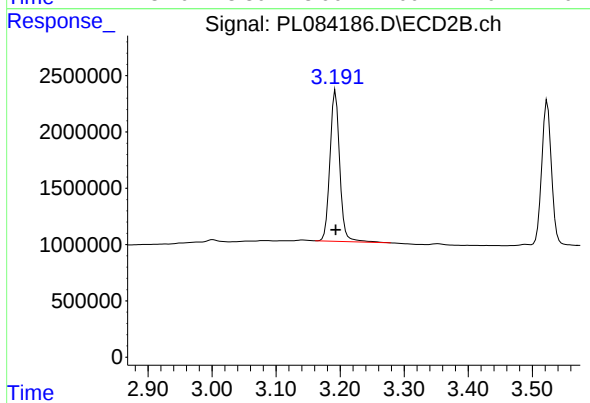
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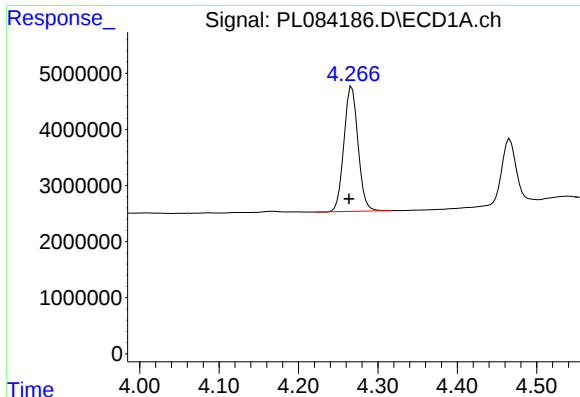
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.003 min
Response: 28829595
Conc: 9.84 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 14229432
Conc: 8.85 ng/ml



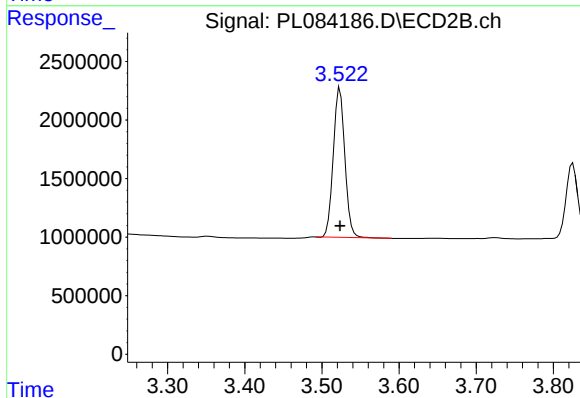
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 27553852
Conc: 9.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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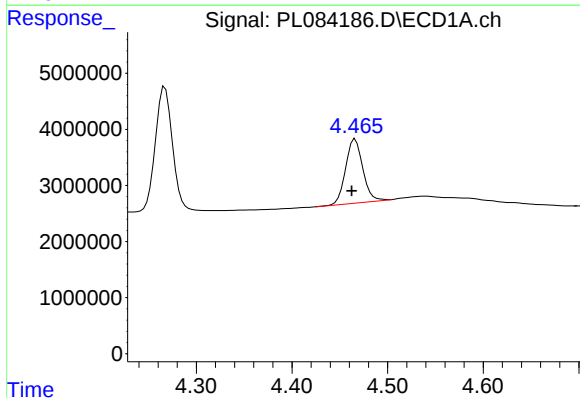


#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13361726
Conc: 8.79 ng/ml

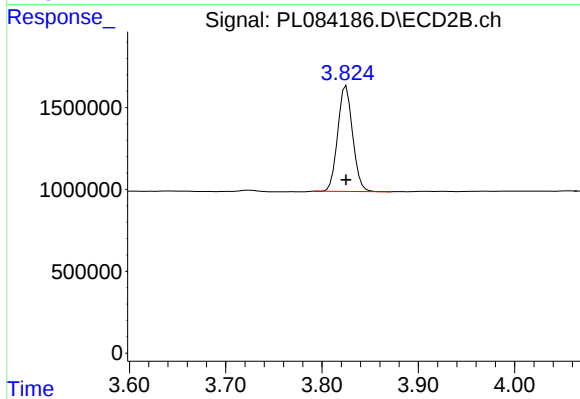
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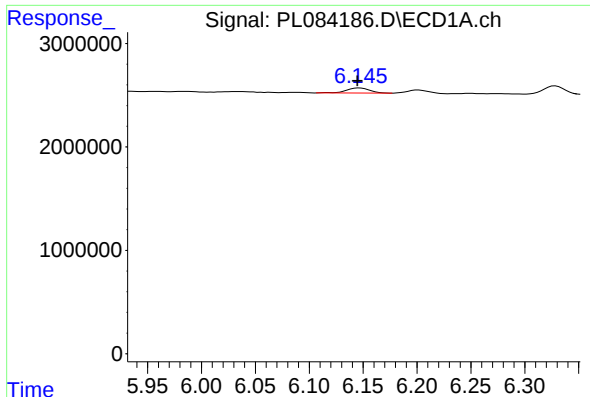
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.004 min
Response: 14487878
Conc: 12.07 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6927025
Conc: 10.49 ng/ml



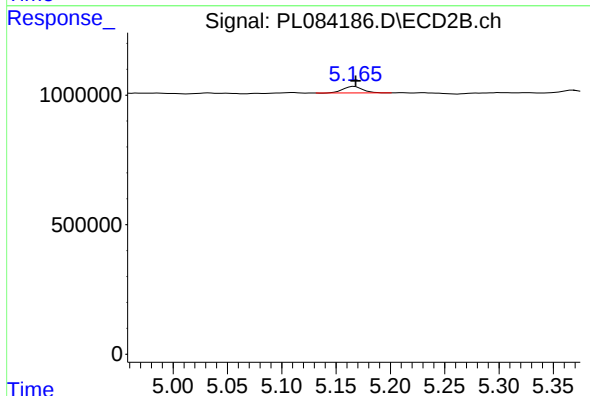
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 736084
Conc: 0.37 ng/ml

Instrument :
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ClientSampleId :
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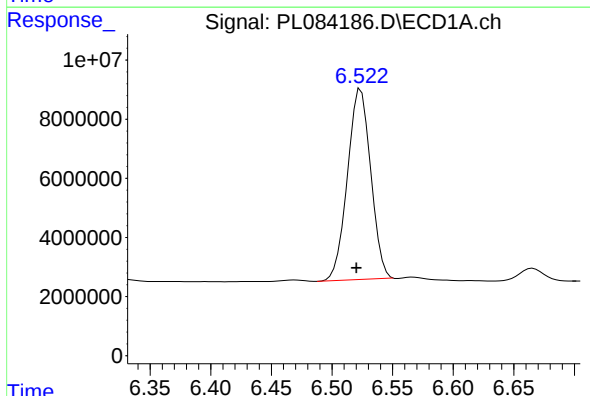


#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 313947
Conc: 0.26 ng/ml

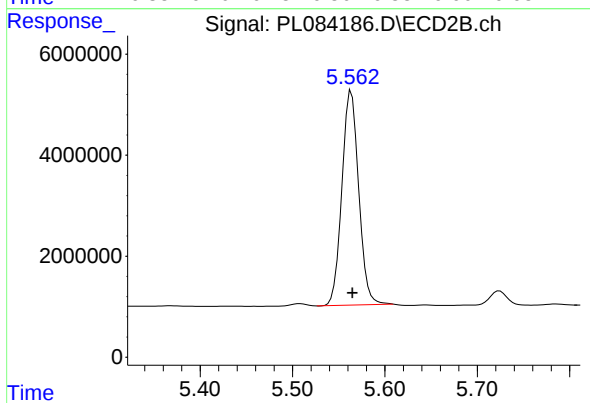
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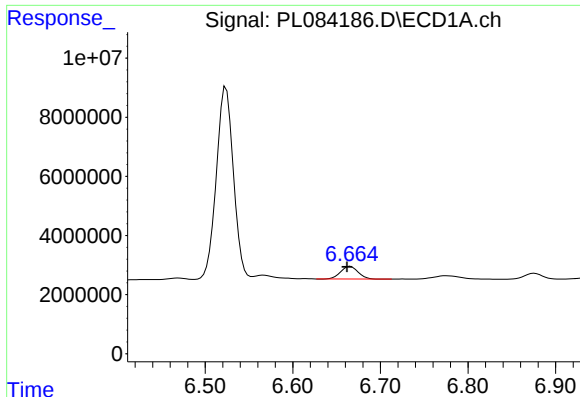
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 86227258
Conc: 45.28 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 53685855
Conc: 48.84 ng/ml



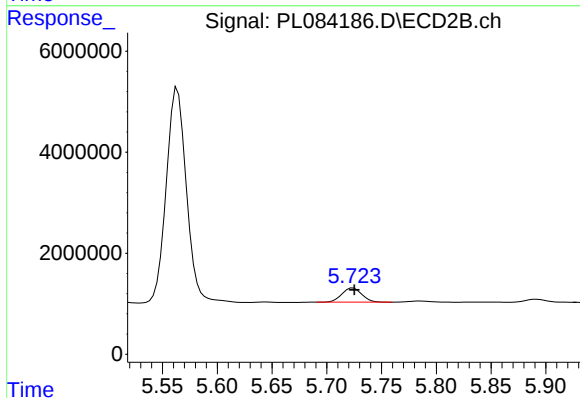
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.003 min
Response: 5907234
Conc: 4.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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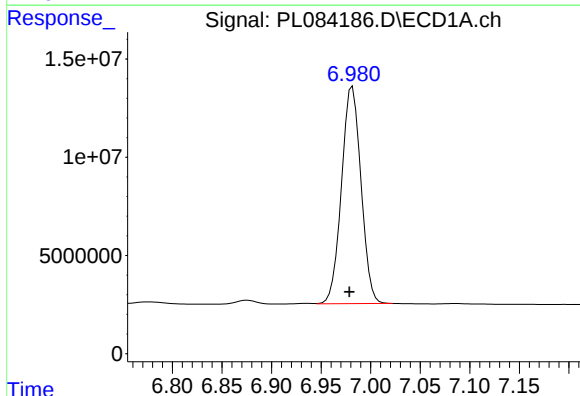


#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 3565173
Conc: 3.72 ng/ml

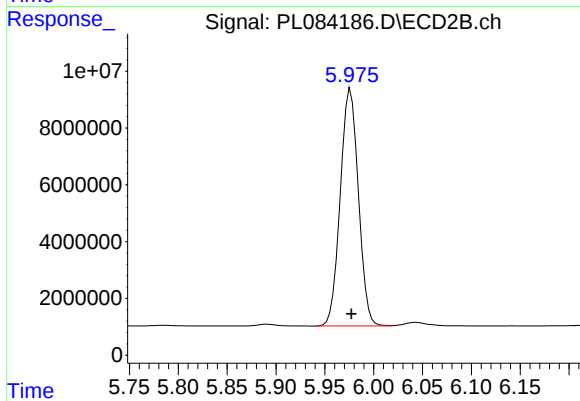
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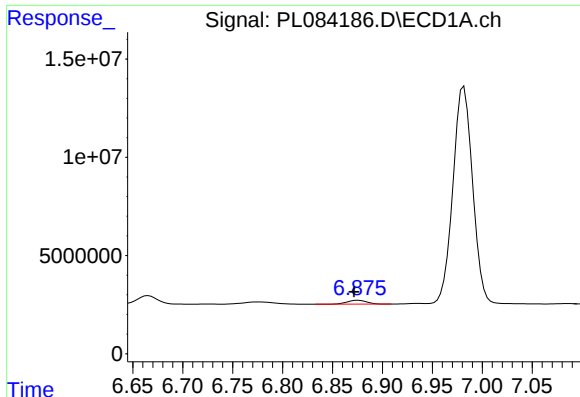
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 151184409
Conc: 94.80 ng/ml



#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 108045345
Conc: 118.63 ng/ml



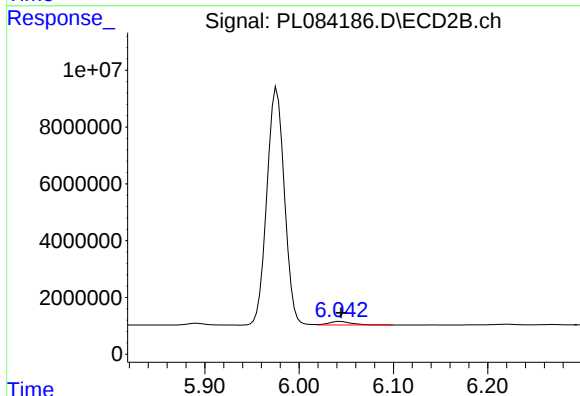
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 2764569
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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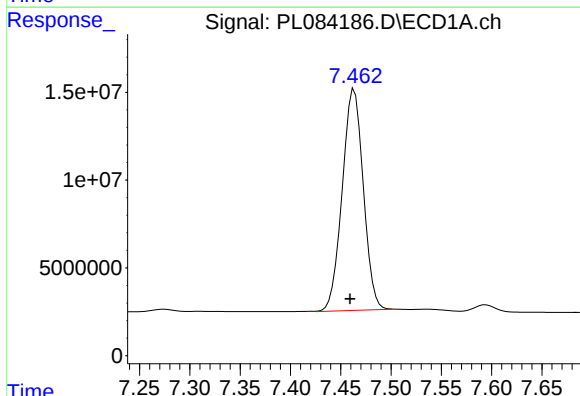


#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2070849
Conc: 2.30 ng/ml

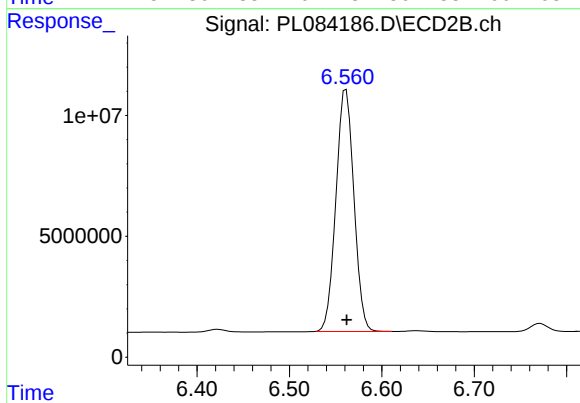
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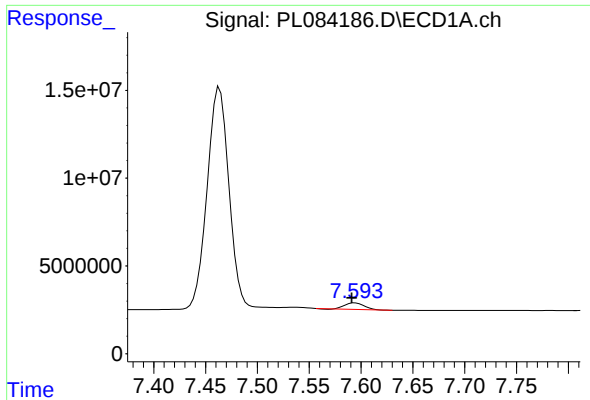
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 183320790
Conc: 234.36 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 135521778
Conc: 282.78 ng/ml



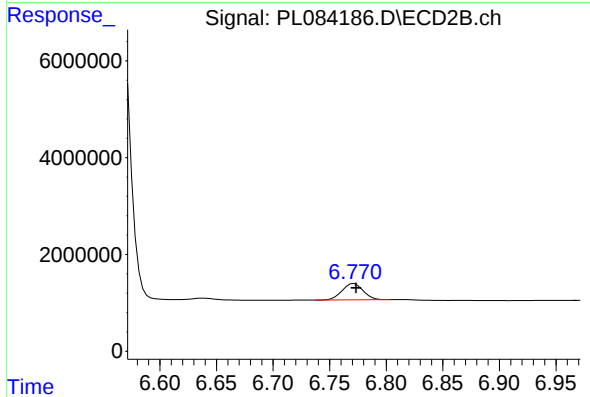
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 4696423
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
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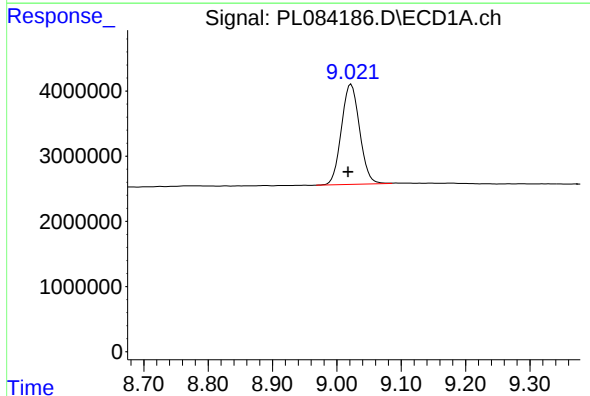


#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 4365538
Conc: 3.38 ng/ml

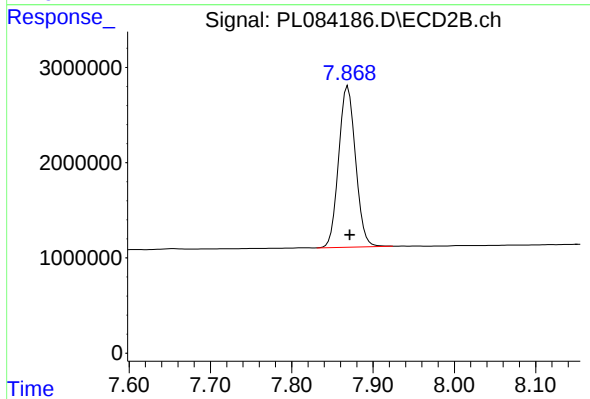
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#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.005 min
Response: 30224583
Conc: 23.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 24381102
Conc: 21.94 ng/ml