

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072123\
 Data File : PL084077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 18:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2023
 Supervised By : Ankita Jodhani 07/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 18:38:42 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

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...	3.476	2.688	44848306	21948049	22.425	19.763
28)	SA Decachlor...	9.023	7.870	31815365	25712087	24.442	23.141
Target Compounds							
2)	A alpha-BHC	3.933	3.192	30561129	14902456	10.431	9.268
3)	MA gamma-BHC...	4.267	3.523	29233445	13985097	10.347	9.197
6)	B beta-BHC	4.466	3.825	14599293	7245423	12.168	10.977
12)	B 4,4'-DDE	6.148	5.167	383719	115693	0.191m	0.094 #
14)	MA Endrin	6.523	5.564	94790342	59653036	49.774m	54.267
16)	A 4,4'-DDD	6.664	5.723	2683352	1308632	1.827m	1.364m#
17)	MA 4,4'-DDT	6.981	5.977	171.3E6	118.7E6	107.421	130.366
18)	B Endrin al...	6.875	6.042	2588715	1631793	1.767m	1.815m
20)	A Methoxychlor	7.462	6.561	209.7E6	151.5E6	268.144m	316.043
21)	B Endrin ke...	7.593	6.770	4312966	2975464	2.461m	2.303m

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

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Acq On : 19 Jul 2023 18:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

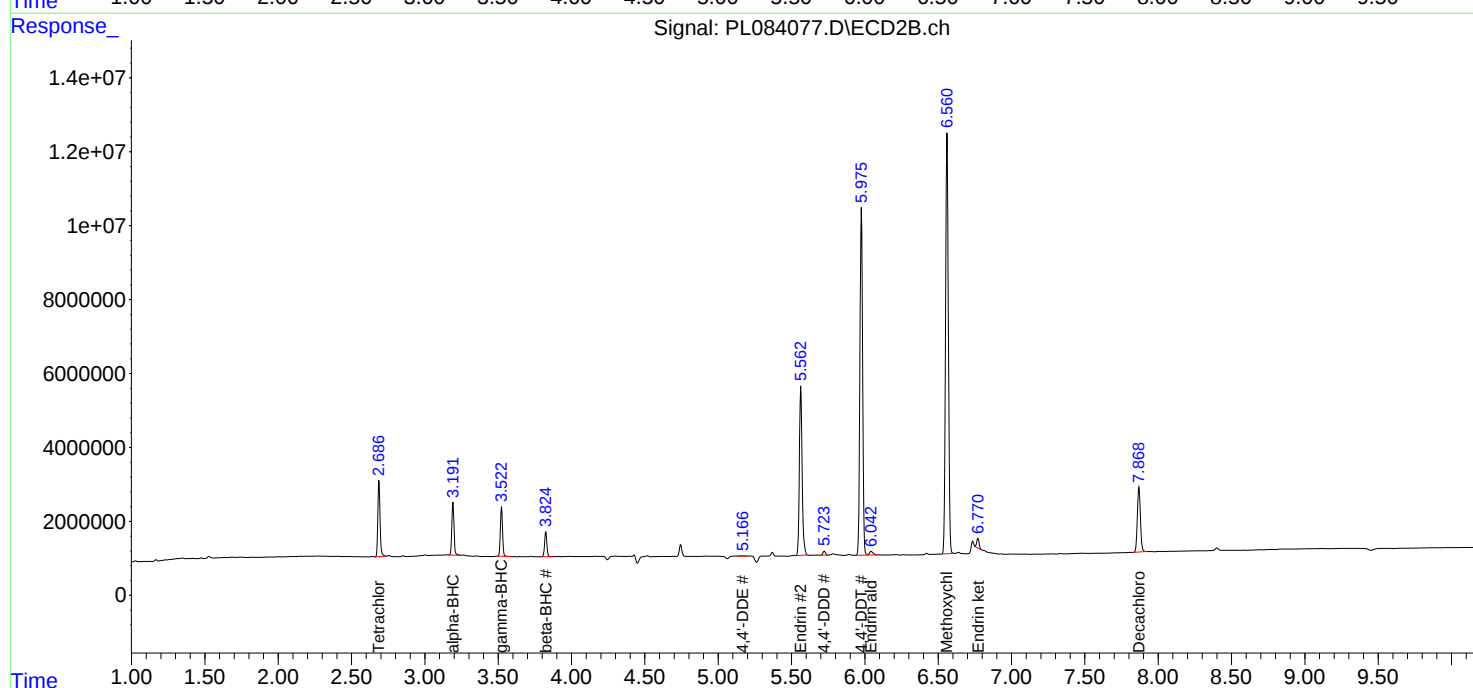
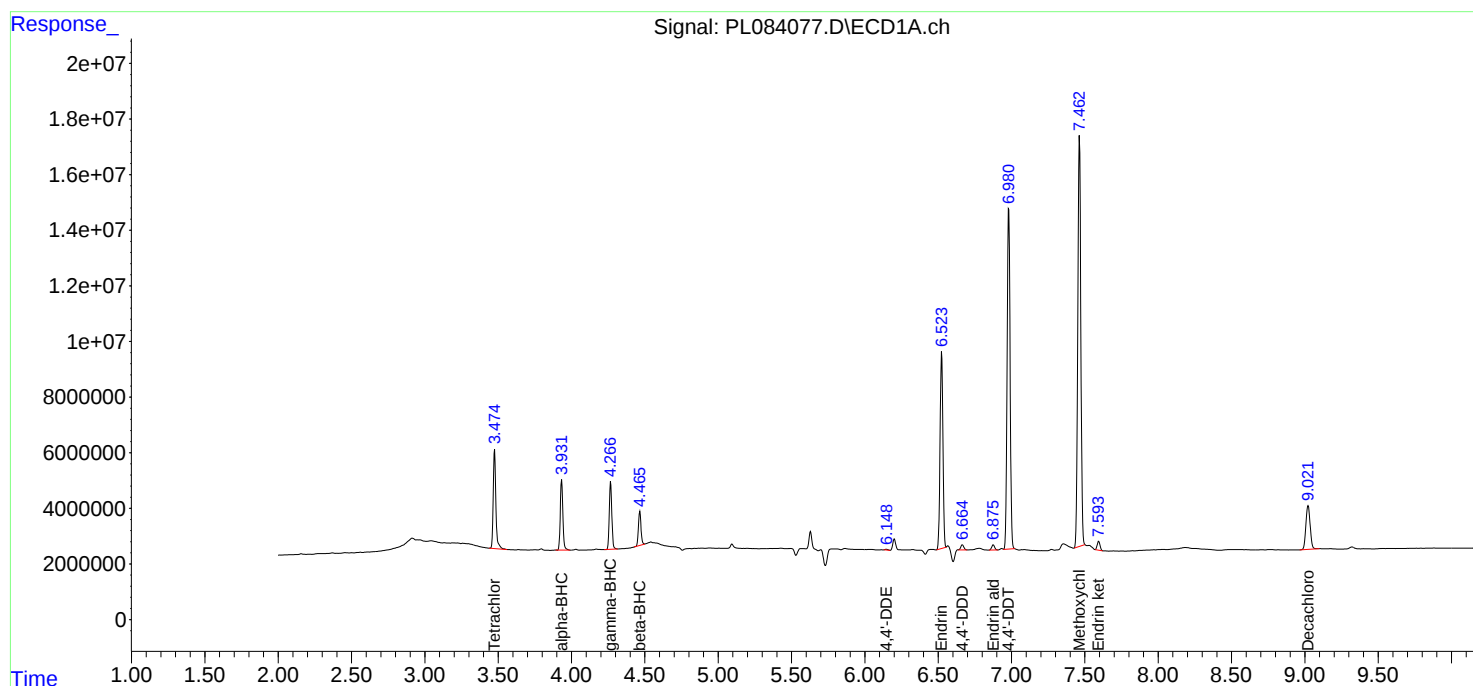
Instrument :
ECD_L
ClientSampleId :
PEM

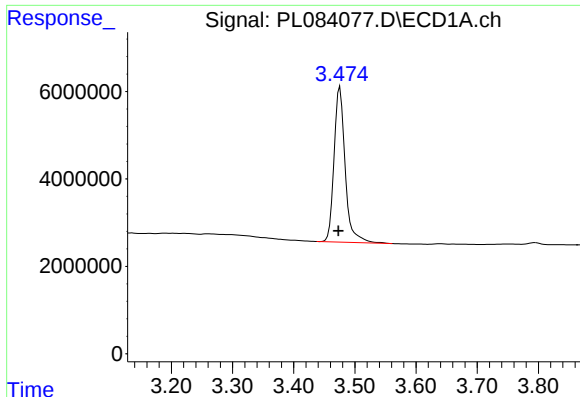
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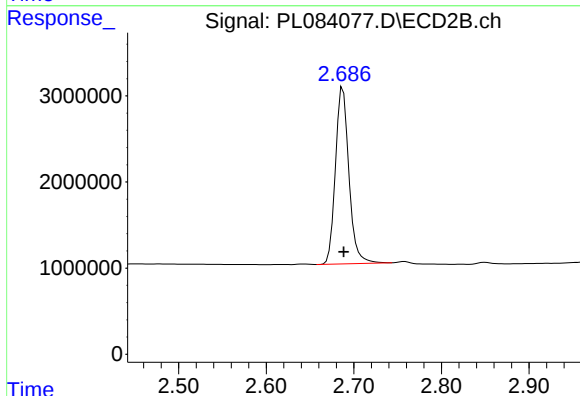
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 44848306
Conc: 22.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

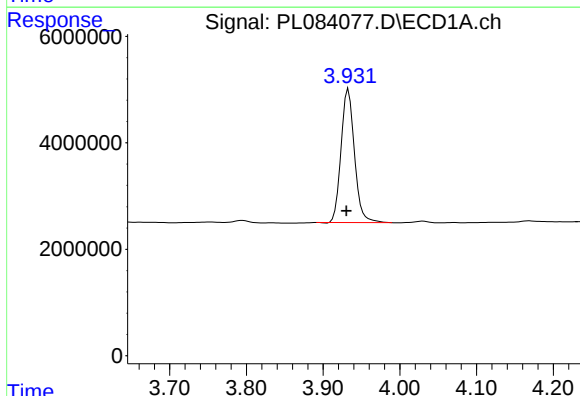
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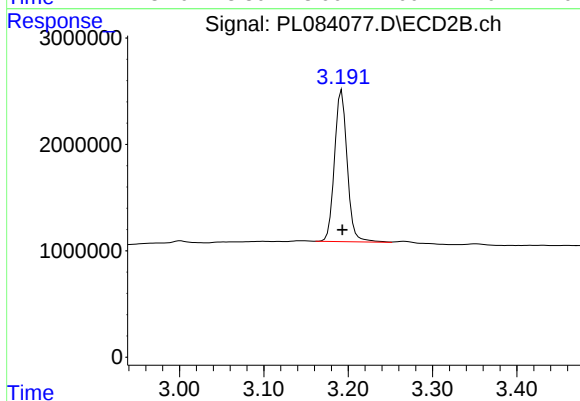
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 21948049
Conc: 19.76 ng/ml



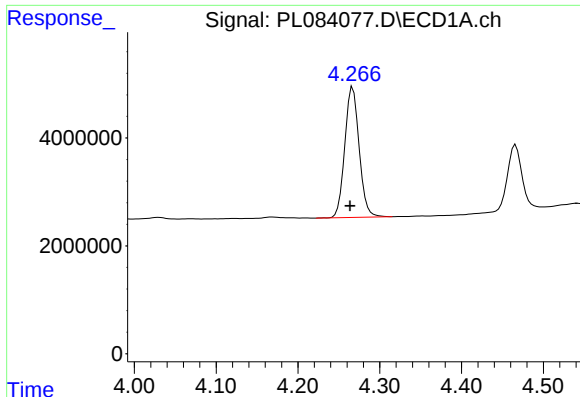
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 30561129
Conc: 10.43 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 14902456
Conc: 9.27 ng/ml



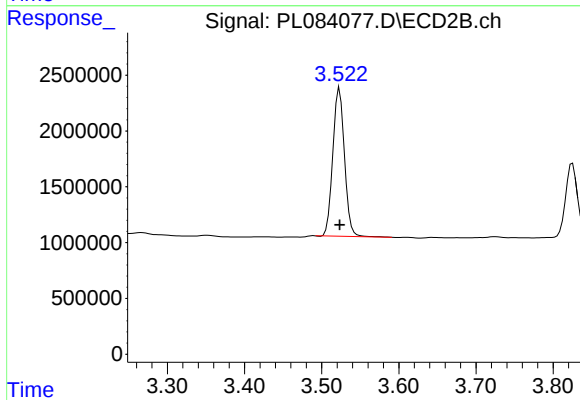
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 29233445
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

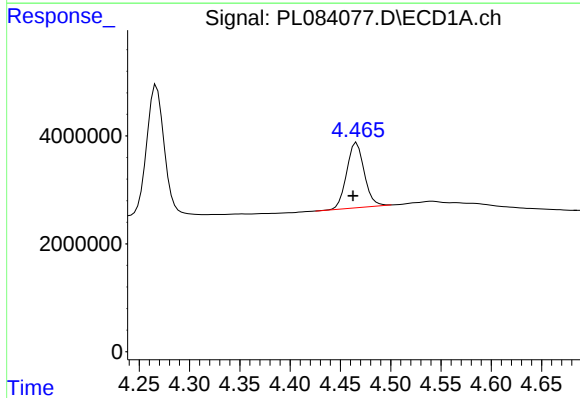
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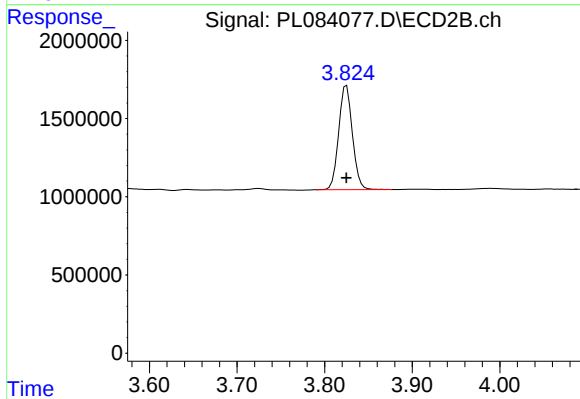
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13985097
Conc: 9.20 ng/ml



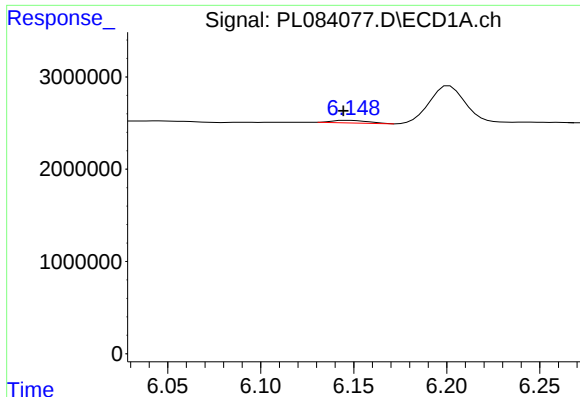
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.004 min
Response: 14599293
Conc: 12.17 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7245423
Conc: 10.98 ng/ml



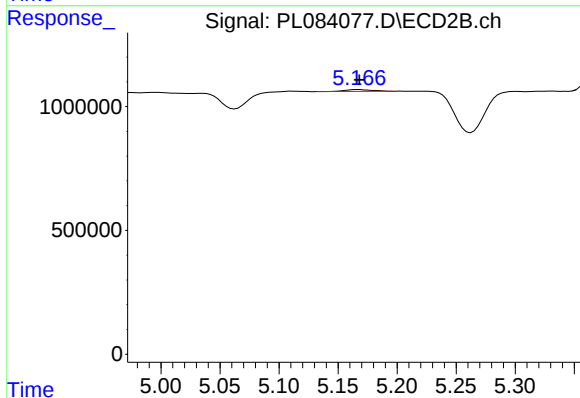
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 383719
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

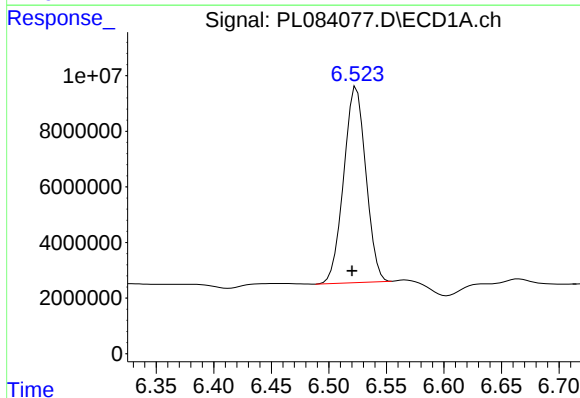
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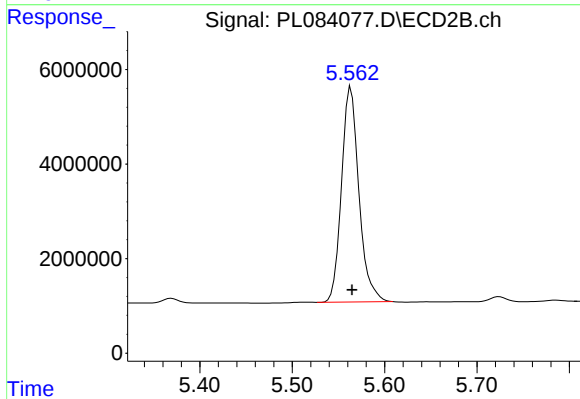
#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 115693
Conc: 0.09 ng/ml



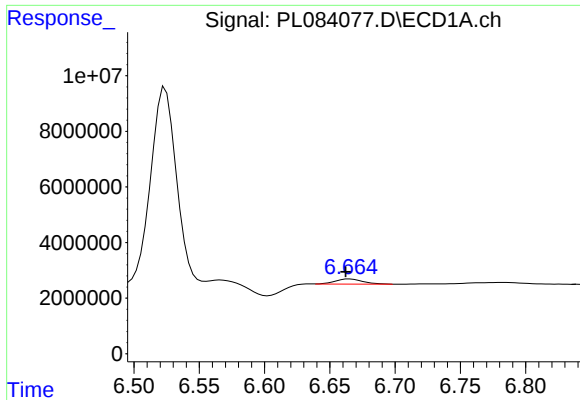
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.002 min
Response: 94790342
Conc: 49.77 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 59653036
Conc: 54.27 ng/ml



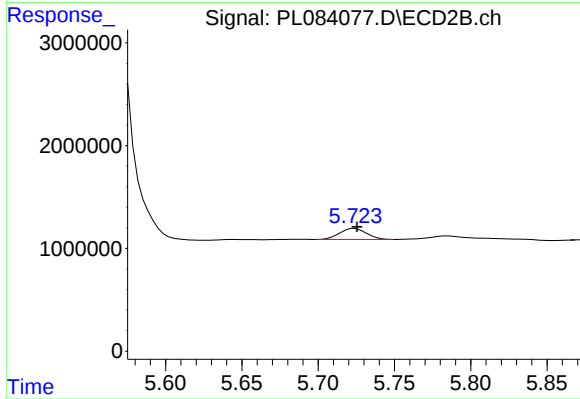
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 2683352
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

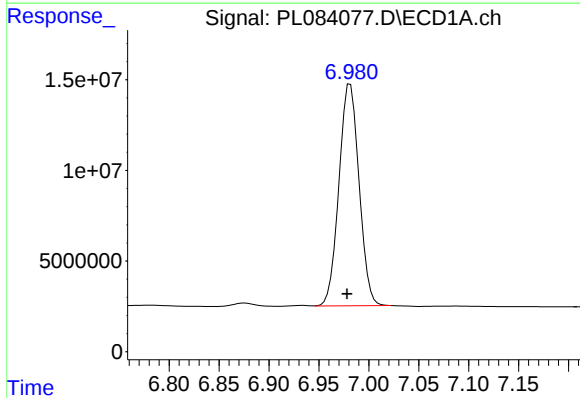
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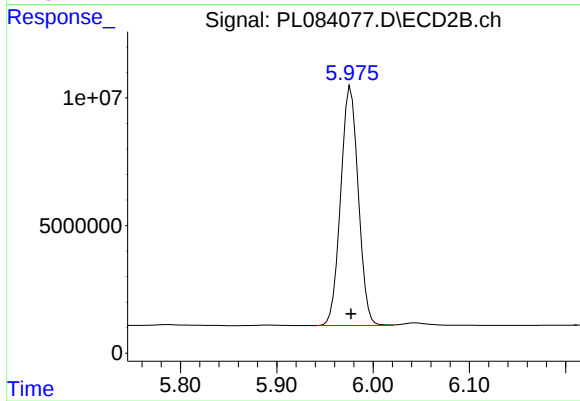
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 1308632
Conc: 1.36 ng/ml m



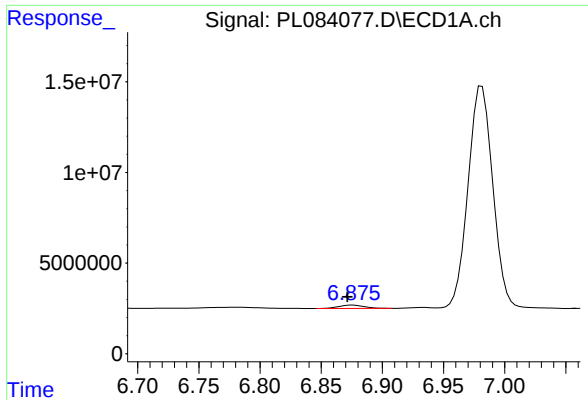
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.003 min
Response: 171313801
Conc: 107.42 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 118737001
Conc: 130.37 ng/ml



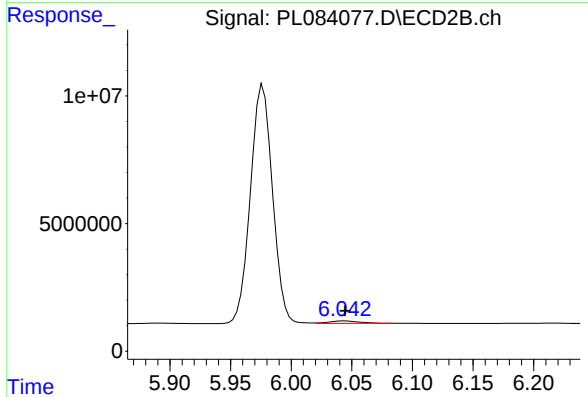
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.003 min
Response: 2588715
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

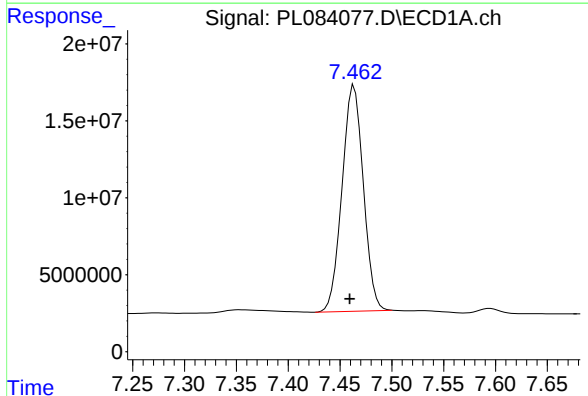
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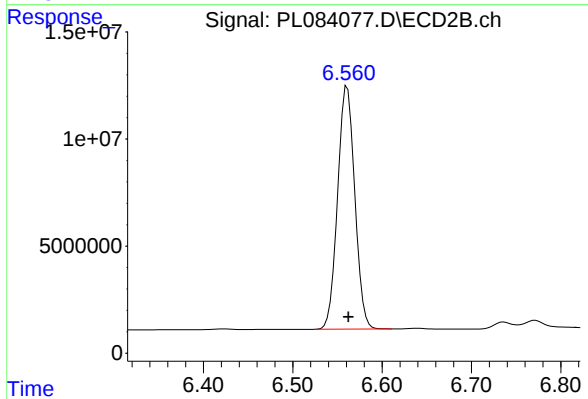
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 1631793
Conc: 1.82 ng/ml m



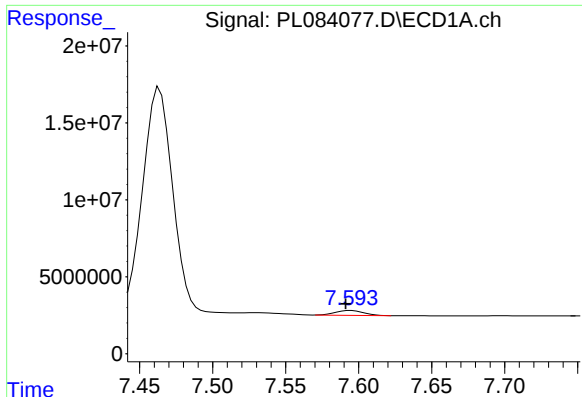
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 209748061
Conc: 268.14 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 151460989
Conc: 316.04 ng/ml



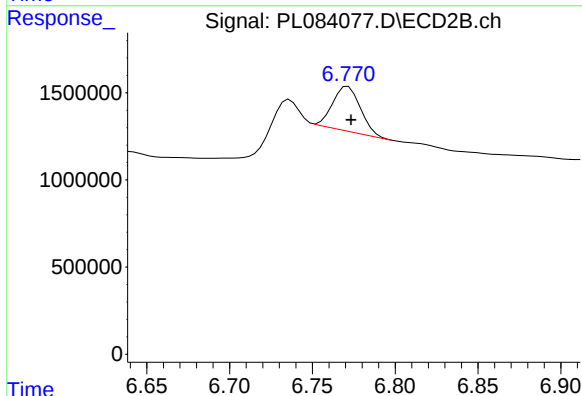
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 4312966
Conc: 2.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

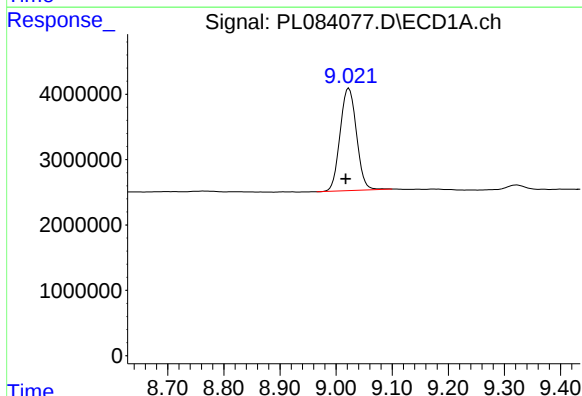
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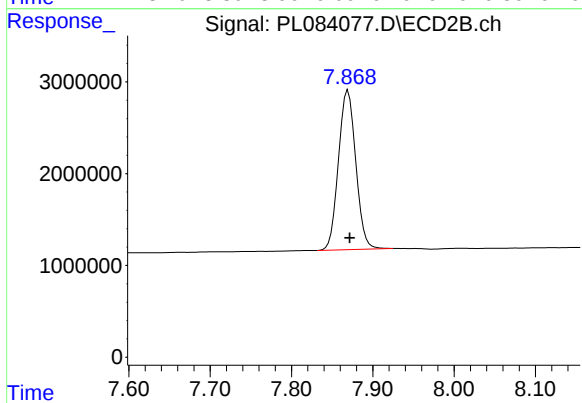
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 2975464
Conc: 2.30 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.005 min
Response: 31815365
Conc: 24.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 25712087
Conc: 23.14 ng/ml