

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 18:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:59:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.325	2.653	40867291	38167046	17.571	19.120
28)	SA Decachlor...	8.743	7.767	33199023	36711760	18.551	18.511
Target Compounds							
2)	A alpha-BHC	3.774	3.151	28121846	24901682	8.203	8.543
3)	MA gamma-BHC...	4.101	3.478	27046054	23520657	8.514m	8.448
6)	B beta-BHC	4.303	3.778	13764756	12585864	9.146m	10.568
14)	MA Endrin	6.324	5.496	87596016	88214627	41.412m	43.590
16)	A 4,4'-DDD	6.471	5.648	642981	774627	0.357	0.510 #
17)	MA 4,4'-DDT	6.781	5.896	170.7E6	167.9E6	84.128	97.449
18)	B Endrin al...	6.678	5.973	2163963	3819736	1.323	2.460 #
20)	A Methoxychlor	7.260	6.473	230.3E6	230.1E6	213.823m	231.006m
21)	B Endrin ke...	7.391	6.698	3333926	4356313	1.592	2.039 #

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

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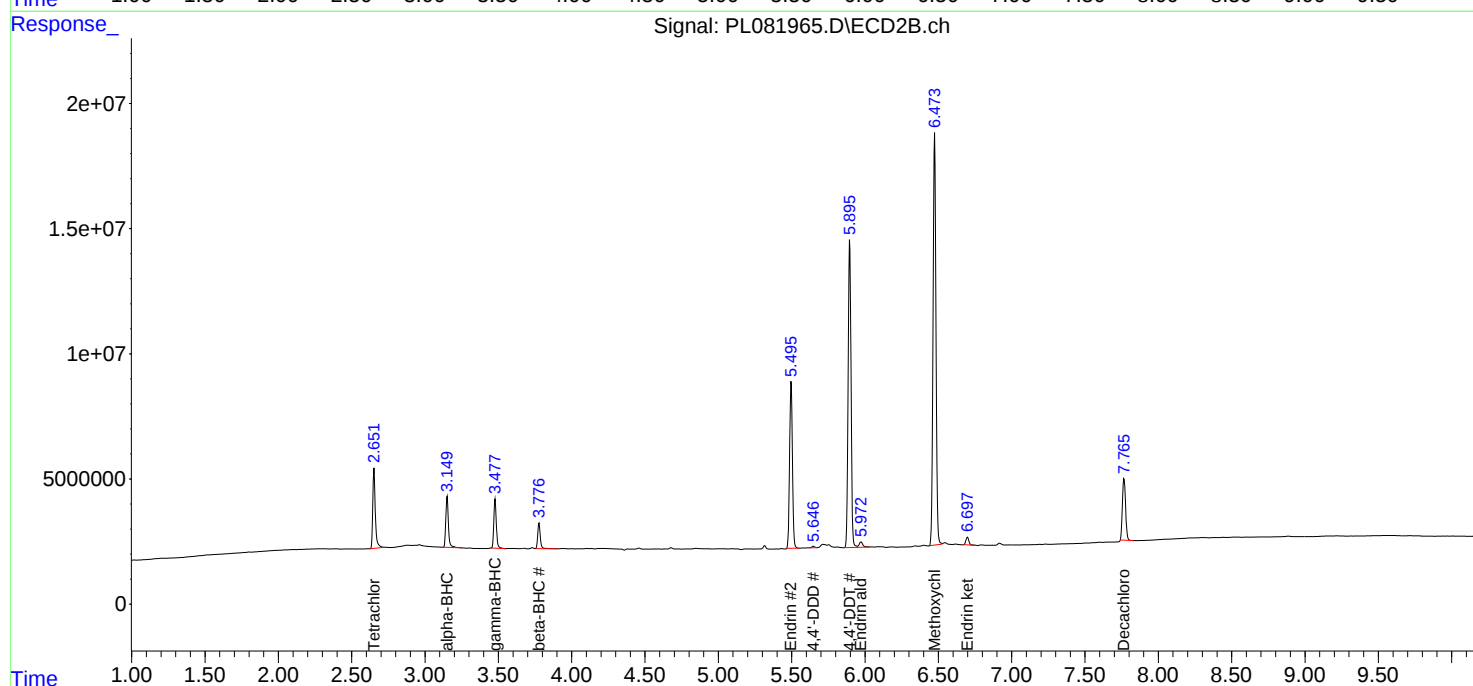
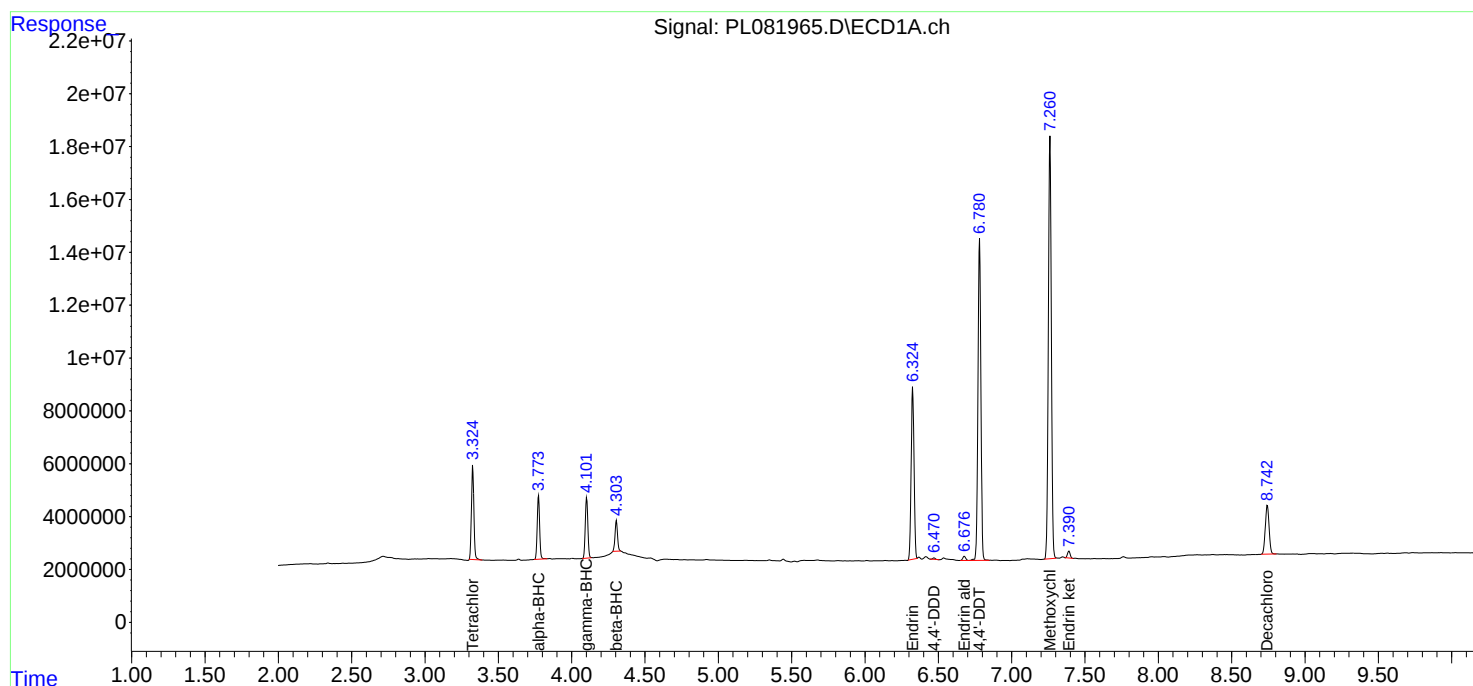
Instrument :
ECD_L
ClientSampleId :
PEM

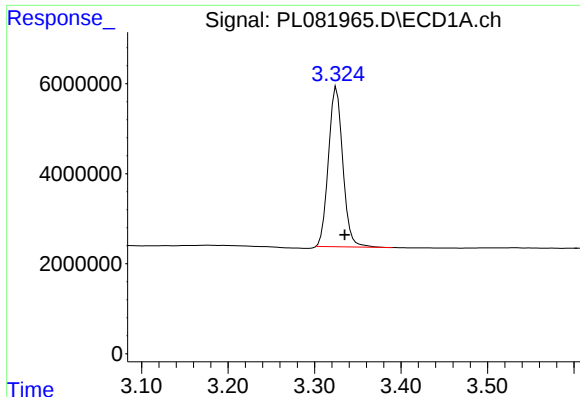
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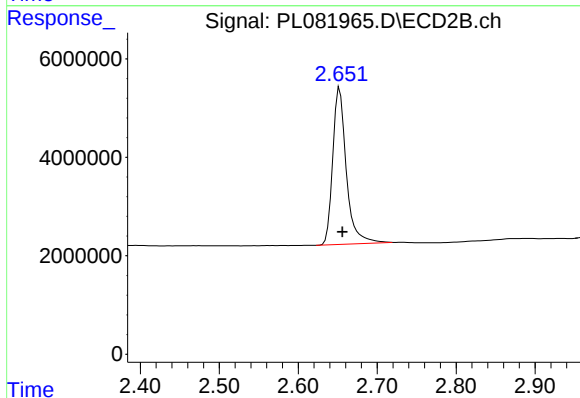
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 40867291
Conc: 17.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

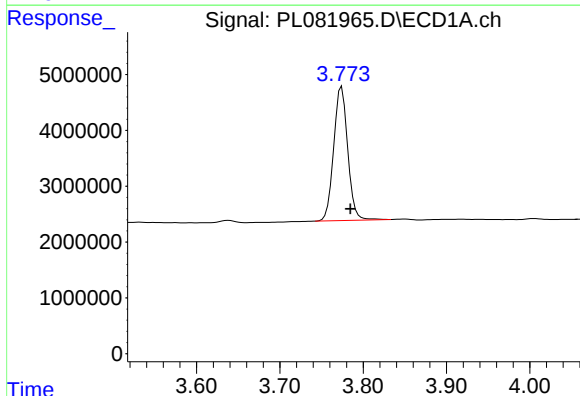
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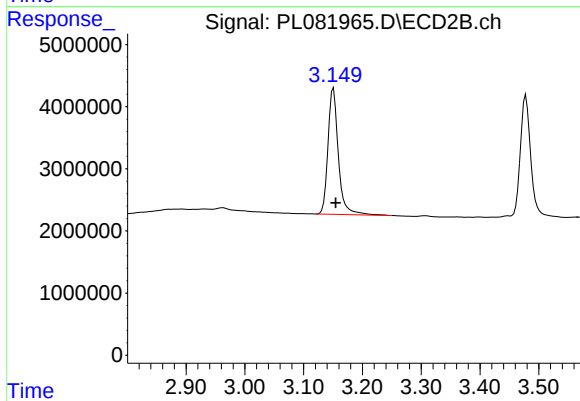
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 38167046
Conc: 19.12 ng/ml



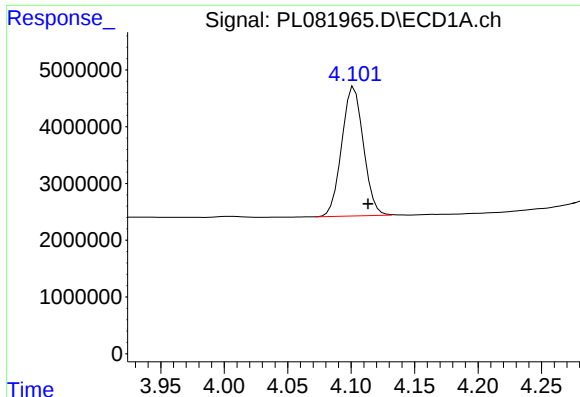
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: -0.011 min
Response: 28121846
Conc: 8.20 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 24901682
Conc: 8.54 ng/ml



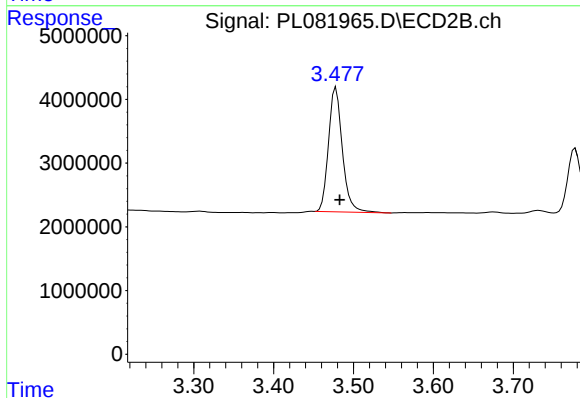
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: -0.012 min
Response: 27046054
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

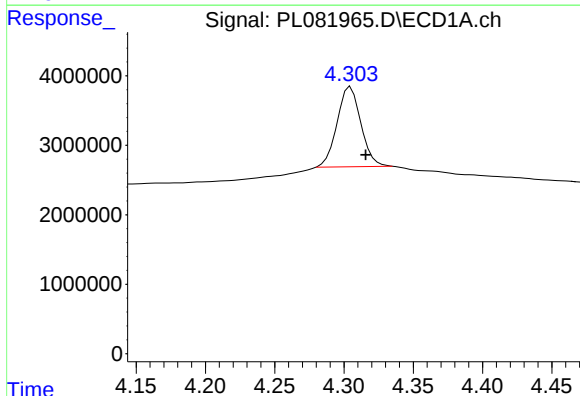
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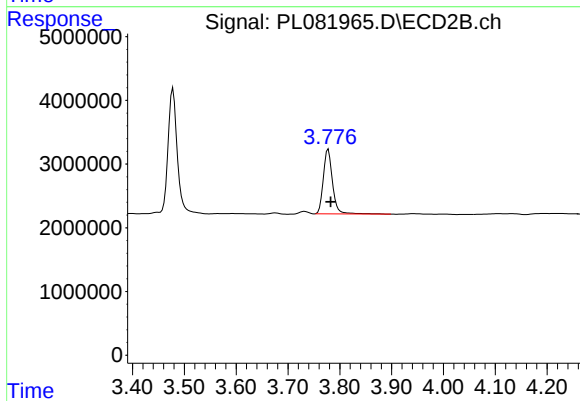
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 23520657
Conc: 8.45 ng/ml



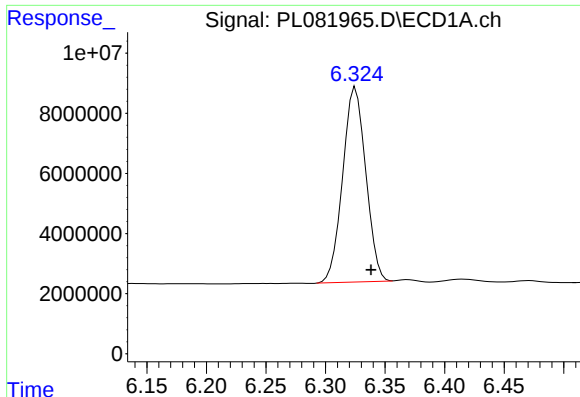
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: -0.012 min
Response: 13764756
Conc: 9.15 ng/ml m



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.005 min
Response: 12585864
Conc: 10.57 ng/ml



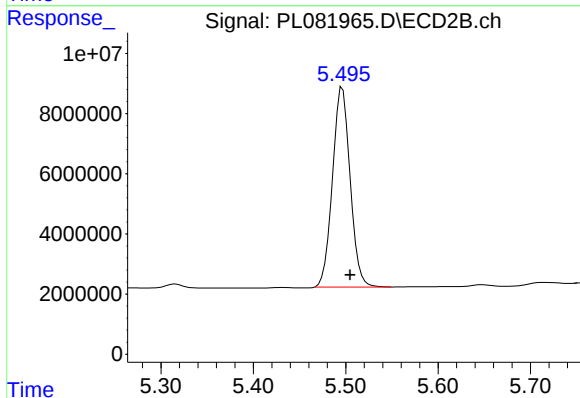
#14 Endrin

R.T.: 6.324 min
Delta R.T.: -0.014 min
Response: 87596016
Conc: 41.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

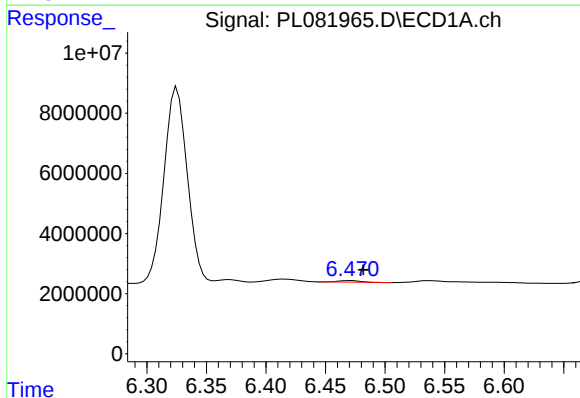
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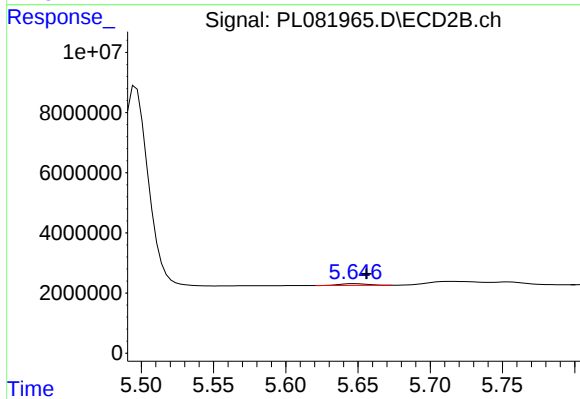
#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 88214627
Conc: 43.59 ng/ml



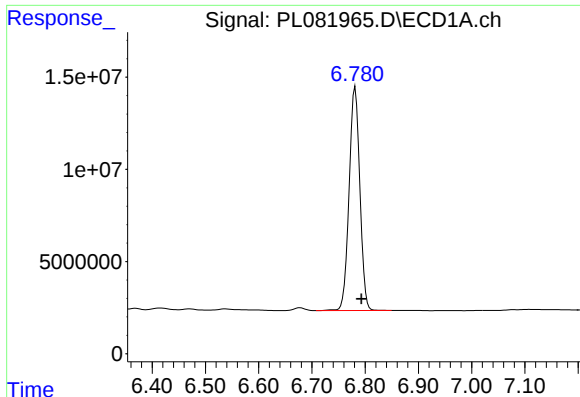
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 642981
Conc: 0.36 ng/ml



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 774627
Conc: 0.51 ng/ml



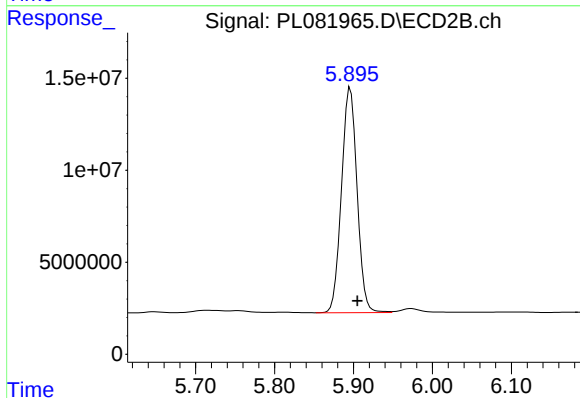
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 170749476
Conc: 84.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

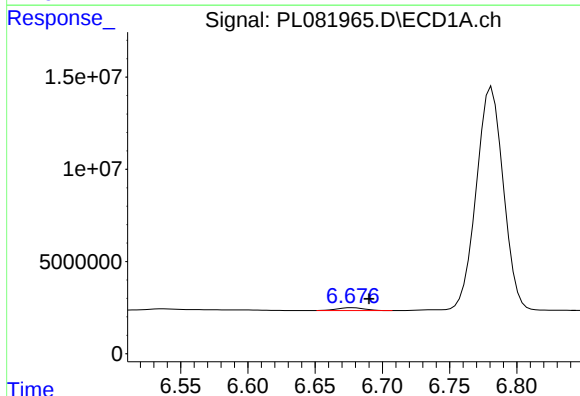
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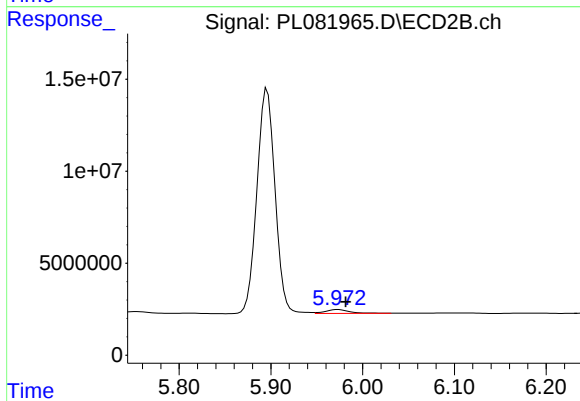
#17 4,4'-DDT

R.T.: 5.896 min
Delta R.T.: -0.009 min
Response: 167930556
Conc: 97.45 ng/ml



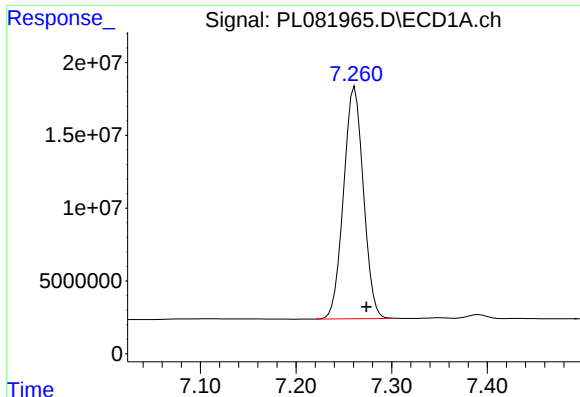
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: -0.012 min
Response: 2163963
Conc: 1.32 ng/ml



#18 Endrin aldehyde

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 3819736
Conc: 2.46 ng/ml



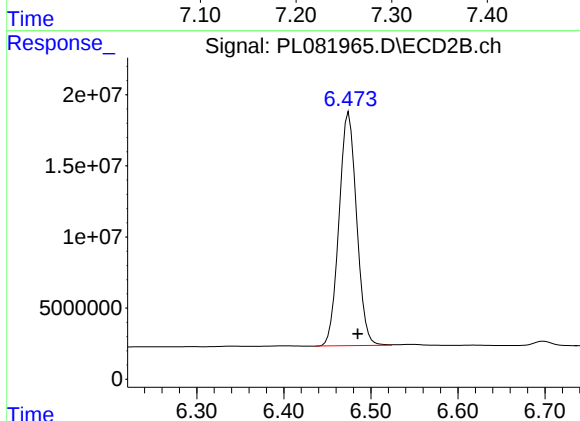
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: -0.014 min
Response: 230264933
Conc: 213.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

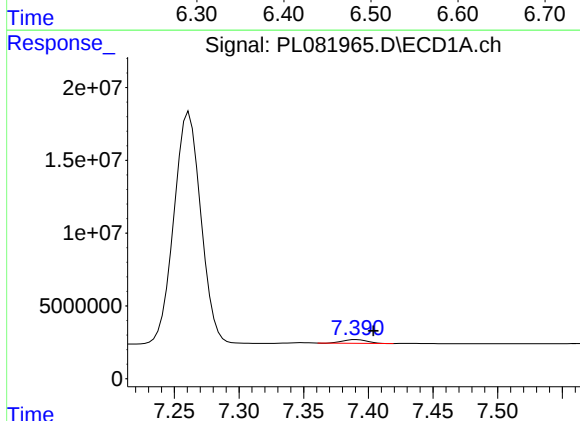
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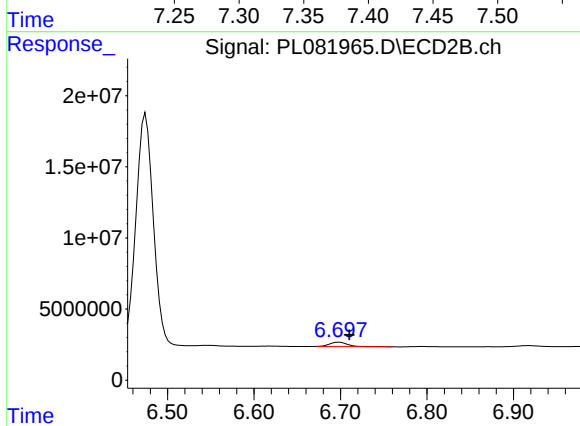
#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 230090695
Conc: 231.01 ng/ml m



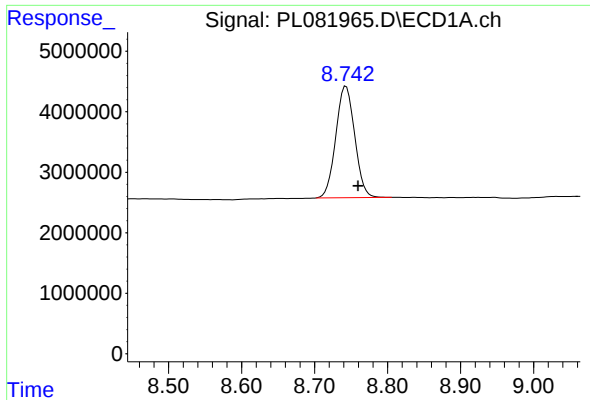
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 3333926
Conc: 1.59 ng/ml



#21 Endrin ketone

R.T.: 6.698 min
Delta R.T.: -0.012 min
Response: 4356313
Conc: 2.04 ng/ml



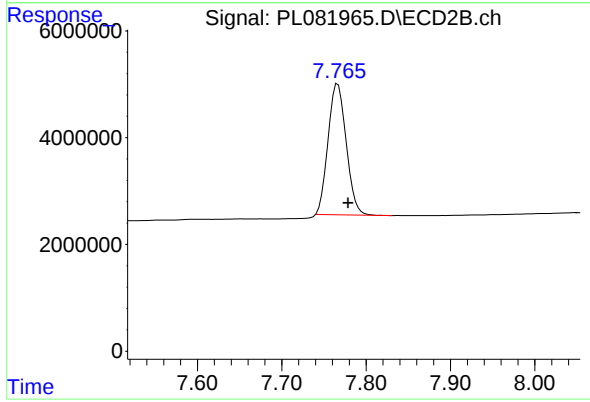
#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: -0.017 min
Response: 33199023
Conc: 18.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.012 min
Response: 36711760
Conc: 18.51 ng/ml