

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
 Data File : PL081396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 12:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/13/2023
 Supervised By : Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 21:11:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.333	2.663	43424702	38782015	20.099	19.163
28) SA Decachlor...	8.756	7.786	33975372	41167103	22.286	21.491
Target Compounds						
2) A alpha-BHC	3.782	3.163	28939031	25746105	9.097	8.785
3) MA gamma-BHC...	4.110	3.491	28044897	24176958	9.479	8.788
6) B beta-BHC	4.312	3.790	13442951	12239333	9.766	10.545
14) MA Endrin	6.337	5.513	83308406	92465107	45.837	46.011
16) A 4,4'-DDD	6.482	5.663	711060	625405	0.462	0.408m
17) MA 4,4'-DDT	6.791	5.913	162.7E6	176.9E6	102.488	110.268
18) B Endrin al...	6.687	5.990	1984330	3614669	1.386m	2.386 #
20) A Methoxychlor	7.271	6.492	218.2E6	236.7E6	253.341	255.084
21) B Endrin ke...	7.401	6.715	3200063	5388146	1.764	2.503m#

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

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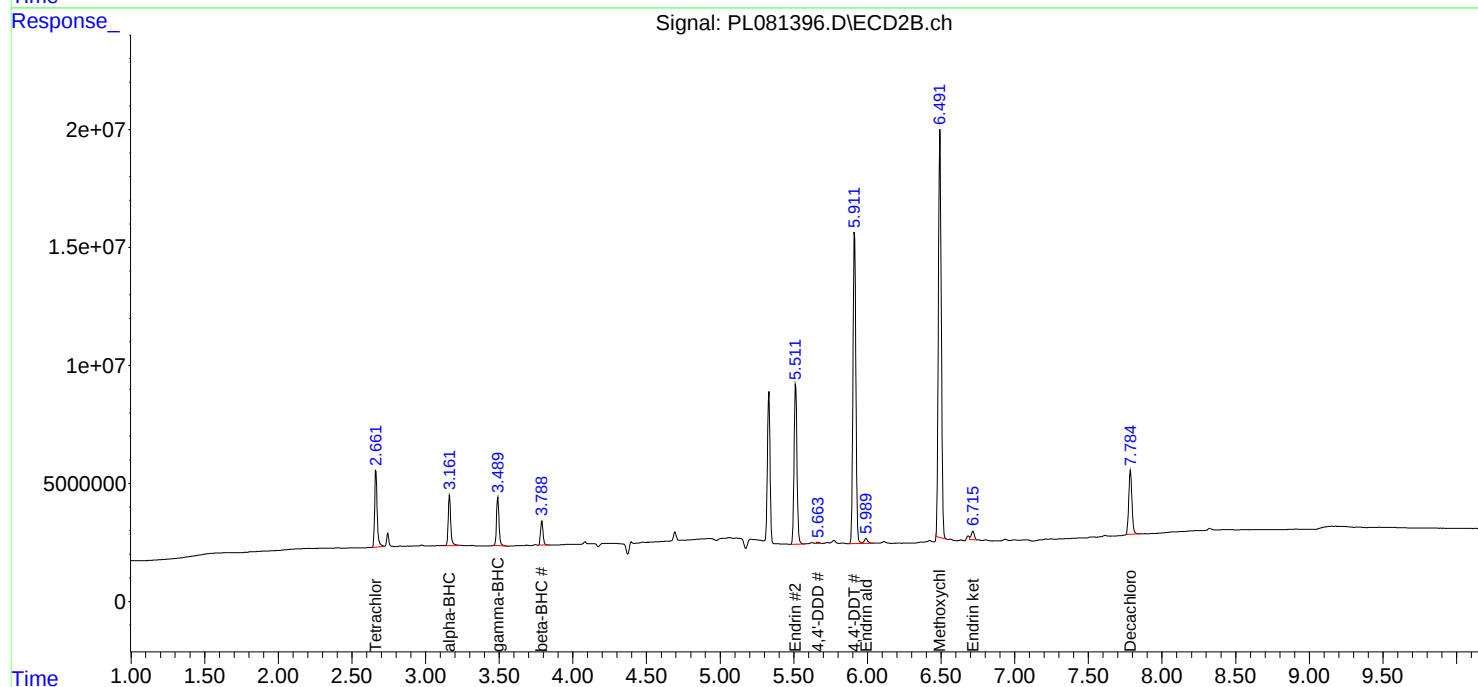
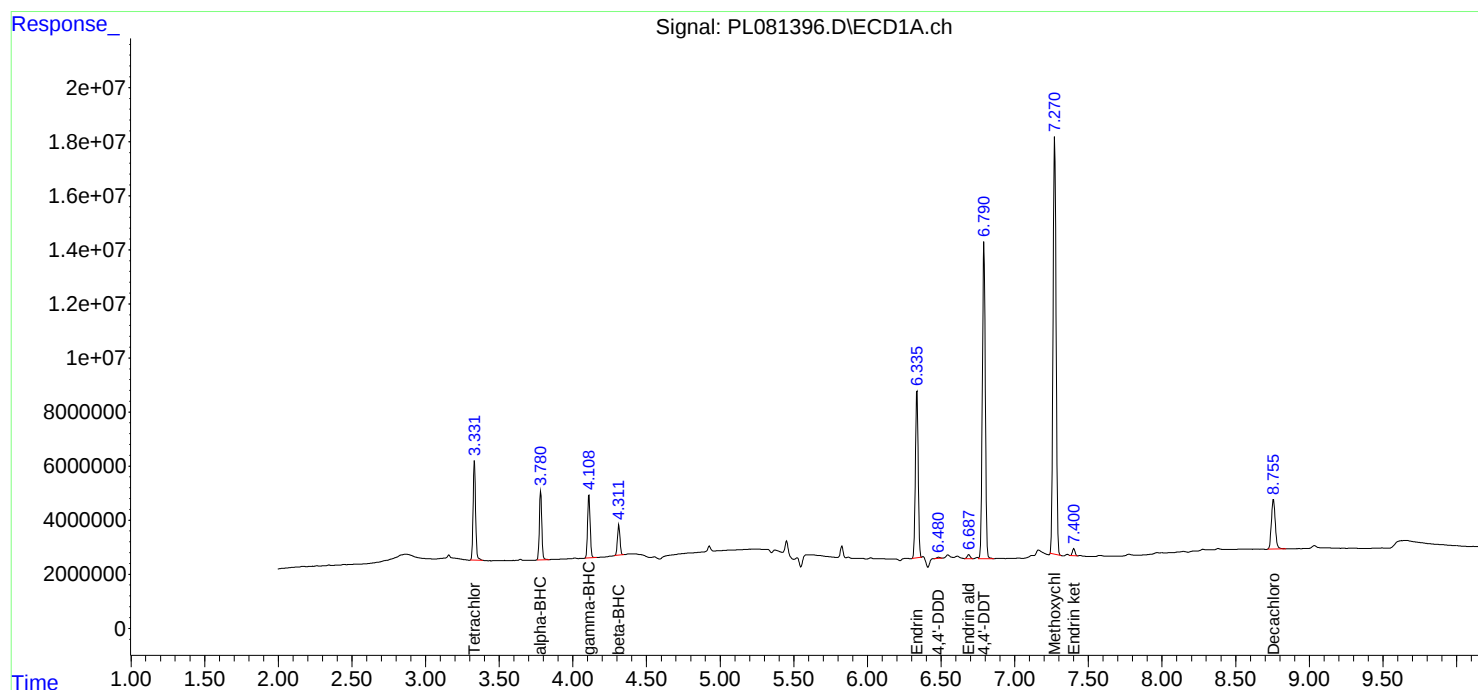
Instrument :
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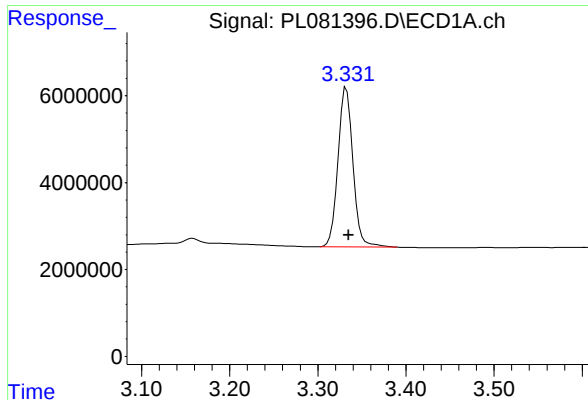
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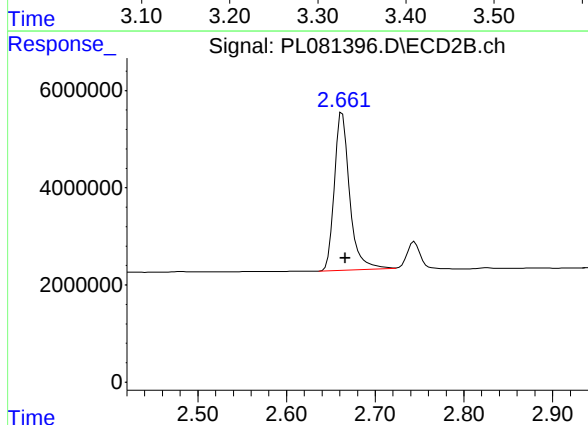
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 43424702
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

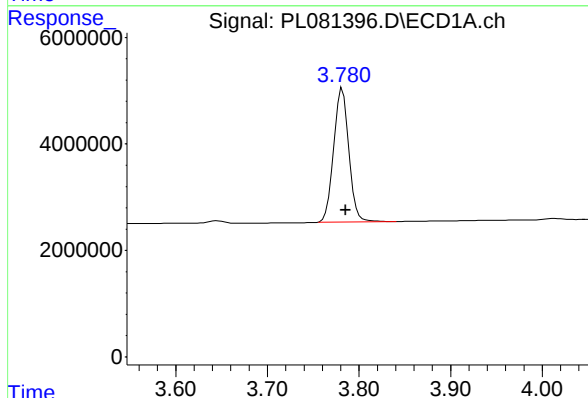
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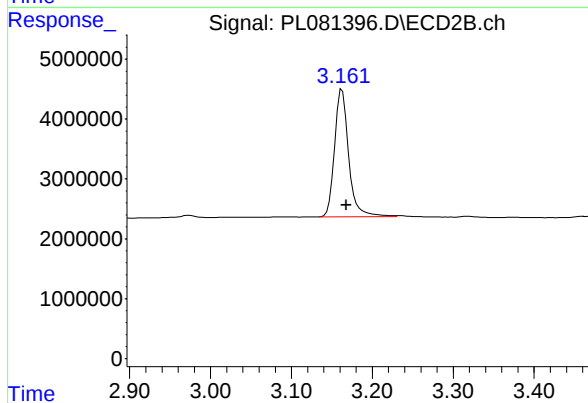
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.004 min
Response: 38782015
Conc: 19.16 ng/ml



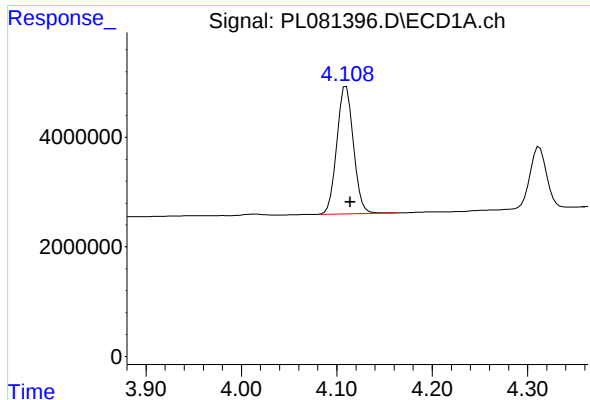
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.004 min
Response: 28939031
Conc: 9.10 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.005 min
Response: 25746105
Conc: 8.79 ng/ml



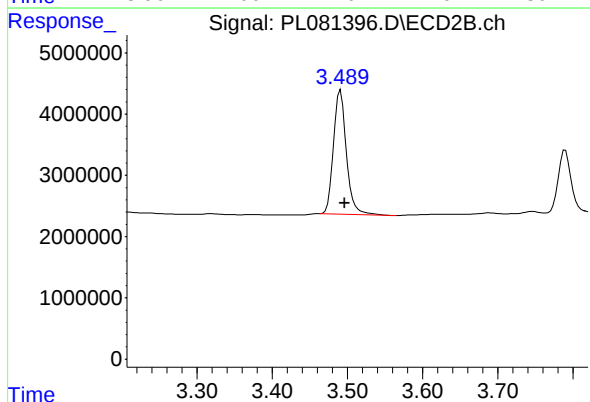
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.005 min
Response: 28044897
Conc: 9.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

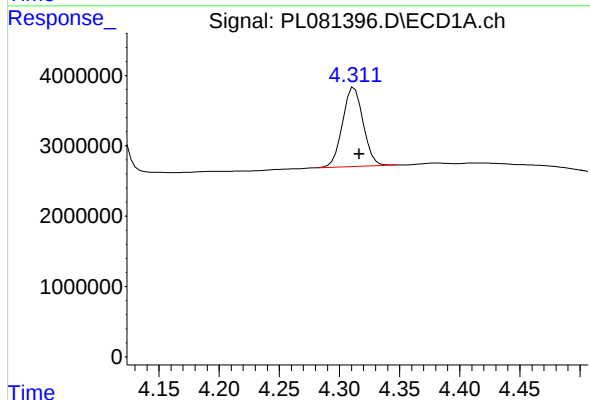
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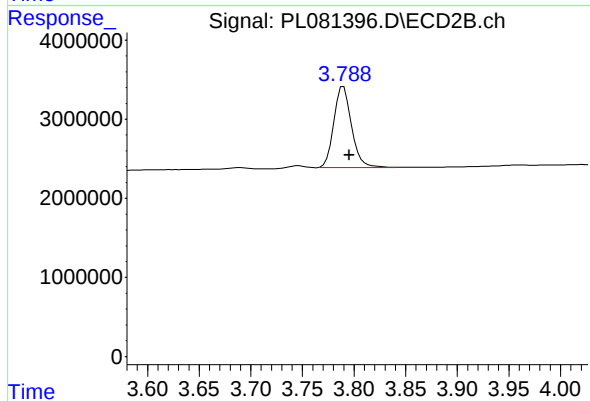
#3 gamma-BHC (Lindane)

R.T.: 3.491 min
Delta R.T.: -0.006 min
Response: 24176958
Conc: 8.79 ng/ml



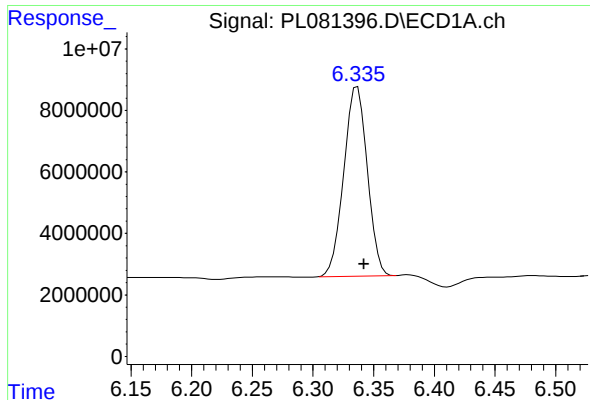
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 13442951
Conc: 9.77 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.006 min
Response: 12239333
Conc: 10.55 ng/ml



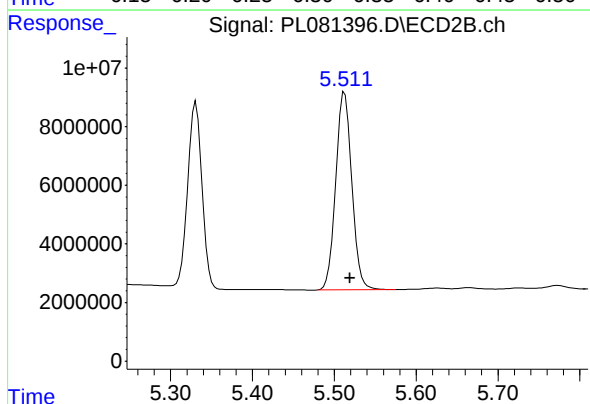
#14 Endrin

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 83308406
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

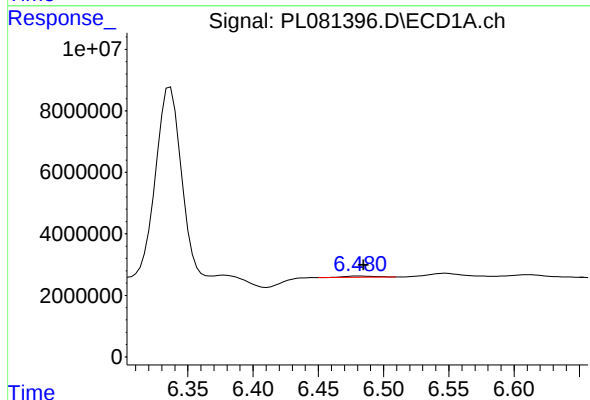
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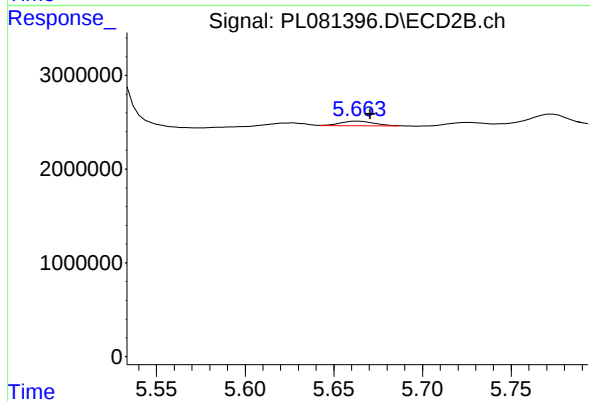
#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.007 min
Response: 92465107
Conc: 46.01 ng/ml



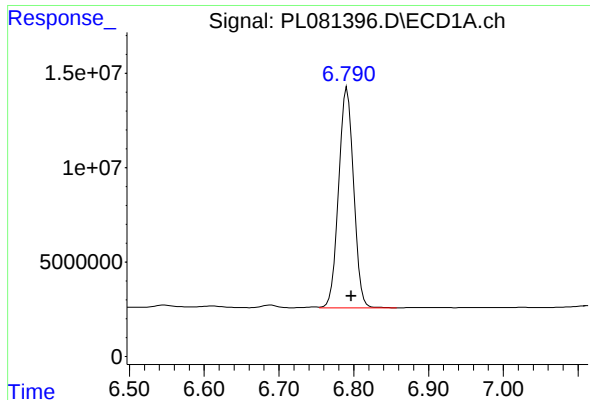
#16 4,4'-DDD

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 711060
Conc: 0.46 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 625405
Conc: 0.41 ng/ml m



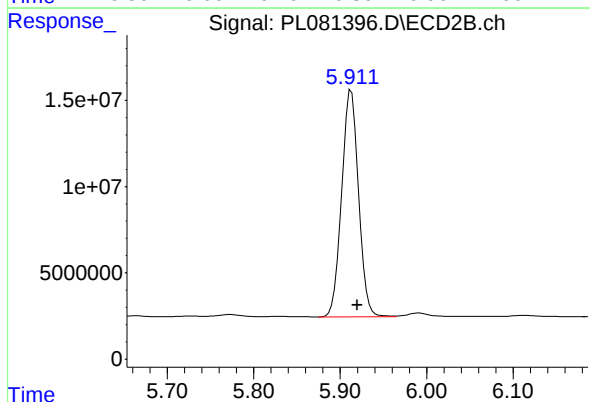
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 162679511
Conc: 102.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

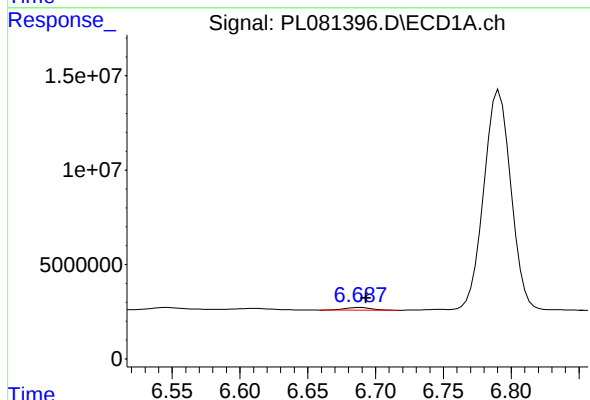
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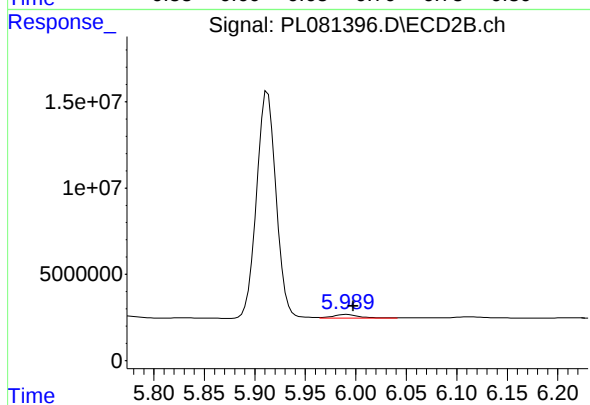
#17 4,4'-DDT

R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 176903300
Conc: 110.27 ng/ml



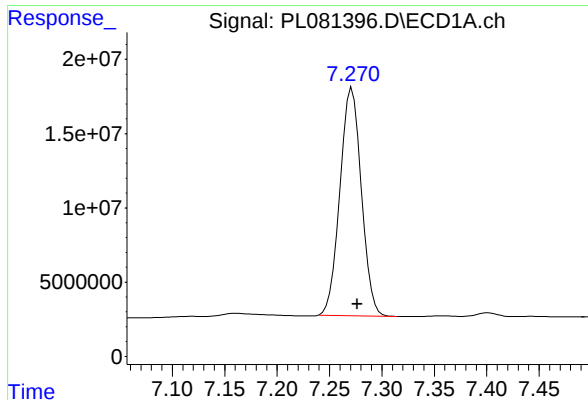
#18 Endrin aldehyde

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 1984330
Conc: 1.39 ng/ml m



#18 Endrin aldehyde

R.T.: 5.990 min
Delta R.T.: -0.007 min
Response: 3614669
Conc: 2.39 ng/ml



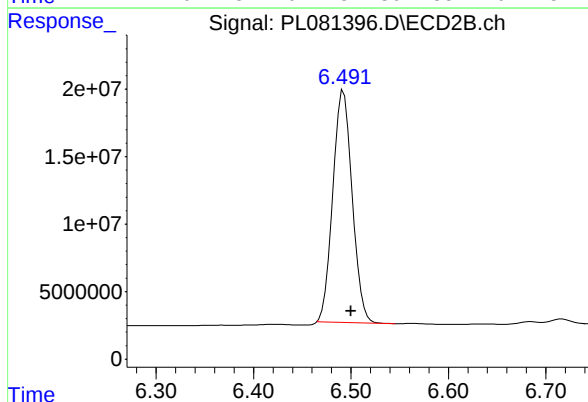
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 218218746
Conc: 253.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

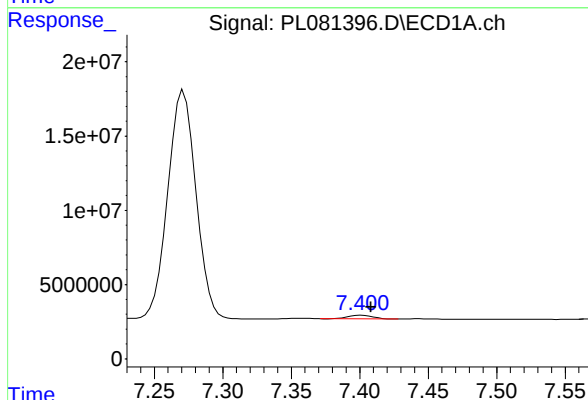
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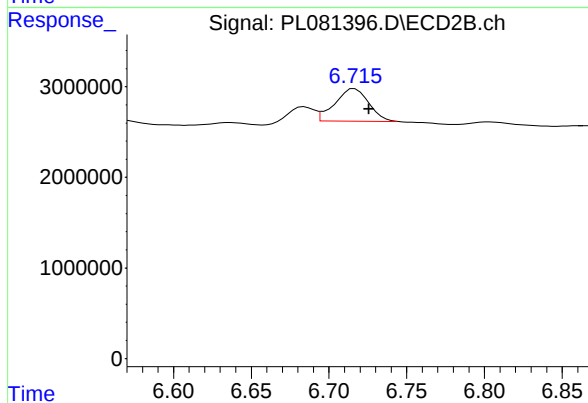
#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 236741476
Conc: 255.08 ng/ml



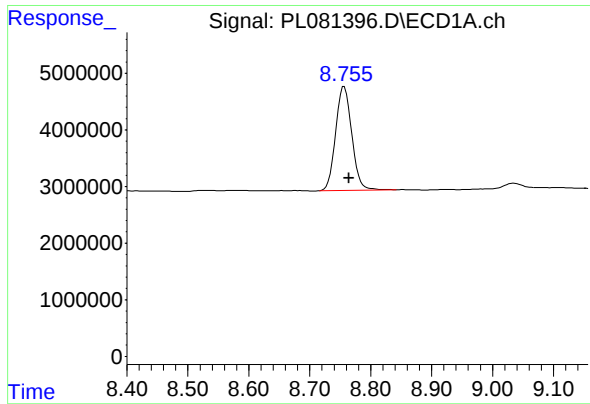
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 3200063
Conc: 1.76 ng/ml



#21 Endrin ketone

R.T.: 6.715 min
Delta R.T.: -0.010 min
Response: 5388146
Conc: 2.50 ng/ml m



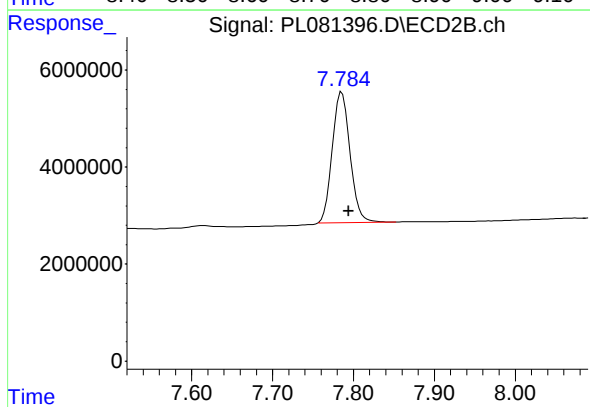
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.008 min
Response: 33975372
Conc: 22.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 41167103
Conc: 21.49 ng/ml