

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
 Data File : PL081781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2023 08:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2023
 Supervised By : mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 21:09:14 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...	3.330	2.657	48777972	39474419	20.972	19.775
28) SA Decachlor...	8.752	7.774	35573277	41591671	19.877	20.971
Target Compounds						
2) A alpha-BHC	3.779	3.156	33201549	25937884	9.684	8.898
3) MA gamma-BHC...	4.108	3.484	31946009	25098507	10.056	9.015
6) B beta-BHC	4.310	3.783	15905042	12730834	10.568	10.689
12) B 4,4'-DDE	5.957	5.099	397199	339302	0.176m	0.172m
14) MA Endrin	6.332	5.503	96486786	96518995	45.615	47.694
16) A 4,4'-DDD	6.476	5.654	2012764	2375982	1.116m	1.566 #
17) MA 4,4'-DDT	6.787	5.902	182.4E6	179.0E6	89.883	103.888
18) B Endrin al...	6.684	5.980	2818256	4109731	1.723	2.646 #
20) A Methoxychlor	7.268	6.482	242.8E6	241.3E6	225.439	242.252
21) B Endrin ke...	7.396	6.707	4787698	5852310	2.286m	2.739

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

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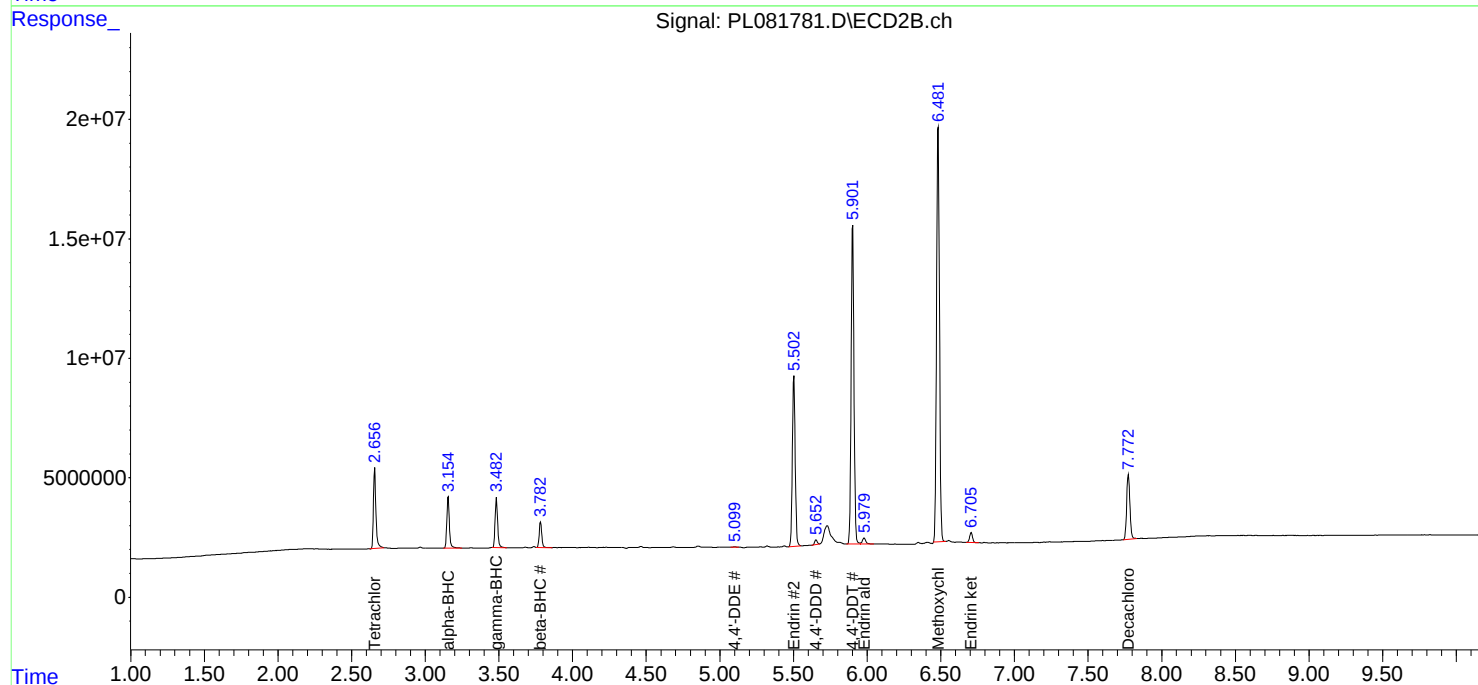
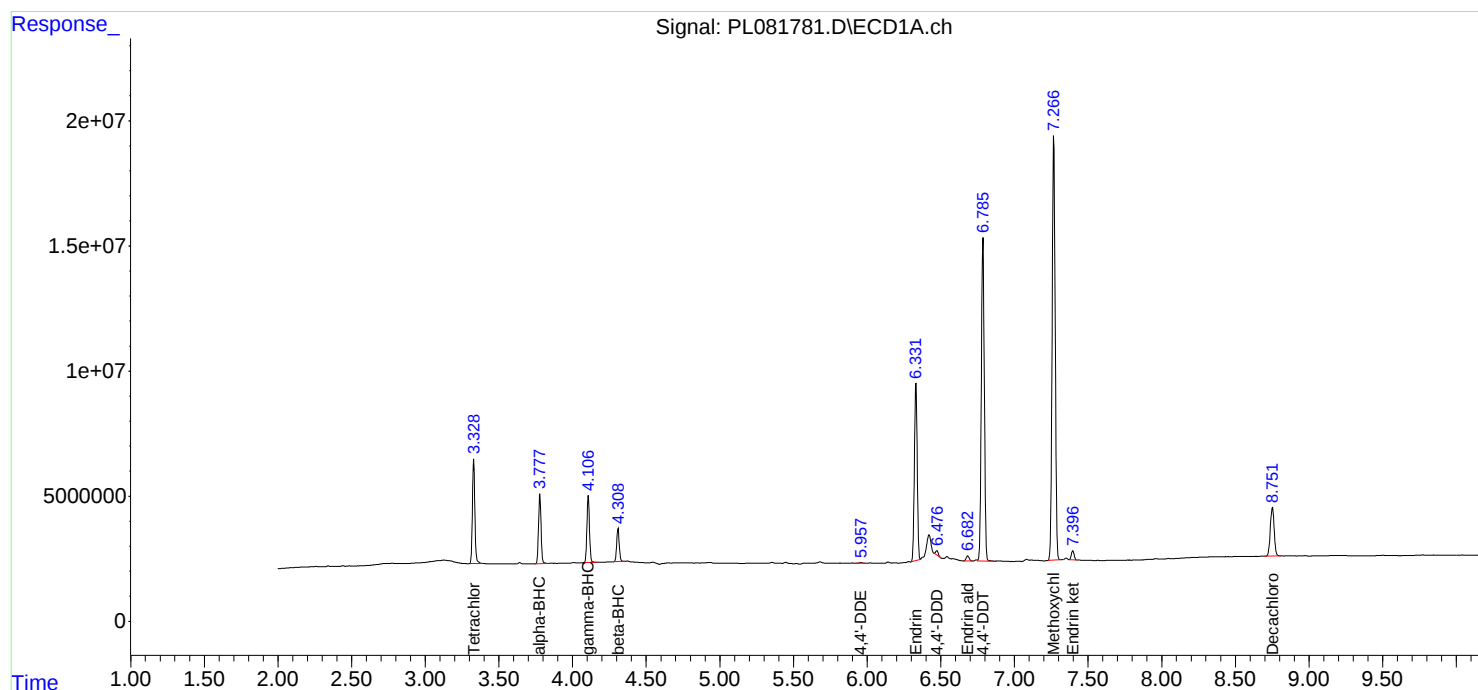
Instrument :
ECD_L
ClientSampleId :
PEM

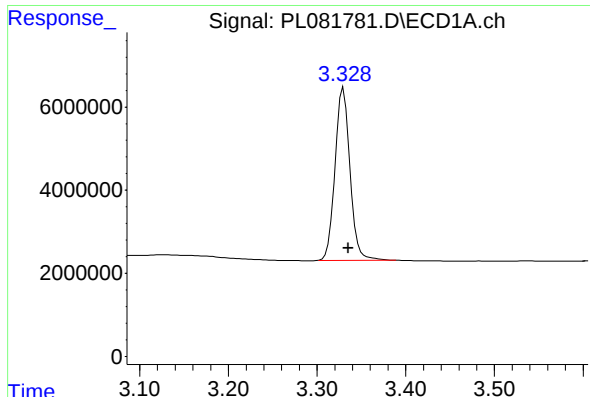
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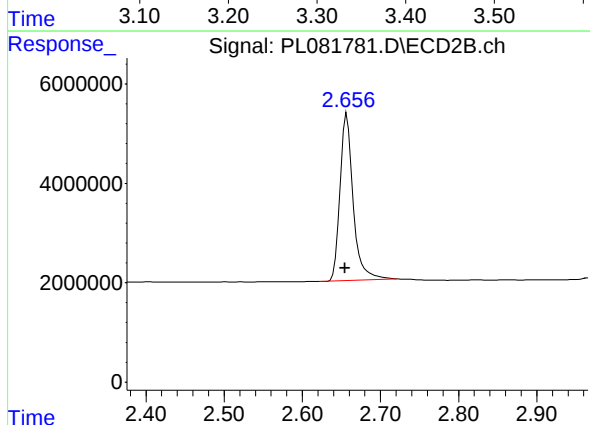
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 48777972
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

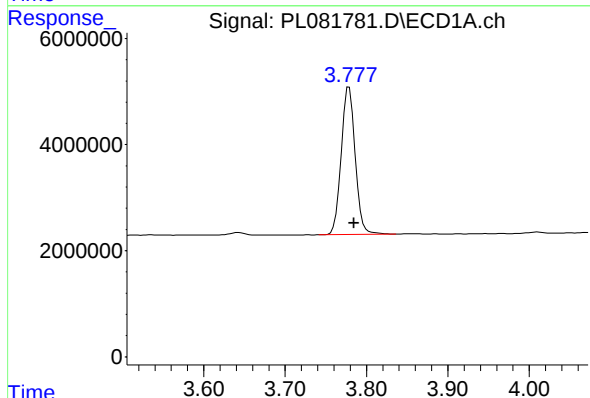
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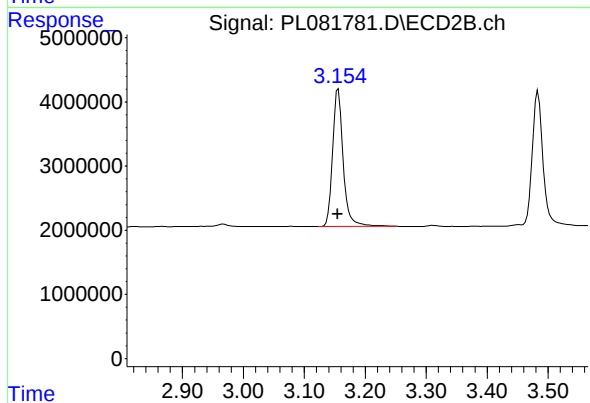
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.002 min
Response: 39474419
Conc: 19.78 ng/ml



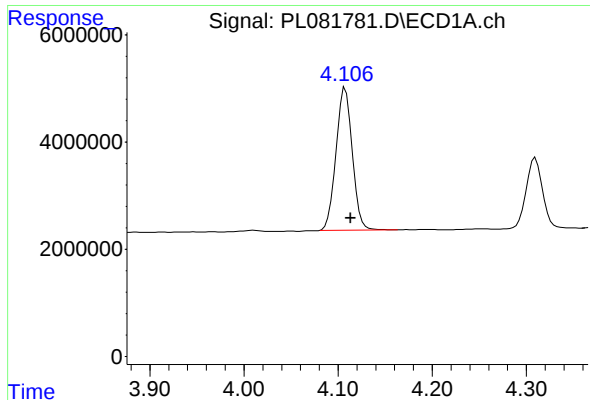
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 33201549
Conc: 9.68 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.000 min
Response: 25937884
Conc: 8.90 ng/ml



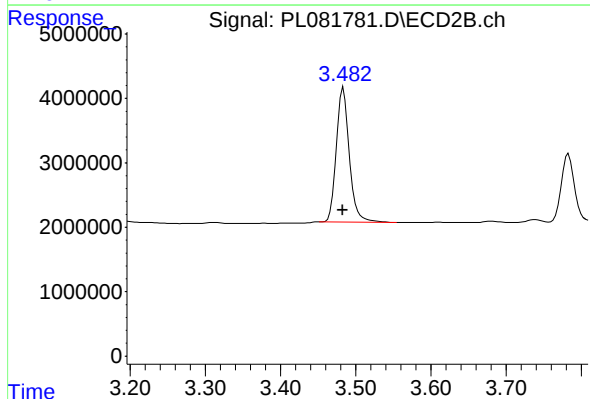
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 31946009
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

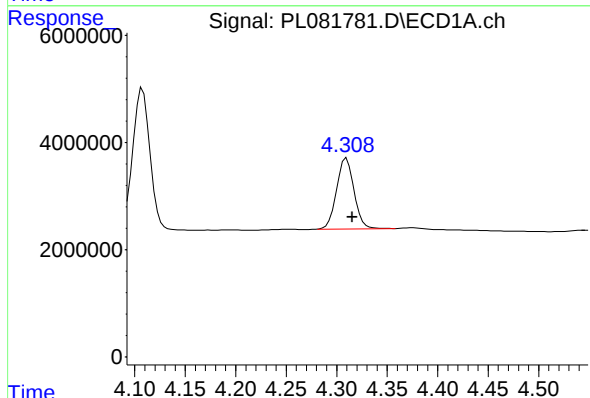
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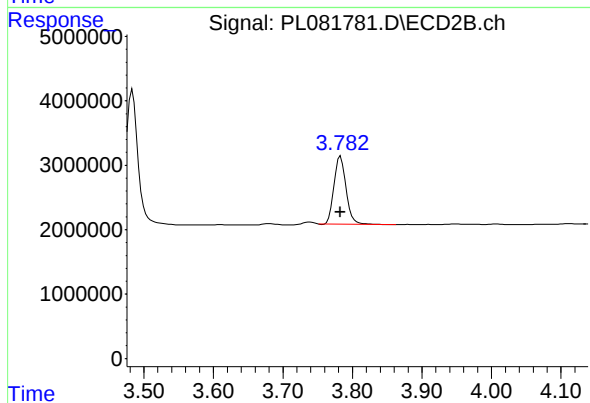
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 25098507
Conc: 9.01 ng/ml



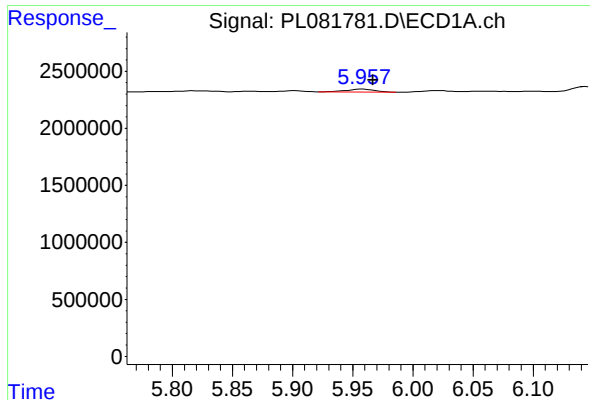
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 15905042
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 12730834
Conc: 10.69 ng/ml



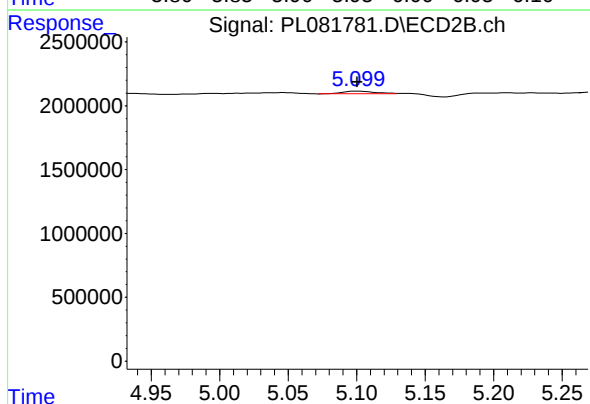
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 397199
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

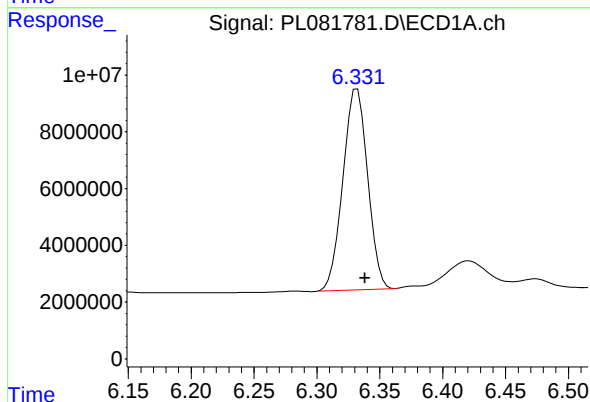
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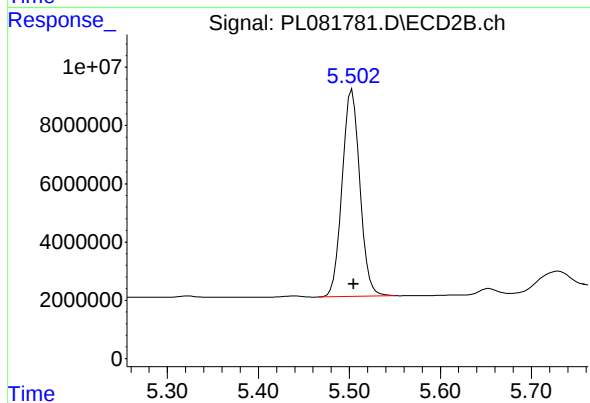
#12 4,4'-DDE

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 339302
Conc: 0.17 ng/ml



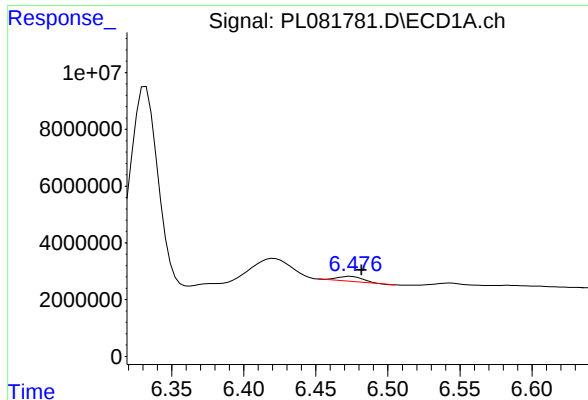
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 96486786
Conc: 45.62 ng/ml



#14 Endrin

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 96518995
Conc: 47.69 ng/ml



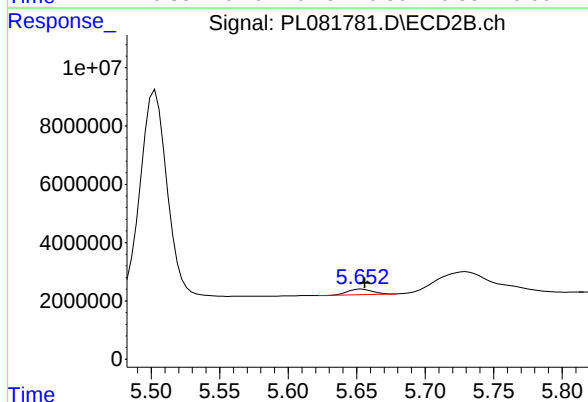
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 2012764
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

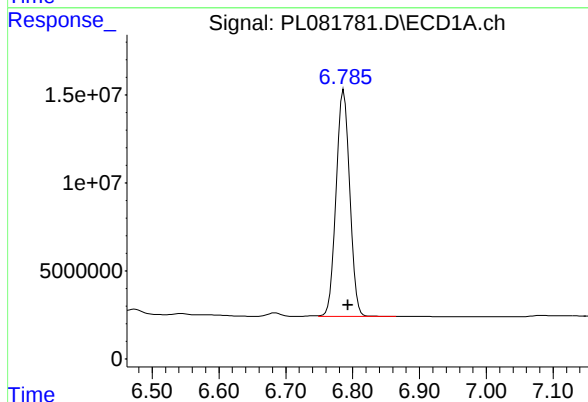
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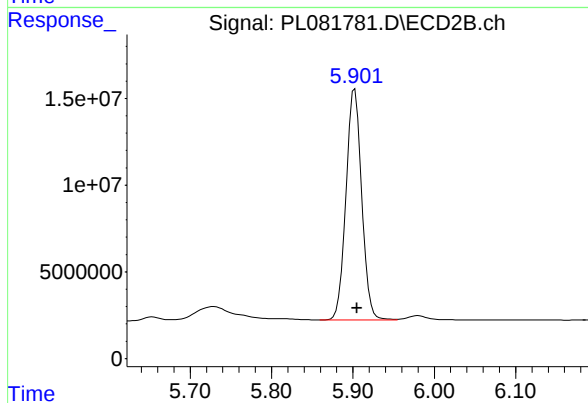
#16 4,4'-DDD

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 2375982
Conc: 1.57 ng/ml



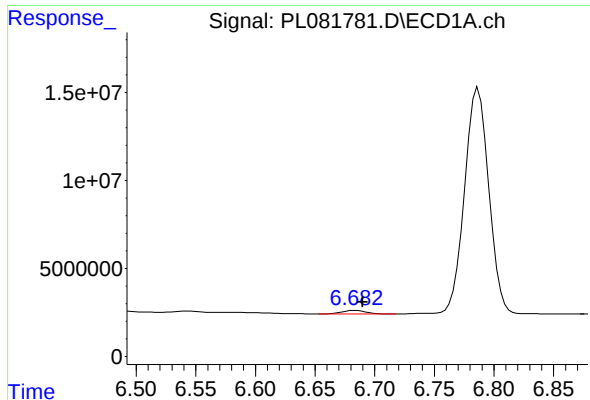
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 182430143
Conc: 89.88 ng/ml



#17 4,4'-DDT

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 179027114
Conc: 103.89 ng/ml



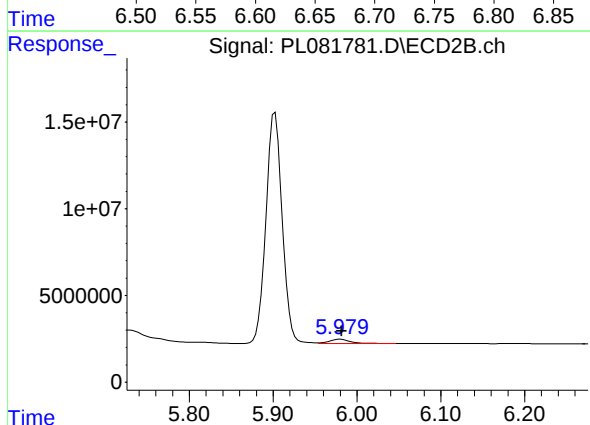
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 2818256
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

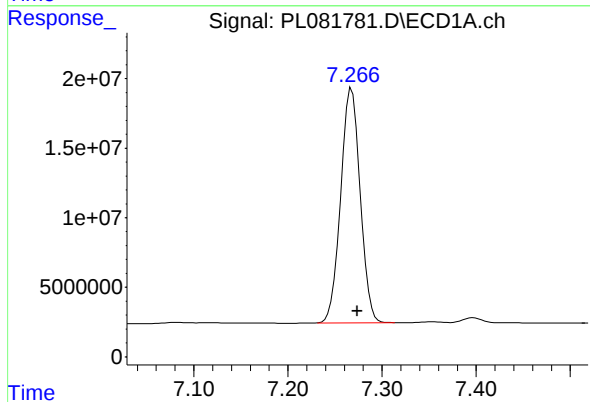
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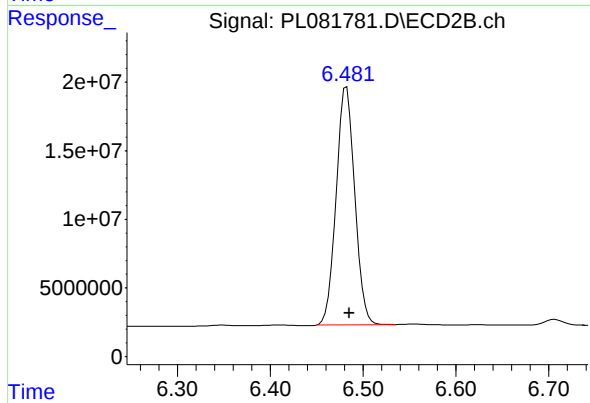
#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 4109731
Conc: 2.65 ng/ml



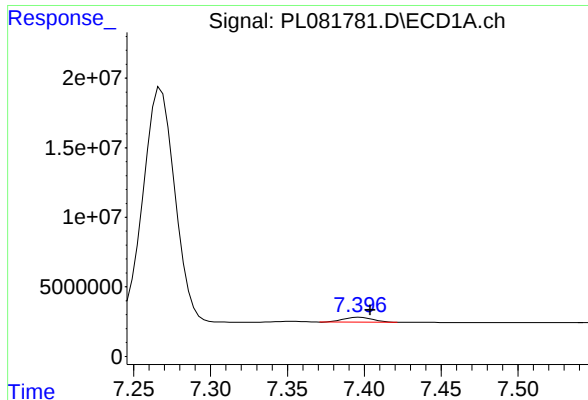
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 242773866
Conc: 225.44 ng/ml



#20 Methoxychlor

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 241291959
Conc: 242.25 ng/ml



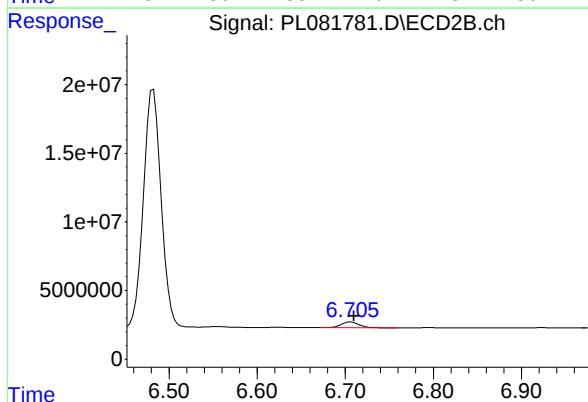
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 4787698
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

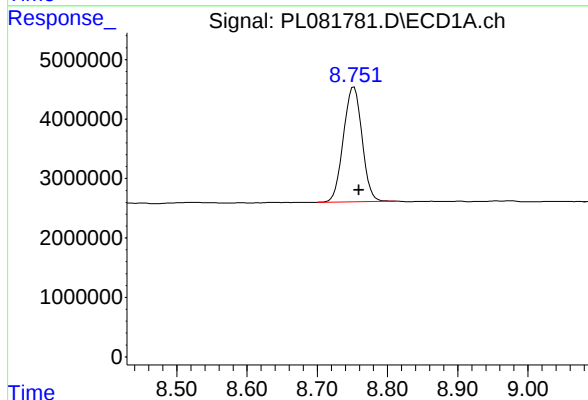
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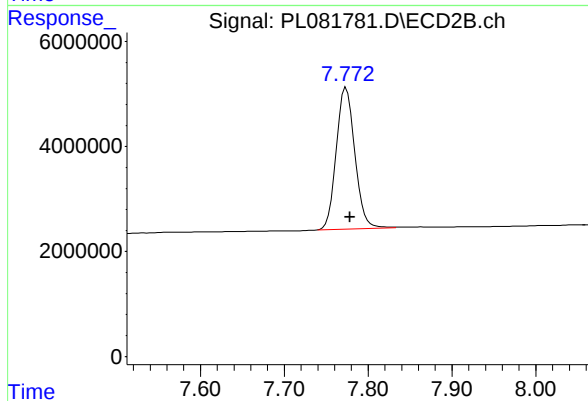
#21 Endrin ketone

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 5852310
Conc: 2.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.007 min
Response: 35573277
Conc: 19.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 41591671
Conc: 20.97 ng/ml