

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
 Data File : PL082183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:03:30 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...	3.345	2.651	44819544	38523323	19.270	19.299
28)	SA Decachlor...	8.765	7.763	34707165	39173265	19.393	19.752m
Target Compounds							
2)	A alpha-BHC	3.794	3.149	31314775	24994029	9.134	8.574
3)	MA gamma-BHC...	4.123	3.476	30105052	22448632	9.476	8.063
6)	B beta-BHC	4.326	3.776	14585438	12177828	9.691	10.225
12)	B 4,4'-DDE	5.967	5.090	592651	295010	0.263	0.150m#
14)	MA Endrin	6.347	5.493	97071145	88954004	45.892	43.956
16)	A 4,4'-DDD	6.492	5.645	499026	385872	0.277m	0.254
17)	MA 4,4'-DDT	6.802	5.893	198.7E6	183.1E6	97.890	106.253
18)	B Endrin al...	6.699	5.972	2249639	5018965	1.375	3.232 #
20)	A Methoxychlor	7.283	6.470	257.7E6	254.1E6	239.339	255.098m
21)	B Endrin ke...	7.412	6.697	3211282	3894890	1.533	1.823

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

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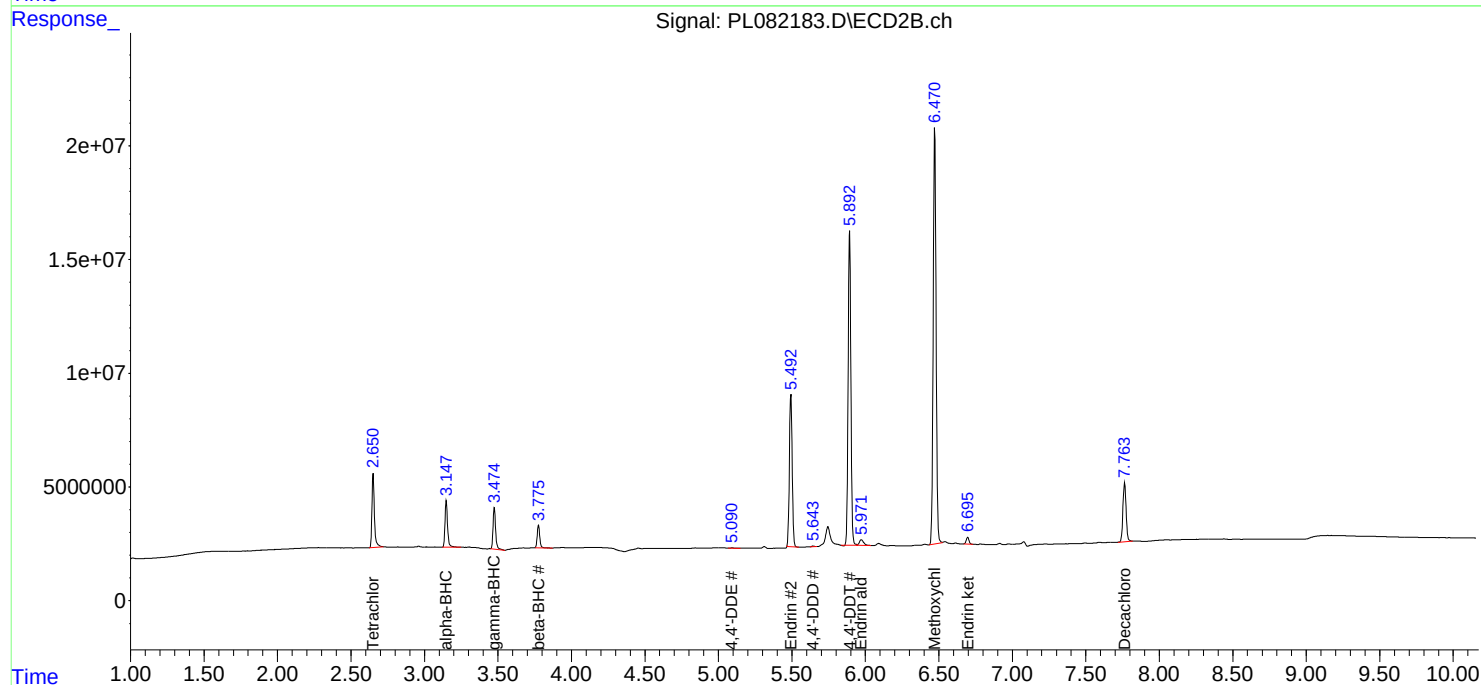
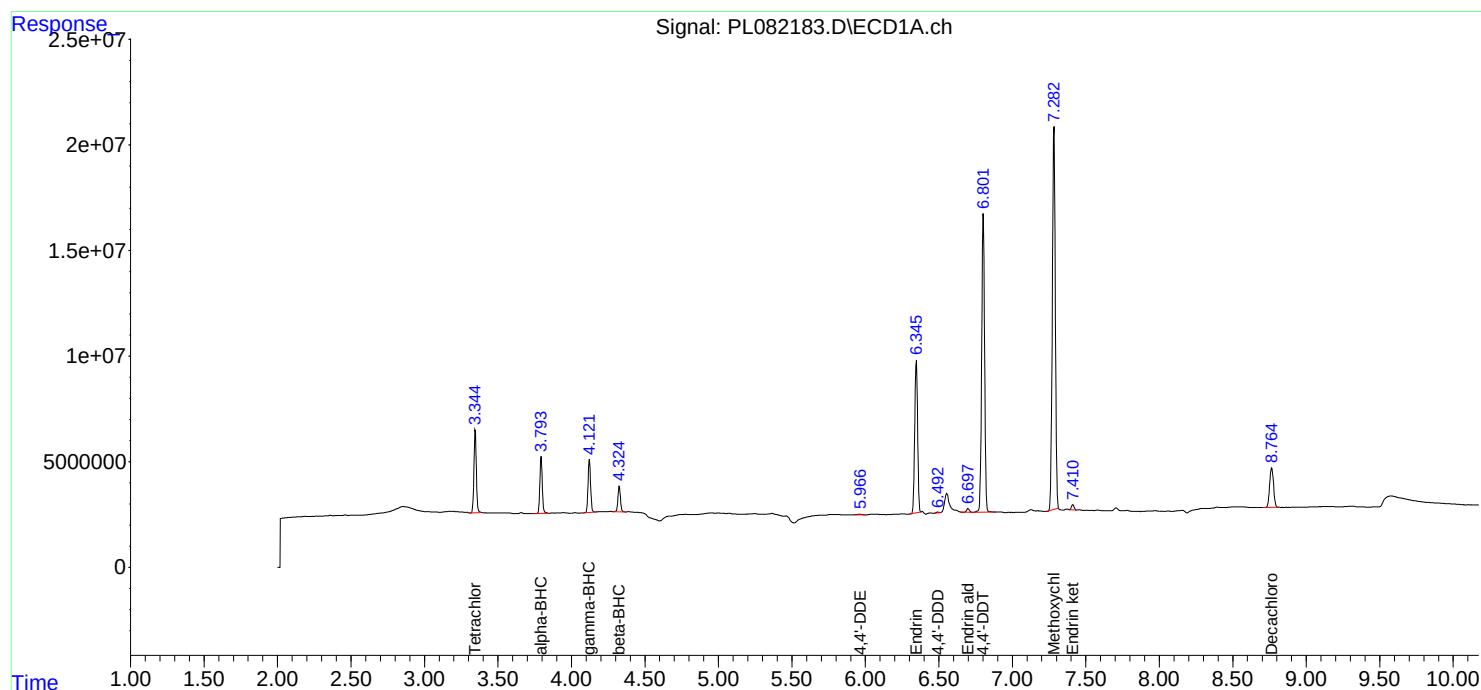
Instrument :
ECD_L
ClientSampleId :
PEM

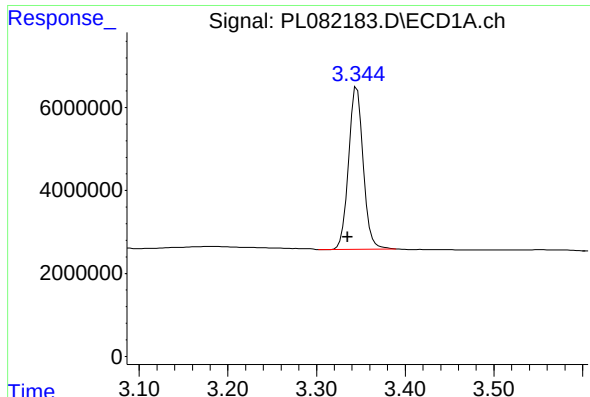
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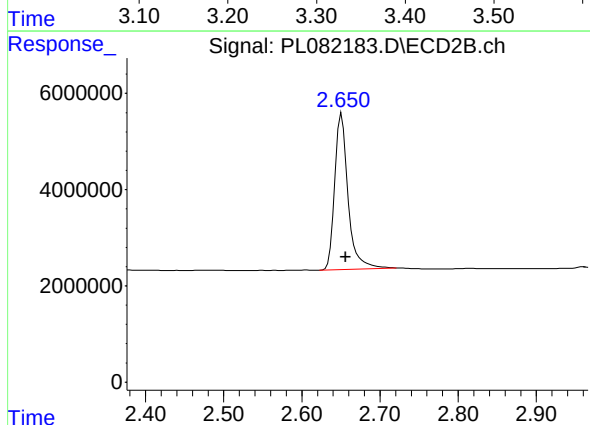
#1 Tetrachloro-m-xylene

R.T.: 3.345 min
Delta R.T.: 0.010 min
Response: 44819544
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

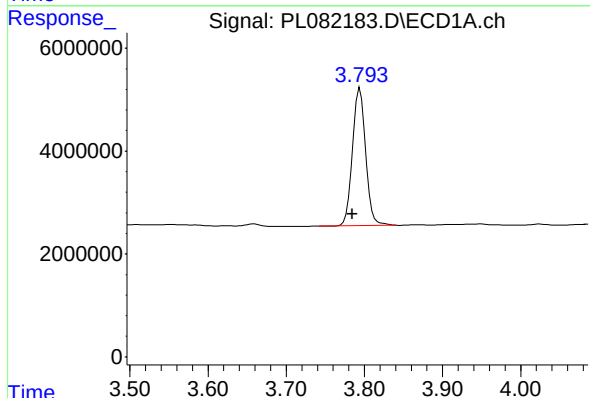
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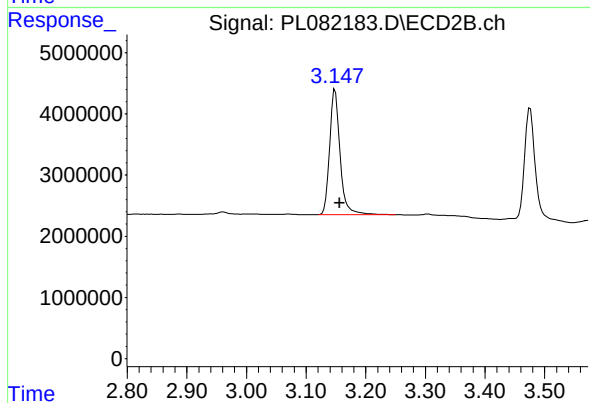
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: -0.005 min
Response: 38523323
Conc: 19.30 ng/ml



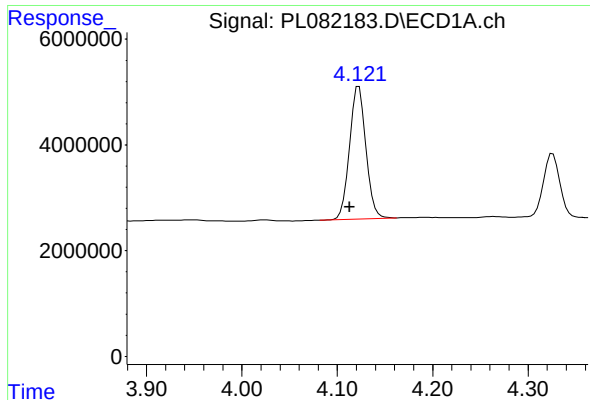
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.010 min
Response: 31314775
Conc: 9.13 ng/ml



#2 alpha-BHC

R.T.: 3.149 min
Delta R.T.: -0.007 min
Response: 24994029
Conc: 8.57 ng/ml



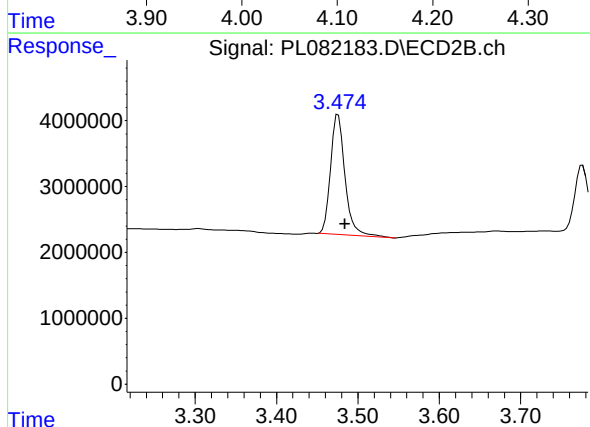
#3 gamma-BHC (Lindane)

R.T.: 4.123 min
Delta R.T.: 0.009 min
Response: 30105052
Conc: 9.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

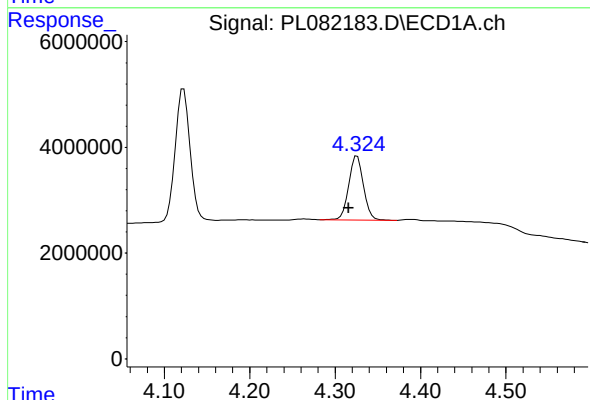
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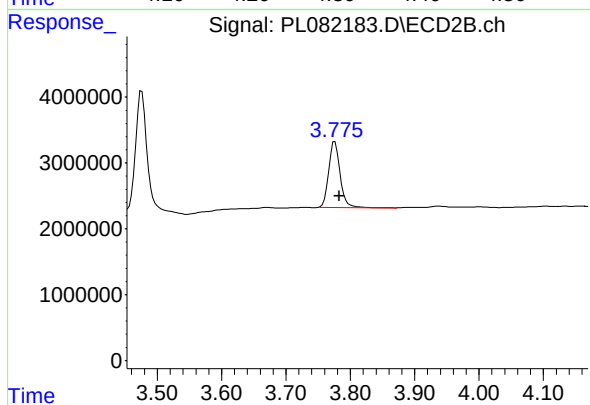
#3 gamma-BHC (Lindane)

R.T.: 3.476 min
Delta R.T.: -0.008 min
Response: 22448632
Conc: 8.06 ng/ml



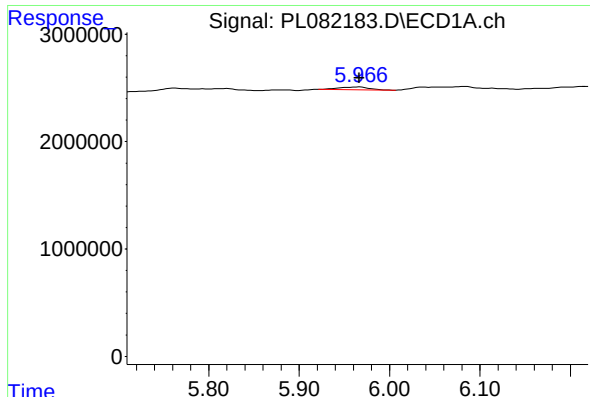
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.010 min
Response: 14585438
Conc: 9.69 ng/ml



#6 beta-BHC

R.T.: 3.776 min
Delta R.T.: -0.007 min
Response: 12177828
Conc: 10.23 ng/ml



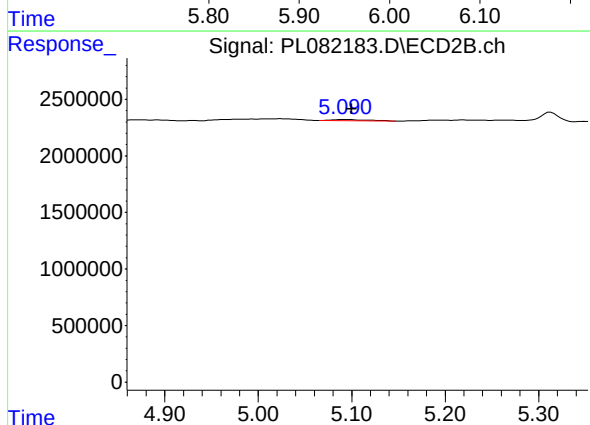
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 592651
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

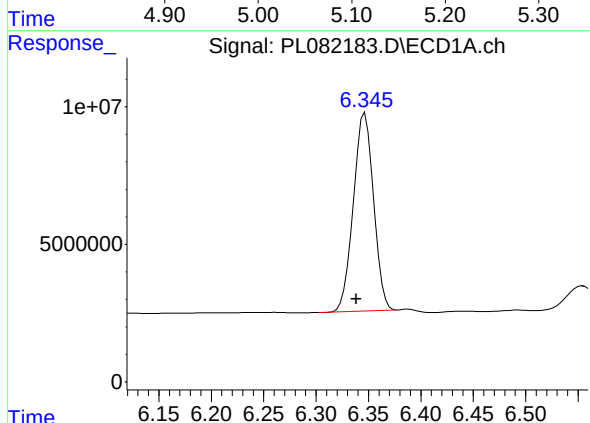
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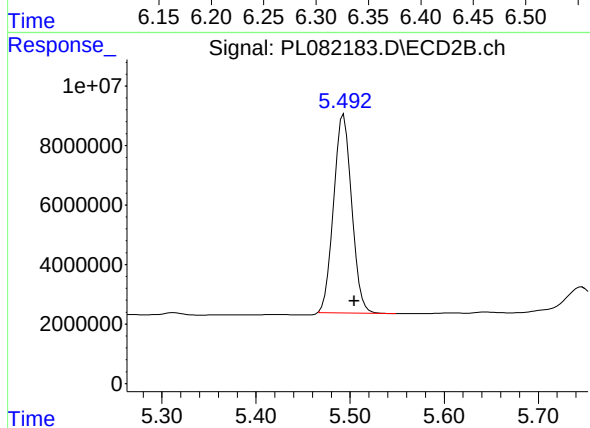
#12 4,4'-DDE

R.T.: 5.090 min
Delta R.T.: -0.010 min
Response: 295010
Conc: 0.15 ng/ml m



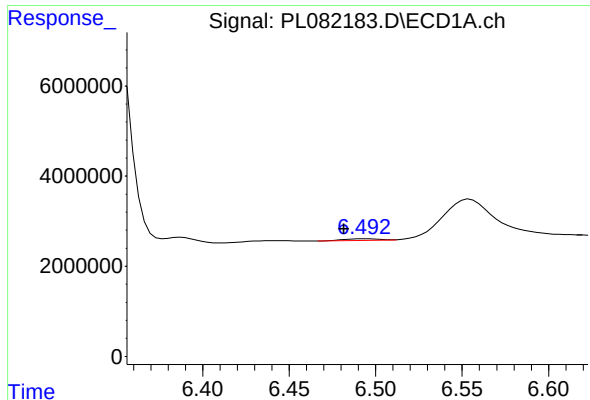
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.008 min
Response: 97071145
Conc: 45.89 ng/ml



#14 Endrin

R.T.: 5.493 min
Delta R.T.: -0.011 min
Response: 88954004
Conc: 43.96 ng/ml



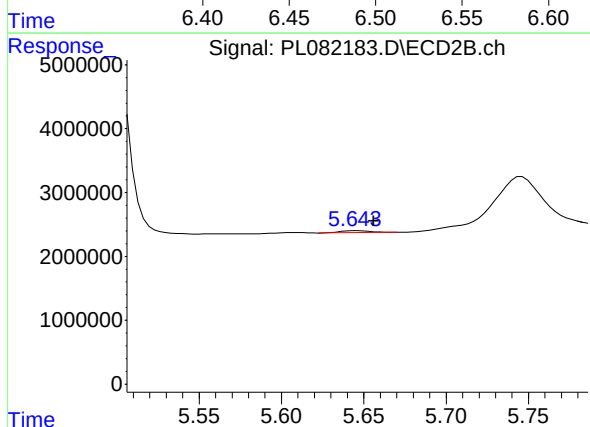
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.010 min
Response: 499026
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

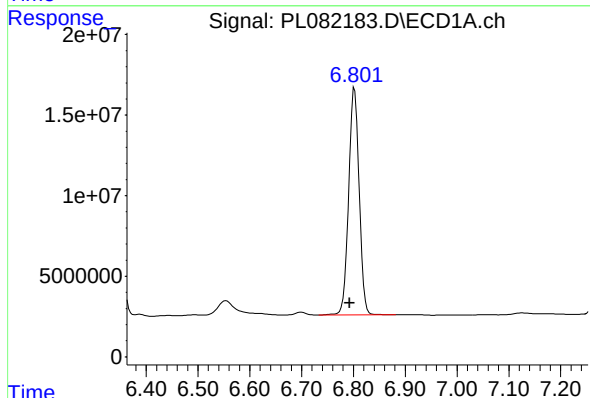
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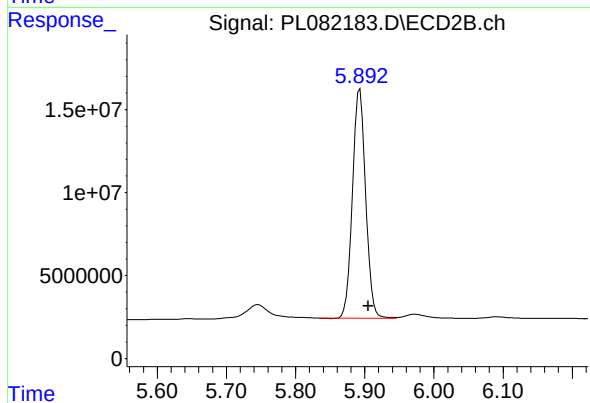
#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: -0.011 min
Response: 385872
Conc: 0.25 ng/ml



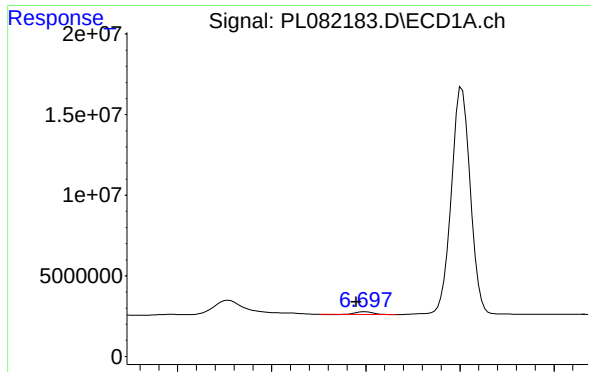
#17 4,4'-DDT

R.T.: 6.802 min
Delta R.T.: 0.009 min
Response: 198680409
Conc: 97.89 ng/ml



#17 4,4'-DDT

R.T.: 5.893 min
Delta R.T.: -0.012 min
Response: 183103314
Conc: 106.25 ng/ml



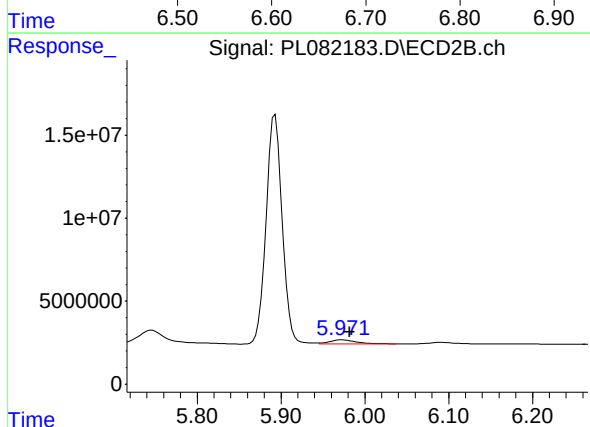
#18 Endrin aldehyde

R.T.: 6.699 min
Delta R.T.: 0.009 min
Response: 2249639
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

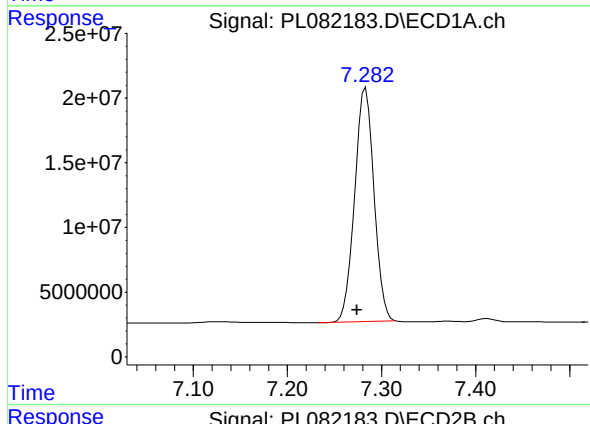
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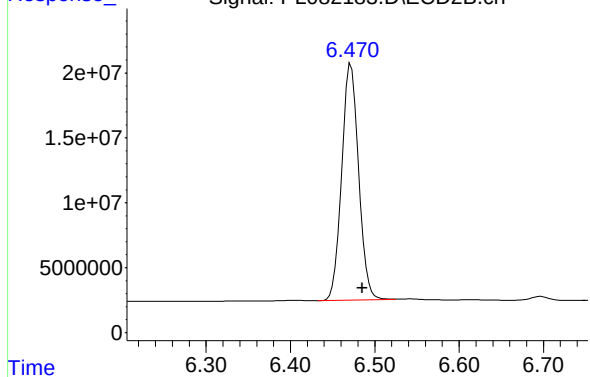
#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.009 min
Response: 5018965
Conc: 3.23 ng/ml



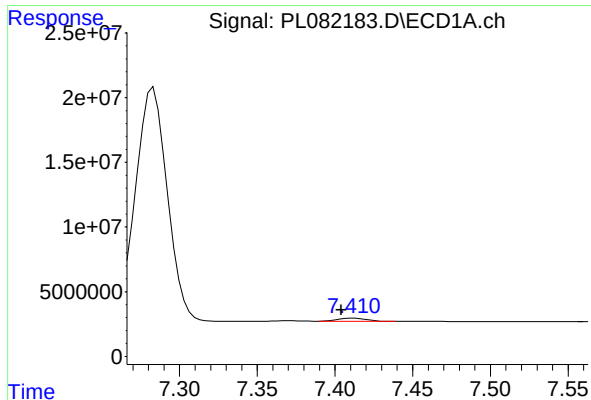
#20 Methoxychlor

R.T.: 7.283 min
Delta R.T.: 0.010 min
Response: 257742698
Conc: 239.34 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.015 min
Response: 254087580
Conc: 255.10 ng/ml m



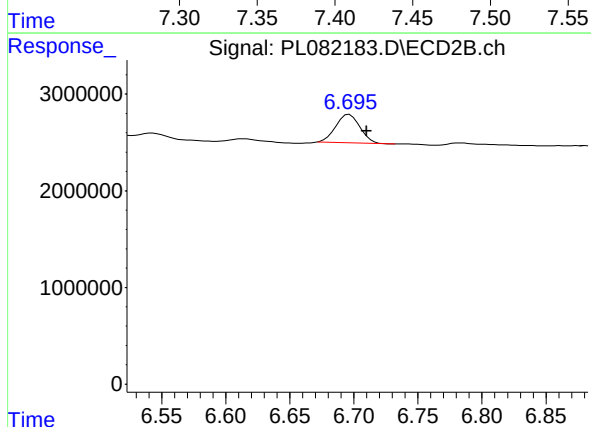
#21 Endrin ketone

R.T.: 7.412 min
Delta R.T.: 0.008 min
Response: 3211282
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

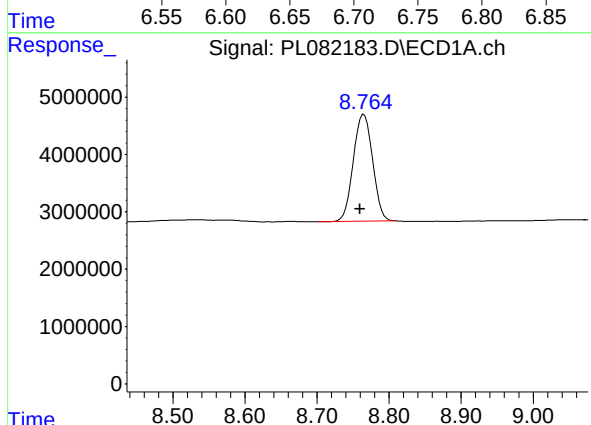
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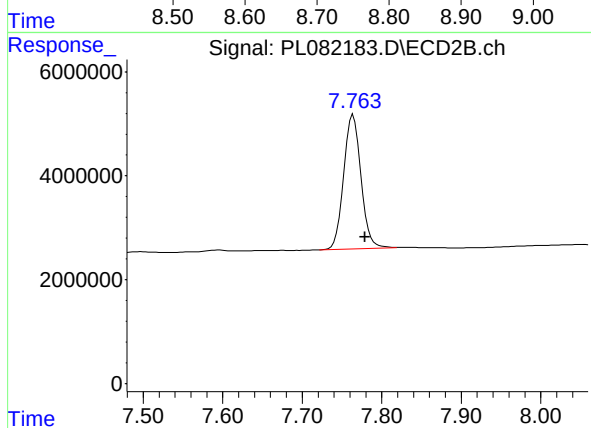
#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: -0.014 min
Response: 3894890
Conc: 1.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.005 min
Response: 34707165
Conc: 19.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.763 min
Delta R.T.: -0.016 min
Response: 39173265
Conc: 19.75 ng/ml m