

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040423\
 Data File : PL081847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 08:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:03:23 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	47019721	38969259	20.216	19.522
28)	SA Decachlor...	8.753	7.773	33535210	36363612	18.739	18.335
Target Compounds							
2)	A alpha-BHC	3.779	3.155	32071813	25559392	9.355	8.768
3)	MA gamma-BHC...	4.107	3.483	30620060	24570264	9.639	8.825
6)	B beta-BHC	4.310	3.782	15497537	12830262	10.297	10.773
12)	B 4,4'-DDE	5.961	5.098	302810	320321	0.134m	0.163m
14)	MA Endrin	6.332	5.502	89109538	91406697	42.128	45.168
16)	A 4,4'-DDD	6.475	5.651	6476874	5891334	3.591m	3.882m
17)	MA 4,4'-DDT	6.788	5.901	166.4E6	169.2E6	81.994	98.202
18)	B Endrin al...	6.684	5.979	2754002	3551817	1.683	2.287 #
20)	A Methoxychlor	7.268	6.481	222.1E6	227.3E6	206.215	228.209
21)	B Endrin ke...	7.397	6.706	5088896	6592984	2.429	3.085 #

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

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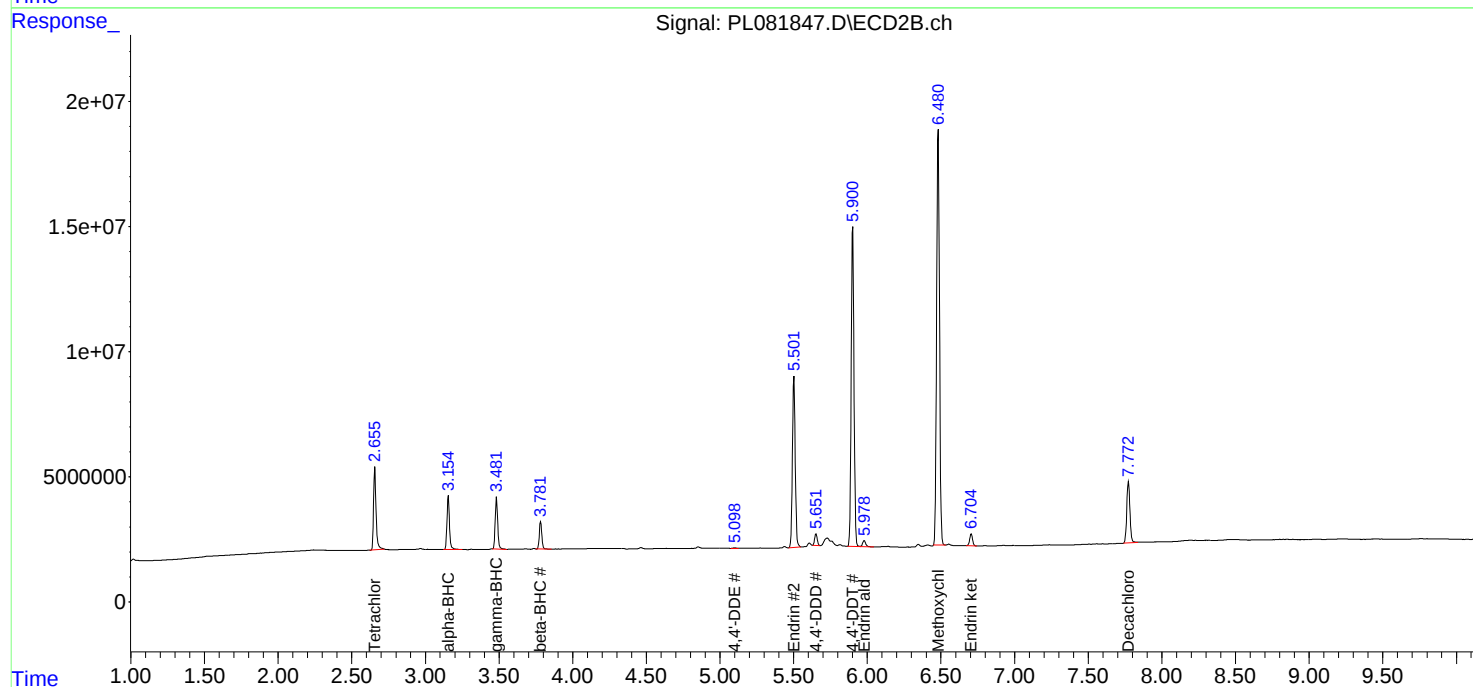
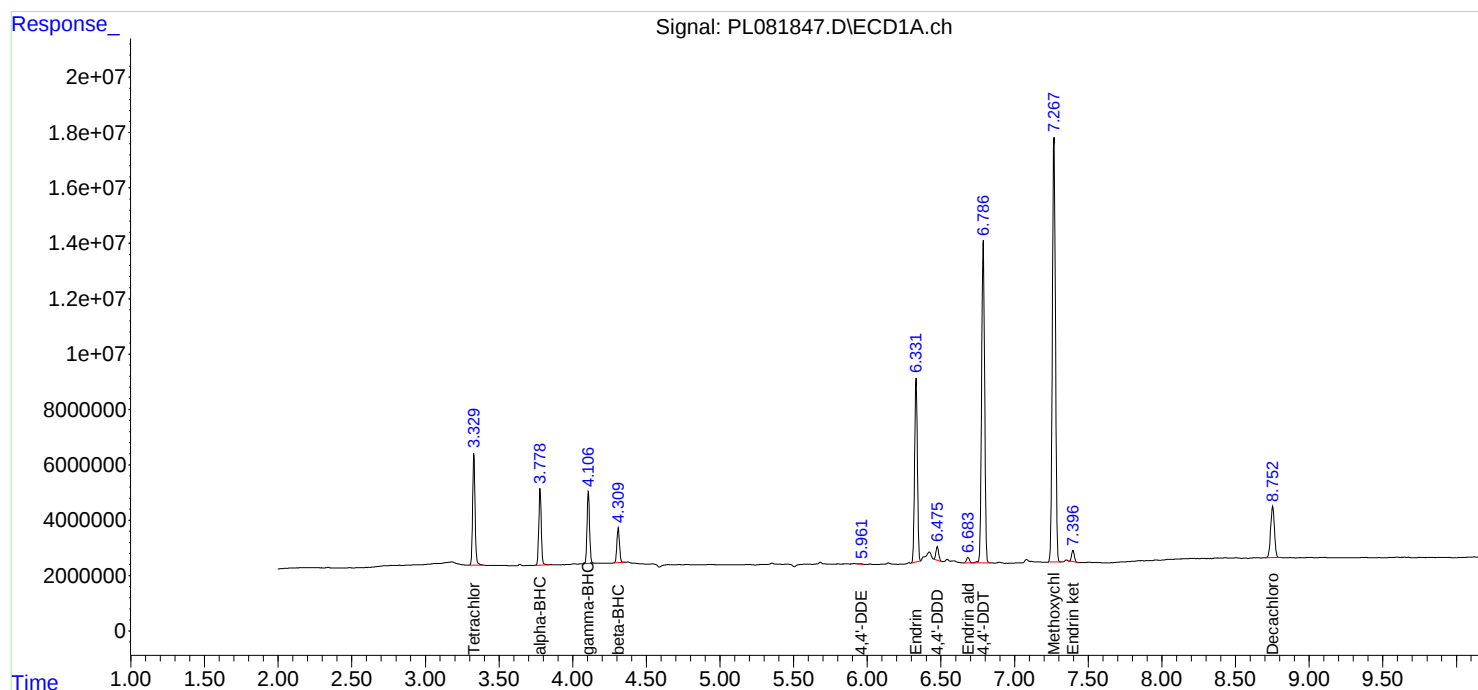
Instrument :
ECD_L
ClientSampleId :
PEM

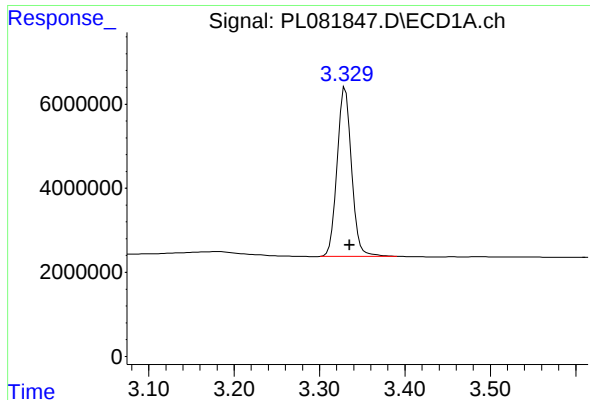
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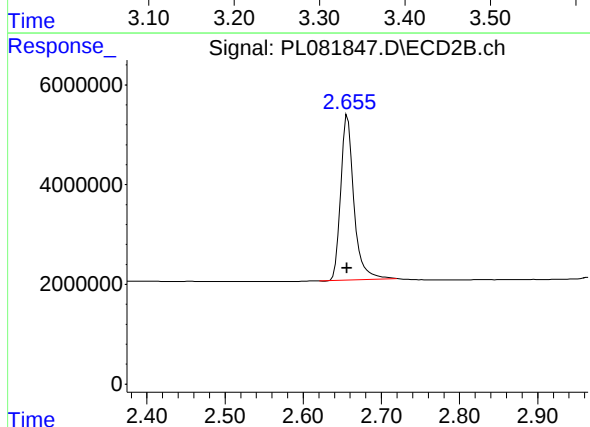
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 47019721
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

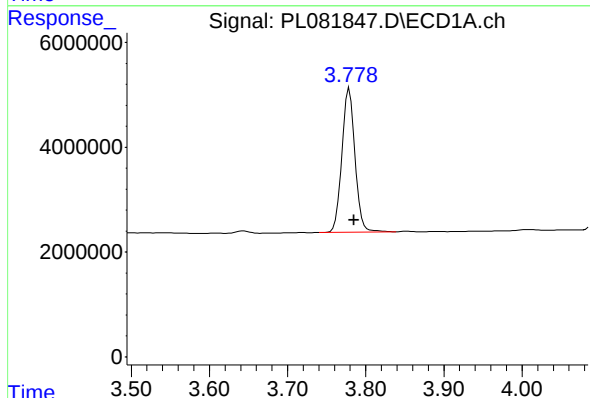
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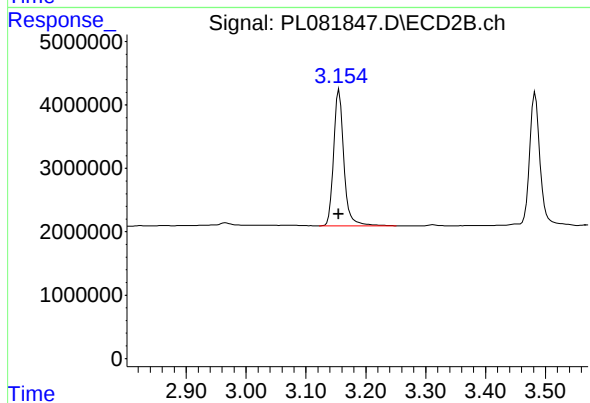
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.000 min
Response: 38969259
Conc: 19.52 ng/ml



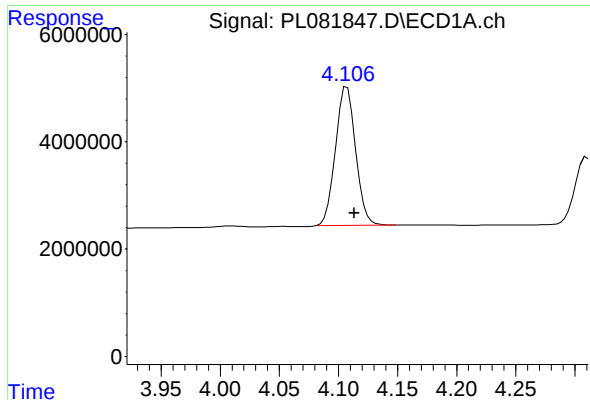
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 32071813
Conc: 9.35 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 25559392
Conc: 8.77 ng/ml



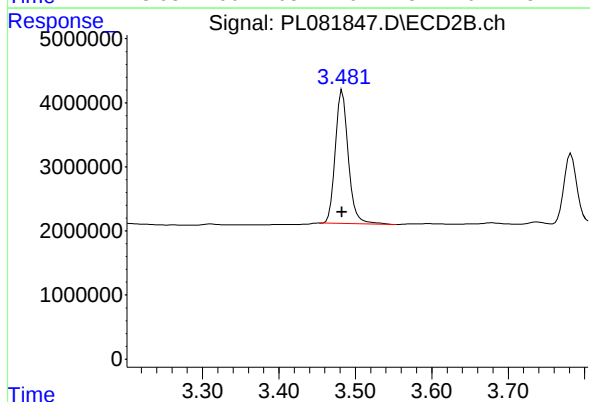
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.006 min
Response: 30620060
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

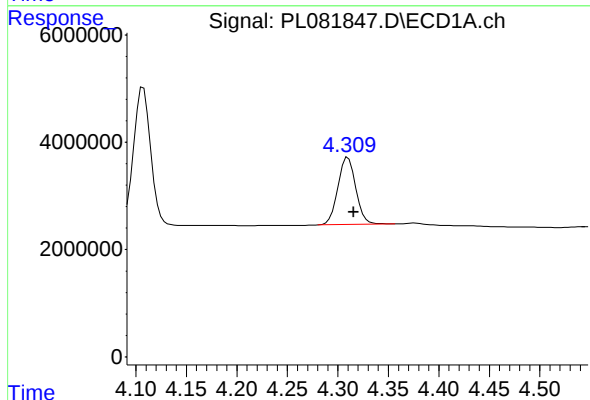
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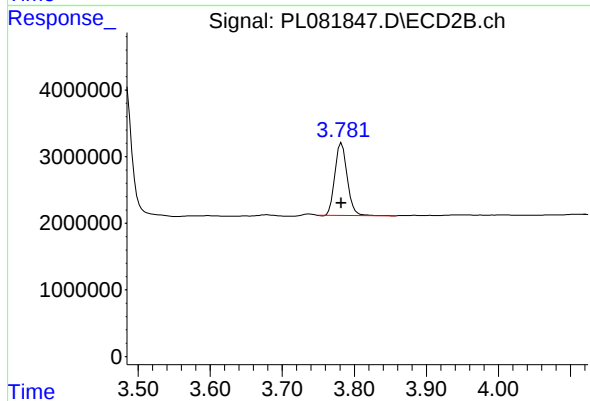
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 24570264
Conc: 8.82 ng/ml



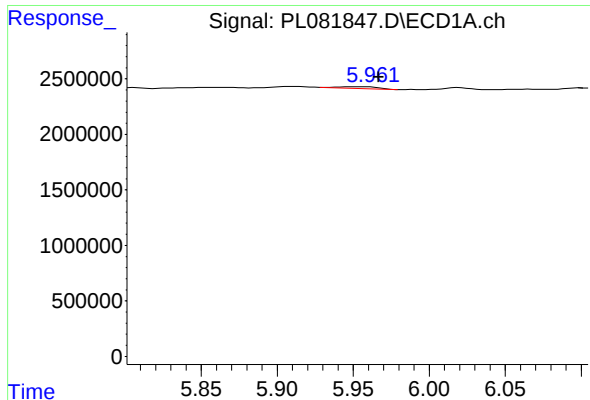
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 15497537
Conc: 10.30 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 12830262
Conc: 10.77 ng/ml



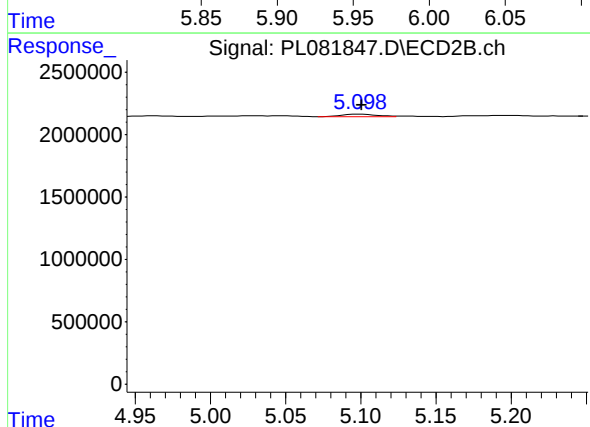
#12 4,4'-DDE

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 302810
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

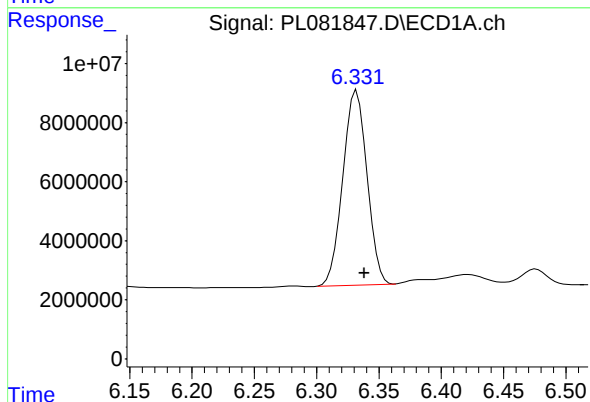
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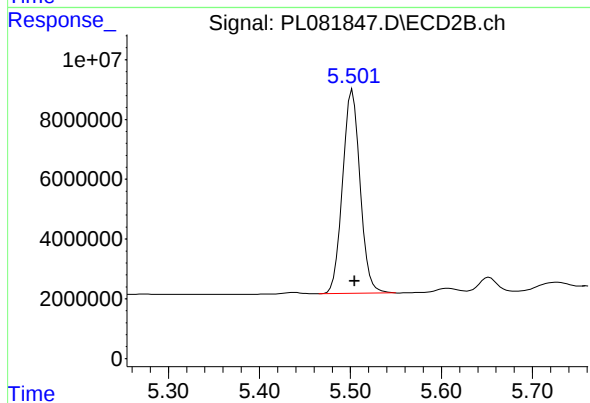
#12 4,4'-DDE

R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 320321
Conc: 0.16 ng/ml



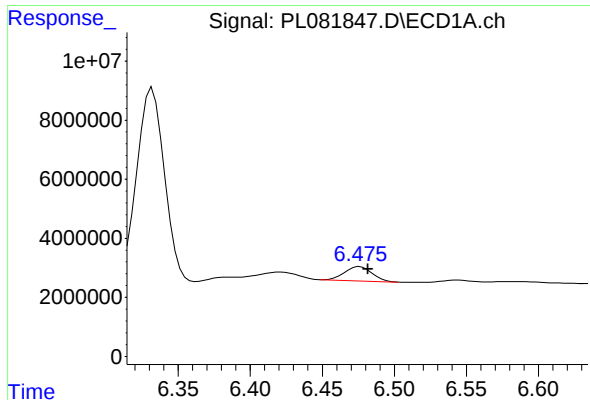
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 89109538
Conc: 42.13 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 91406697
Conc: 45.17 ng/ml



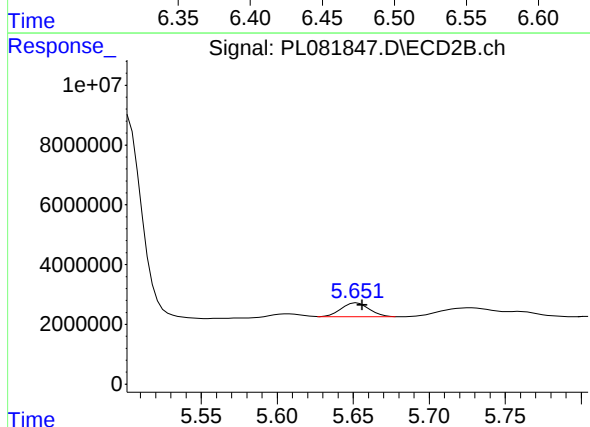
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 6476874
Conc: 3.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

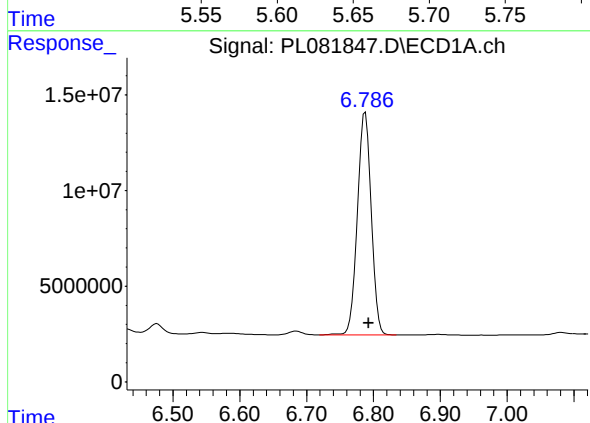
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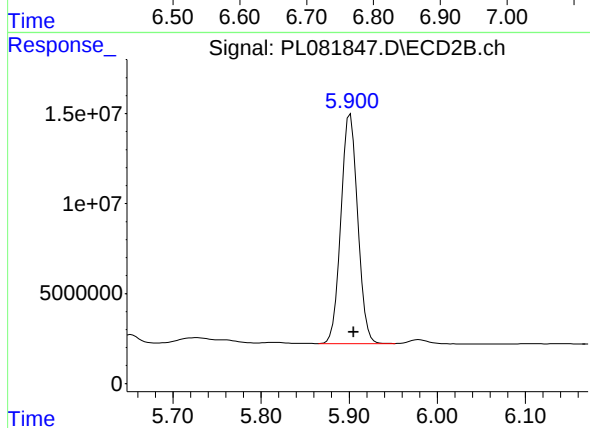
#16 4,4'-DDD

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 5891334
Conc: 3.88 ng/ml



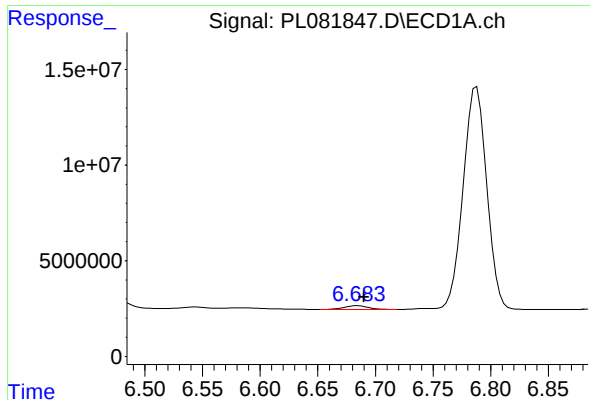
#17 4,4'-DDT

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 166417385
Conc: 81.99 ng/ml



#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 169227986
Conc: 98.20 ng/ml



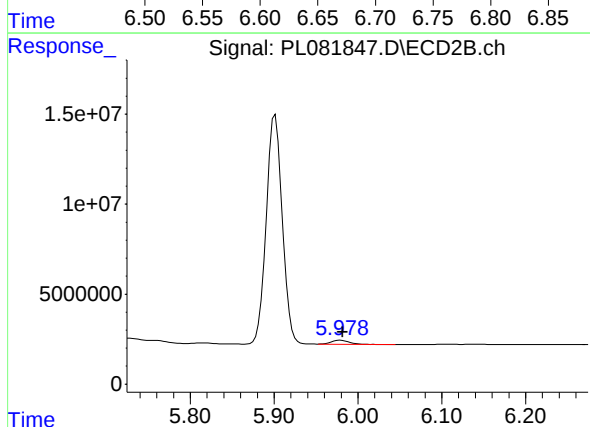
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 2754002
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

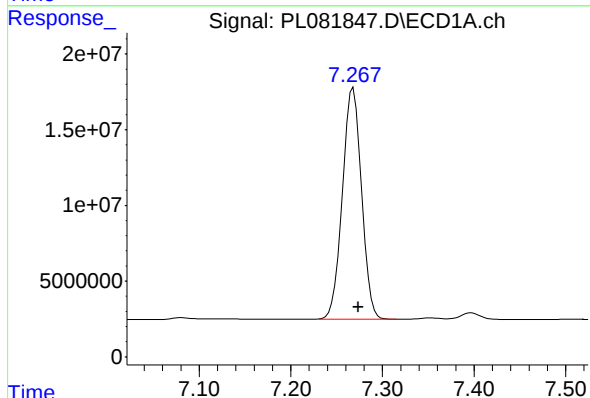
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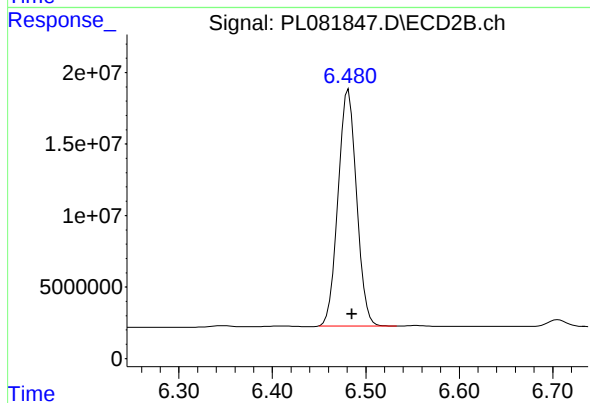
#18 Endrin aldehyde

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 3551817
Conc: 2.29 ng/ml



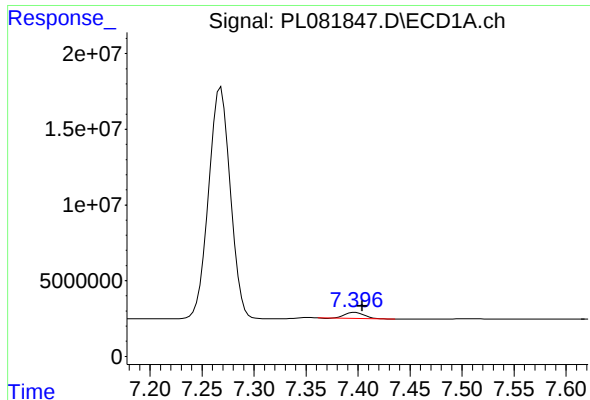
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 222071750
Conc: 206.22 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 227304758
Conc: 228.21 ng/ml



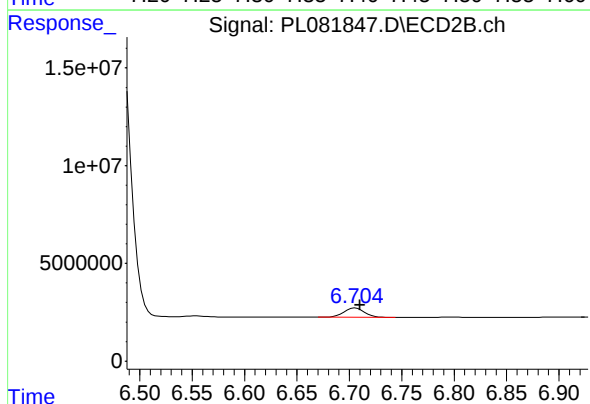
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 5088896
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

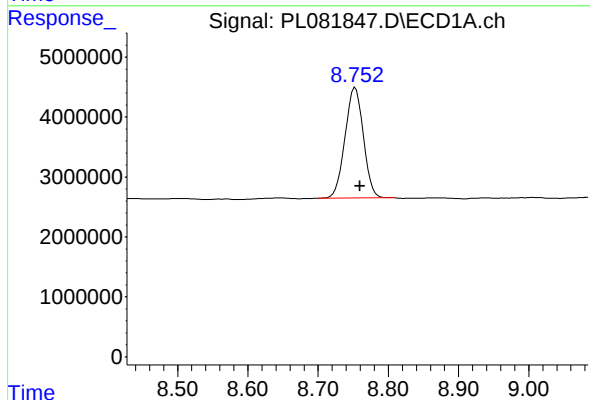
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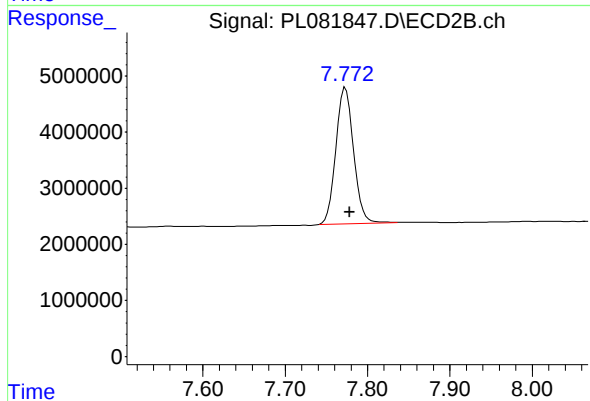
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 6592984
Conc: 3.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.007 min
Response: 33535210
Conc: 18.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.005 min
Response: 36363612
Conc: 18.34 ng/ml