

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062523\
 Data File : PL083676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2023 21:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/26/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 11:13:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.430	2.692	48601510	56736897	19.561	19.540
28)	SA Decachlor...	8.971	7.881	35022286	46661696	20.506	18.872
Target Compounds							
2)	A alpha-BHC	3.886	3.197	35051454	37519225	9.335	8.954
3)	MA gamma-BHC...	4.220	3.528	33706159	35342765	9.675	8.843
6)	B beta-BHC	4.420	3.829	15548389	17491908	10.355	10.410
12)	B 4,4'-DDE	6.090	5.178	462642	185698	0.162m	0.066 #
14)	MA Endrin	6.477	5.572	118.9E6	127.4E6	45.060	47.894
16)	A 4,4'-DDD	6.623	5.732	1476277	1207613	0.682	0.557m
17)	MA 4,4'-DDT	6.938	5.986	230.2E6	262.2E6	98.017	105.715
18)	B Endrin al...	6.828	6.052	2699132	3545226	1.459m	1.734m
20)	A Methoxychlor	7.421	6.571	290.8E6	314.5E6	251.401	248.359
21)	B Endrin ke...	7.548	6.780	4487857	6317054	1.932m	2.179m

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

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Sample : PEM
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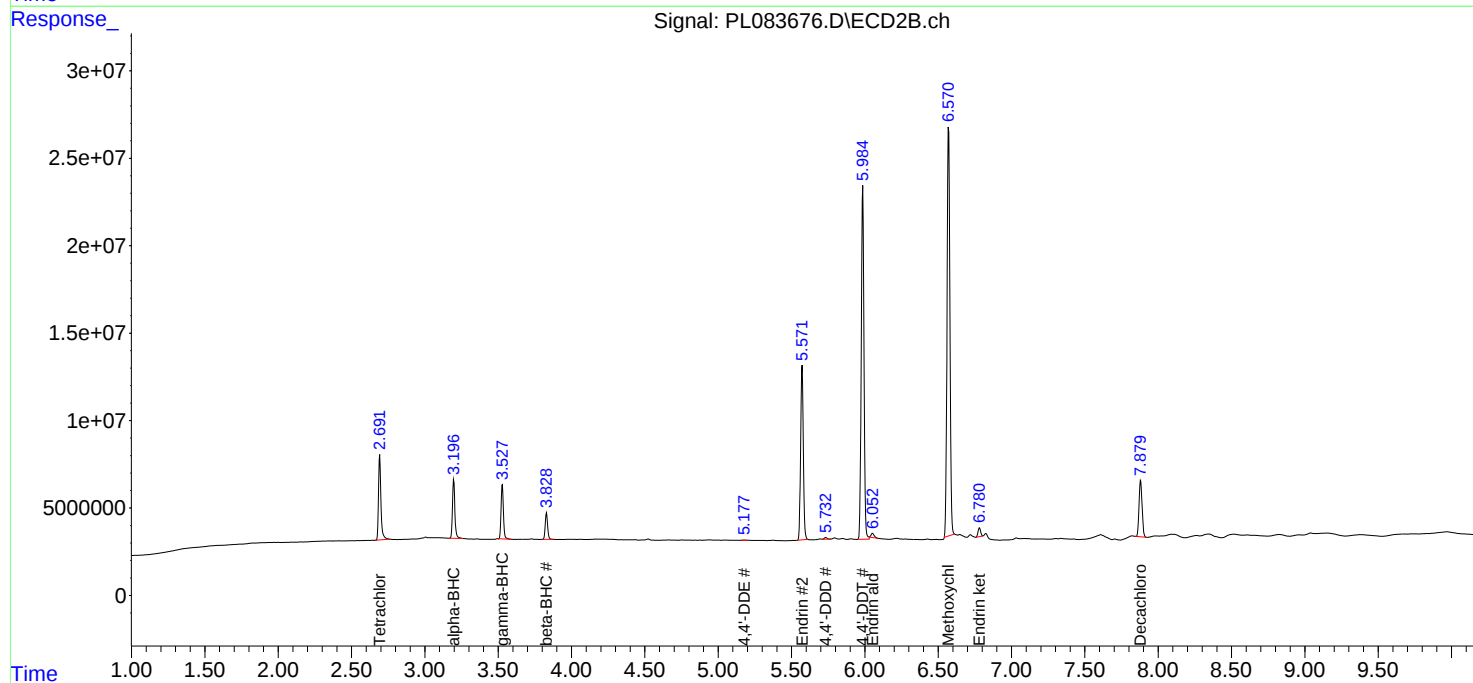
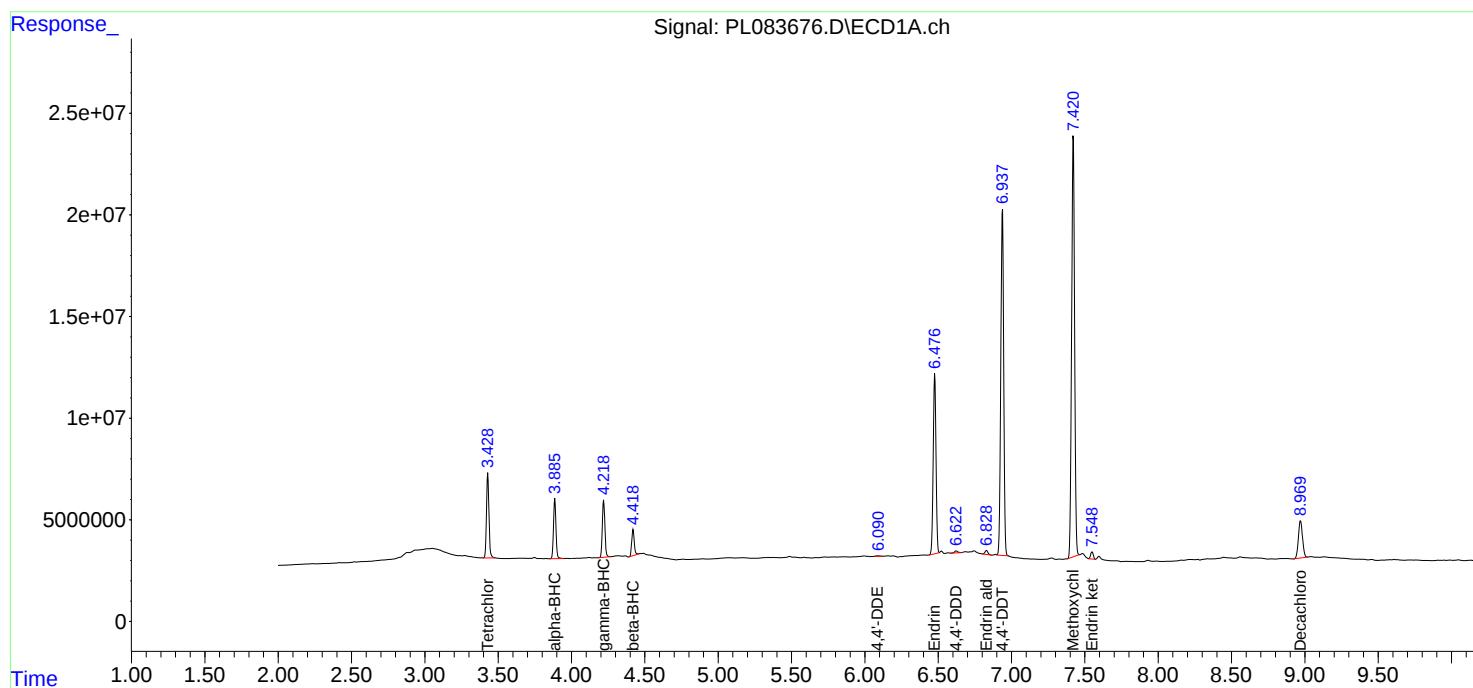
Instrument :
ECD_L
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PEM

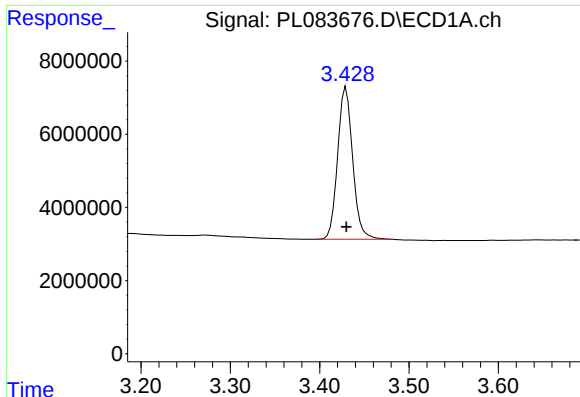
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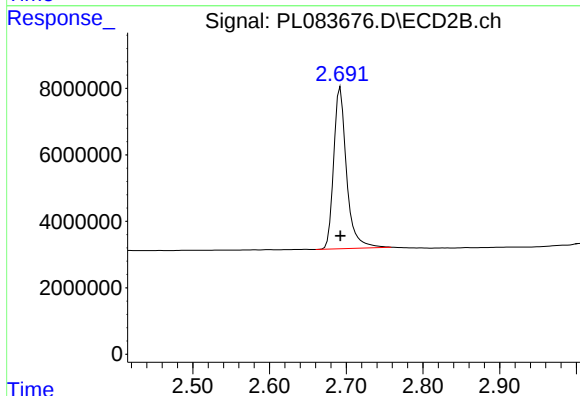
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 48601510
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

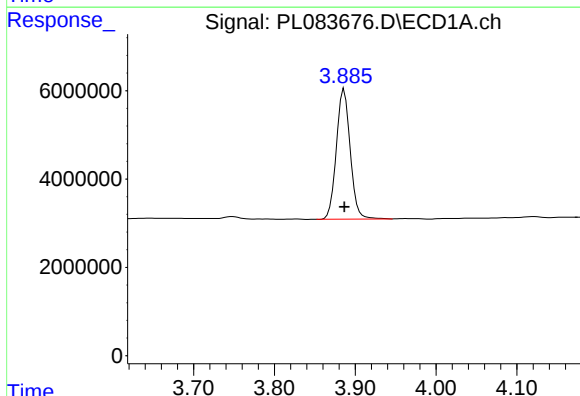
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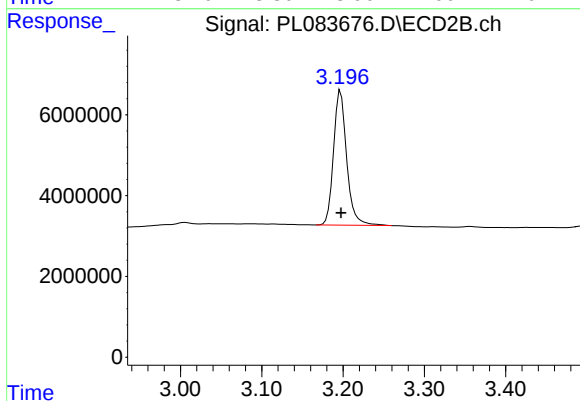
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 56736897
Conc: 19.54 ng/ml



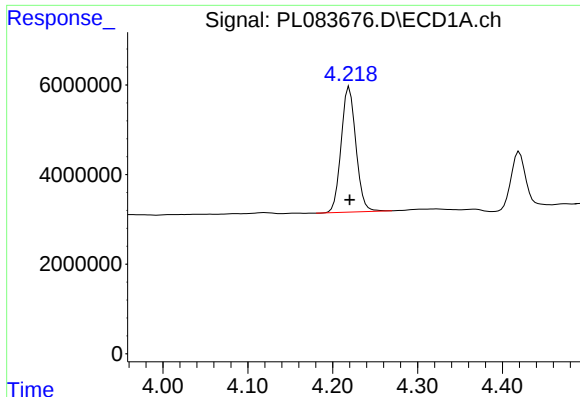
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 35051454
Conc: 9.33 ng/ml



#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: 0.000 min
Response: 37519225
Conc: 8.95 ng/ml



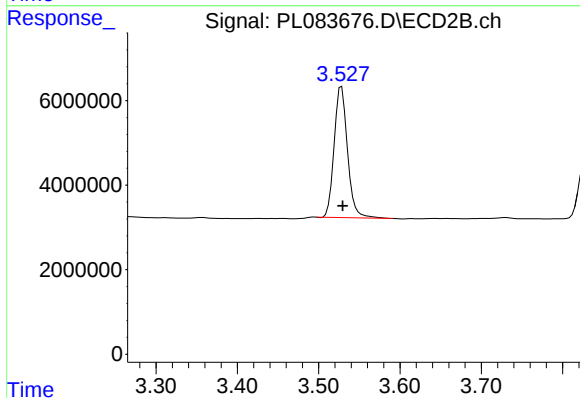
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 33706159
Conc: 9.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

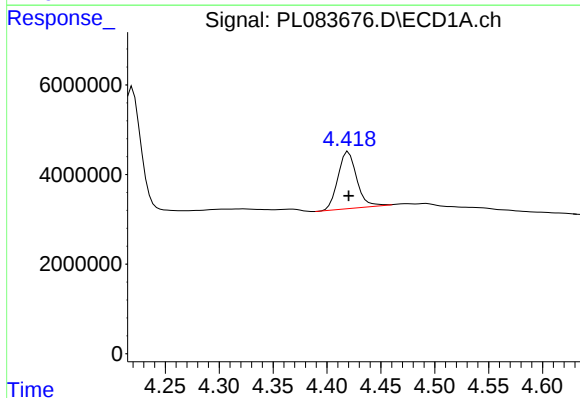
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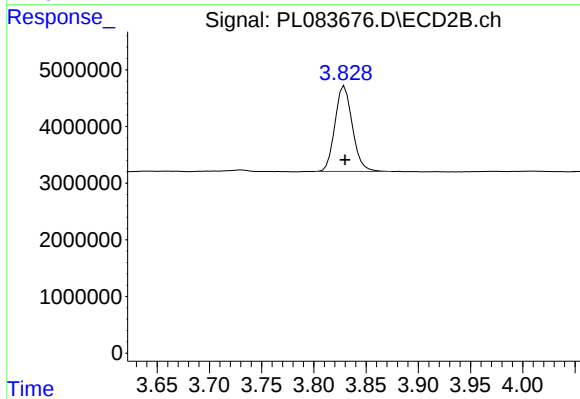
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 35342765
Conc: 8.84 ng/ml



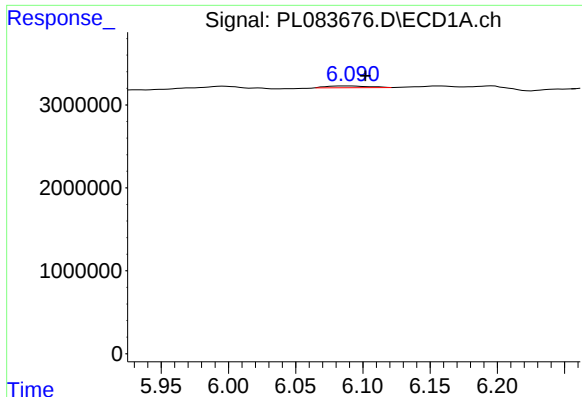
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 15548389
Conc: 10.36 ng/ml



#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 17491908
Conc: 10.41 ng/ml



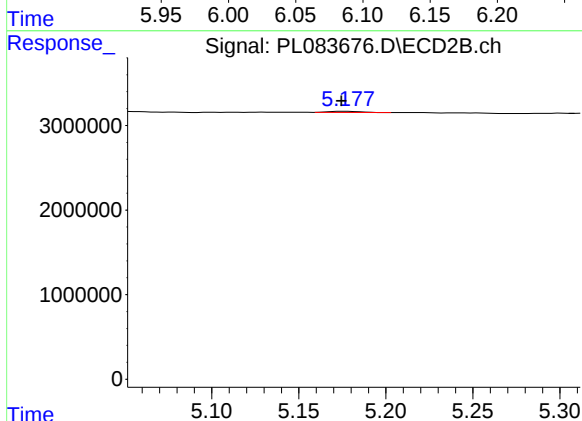
#12 4,4'-DDE

R.T.: 6.090 min
Delta R.T.: -0.011 min
Response: 462642
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

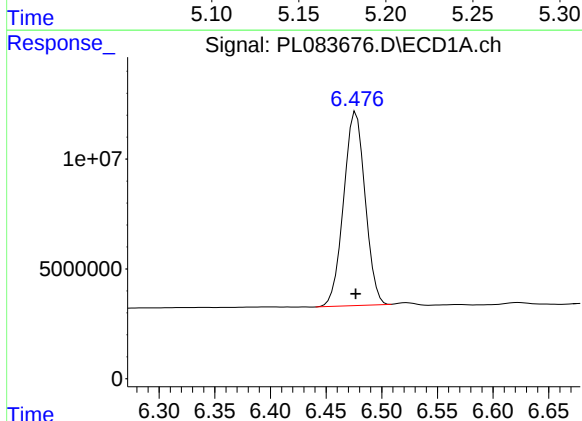
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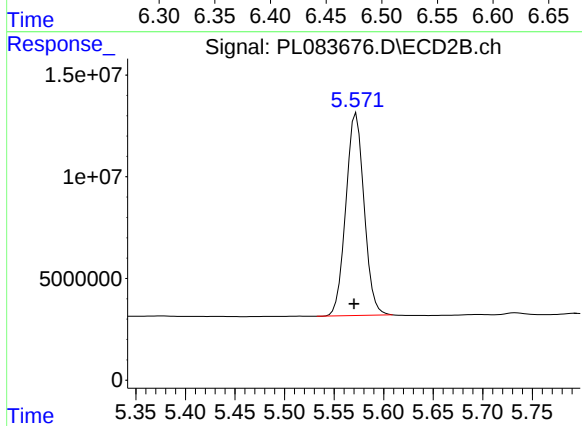
#12 4,4'-DDE

R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 185698
Conc: 0.07 ng/ml



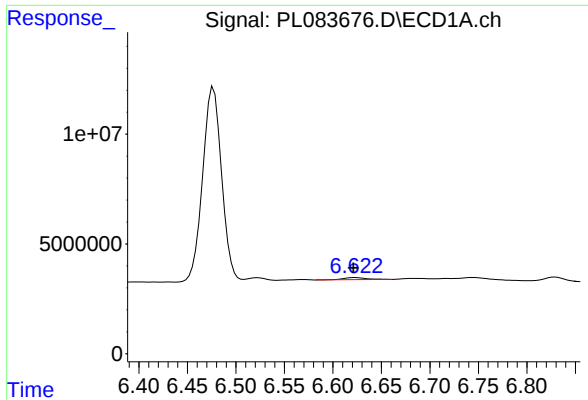
#14 Endrin

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 118890984
Conc: 45.06 ng/ml



#14 Endrin

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 127447982
Conc: 47.89 ng/ml



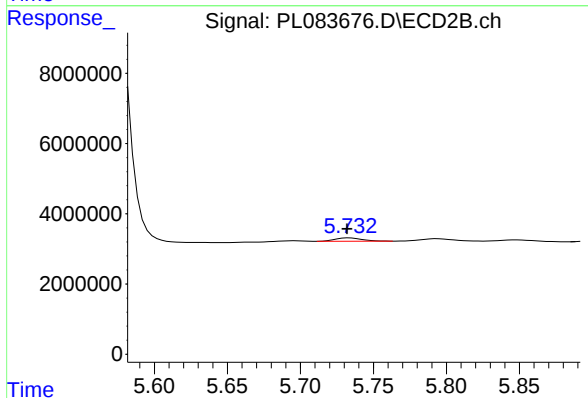
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 1476277
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

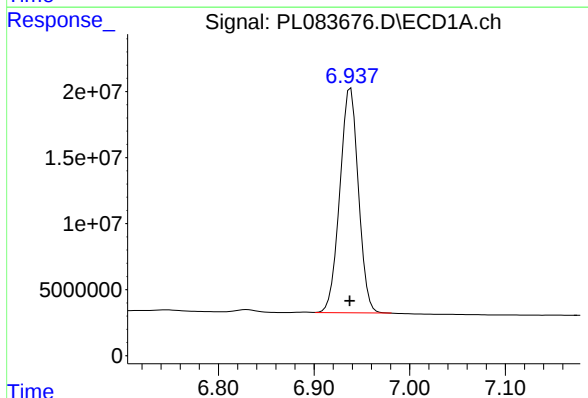
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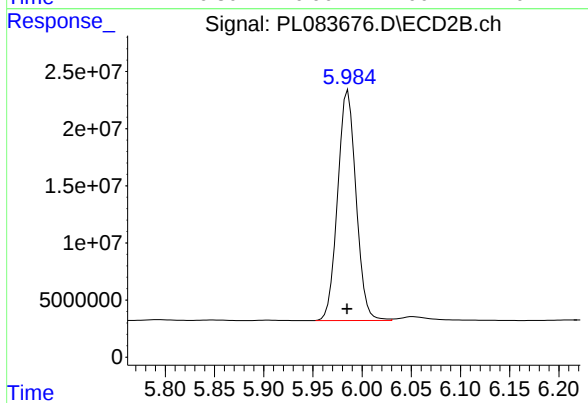
#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 1207613
Conc: 0.56 ng/ml m



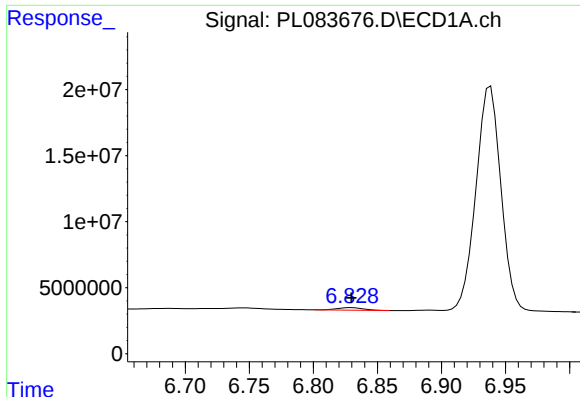
#17 4,4'-DDT

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 230214855
Conc: 98.02 ng/ml



#17 4,4'-DDT

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 262205432
Conc: 105.72 ng/ml



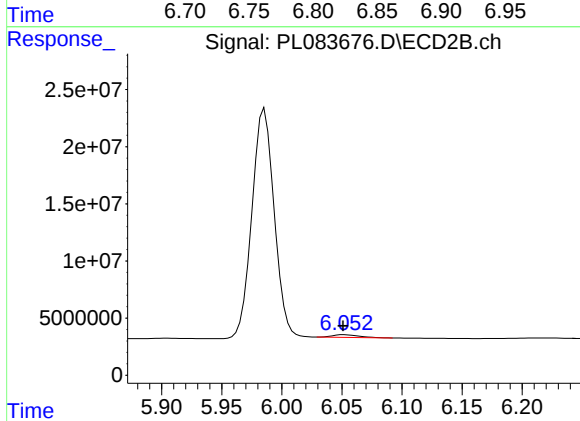
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: -0.001 min
Response: 2699132
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

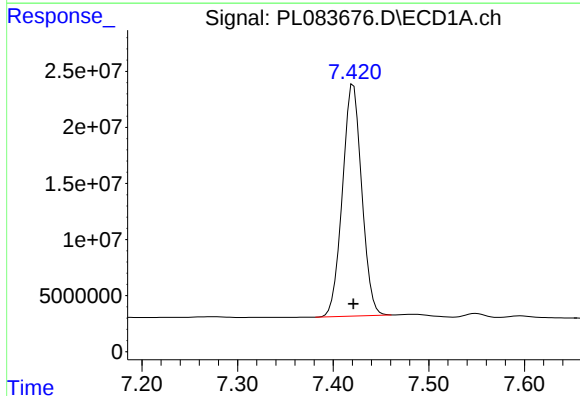
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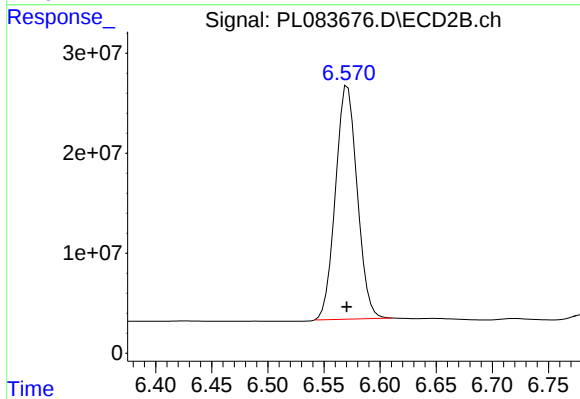
#18 Endrin aldehyde

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 3545226
Conc: 1.73 ng/ml m



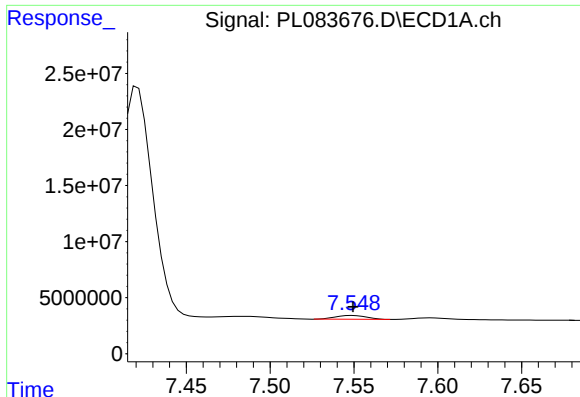
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 290784975
Conc: 251.40 ng/ml



#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 314453178
Conc: 248.36 ng/ml



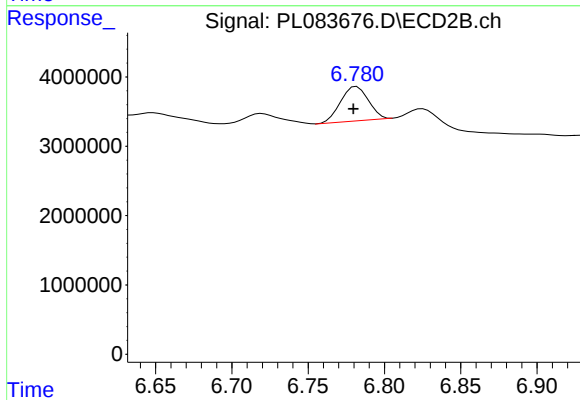
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 4487857
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

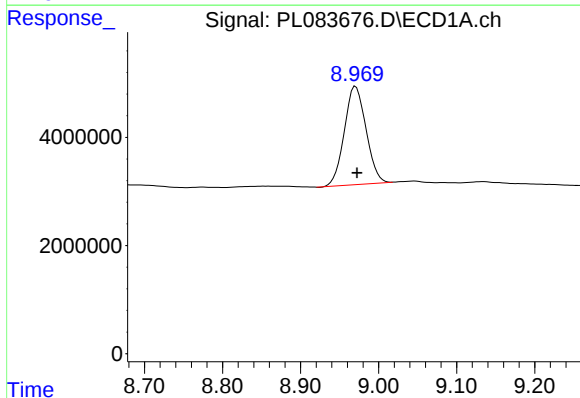
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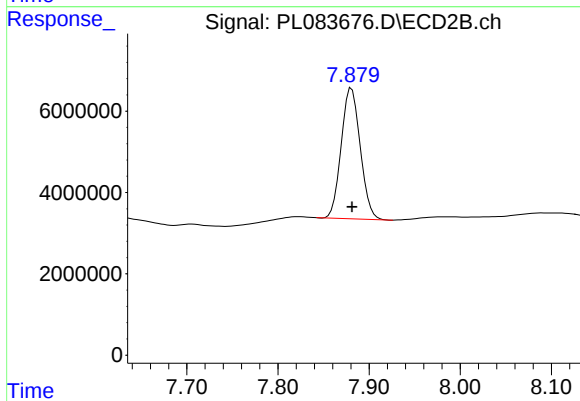
#21 Endrin ketone

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 6317054
Conc: 2.18 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.971 min
Delta R.T.: -0.002 min
Response: 35022286
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 46661696
Conc: 18.87 ng/ml