

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080323\
 Data File : PL084493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2023 20:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/04/2023
 Supervised By : Ankita Jodhani 08/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 02:13:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.476	2.686	43953656	21024159	18.917	19.334
28)	SA Decachlor...	9.026	7.867	31249910	24420107	19.206	19.586
Target Compounds							
2)	A alpha-BHC	3.934	3.191	30479731	14378209	9.232	9.312
3)	MA gamma-BHC...	4.267	3.521	29231982	13545391	9.164	8.914
6)	B beta-BHC	4.467	3.823	14811631	7154791	10.603	10.678
14)	MA Endrin	6.525	5.561	94289840	57447505	43.233	46.965
16)	A 4,4'-DDD	6.668	5.722	1691090	787704	1.009	0.762
17)	MA 4,4'-DDT	6.983	5.975	174.9E6	120.9E6	93.352	104.153
18)	B Endrin al...	6.877	6.042	2628679	1832931	1.558	1.848
20)	A Methoxychlor	7.465	6.559	211.3E6	158.9E6	220.127	231.553
21)	B Endrin ke...	7.595	6.770	4046621	3312521	2.023m	2.296

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

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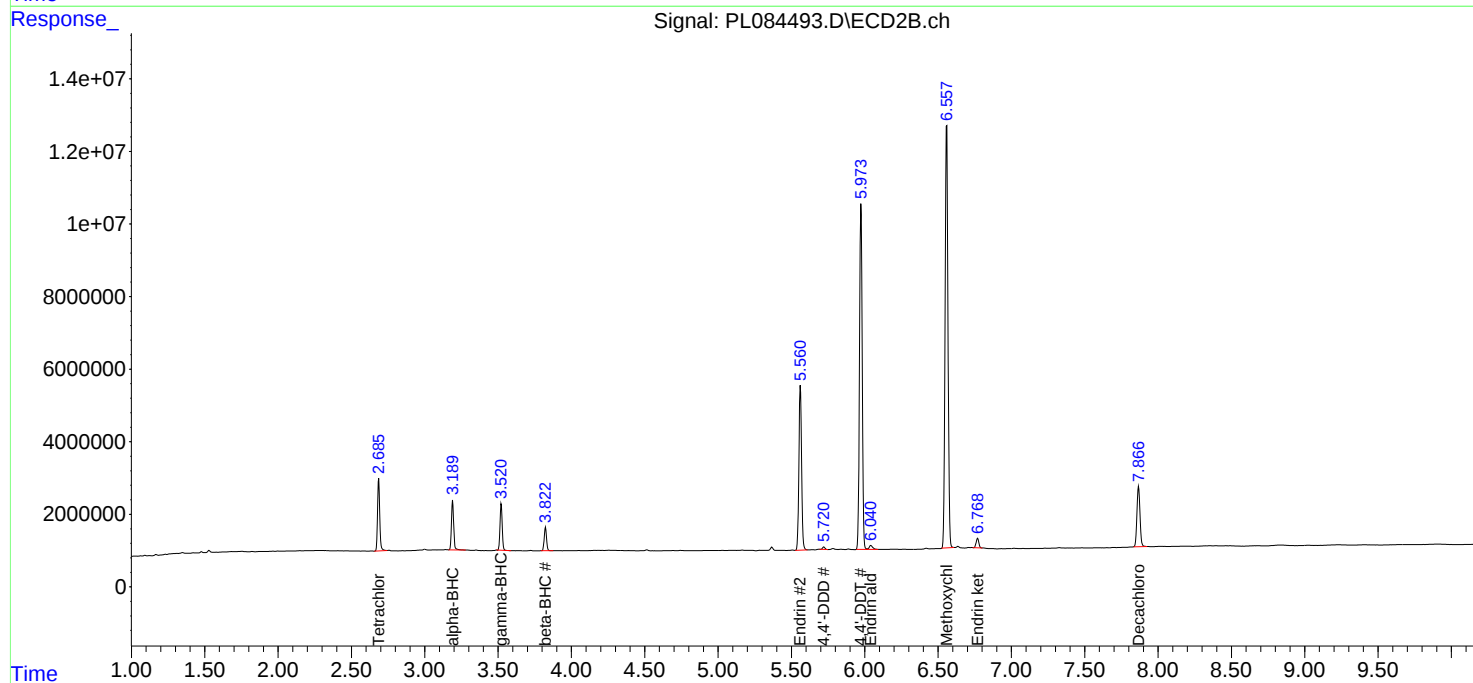
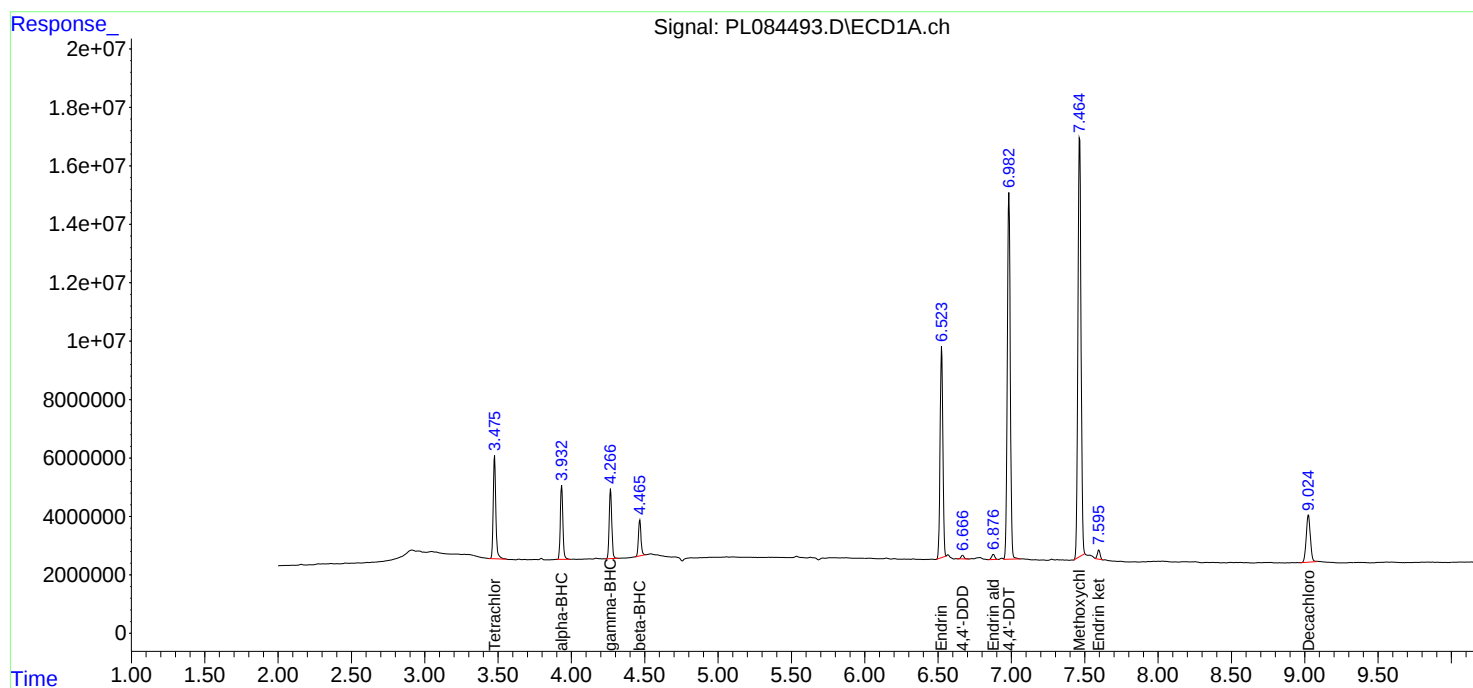
Instrument :
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ClientSampleId :
PEM

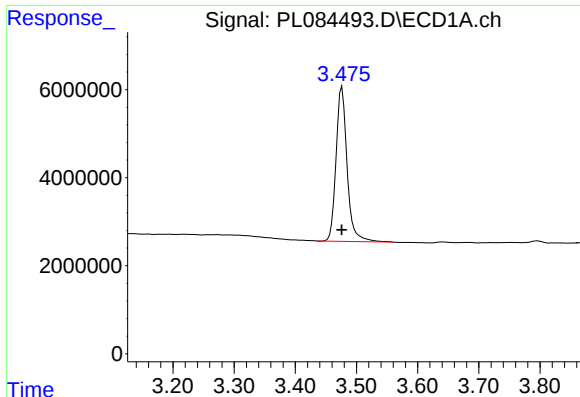
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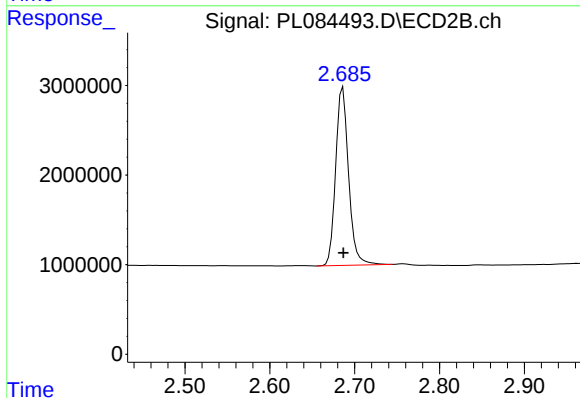
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 43953656
Conc: 18.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

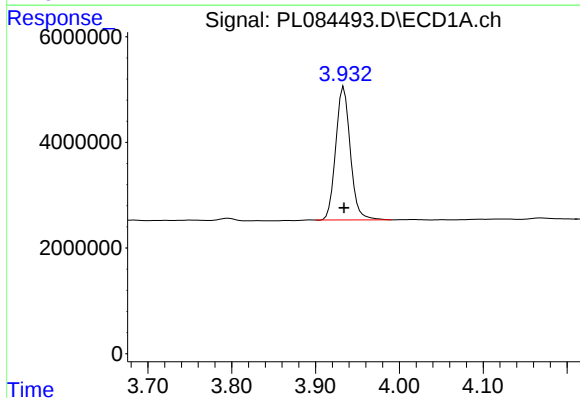
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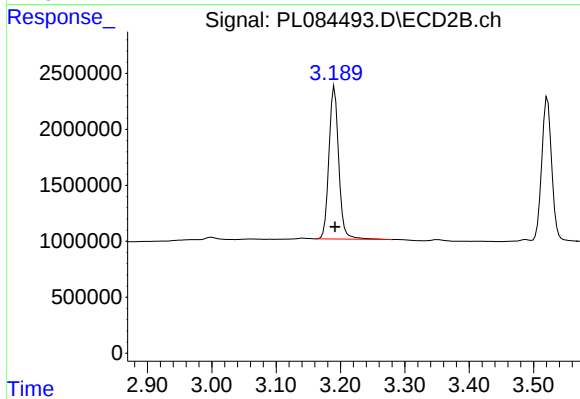
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 21024159
Conc: 19.33 ng/ml



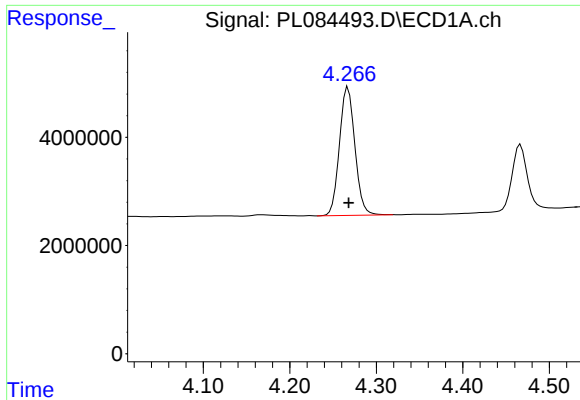
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 30479731
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 14378209
Conc: 9.31 ng/ml



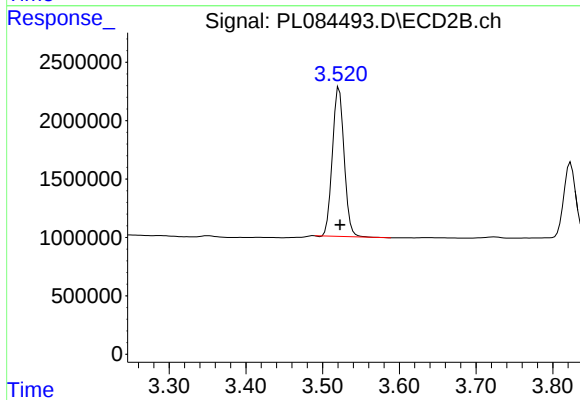
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 29231982
Conc: 9.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

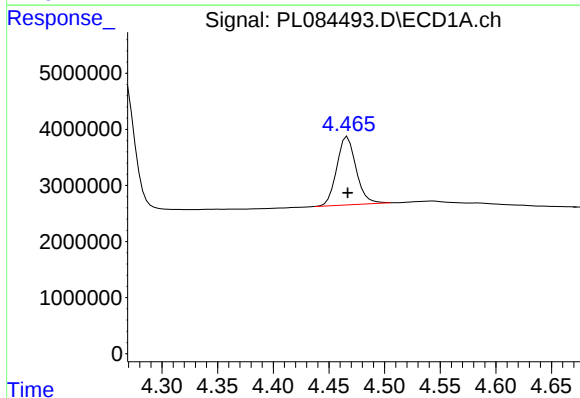
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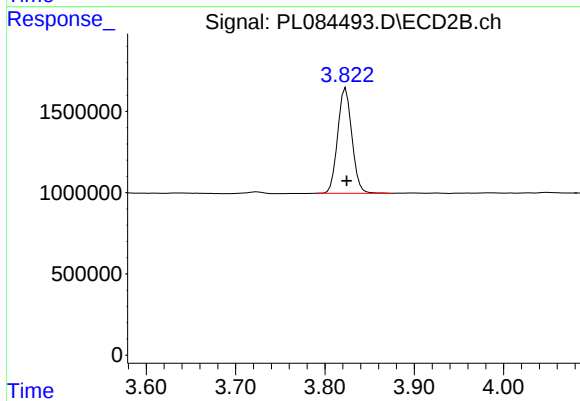
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.001 min
Response: 13545391
Conc: 8.91 ng/ml



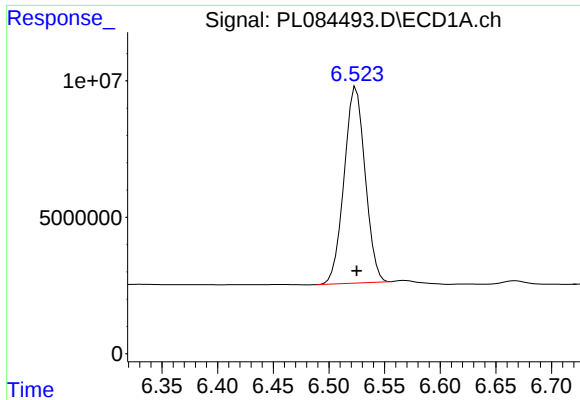
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 14811631
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 7154791
Conc: 10.68 ng/ml



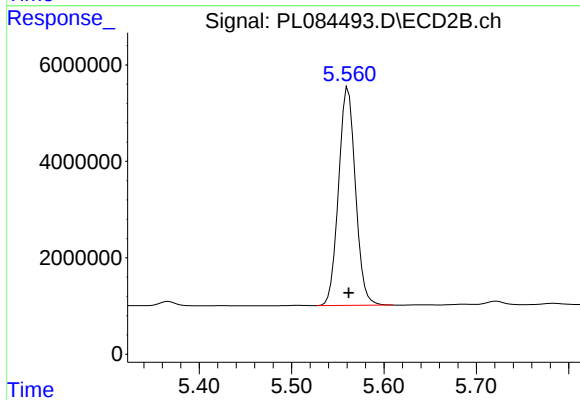
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 94289840
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

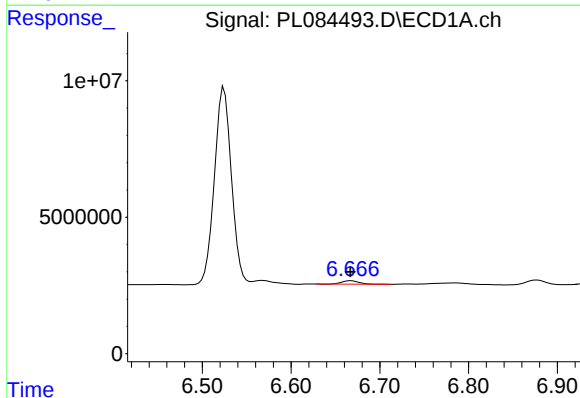
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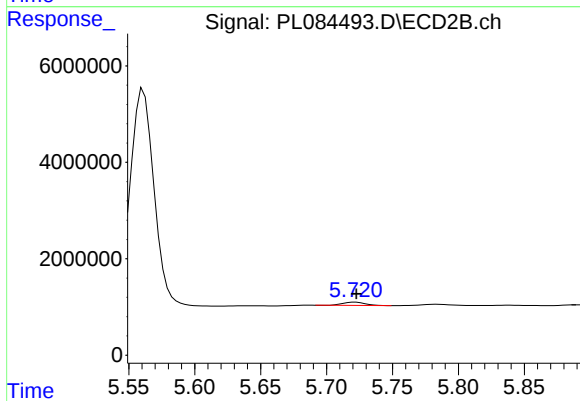
#14 Endrin

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 57447505
Conc: 46.96 ng/ml



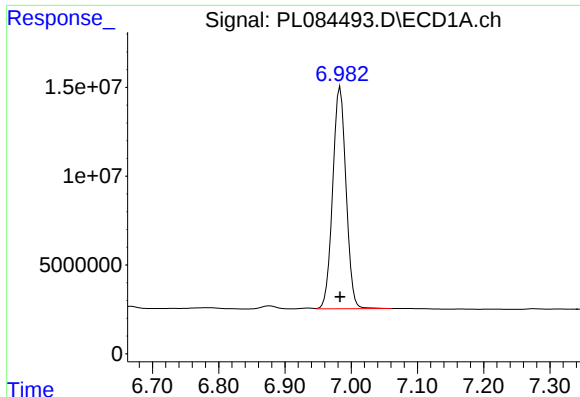
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 1691090
Conc: 1.01 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 787704
Conc: 0.76 ng/ml



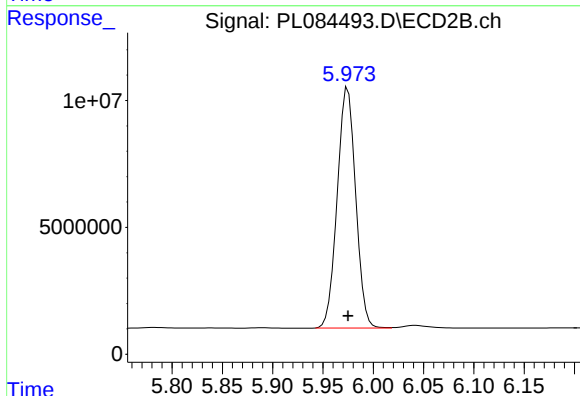
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 174913857
Conc: 93.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

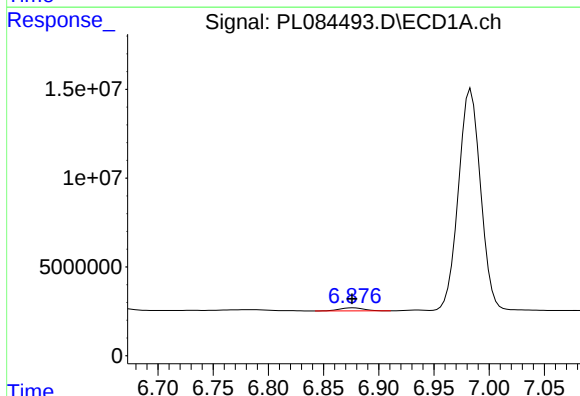
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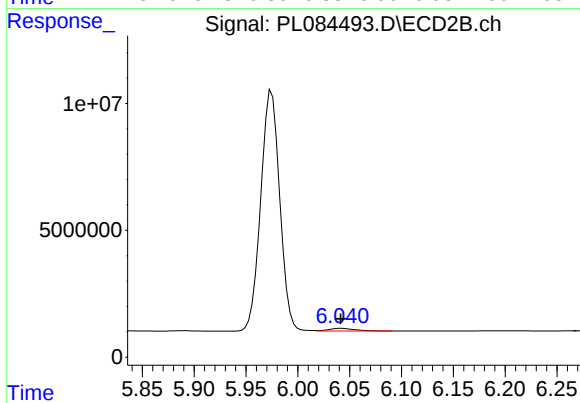
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 120875979
Conc: 104.15 ng/ml



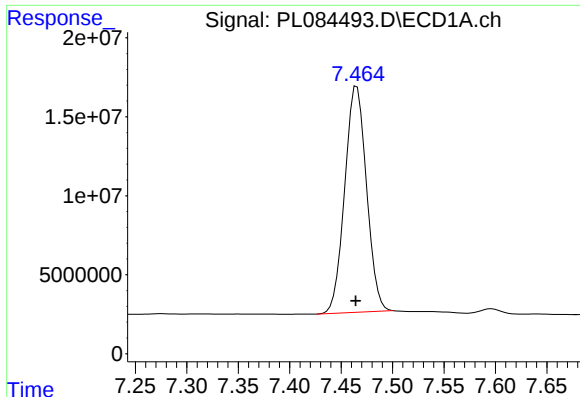
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 2628679
Conc: 1.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 1832931
Conc: 1.85 ng/ml



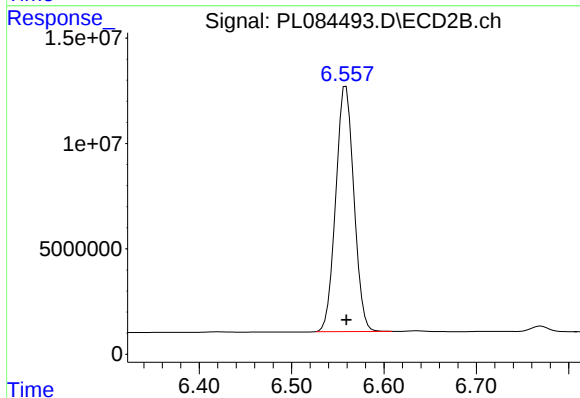
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 211252839
Conc: 220.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

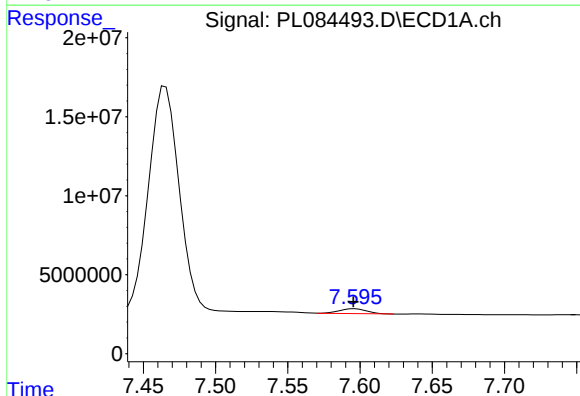
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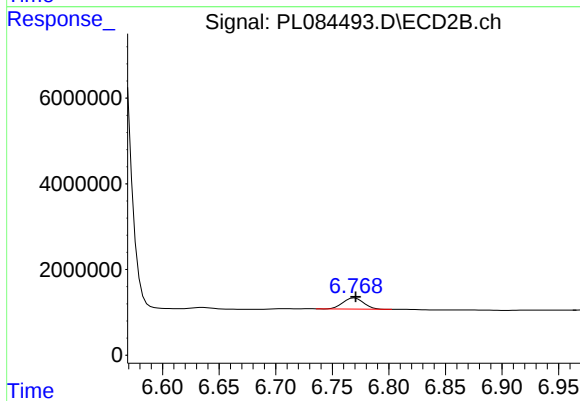
#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 158868776
Conc: 231.55 ng/ml



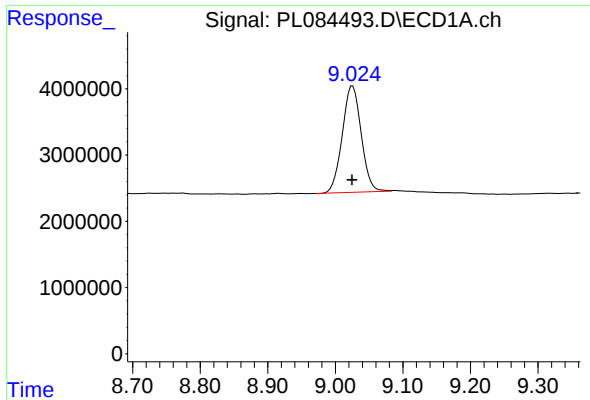
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 4046621
Conc: 2.02 ng/ml m



#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 3312521
Conc: 2.30 ng/ml



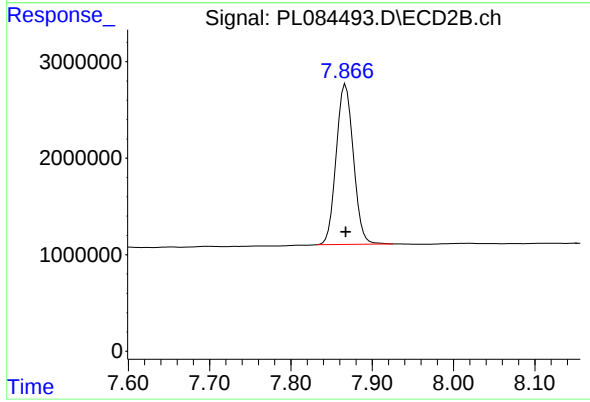
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 31249910
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 24420107
Conc: 19.59 ng/ml