

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091023\
 Data File : PL085203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 08:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/11/2023
 Supervised By : Ankita Jodhani 09/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 22:47:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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	2.684	48926105	21865638	20.003	19.245
28)	SA Decachlor...	9.028	7.864	34979704	25241222	21.752	18.963
Target Compounds							
2)	A alpha-BHC	3.934	3.188	34470732	15024561	10.004	9.187
3)	MA gamma-BHC...	4.268	3.519	33286464	14120751	10.027	8.848
6)	B beta-BHC	4.468	3.822	16168289	7072860	11.440	10.424
12)	B 4,4'-DDE	6.149	5.161	278292	159479	0.134m	0.128
14)	MA Endrin	6.526	5.558	94741277	58362520	45.865	45.659
16)	A 4,4'-DDD	6.669	5.718	3419818	1707437	2.221	1.625 #
17)	MA 4,4'-DDT	6.985	5.971	178.1E6	119.6E6	105.724	102.618
18)	B Endrin al...	6.876	6.039	2336835	3377919	1.520m	3.307 #
20)	A Methoxychlor	7.467	6.556	224.0E6	152.7E6	246.497	227.062
21)	B Endrin ke...	7.599	6.767	4108181	3876491	2.097	2.628 #

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

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Acq On : 08 Sep 2023 08:50
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

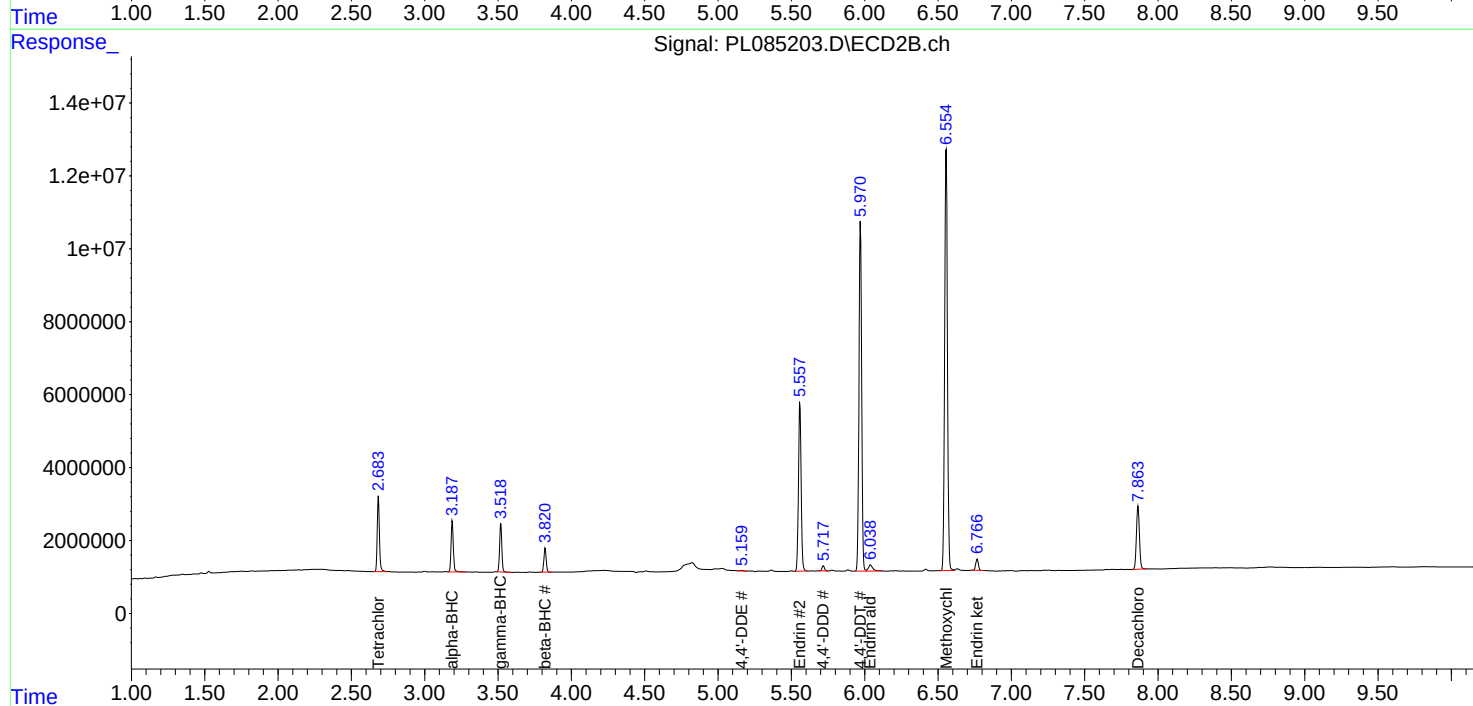
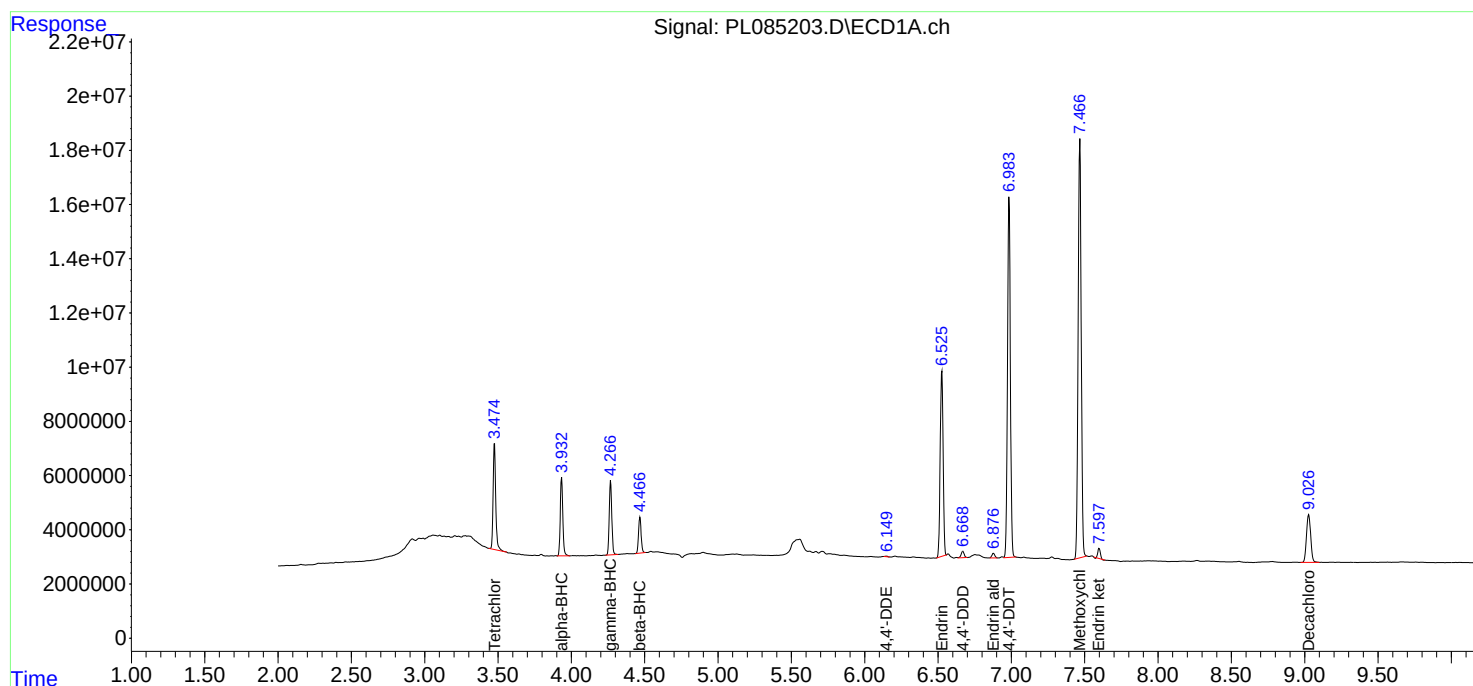
Instrument :
ECD_L
ClientSampleId :
PEM

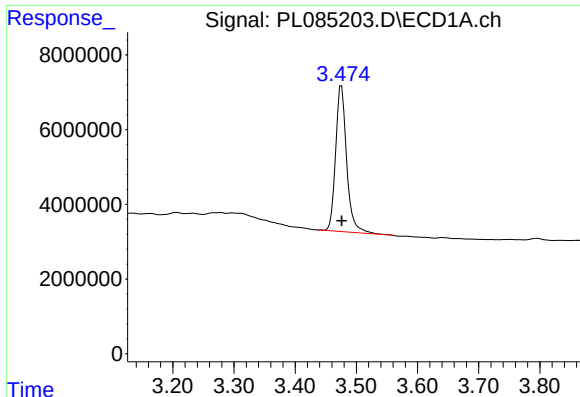
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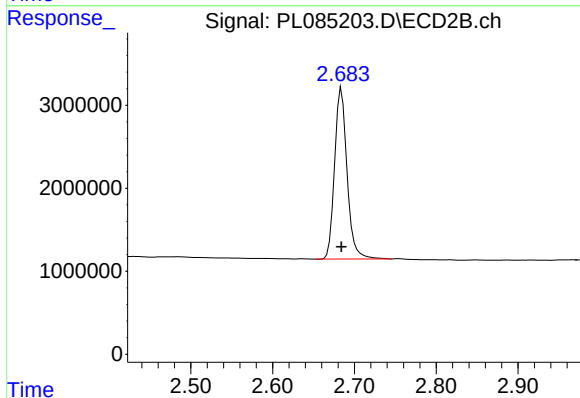
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 48926105
Conc: 20.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

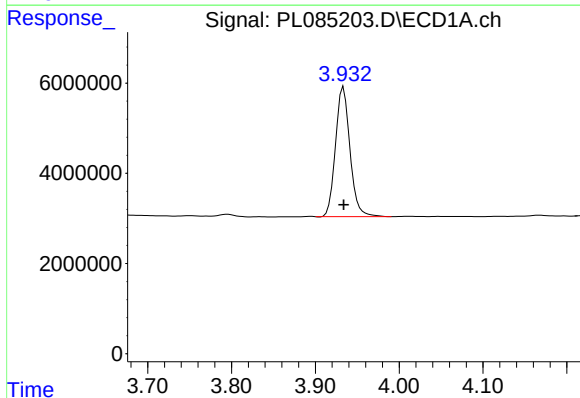
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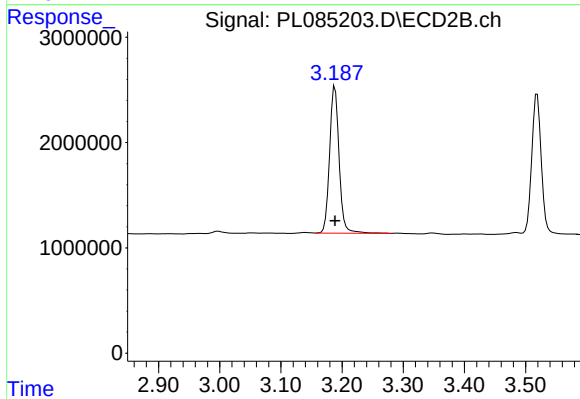
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 21865638
Conc: 19.24 ng/ml



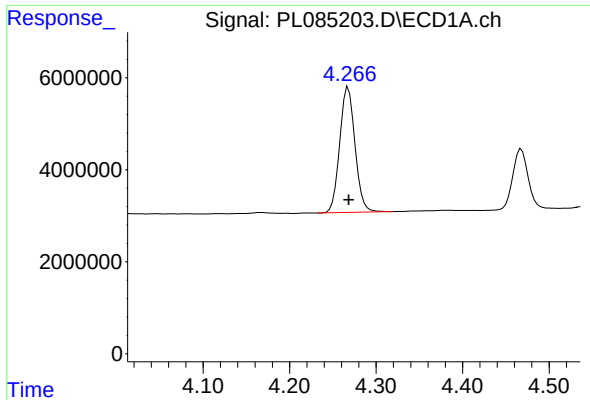
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 34470732
Conc: 10.00 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 15024561
Conc: 9.19 ng/ml



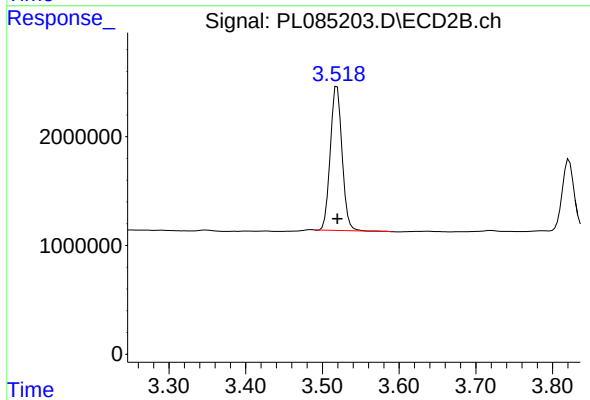
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 33286464
Conc: 10.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

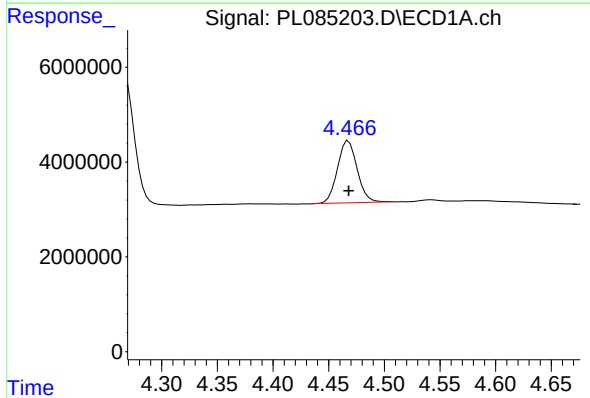
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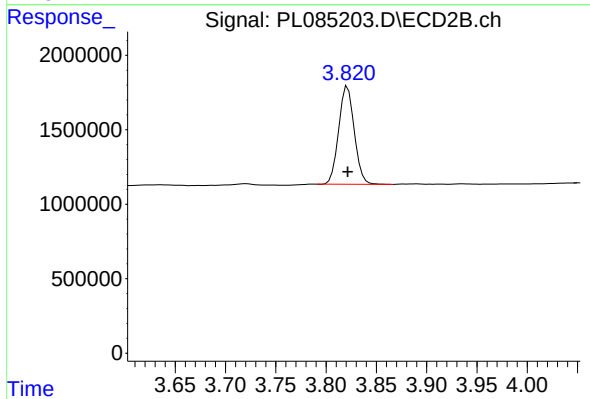
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 14120751
Conc: 8.85 ng/ml



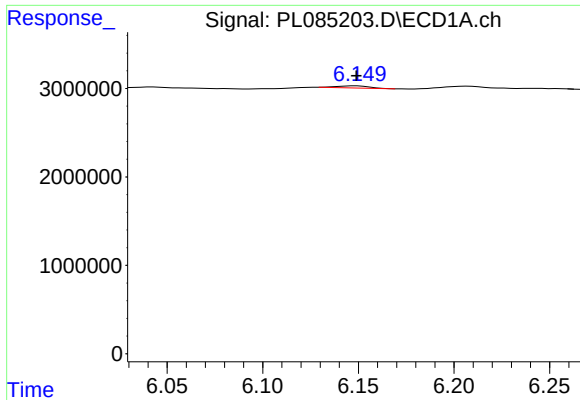
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 16168289
Conc: 11.44 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 7072860
Conc: 10.42 ng/ml



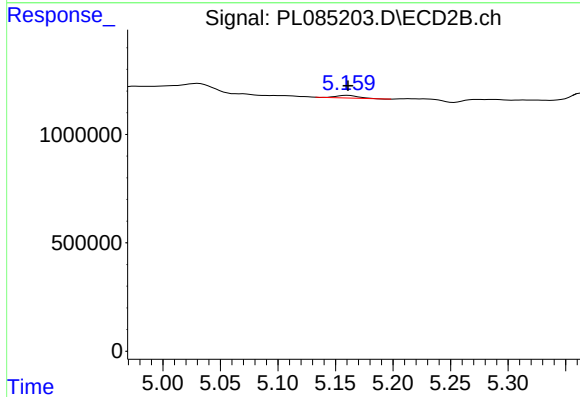
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 278292
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

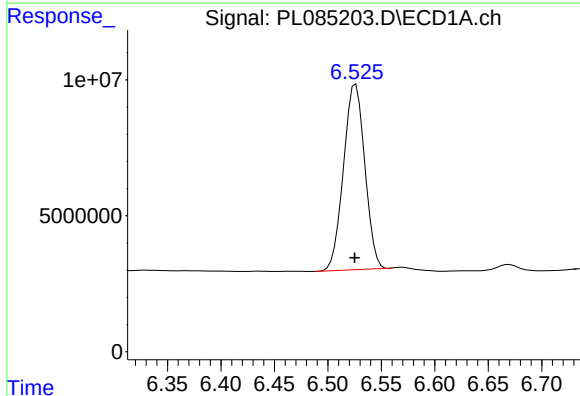
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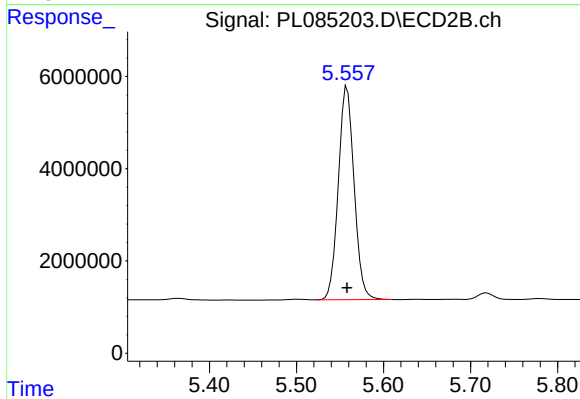
#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 159479
Conc: 0.13 ng/ml



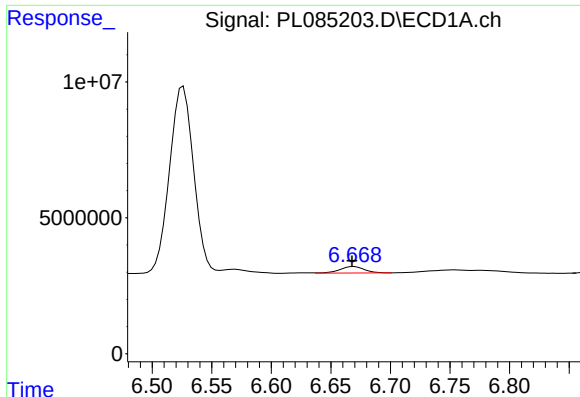
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 94741277
Conc: 45.87 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 58362520
Conc: 45.66 ng/ml



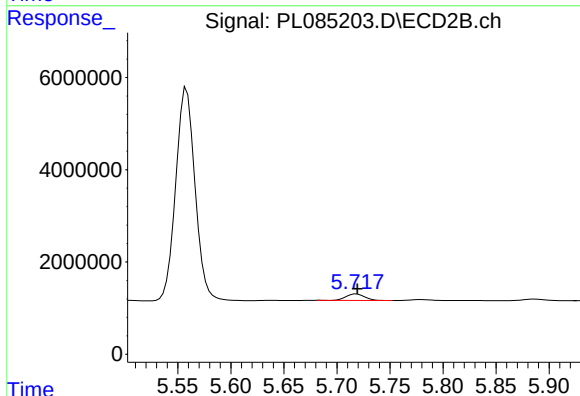
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 3419818
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

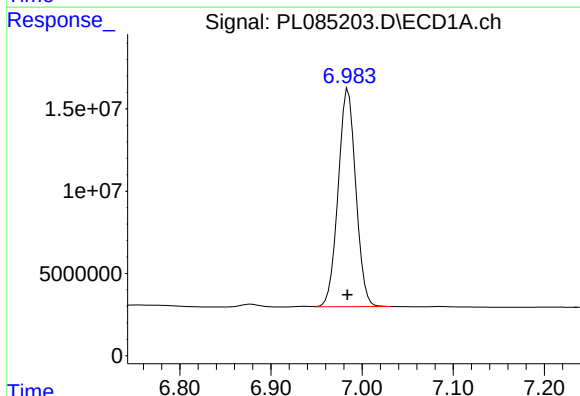
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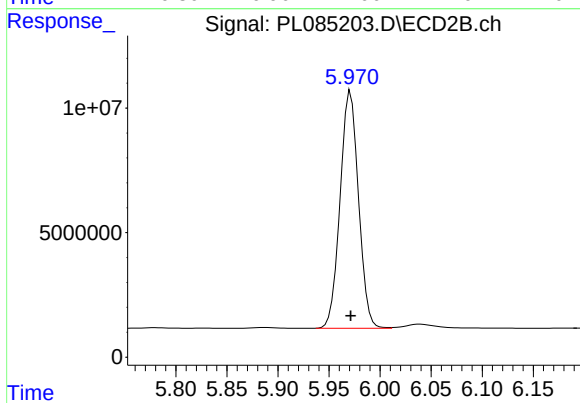
#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1707437
Conc: 1.63 ng/ml



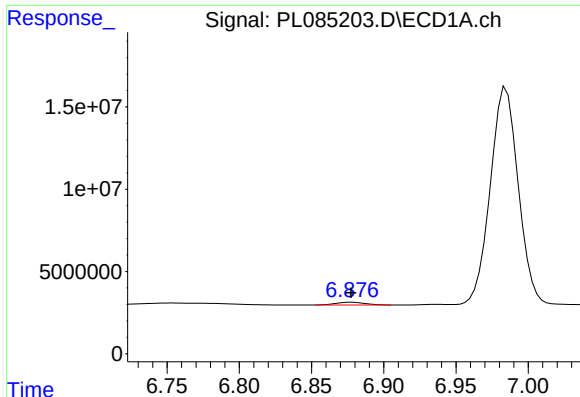
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 178102419
Conc: 105.72 ng/ml



#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 119636955
Conc: 102.62 ng/ml



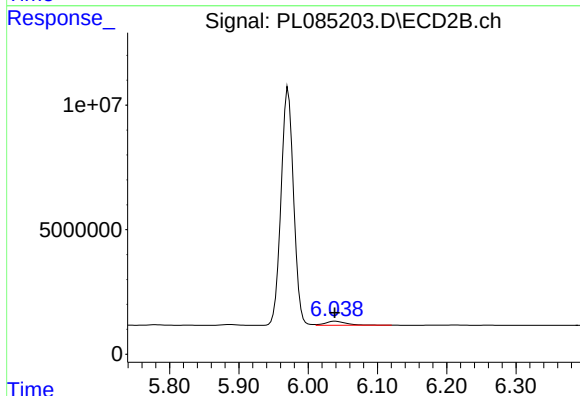
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 2336835
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

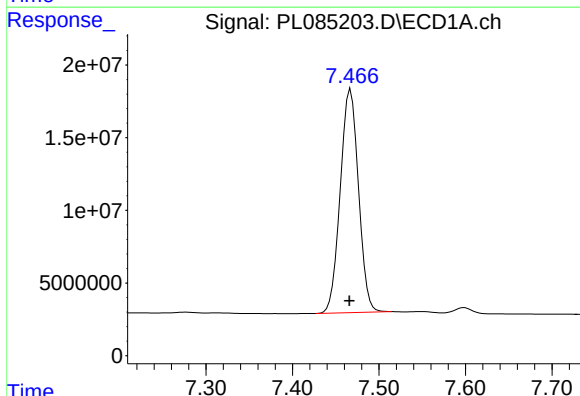
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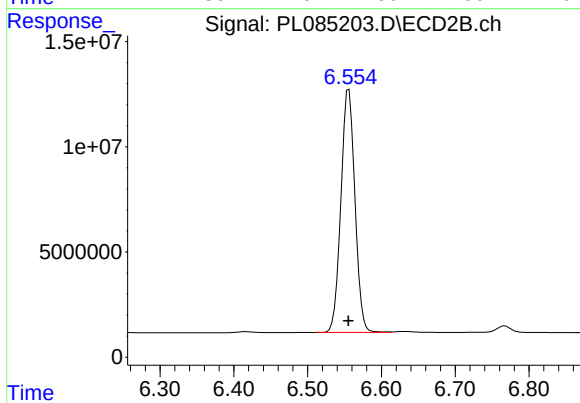
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 3377919
Conc: 3.31 ng/ml



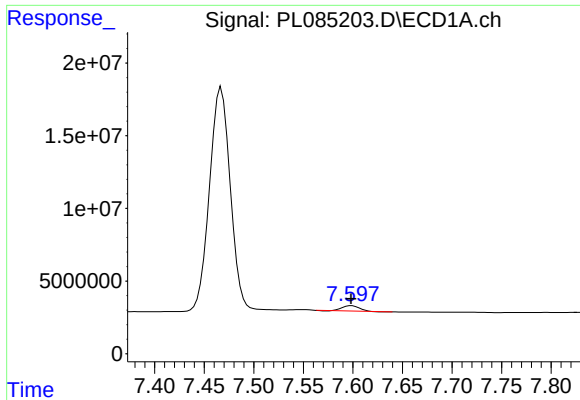
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.002 min
Response: 223967851
Conc: 246.50 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 152748822
Conc: 227.06 ng/ml



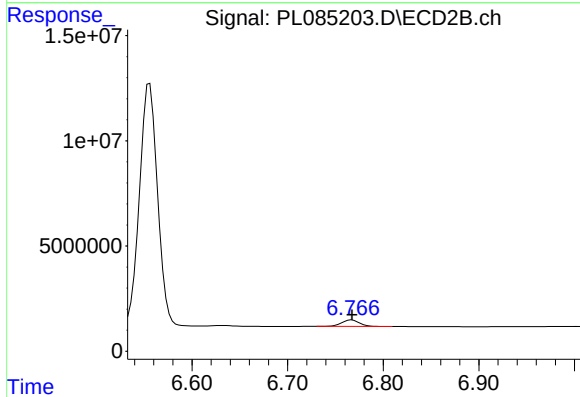
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 4108181
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

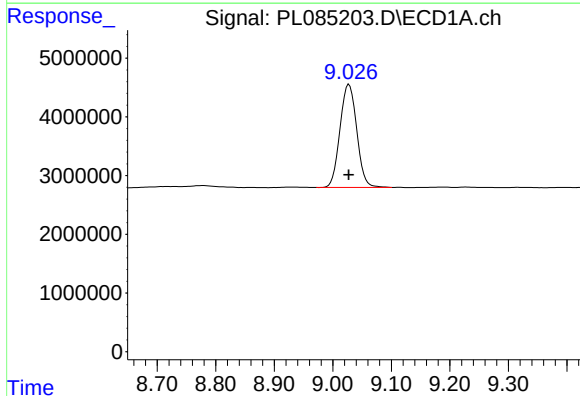
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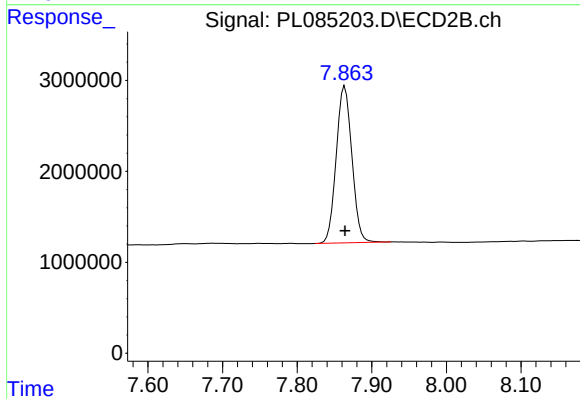
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 3876491
Conc: 2.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.000 min
Response: 34979704
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 25241222
Conc: 18.96 ng/ml