

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
 Data File : PL095203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2025 14:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 17:50:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 17:48:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.767	59927572	78795966	21.845	21.175
28) SA Decachlor...	9.050	7.899	54455736	95860091	22.617	21.791
Target Compounds						
2) A alpha-BHC	3.990	3.269	45745612	57187589	11.382	10.327
3) MA gamma-BHC...	4.323	3.598	44350744	53628267	11.533	10.189
6) B beta-BHC	4.523	3.899	22424949	25913977	12.790	11.184
14) MA Endrin	6.570	5.626	131.2E6	215.2E6	50.326	51.513
16) A 4,4'-DDD	6.705	5.774	5325456	7585160	2.097m	1.950
17) MA 4,4'-DDT	7.021	6.024	258.4E6	457.5E6	101.530	109.829
18) B Endrin al...	6.921	6.100	5549837	8950320	2.521	2.656
20) A Methoxychlor	7.498	6.598	319.0E6	566.8E6	238.192	252.394m
21) B Endrin ke...	7.640	6.828	9533301	16746408	3.303	3.321

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

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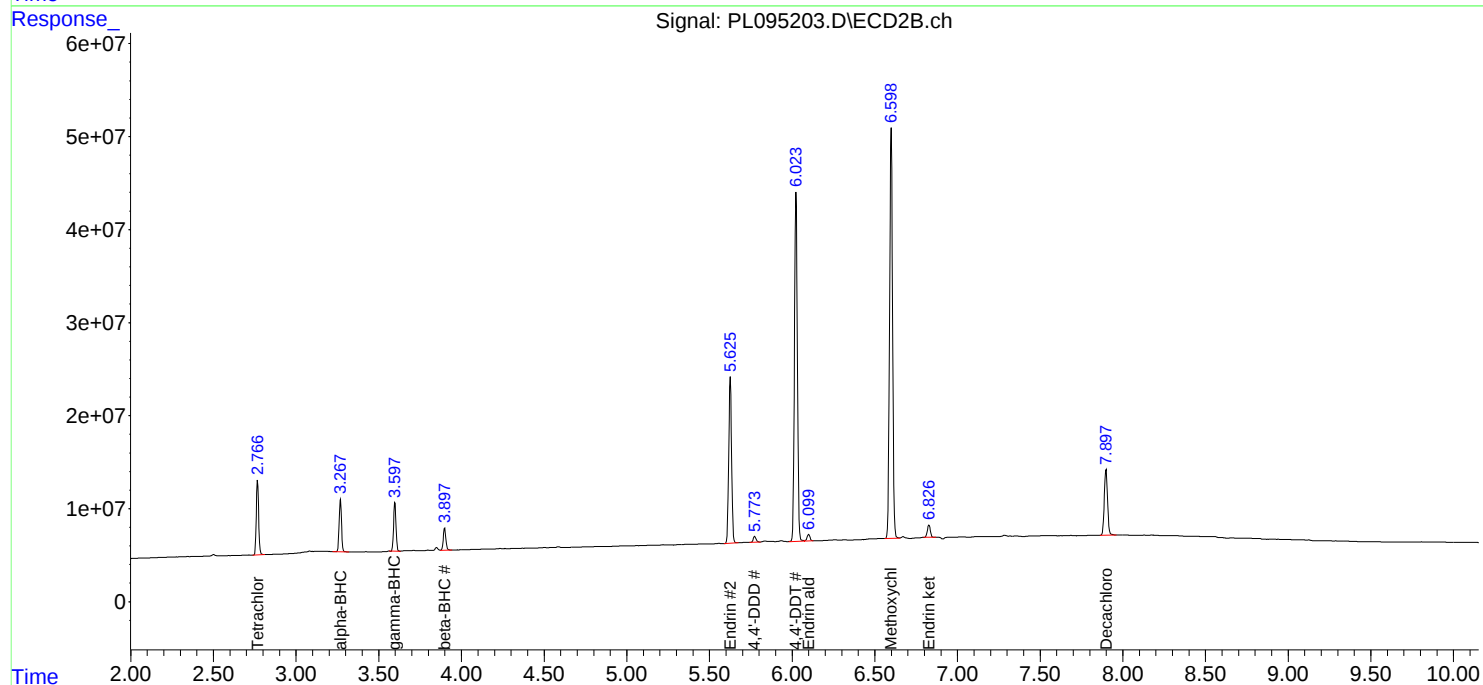
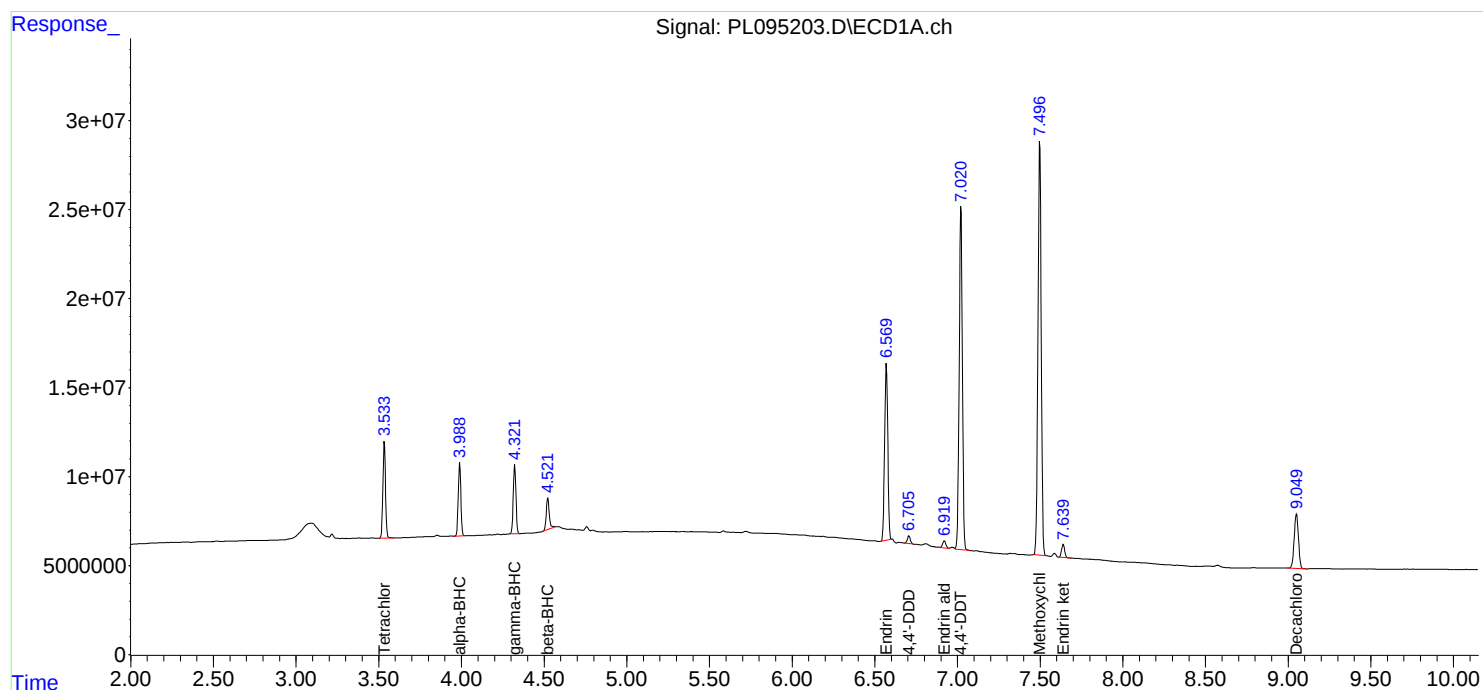
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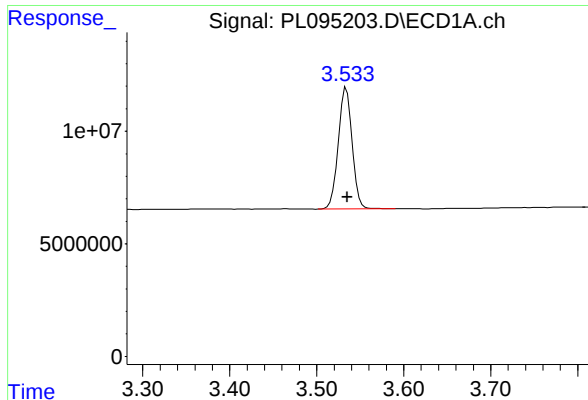
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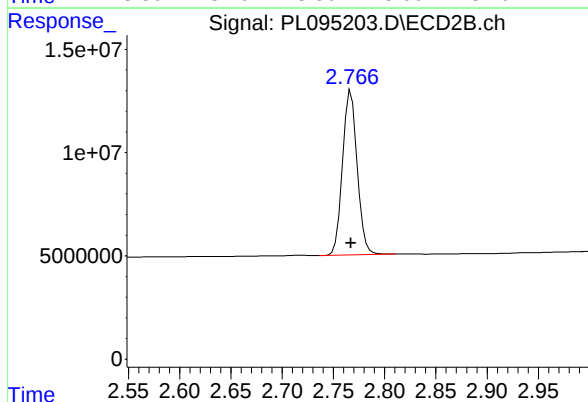
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 59927572
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

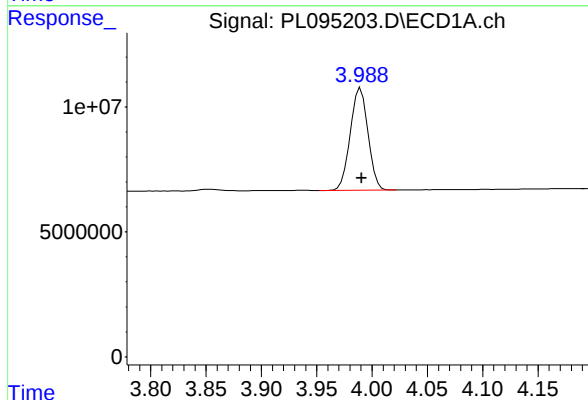
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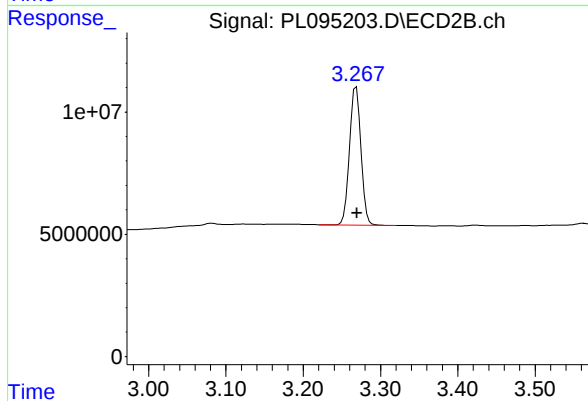
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 78795966
Conc: 21.17 ng/ml



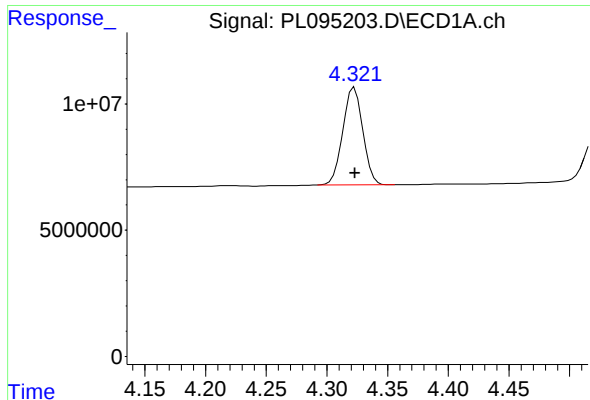
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 45745612
Conc: 11.38 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 57187589
Conc: 10.33 ng/ml



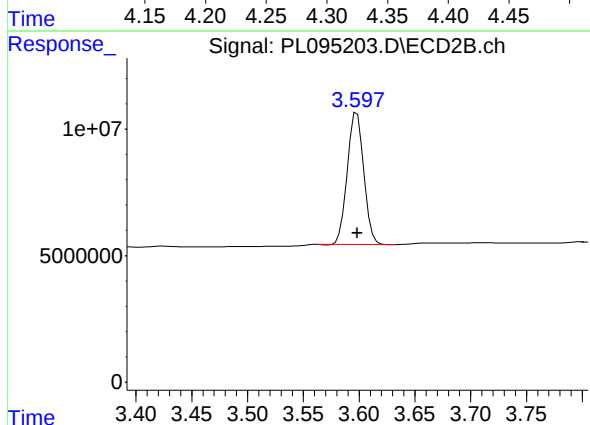
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 44350744
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

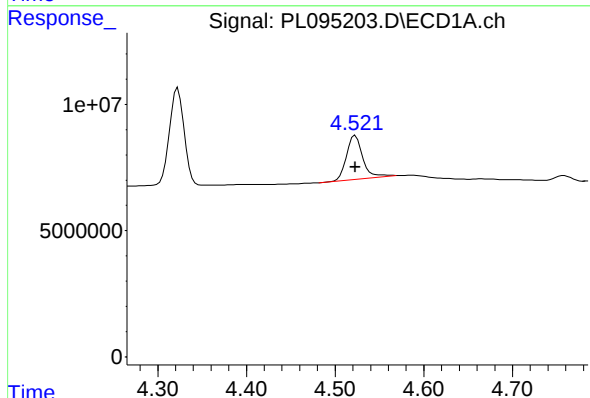
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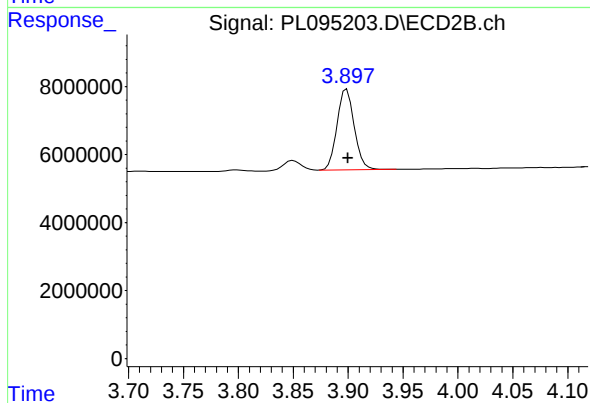
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 53628267
Conc: 10.19 ng/ml



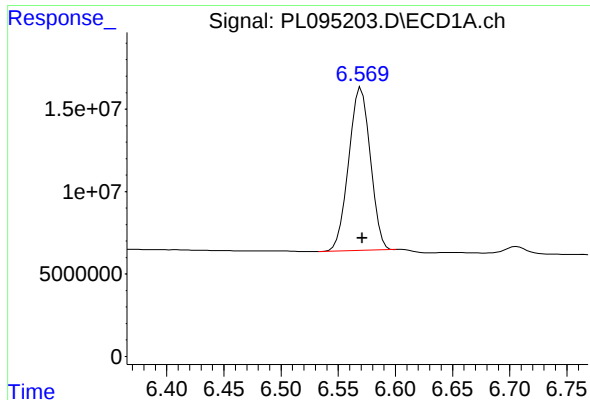
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 22424949
Conc: 12.79 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 25913977
Conc: 11.18 ng/ml



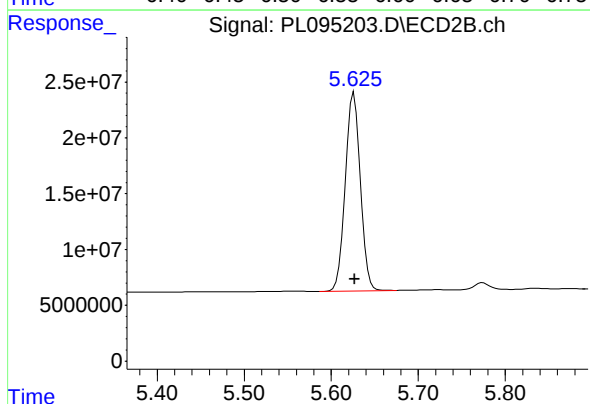
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 131156712
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

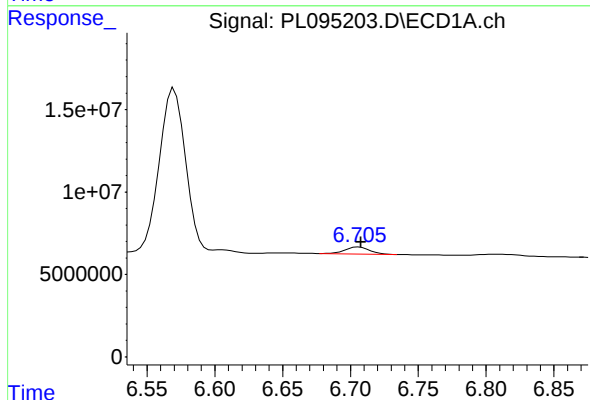
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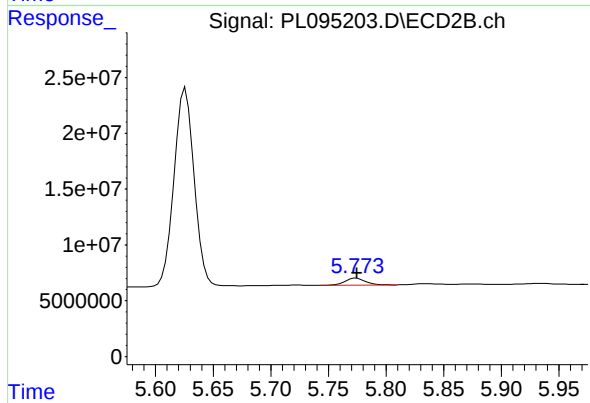
#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 215191368
Conc: 51.51 ng/ml



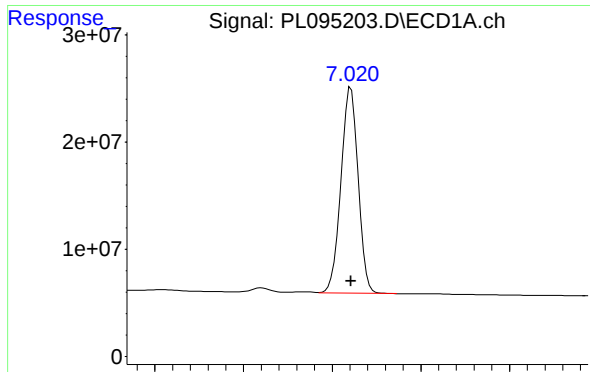
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.003 min
Response: 5325456
Conc: 2.10 ng/ml m



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 7585160
Conc: 1.95 ng/ml



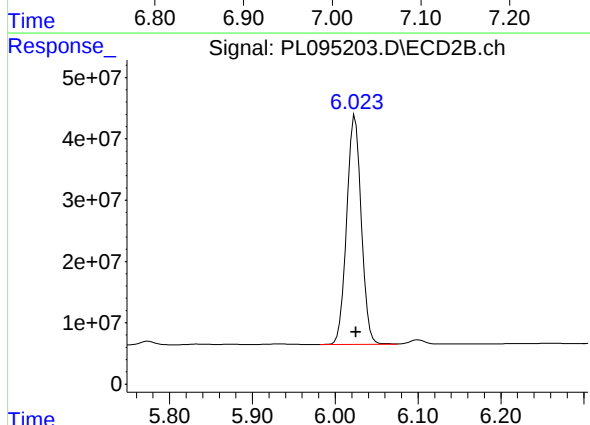
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 258448536
Conc: 101.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

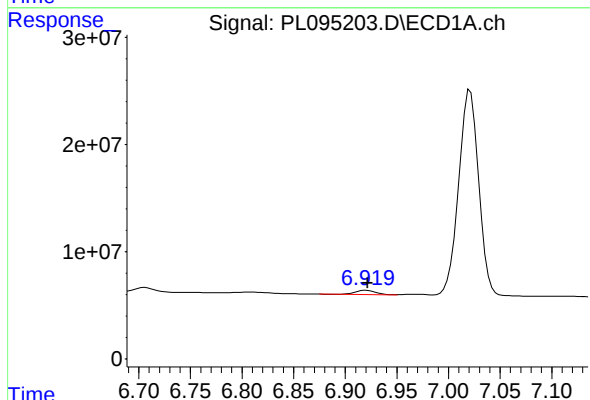
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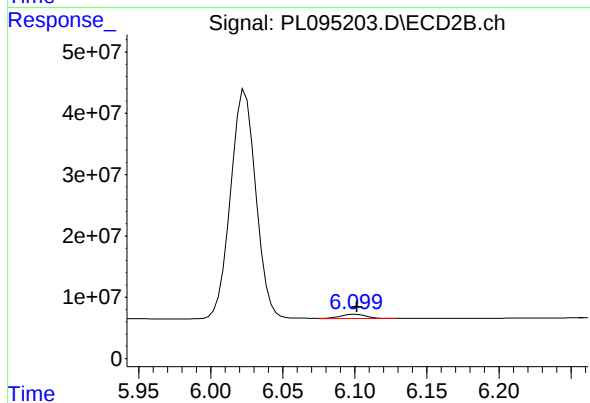
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 457544796
Conc: 109.83 ng/ml



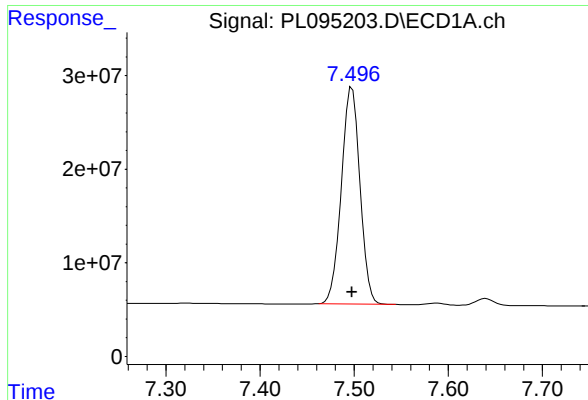
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 5549837
Conc: 2.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 8950320
Conc: 2.66 ng/ml



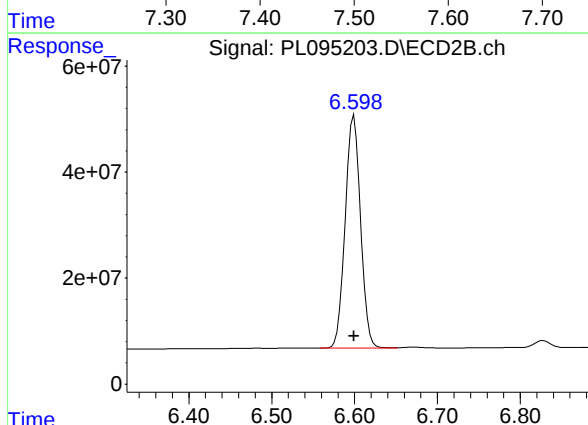
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 319043727
Conc: 238.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

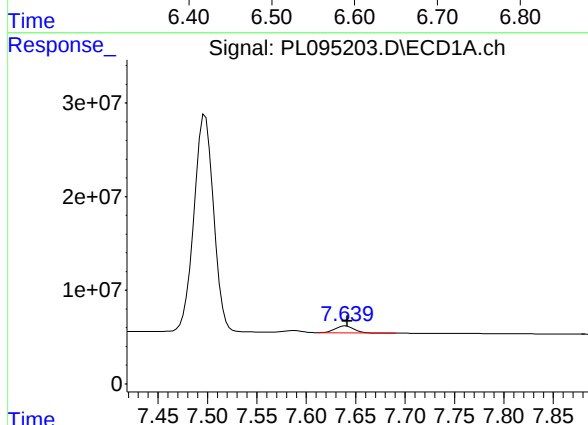
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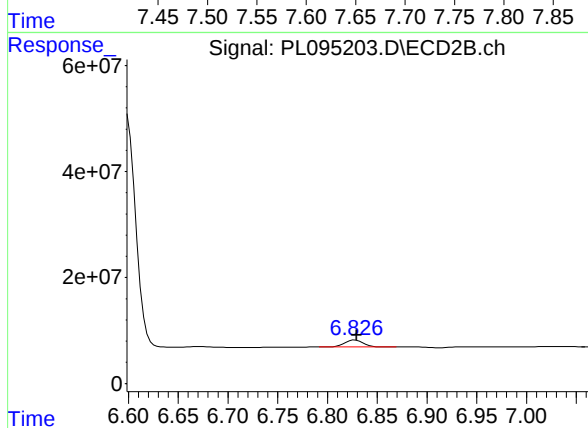
#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 566799776
Conc: 252.39 ng/ml



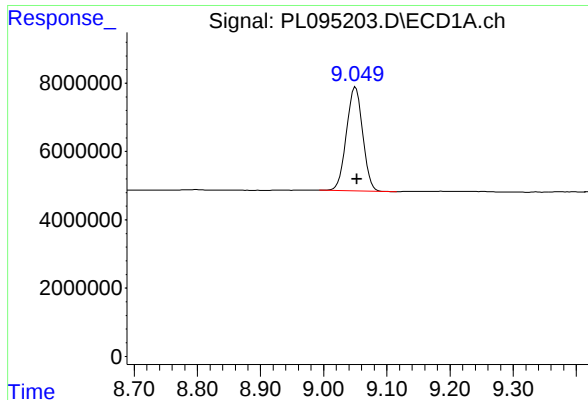
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 9533301
Conc: 3.30 ng/ml



#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 16746408
Conc: 3.32 ng/ml



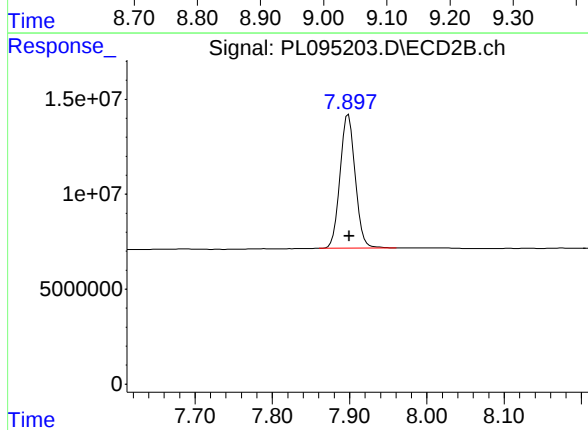
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.002 min
Response: 54455736
Conc: 22.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 95860091
Conc: 21.79 ng/ml