

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 11:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2023
 Supervised By : Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 23:46:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.424	2.680	57774367	23272904	15.351	13.826
28)	SA Decachlor...	8.986	7.873	53737587	25392822	15.759	15.035
Target Compounds							
2)	A alpha-BHC	3.880	3.183	39124027	15808768	7.226	6.433m
3)	MA gamma-BHC...	4.215	3.514	38063117	15238956	7.242	6.291m
6)	B beta-BHC	4.414	3.817	19131956	7894242	8.330	7.583
12)	B 4,4'-DDE	0.000	5.163	0	124504	N.D.	0.063 #
14)	MA Endrin	6.476	5.562	128.9E6	63274442	33.513	31.706
16)	A 4,4'-DDD	6.620	5.722	1691670	601953	0.512m	0.364 #
17)	MA 4,4'-DDT	6.939	5.975	266.4E6	128.3E6	70.840	69.587
18)	B Endrin al...	6.828	6.043	3011629	3108887	1.039m	2.118m#
20)	A Methoxychlor	7.425	6.562	348.5E6	167.2E6	178.731	163.663
21)	B Endrin ke...	7.550	6.773	6195515	3218377	1.523m	1.512

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

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ALS Vial : 3 Sample Multiplier: 1

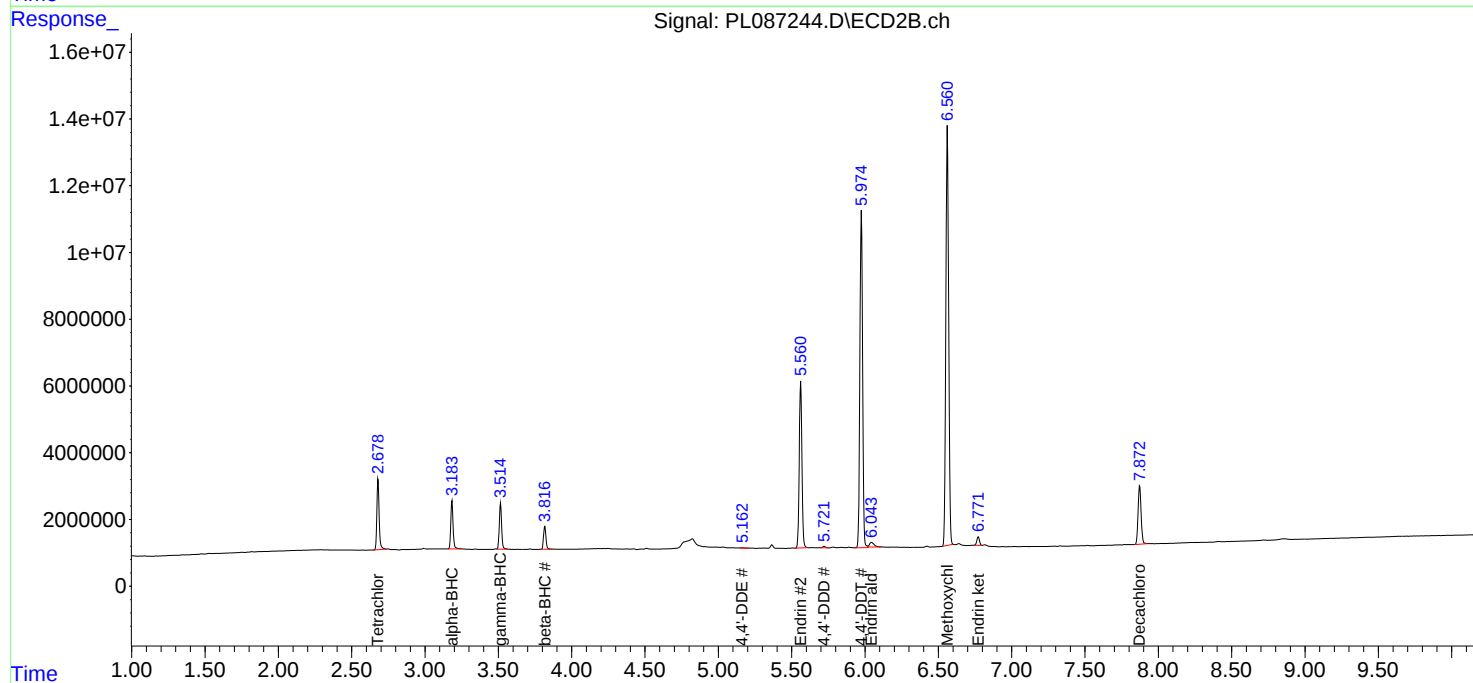
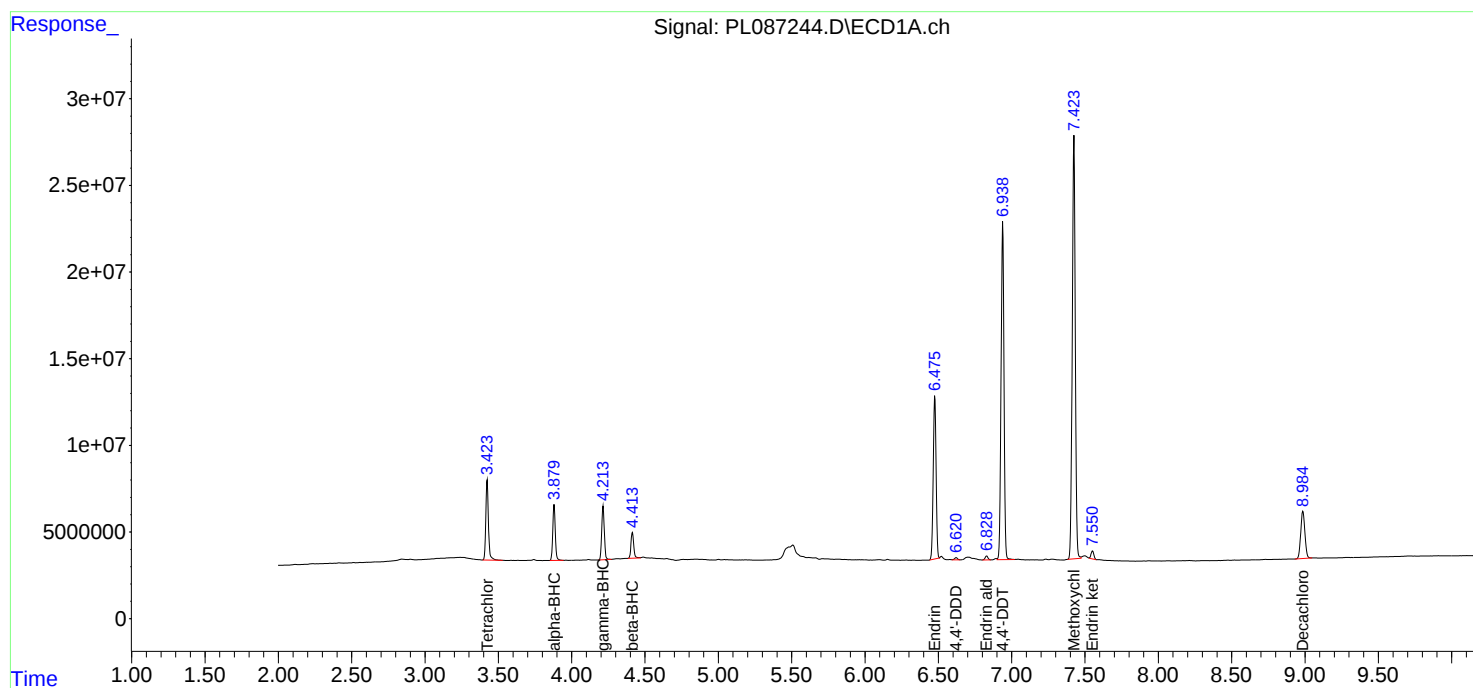
Instrument :
ECD_L
ClientSampleId :
PEM

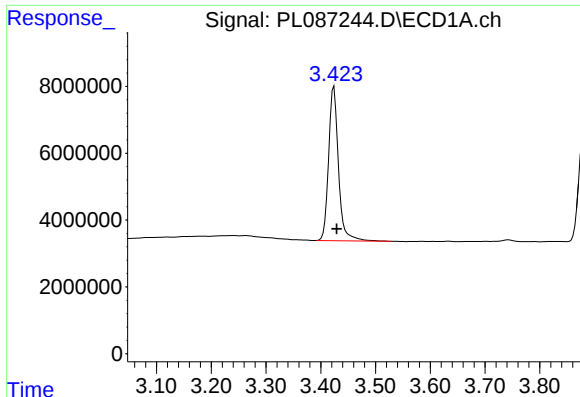
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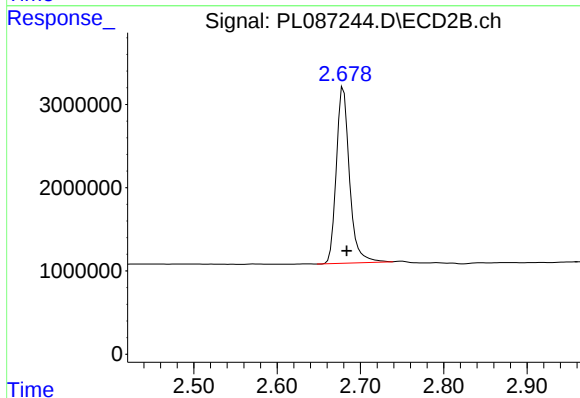
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: -0.005 min
Response: 57774367
Conc: 15.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

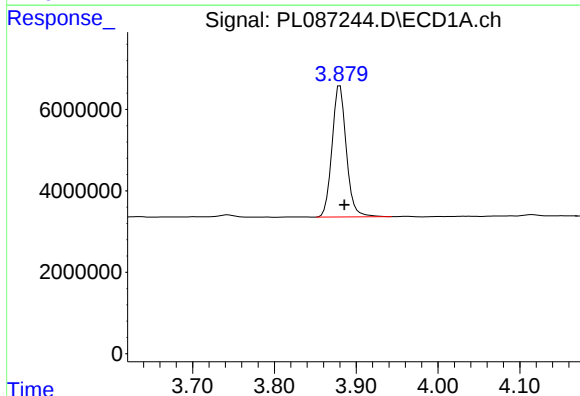
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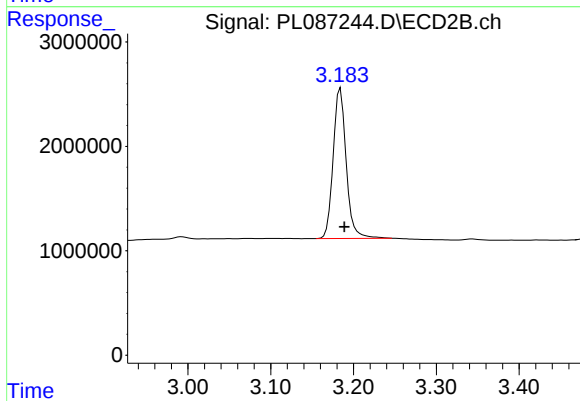
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.004 min
Response: 23272904
Conc: 13.83 ng/ml



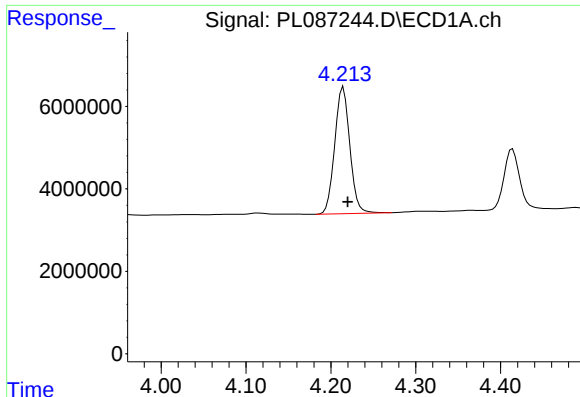
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.005 min
Response: 39124027
Conc: 7.23 ng/ml



#2 alpha-BHC

R.T.: 3.183 min
Delta R.T.: -0.006 min
Response: 15808768
Conc: 6.43 ng/ml m



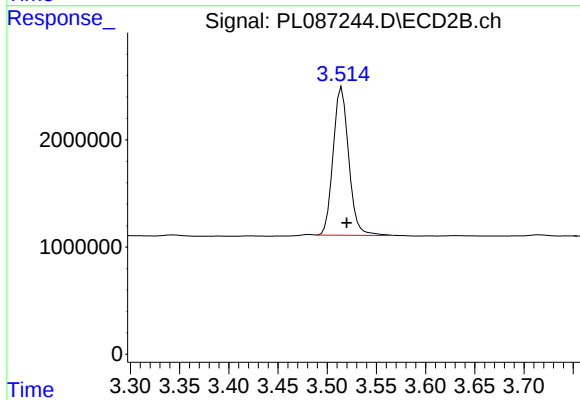
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.005 min
Response: 38063117
Conc: 7.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

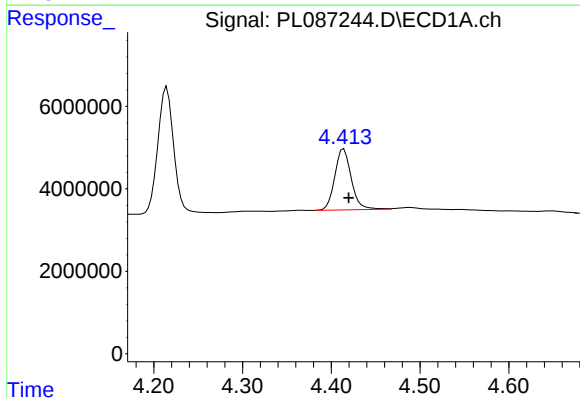
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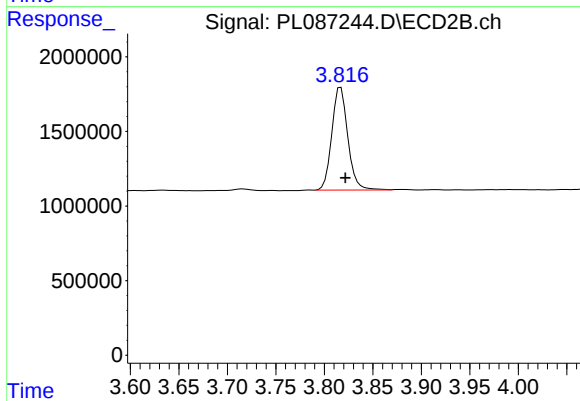
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 15238956
Conc: 6.29 ng/ml m



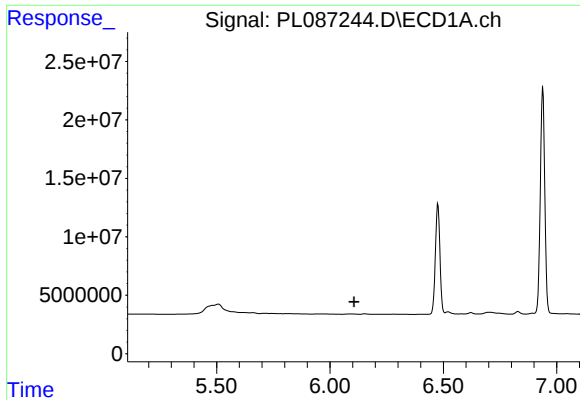
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: -0.005 min
Response: 19131956
Conc: 8.33 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.005 min
Response: 7894242
Conc: 7.58 ng/ml



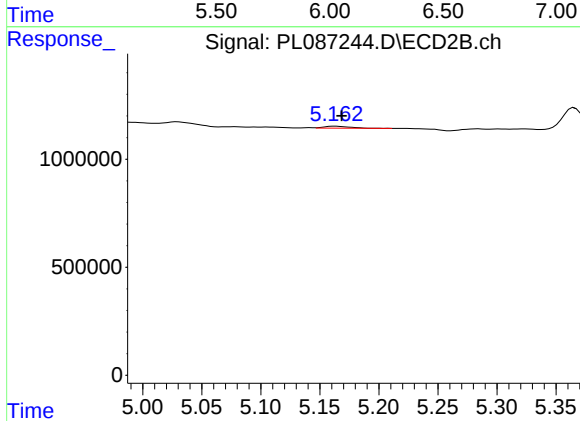
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM

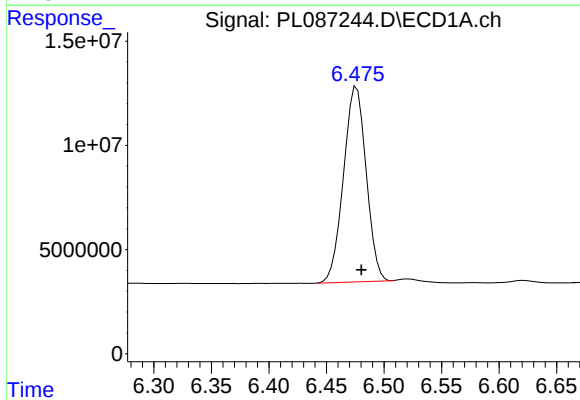
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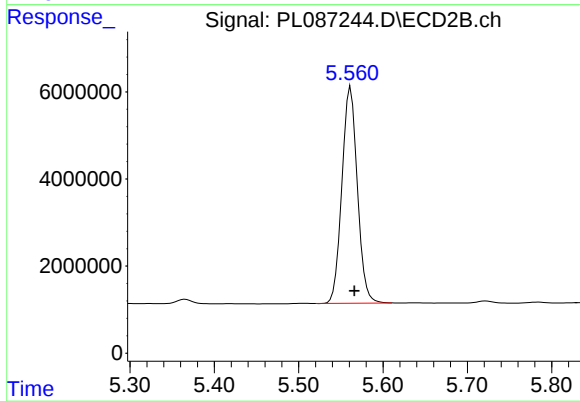
#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.006 min
Response: 124504
Conc: 0.06 ng/ml



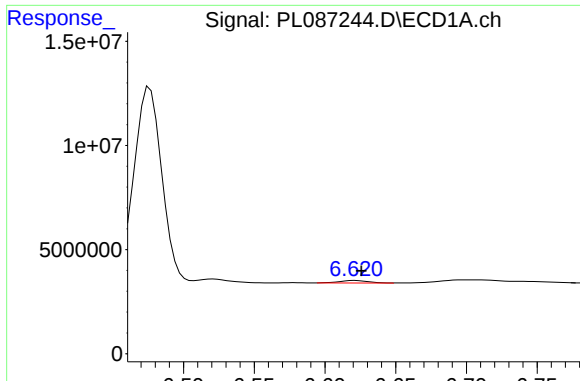
#14 Endrin

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 128938529
Conc: 33.51 ng/ml



#14 Endrin

R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 63274442
Conc: 31.71 ng/ml



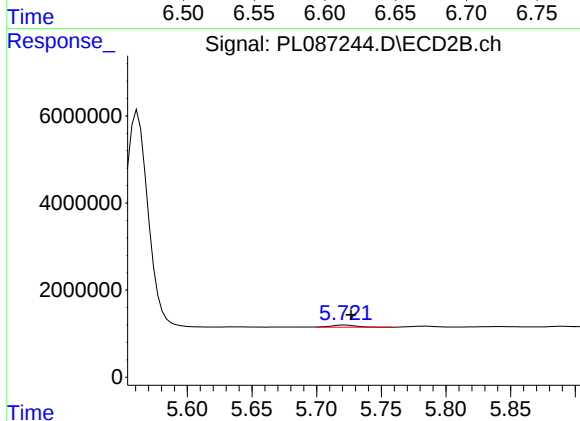
#16 4,4'-DDD

R.T.: 6.620 min
Delta R.T.: -0.006 min
Response: 1691670
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

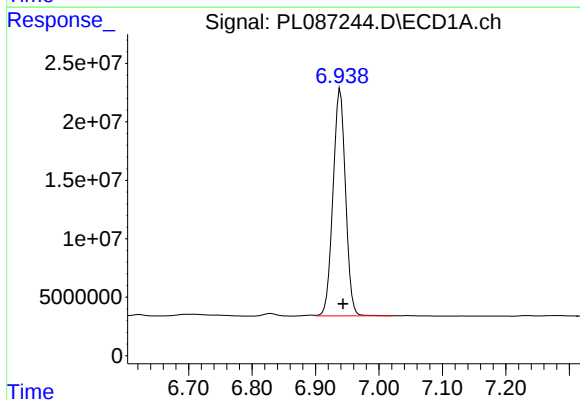
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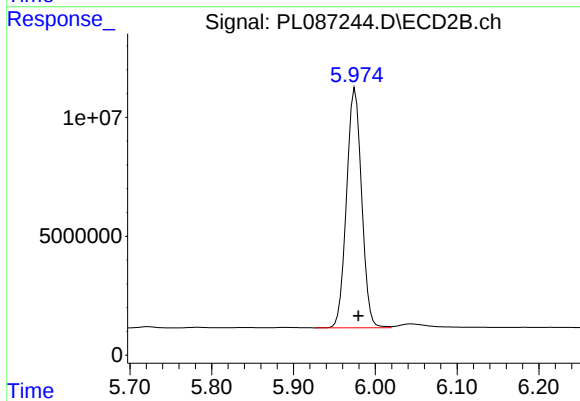
#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.005 min
Response: 601953
Conc: 0.36 ng/ml



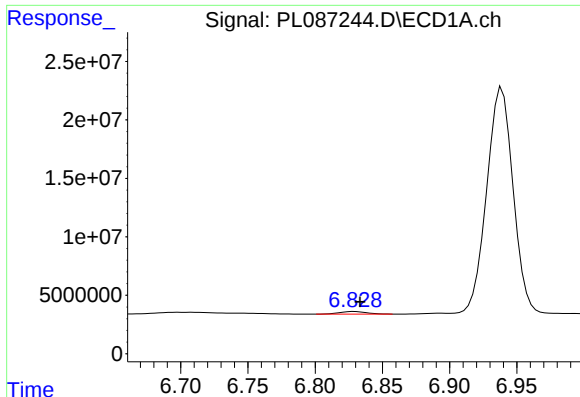
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 266373994
Conc: 70.84 ng/ml



#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 128342053
Conc: 69.59 ng/ml



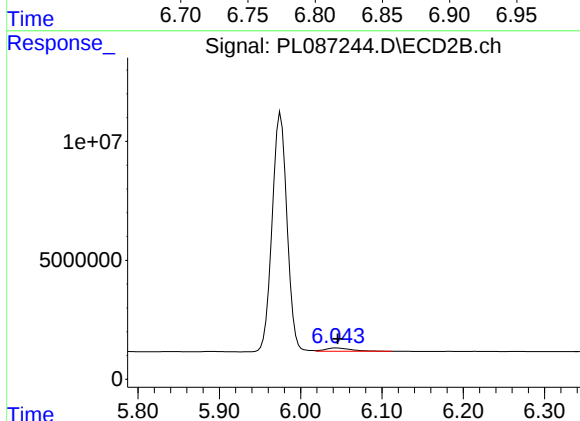
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: -0.006 min
Response: 3011629
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

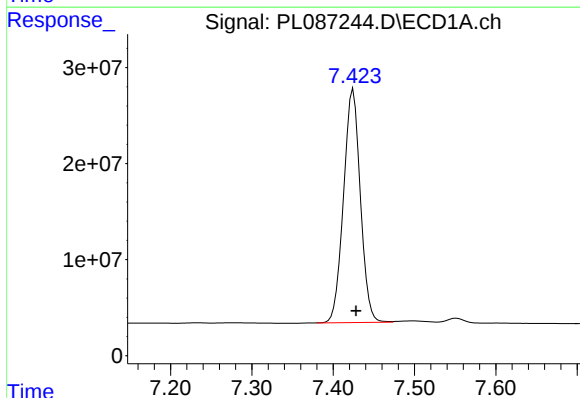
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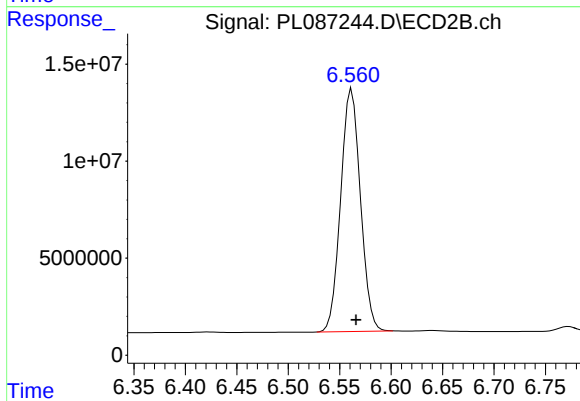
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 3108887
Conc: 2.12 ng/ml m



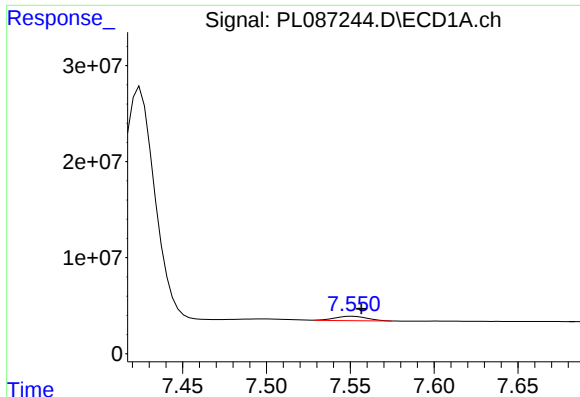
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 348511635
Conc: 178.73 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 167164453
Conc: 163.66 ng/ml



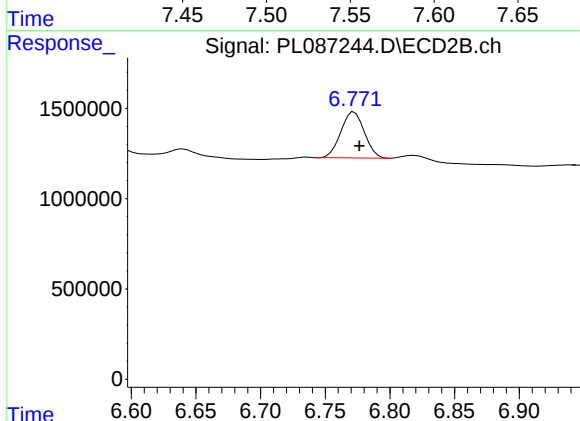
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: -0.006 min
Response: 6195515
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

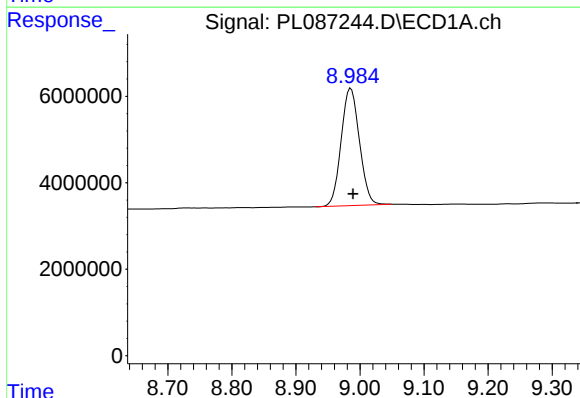
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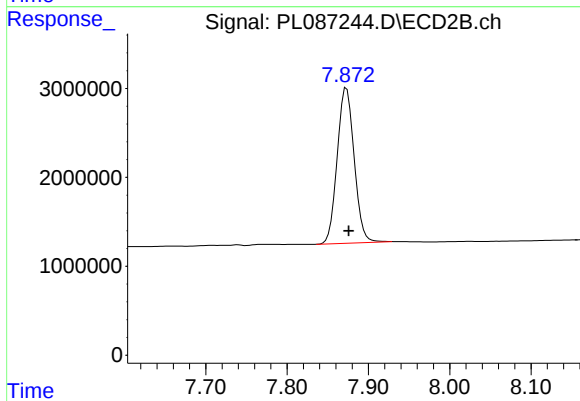
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.004 min
Response: 3218377
Conc: 1.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: -0.003 min
Response: 53737587
Conc: 15.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: -0.003 min
Response: 25392822
Conc: 15.03 ng/ml