

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
 Data File : PL096056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 12:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:12:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 15:11:01 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...	3.571	2.882	73248524	95725998	20.129	20.183
28)	SA Decachlor...	9.113	8.065	62510820	129.8E6	21.830	21.537
Target Compounds							
2)	A alpha-BHC	4.021	3.391	55295166	69257096	9.762	9.625
3)	MA gamma-BHC...	4.353	3.725	53148878	67214167	10.044	9.809
6)	B beta-BHC	4.541	4.020	23539947	30463321	10.440	10.055
14)	MA Endrin	6.599	5.778	195.7E6	312.2E6	51.479	52.603
16)	A 4,4'-DDD	6.729	5.923	870316	1357786	0.250m	0.247m
17)	MA 4,4'-DDT	7.048	6.177	348.9E6	642.2E6	99.916	107.036
18)	B Endrin al...	6.939	6.249	457710	3135529	0.161m	0.699m#
20)	A Methoxychlor	7.523	6.749	413.8E6	750.7E6	232.382	228.825
21)	B Endrin ke...	7.656	6.977	1819558	3232486	0.467m	0.487m

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

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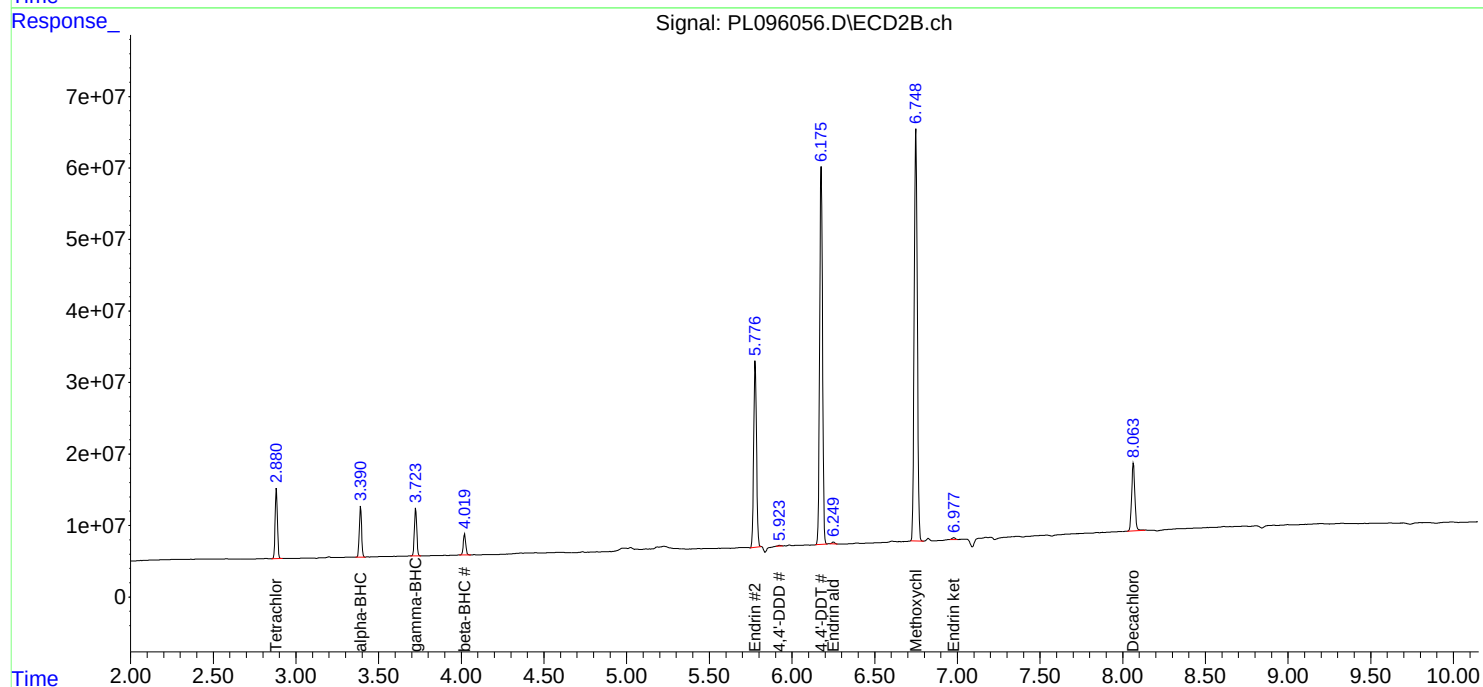
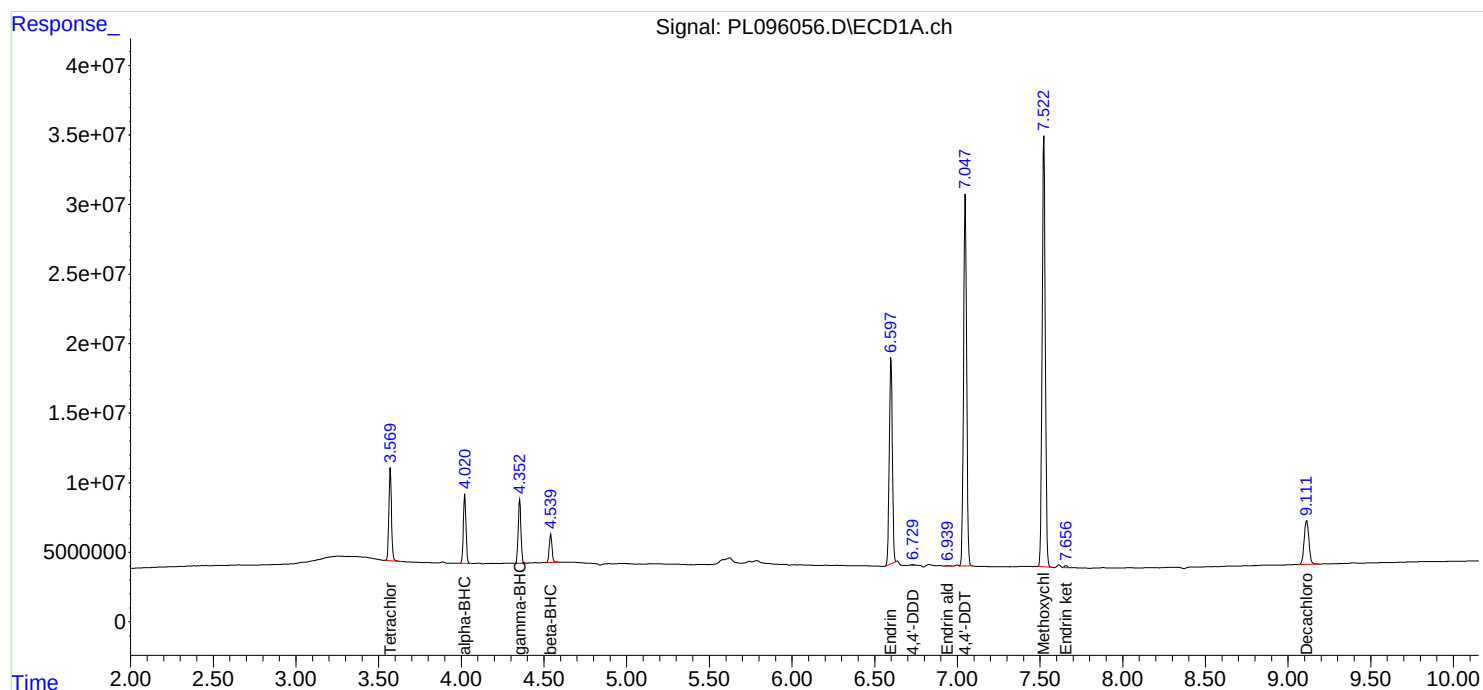
Instrument :
ECD_L
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PEM

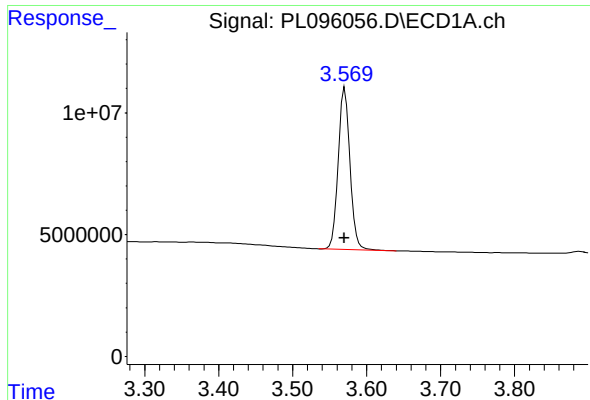
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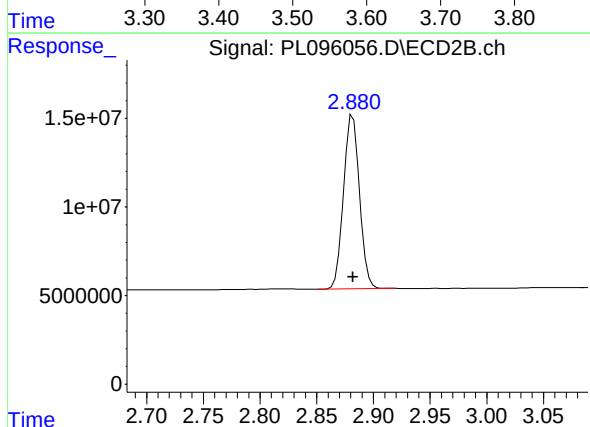
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 73248524
Conc: 20.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

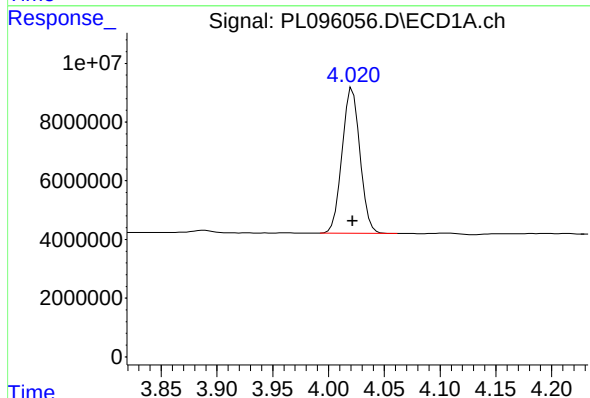
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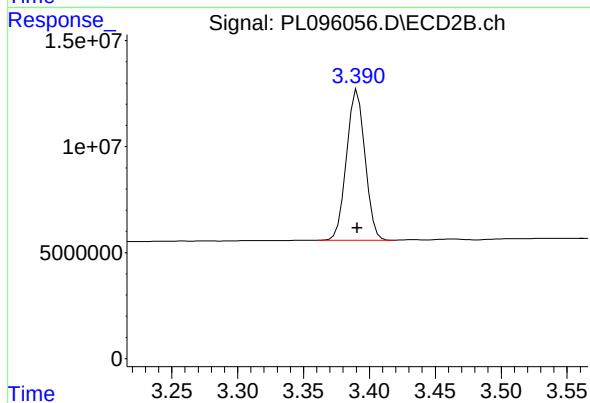
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 95725998
Conc: 20.18 ng/ml



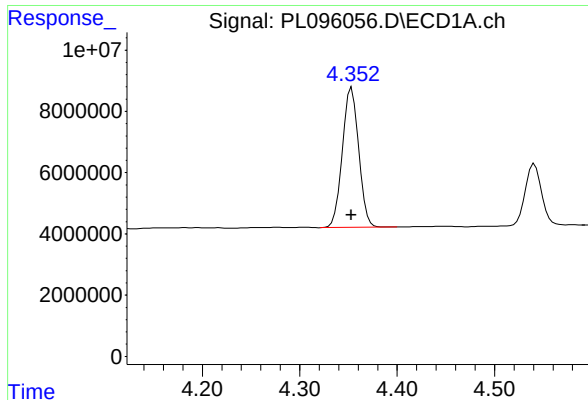
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 55295166
Conc: 9.76 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 69257096
Conc: 9.63 ng/ml



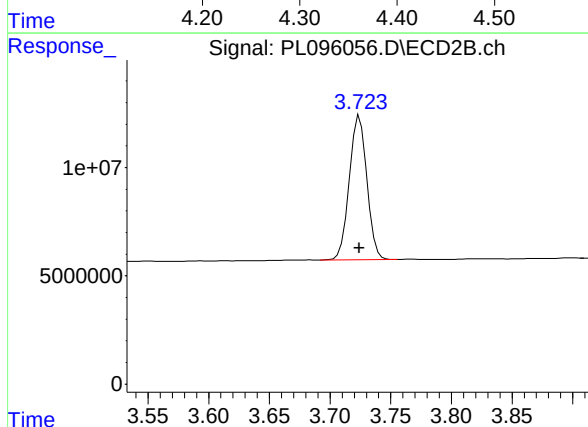
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 53148878
Conc: 10.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

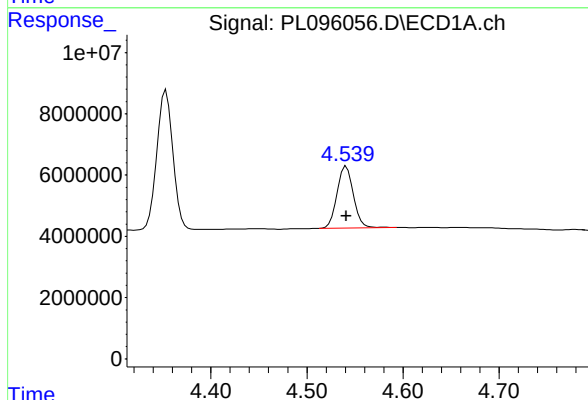
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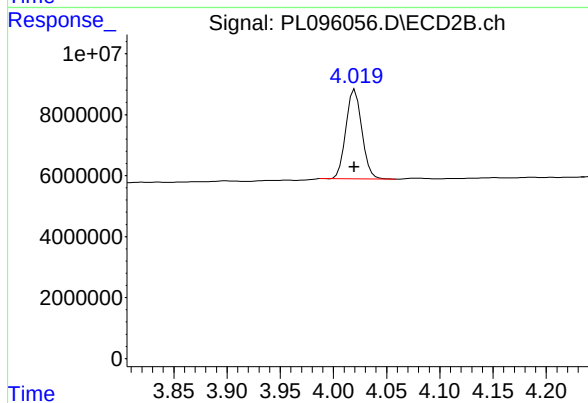
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 67214167
Conc: 9.81 ng/ml



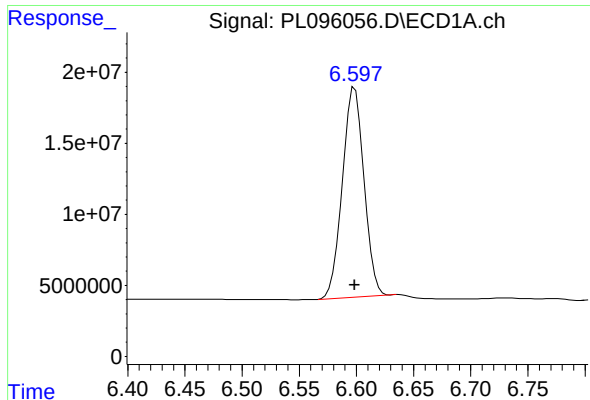
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 23539947
Conc: 10.44 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 30463321
Conc: 10.05 ng/ml



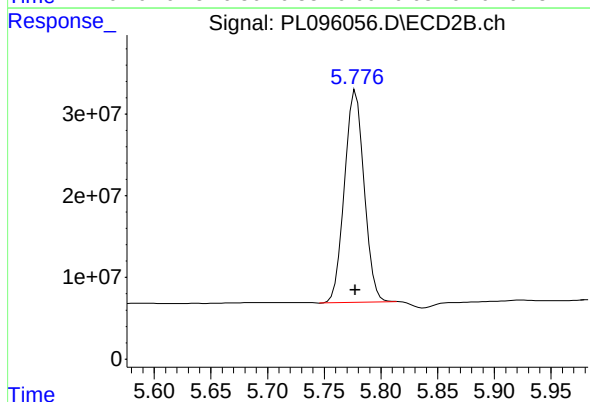
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 195670256
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

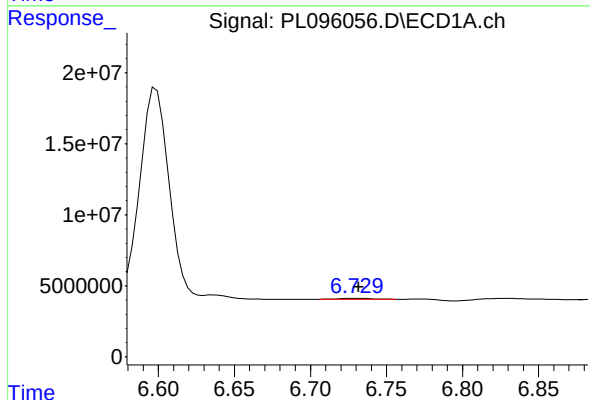
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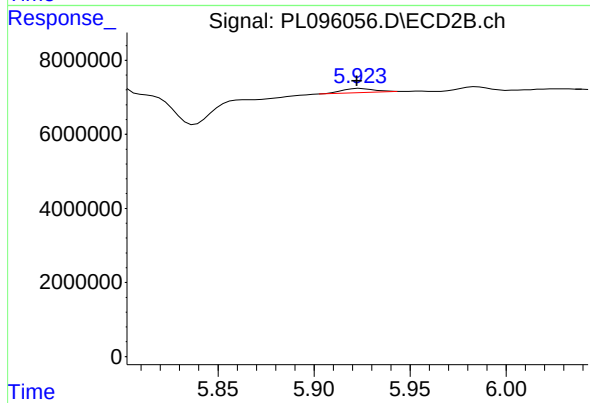
#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 312210436
Conc: 52.60 ng/ml



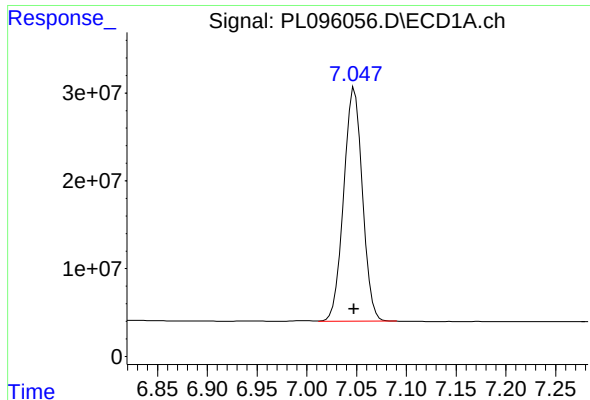
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 870316
Conc: 0.25 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1357786
Conc: 0.25 ng/ml m



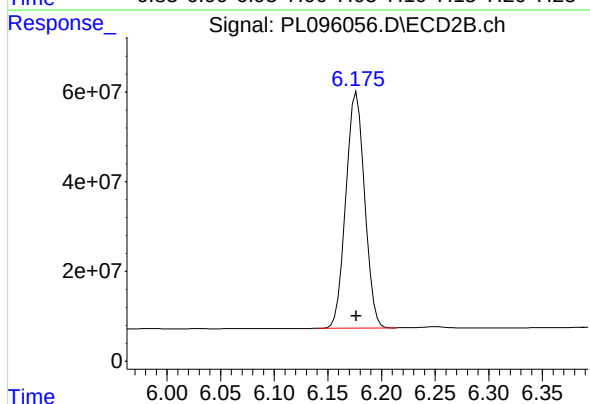
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 348931044
Conc: 99.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

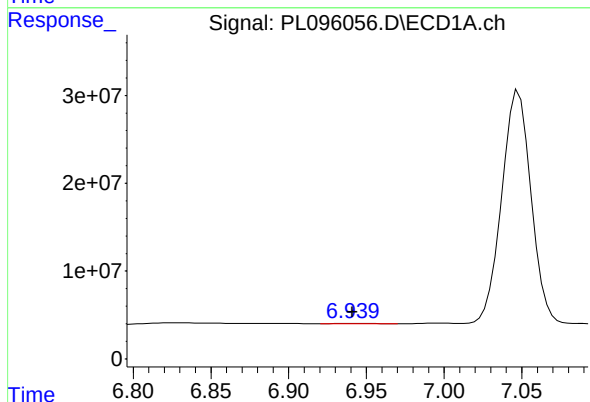
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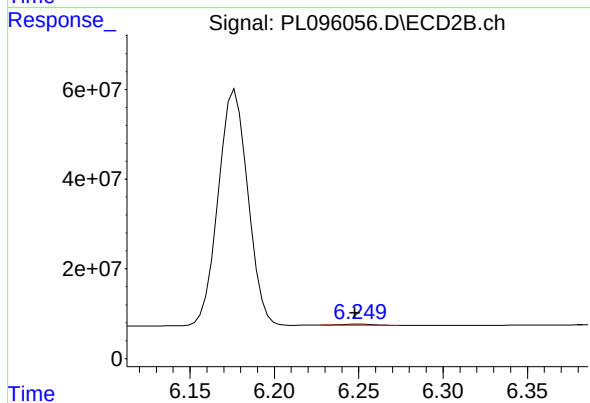
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 642224070
Conc: 107.04 ng/ml



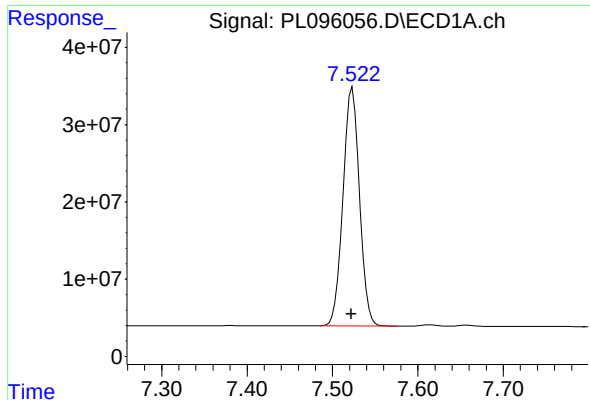
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 457710
Conc: 0.16 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.001 min
Response: 3135529
Conc: 0.70 ng/ml m



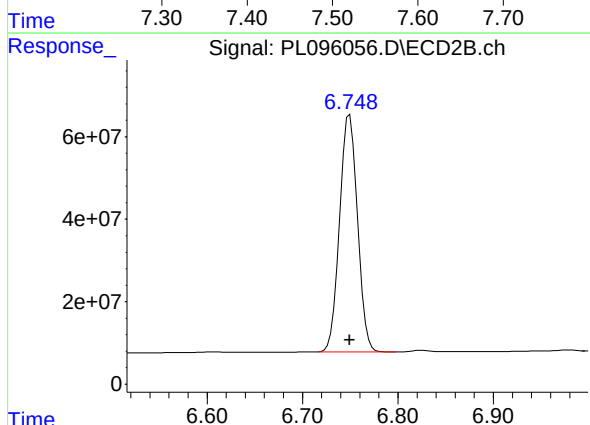
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.001 min
Response: 413759291
Conc: 232.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

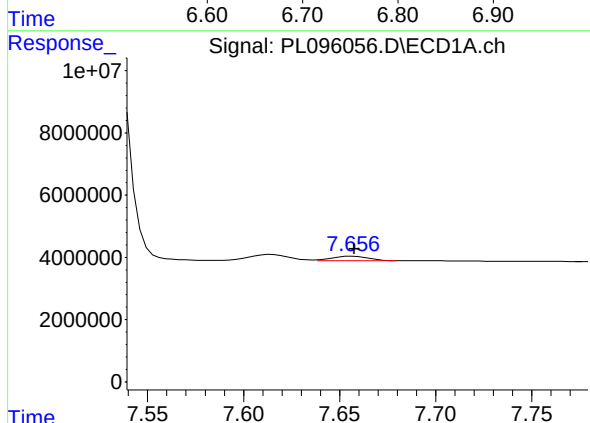
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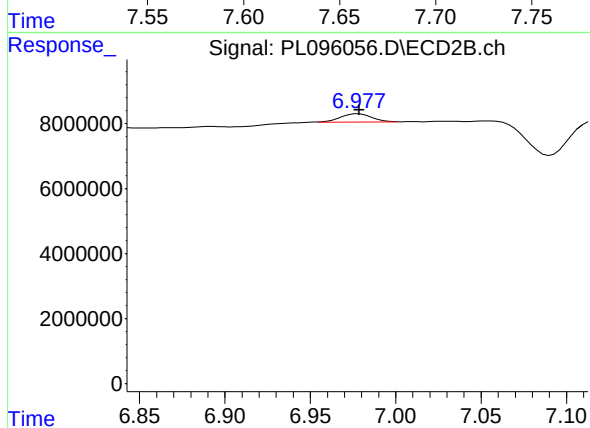
#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 750661223
Conc: 228.82 ng/ml



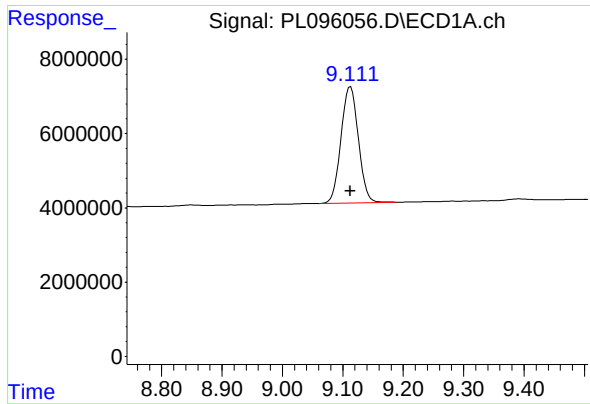
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.002 min
Response: 1819558
Conc: 0.47 ng/ml m



#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 3232486
Conc: 0.49 ng/ml m



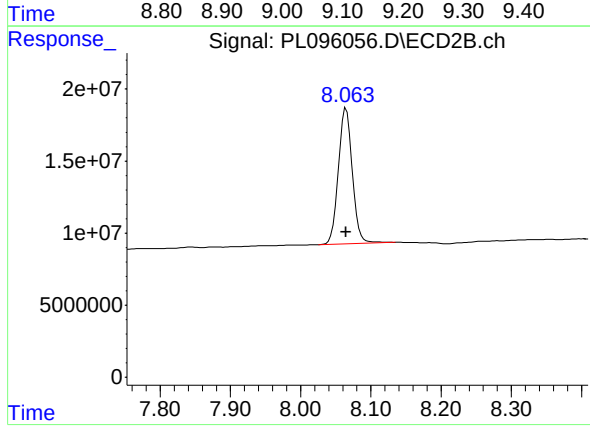
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 62510820
Conc: 21.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 129816194
Conc: 21.54 ng/ml