

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 14:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:15:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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...	3.524	2.822	82217231	120.6E6	20.093	20.028
28)	SA Decachlor...	8.994	7.979	76981066	128.0E6	25.875	23.956
Target Compounds							
2)	A alpha-BHC	3.970	3.326	59470171	85626215	8.753	8.801
3)	MA gamma-BHC...	4.298	3.657	57910023	81770206	9.064	9.026
6)	B beta-BHC	4.486	3.954	24649814	36686694	9.458	9.285
14)	MA Endrin	6.527	5.698	207.1E6	333.4E6	46.233	47.647
16)	A 4,4'-DDD	6.661	5.847	1043004	2597700	0.292m	0.405m#
17)	MA 4,4'-DDT	6.974	6.097	379.4E6	673.0E6	94.094	97.838
18)	B Endrin al...	6.872	6.170	1253587	11742942	0.381m	2.040 #
20)	A Methoxychlor	7.447	6.669	457.4E6	776.1E6	224.127	208.893
21)	B Endrin ke...	7.580	6.893	1965201	5134291	0.472m	0.690m#

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

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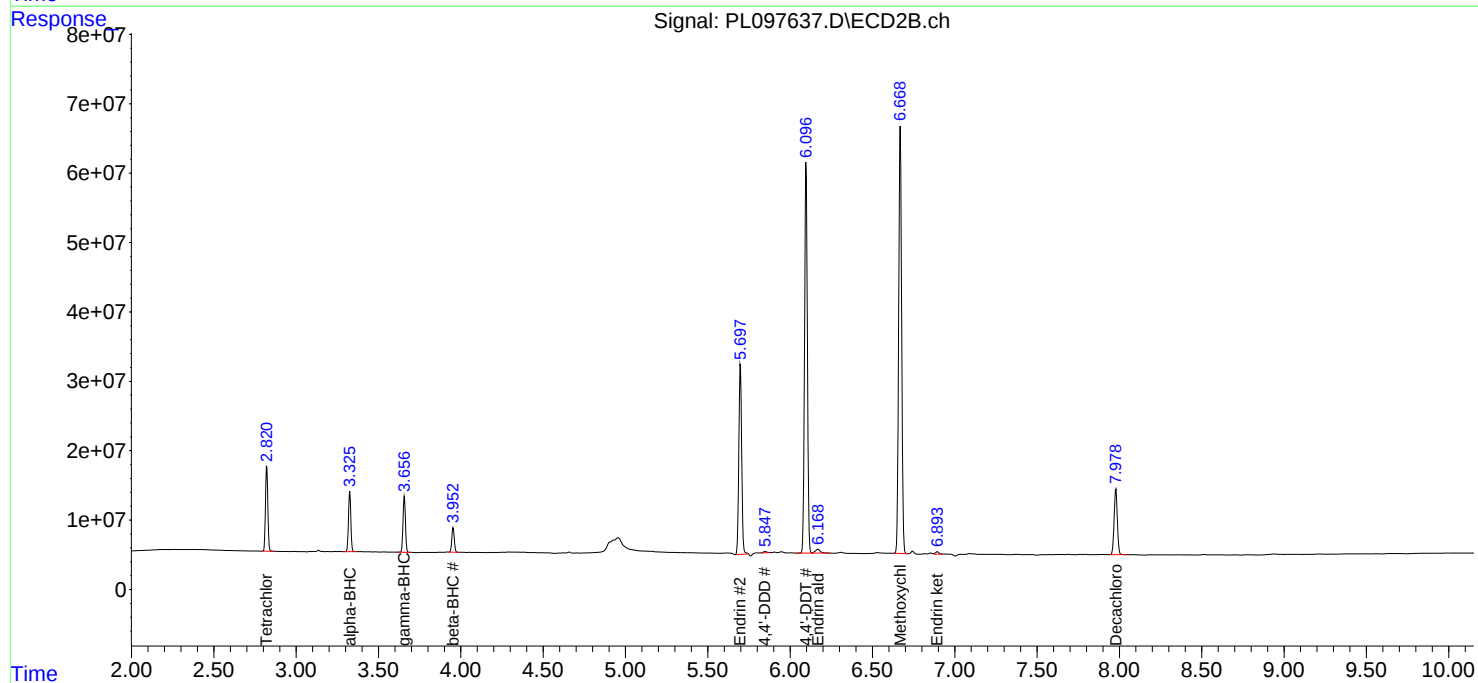
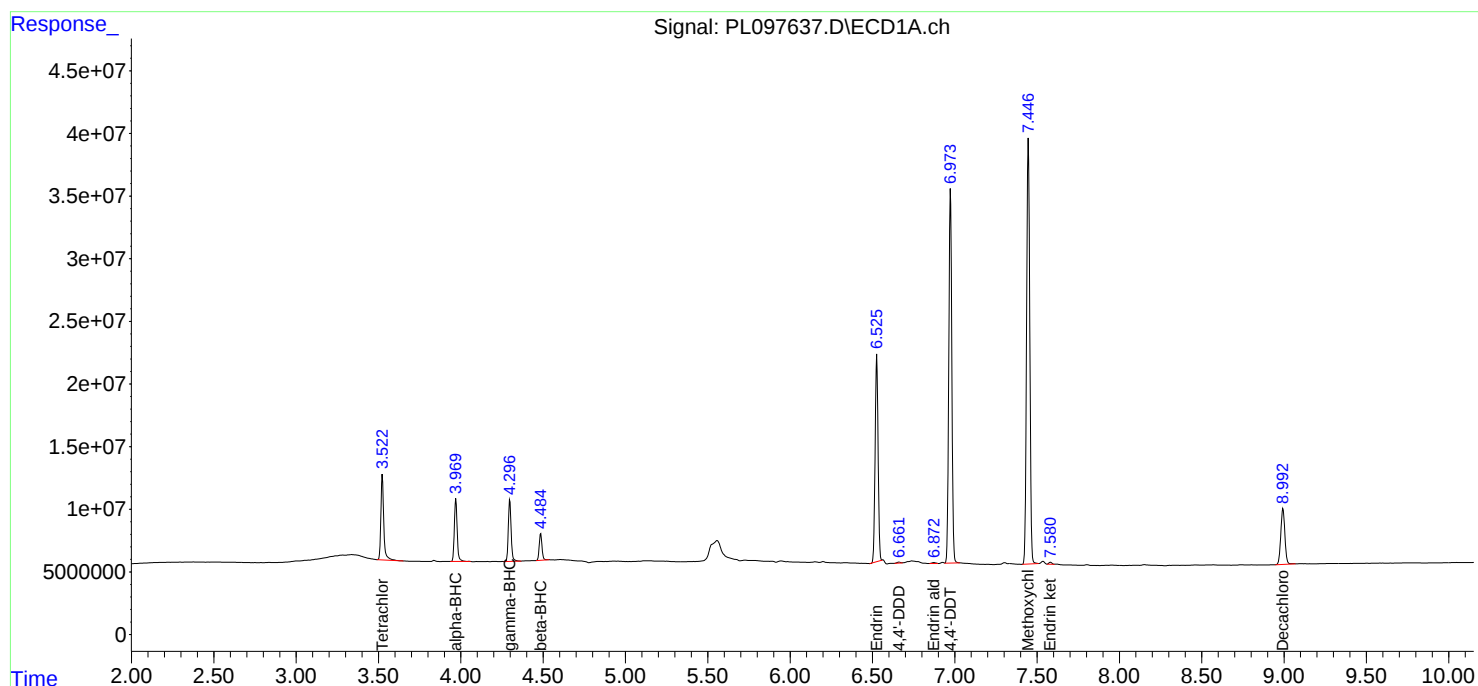
Instrument :
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PEM

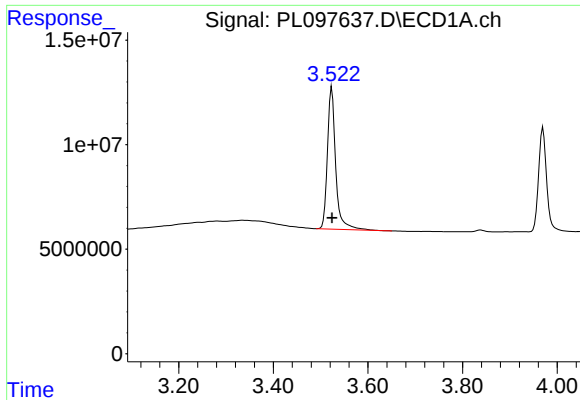
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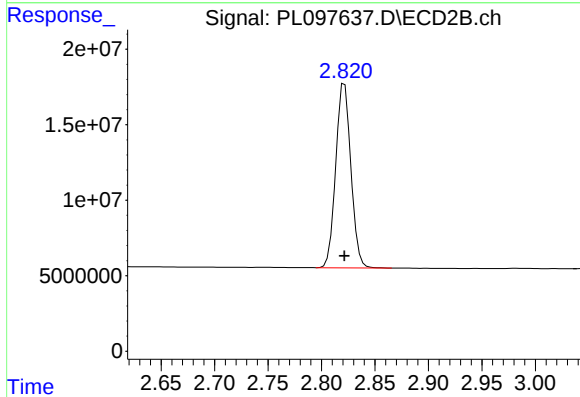
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 82217231
Conc: 20.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

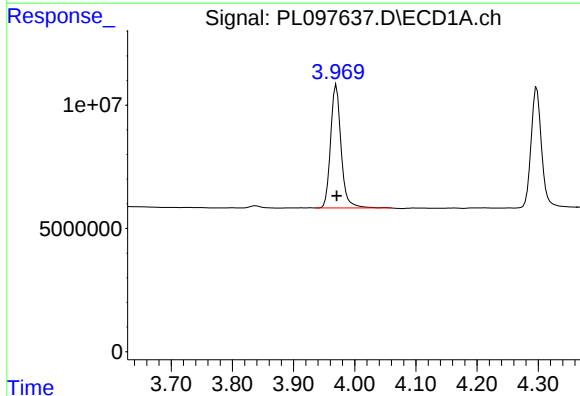
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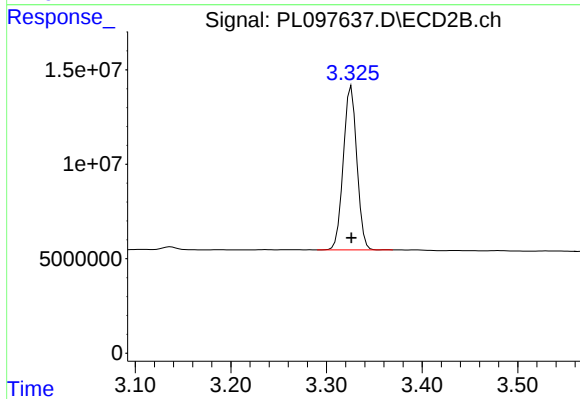
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 120550649
Conc: 20.03 ng/ml



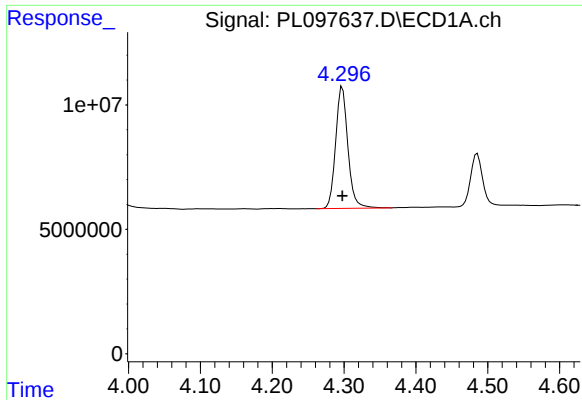
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 59470171
Conc: 8.75 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 85626215
Conc: 8.80 ng/ml



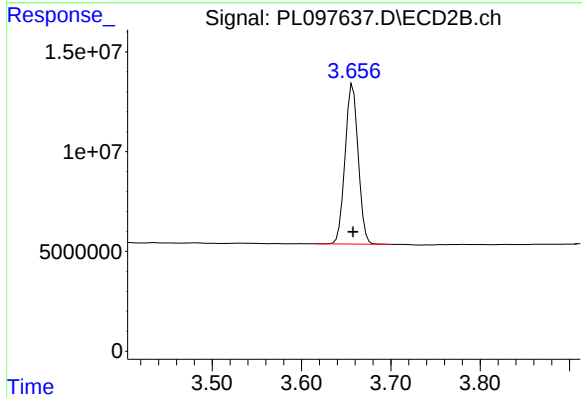
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 57910023
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

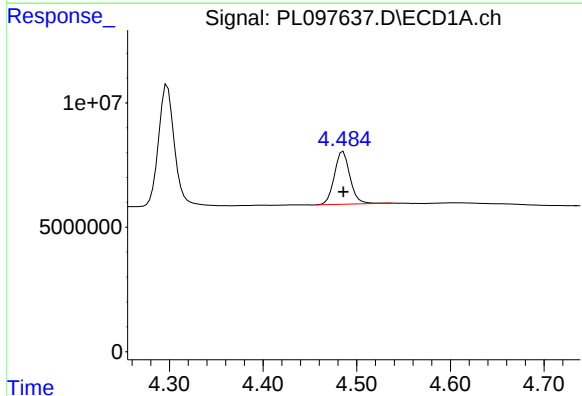
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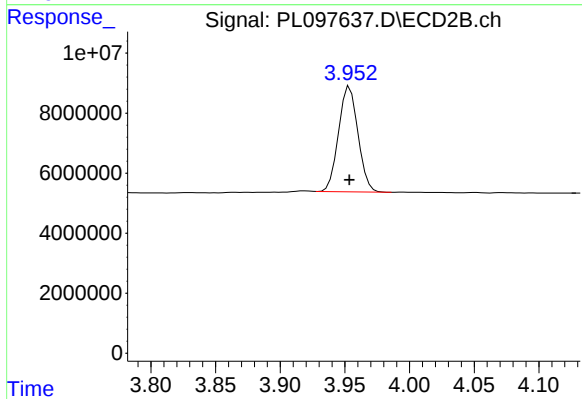
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: 0.000 min
Response: 81770206
Conc: 9.03 ng/ml



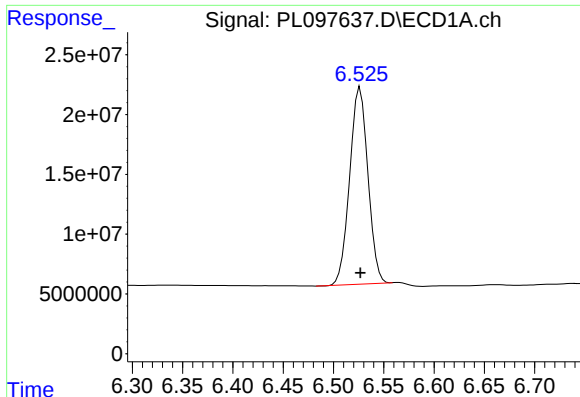
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 24649814
Conc: 9.46 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 36686694
Conc: 9.28 ng/ml



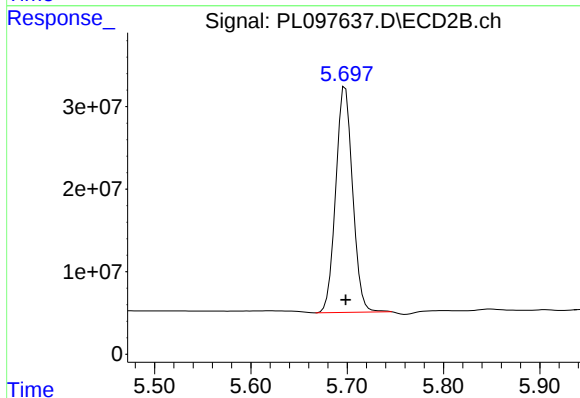
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 207113519
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

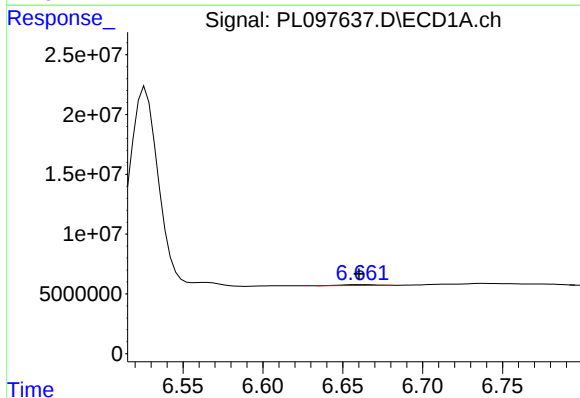
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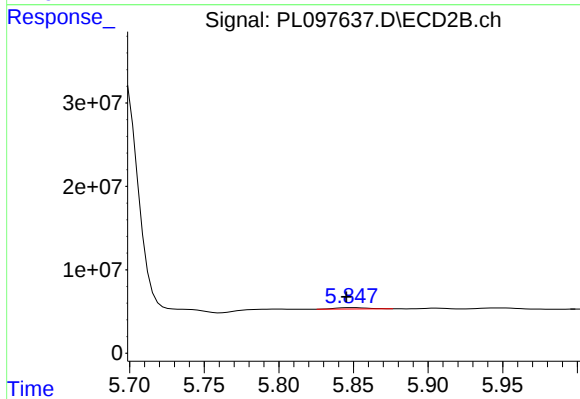
#14 Endrin

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 333365875
Conc: 47.65 ng/ml



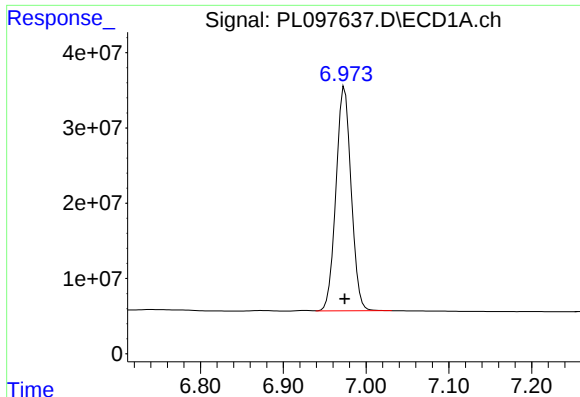
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 1043004
Conc: 0.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 2597700
Conc: 0.41 ng/ml m



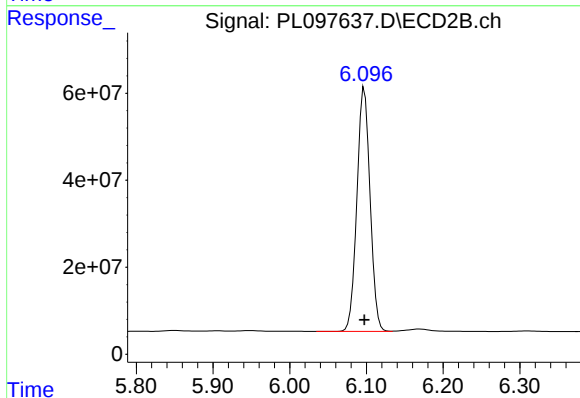
#17 4,4'-DDT

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 379377276
Conc: 94.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

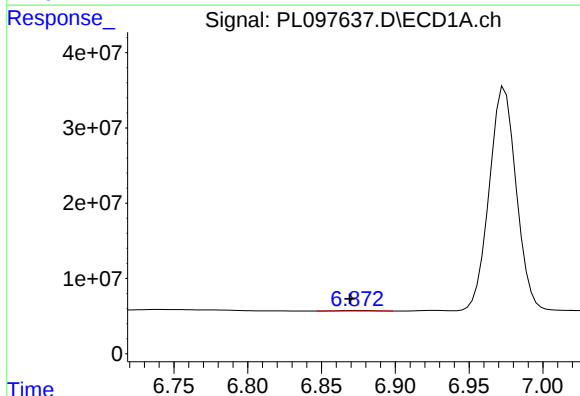
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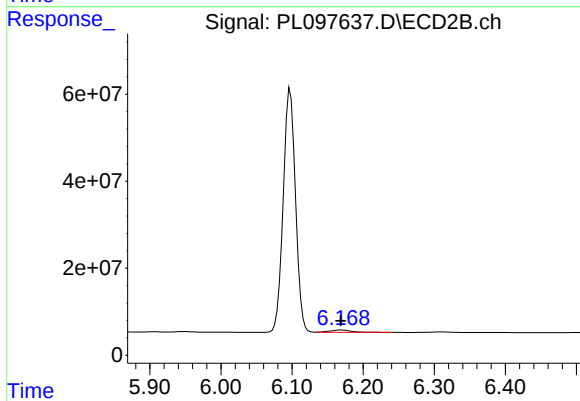
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 672965780
Conc: 97.84 ng/ml



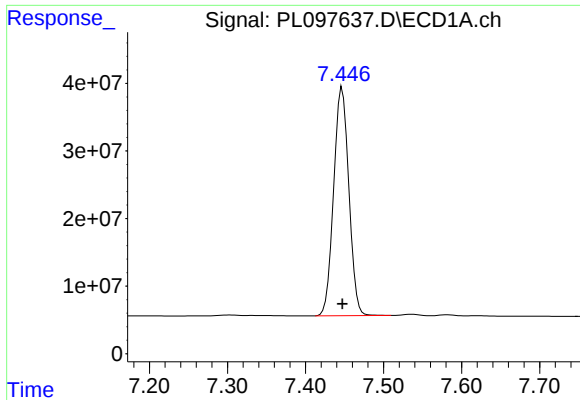
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.003 min
Response: 1253587
Conc: 0.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 11742942
Conc: 2.04 ng/ml



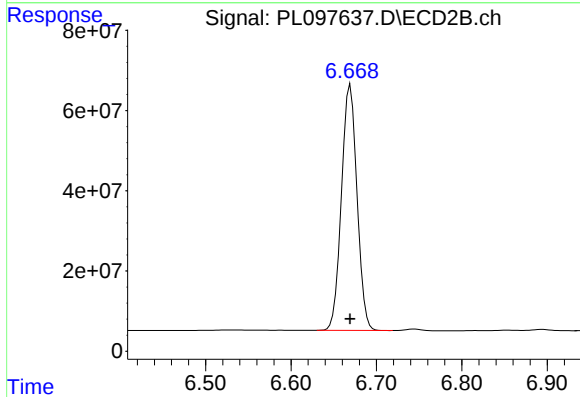
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 457403629
Conc: 224.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

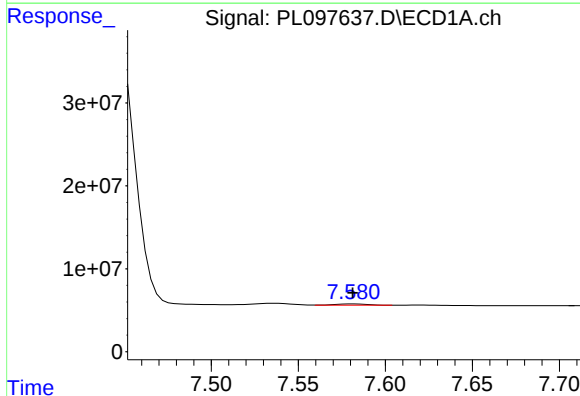
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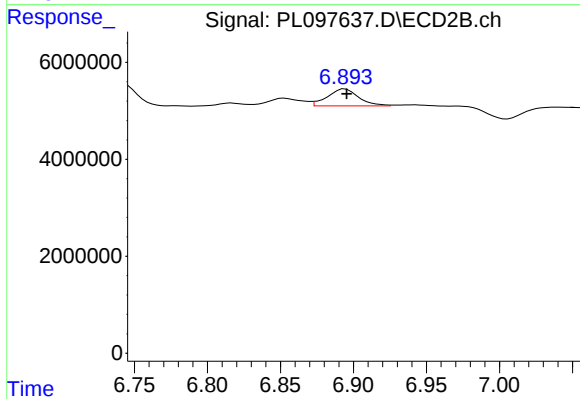
#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 776090975
Conc: 208.89 ng/ml



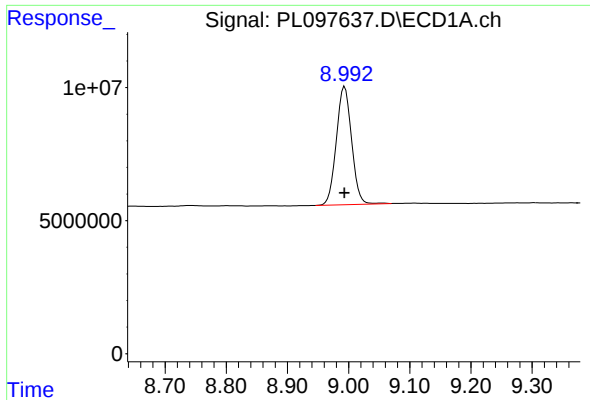
#21 Endrin ketone

R.T.: 7.580 min
Delta R.T.: -0.001 min
Response: 1965201
Conc: 0.47 ng/ml m



#21 Endrin ketone

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 5134291
Conc: 0.69 ng/ml m



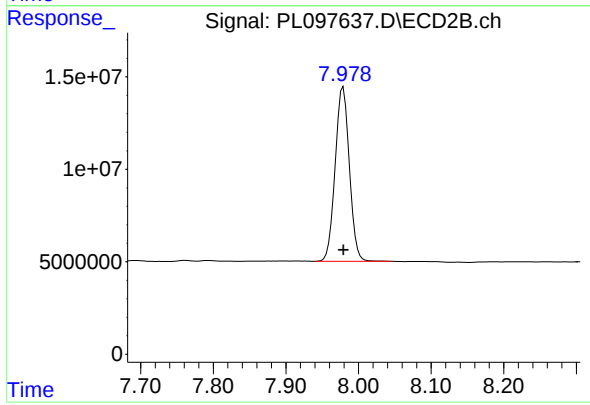
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 76981066
Conc: 25.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 128038257
Conc: 23.96 ng/ml