

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
 Data File : PL097269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 16:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:42:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.527	2.824	66867312	95692858	14.770	14.553
28)	SA Decachlor...	9.000	7.984	51238202	88066168	15.659	15.473
Target Compounds							
2)	A alpha-BHC	3.974	3.329	48421315	68644926	6.930	6.894
3)	MA gamma-BHC...	4.302	3.660	47659315	65230882	7.207	7.003
6)	B beta-BHC	4.489	3.957	20012852	30421608	7.341	7.489
14)	MA Endrin	6.532	5.702	174.3E6	275.4E6	37.781	36.671
16)	A 4,4'-DDD	6.665	5.856	465298	1405401	0.123m	0.218m#
17)	MA 4,4'-DDT	6.979	6.102	309.8E6	529.1E6	73.292	76.458
18)	B Endrin al...	6.879	6.171	1009715	9847104	0.328m	1.845m#
20)	A Methoxychlor	7.452	6.674	376.0E6	628.6E6	180.319	166.763
21)	B Endrin ke...	7.586	6.896	1666712	2086500	0.393m	0.277m#

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

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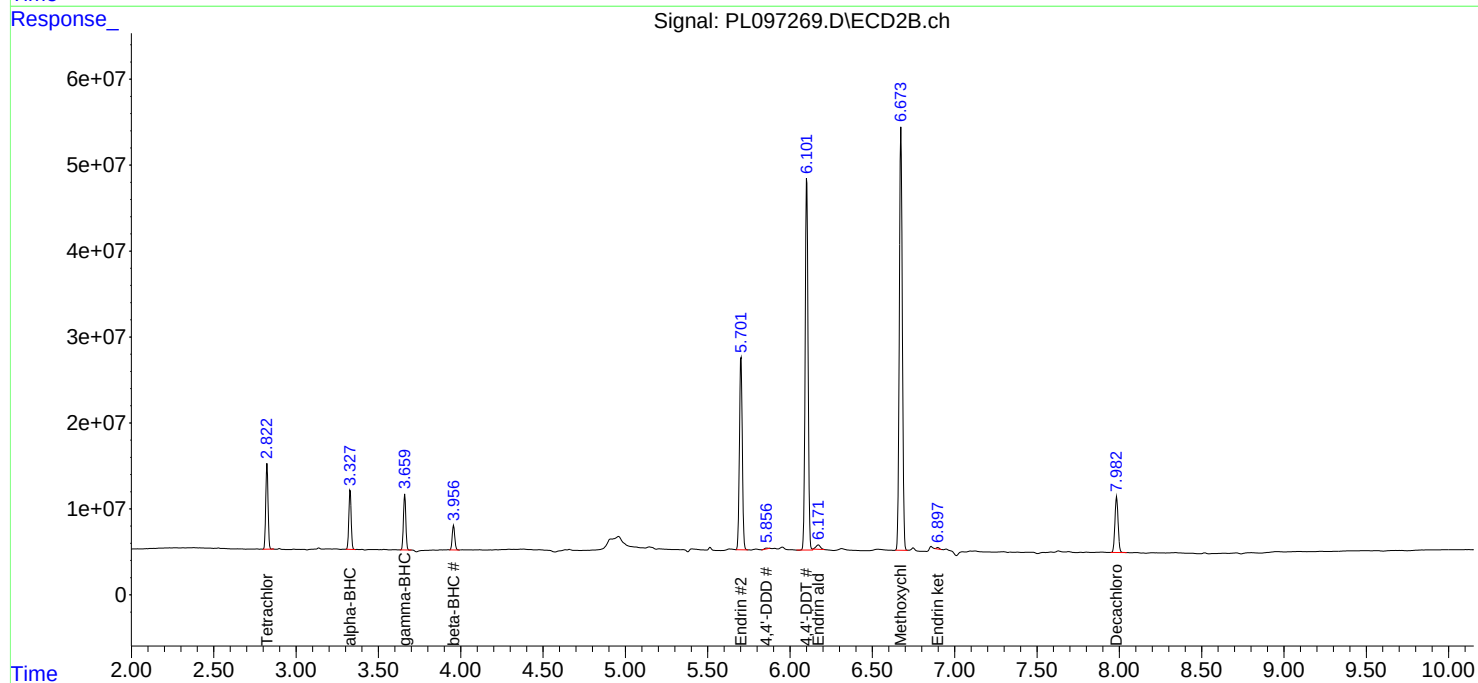
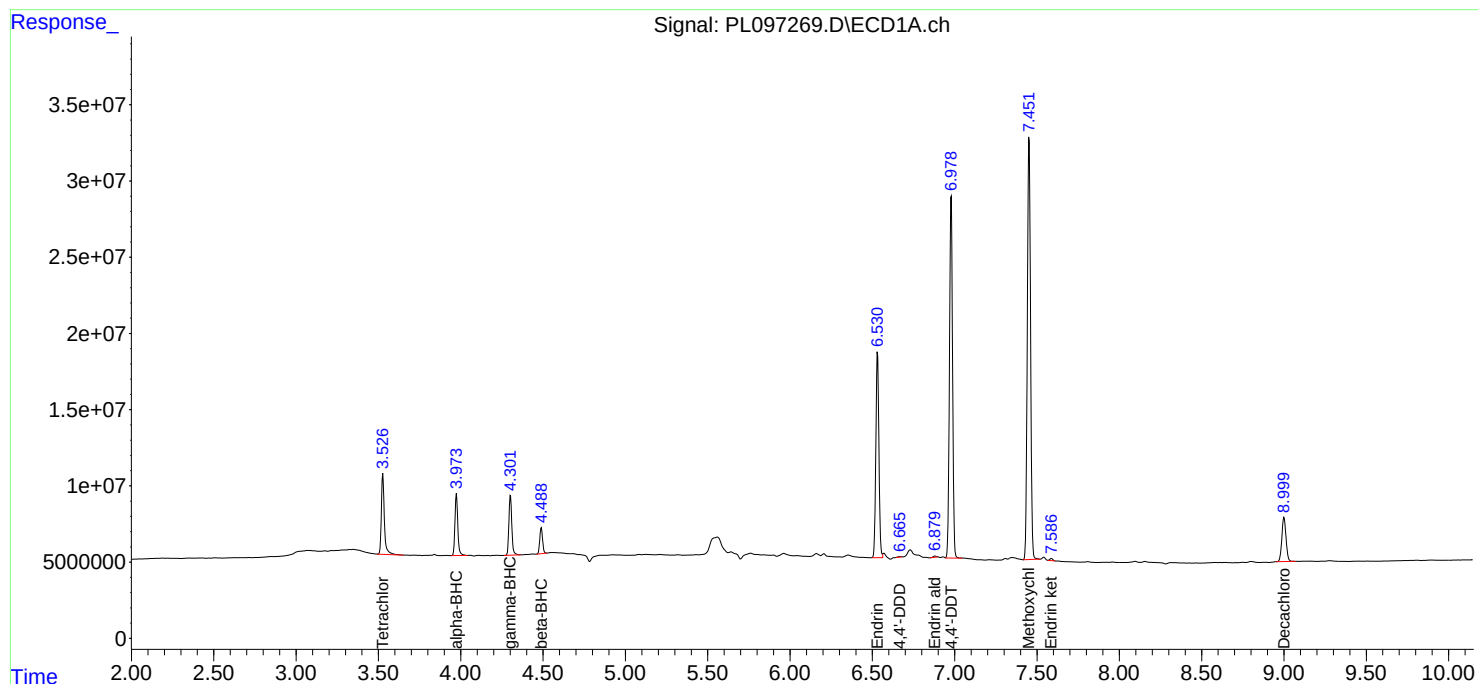
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ECD_L
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PEM

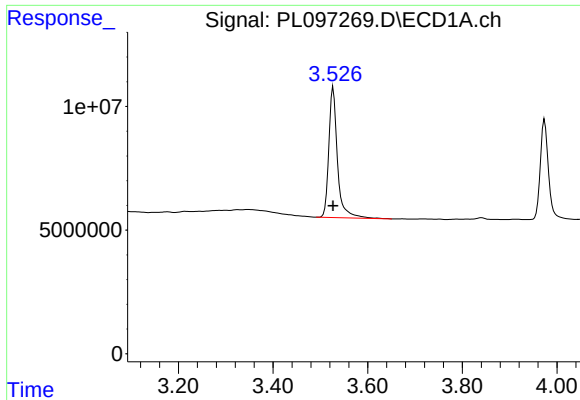
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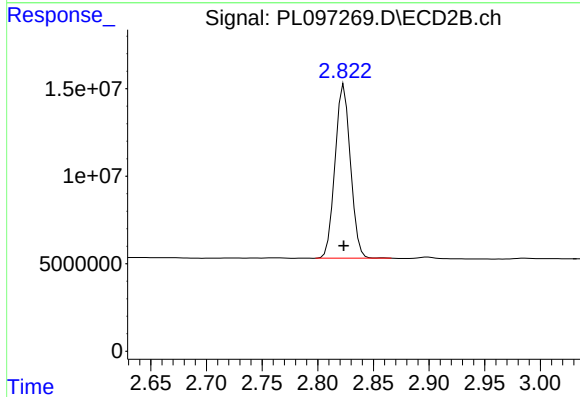
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 66867312
Conc: 14.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

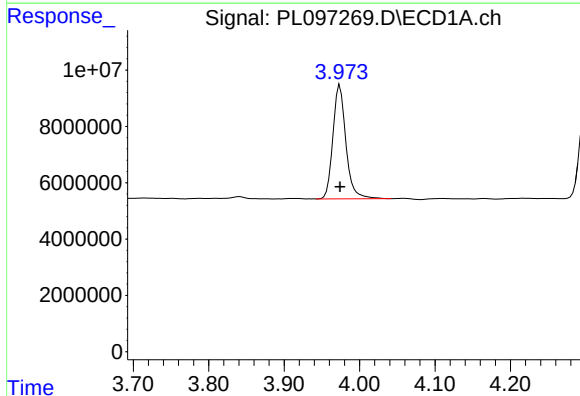
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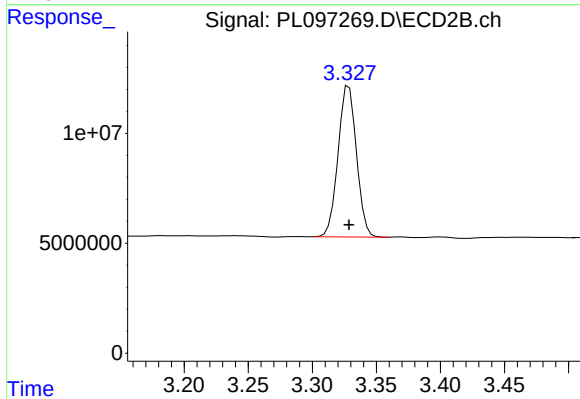
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 95692858
Conc: 14.55 ng/ml



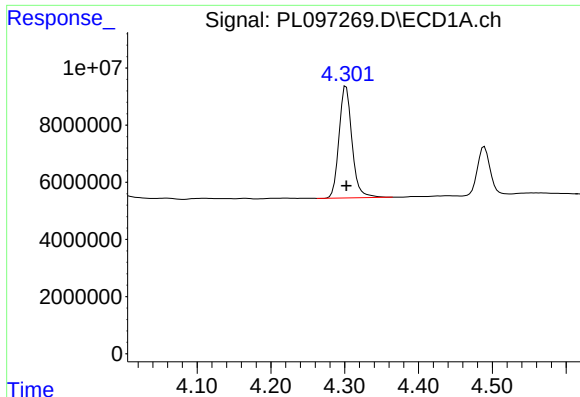
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 48421315
Conc: 6.93 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 68644926
Conc: 6.89 ng/ml



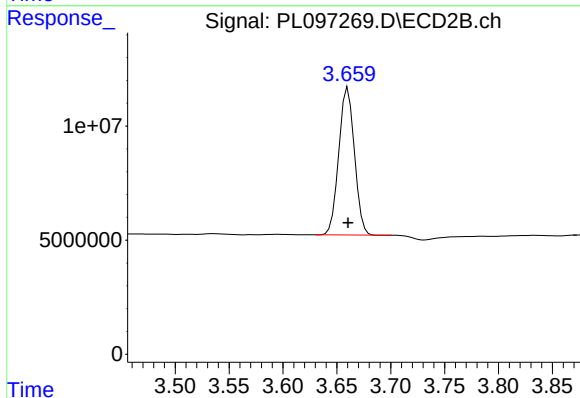
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 47659315
Conc: 7.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

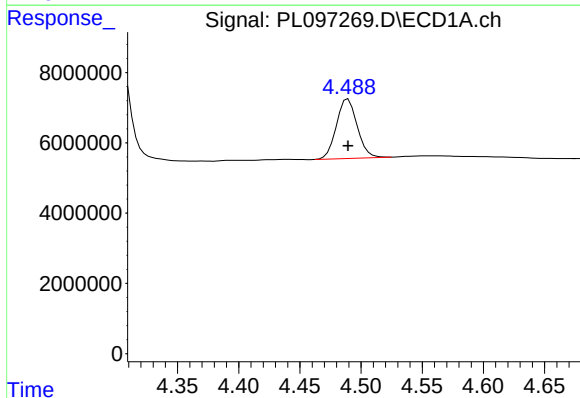
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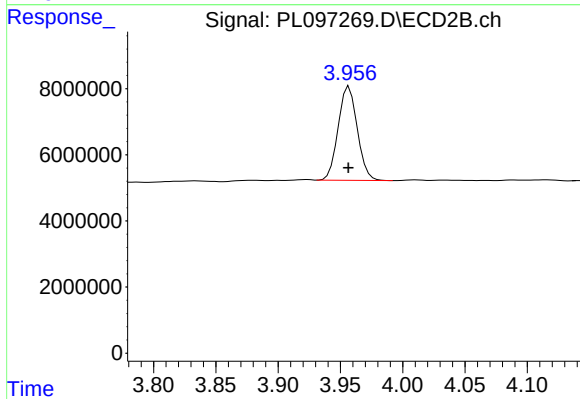
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 65230882
Conc: 7.00 ng/ml



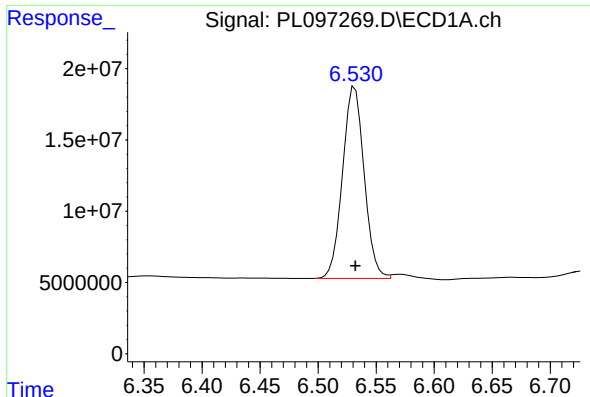
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 20012852
Conc: 7.34 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 30421608
Conc: 7.49 ng/ml



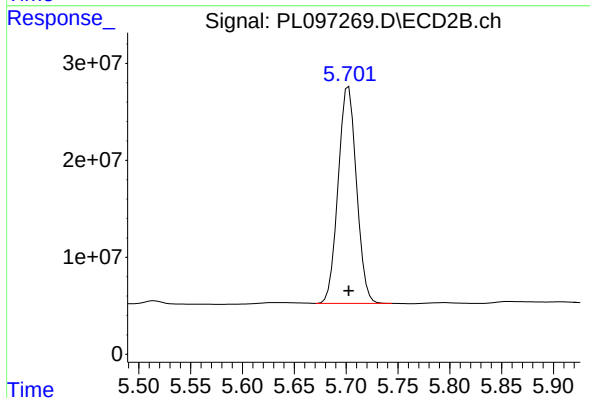
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 174289453
Conc: 37.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

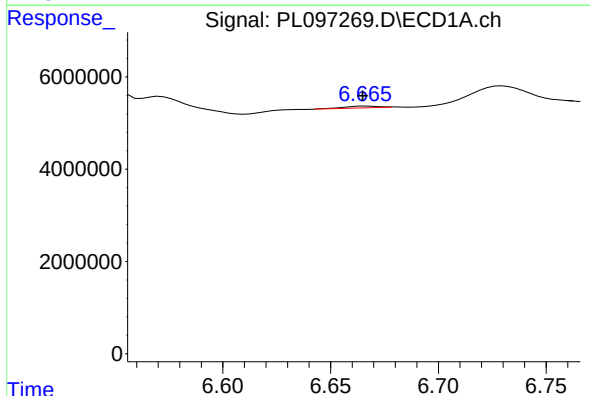
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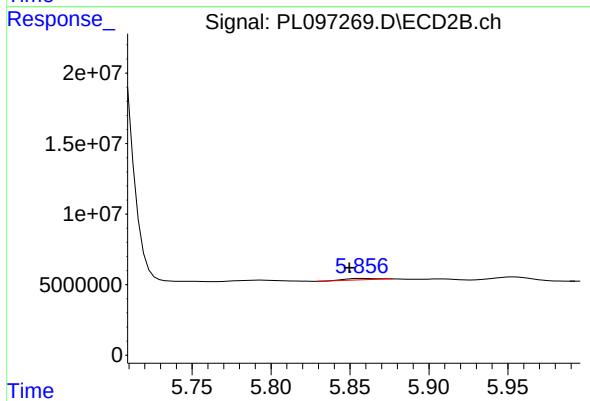
#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 275420355
Conc: 36.67 ng/ml



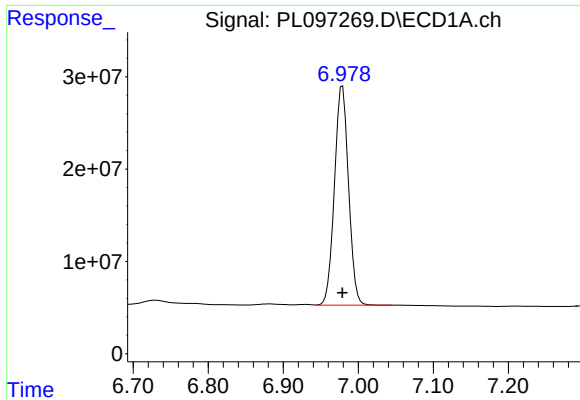
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 465298
Conc: 0.12 ng/ml m



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.006 min
Response: 1405401
Conc: 0.22 ng/ml m



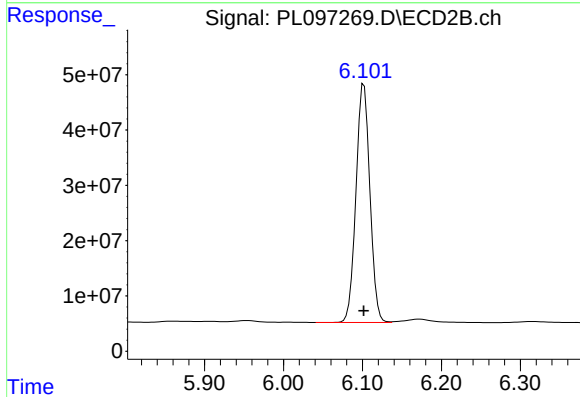
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 309821332
Conc: 73.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

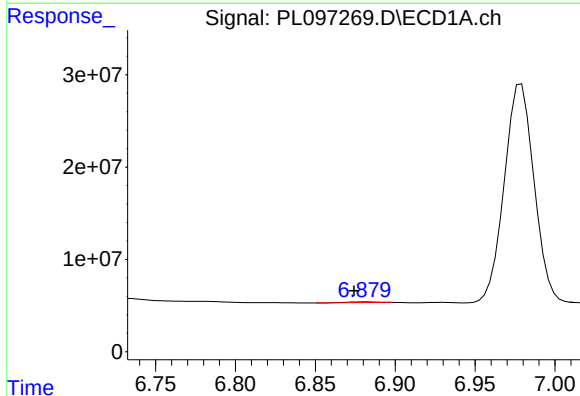
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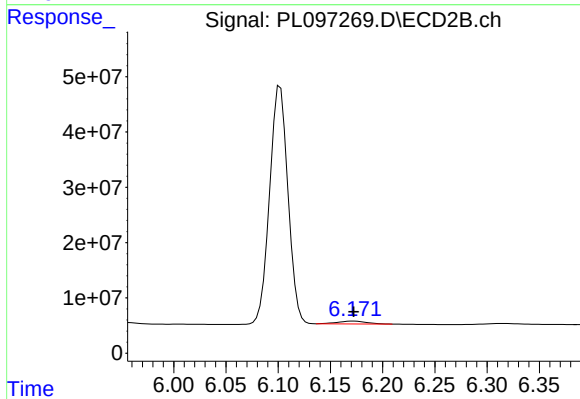
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 529123463
Conc: 76.46 ng/ml



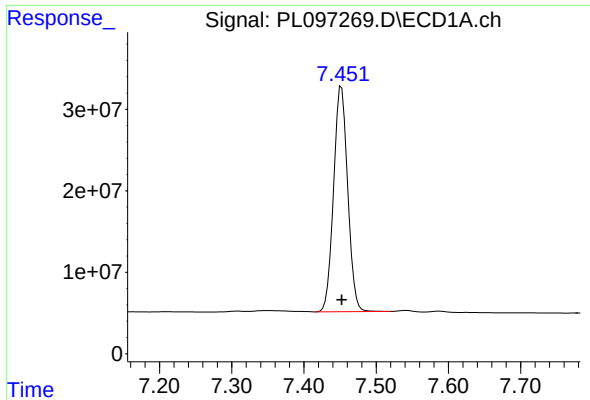
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.005 min
Response: 1009715
Conc: 0.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 9847104
Conc: 1.84 ng/ml m



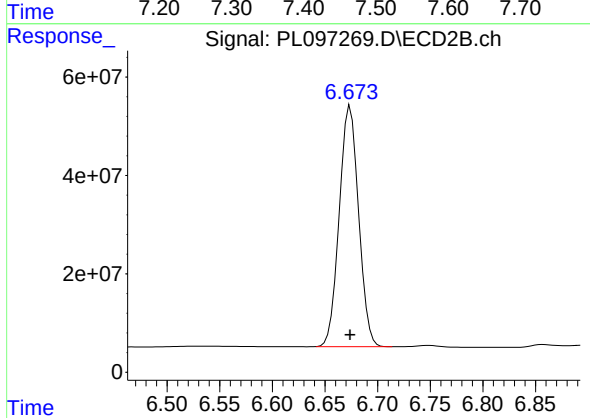
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 376032835
Conc: 180.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

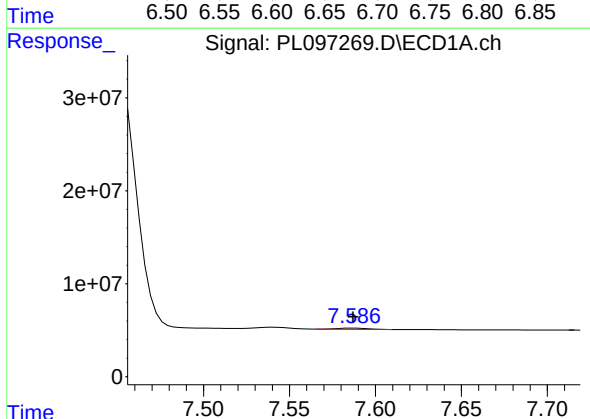
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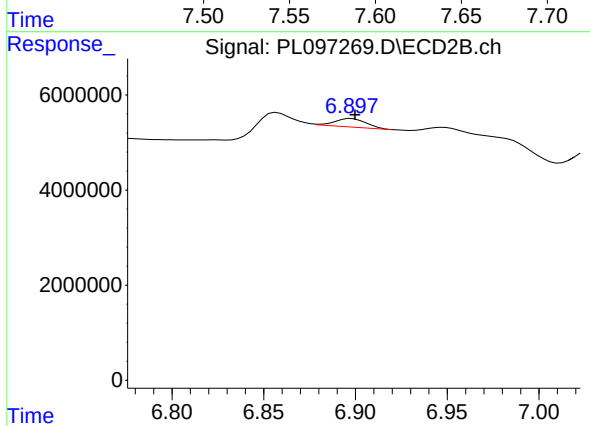
#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 628607550
Conc: 166.76 ng/ml



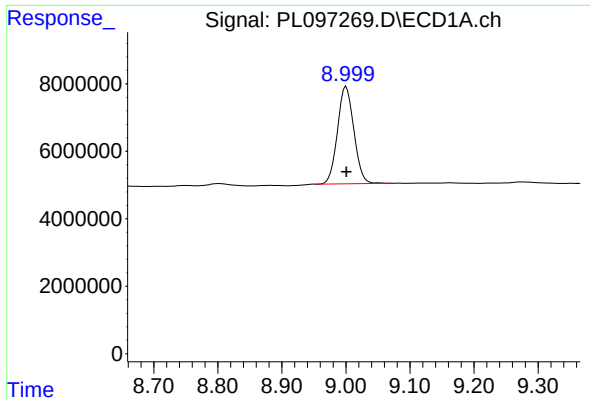
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 1666712
Conc: 0.39 ng/ml m



#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: -0.003 min
Response: 2086500
Conc: 0.28 ng/ml m



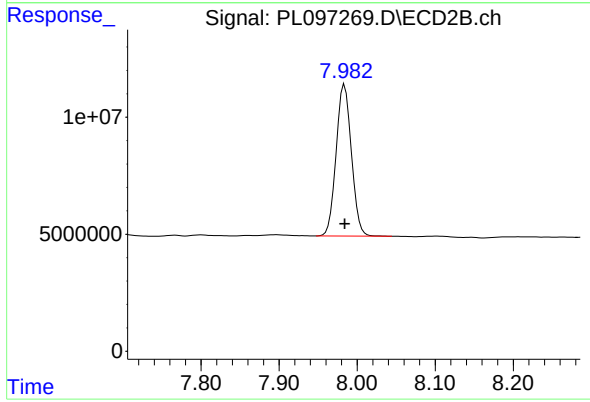
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 51238202
Conc: 15.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 88066168
Conc: 15.47 ng/ml