

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030624\
 Data File : PL088421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2024 09:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/07/2024
 Supervised By : Ankita Jodhani 03/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:20:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.634	2.853	56257171	28387900	20.482m	20.241
28)	SA Decachlor...	9.302	8.083	48530327	28645717	25.198	22.497
Target Compounds							
2)	A alpha-BHC	4.100	3.367	38868724	18960599	9.312	9.227
3)	MA gamma-BHC...	4.438	3.704	37971936	17965961	9.377	8.972
6)	B beta-BHC	4.636	4.006	19326969	9507513	11.097	10.682
14)	MA Endrin	6.718	5.773	121.7E6	75391436	46.783m	50.424
16)	A 4,4'-DDD	6.852	5.923	1528155	864382	0.589m	0.633m
17)	MA 4,4'-DDT	7.173	6.179	256.2E6	156.1E6	97.445	114.305
18)	B Endrin al...	7.071	6.253	3002456	2120282	1.452	1.941 #
20)	A Methoxychlor	7.653	6.762	348.0E6	196.9E6	262.874	251.268
21)	B Endrin ke...	7.800	6.990	6169173	4078944	2.202	2.436

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

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ALS Vial : 3 Sample Multiplier: 1

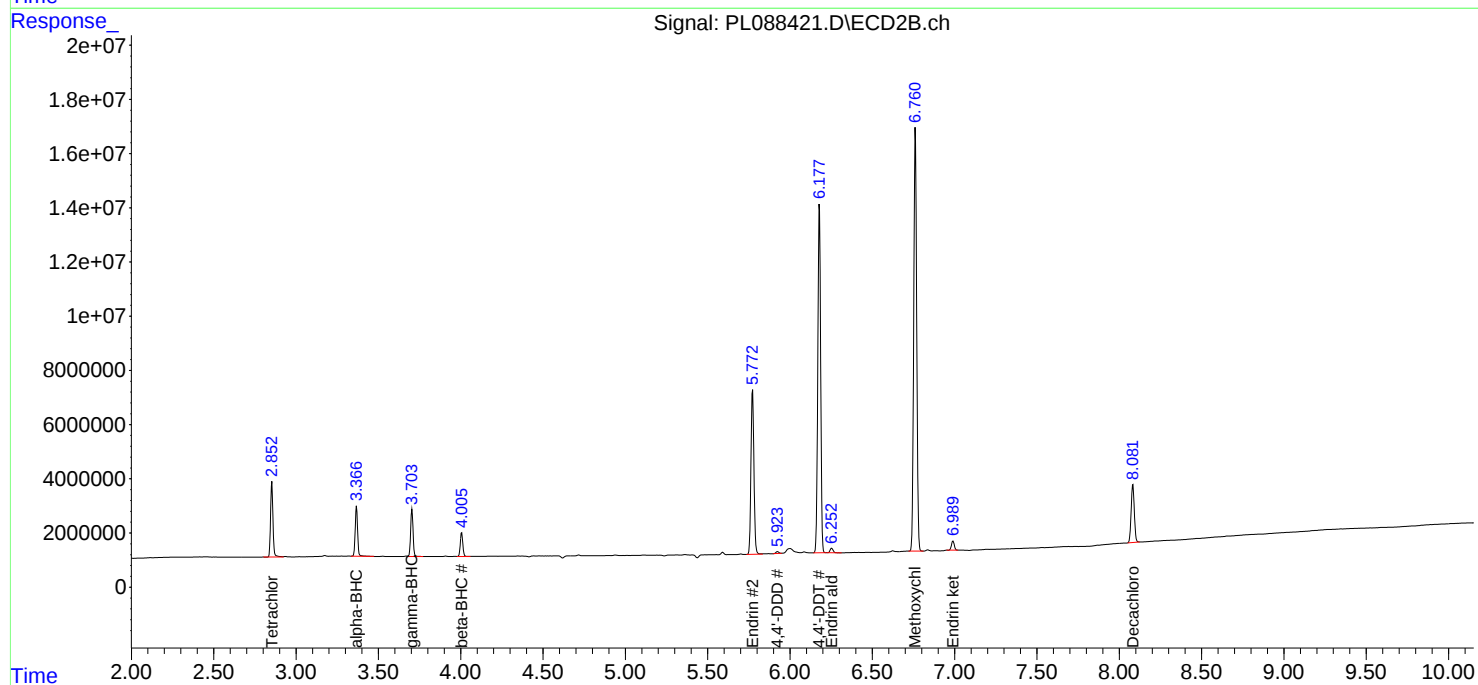
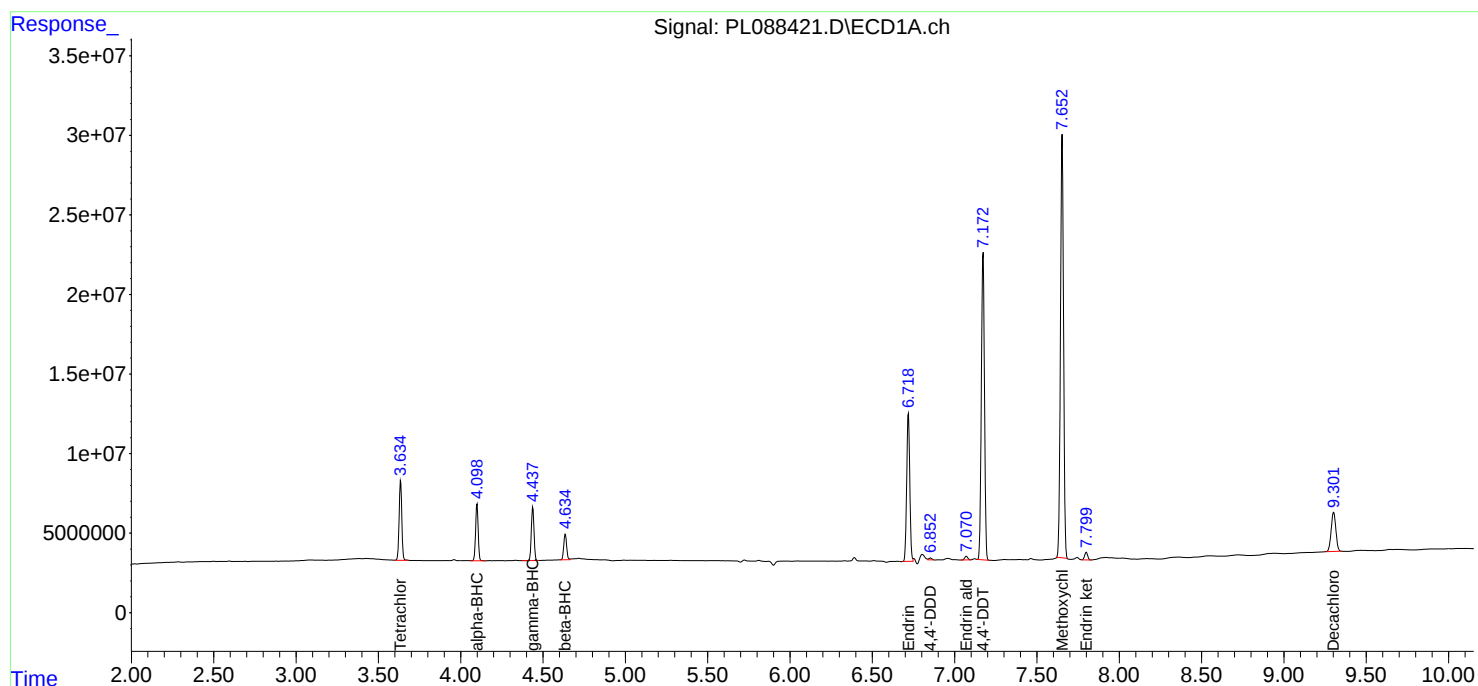
Instrument :
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ClientSampleId :
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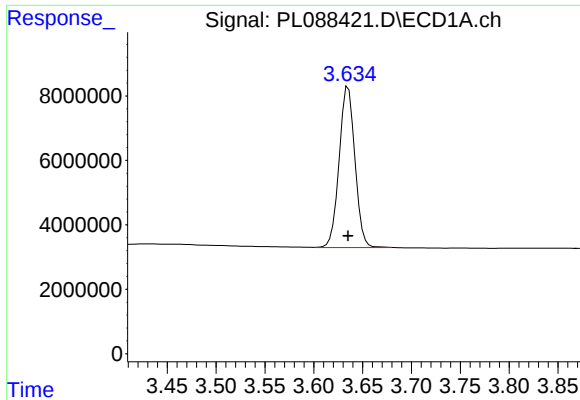
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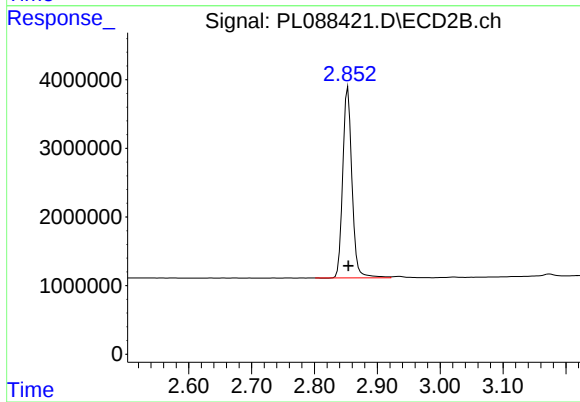
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.001 min
Response: 56257171
Conc: 20.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

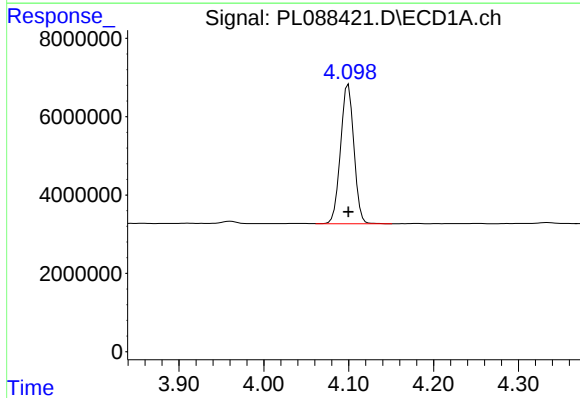
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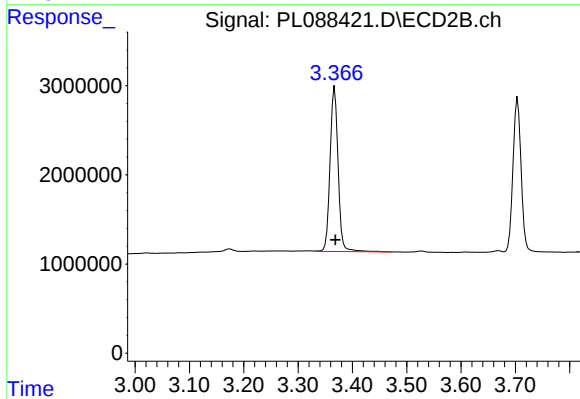
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 28387900
Conc: 20.24 ng/ml



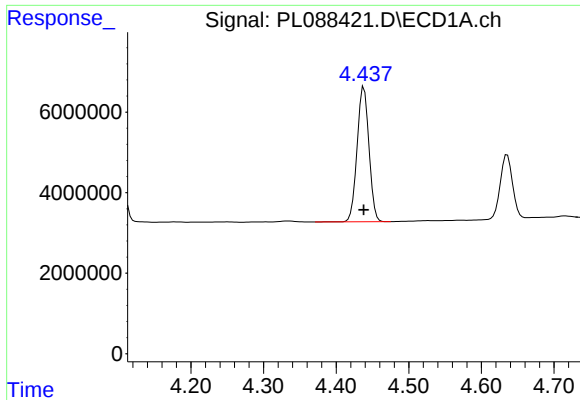
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 38868724
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.001 min
Response: 18960599
Conc: 9.23 ng/ml



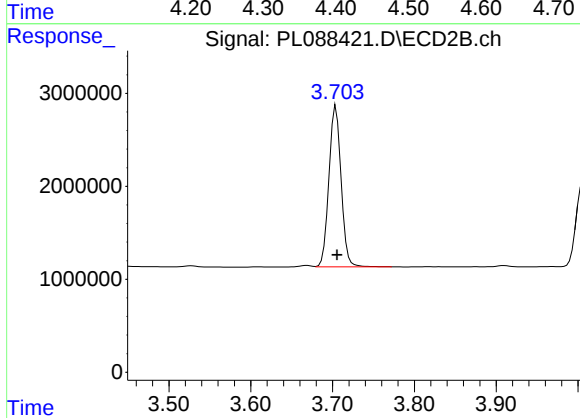
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 37971936
Conc: 9.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

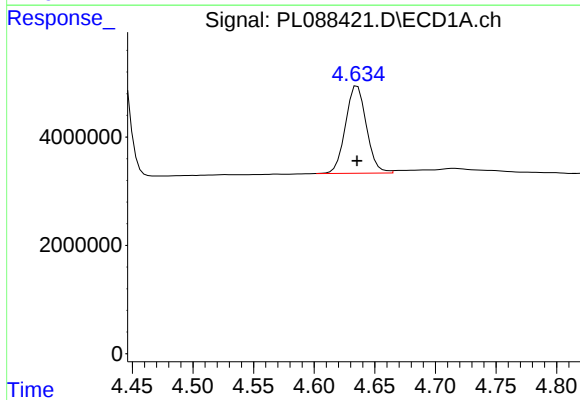
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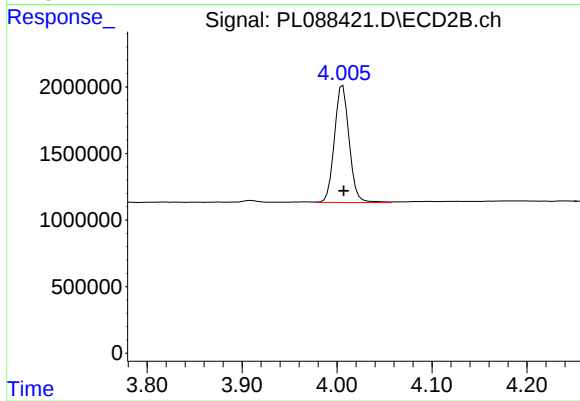
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.001 min
Response: 17965961
Conc: 8.97 ng/ml



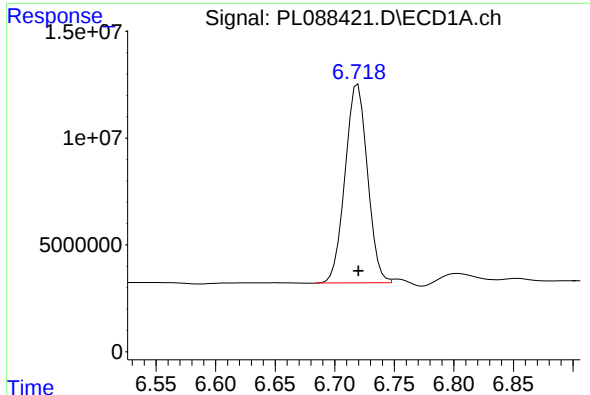
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19326969
Conc: 11.10 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 9507513
Conc: 10.68 ng/ml



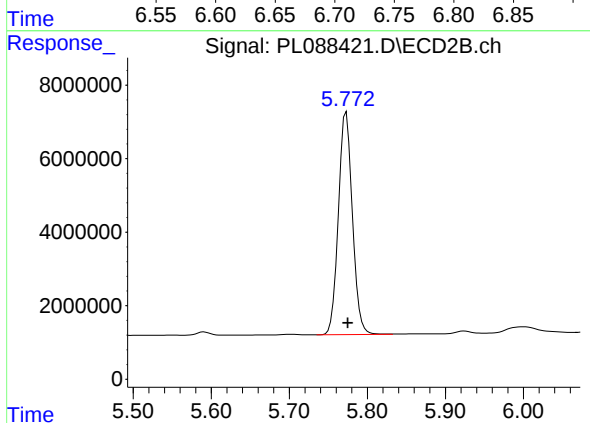
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 121665385
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

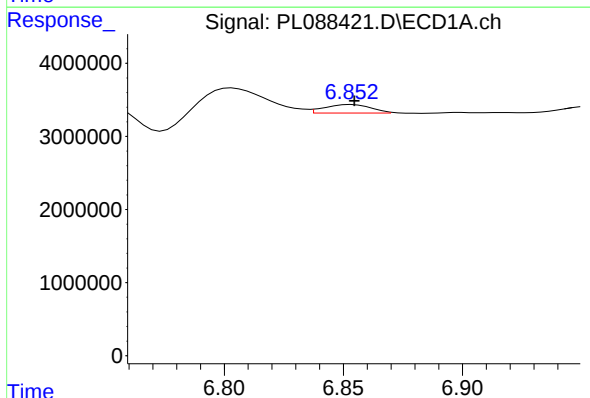
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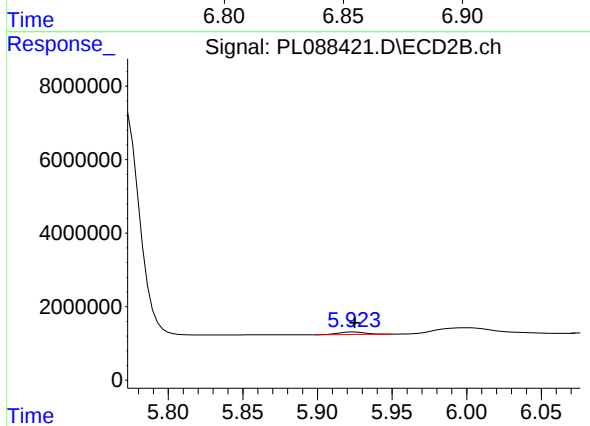
#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 75391436
Conc: 50.42 ng/ml



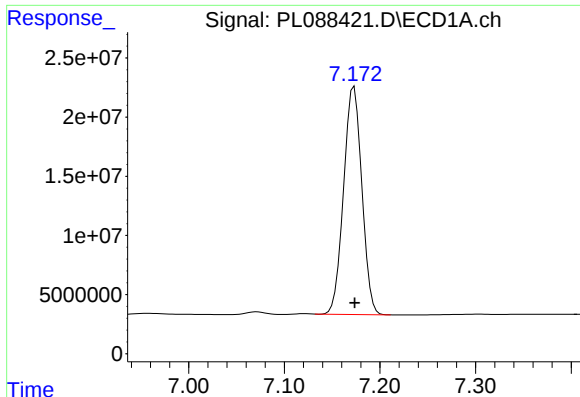
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 1528155
Conc: 0.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 864382
Conc: 0.63 ng/ml m



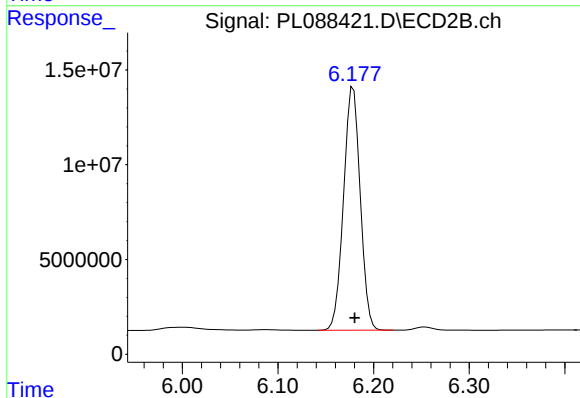
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 256202228
Conc: 97.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

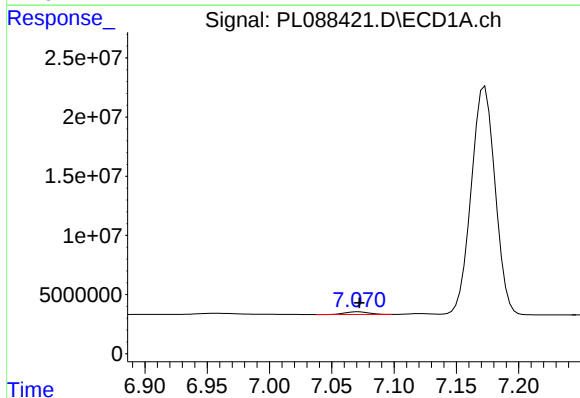
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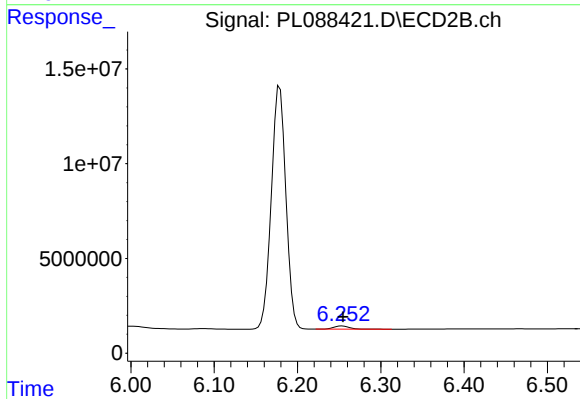
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 156053492
Conc: 114.31 ng/ml



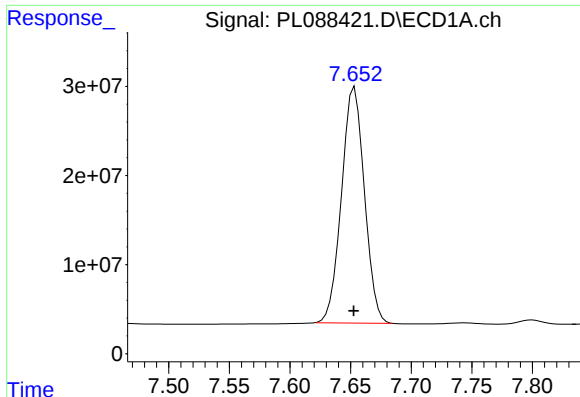
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 3002456
Conc: 1.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 2120282
Conc: 1.94 ng/ml



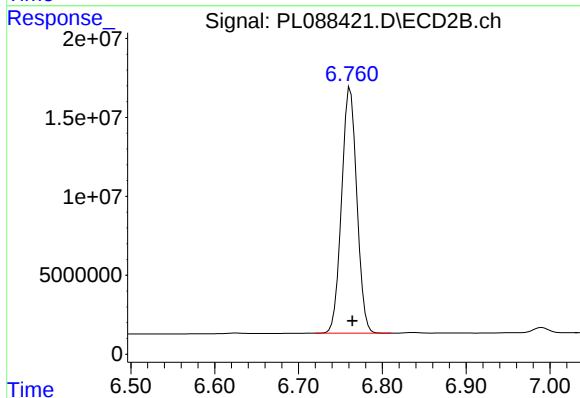
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 347969303
Conc: 262.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

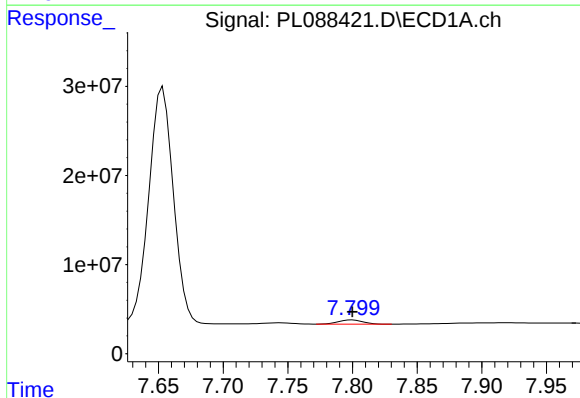
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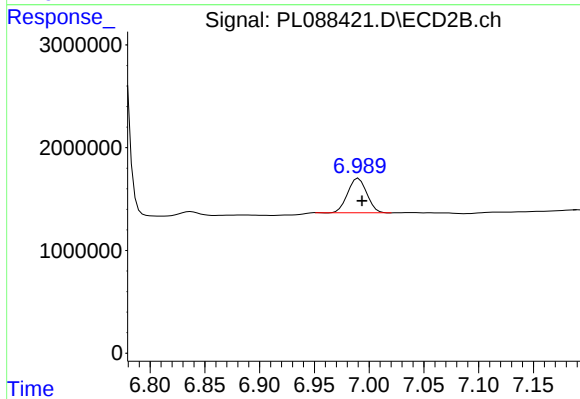
#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 196932596
Conc: 251.27 ng/ml



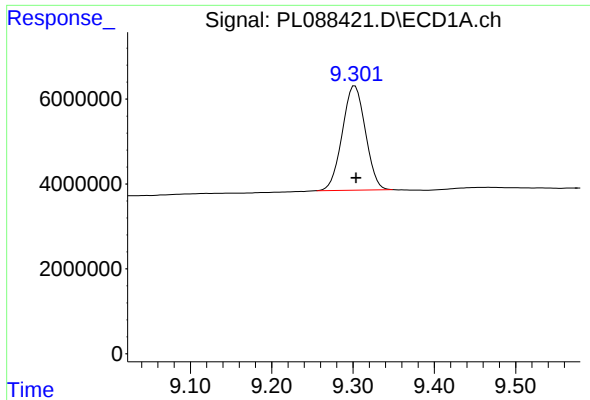
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 6169173
Conc: 2.20 ng/ml



#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 4078944
Conc: 2.44 ng/ml



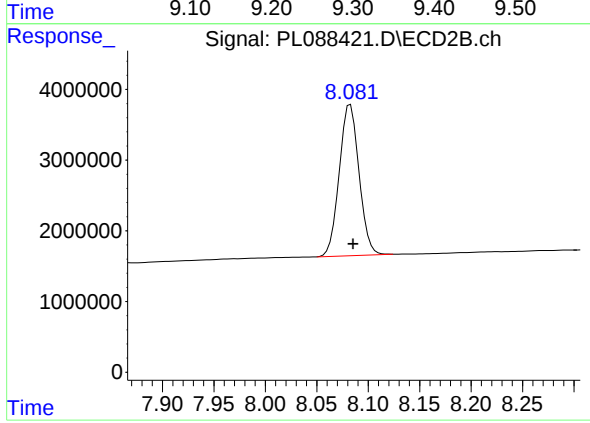
#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: -0.001 min
Response: 48530327
Conc: 25.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 28645717
Conc: 22.50 ng/ml