

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030524\
 Data File : PL088405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2024 09:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/06/2024
 Supervised By : Ankita Jodhani 03/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:19:43 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...	3.636	2.854	52930658	26060370	19.271	18.581
28)	SA Decachlor...	9.300	8.082	47995106	28974825	24.920	22.756
Target Compounds							
2)	A alpha-BHC	4.100	3.368	36316862	17301532	8.700	8.420
3)	MA gamma-BHC...	4.438	3.705	35626911	16740598	8.798	8.360
6)	B beta-BHC	4.634	4.005	17568682	8565261	10.087m	9.623m
14)	MA Endrin	6.720	5.774	124.5E6	71174843	47.874	47.604
16)	A 4,4'-DDD	6.851	5.922	1479060	648694	0.570m	0.475m
17)	MA 4,4'-DDT	7.173	6.178	262.7E6	150.6E6	99.930	110.275
18)	B Endrin al...	7.072	6.254	2810838	1893000	1.359	1.733 #
20)	A Methoxychlor	7.653	6.761	346.5E6	194.1E6	261.734	247.651
21)	B Endrin ke...	7.799	6.990	5914741	3868820	2.112	2.311

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

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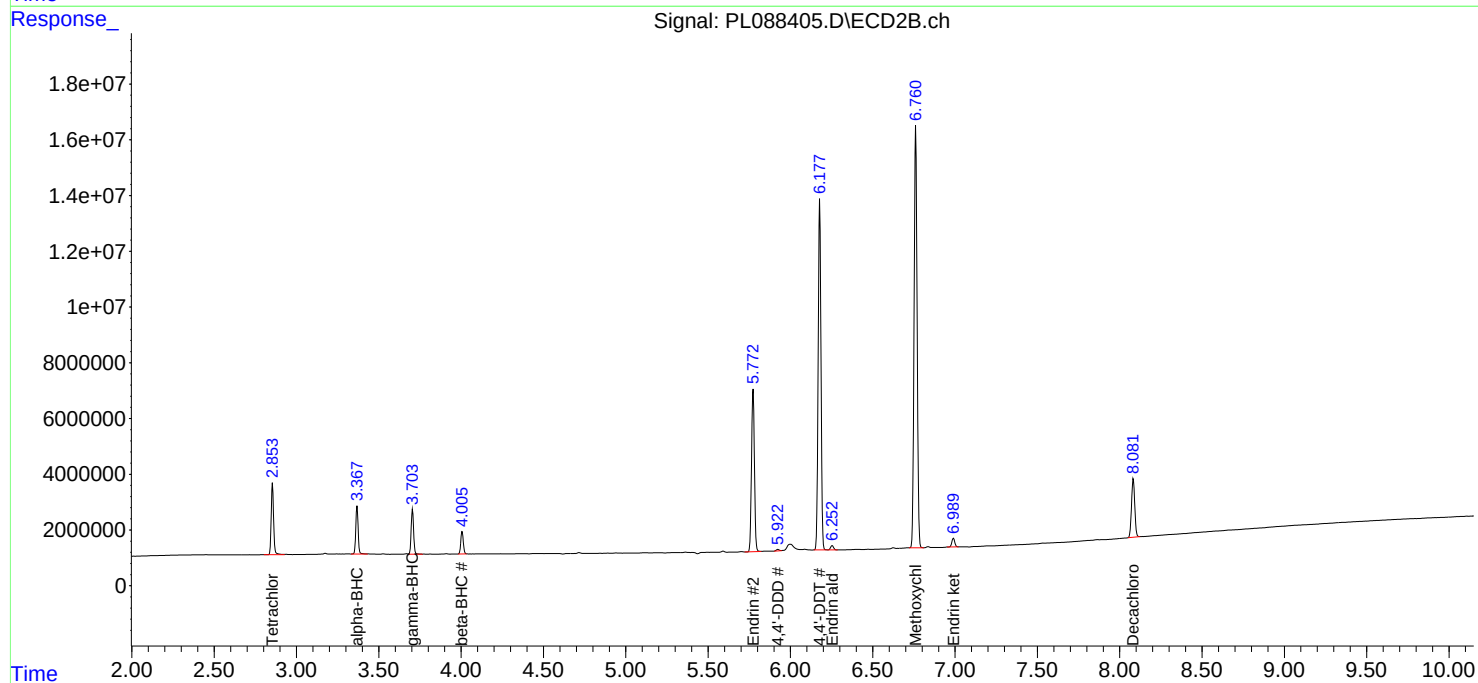
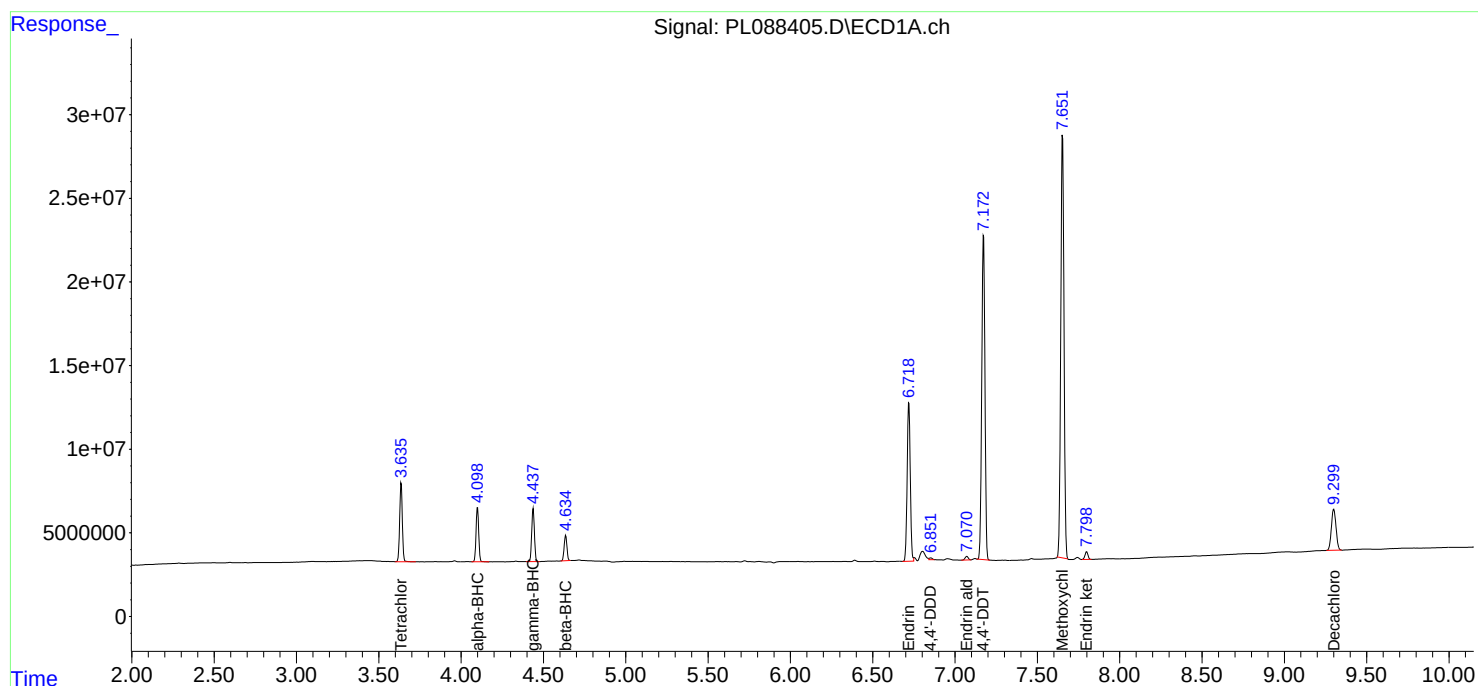
Instrument :
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ClientSampleId :
PEM

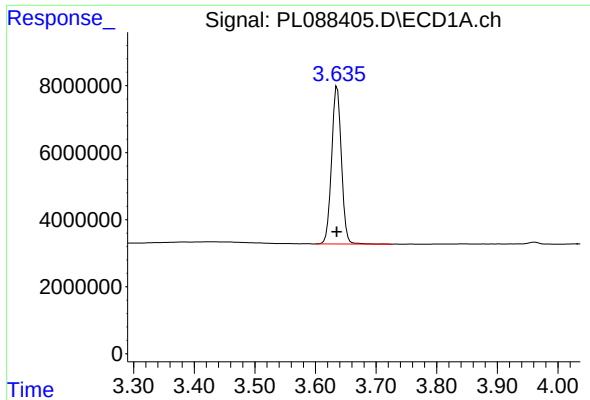
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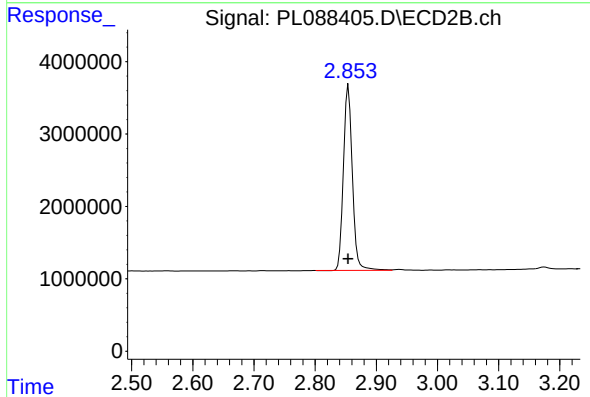
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.001 min
Response: 52930658
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

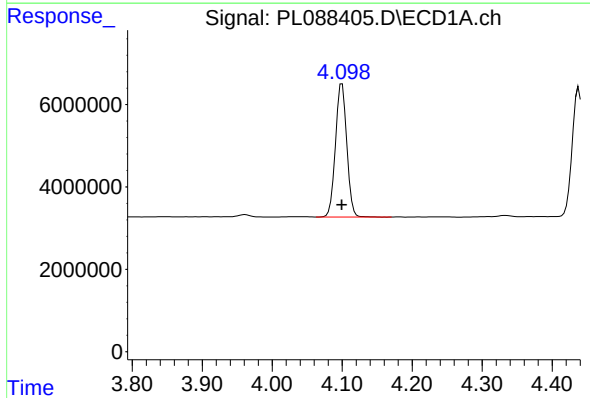
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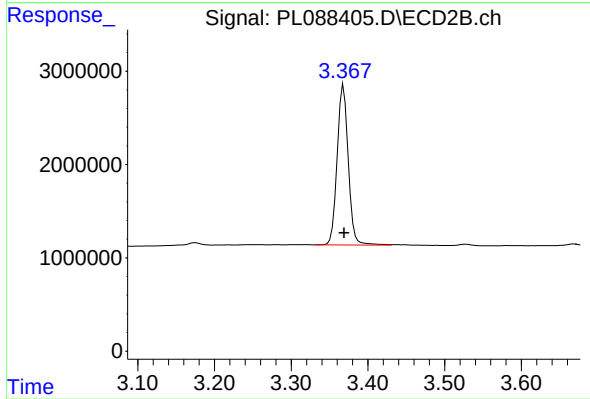
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 26060370
Conc: 18.58 ng/ml



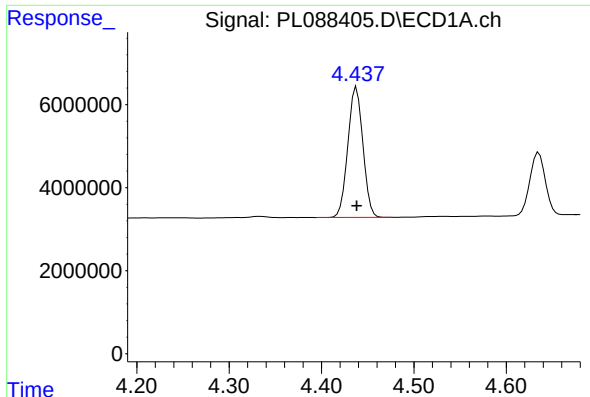
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 36316862
Conc: 8.70 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 17301532
Conc: 8.42 ng/ml



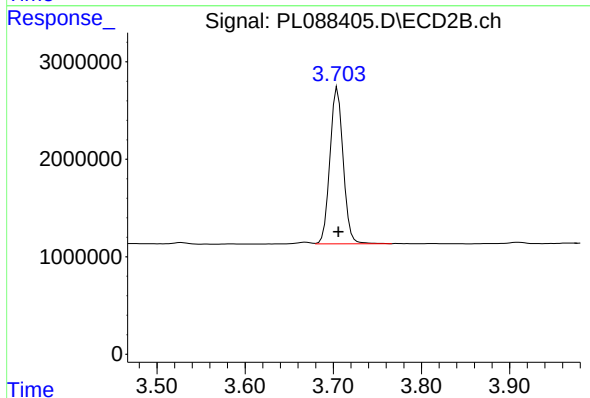
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 35626911
Conc: 8.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

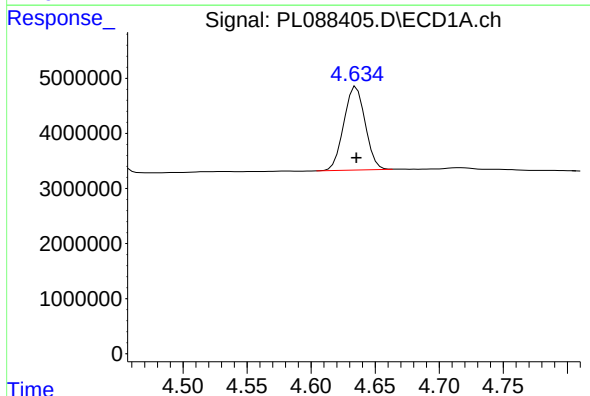
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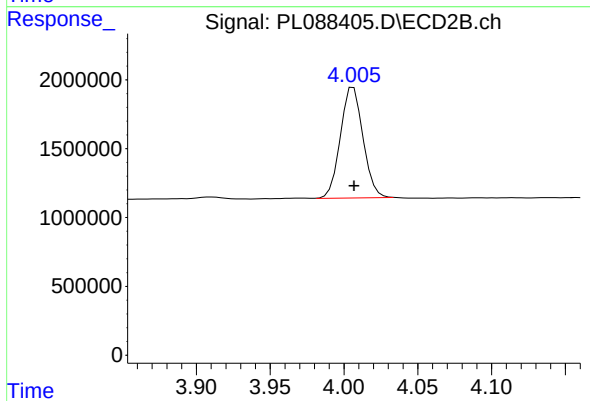
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 16740598
Conc: 8.36 ng/ml



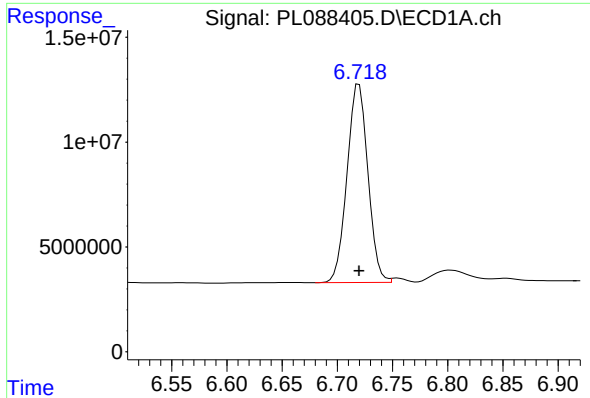
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 17568682
Conc: 10.09 ng/ml m



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 8565261
Conc: 9.62 ng/ml m



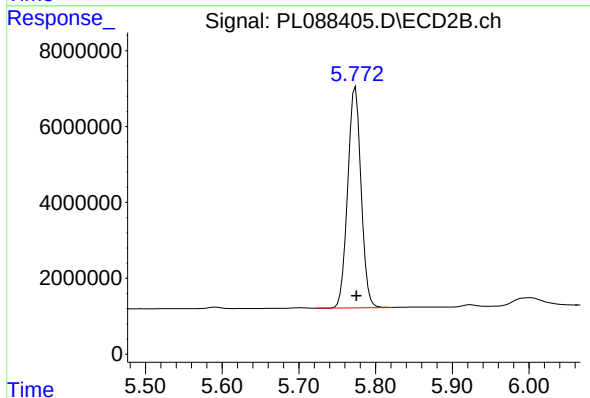
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 124500963
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

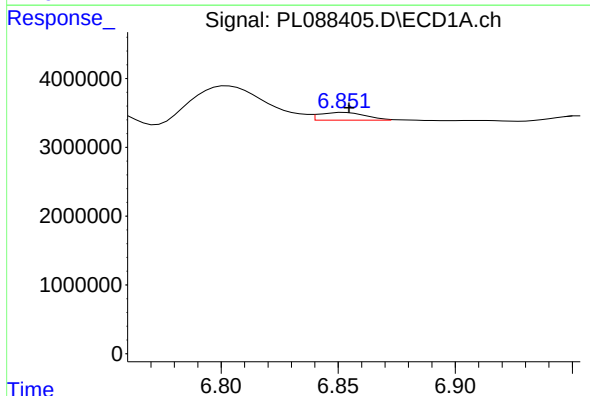
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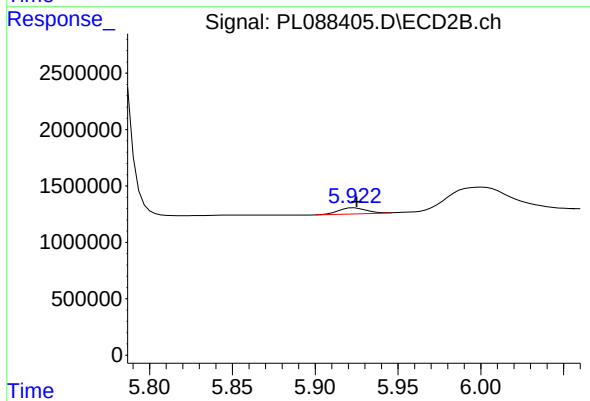
#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 71174843
Conc: 47.60 ng/ml



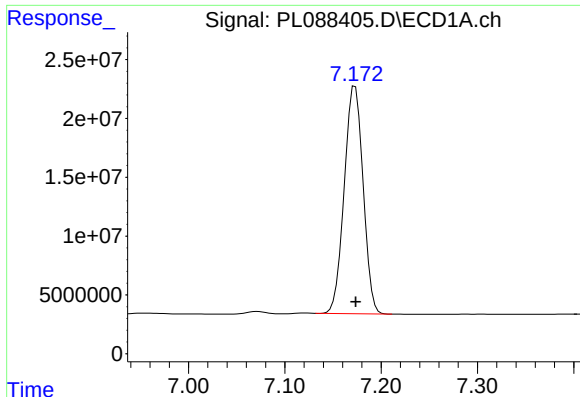
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 1479060
Conc: 0.57 ng/ml m



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 648694
Conc: 0.47 ng/ml m



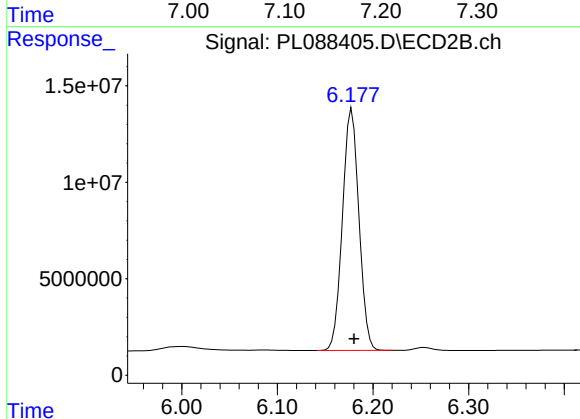
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 262737275
Conc: 99.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

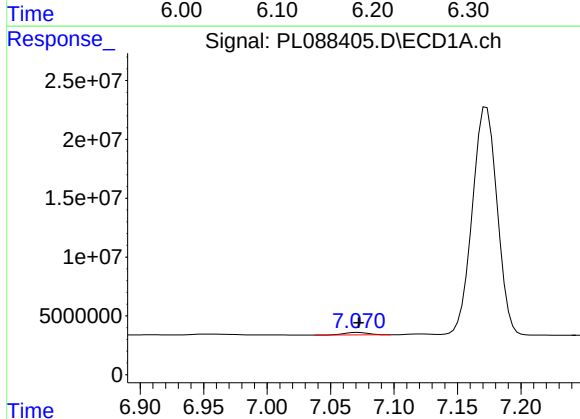
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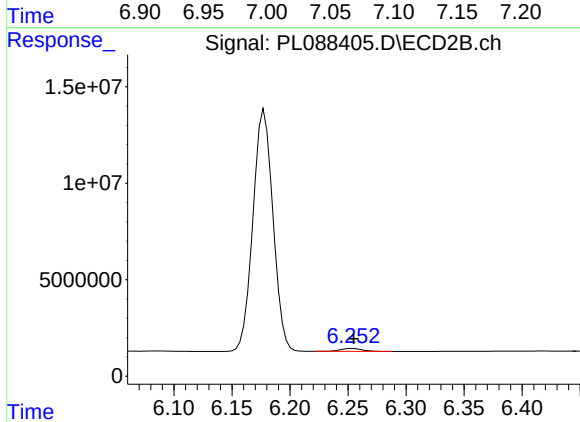
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 150550942
Conc: 110.27 ng/ml



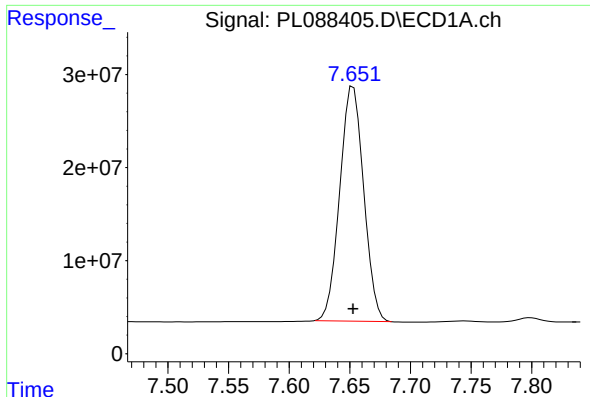
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 2810838
Conc: 1.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 1893000
Conc: 1.73 ng/ml



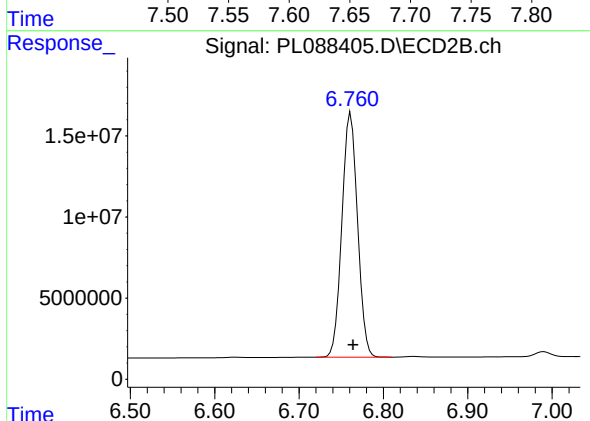
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 346459937
Conc: 261.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

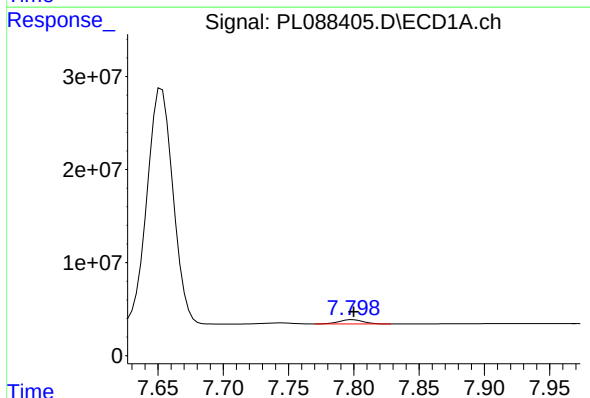
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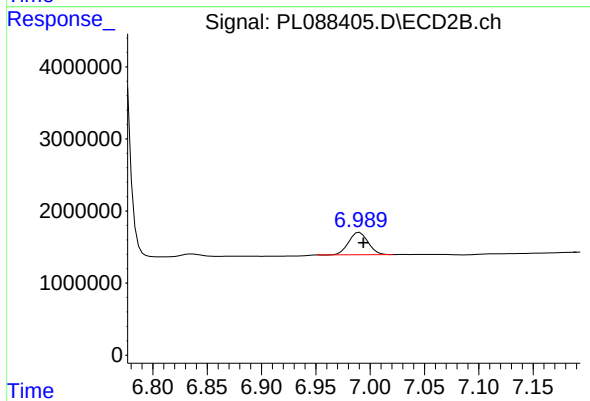
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 194098247
Conc: 247.65 ng/ml



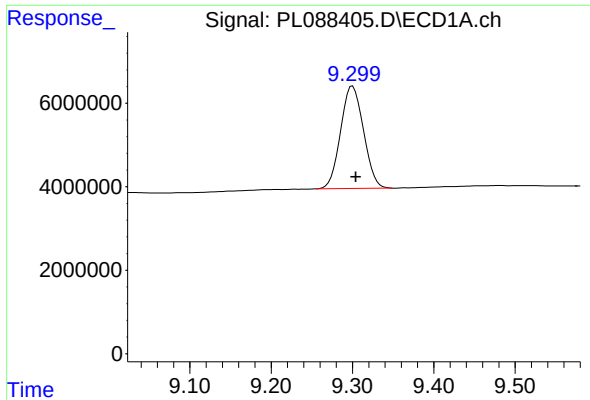
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 5914741
Conc: 2.11 ng/ml



#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 3868820
Conc: 2.31 ng/ml



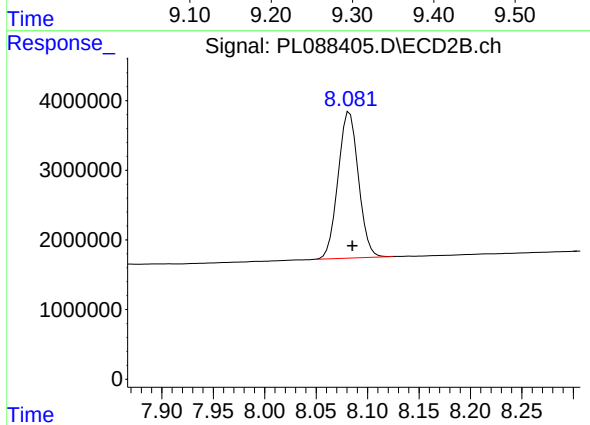
#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 47995106
Conc: 24.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 28974825
Conc: 22.76 ng/ml