

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080123\
 Data File : PL084397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2023 20:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/01/2023
 Supervised By : Ankita Jodhani 08/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 05:32:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080123.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 31 17:26:06 2023
 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...	3.476	2.686	44795090	21119105	19.387	19.317
28)	SA Decachlor...	9.024	7.869	32253080	25287332	21.001	20.680
Target Compounds							
2)	A alpha-BHC	3.933	3.191	31131306	14608818	9.129	8.919
3)	MA gamma-BHC...	4.267	3.522	29781253	13701723	9.103	8.597
6)	B beta-BHC	4.467	3.824	14935401	7016369	10.346	10.108
14)	MA Endrin	6.524	5.563	96529230	58380894	43.908	46.553
16)	A 4,4'-DDD	6.667	5.722	1041777	216078	0.637	0.207m#
17)	MA 4,4'-DDT	6.983	5.975	173.3E6	121.6E6	97.305	102.060
18)	B Endrin al...	6.877	6.043	2336507	1909059	1.414	1.895 #
20)	A Methoxychlor	7.464	6.560	206.4E6	159.2E6	223.432	227.194
21)	B Endrin ke...	7.596	6.769	3251366	3364956	1.633	2.293m#

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

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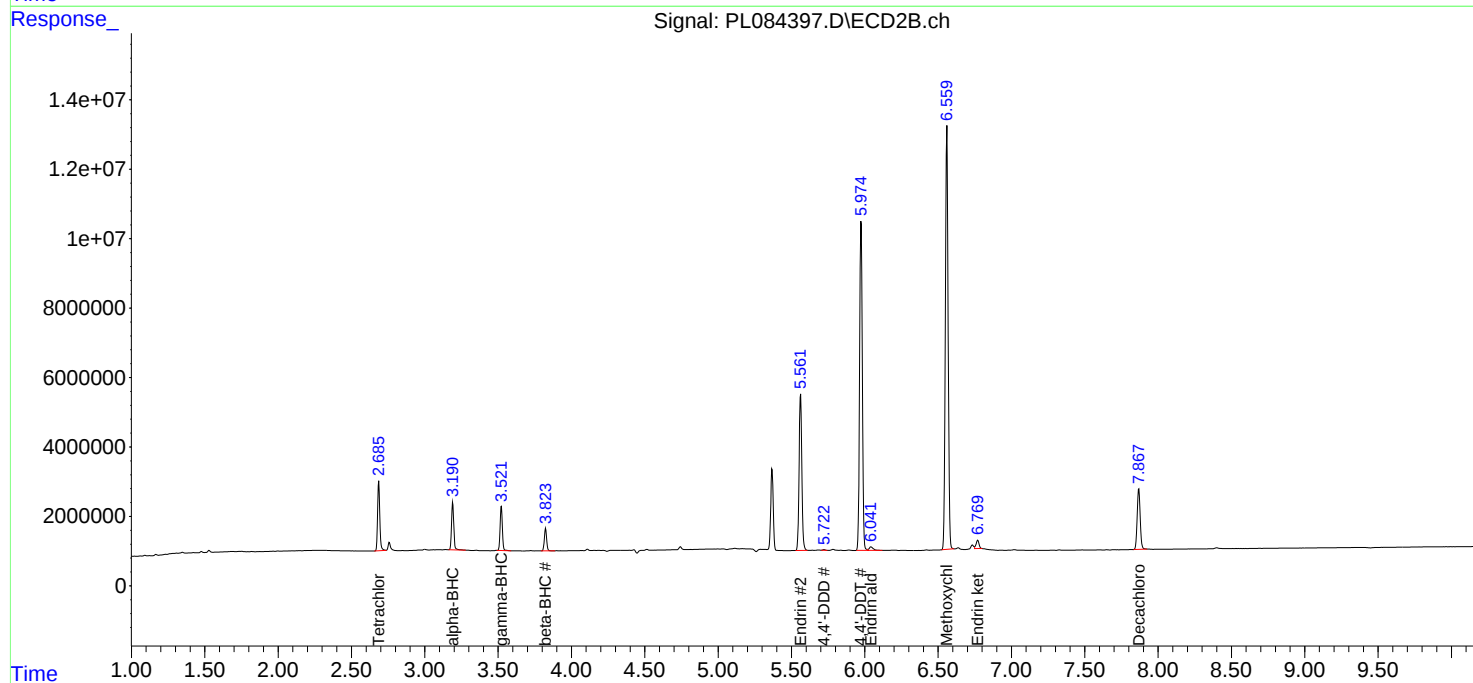
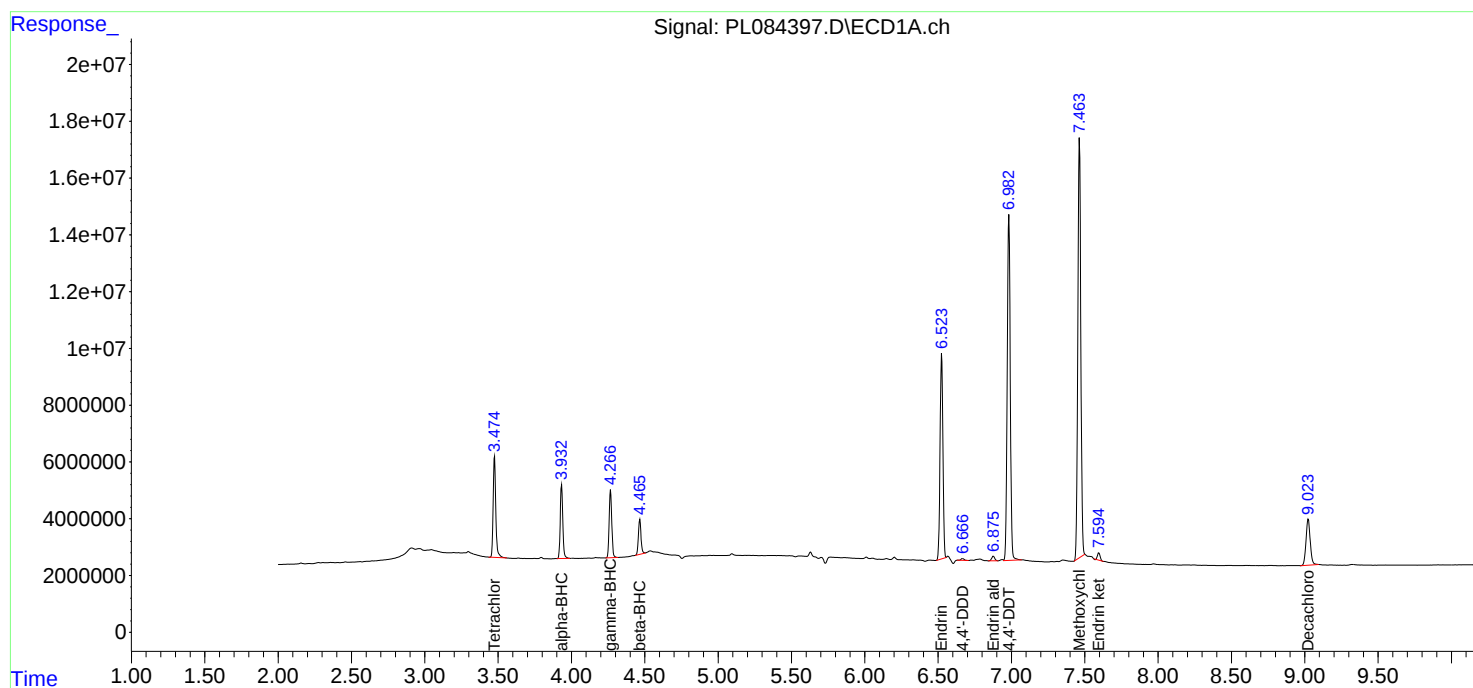
Instrument :
ECD_L
ClientSampleId :
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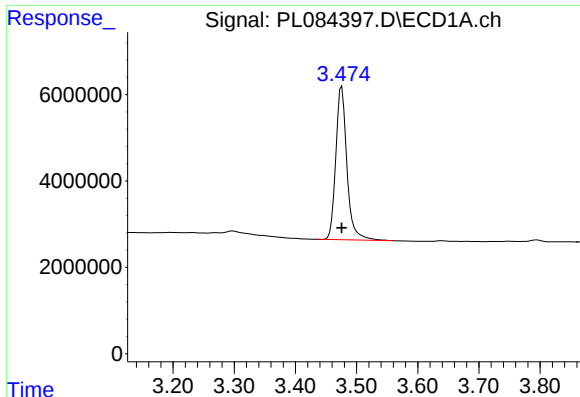
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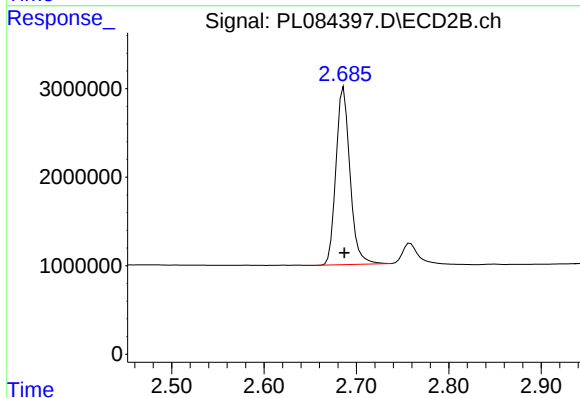
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 44795090
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

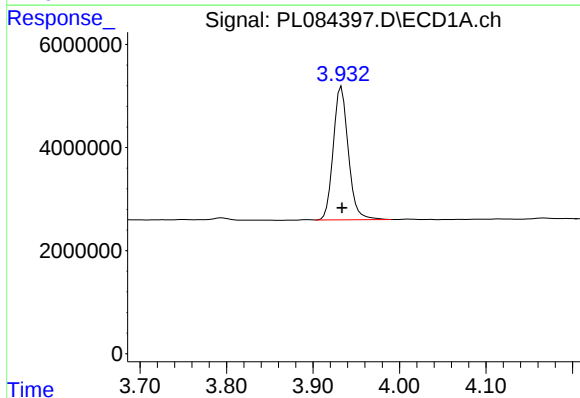
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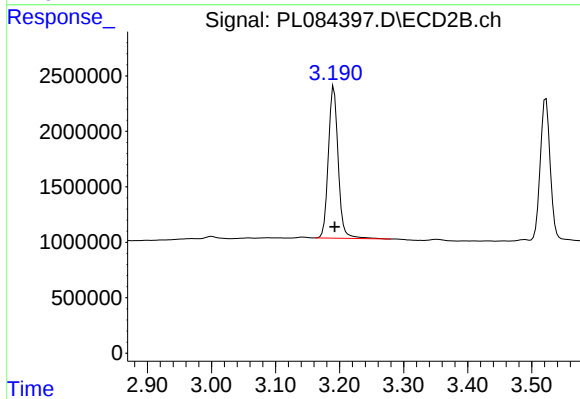
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 21119105
Conc: 19.32 ng/ml



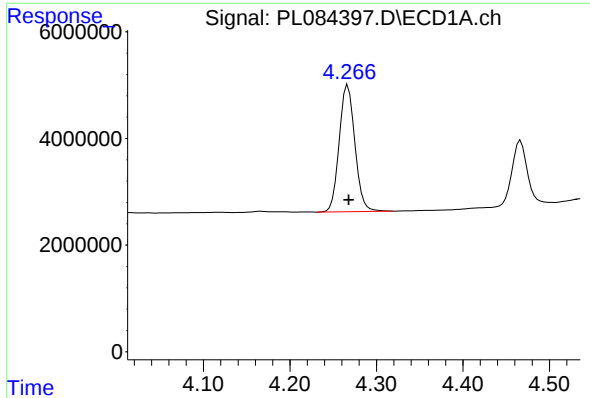
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 31131306
Conc: 9.13 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 14608818
Conc: 8.92 ng/ml



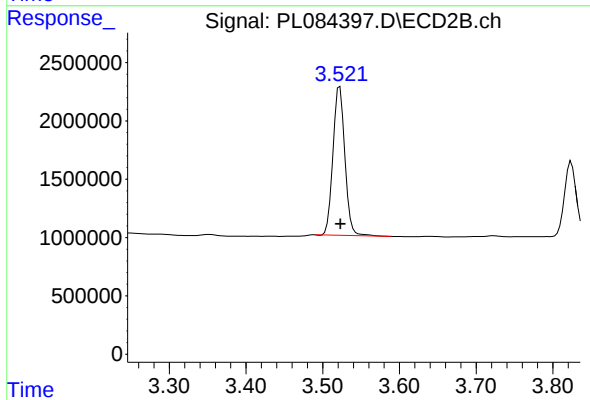
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 29781253
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

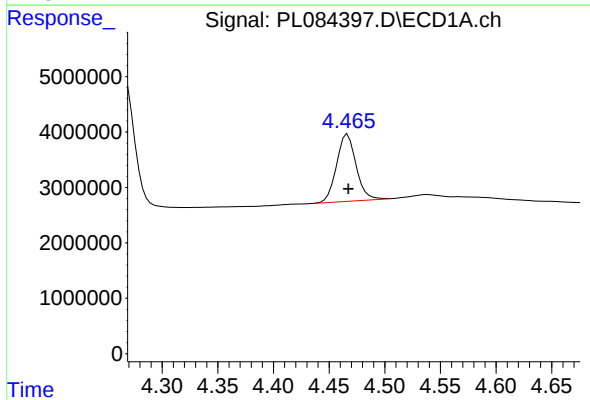
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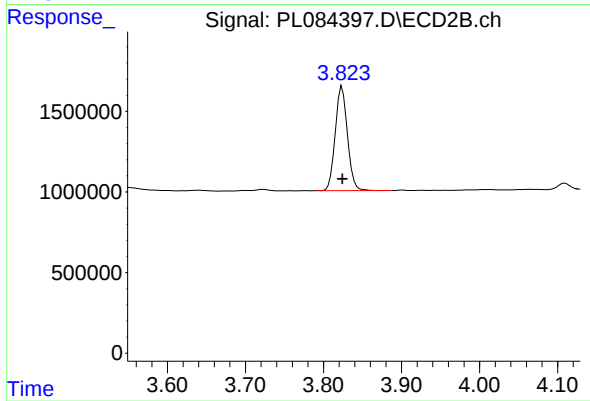
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 13701723
Conc: 8.60 ng/ml



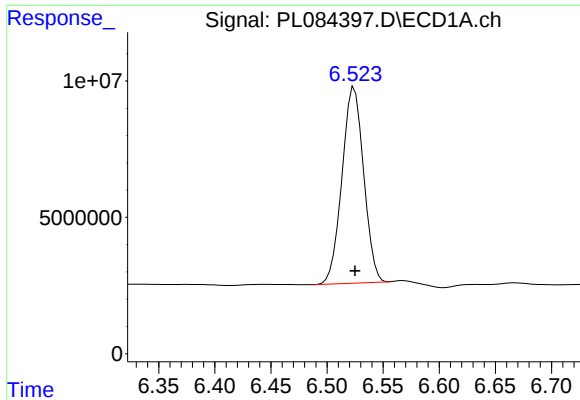
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 14935401
Conc: 10.35 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7016369
Conc: 10.11 ng/ml



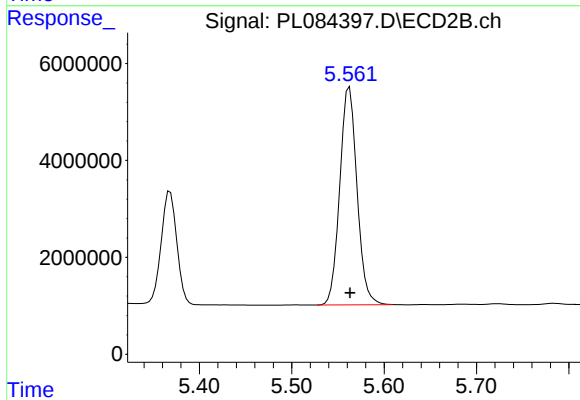
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 96529230
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

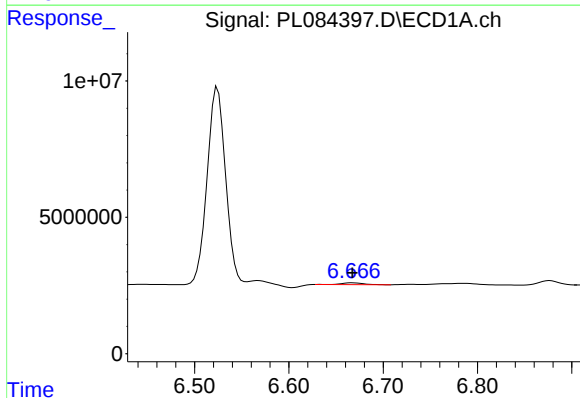
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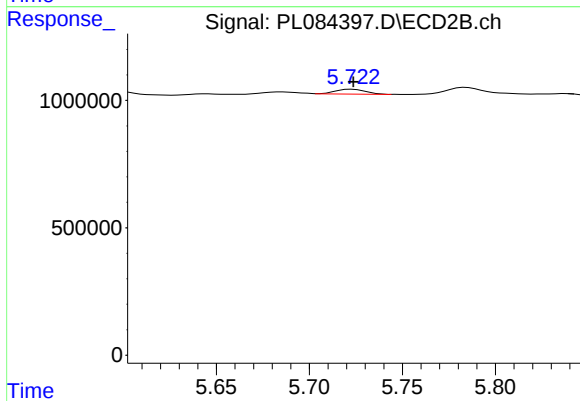
#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 58380894
Conc: 46.55 ng/ml



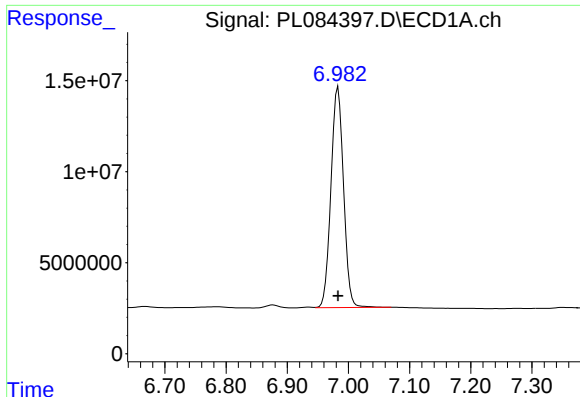
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 1041777
Conc: 0.64 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 216078
Conc: 0.21 ng/ml m



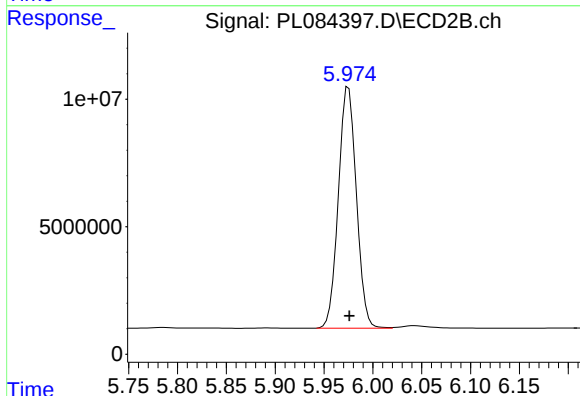
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 173319165
Conc: 97.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

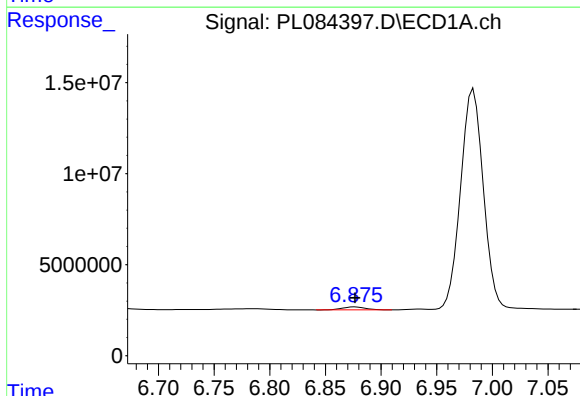
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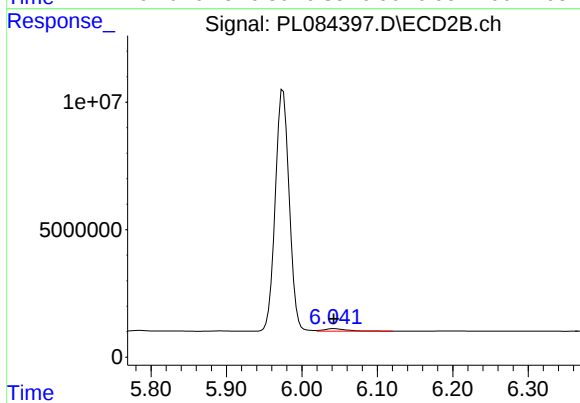
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 121585250
Conc: 102.06 ng/ml



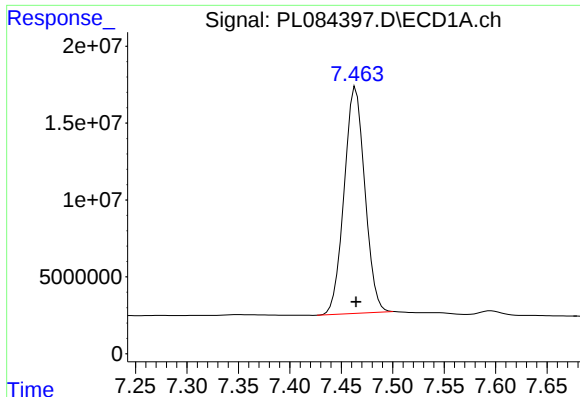
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 2336507
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1909059
Conc: 1.90 ng/ml



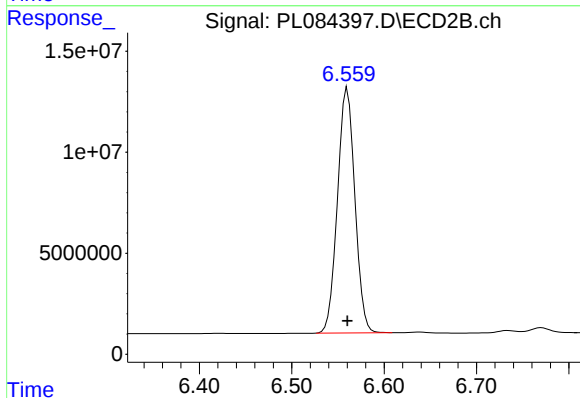
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 206365501
Conc: 223.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

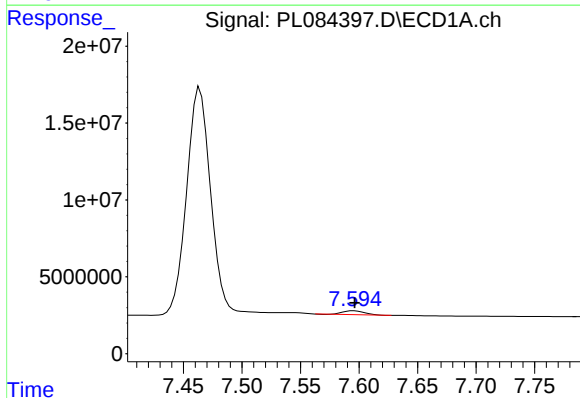
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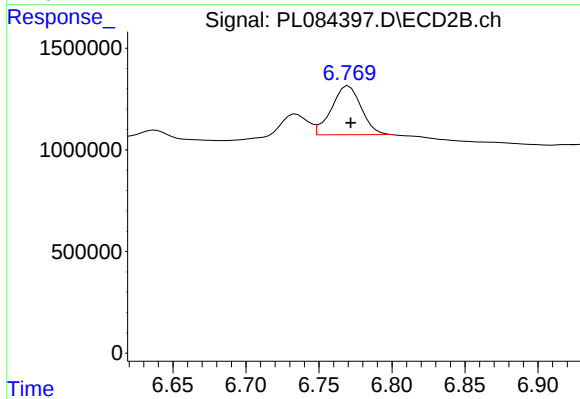
#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 159167584
Conc: 227.19 ng/ml



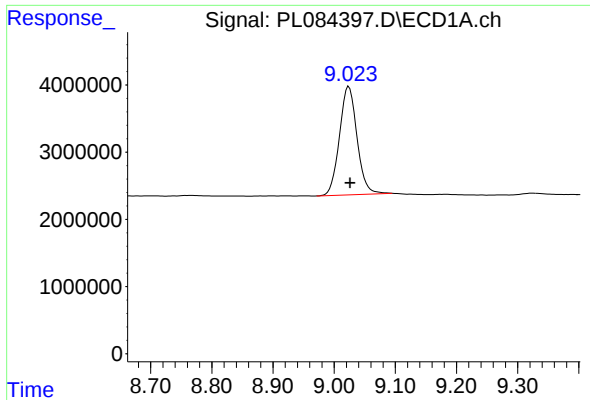
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 3251366
Conc: 1.63 ng/ml



#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 3364956
Conc: 2.29 ng/ml m



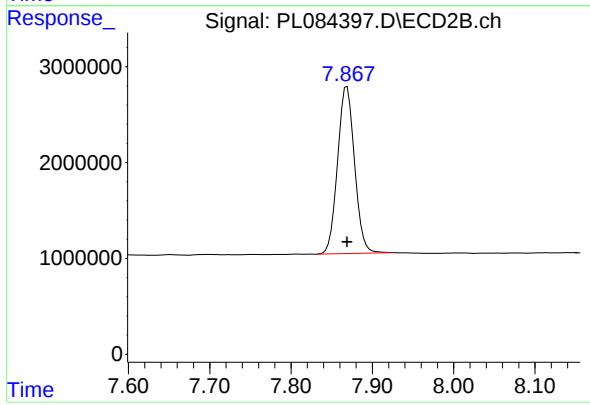
#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 32253080
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 25287332
Conc: 20.68 ng/ml