

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010523\
 Data File : PL080105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2023 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/06/2023
 Supervised By : Ankita Jodhani 01/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 20:21:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.373	2.694	40114329	41597107	20.166	18.294
28)	SA Decachlor...	8.891	7.849	34329947	41545112	20.009	18.389
Target Compounds							
2)	A alpha-BHC	3.825	3.195	25920380	26606740	9.072	7.944
3)	MA gamma-BHC...	4.156	3.524	18542083	26300706	9.435	8.576
6)	B beta-BHC	4.354	3.818	9023651	12540412	9.858	9.347m
14)	MA Endrin	6.408	5.559	68234024	99184303	44.492	44.072
16)	A 4,4'-DDD	6.557	5.711	2914874	2666518	2.215m	1.445m#
17)	MA 4,4'-DDT	6.876	5.964	142.1E6	200.0E6	95.032	98.199
18)	B Endrin al...	6.764	6.035	1419427	3385204	1.168	1.928 #
20)	A Methoxychlor	7.368	6.543	207.5E6	265.2E6	233.370	231.375
21)	B Endrin ke...	7.483	6.759	4381747	5345853	2.462	2.194m

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

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Acq On : 05 Jan 2023 08:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

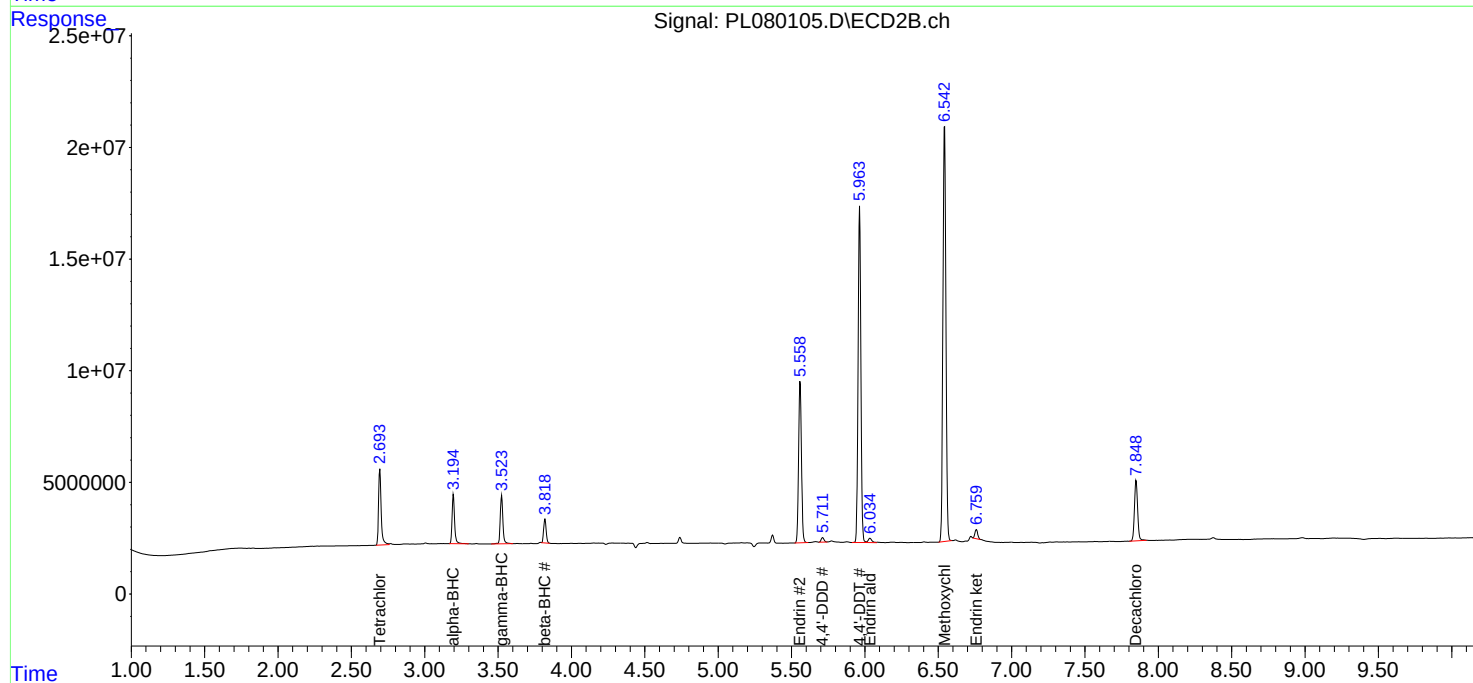
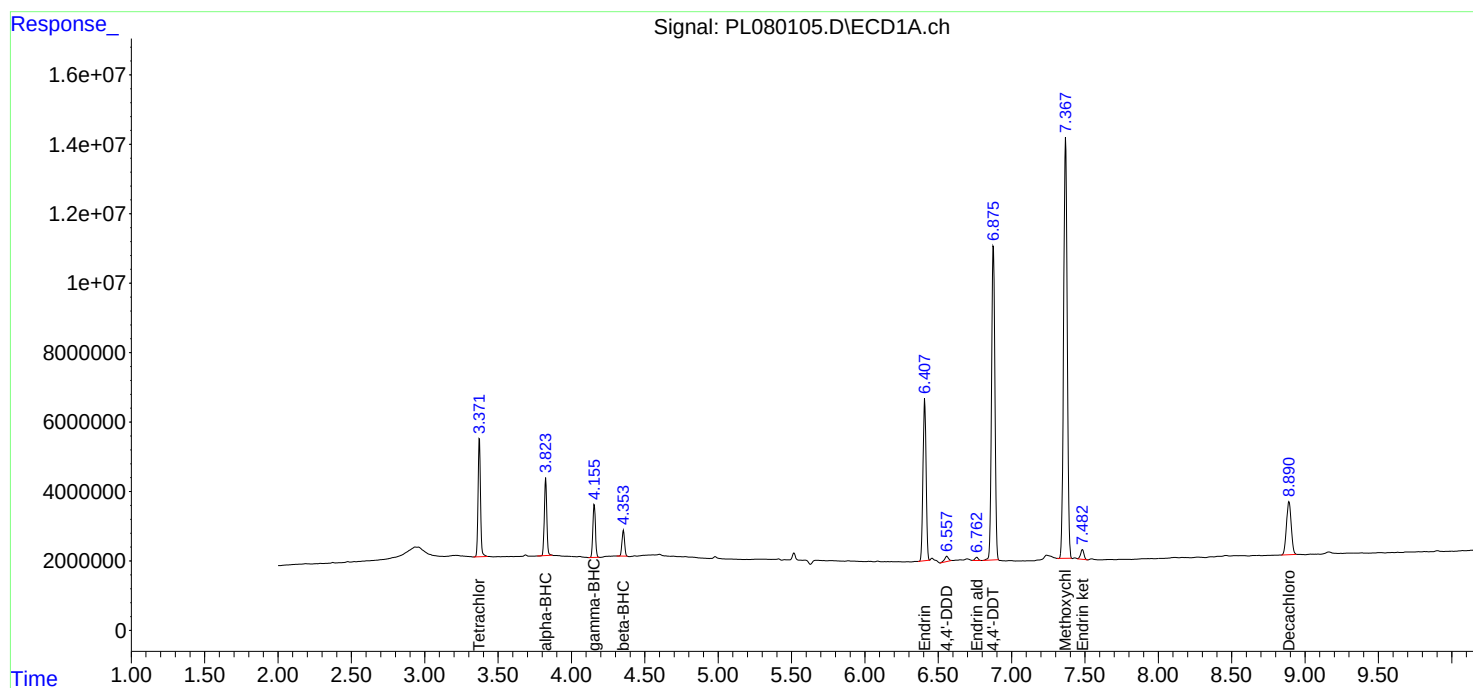
Instrument :
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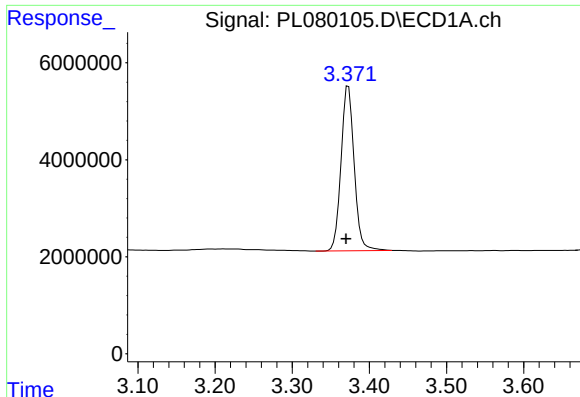
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 05 20:21:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
Quant Title : GC Extractables
QLast Update : Thu Jan 05 05:11:24 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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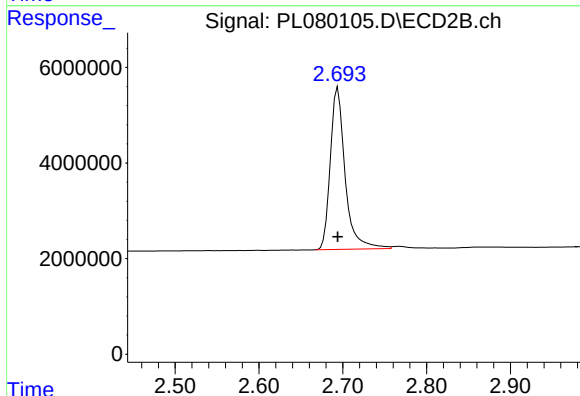
#1 Tetrachloro-m-xylene

R.T.: 3.373 min
Delta R.T.: 0.003 min
Response: 40114329
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

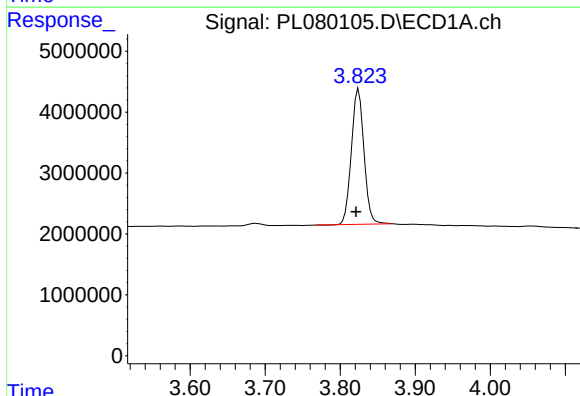
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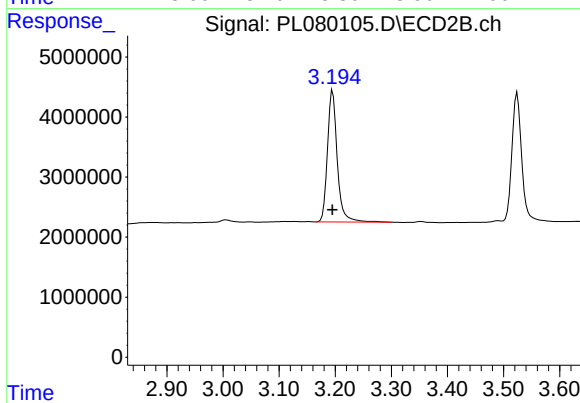
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: 0.000 min
Response: 41597107
Conc: 18.29 ng/ml



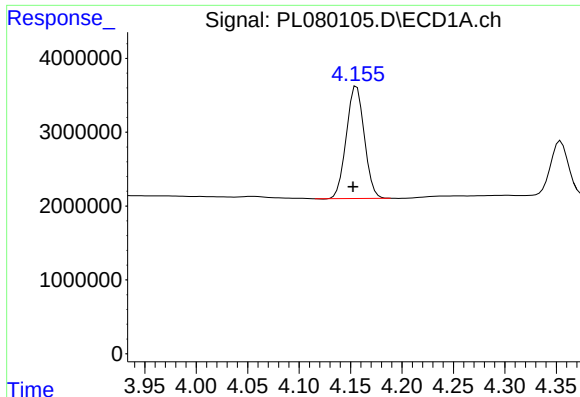
#2 alpha-BHC

R.T.: 3.825 min
Delta R.T.: 0.003 min
Response: 25920380
Conc: 9.07 ng/ml



#2 alpha-BHC

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 26606740
Conc: 7.94 ng/ml



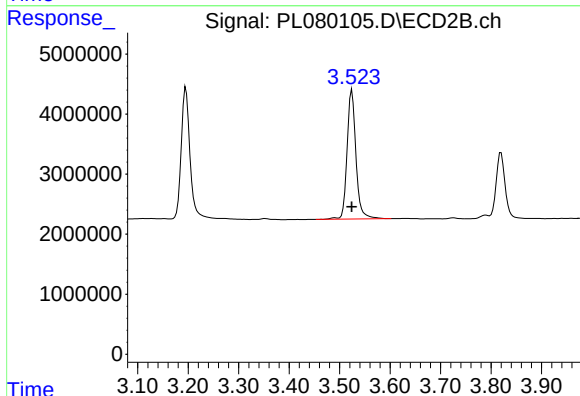
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: 0.004 min
Response: 18542083
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

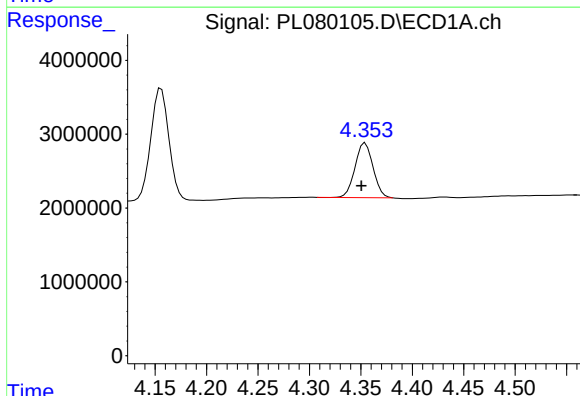
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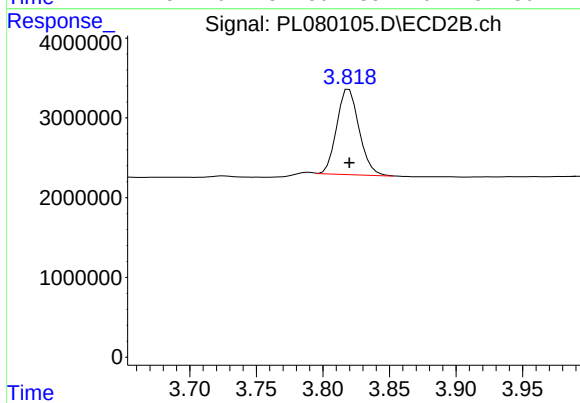
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 26300706
Conc: 8.58 ng/ml



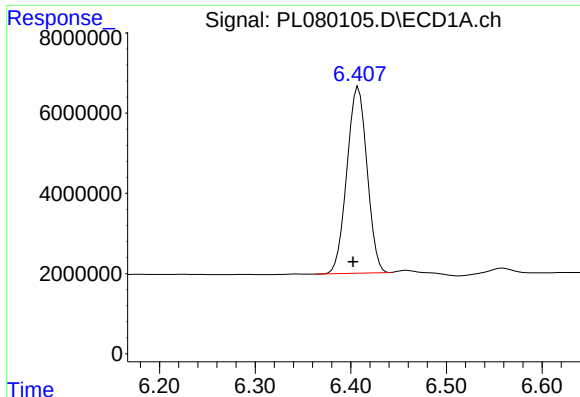
#6 beta-BHC

R.T.: 4.354 min
Delta R.T.: 0.004 min
Response: 9023651
Conc: 9.86 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.002 min
Response: 12540412
Conc: 9.35 ng/ml m



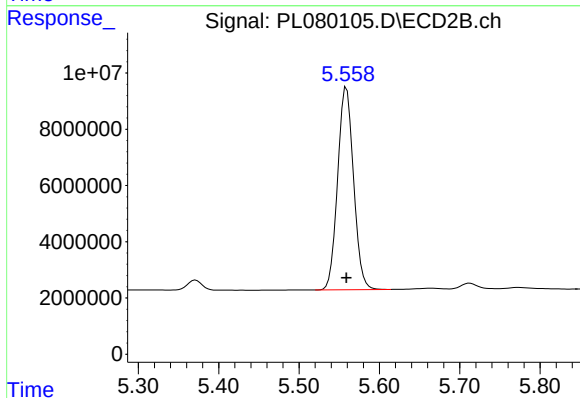
#14 Endrin

R.T.: 6.408 min
Delta R.T.: 0.006 min
Response: 68234024
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

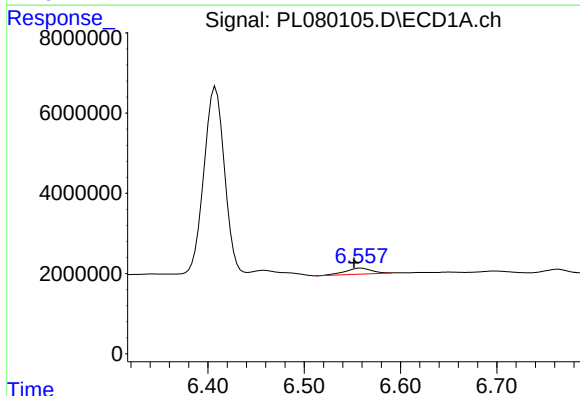
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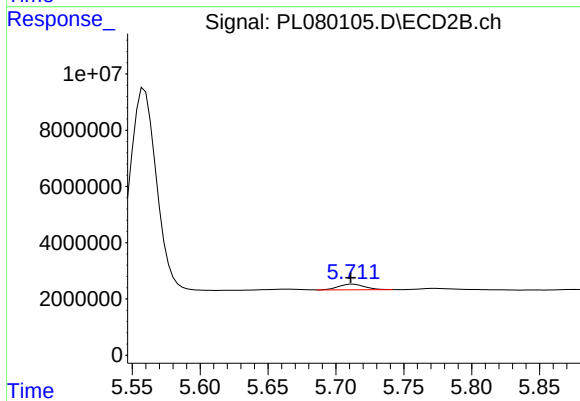
#14 Endrin

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 99184303
Conc: 44.07 ng/ml



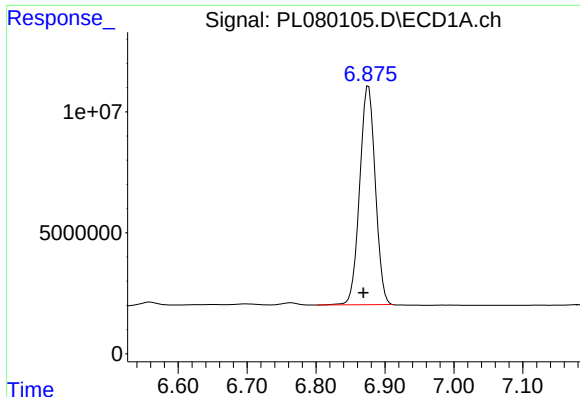
#16 4,4'-DDD

R.T.: 6.557 min
Delta R.T.: 0.005 min
Response: 2914874
Conc: 2.21 ng/ml m



#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 2666518
Conc: 1.44 ng/ml m



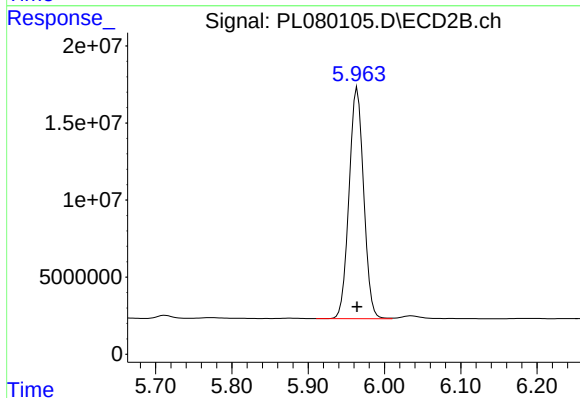
#17 4,4'-DDT

R.T.: 6.876 min
Delta R.T.: 0.007 min
Response: 142070309
Conc: 95.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

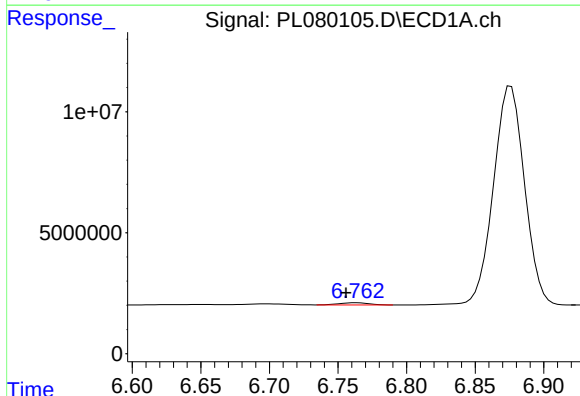
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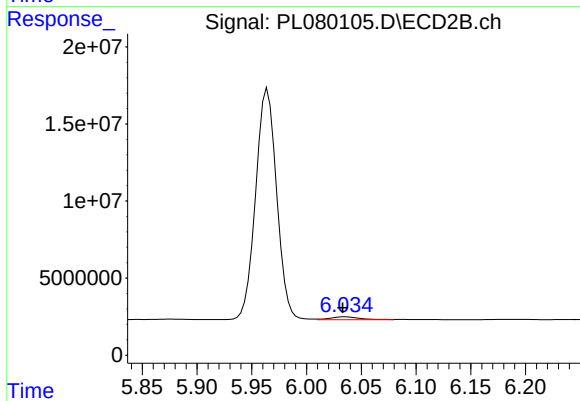
#17 4,4'-DDT

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 199954090
Conc: 98.20 ng/ml



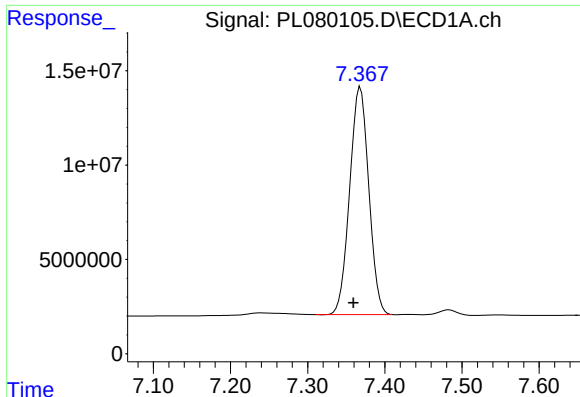
#18 Endrin aldehyde

R.T.: 6.764 min
Delta R.T.: 0.008 min
Response: 1419427
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 3385204
Conc: 1.93 ng/ml



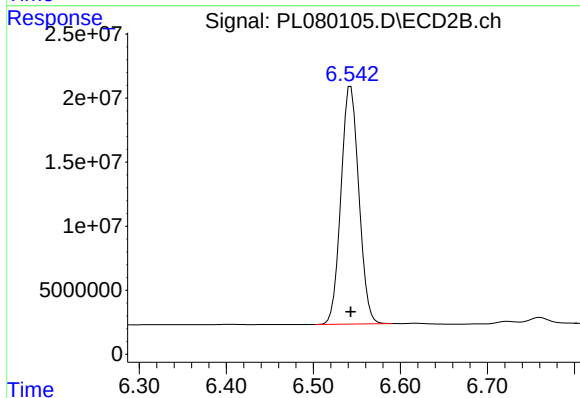
#20 Methoxychlor

R.T.: 7.368 min
Delta R.T.: 0.009 min
Response: 207526898
Conc: 233.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

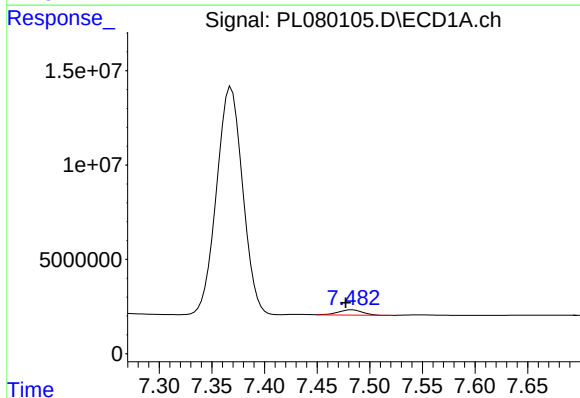
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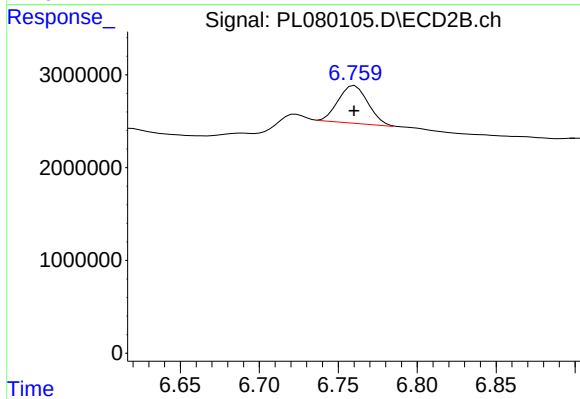
#20 Methoxychlor

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 265173313
Conc: 231.37 ng/ml



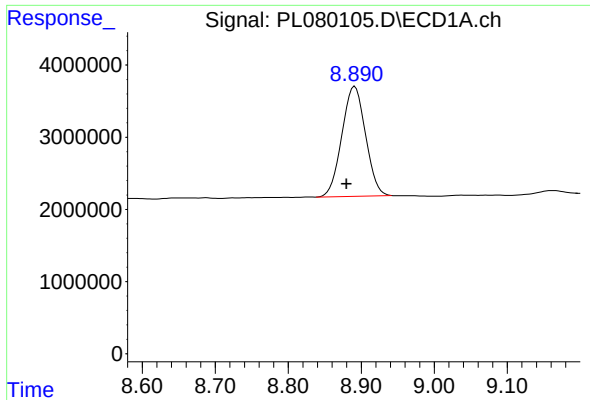
#21 Endrin ketone

R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 4381747
Conc: 2.46 ng/ml



#21 Endrin ketone

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 5345853
Conc: 2.19 ng/ml m



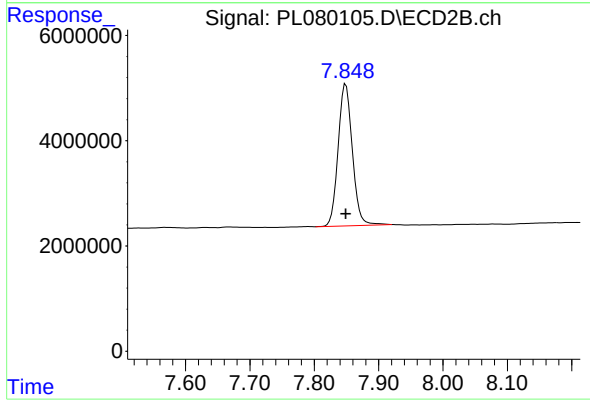
#28 Decachlorobiphenyl

R.T.: 8.891 min
Delta R.T.: 0.011 min
Response: 34329947
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.849 min
Delta R.T.: 0.000 min
Response: 41545112
Conc: 18.39 ng/ml