

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 15:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/13/2023
 Supervised By : Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:53:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.352	2.688	42964251	43089843	20.032	19.618
28)	SA Decachlor...	8.788	7.833	33376745	40639994	19.064	17.057
Target Compounds							
2)	A alpha-BHC	3.799	3.188	29428818	27546963	9.289	8.661
3)	MA gamma-BHC...	4.128	3.516	28483362	26625979	9.689	8.913
6)	B beta-BHC	4.325	3.813	15732289	13542372	11.525	10.147
14)	MA Endrin	6.358	5.547	92831088	99579258	42.924	42.901
16)	A 4,4'-DDD	6.501	5.699	10457643	9614037	5.708	5.116
17)	MA 4,4'-DDT	6.814	5.951	168.5E6	180.1E6	81.119	85.715
18)	B Endrin al...	6.706	6.023	2701834	4145700	1.624	2.270 #
20)	A Methoxychlor	7.292	6.528	226.0E6	243.7E6	204.866	200.810m
21)	B Endrin ke...	7.420	6.748	6354490	7712810	2.880	3.021

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

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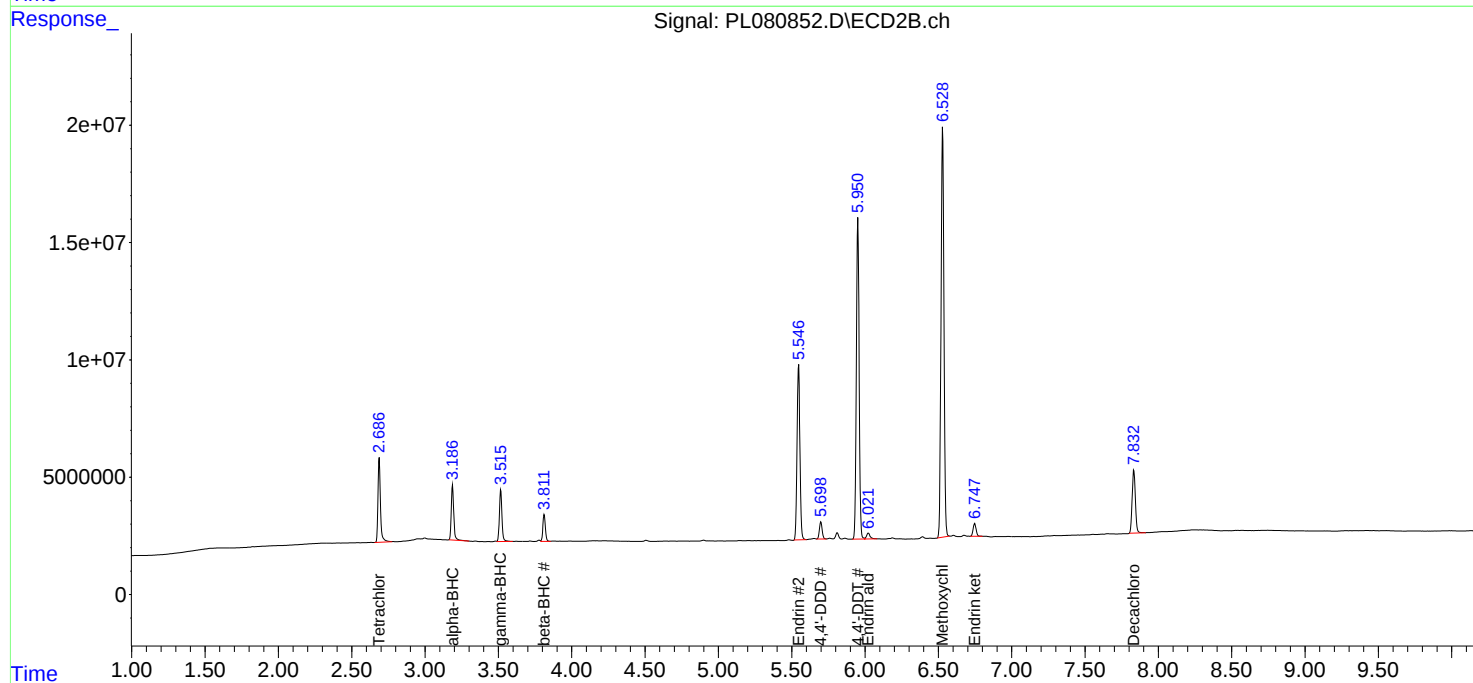
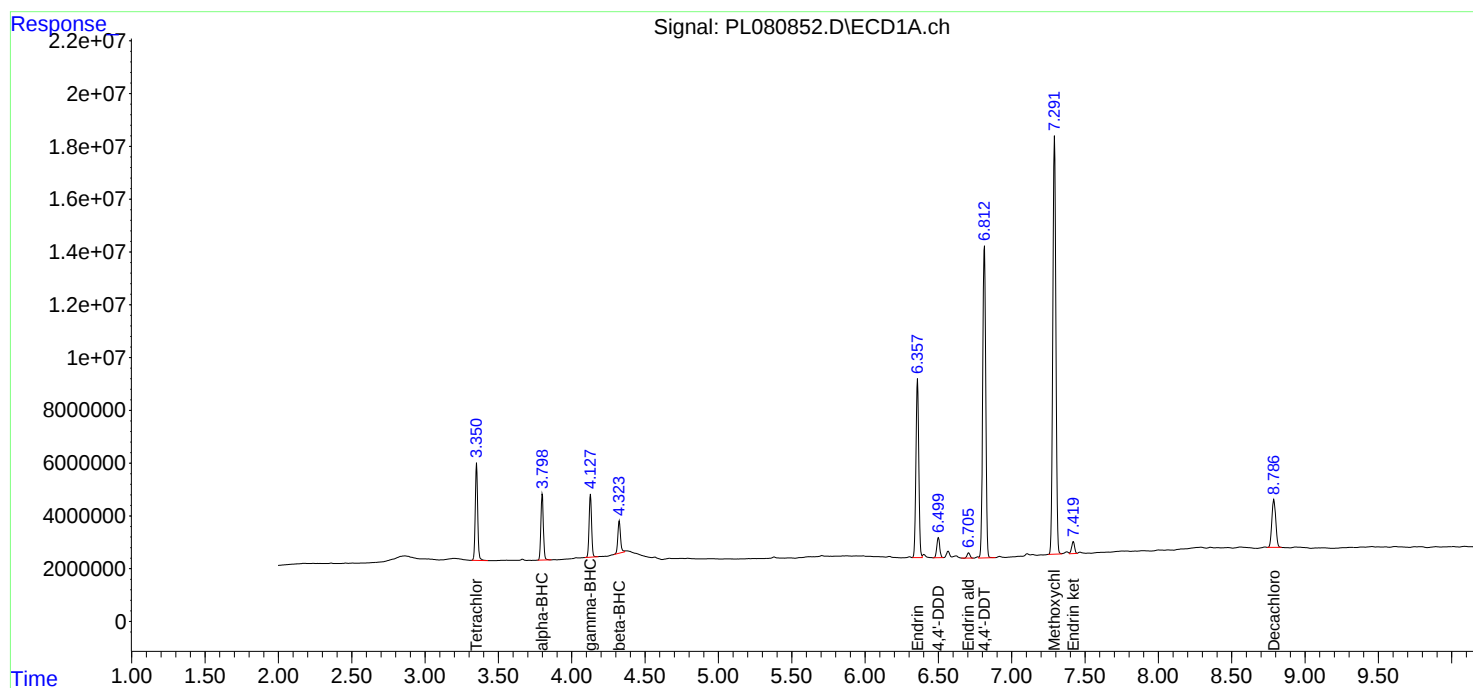
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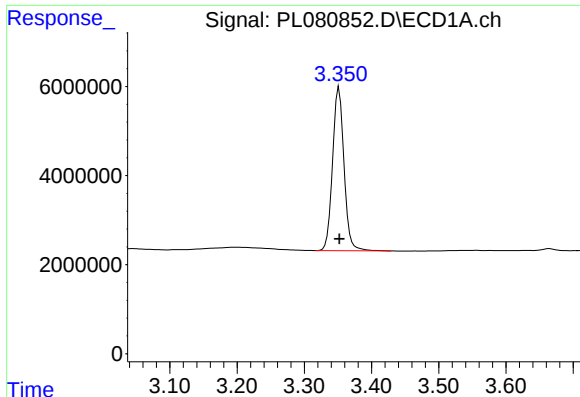
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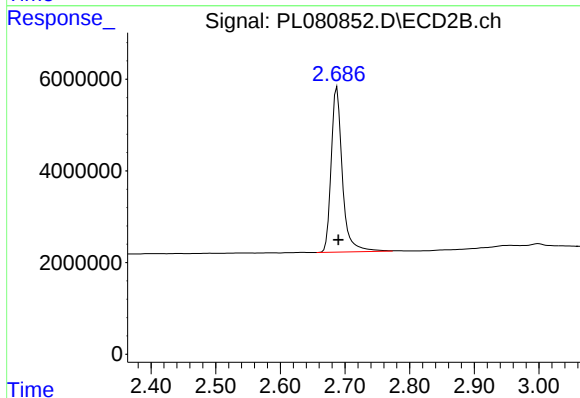
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 42964251
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

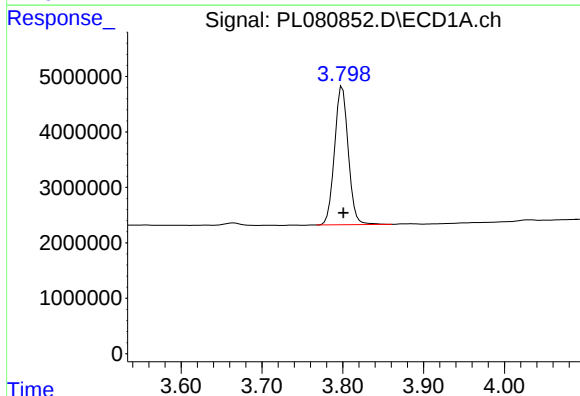
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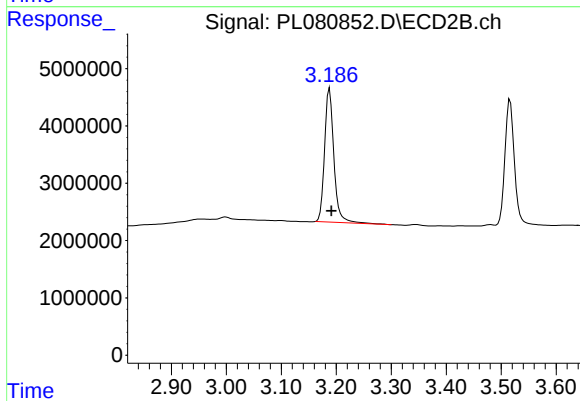
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 43089843
Conc: 19.62 ng/ml



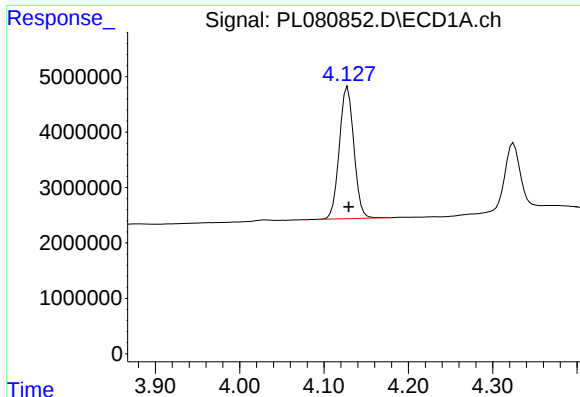
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 29428818
Conc: 9.29 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 27546963
Conc: 8.66 ng/ml



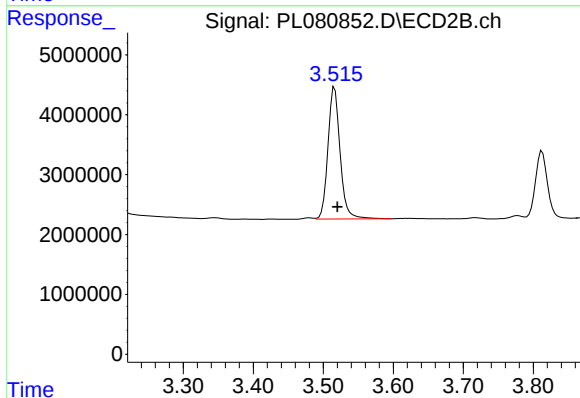
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 28483362
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

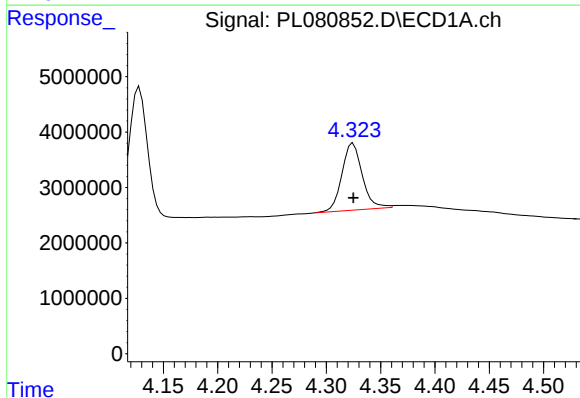
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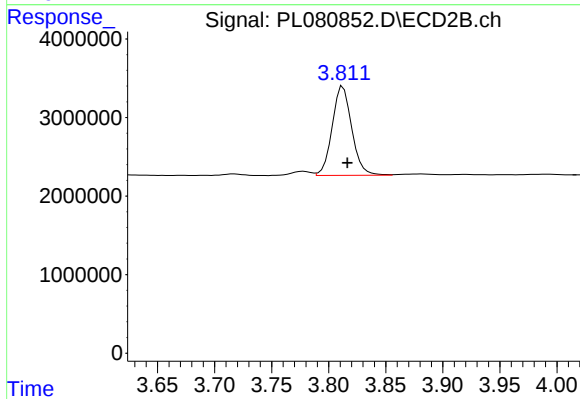
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 26625979
Conc: 8.91 ng/ml



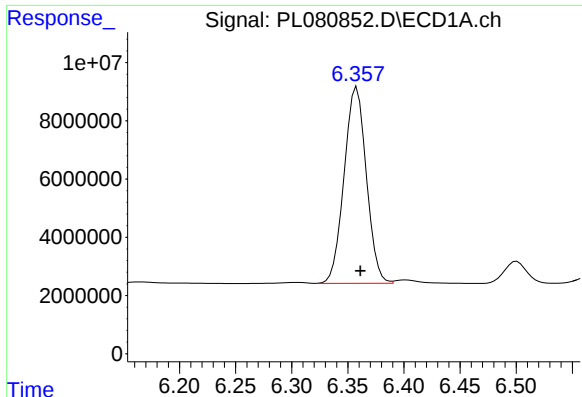
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 15732289
Conc: 11.53 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 13542372
Conc: 10.15 ng/ml



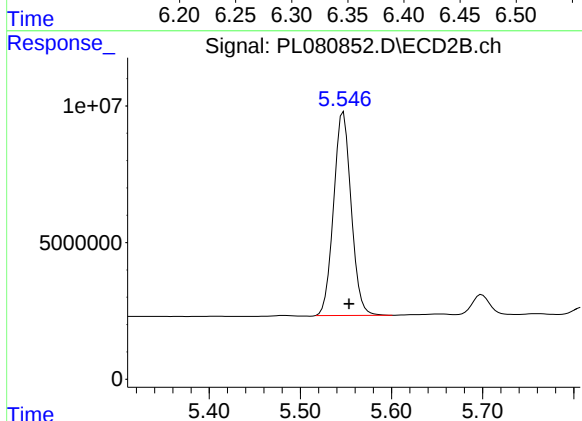
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 92831088
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

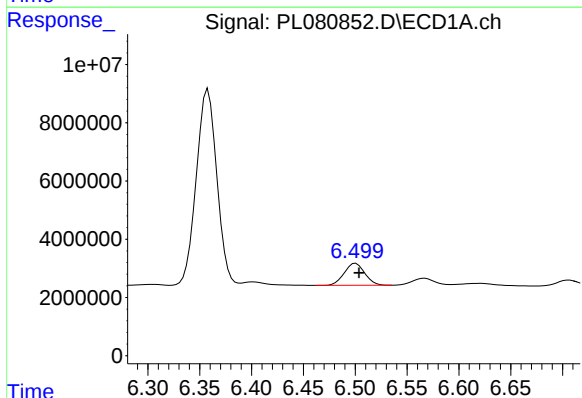
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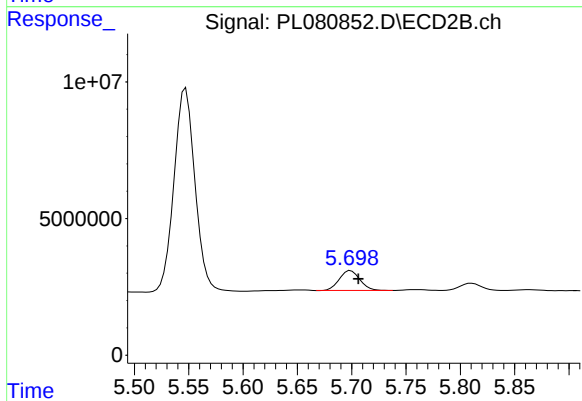
#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.006 min
Response: 99579258
Conc: 42.90 ng/ml



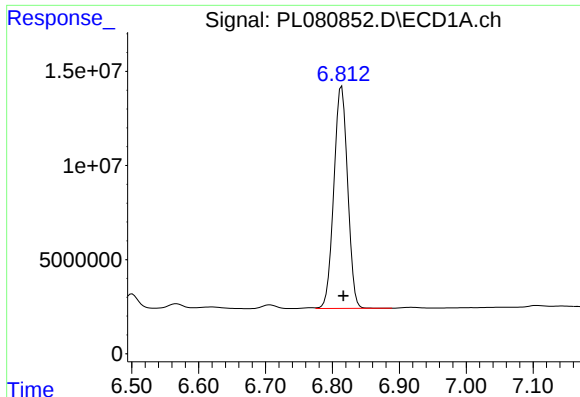
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 10457643
Conc: 5.71 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 9614037
Conc: 5.12 ng/ml



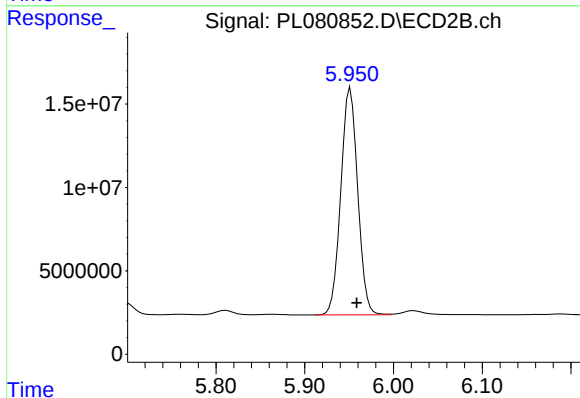
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 168537895
Conc: 81.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

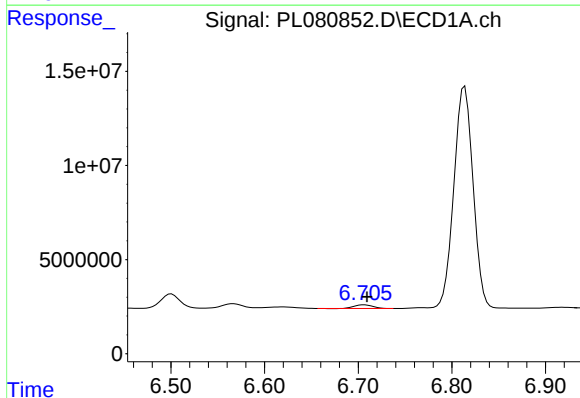
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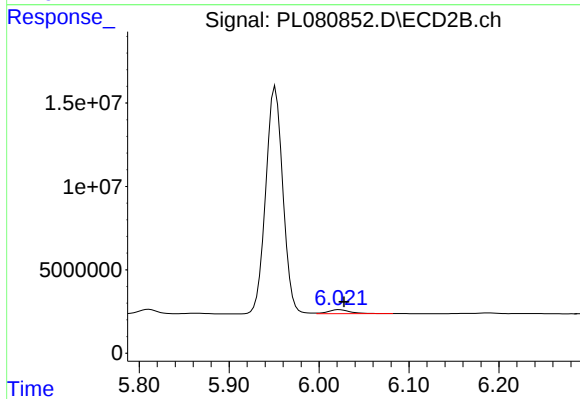
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 180128379
Conc: 85.71 ng/ml



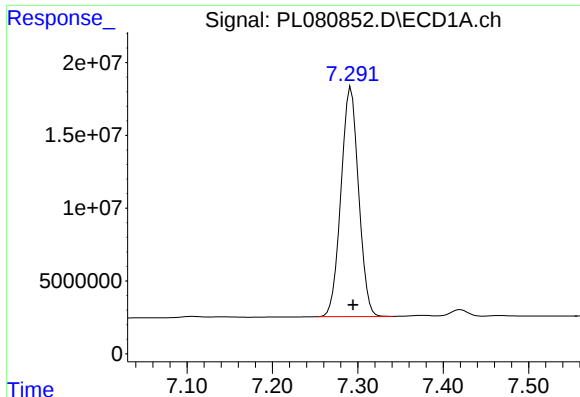
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 2701834
Conc: 1.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 4145700
Conc: 2.27 ng/ml



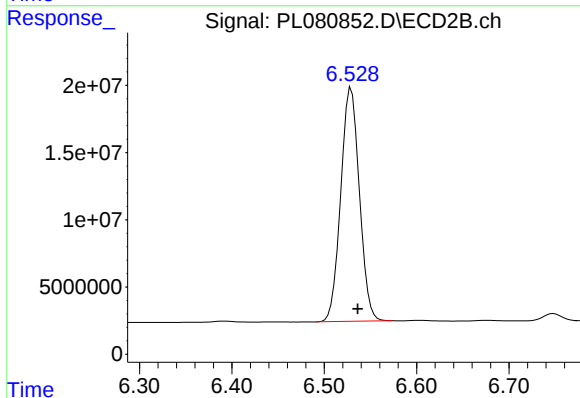
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 226026345
Conc: 204.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

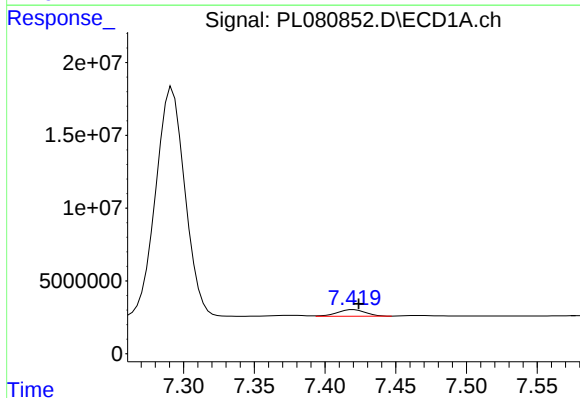
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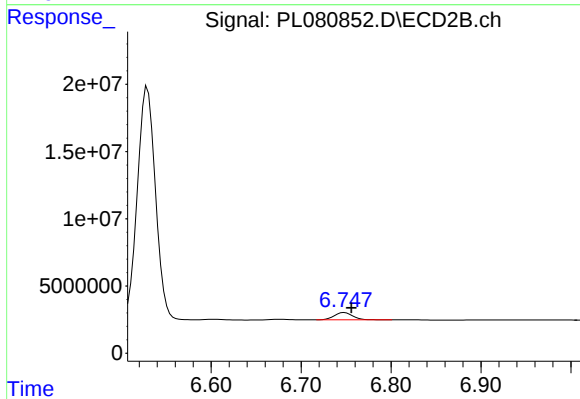
#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 243675750
Conc: 200.81 ng/ml m



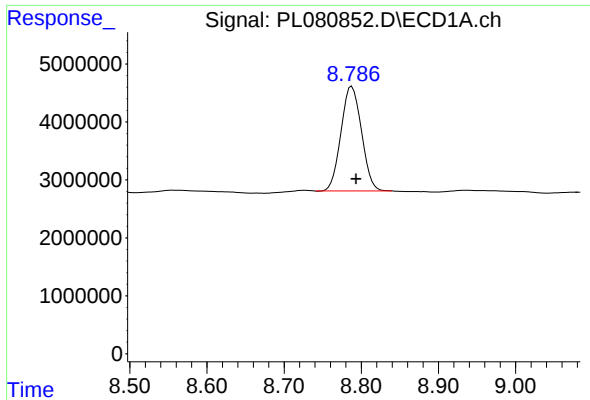
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 6354490
Conc: 2.88 ng/ml



#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 7712810
Conc: 3.02 ng/ml



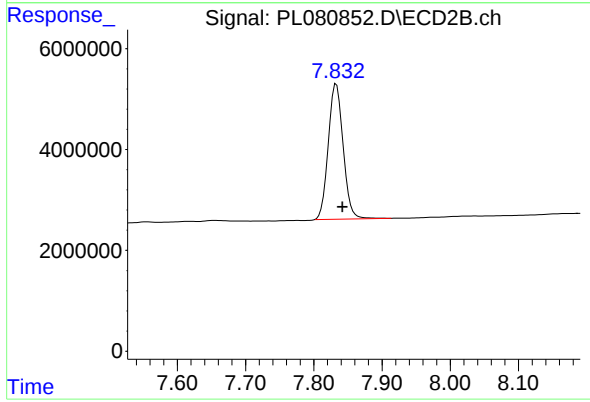
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 33376745
Conc: 19.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 40639994
Conc: 17.06 ng/ml