

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 18:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :Ankita Jodhani 12/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:38:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.609	55061635	15347144	17.222	16.875
28)	SA Decachlor...	8.844	7.761	50265068	20470587	18.828	18.566
Target Compounds							
2)	A alpha-BHC	3.795	3.107	38354052	9858973	8.284	7.763
3)	MA gamma-BHC...	4.127	3.434	36625093	9401098	8.372	7.694
6)	B beta-BHC	4.332	3.737	18099796	5262127	9.676	9.946
12)	B 4,4'-DDE	6.005	5.066	1087297	200753	0.360m	0.219m#
14)	MA Endrin	6.375	5.459	121.0E6	39345086	46.946	46.683
16)	A 4,4'-DDD	6.526	5.623	4663498	1294863	1.992	1.677
17)	MA 4,4'-DDT	6.841	5.873	243.7E6	81958481	94.937	101.627
18)	B Endrin al...	6.731	5.940	5653993	2851993	2.650	4.082 #
20)	A Methoxychlor	7.328	6.459	310.2E6	115.8E6	234.897	225.041
21)	B Endrin ke...	7.447	6.665	7368519	3521421	2.465	3.085 #

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

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Acq On : 04 Dec 2023 18:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

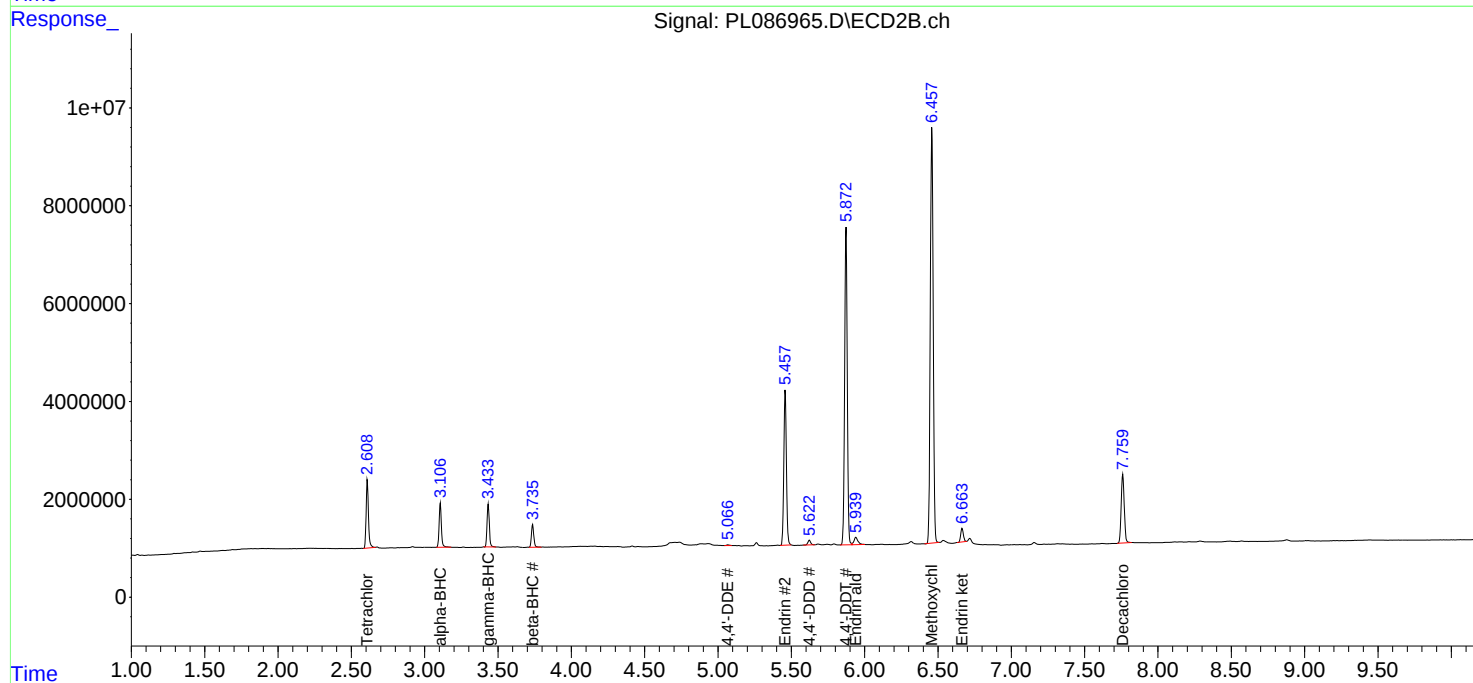
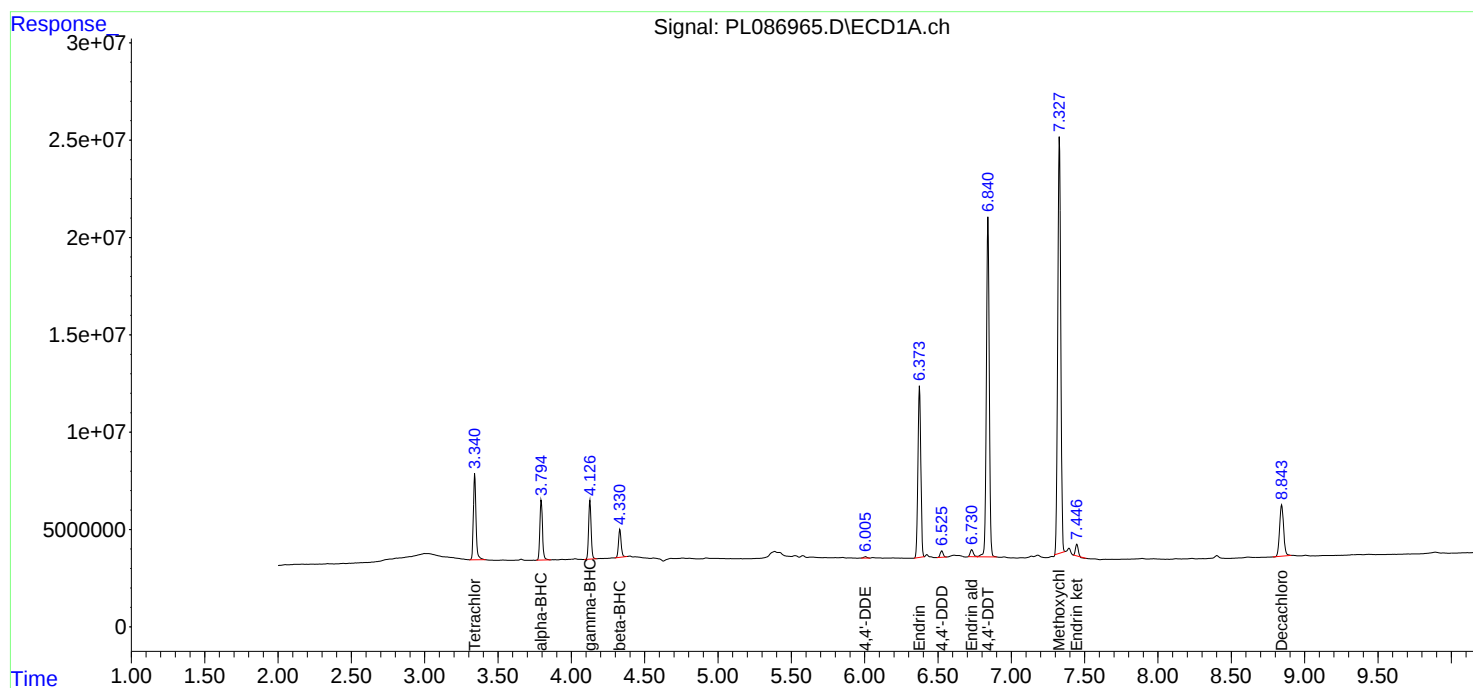
Instrument :
ECD_L
ClientSampleId :
PEM

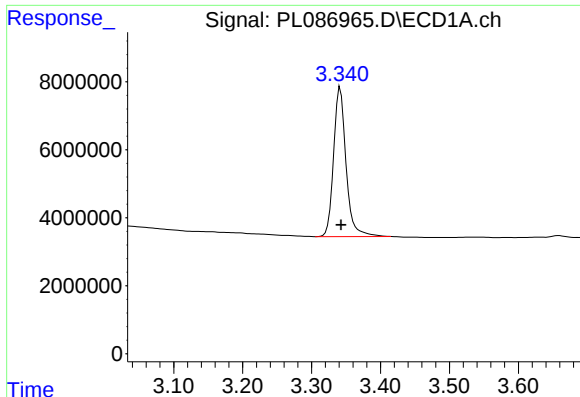
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Integration File signal 1: autoint1.e
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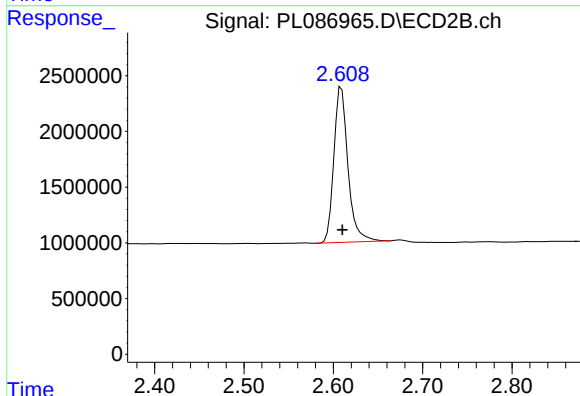
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: -0.001 min
Response: 55061635
Conc: 17.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

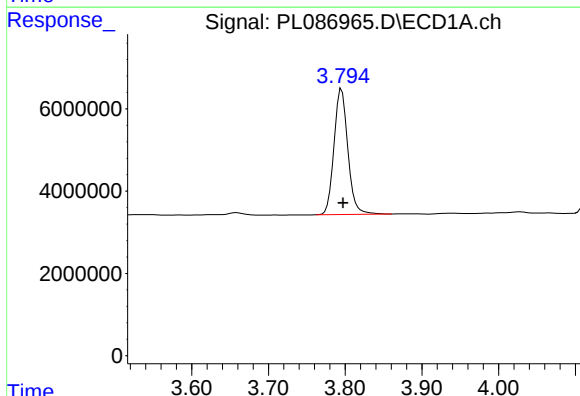
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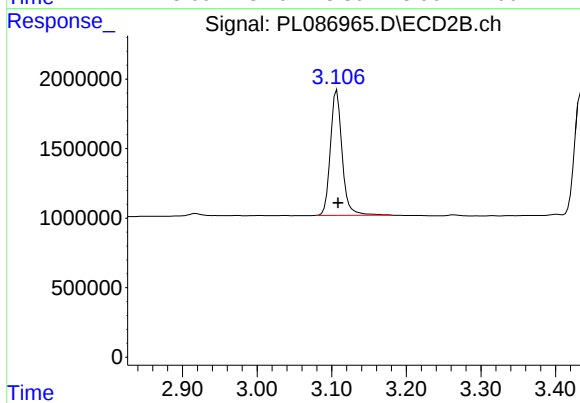
#1 Tetrachloro-m-xylene

R.T.: 2.609 min
Delta R.T.: -0.001 min
Response: 15347144
Conc: 16.87 ng/ml



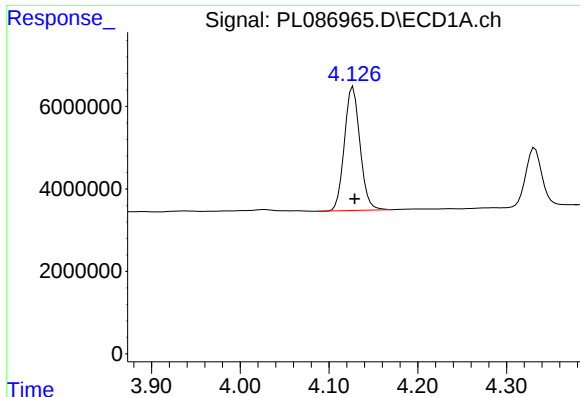
#2 alpha-BHC

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 38354052
Conc: 8.28 ng/ml



#2 alpha-BHC

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 9858973
Conc: 7.76 ng/ml



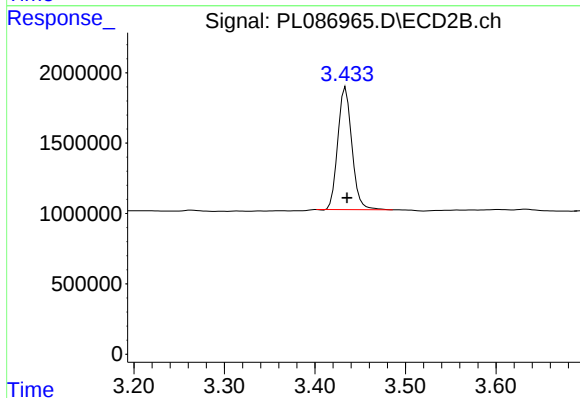
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 36625093
Conc: 8.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

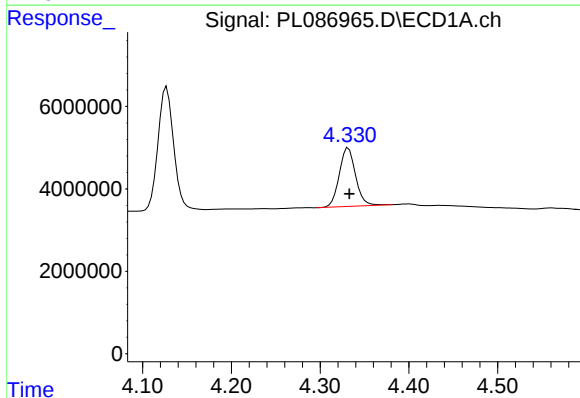
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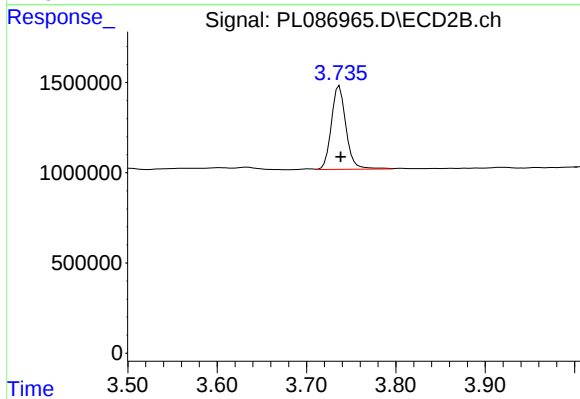
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.002 min
Response: 9401098
Conc: 7.69 ng/ml



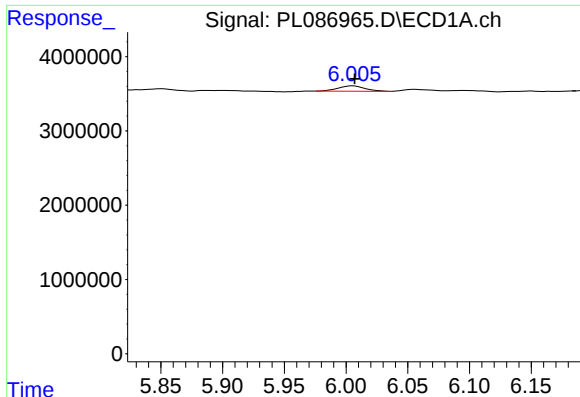
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 18099796
Conc: 9.68 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 5262127
Conc: 9.95 ng/ml



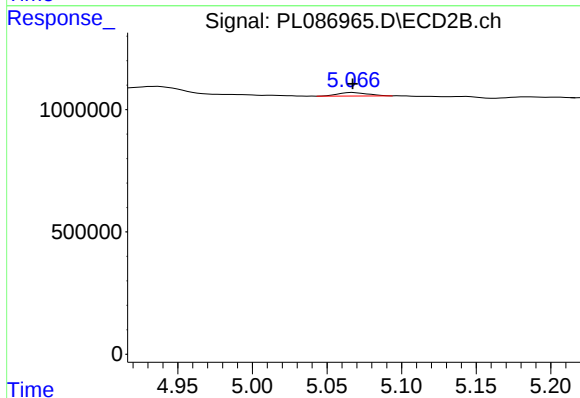
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: -0.003 min
Response: 1087297
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

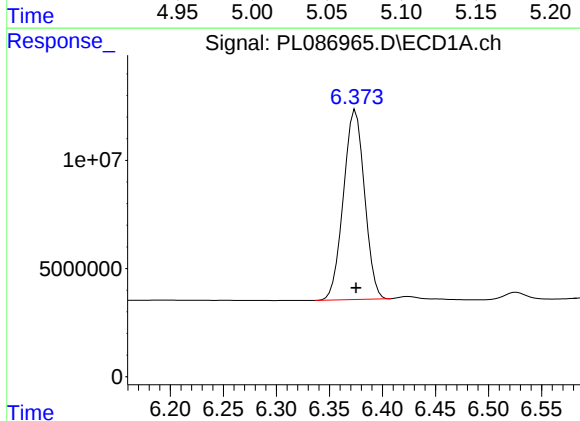
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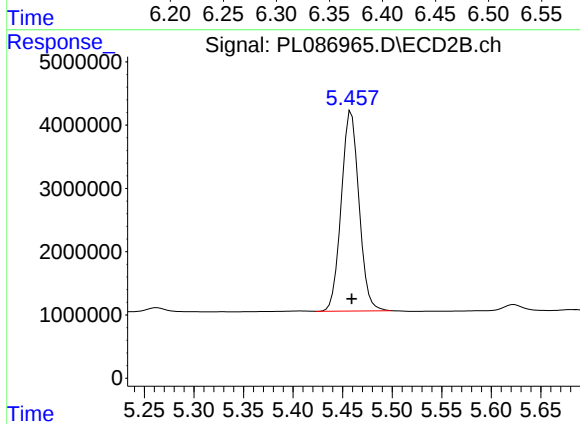
#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 200753
Conc: 0.22 ng/ml m



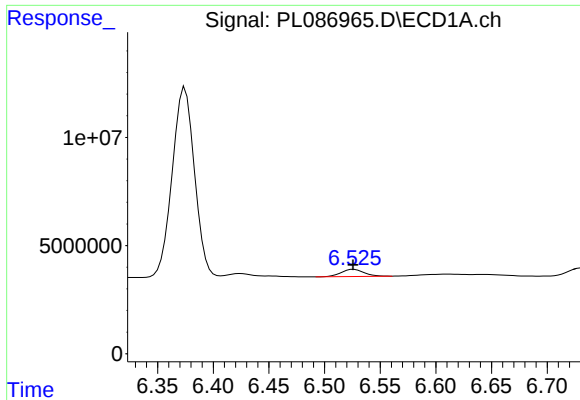
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 121012131
Conc: 46.95 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 39345086
Conc: 46.68 ng/ml



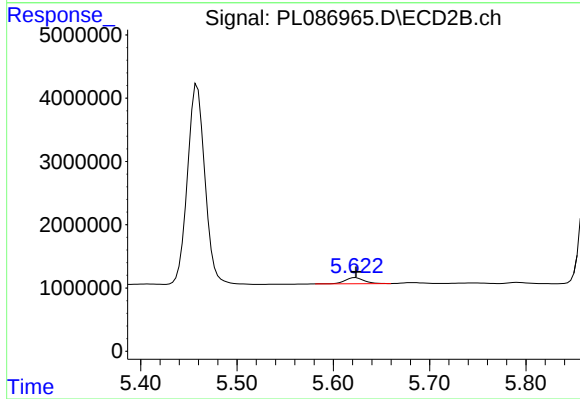
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 4663498
Conc: 1.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

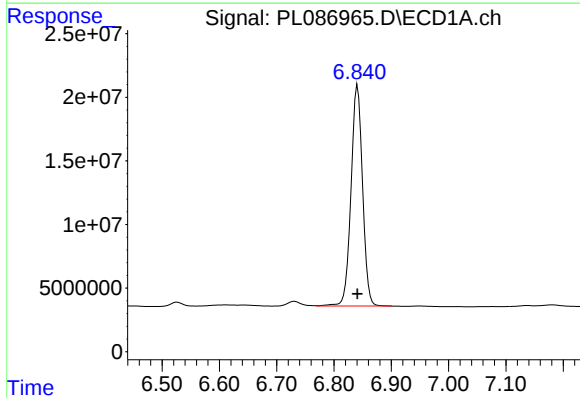
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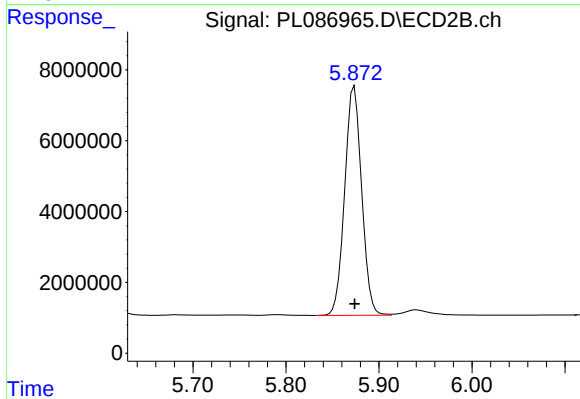
#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 1294863
Conc: 1.68 ng/ml



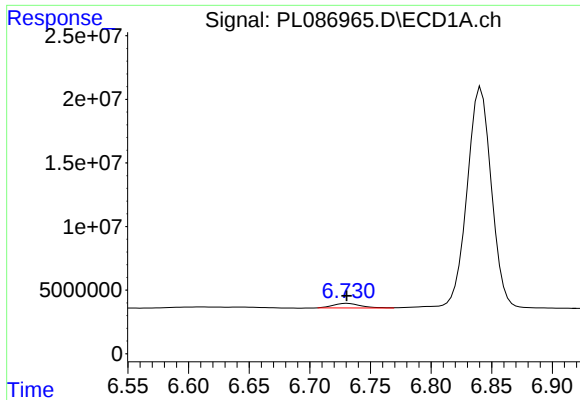
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 243671689
Conc: 94.94 ng/ml



#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 81958481
Conc: 101.63 ng/ml



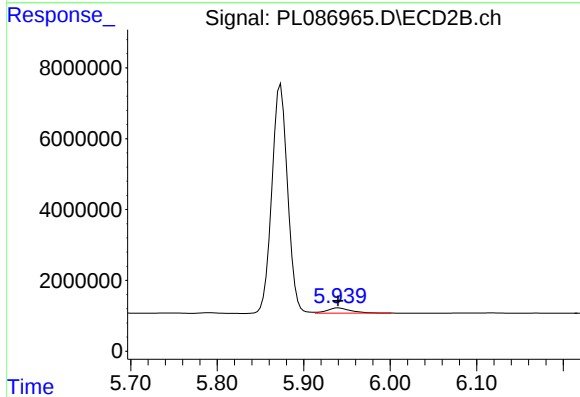
#18 Endrin aldehyde

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 5653993
Conc: 2.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

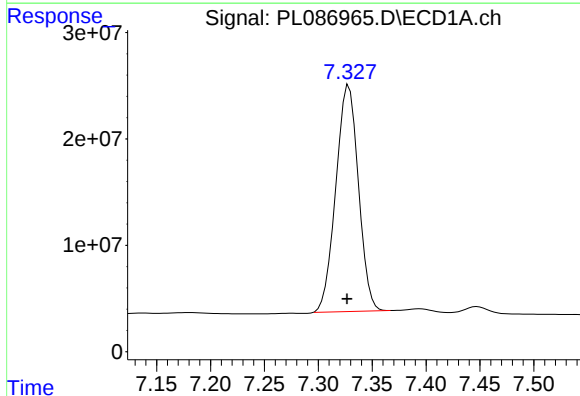
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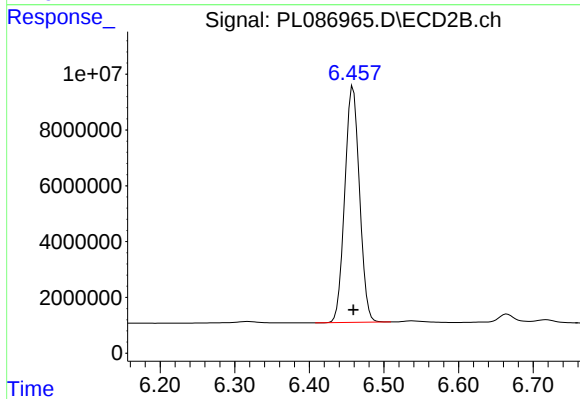
#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 2851993
Conc: 4.08 ng/ml



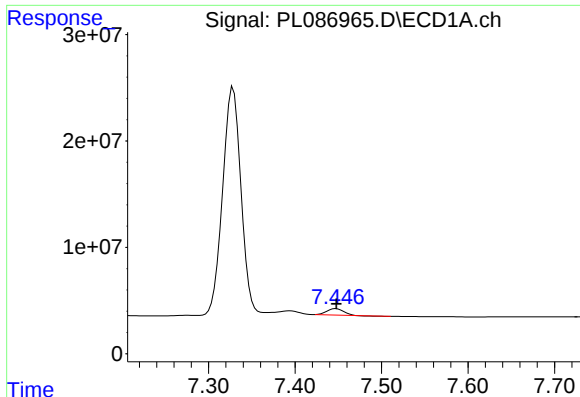
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.002 min
Response: 310177701
Conc: 234.90 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 115833126
Conc: 225.04 ng/ml



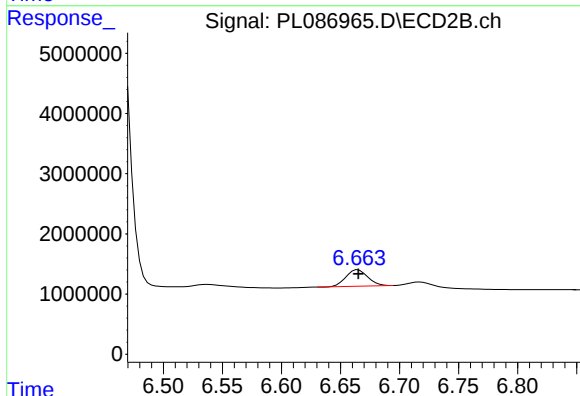
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 7368519
Conc: 2.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

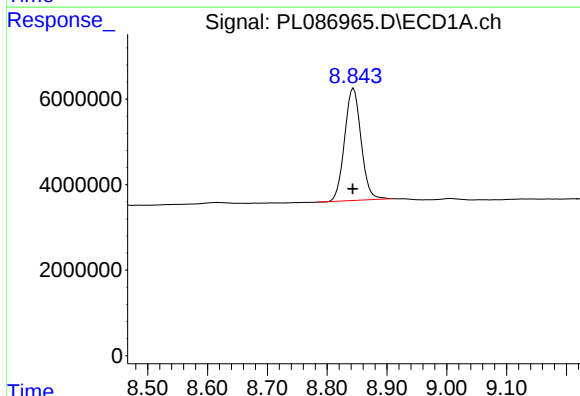
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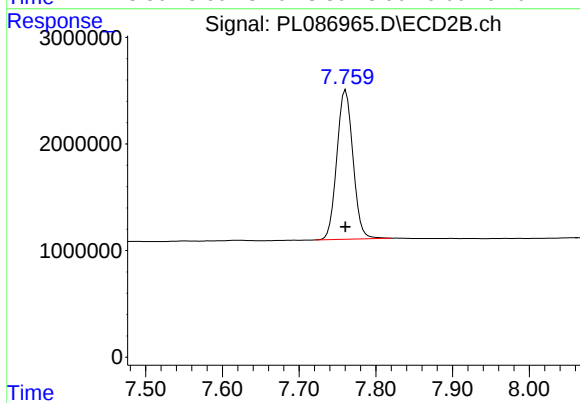
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 3521421
Conc: 3.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: 0.001 min
Response: 50265068
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 20470587
Conc: 18.57 ng/ml