

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 17:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2023
 Supervised By : Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:25:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.636	47304397	42136614	16.095	16.231
28)	SA Decachlor...	8.730	7.740	36874101	42984158	17.581	17.287
Target Compounds							
2)	A alpha-BHC	3.764	3.133	31394021	27300561	7.072	7.316
3)	MA gamma-BHC...	4.093	3.459	32011359	25481048	7.727	7.644
6)	B beta-BHC	4.296	3.760	15237794	13676219	8.093	9.563
14)	MA Endrin	6.315	5.472	88849902	89525014	33.063	35.288
16)	A 4,4'-DDD	6.459	5.623	7886437	6900450	3.629	3.588
17)	MA 4,4'-DDT	6.770	5.872	166.5E6	168.2E6	66.515	75.409
18)	B Endrin al...	6.667	5.949	3533115	4280346	1.757	2.165
20)	A Methoxychlor	7.251	6.450	224.9E6	231.3E6	170.103	181.904
21)	B Endrin ke...	7.380	6.674	7446151	8912178	2.919m	3.296

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

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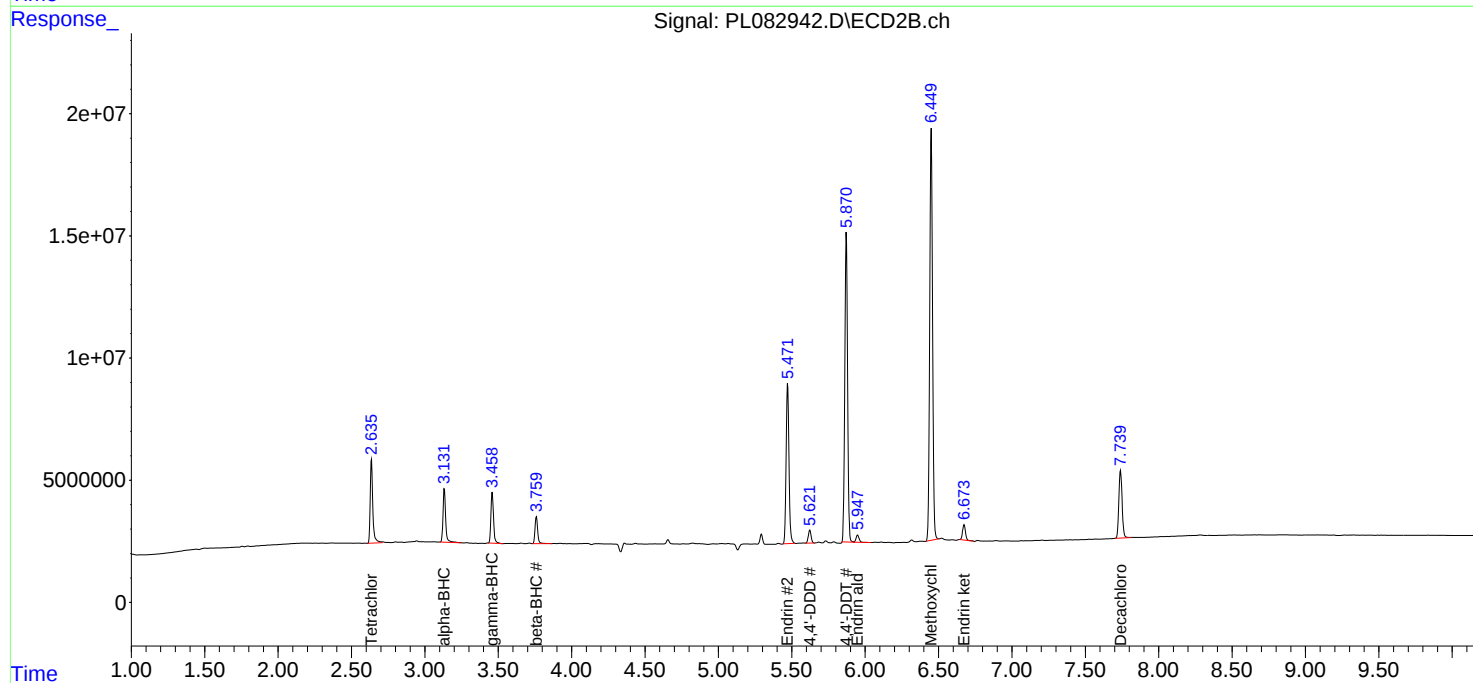
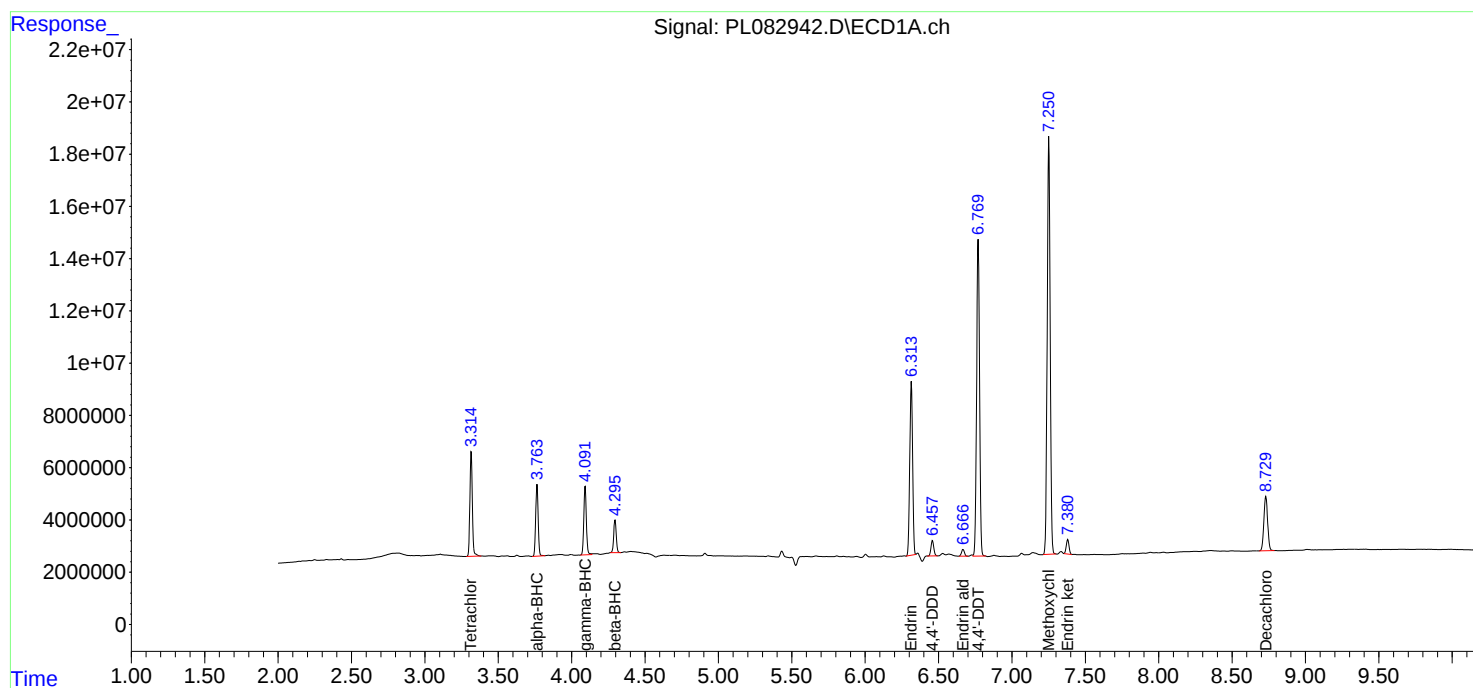
Instrument :
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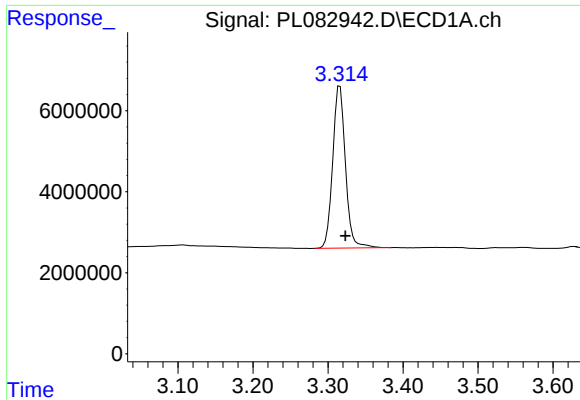
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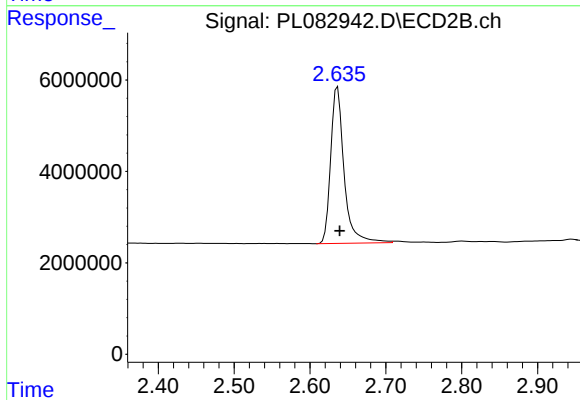
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 47304397
Conc: 16.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

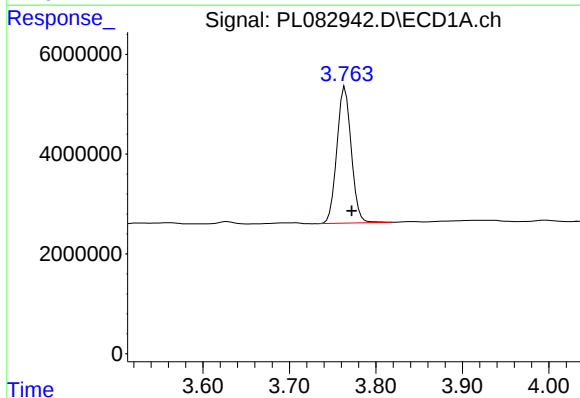
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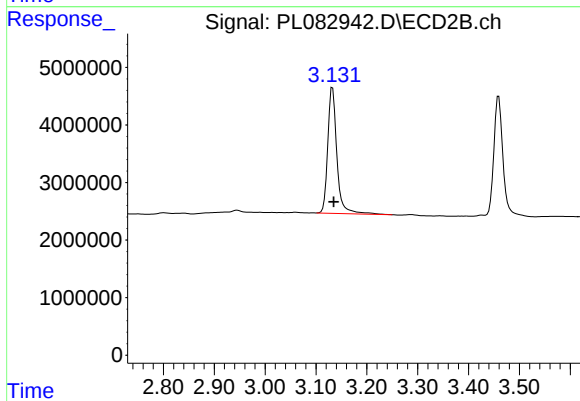
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 42136614
Conc: 16.23 ng/ml



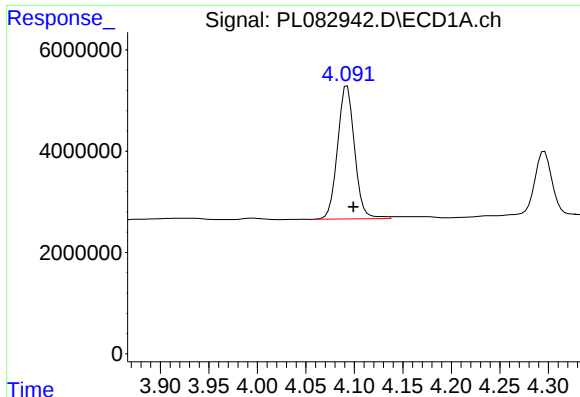
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 31394021
Conc: 7.07 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 27300561
Conc: 7.32 ng/ml



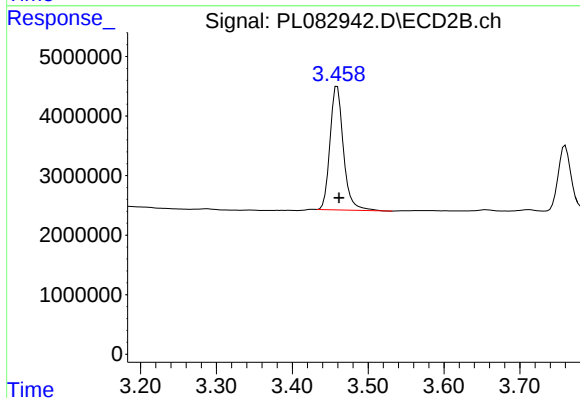
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 32011359
Conc: 7.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

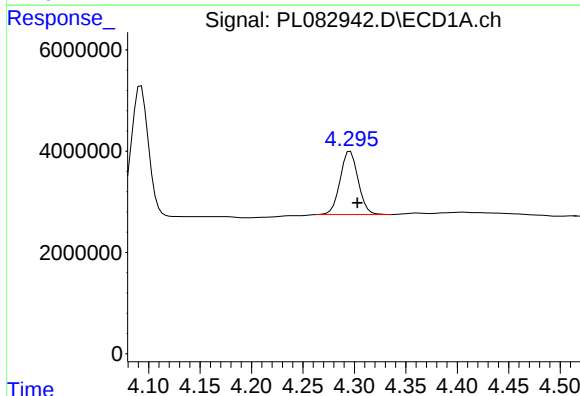
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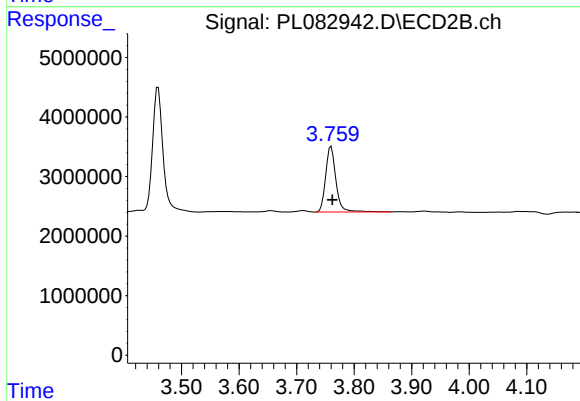
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.003 min
Response: 25481048
Conc: 7.64 ng/ml



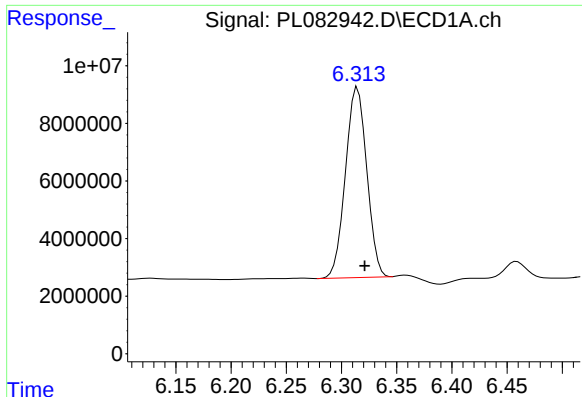
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 15237794
Conc: 8.09 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 13676219
Conc: 9.56 ng/ml



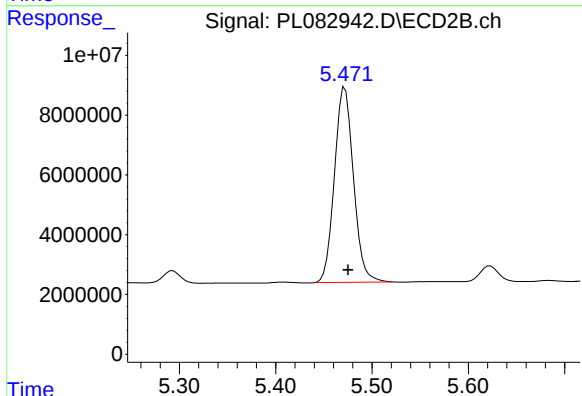
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 88849902
Conc: 33.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

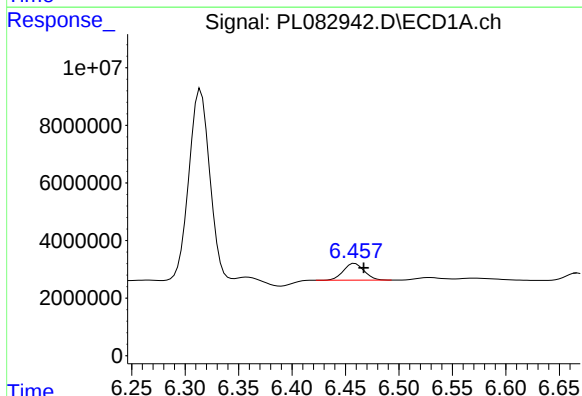
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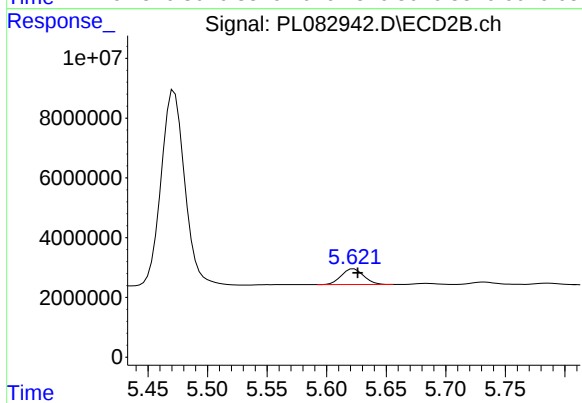
#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 89525014
Conc: 35.29 ng/ml



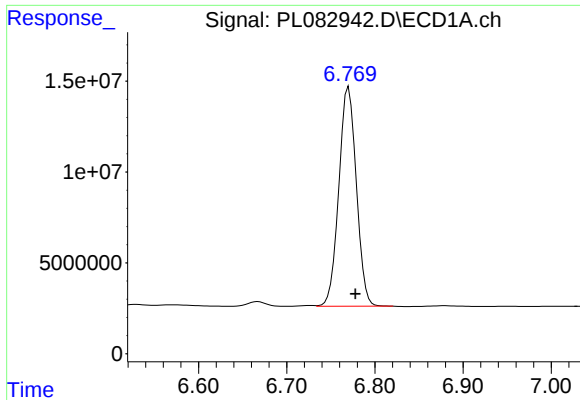
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 7886437
Conc: 3.63 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 6900450
Conc: 3.59 ng/ml



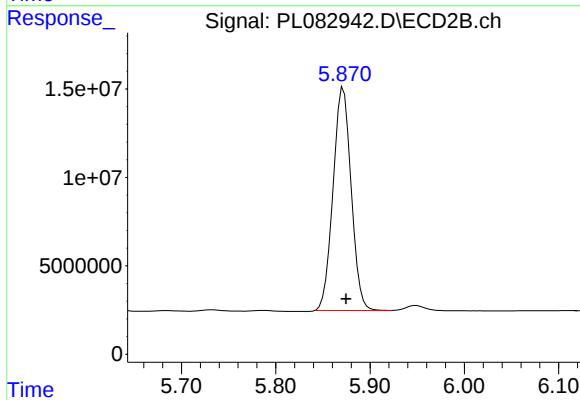
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 166497642
Conc: 66.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

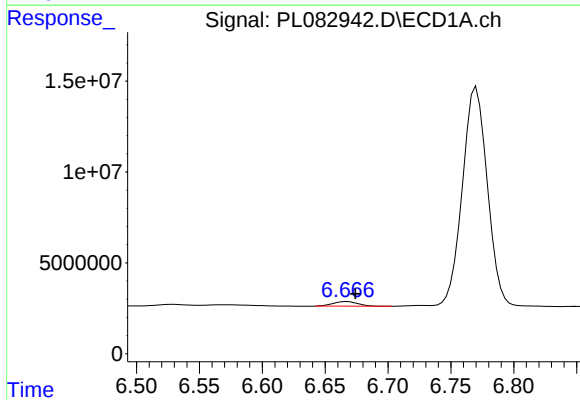
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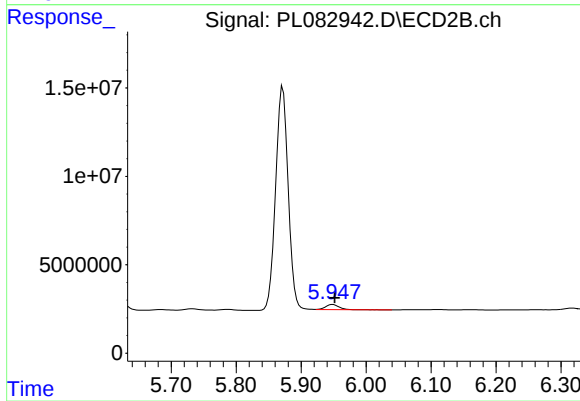
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 168239015
Conc: 75.41 ng/ml



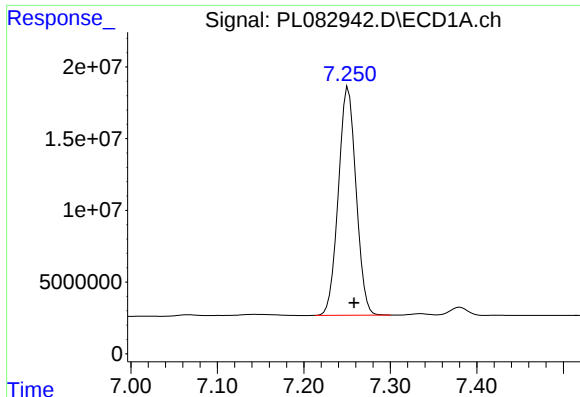
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 3533115
Conc: 1.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 4280346
Conc: 2.16 ng/ml



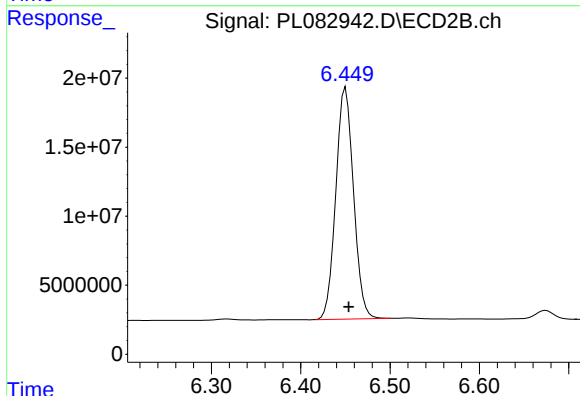
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 224940299
Conc: 170.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

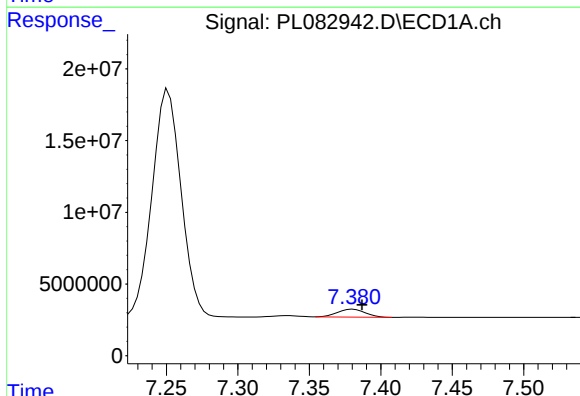
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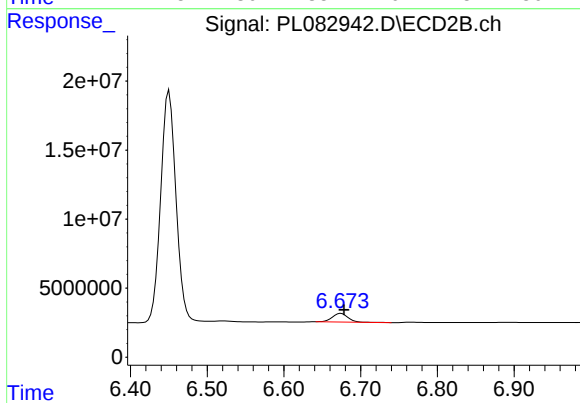
#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 231336425
Conc: 181.90 ng/ml



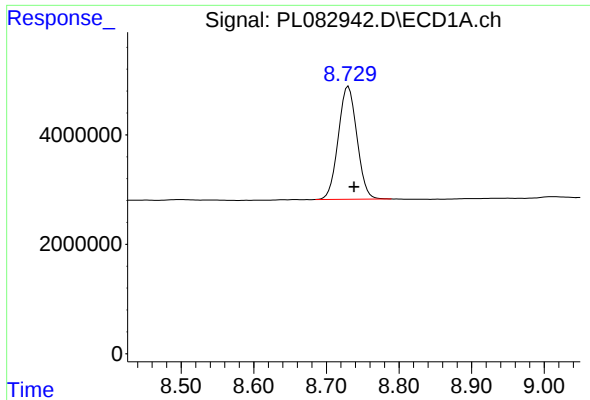
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 7446151
Conc: 2.92 ng/ml m



#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 8912178
Conc: 3.30 ng/ml



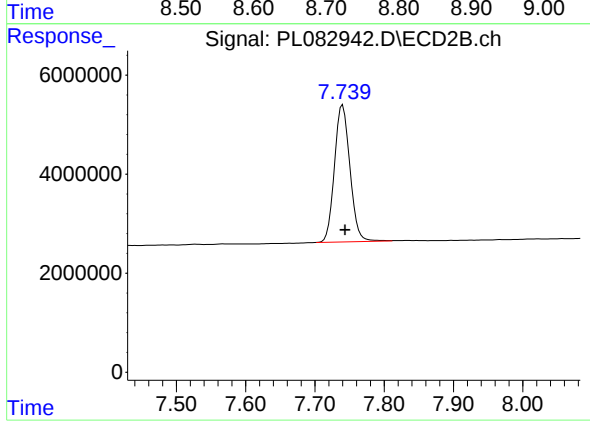
#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 36874101
Conc: 17.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.003 min
Response: 42984158
Conc: 17.29 ng/ml