

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
 Data File : PL086341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2023 08:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 05:45:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.353	2.618	58170242	17230286	18.330	18.099
28)	SA Decachlor...	8.854	7.770	51279566	22507107	19.389	19.622
Target Compounds							
2)	A alpha-BHC	3.806	3.116	40811660	10867150	8.646	8.374
3)	MA gamma-BHC...	4.138	3.444	39678753	10867304	8.708	8.273
6)	B beta-BHC	4.342	3.746	19970895	5914620	10.125	10.306
14)	MA Endrin	6.384	5.468	146.1E6	50170624	43.767	45.530
16)	A 4,4'-DDD	6.536	5.633	868792	192800	0.366	0.237 #
17)	MA 4,4'-DDT	6.850	5.883	265.2E6	100.9E6	101.643	107.028
18)	B Endrin al...	6.739	5.949	3265005	1974853	1.341	2.342 #
20)	A Methoxychlor	7.334	6.468	339.3E6	138.8E6	244.664m	237.586
21)	B Endrin ke...	7.456	6.674	3769371	2524714	1.181	2.024 #

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

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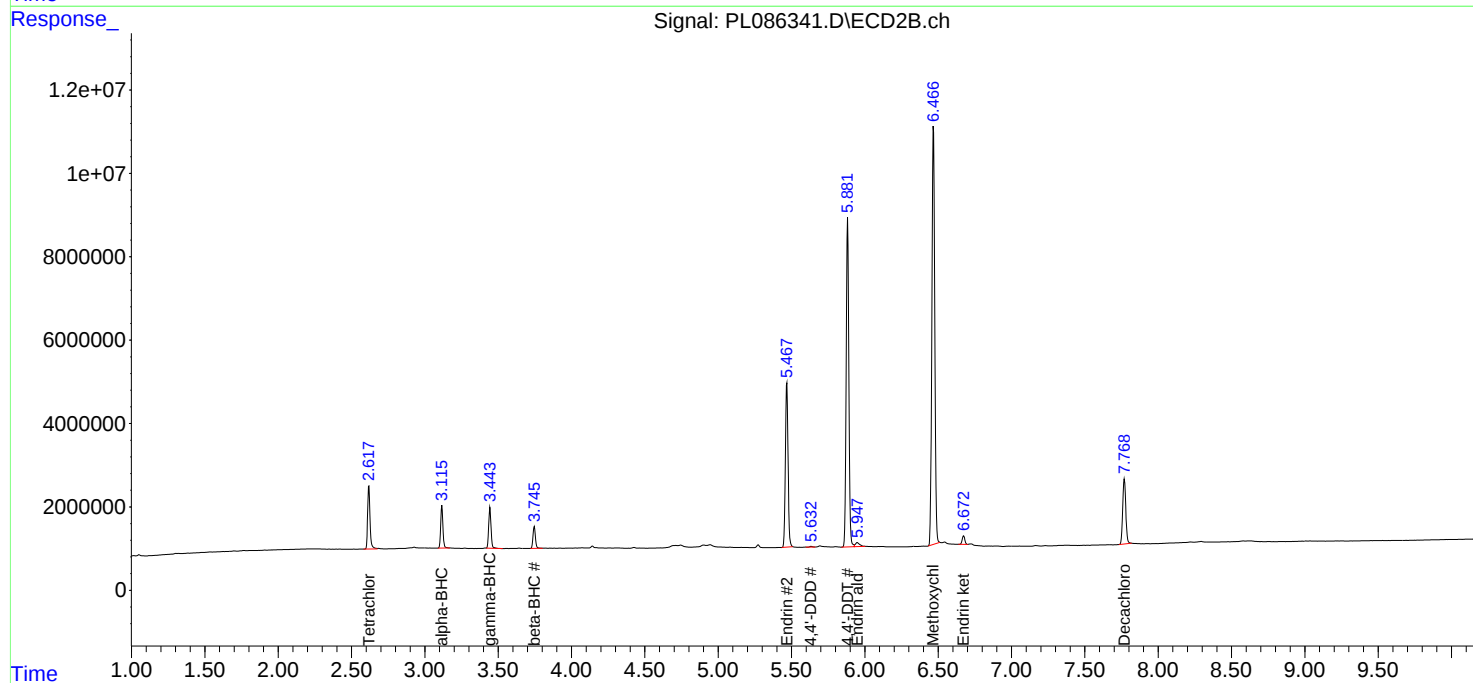
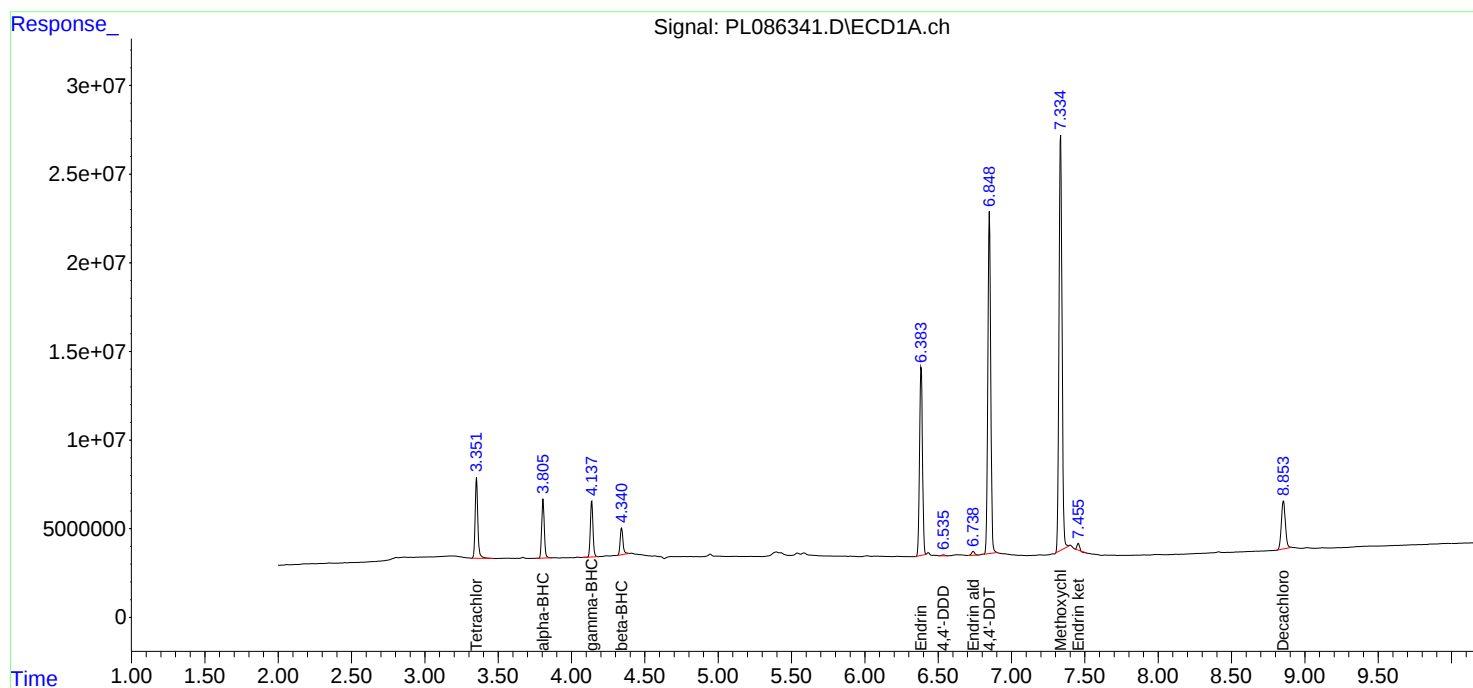
Instrument :
ECD_L
ClientSampleId :
PEM

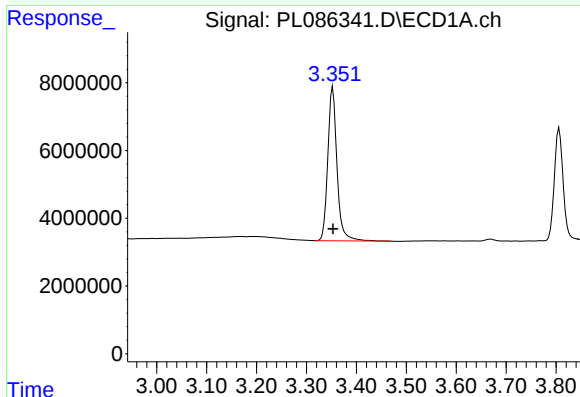
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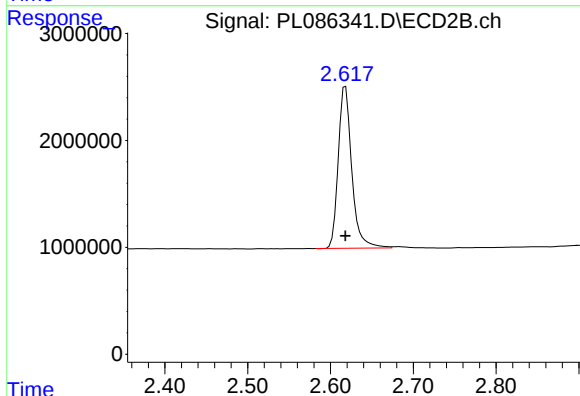
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 58170242
Conc: 18.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

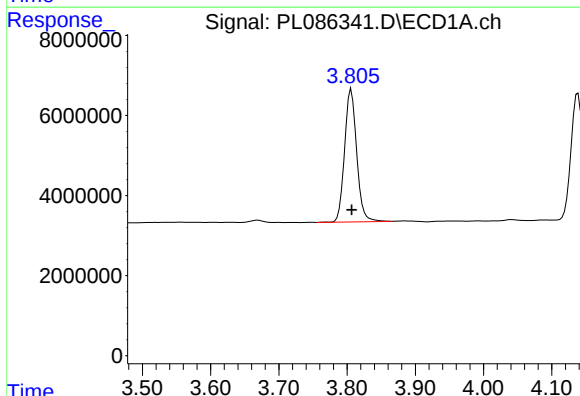
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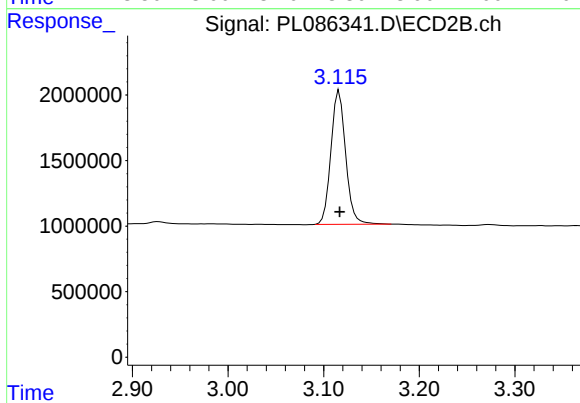
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 17230286
Conc: 18.10 ng/ml



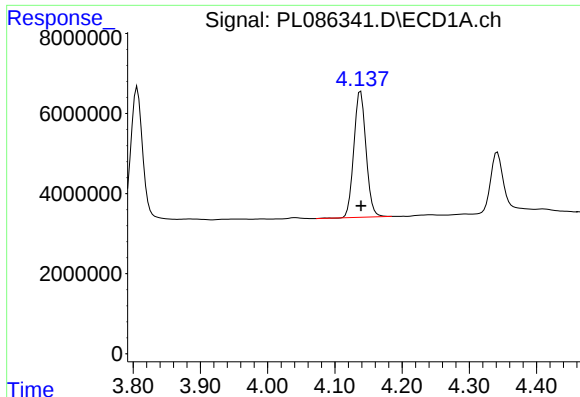
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 40811660
Conc: 8.65 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 10867150
Conc: 8.37 ng/ml



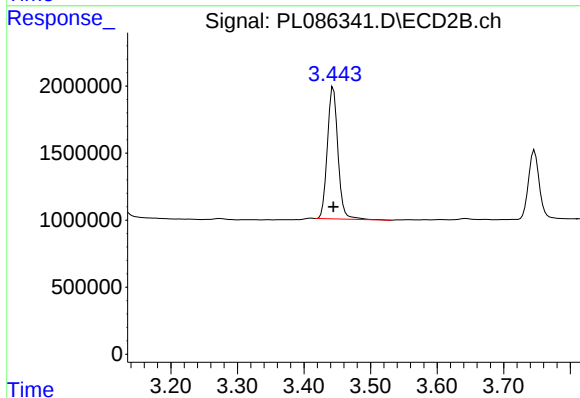
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 39678753
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

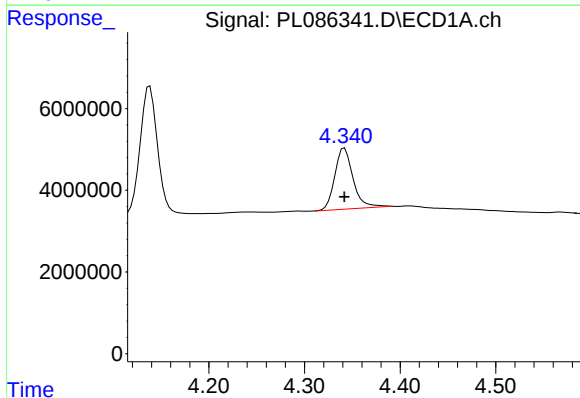
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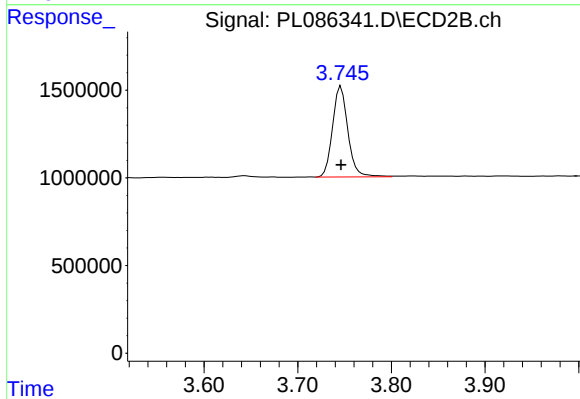
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 10867304
Conc: 8.27 ng/ml



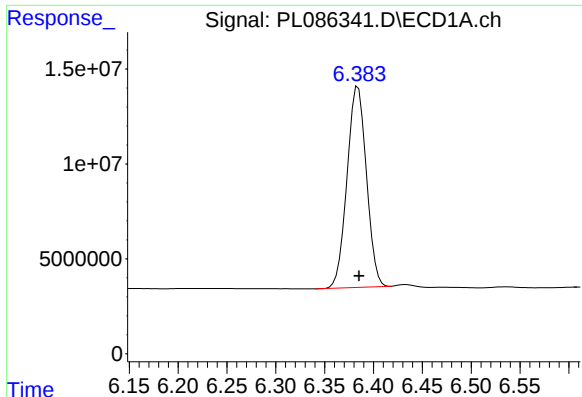
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 19970895
Conc: 10.13 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 5914620
Conc: 10.31 ng/ml



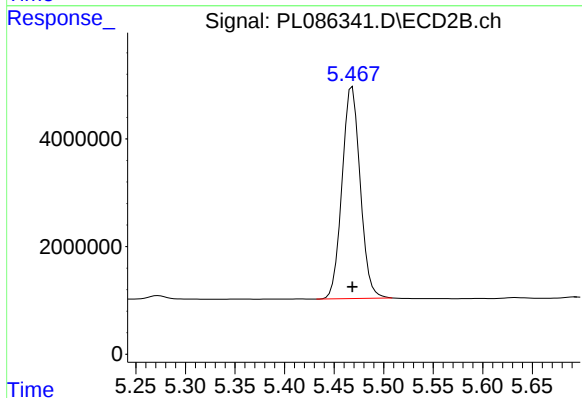
#14 Endrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 146103610
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

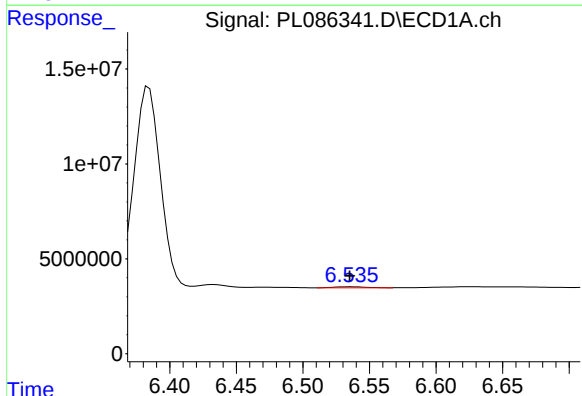
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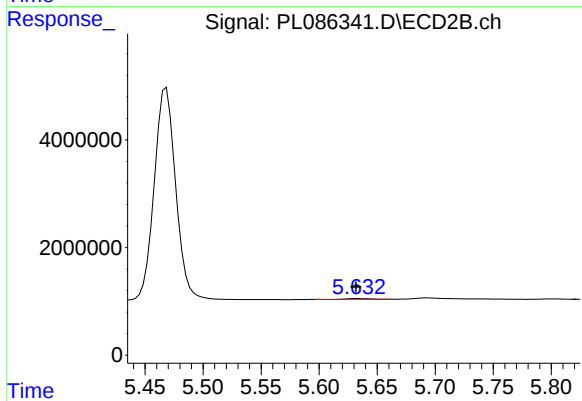
#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 50170624
Conc: 45.53 ng/ml



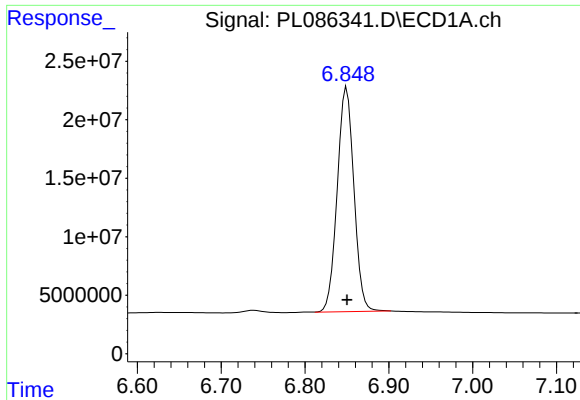
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 868792
Conc: 0.37 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 192800
Conc: 0.24 ng/ml



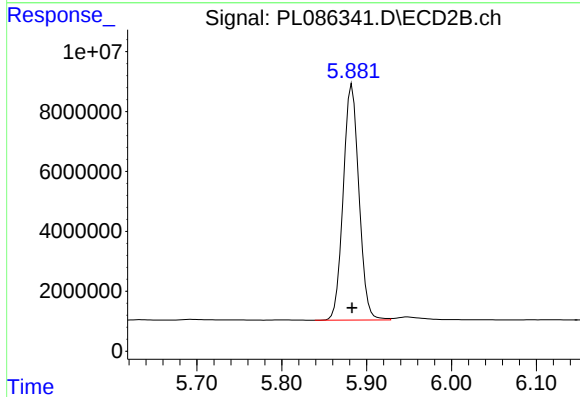
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 265177251
Conc: 101.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

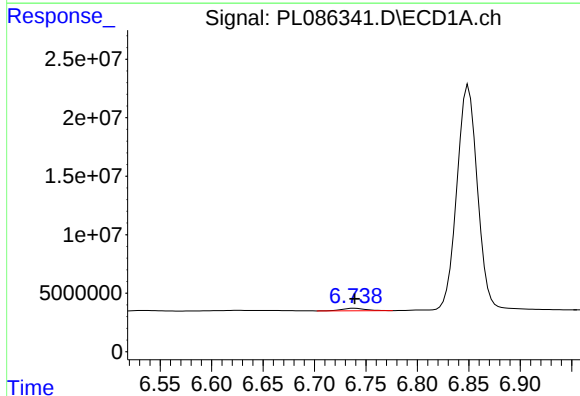
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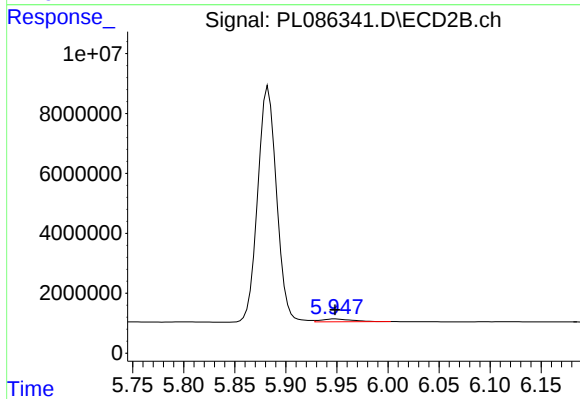
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 100900481
Conc: 107.03 ng/ml



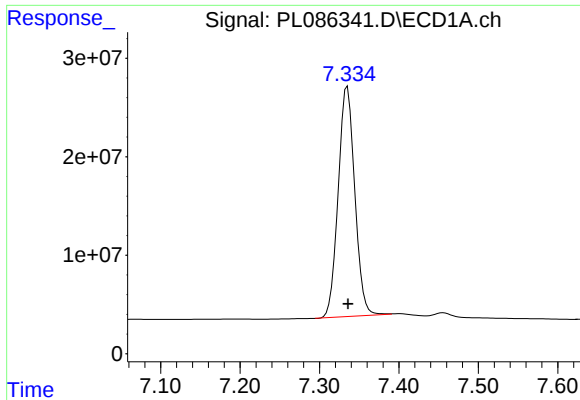
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3265005
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 1974853
Conc: 2.34 ng/ml



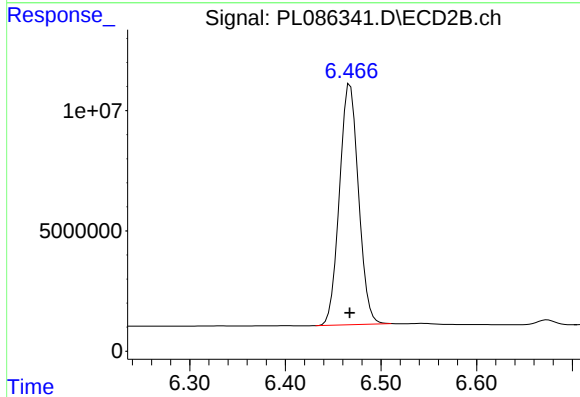
#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: -0.002 min
Response: 339349655
Conc: 244.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

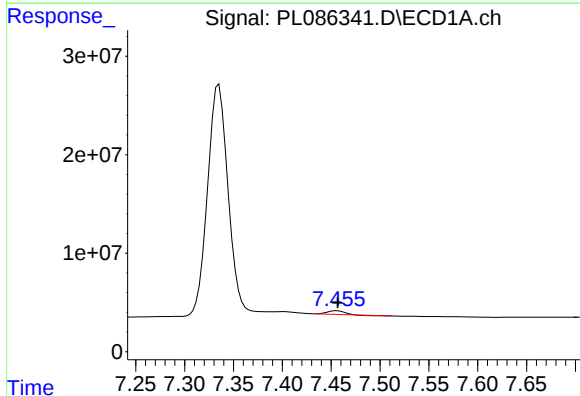
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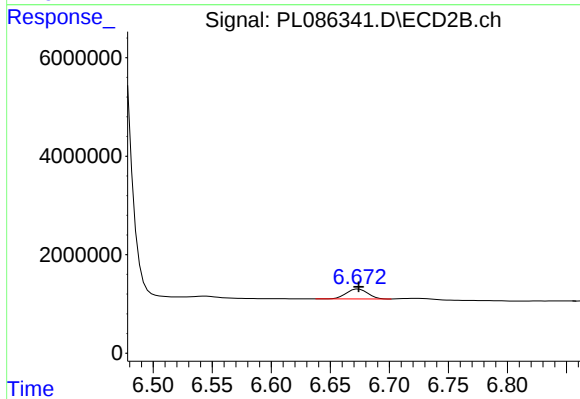
#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 138829713
Conc: 237.59 ng/ml



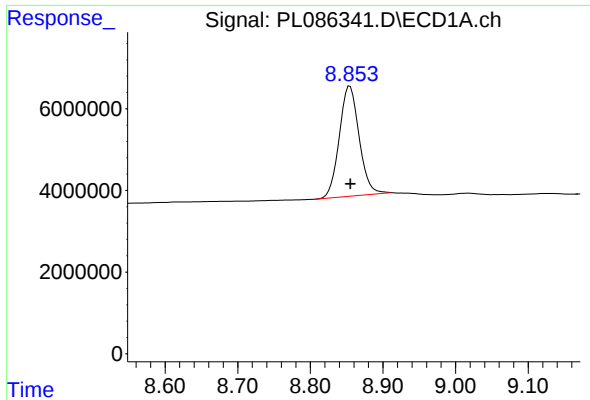
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 3769371
Conc: 1.18 ng/ml



#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 2524714
Conc: 2.02 ng/ml



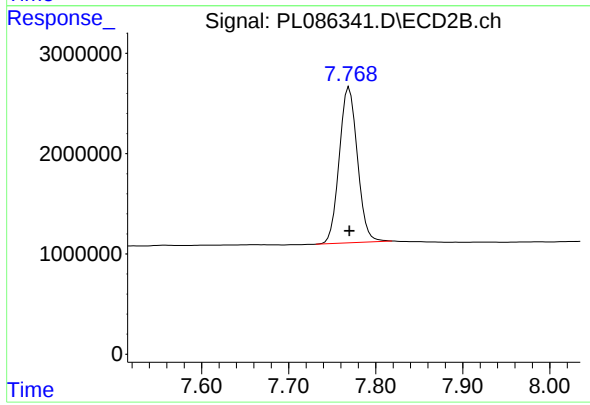
#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: 0.000 min
Response: 51279566
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 22507107
Conc: 19.62 ng/ml