

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111623\
 Data File : PL086688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2023 11:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/17/2023
 Supervised By :Ankita Jodhani 11/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 19:47:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.362	2.618	53921990	17138326	16.607	17.406
28)	SA Decachlor...	8.862	7.770	52788515	24239539	18.034	20.073
Target Compounds							
2)	A alpha-BHC	3.816	3.116	40151328	10729624	8.347	8.049
3)	MA gamma-BHC...	4.148	3.443	37740210	10557111	8.022	7.955
6)	B beta-BHC	4.351	3.745	17124860	5377447	8.467	9.022m
14)	MA Endrin	6.392	5.468	138.6E6	49077333	40.252	44.806
16)	A 4,4'-DDD	6.545	5.631	2328989	101888	0.875m	0.120m#
17)	MA 4,4'-DDT	6.857	5.881	270.0E6	101.6E6	91.079	103.939m
18)	B Endrin al...	6.746	5.946	2717998	3166310	1.025	3.380 #
20)	A Methoxychlor	7.343	6.467	335.9E6	142.1E6	210.470	237.564
21)	B Endrin ke...	7.462	6.673	3704257	2633555	1.087m	2.055 #

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

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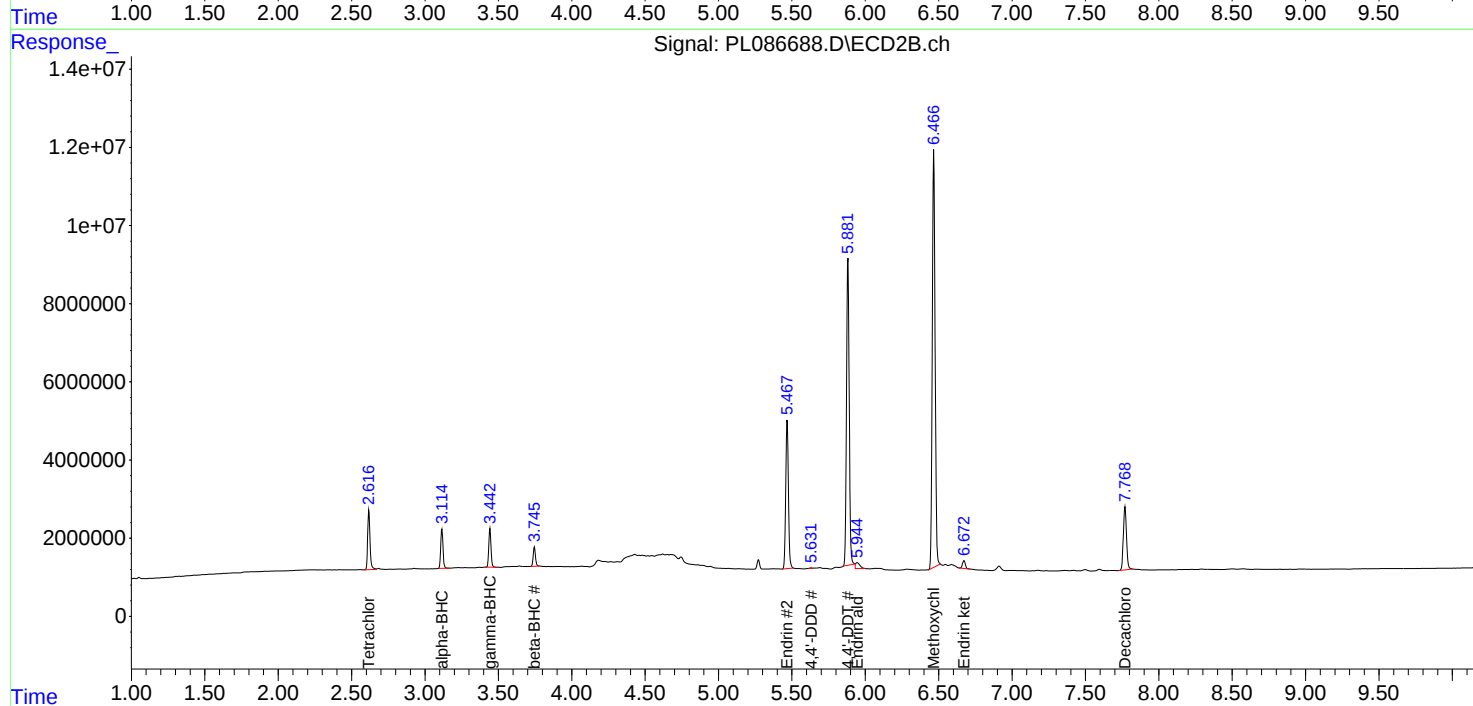
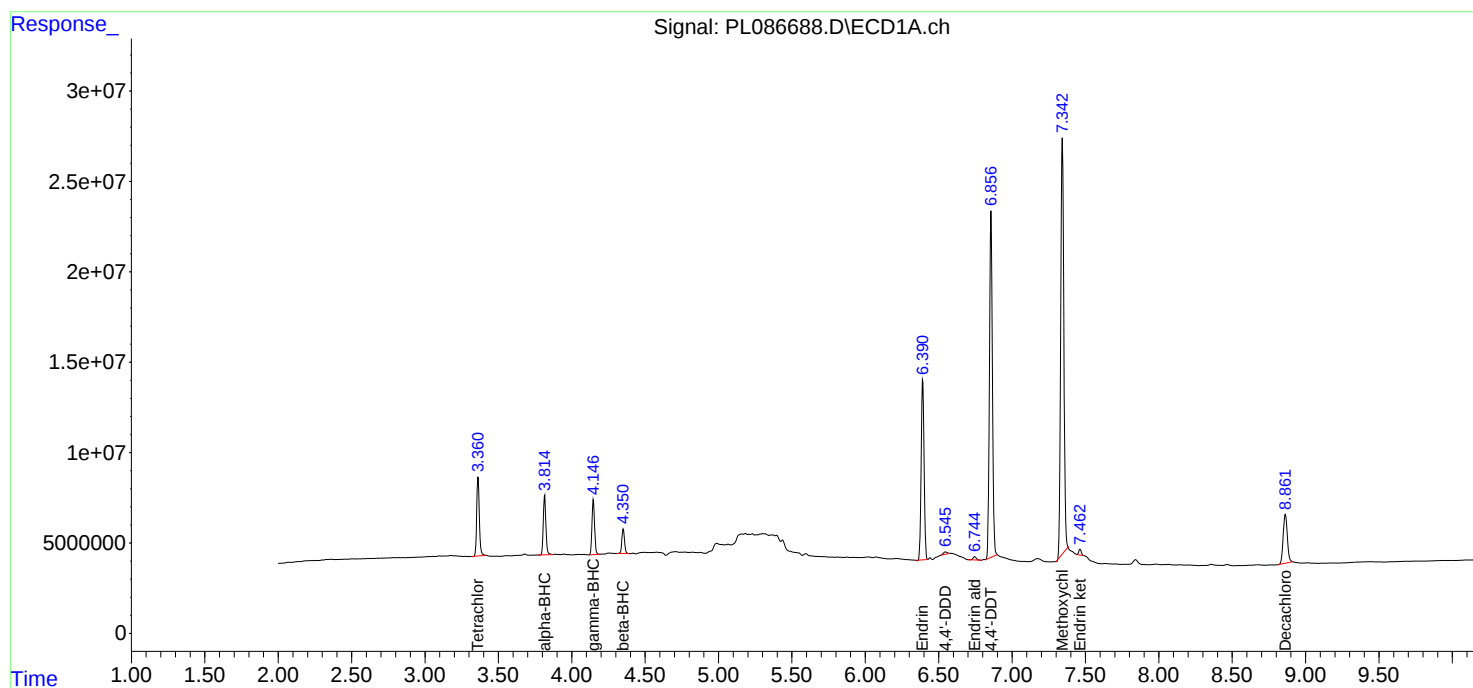
Instrument :
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ClientSampleId :
PEM

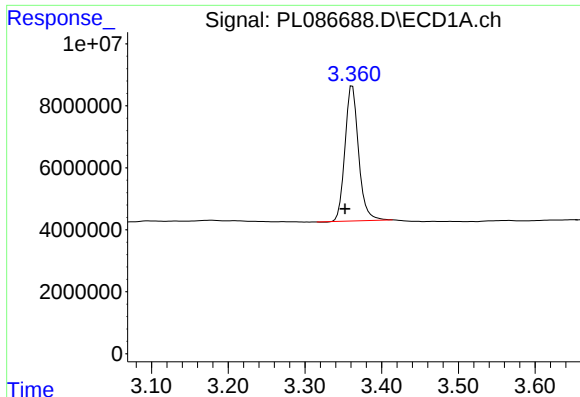
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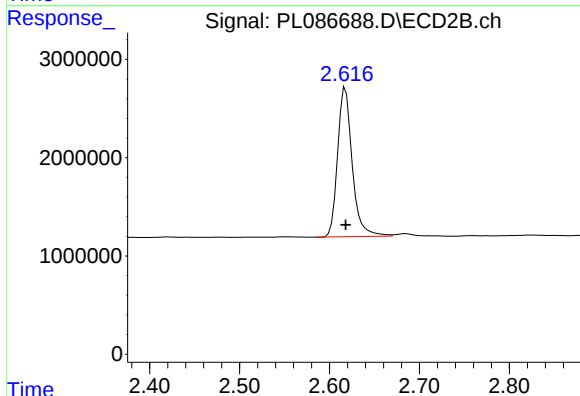
#1 Tetrachloro-m-xylene

R.T.: 3.362 min
Delta R.T.: 0.010 min
Response: 53921990
Conc: 16.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

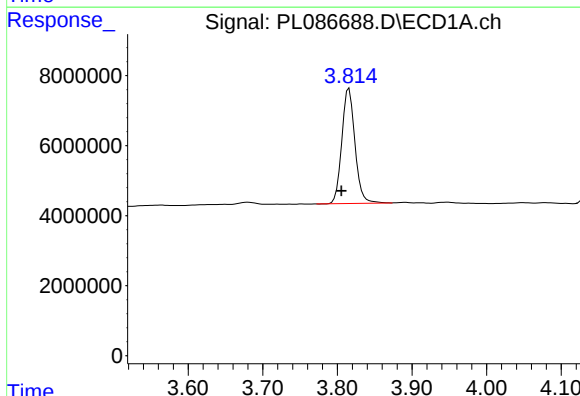
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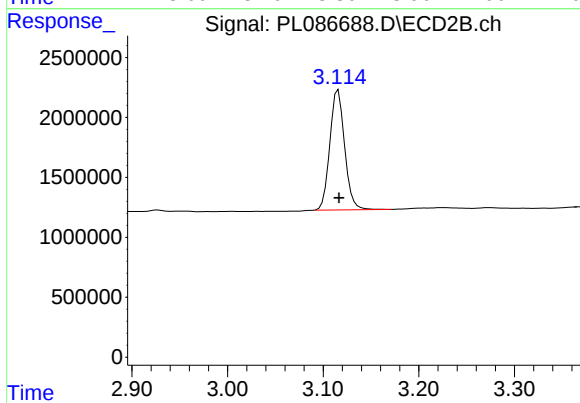
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 17138326
Conc: 17.41 ng/ml



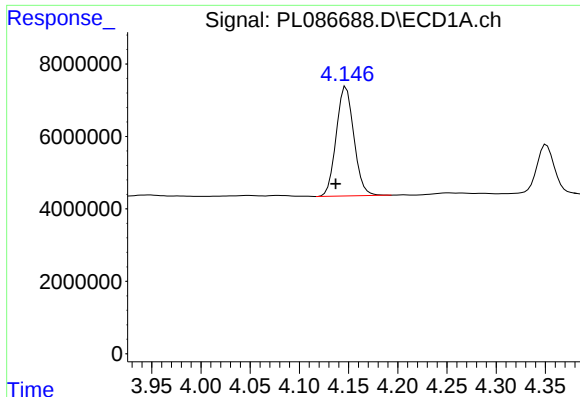
#2 alpha-BHC

R.T.: 3.816 min
Delta R.T.: 0.010 min
Response: 40151328
Conc: 8.35 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 10729624
Conc: 8.05 ng/ml



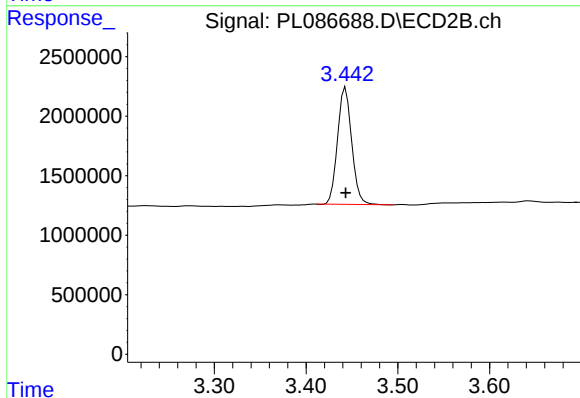
#3 gamma-BHC (Lindane)

R.T.: 4.148 min
Delta R.T.: 0.011 min
Response: 37740210
Conc: 8.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

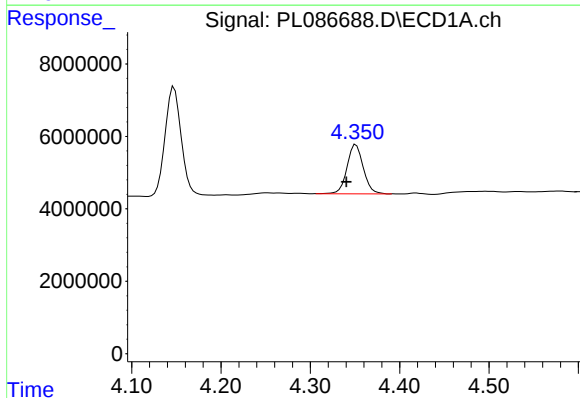
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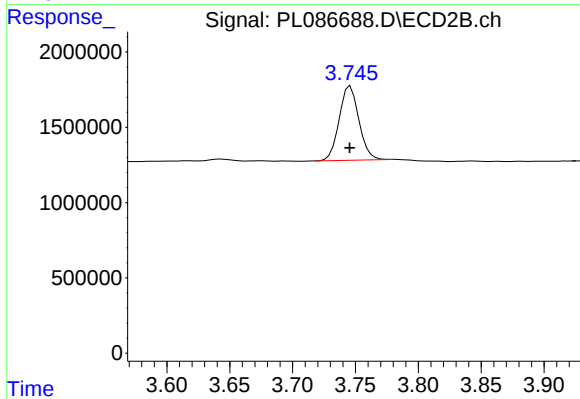
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 10557111
Conc: 7.95 ng/ml



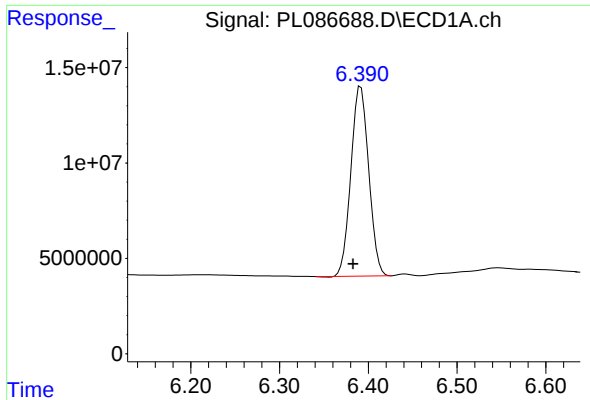
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.011 min
Response: 17124860
Conc: 8.47 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 5377447
Conc: 9.02 ng/ml m



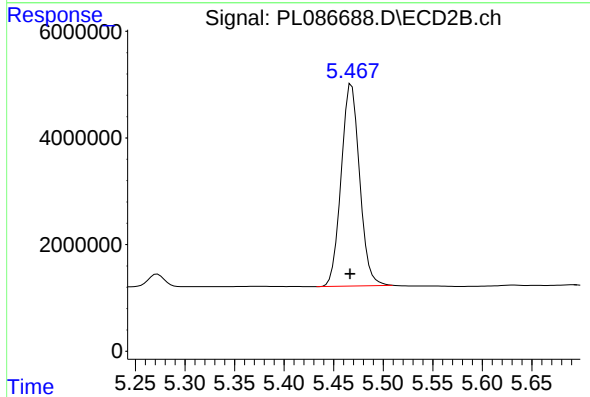
#14 Endrin

R.T.: 6.392 min
Delta R.T.: 0.009 min
Response: 138643158
Conc: 40.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

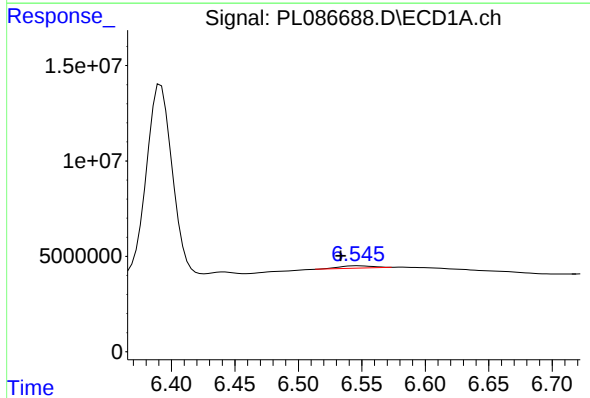
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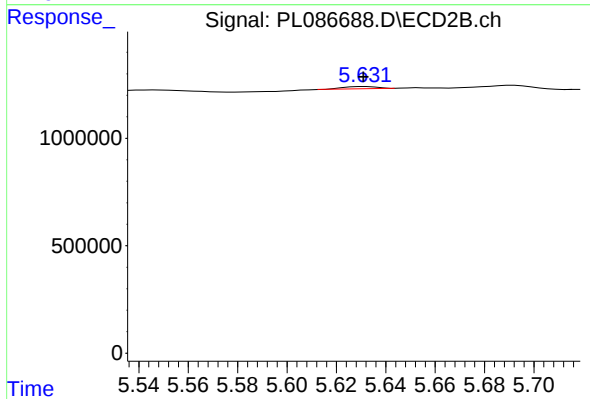
#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 49077333
Conc: 44.81 ng/ml



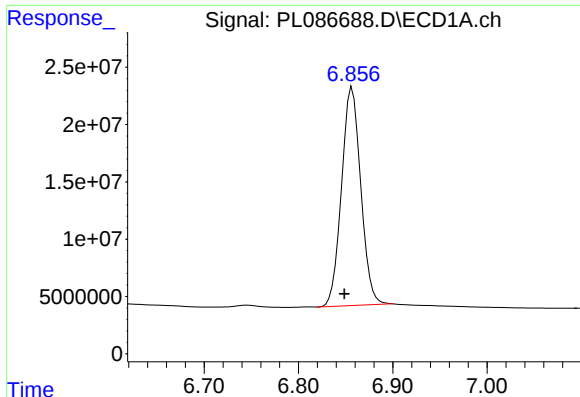
#16 4,4'-DDD

R.T.: 6.545 min
Delta R.T.: 0.012 min
Response: 2328989
Conc: 0.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 101888
Conc: 0.12 ng/ml m



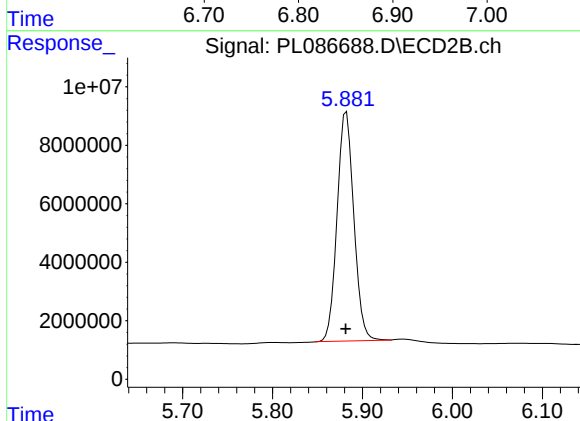
#17 4,4'-DDT

R.T.: 6.857 min
Delta R.T.: 0.008 min
Response: 269986370
Conc: 91.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

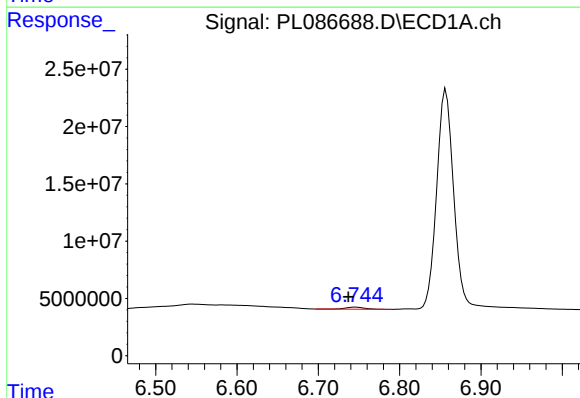
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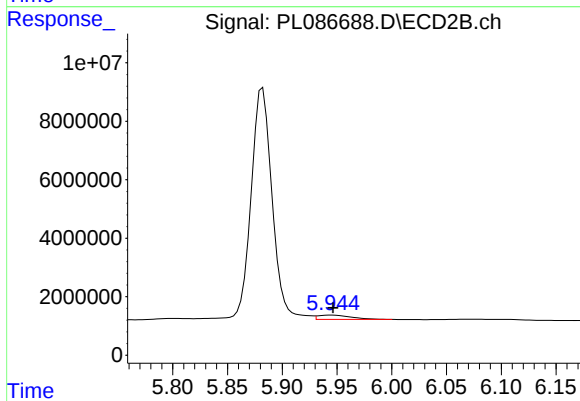
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 101607902
Conc: 103.94 ng/ml m



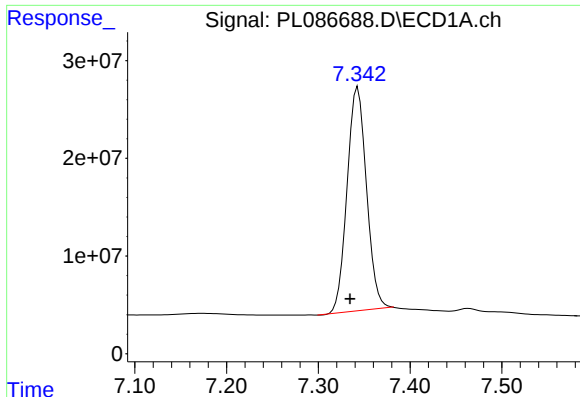
#18 Endrin aldehyde

R.T.: 6.746 min
Delta R.T.: 0.009 min
Response: 2717998
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 3166310
Conc: 3.38 ng/ml



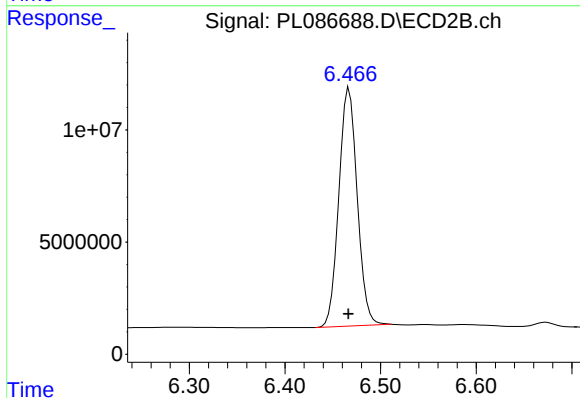
#20 Methoxychlor

R.T.: 7.343 min
Delta R.T.: 0.008 min
Response: 335883477
Conc: 210.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

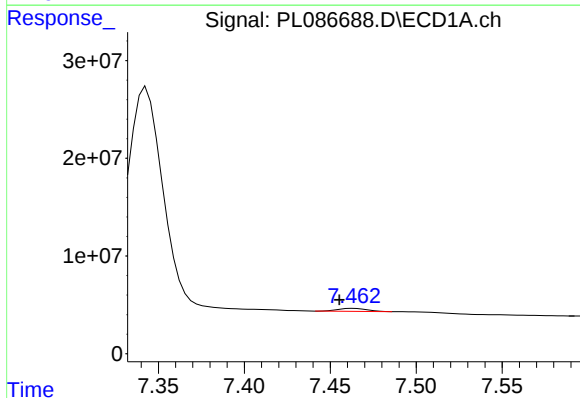
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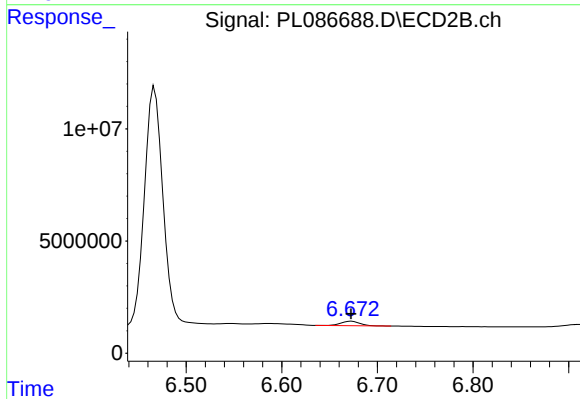
#20 Methoxychlor

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 142103639
Conc: 237.56 ng/ml



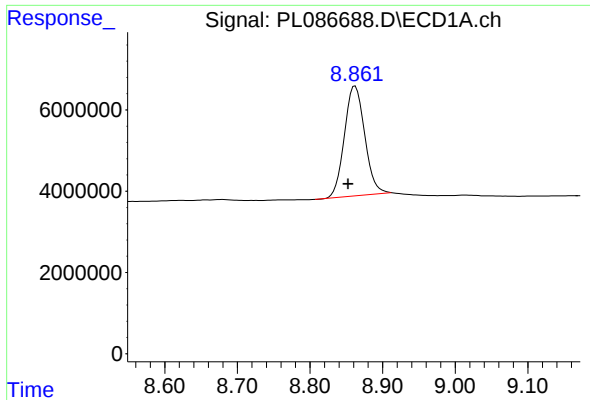
#21 Endrin ketone

R.T.: 7.462 min
Delta R.T.: 0.007 min
Response: 3704257
Conc: 1.09 ng/ml m



#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 2633555
Conc: 2.06 ng/ml



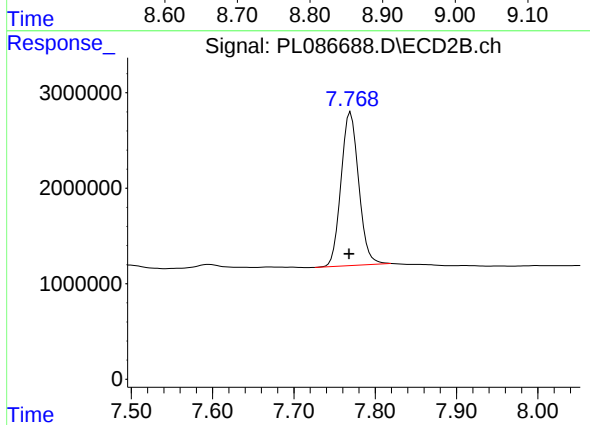
#28 Decachlorobiphenyl

R.T.: 8.862 min
Delta R.T.: 0.010 min
Response: 52788515
Conc: 18.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 24239539
Conc: 20.07 ng/ml