

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
 Data File : PL082857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2023 08:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2023
 Supervised By : Ankita Jodhani 05/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 11:09:12 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...	3.322	2.636	49599833	43576330	16.876	16.785
28)	SA Decachlor...	8.740	7.744	35886133	40215099	17.110	16.173
Target Compounds							
2)	A alpha-BHC	3.771	3.132	33434660	27409005	7.532	7.345
3)	MA gamma-BHC...	4.099	3.459	33011929	25600788	7.968	7.680
6)	B beta-BHC	4.303	3.760	16215163	13620189	8.613	9.524
14)	MA Endrin	6.322	5.474	99724699	93296705	37.110	36.775
16)	A 4,4'-DDD	6.466	5.624	1865965	1380911	0.859m	0.718m
17)	MA 4,4'-DDT	6.778	5.874	196.9E6	181.6E6	78.648	81.403
18)	B Endrin al...	6.674	5.951	2721213	3511490	1.353	1.776m#
20)	A Methoxychlor	7.258	6.453	258.4E6	239.7E6	195.405	188.490
21)	B Endrin ke...	7.386	6.676	4023765	4981919	1.577m	1.843m

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

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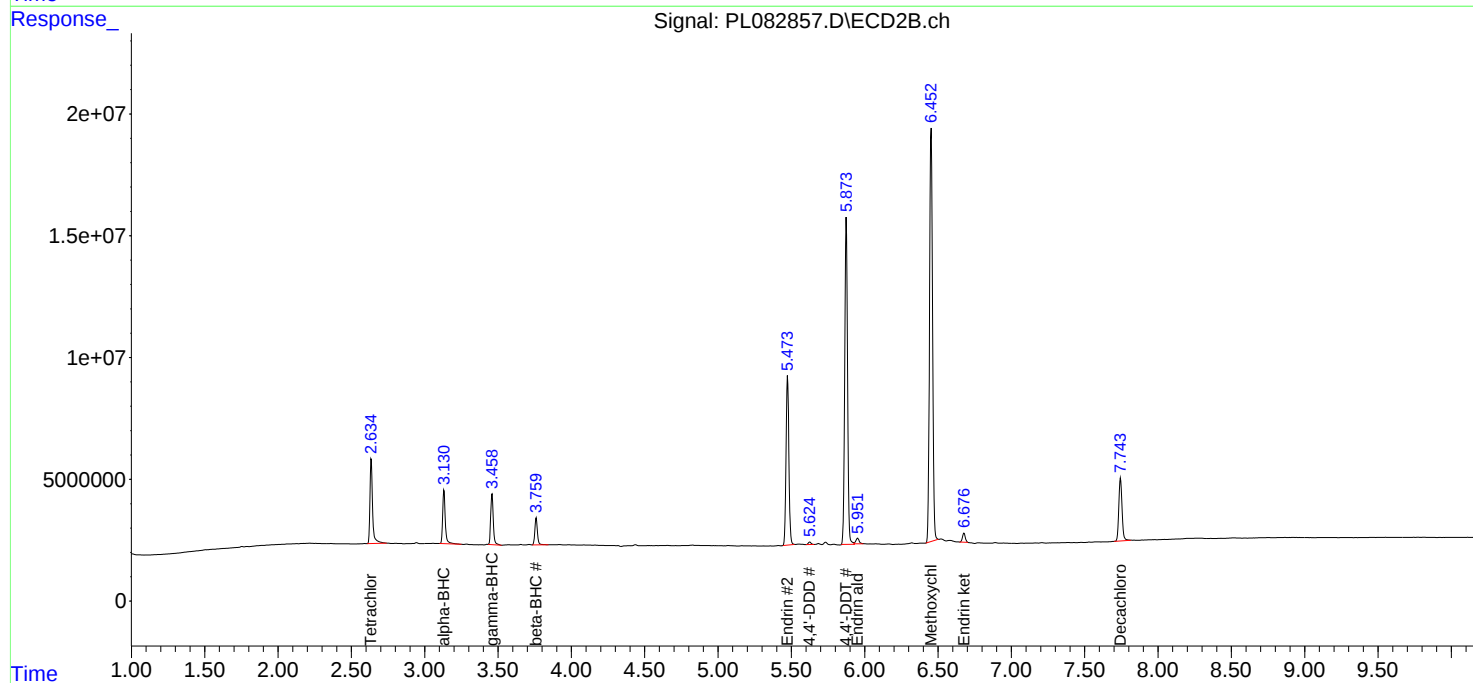
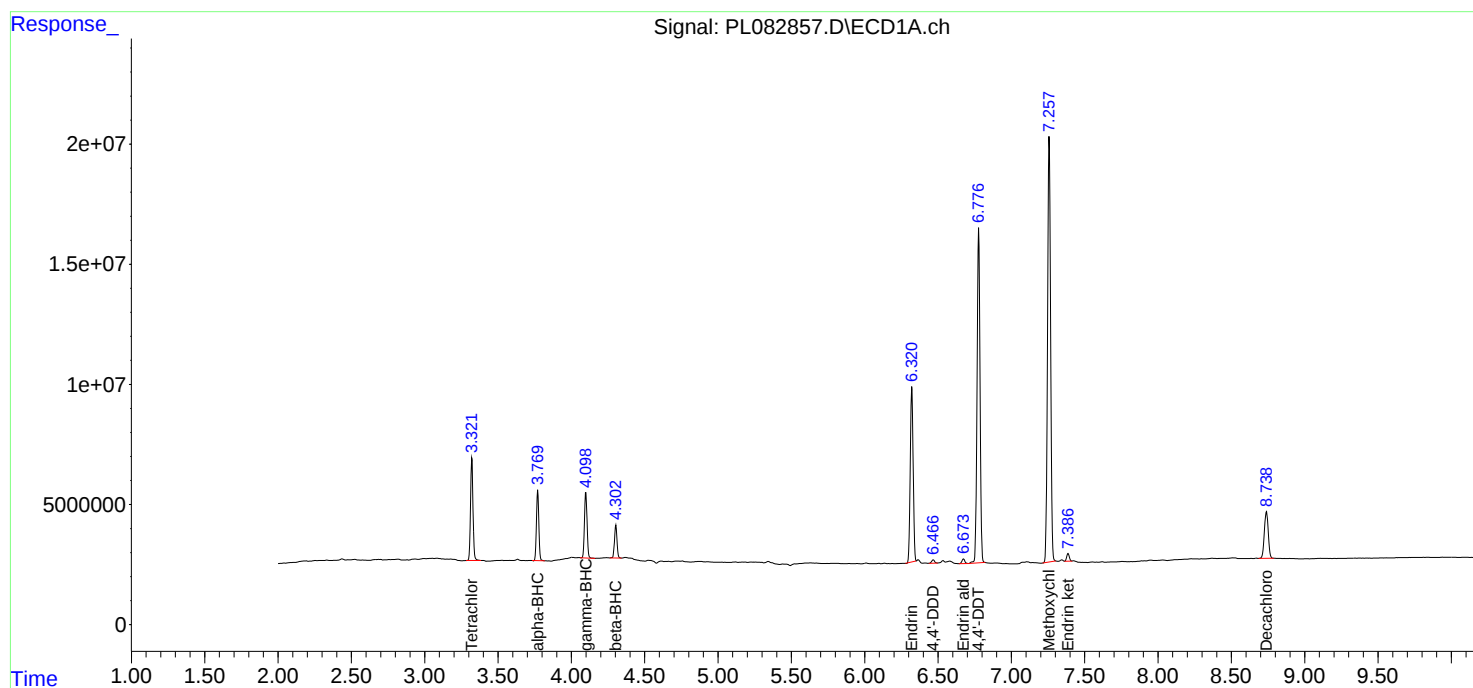
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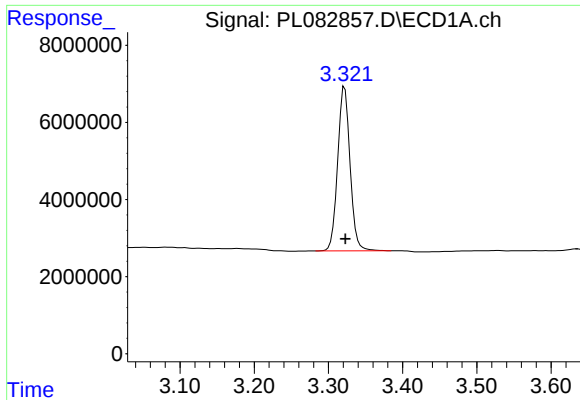
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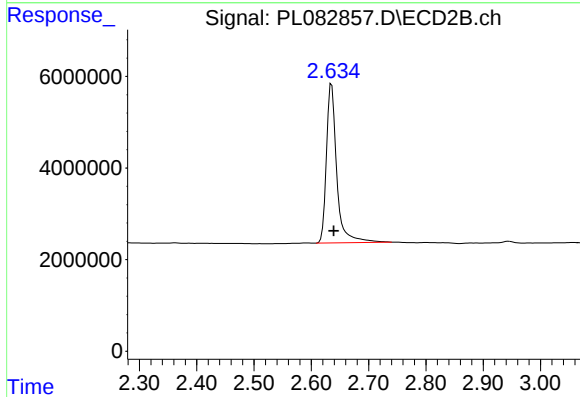
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 49599833
Conc: 16.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

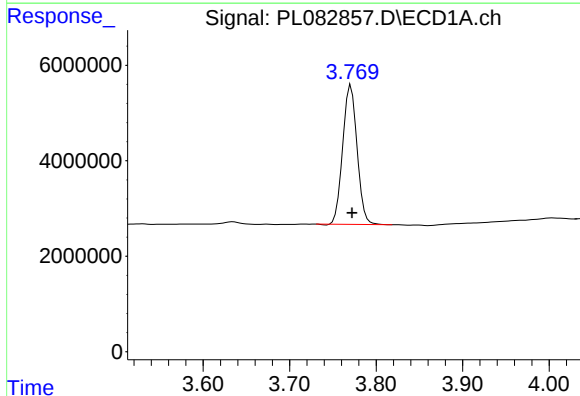
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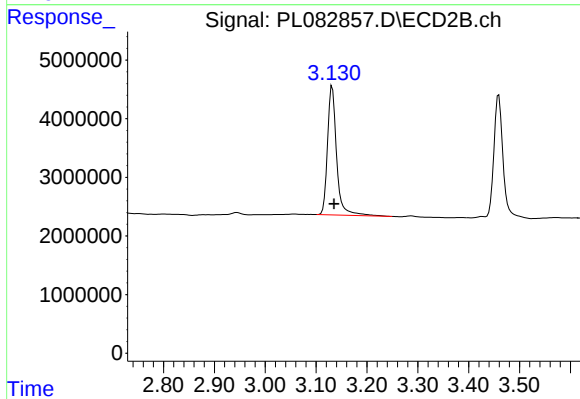
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 43576330
Conc: 16.79 ng/ml



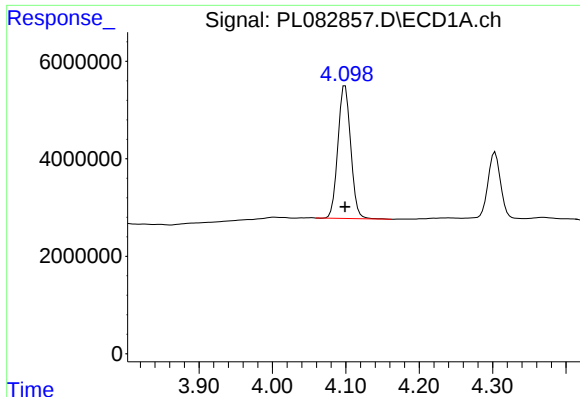
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 33434660
Conc: 7.53 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 27409005
Conc: 7.35 ng/ml



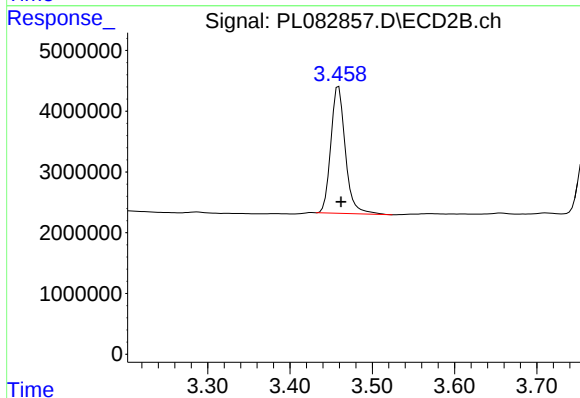
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 33011929
Conc: 7.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

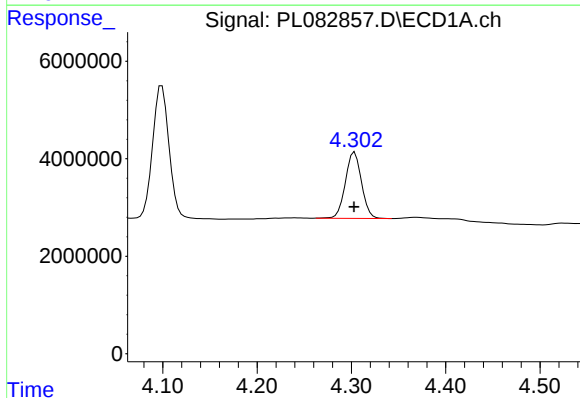
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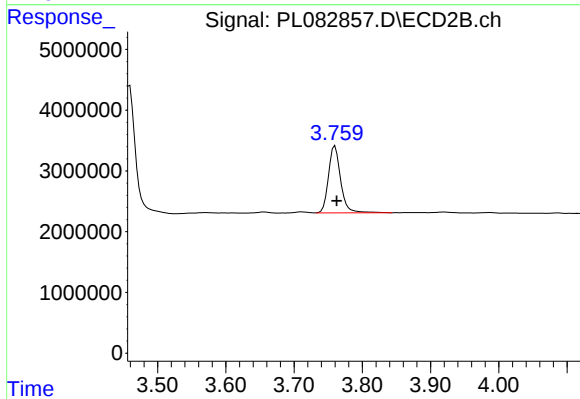
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.003 min
Response: 25600788
Conc: 7.68 ng/ml



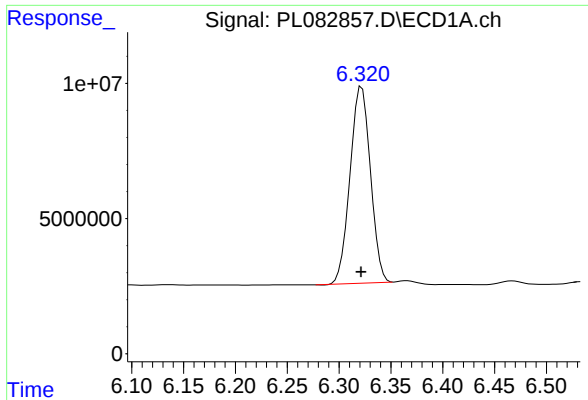
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 16215163
Conc: 8.61 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 13620189
Conc: 9.52 ng/ml



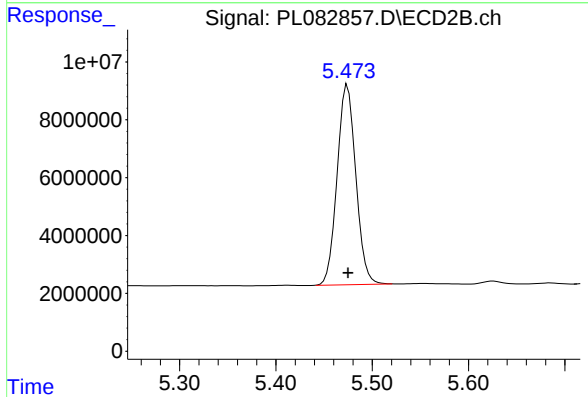
#14 Endrin

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 99724699
Conc: 37.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

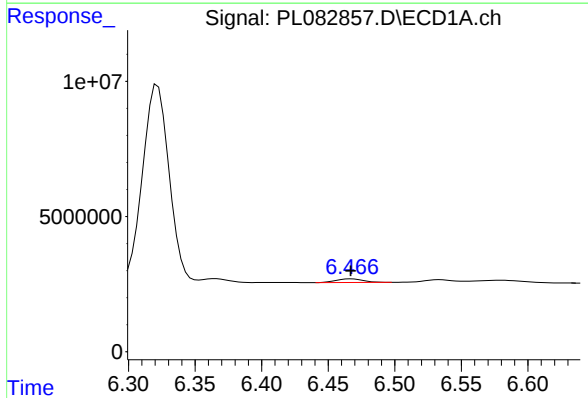
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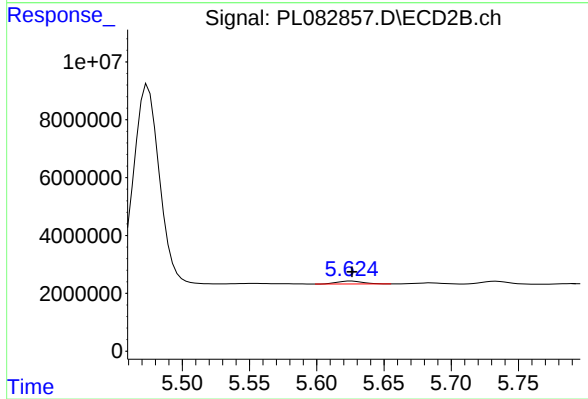
#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 93296705
Conc: 36.78 ng/ml



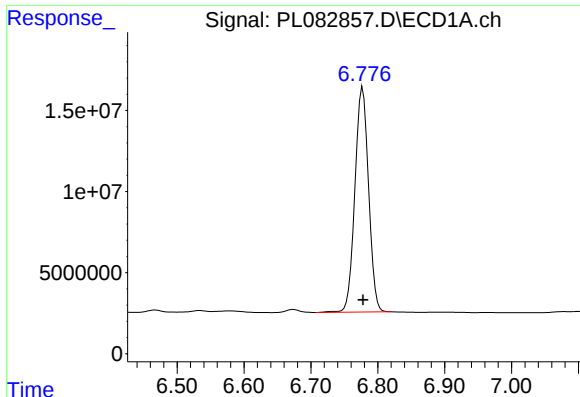
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 1865965
Conc: 0.86 ng/ml m



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 1380911
Conc: 0.72 ng/ml m



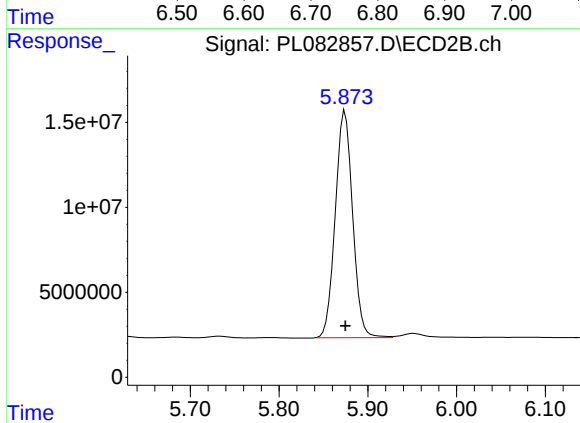
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 196868728
Conc: 78.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

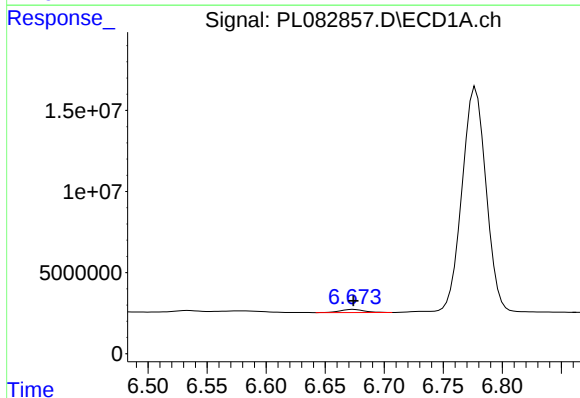
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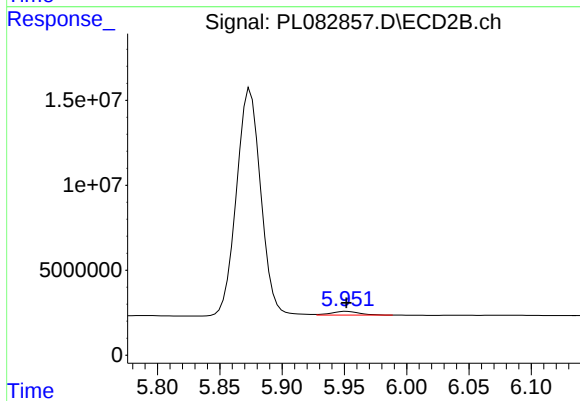
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 181613275
Conc: 81.40 ng/ml



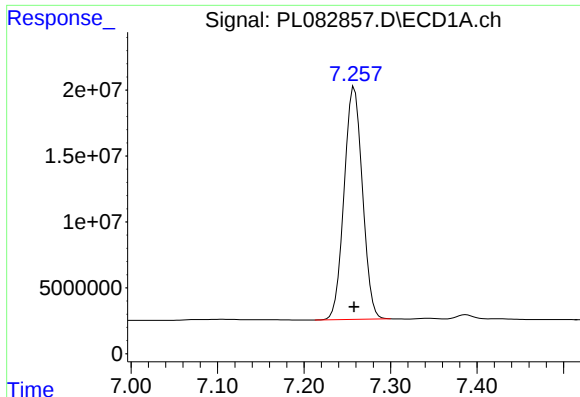
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 2721213
Conc: 1.35 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 3511490
Conc: 1.78 ng/ml m



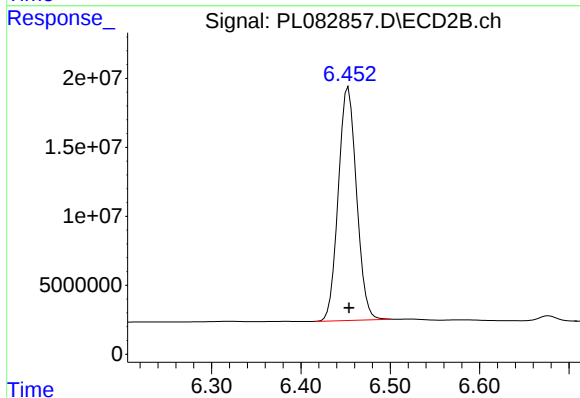
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 258400175
Conc: 195.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

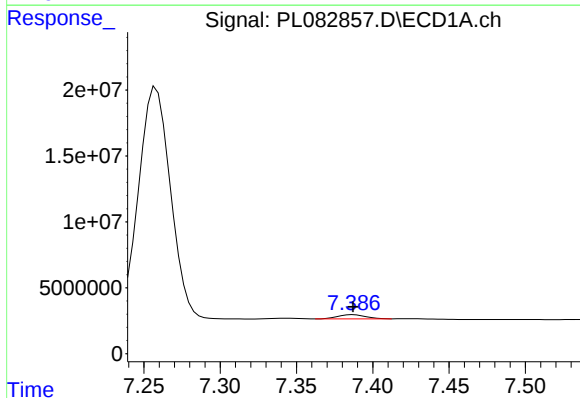
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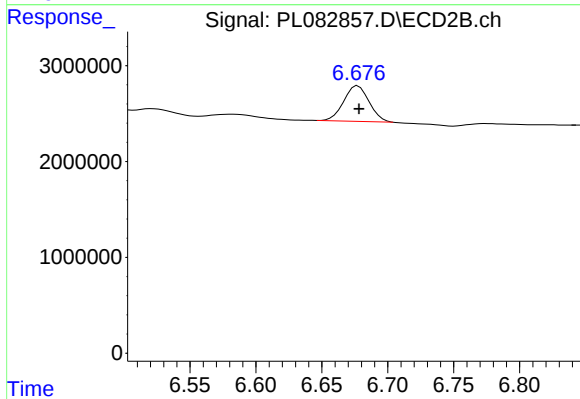
#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 239711537
Conc: 188.49 ng/ml



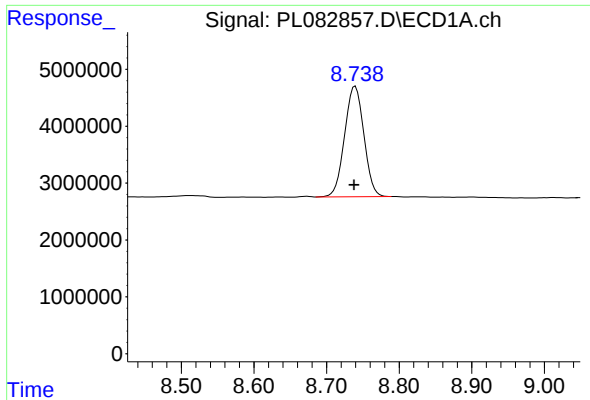
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.001 min
Response: 4023765
Conc: 1.58 ng/ml m



#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 4981919
Conc: 1.84 ng/ml m



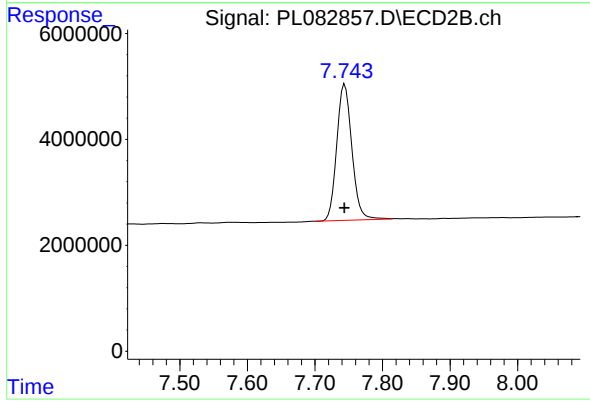
#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: 0.002 min
Response: 35886133
Conc: 17.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 40215099
Conc: 16.17 ng/ml