

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
 Data File : PL082865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2023 11:08
 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 12:21:37 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...	3.319	2.639	48753837	42431952	16.588	16.345
28)	SA Decachlor...	8.739	7.746	36002020	41244280	17.166	16.587
Target Compounds							
2)	A alpha-BHC	3.768	3.135	33784407	26398893	7.610	7.075
3)	MA gamma-BHC...	4.097	3.462	33614242	25306255	8.114	7.592
6)	B beta-BHC	4.300	3.763	16369079	13570705	8.694	9.489
12)	B 4,4'-DDE	5.950	5.073	250794	192307	0.091	0.079m
14)	MA Endrin	6.321	5.477	98765661	93145331	36.753	36.715
16)	A 4,4'-DDD	6.464	5.626	2387828	1860439	1.099m	0.967m
17)	MA 4,4'-DDT	6.776	5.876	194.7E6	182.2E6	77.799	81.687
18)	B Endrin al...	6.673	5.952	2736849	3581325	1.361	1.811m#
20)	A Methoxychlor	7.258	6.455	257.1E6	242.8E6	194.456	190.927
21)	B Endrin ke...	7.385	6.678	4862251	5493038	1.906m	2.032m

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

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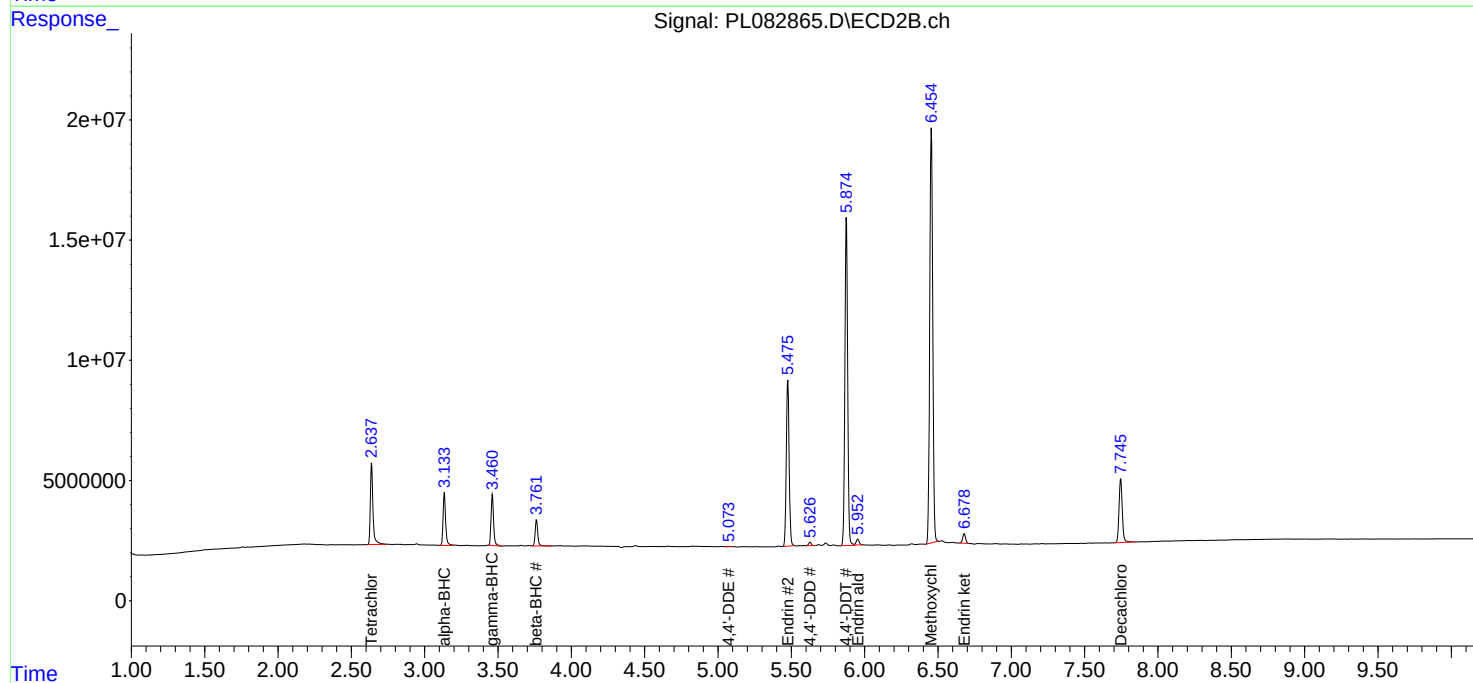
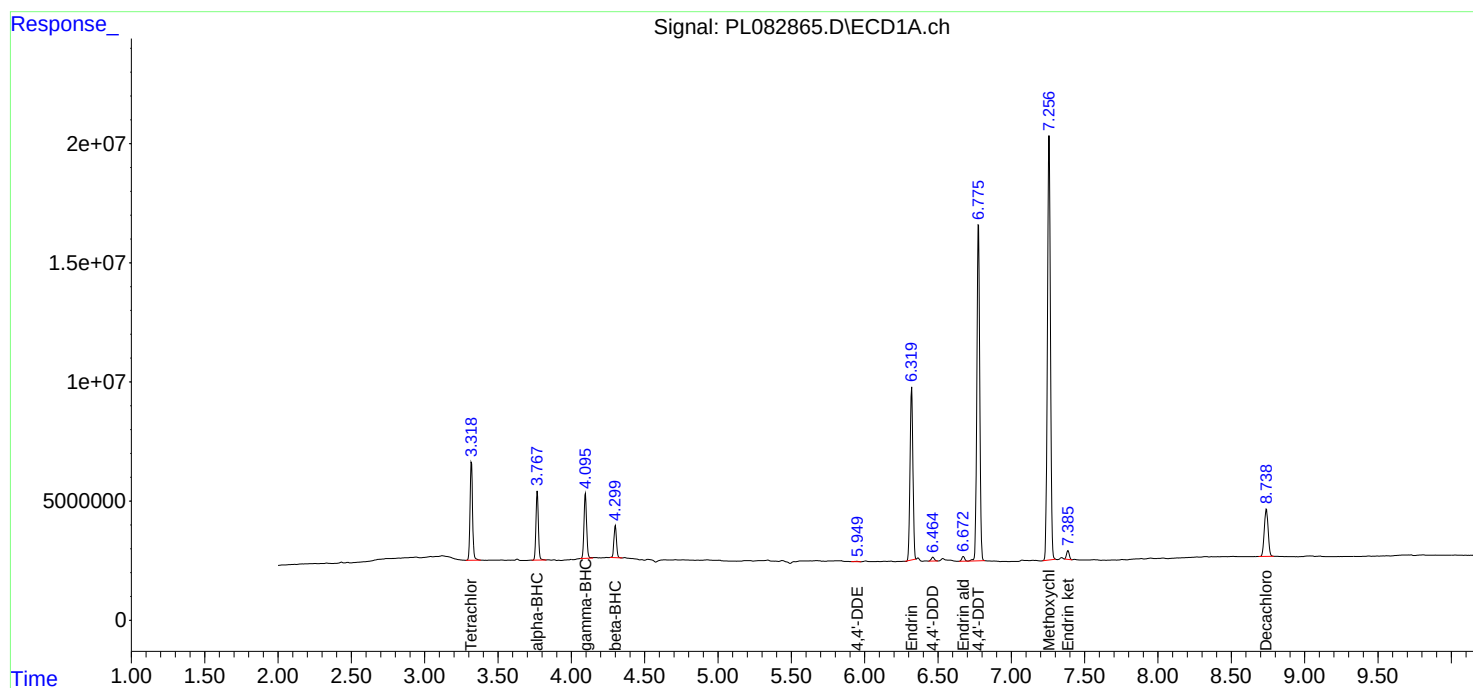
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PEM

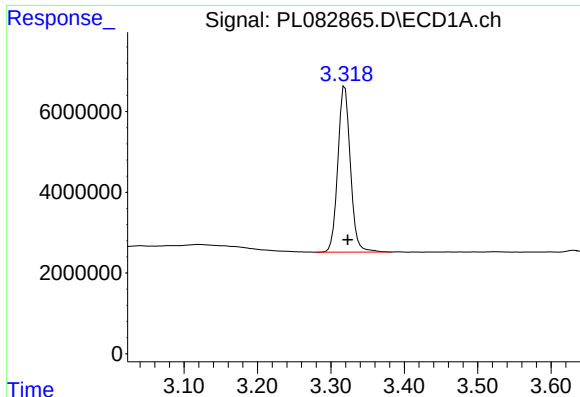
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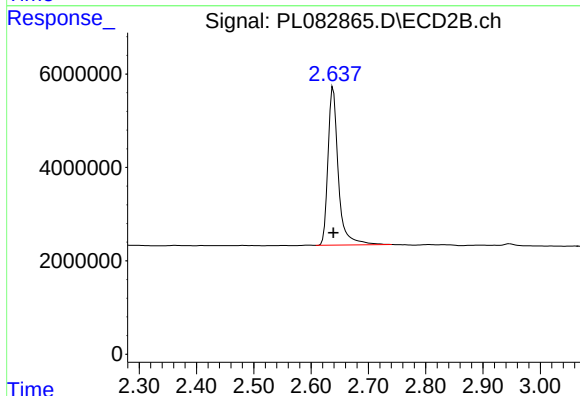
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 48753837
Conc: 16.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

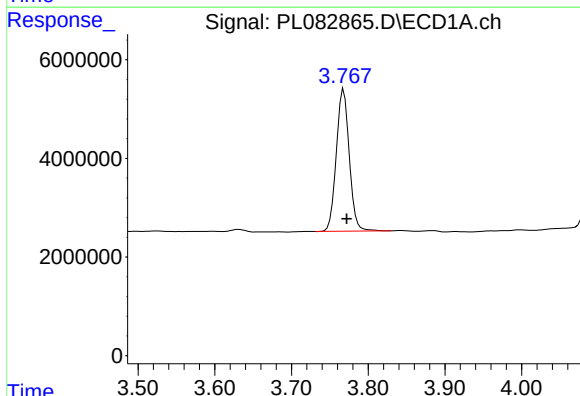
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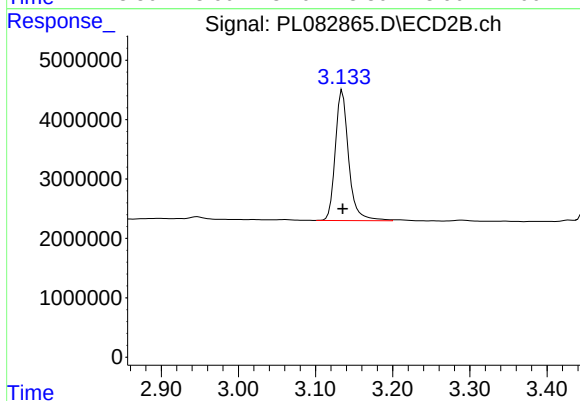
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: 0.000 min
Response: 42431952
Conc: 16.34 ng/ml



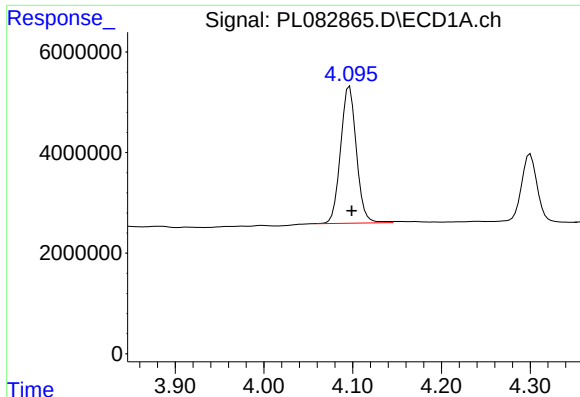
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 33784407
Conc: 7.61 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 26398893
Conc: 7.07 ng/ml



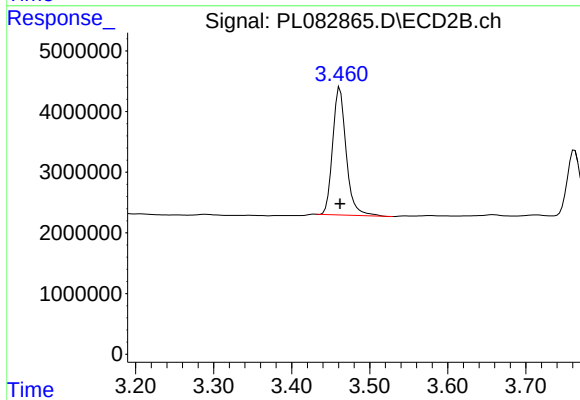
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 33614242
Conc: 8.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

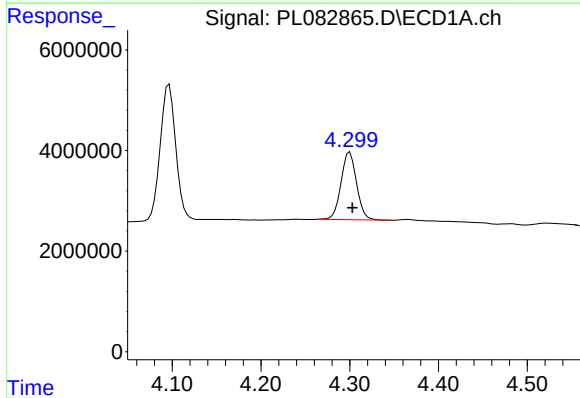
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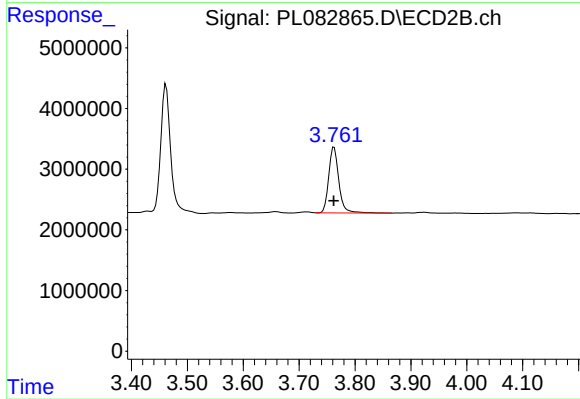
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 25306255
Conc: 7.59 ng/ml



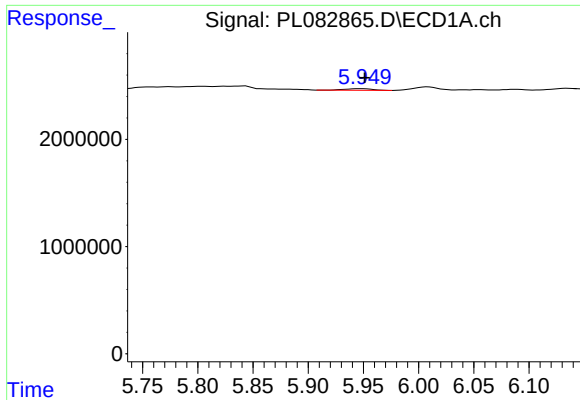
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 16369079
Conc: 8.69 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 13570705
Conc: 9.49 ng/ml



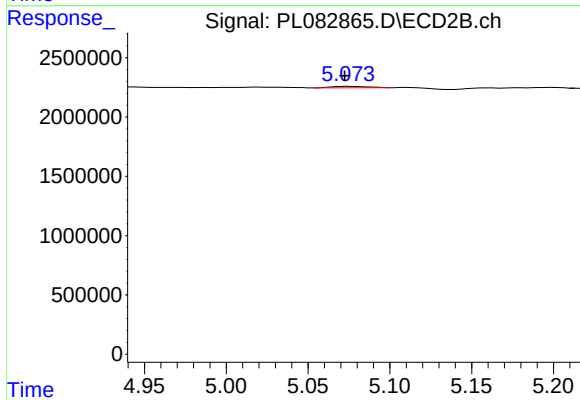
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 250794
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

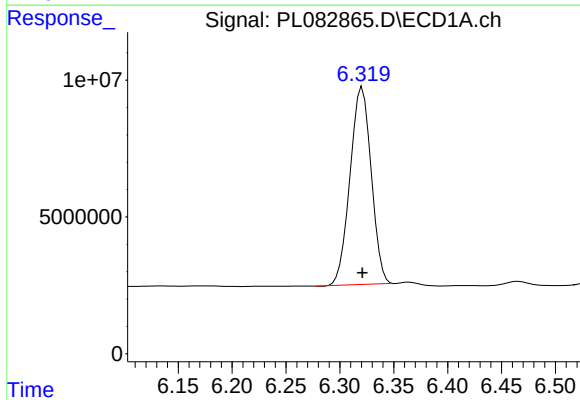
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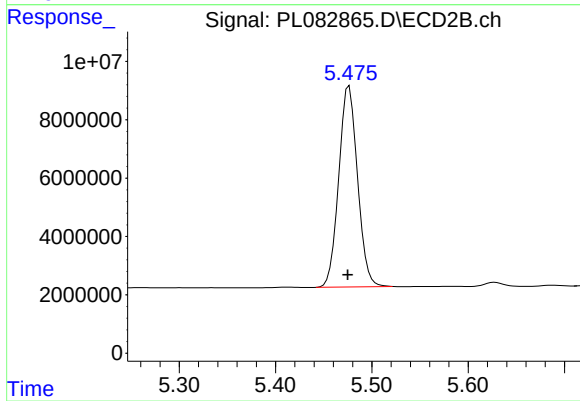
#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 192307
Conc: 0.08 ng/ml m



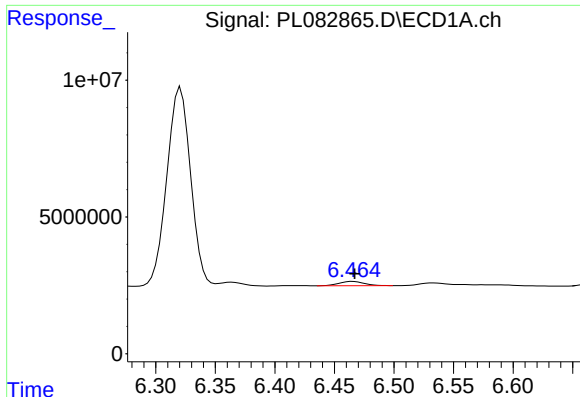
#14 Endrin

R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 98765661
Conc: 36.75 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: 0.002 min
Response: 93145331
Conc: 36.72 ng/ml



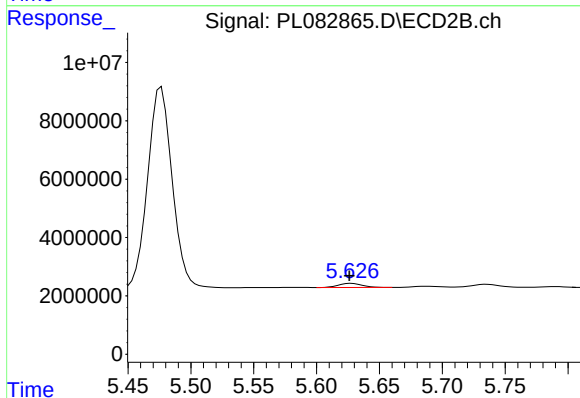
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 2387828
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

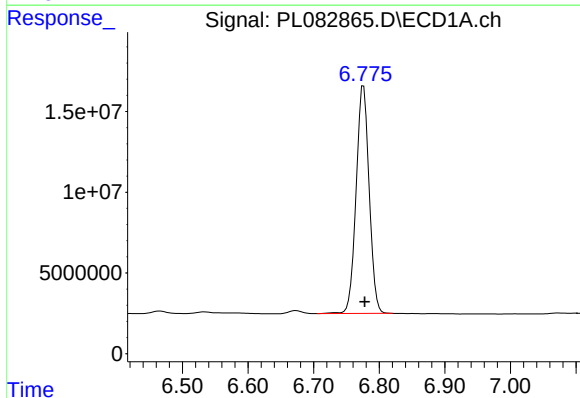
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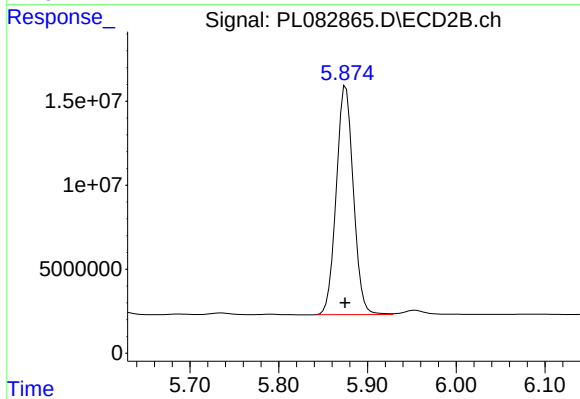
#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 1860439
Conc: 0.97 ng/ml m



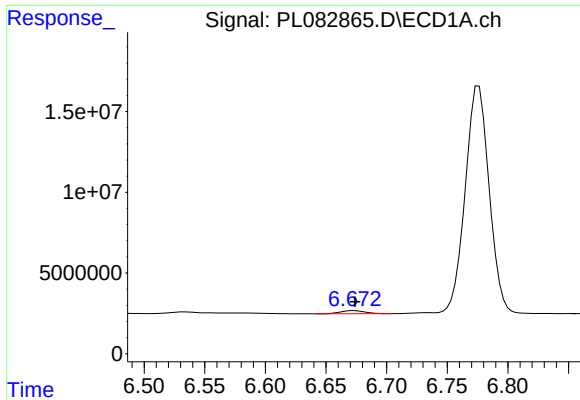
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 194745562
Conc: 77.80 ng/ml



#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: 0.001 min
Response: 182245969
Conc: 81.69 ng/ml



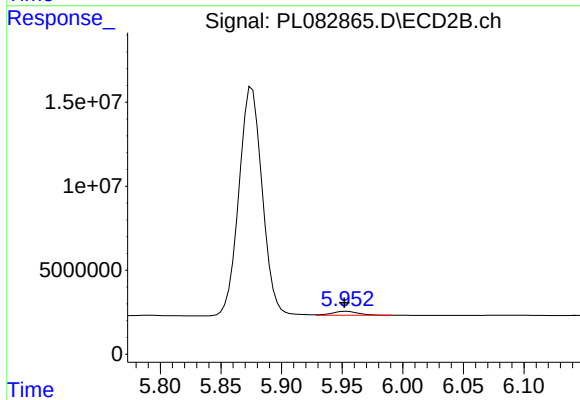
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 2736849
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

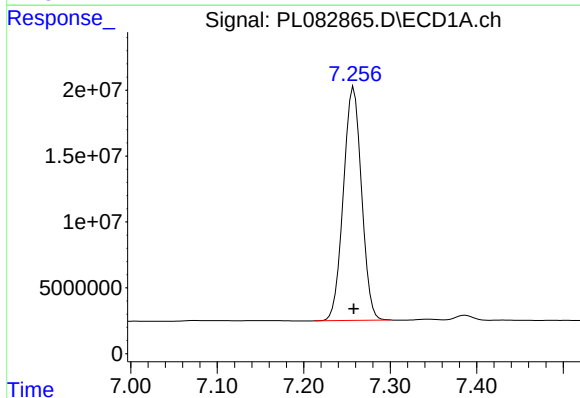
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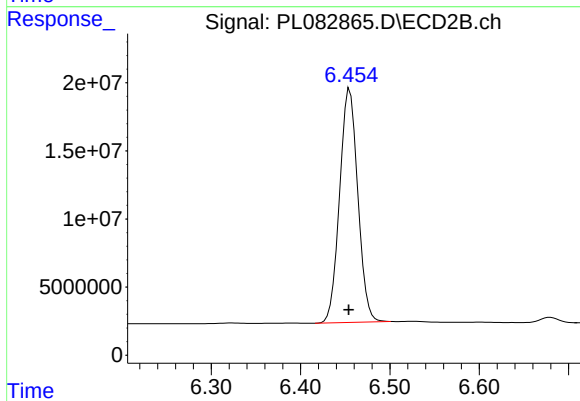
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 3581325
Conc: 1.81 ng/ml m



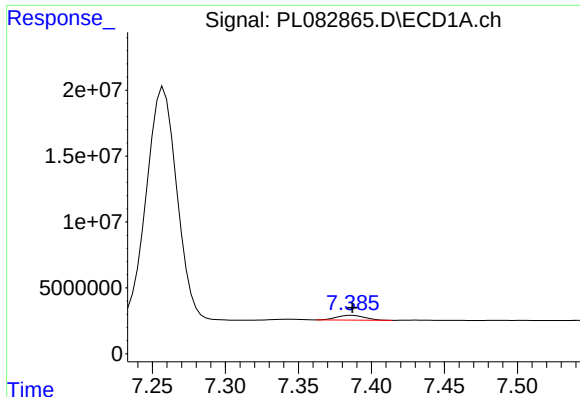
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 257144795
Conc: 194.46 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: 0.001 min
Response: 242811339
Conc: 190.93 ng/ml



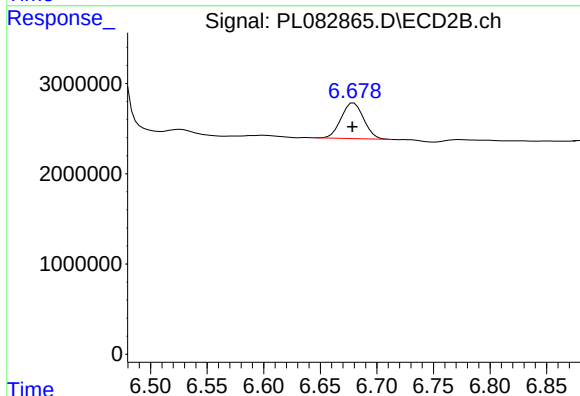
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 4862251
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

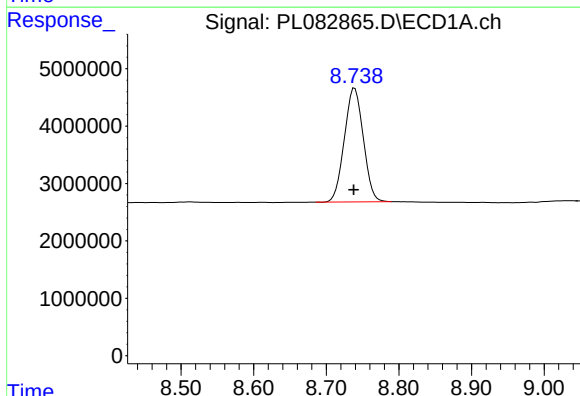
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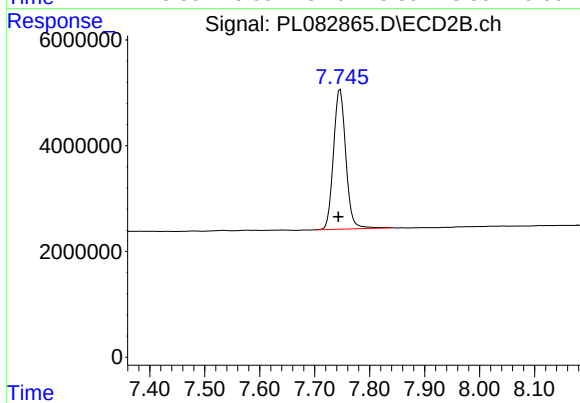
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 5493038
Conc: 2.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: 0.001 min
Response: 36002020
Conc: 17.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.746 min
Delta R.T.: 0.003 min
Response: 41244280
Conc: 16.59 ng/ml