

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 18:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:25:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.318	2.641	49978386	44011896	18.710	18.997
28)	SA Decachlor...	8.736	7.750	35579374	41579036	18.637	18.216
Target Compounds							
2)	A alpha-BHC	3.767	3.138	33719053	29539204	8.472	8.679
3)	MA gamma-BHC...	4.096	3.465	32729245	27840917	8.754	8.659
6)	B beta-BHC	4.299	3.766	17089937	13602616	10.020	9.970
14)	MA Endrin	6.319	5.480	103.2E6	102.8E6	42.559	42.030
16)	A 4,4'-DDD	6.463	5.631	5946180	5413903	2.933	2.895
17)	MA 4,4'-DDT	6.774	5.880	195.3E6	203.6E6	85.353	96.367
18)	B Endrin al...	6.670	5.957	2544751	4289012	1.351m	2.292 #
20)	A Methoxychlor	7.254	6.457	267.5E6	274.7E6	219.241m	226.664m
21)	B Endrin ke...	7.385	6.683	5859381	5950152	2.447	2.344

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

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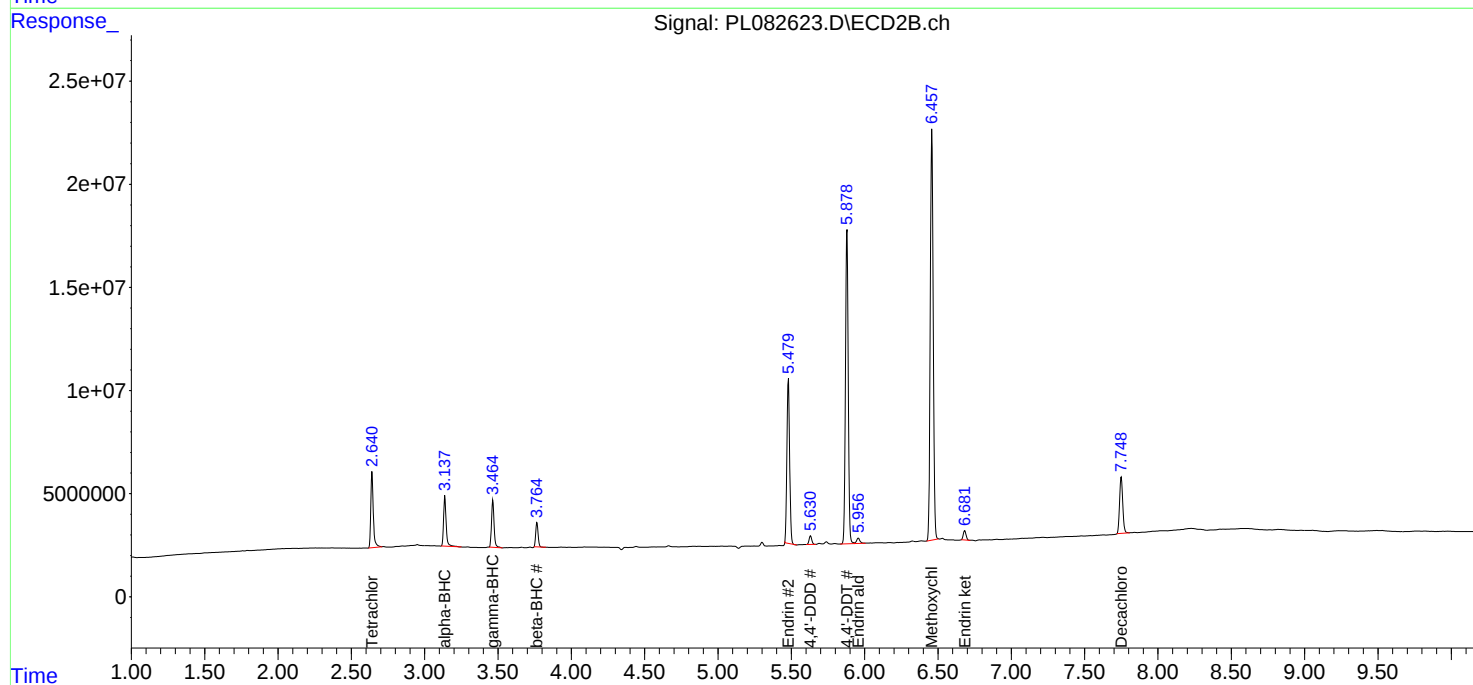
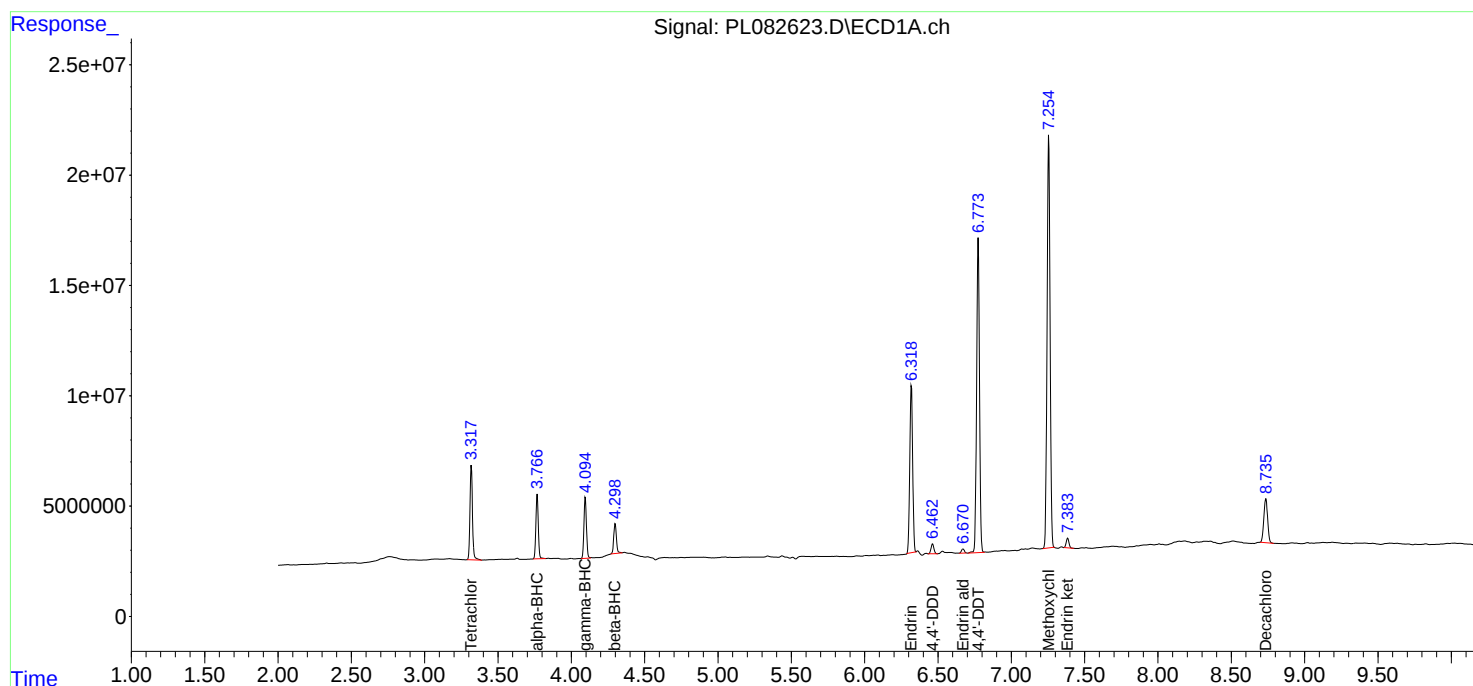
Instrument :
ECD_L
ClientSampleId :
PEM

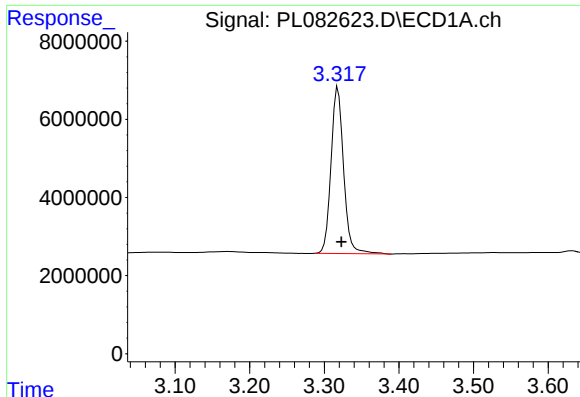
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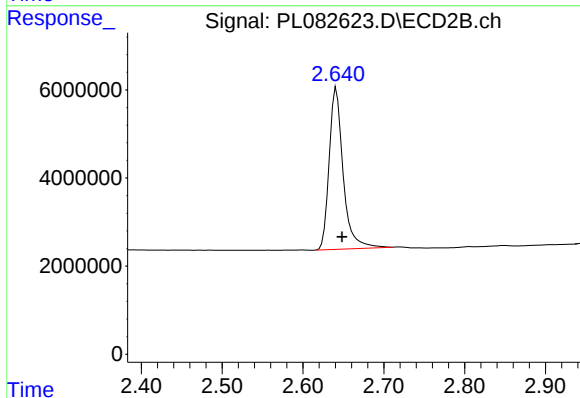
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 49978386
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

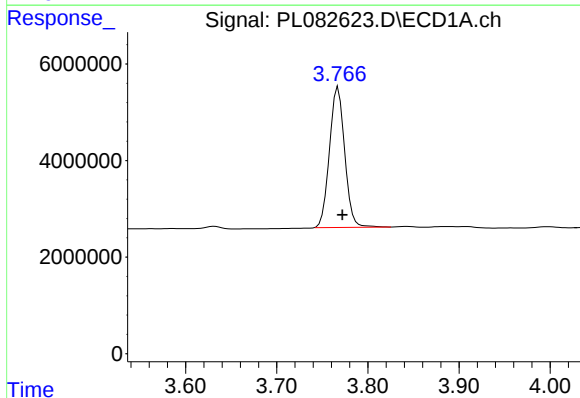
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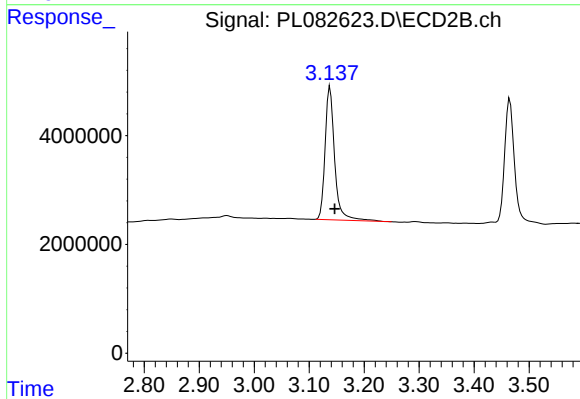
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 44011896
Conc: 19.00 ng/ml



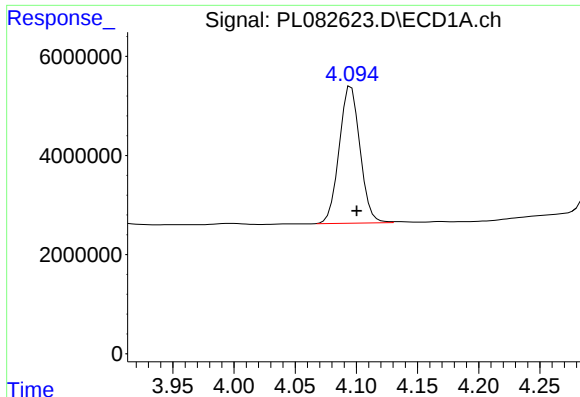
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 33719053
Conc: 8.47 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 29539204
Conc: 8.68 ng/ml



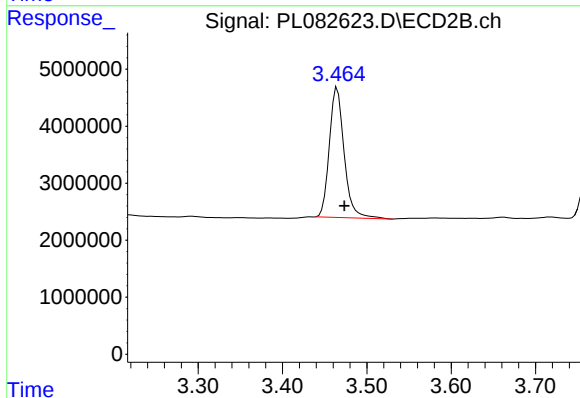
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 32729245
Conc: 8.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

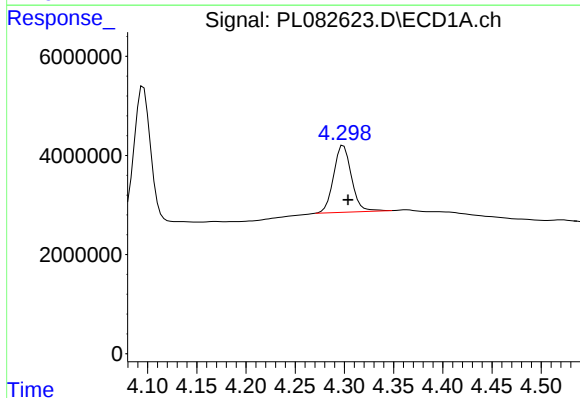
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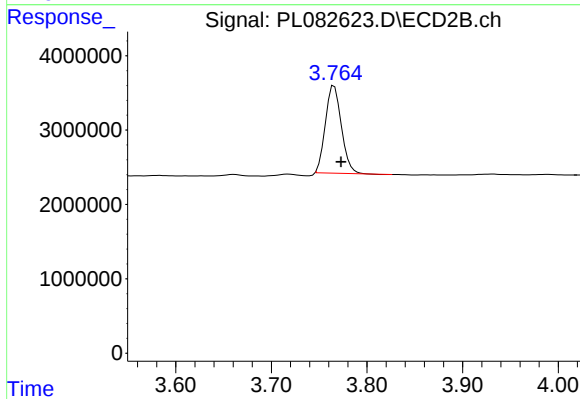
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 27840917
Conc: 8.66 ng/ml



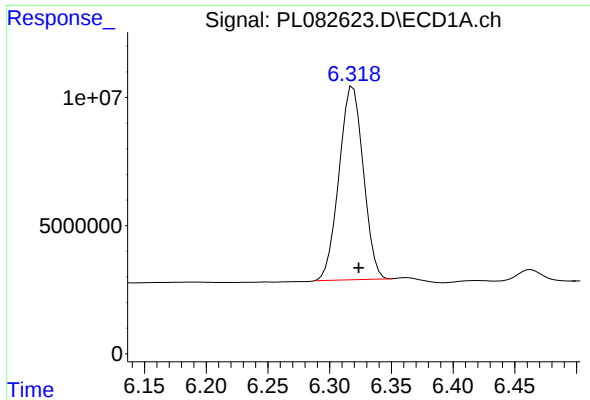
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 17089937
Conc: 10.02 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 13602616
Conc: 9.97 ng/ml



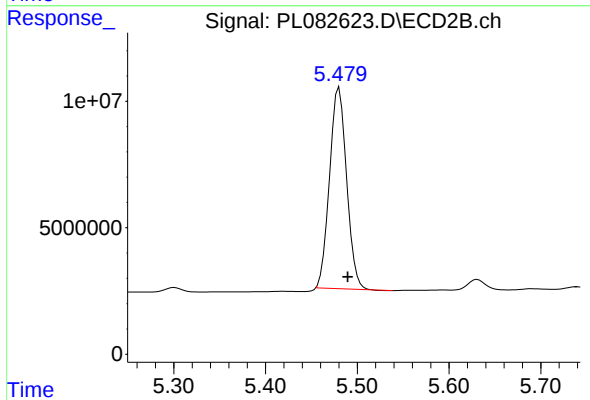
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 103186640
Conc: 42.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

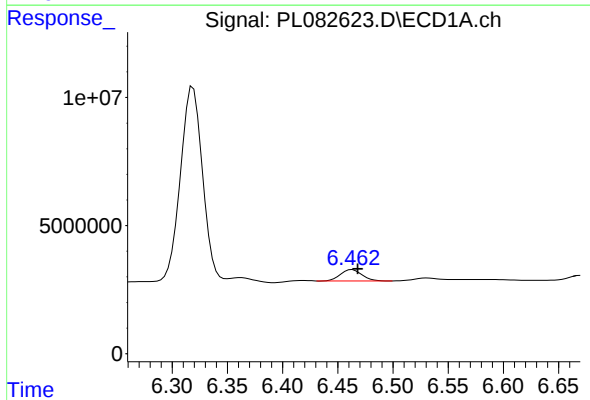
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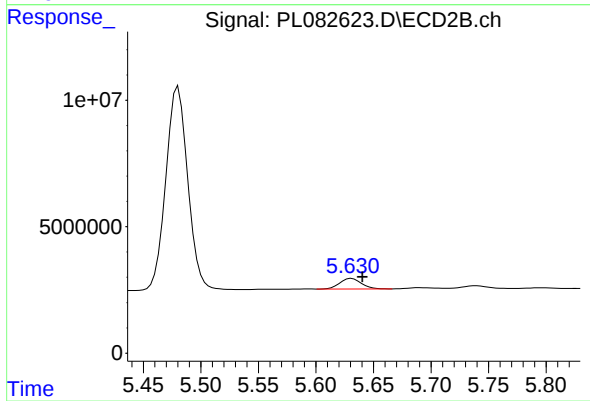
#14 Endrin

R.T.: 5.480 min
Delta R.T.: -0.009 min
Response: 102803984
Conc: 42.03 ng/ml



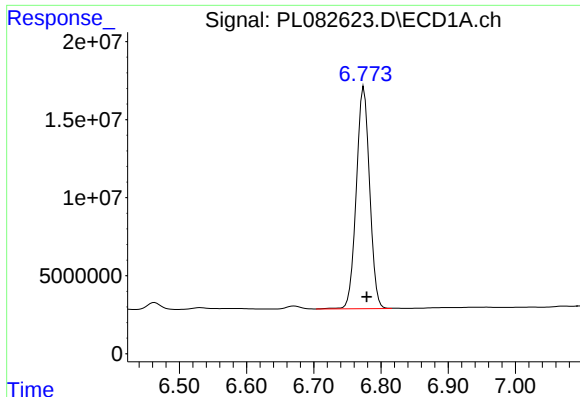
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 5946180
Conc: 2.93 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 5413903
Conc: 2.89 ng/ml



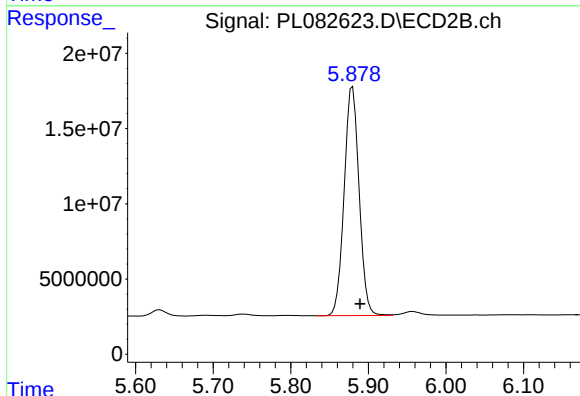
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 195263445
Conc: 85.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

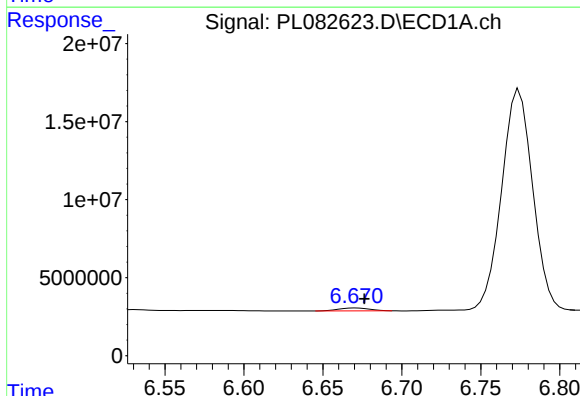
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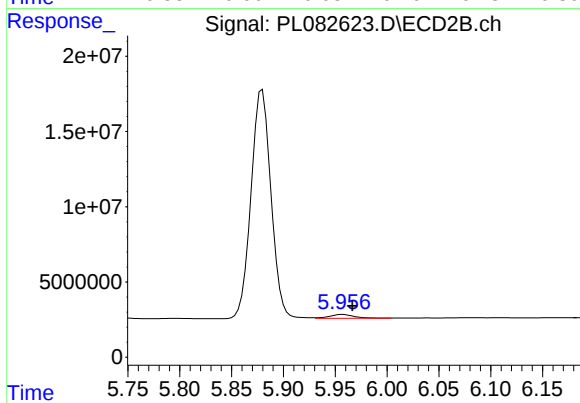
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.009 min
Response: 203584615
Conc: 96.37 ng/ml



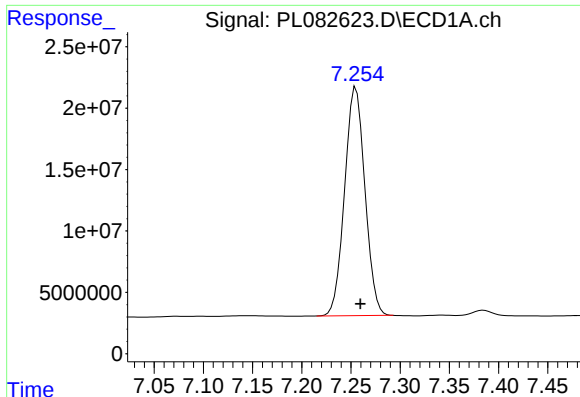
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.007 min
Response: 2544751
Conc: 1.35 ng/ml m



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 4289012
Conc: 2.29 ng/ml



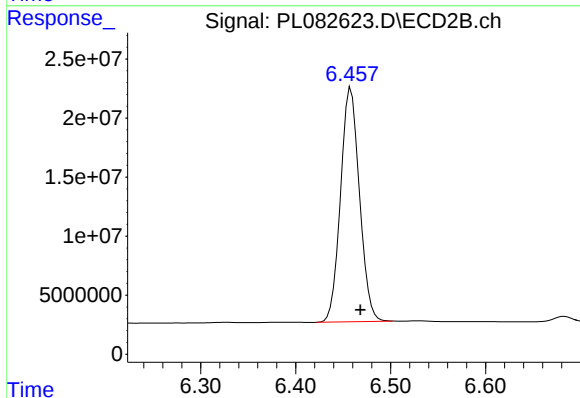
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 267546368
Conc: 219.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

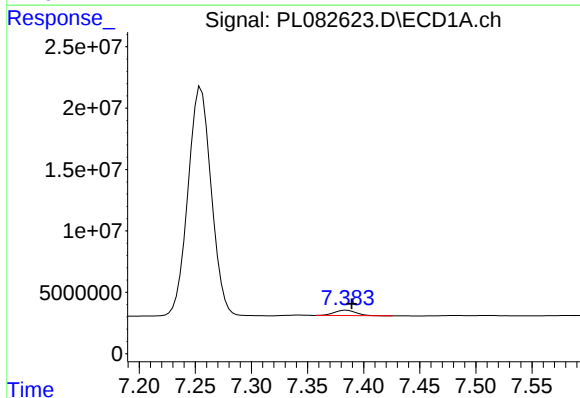
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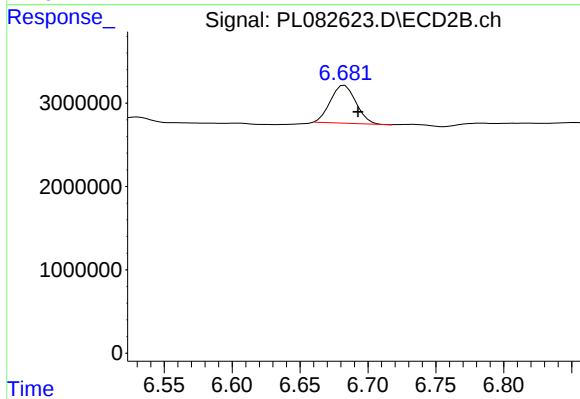
#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 274679189
Conc: 226.66 ng/ml m



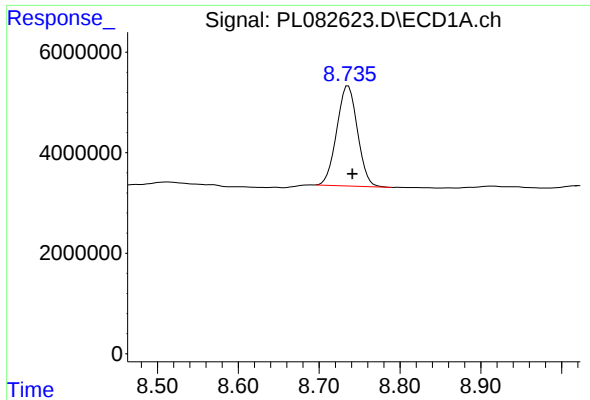
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 5859381
Conc: 2.45 ng/ml



#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 5950152
Conc: 2.34 ng/ml



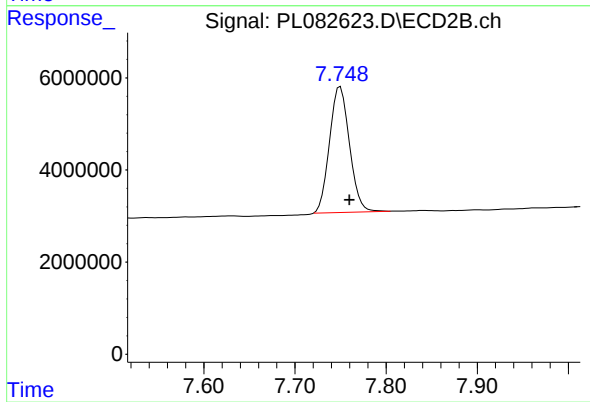
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 35579374
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 41579036
Conc: 18.22 ng/ml