

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
 Data File : PL082976.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 02:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:32:53 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...	3.317	2.638	52620544	44540053	17.904	17.157
28)	SA Decachlor...	8.734	7.743	38228925	43253756	18.227	17.395
Target Compounds							
2)	A alpha-BHC	3.766	3.134	36343073	28536696	8.187	7.648
3)	MA gamma-BHC...	4.094	3.460	35504999	27112405	8.570	8.134
6)	B beta-BHC	4.298	3.761	17430615	14394032	9.258	10.065
14)	MA Endrin	6.317	5.474	111.9E6	103.9E6	41.655	40.973
16)	A 4,4'-DDD	6.462	5.626	1093141	830727	0.503	0.432
17)	MA 4,4'-DDT	6.773	5.873	213.9E6	195.9E6	85.434	87.825
18)	B Endrin al...	6.670	5.951	2678005	3729459	1.332	1.886 #
20)	A Methoxychlor	7.254	6.452	286.7E6	261.9E6	216.837	205.936
21)	B Endrin ke...	7.382	6.675	4075199	3762071	1.598m	1.391m

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

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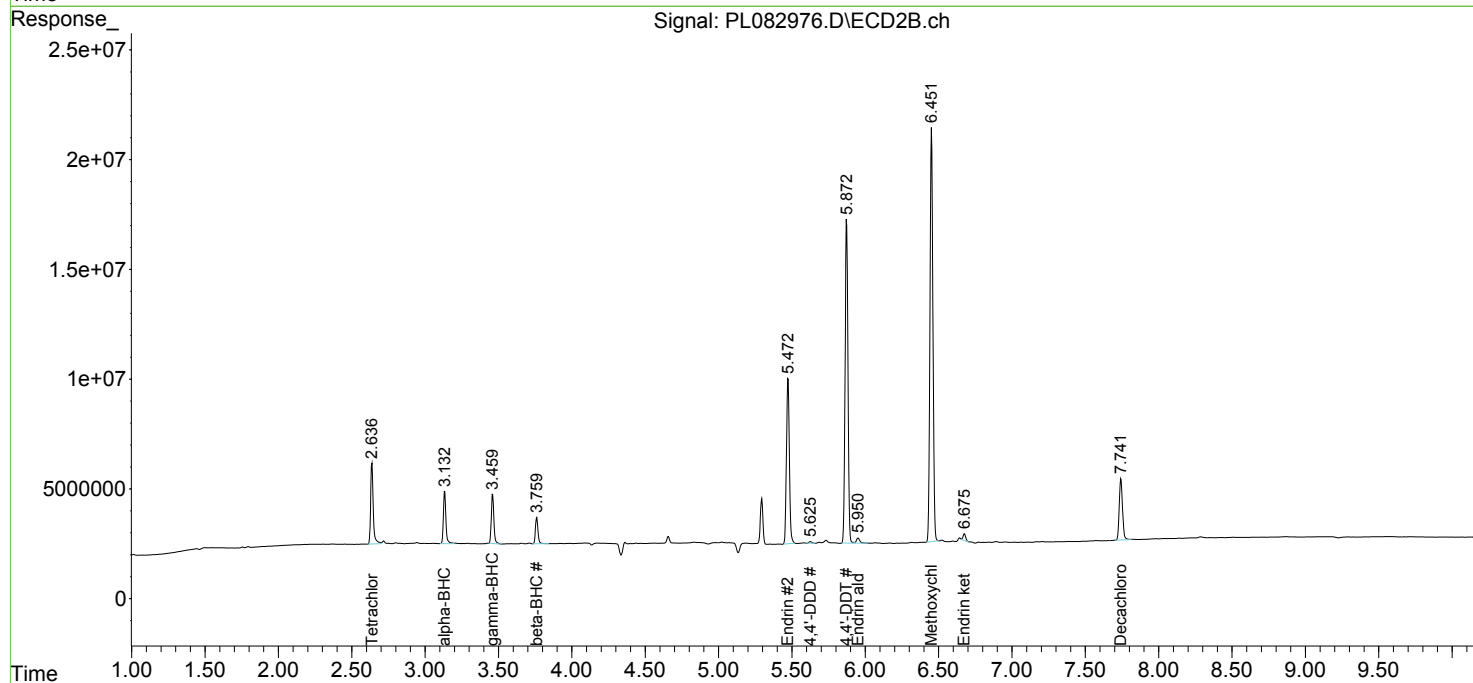
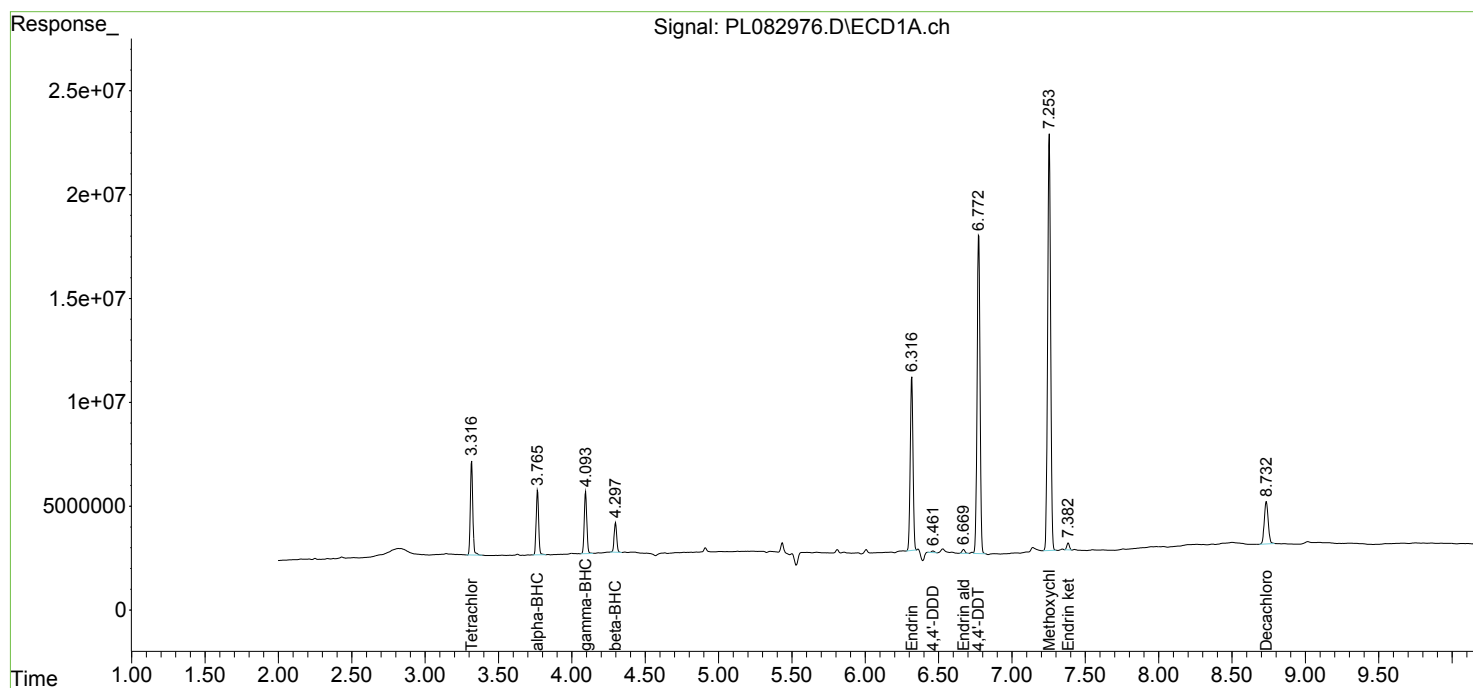
Instrument :
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ClientSampleId :
PEM

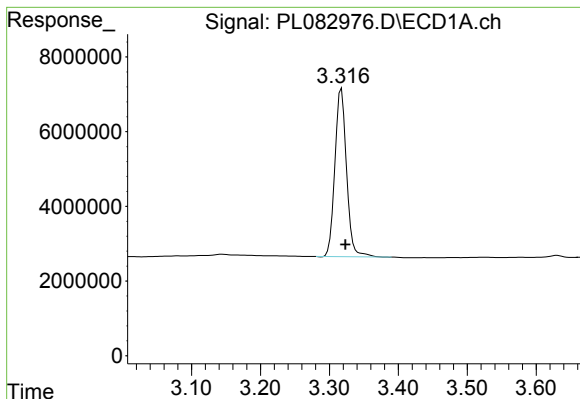
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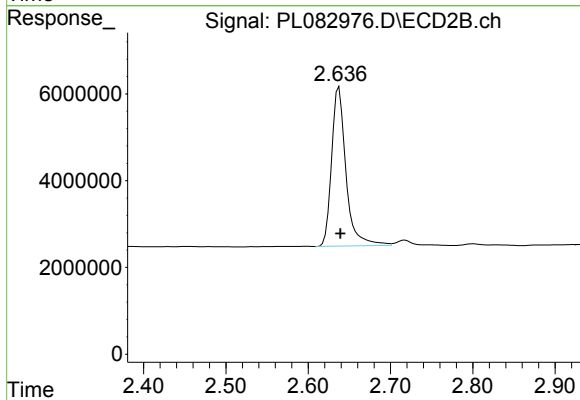
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 52620544
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

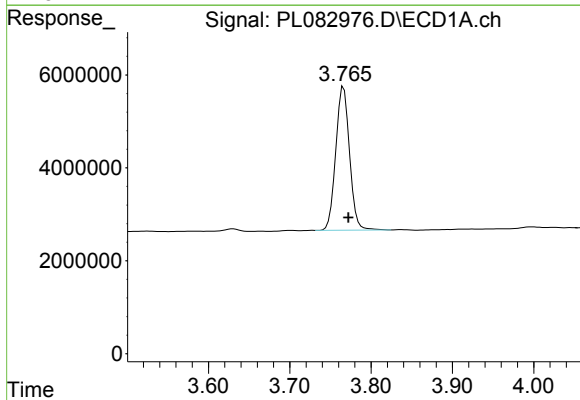
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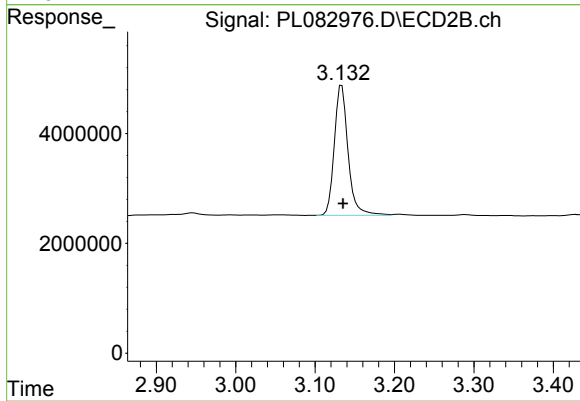
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 44540053
Conc: 17.16 ng/ml



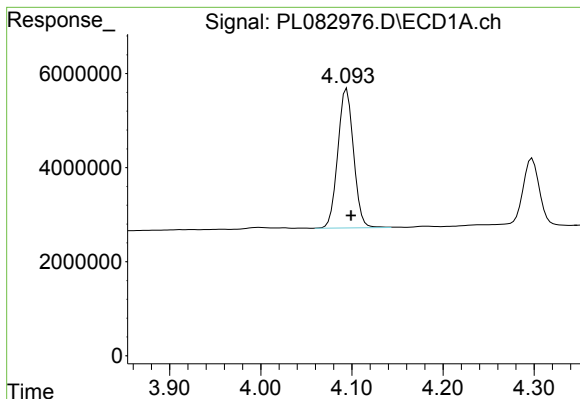
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 36343073
Conc: 8.19 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 28536696
Conc: 7.65 ng/ml



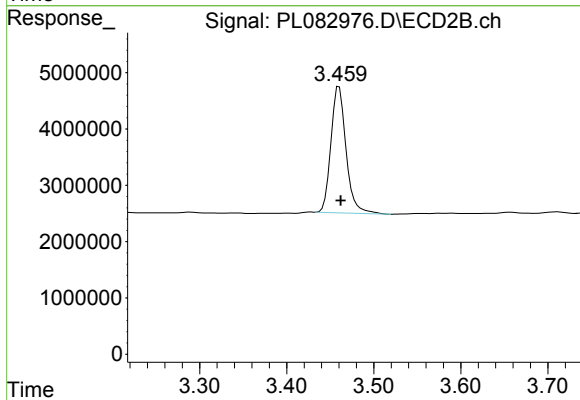
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 35504999
Conc: 8.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

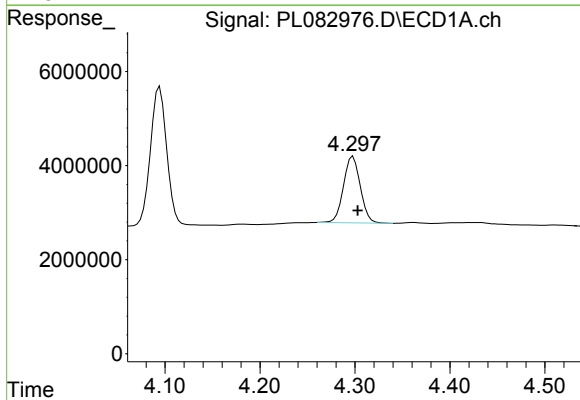
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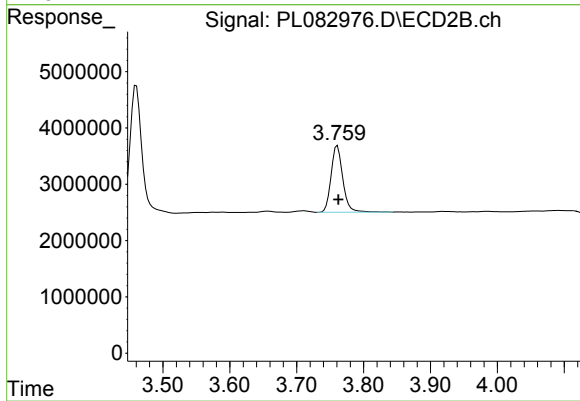
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 27112405
Conc: 8.13 ng/ml



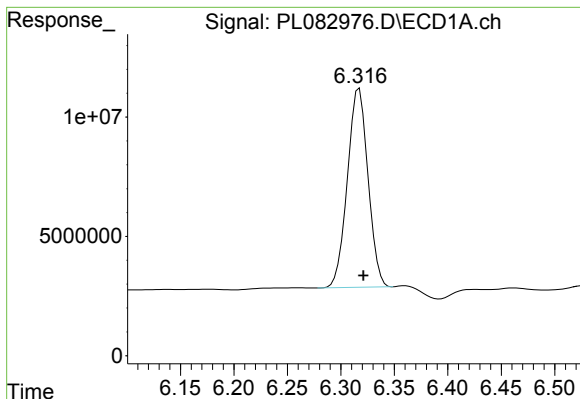
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 17430615
Conc: 9.26 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 14394032
Conc: 10.07 ng/ml



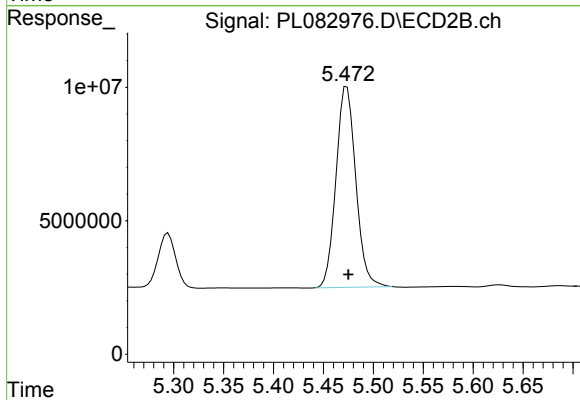
#14 Endrin

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 111936300
Conc: 41.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

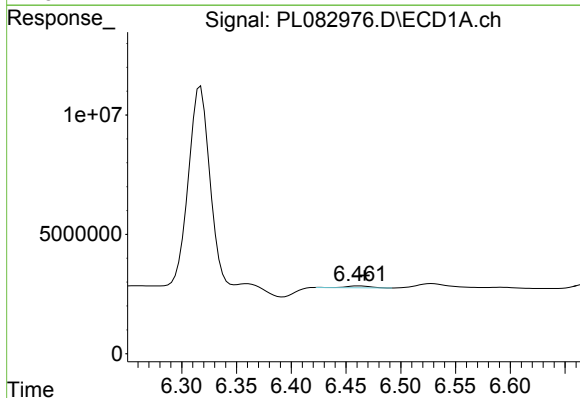
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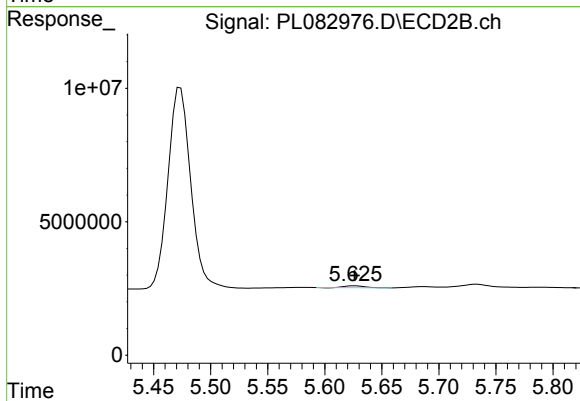
#14 Endrin

R.T.: 5.474 min
Delta R.T.: -0.001 min
Response: 103945989
Conc: 40.97 ng/ml



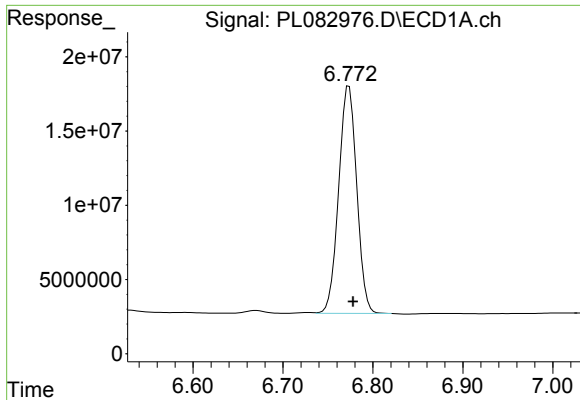
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 1093141
Conc: 0.50 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 830727
Conc: 0.43 ng/ml



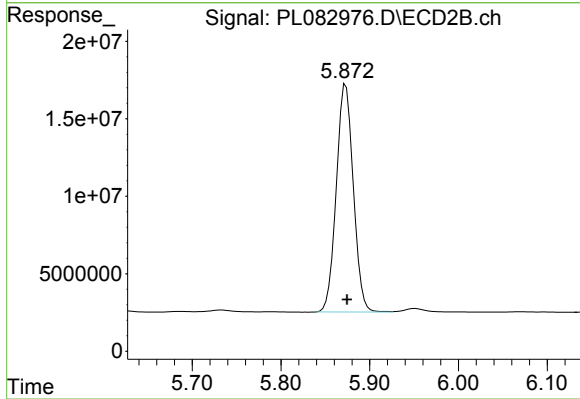
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 213855585
Conc: 85.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

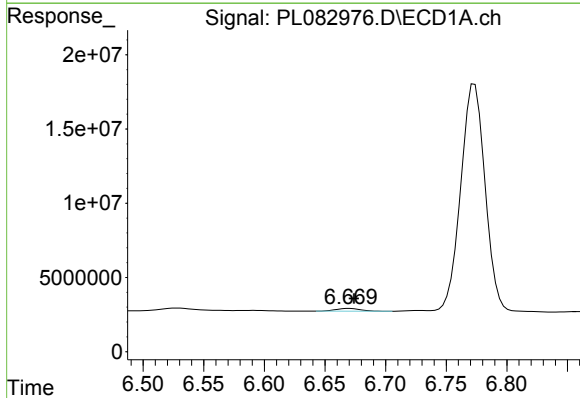
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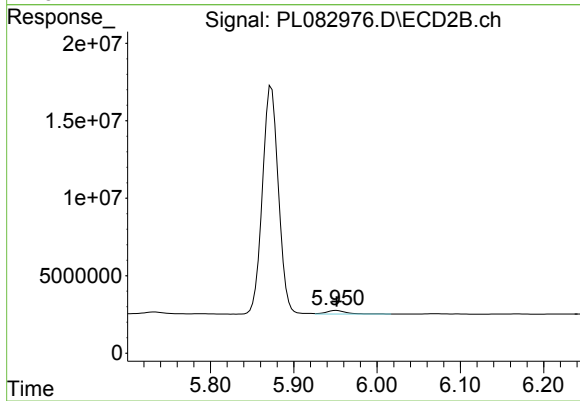
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 195940695
Conc: 87.83 ng/ml



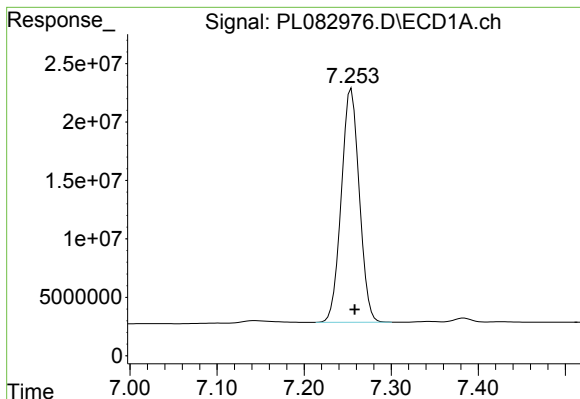
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 2678005
Conc: 1.33 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 3729459
Conc: 1.89 ng/ml



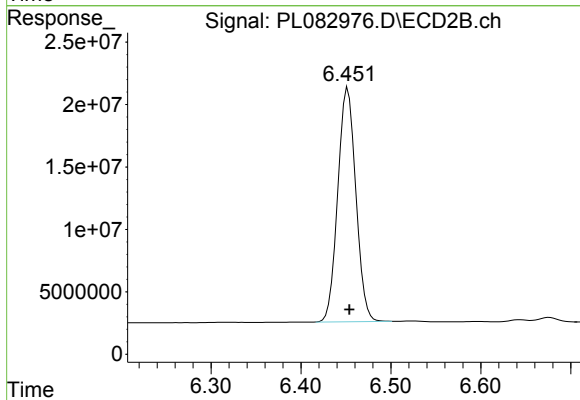
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 286740569
Conc: 216.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

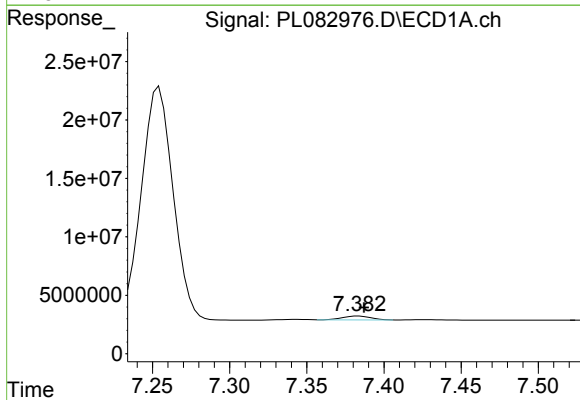
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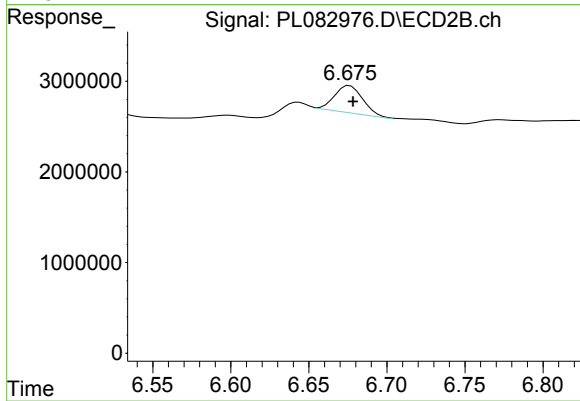
#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 261898244
Conc: 205.94 ng/ml



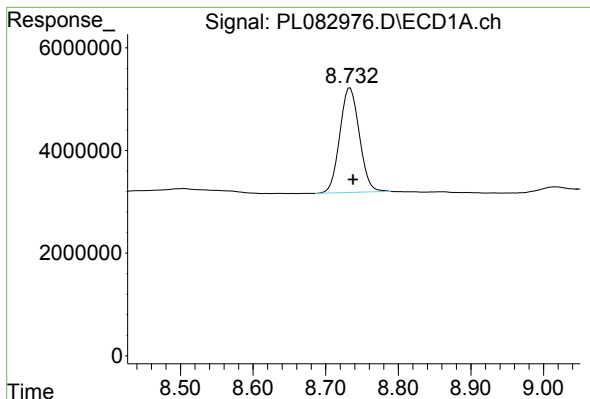
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 4075199
Conc: 1.60 ng/ml m



#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 3762071
Conc: 1.39 ng/ml m



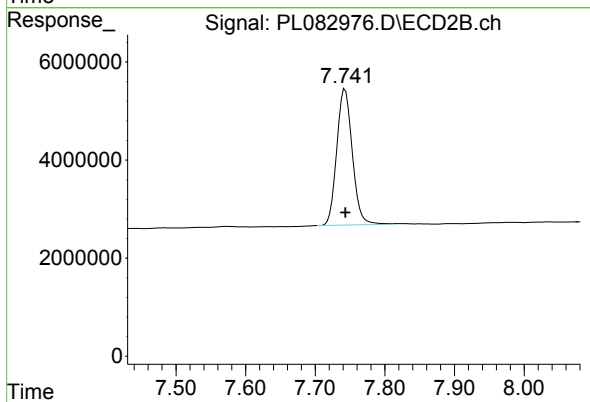
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.004 min
Response: 38228925
Conc: 18.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 43253756
Conc: 17.40 ng/ml