

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 20:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:07:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.423	2.679	68111030	27456417	18.098	16.311
28)	SA Decachlor...	8.979	7.867	68051056	30346700	19.957	17.968
Target Compounds							
2)	A alpha-BHC	3.879	3.182	46641338	18282259	8.615	7.439
3)	MA gamma-BHC...	4.212	3.513	44972492	18023985	8.557	7.441
6)	B beta-BHC	4.411	3.814	21993188	9266339	9.576	8.901
14)	MA Endrin	6.471	5.556	146.2E6	75173167	38.000	37.669
16)	A 4,4'-DDD	6.616	5.717	18485759	6631363	5.593	4.005 #
17)	MA 4,4'-DDT	6.934	5.969	295.4E6	139.3E6	78.551	75.531
18)	B Endrin al...	6.825	6.035	8003635	3021405	2.761	2.059m#
20)	A Methoxychlor	7.419	6.556	381.2E6	182.8E6	195.500	178.937
21)	B Endrin ke...	7.547	6.766	13889466	7518695	3.414	3.532

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

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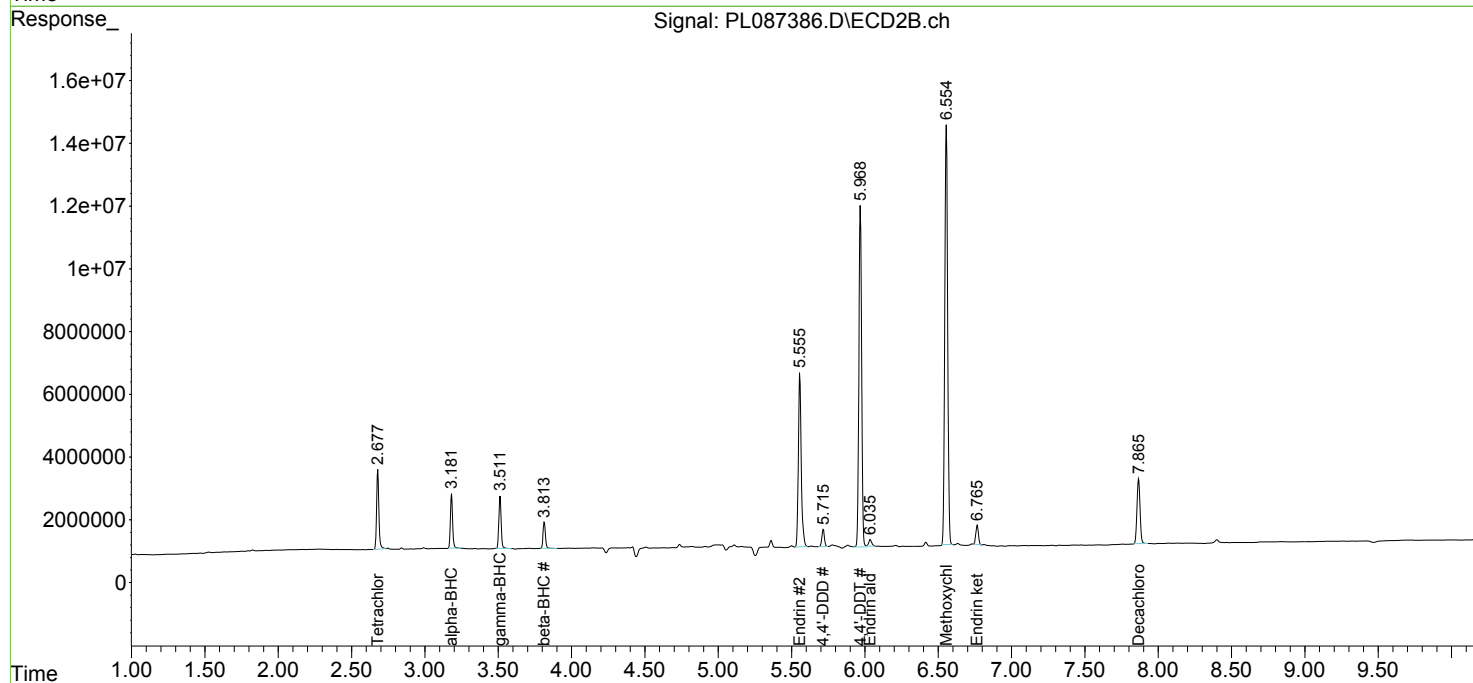
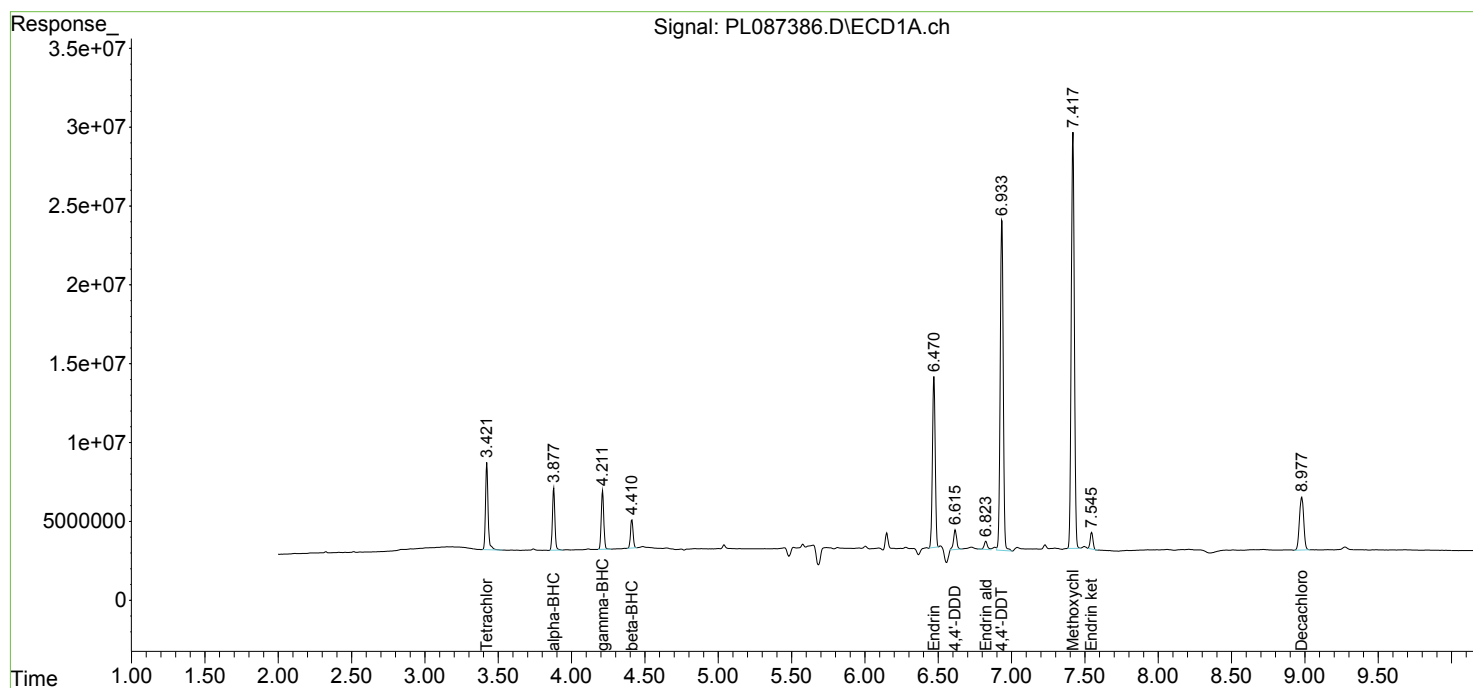
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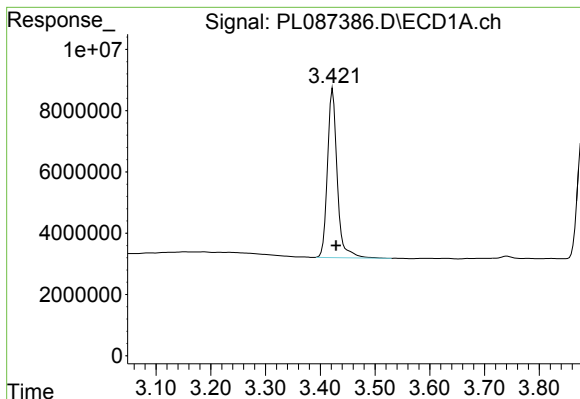
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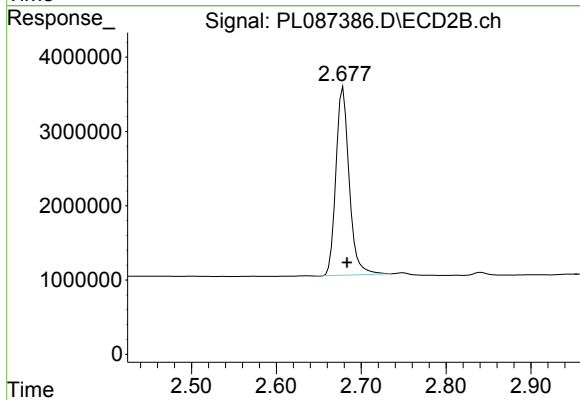
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 68111030
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

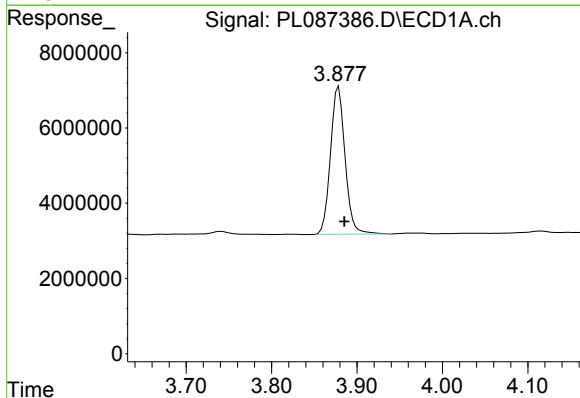
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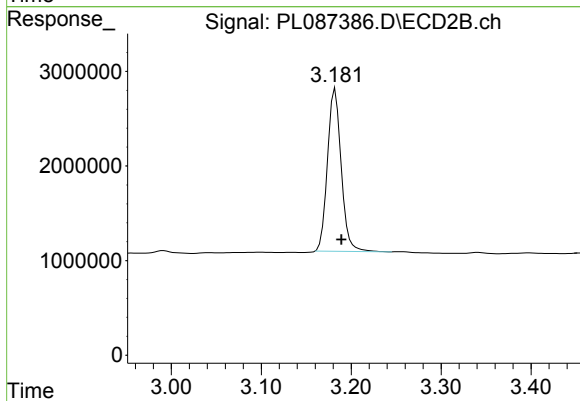
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 27456417
Conc: 16.31 ng/ml



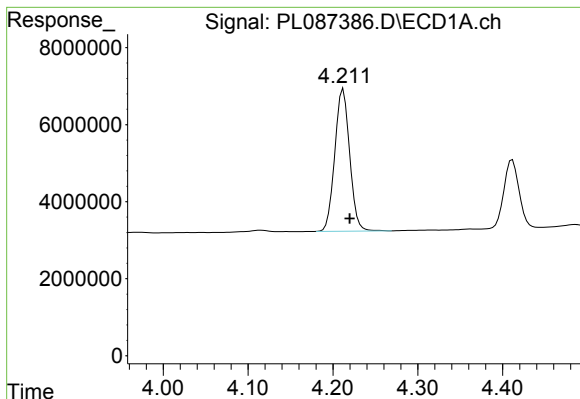
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 46641338
Conc: 8.61 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 18282259
Conc: 7.44 ng/ml



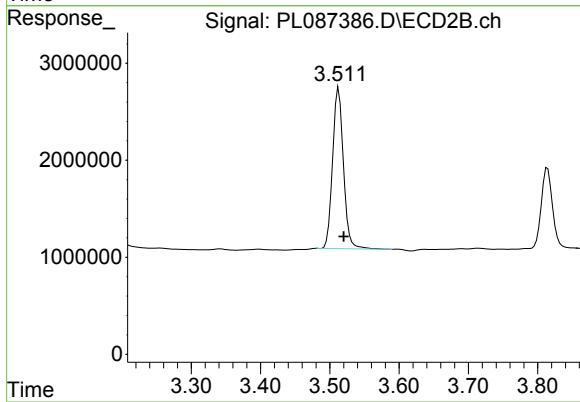
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.007 min
Response: 44972492
Conc: 8.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

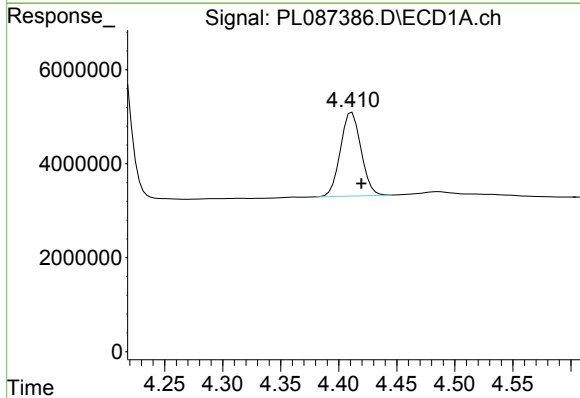
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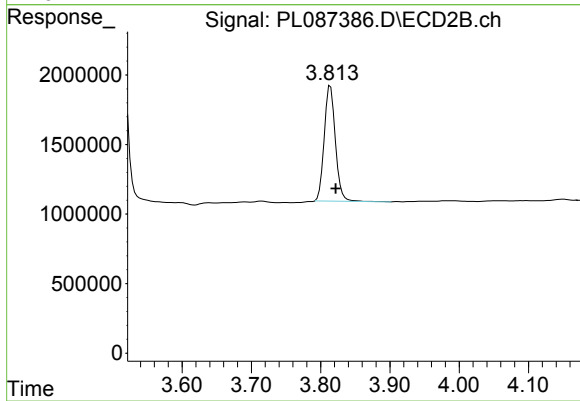
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 18023985
Conc: 7.44 ng/ml



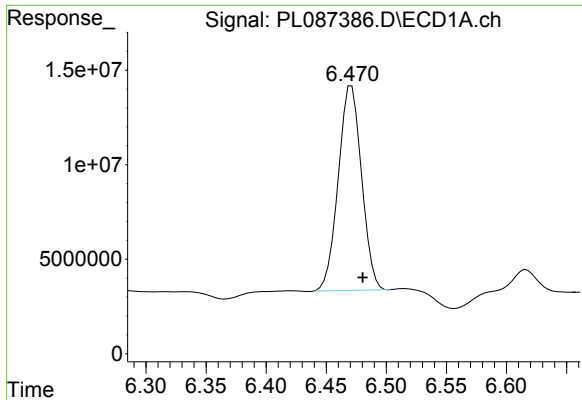
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 21993188
Conc: 9.58 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 9266339
Conc: 8.90 ng/ml



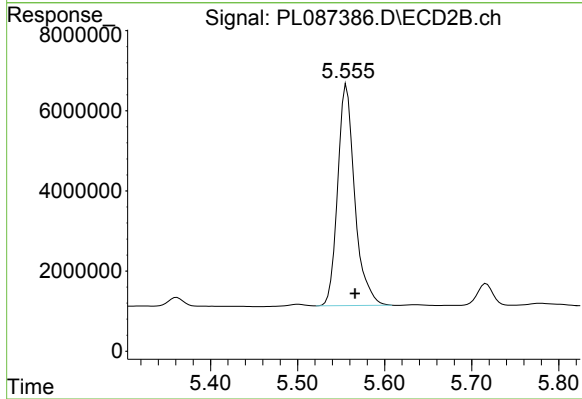
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 146198505
Conc: 38.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

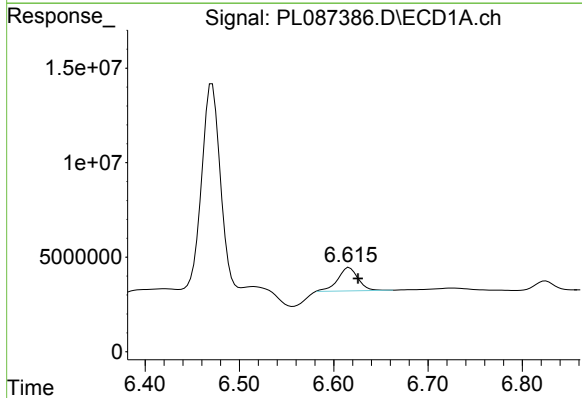
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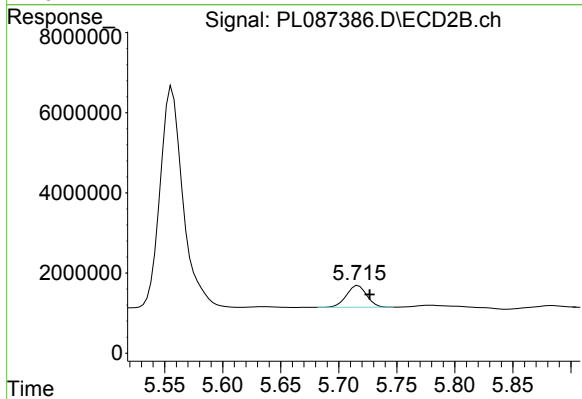
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 75173167
Conc: 37.67 ng/ml



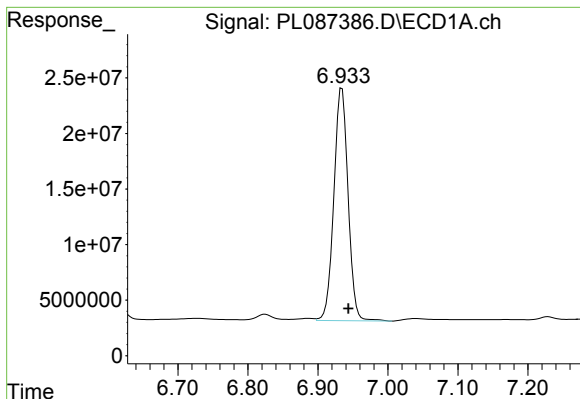
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.009 min
Response: 18485759
Conc: 5.59 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 6631363
Conc: 4.01 ng/ml



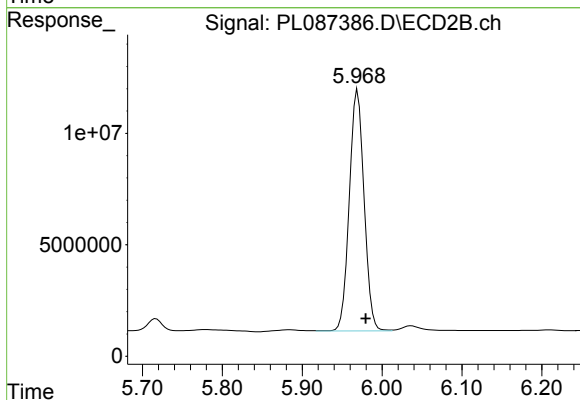
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 295368372
Conc: 78.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

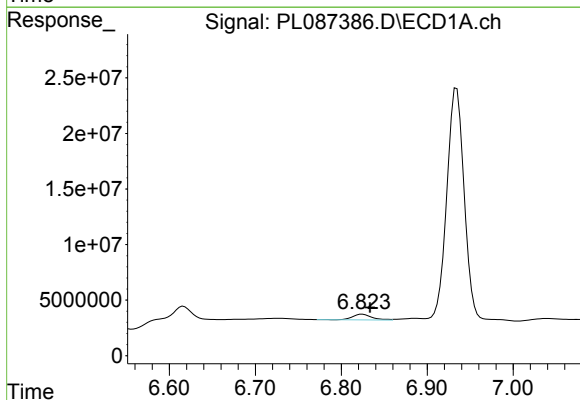
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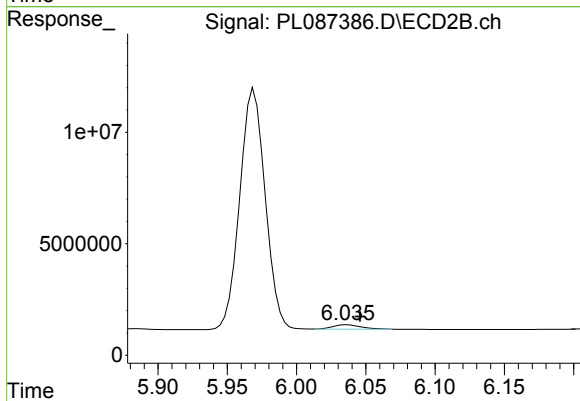
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 139303925
Conc: 75.53 ng/ml



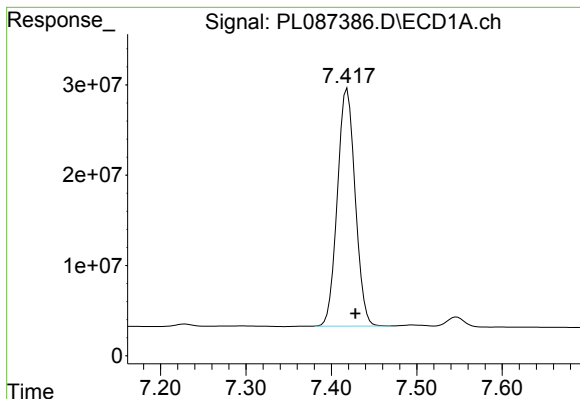
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 8003635
Conc: 2.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 3021405
Conc: 2.06 ng/ml m



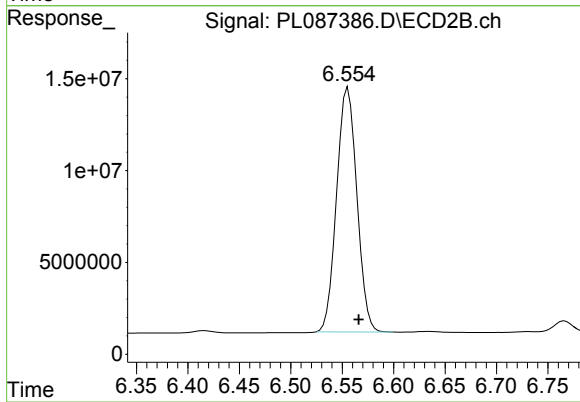
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 381209659
Conc: 195.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

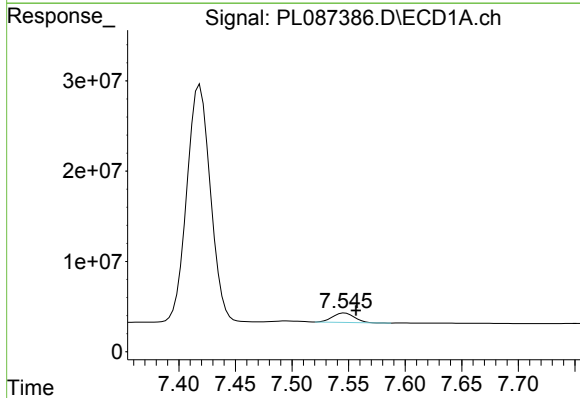
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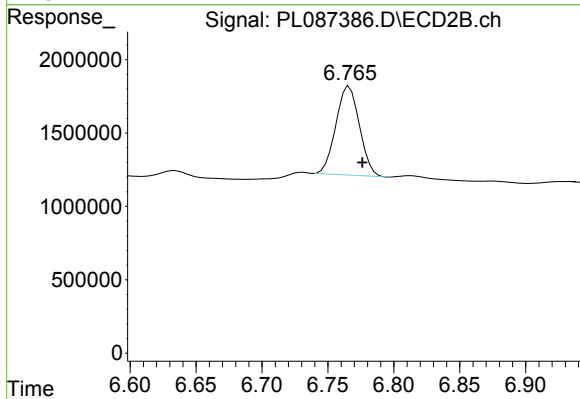
#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 182765558
Conc: 178.94 ng/ml



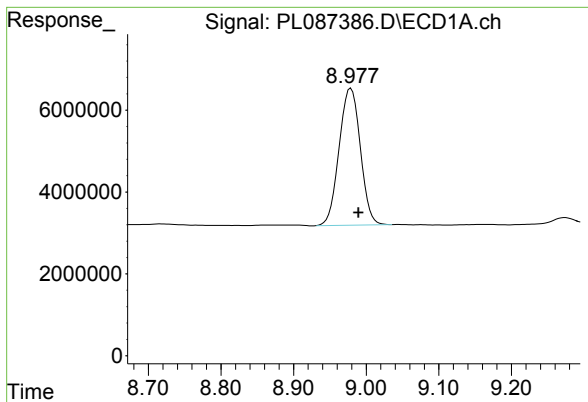
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 13889466
Conc: 3.41 ng/ml



#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 7518695
Conc: 3.53 ng/ml



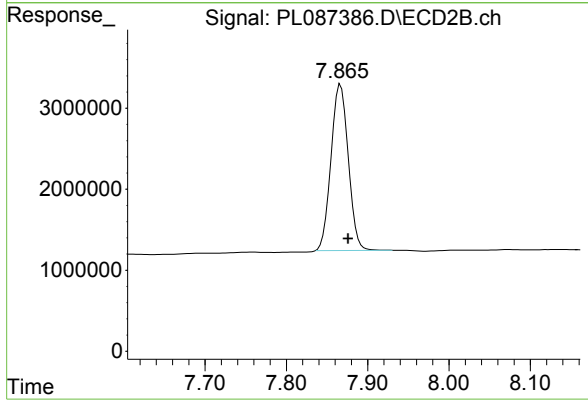
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.010 min
Response: 68051056
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.009 min
Response: 30346700
Conc: 17.97 ng/ml