

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 10:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 13:08:13 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...	3.320	2.644	50489145	42239694	18.901	18.232
28)	SA Decachlor...	8.741	7.755	41595614	46923569	21.788	20.558
Target Compounds							
2)	A alpha-BHC	3.770	3.141	34512694	28321656	8.671	8.321
3)	MA gamma-BHC...	4.098	3.468	33957567	24957545	9.082	7.762
6)	B beta-BHC	4.301	3.767	16967731	13641810	9.949	9.998m
14)	MA Endrin	6.322	5.482	109.8E6	105.5E6	45.287	43.123m
16)	A 4,4'-DDD	6.468	5.632	432015	478575	0.213m	0.256m
17)	MA 4,4'-DDT	6.778	5.884	221.1E6	217.9E6	96.643	103.134
18)	B Endrin al...	6.673	5.960	2716321	3702949	1.442m	1.979m#
20)	A Methoxychlor	7.258	6.462	297.4E6	294.3E6	243.711m	242.895m
21)	B Endrin ke...	7.387	6.685	3807824	6593979	1.590m	2.598m#

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

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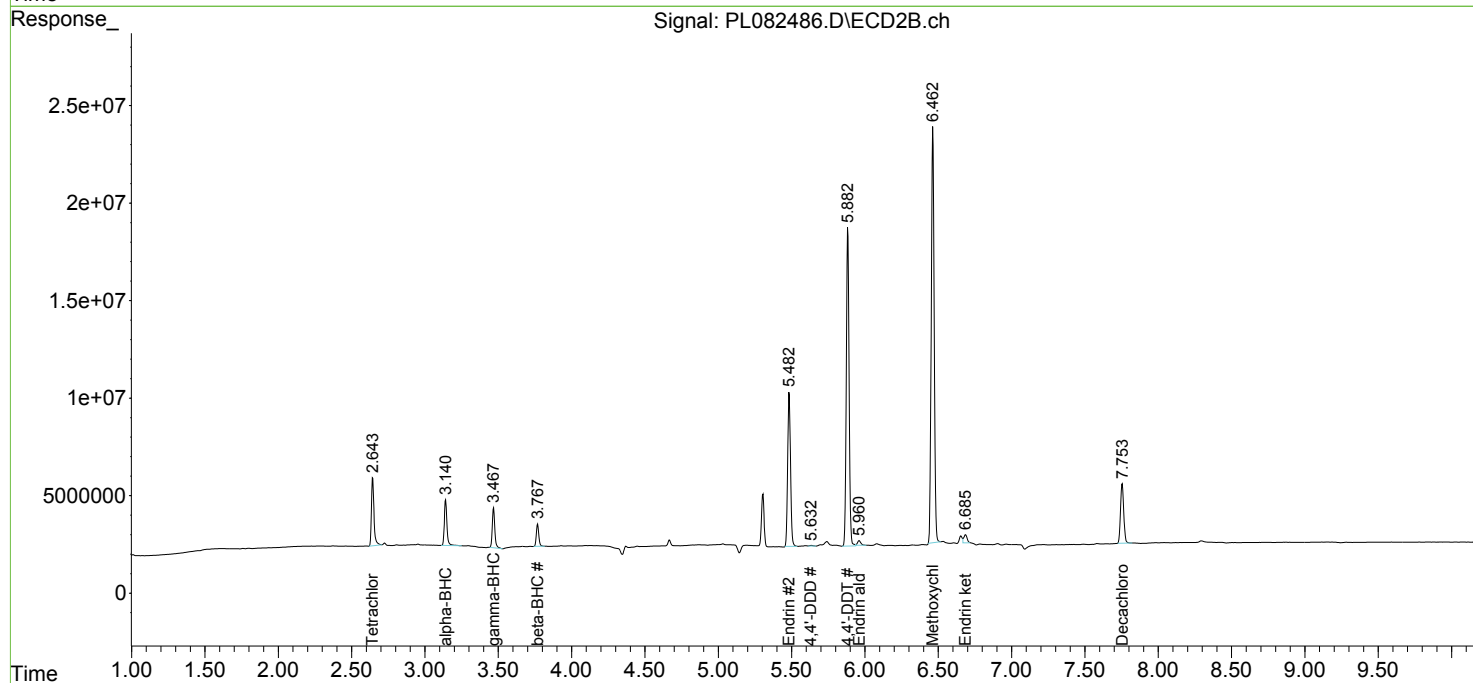
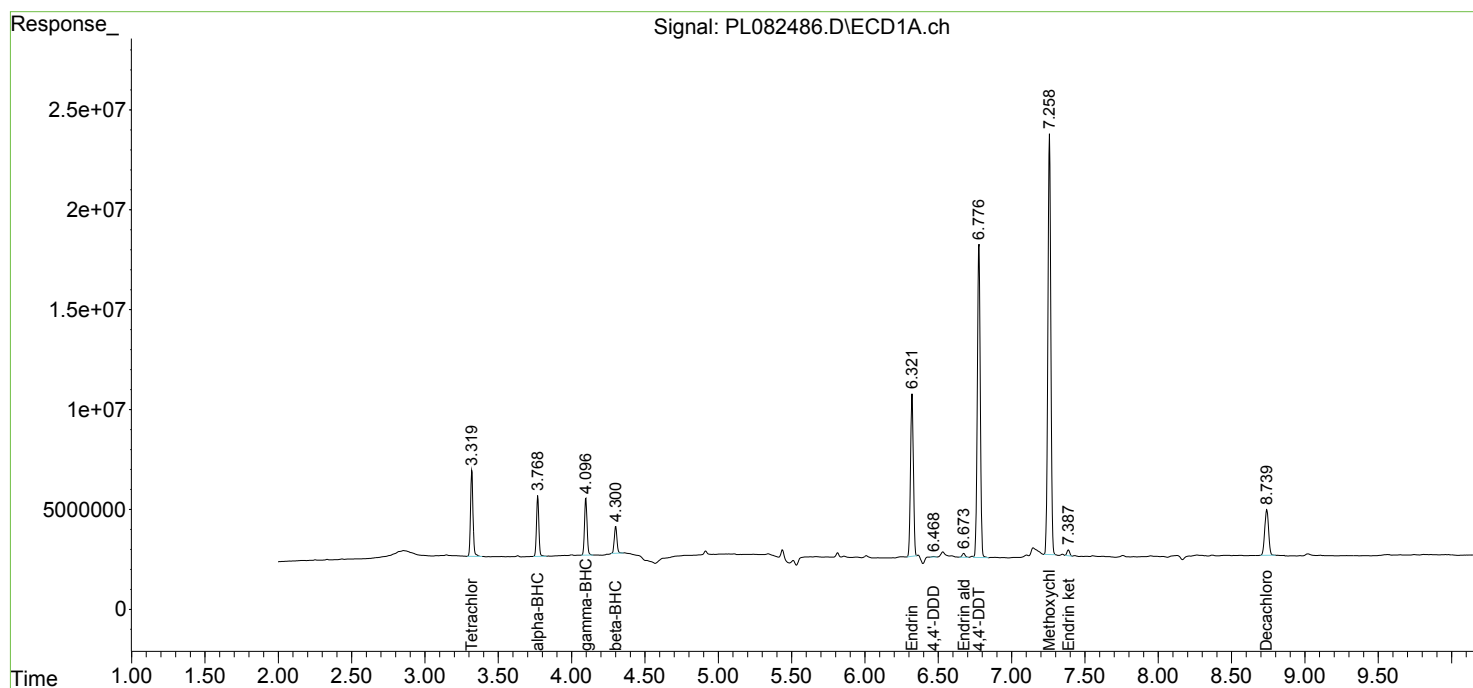
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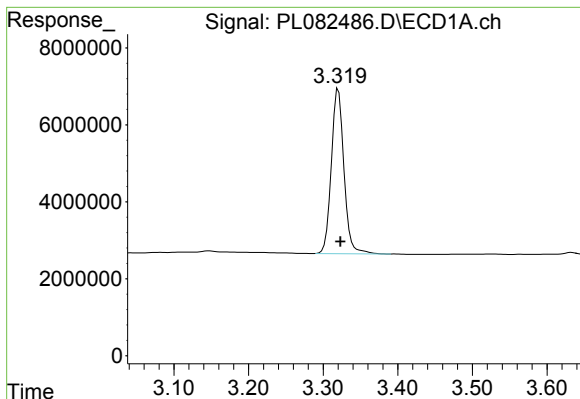
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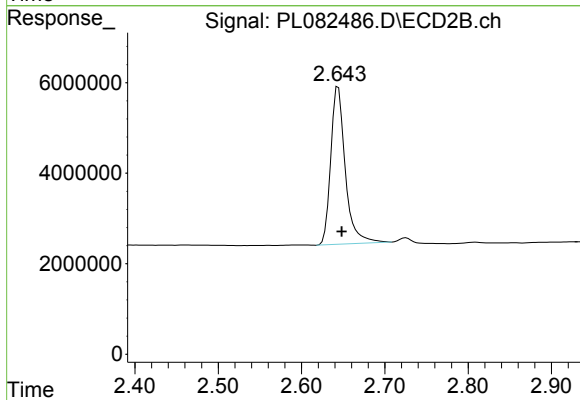
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 50489145
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

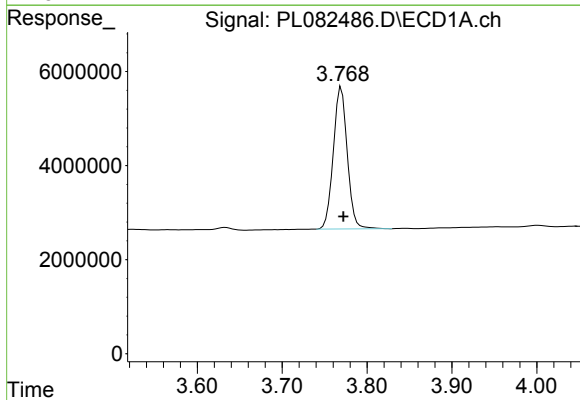
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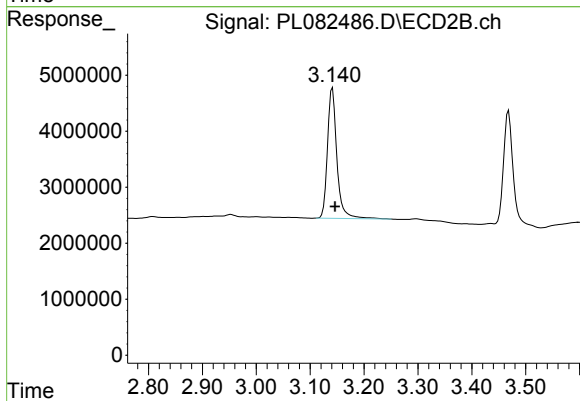
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.004 min
Response: 42239694
Conc: 18.23 ng/ml



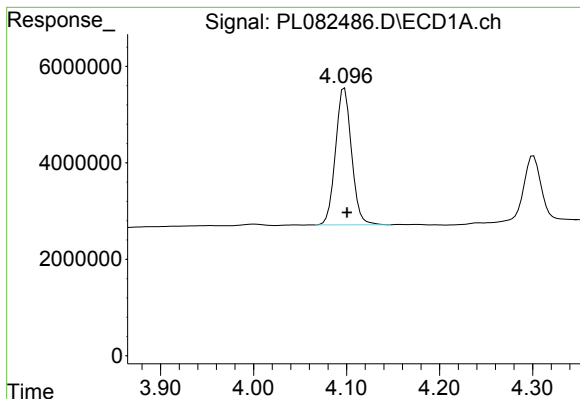
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 34512694
Conc: 8.67 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 28321656
Conc: 8.32 ng/ml



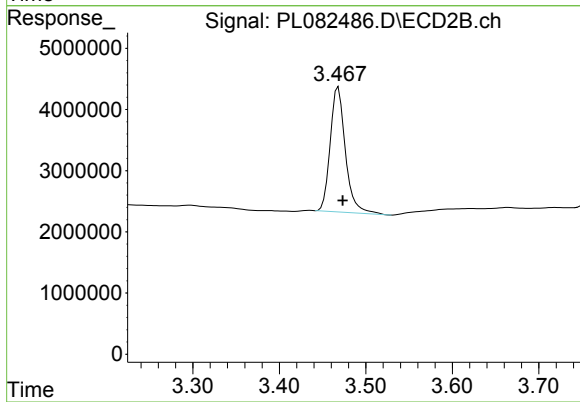
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 33957567
Conc: 9.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

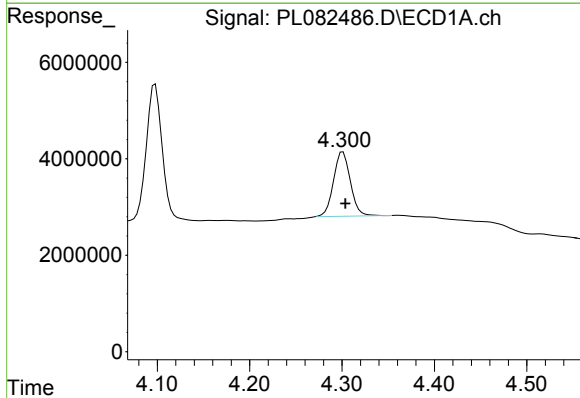
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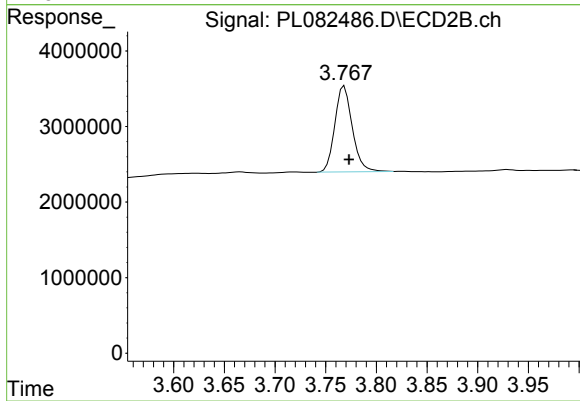
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.005 min
Response: 24957545
Conc: 7.76 ng/ml



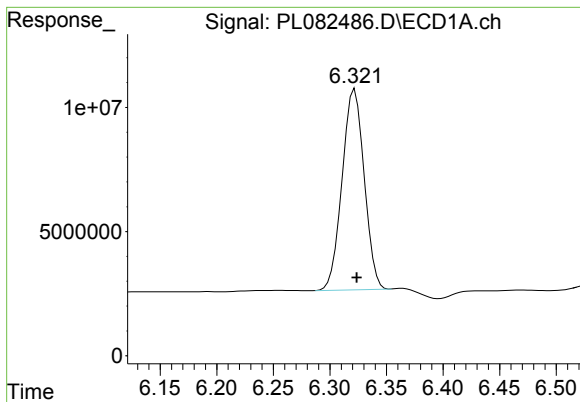
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 16967731
Conc: 9.95 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 13641810
Conc: 10.00 ng/ml m



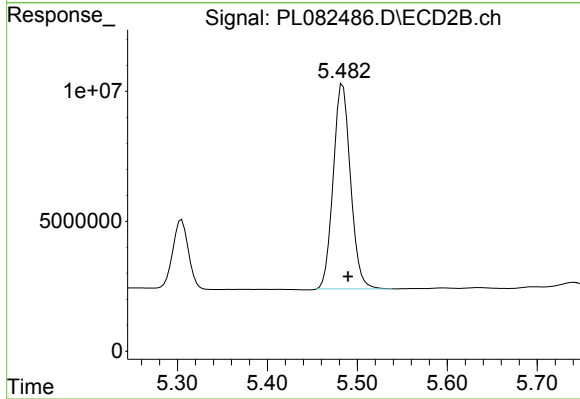
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 109801932
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

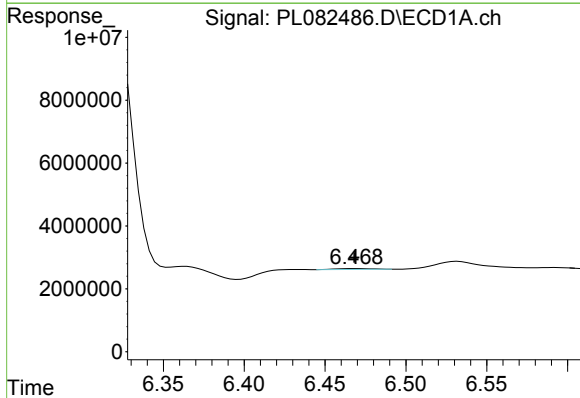
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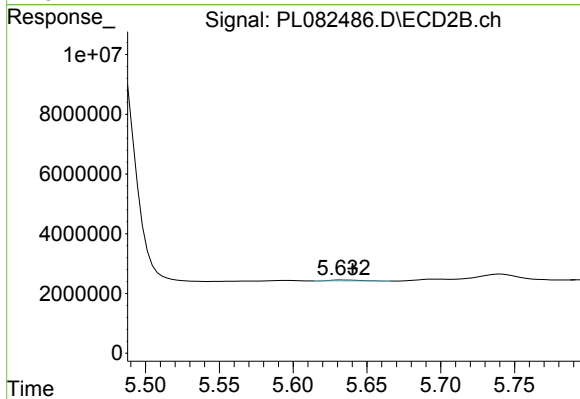
#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 105477236
Conc: 43.12 ng/ml m



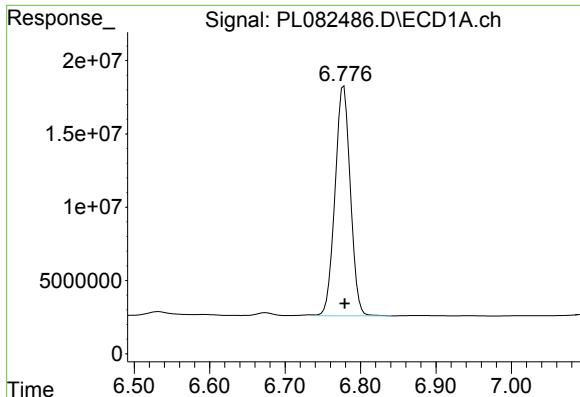
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 432015
Conc: 0.21 ng/ml m



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: -0.008 min
Response: 478575
Conc: 0.26 ng/ml m



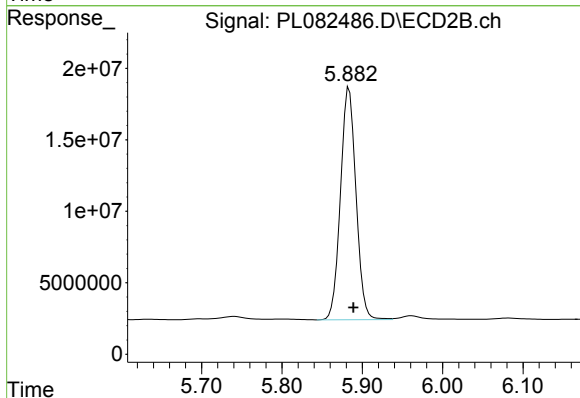
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 221091964
Conc: 96.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

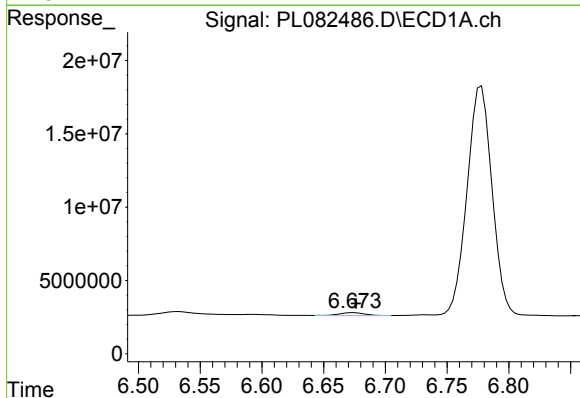
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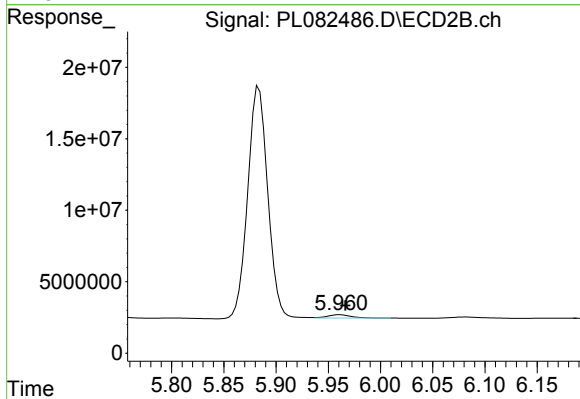
#17 4,4'-DDT

R.T.: 5.884 min
Delta R.T.: -0.006 min
Response: 217880225
Conc: 103.13 ng/ml



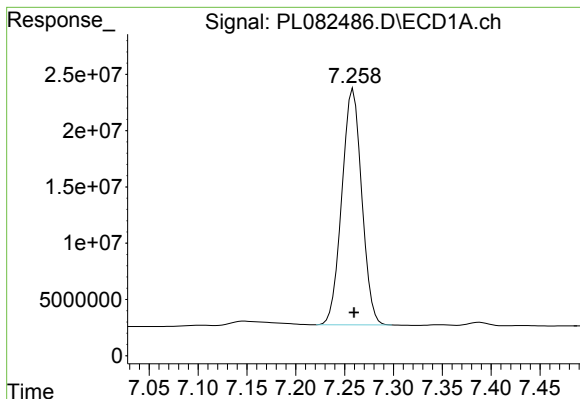
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 2716321
Conc: 1.44 ng/ml m



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 3702949
Conc: 1.98 ng/ml m



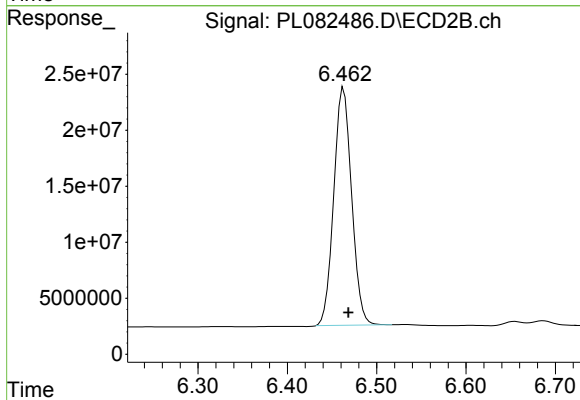
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 297408300
Conc: 243.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

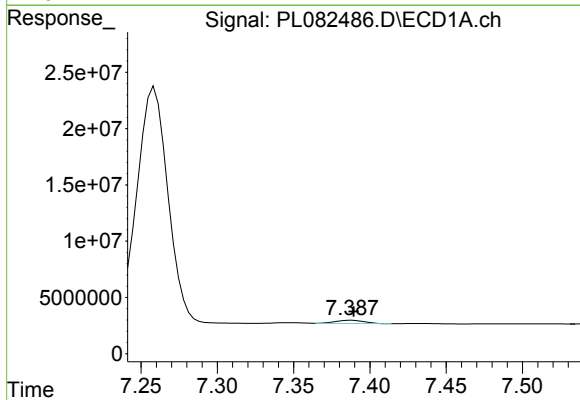
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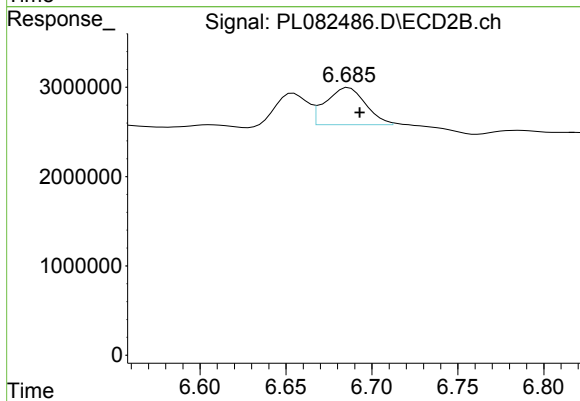
#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 294349021
Conc: 242.90 ng/ml m



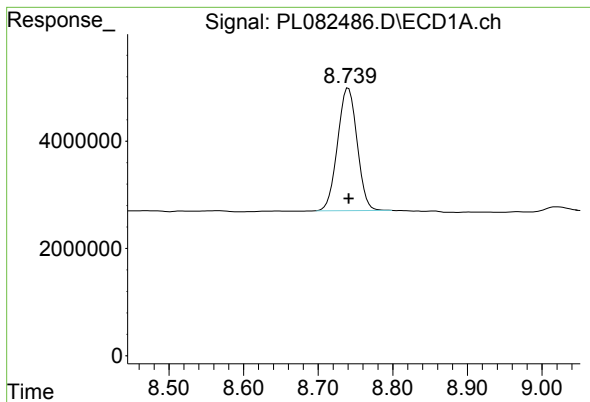
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 3807824
Conc: 1.59 ng/ml m



#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 6593979
Conc: 2.60 ng/ml m



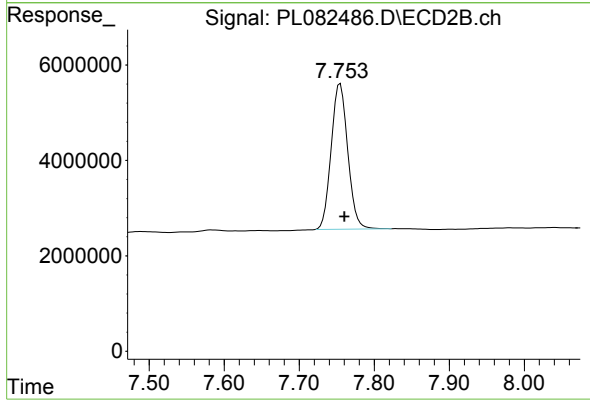
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 41595614
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 46923569
Conc: 20.56 ng/ml