

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060623\
 Data File : PL083263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 18:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/07/2023
 Supervised By :Ankita Jodhani 06/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:12:30 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...	3.313	2.632	54358503	51308149	18.495	19.764
28)	SA Decachlor...	8.731	7.737	42252729	49043951	20.146	19.724
Target Compounds							
2)	A alpha-BHC	3.762	3.128	38140377	33353709	8.592	8.939
3)	MA gamma-BHC...	4.090	3.454	36832995	30570624	8.891	9.171
6)	B beta-BHC	4.295	3.755	19170181	15809106	10.182	11.055
14)	MA Endrin	6.314	5.467	112.9E6	109.9E6	42.017	43.328
16)	A 4,4'-DDD	6.459	5.618	7329944	6276548	3.373	3.264
17)	MA 4,4'-DDT	6.770	5.865	220.0E6	217.1E6	87.872	97.294m
18)	B Endrin al...	6.667	5.944	3459049	3602762	1.720	1.822
20)	A Methoxychlor	7.252	6.444	288.9E6	287.1E6	218.490	225.726m
21)	B Endrin ke...	7.380	6.670	6853392	8337718	2.687	3.084

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

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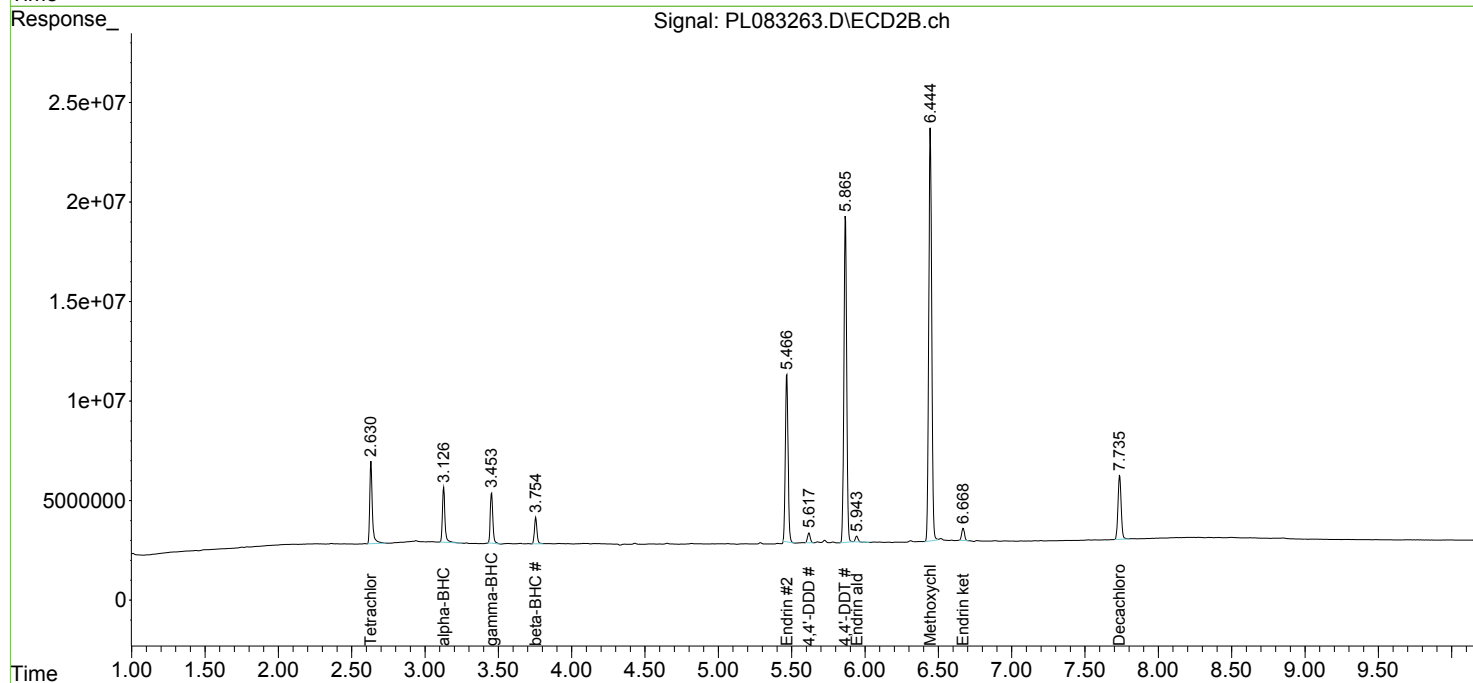
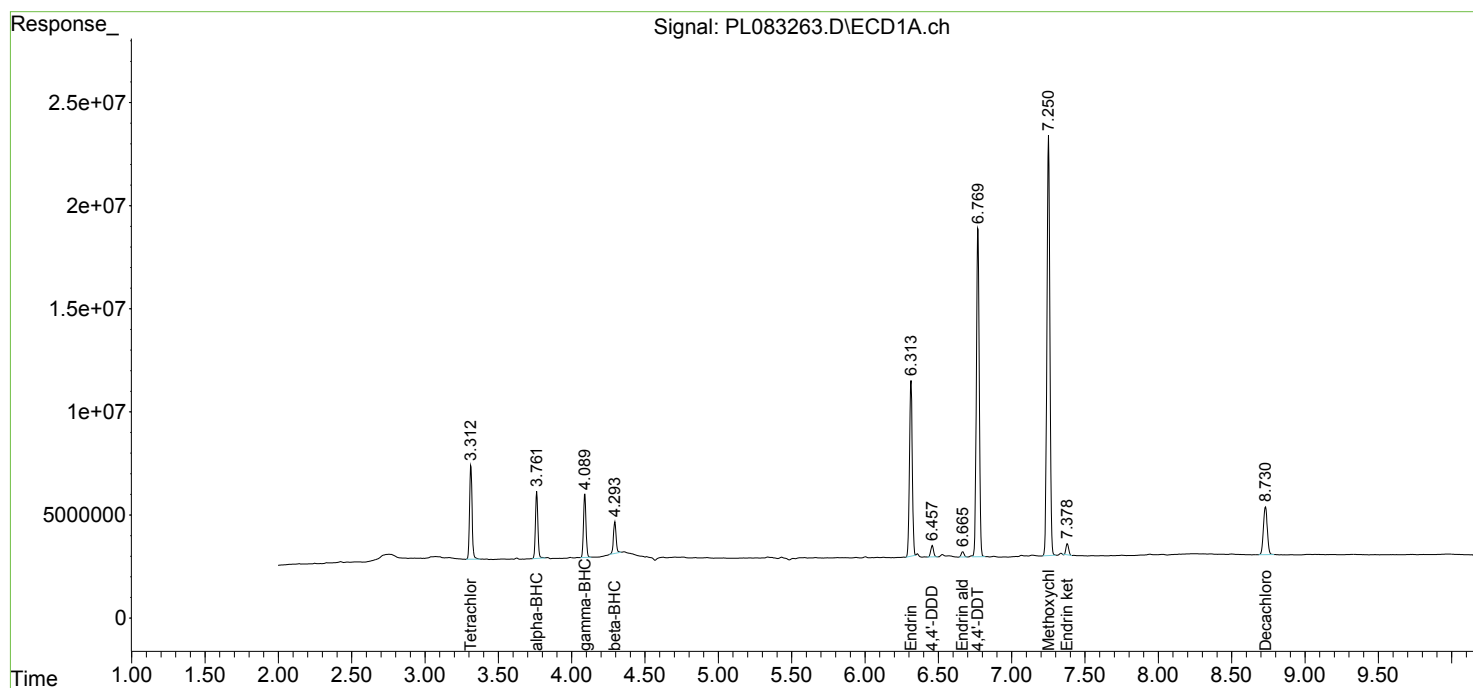
Instrument :
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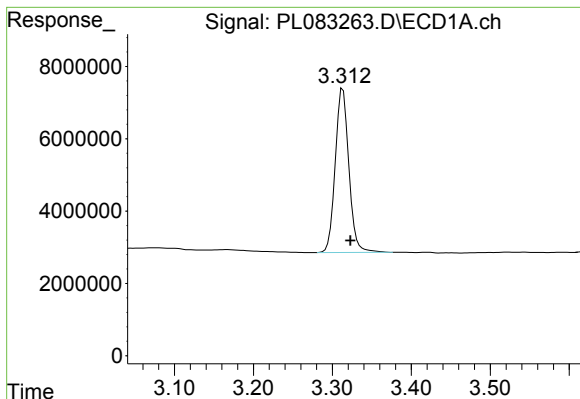
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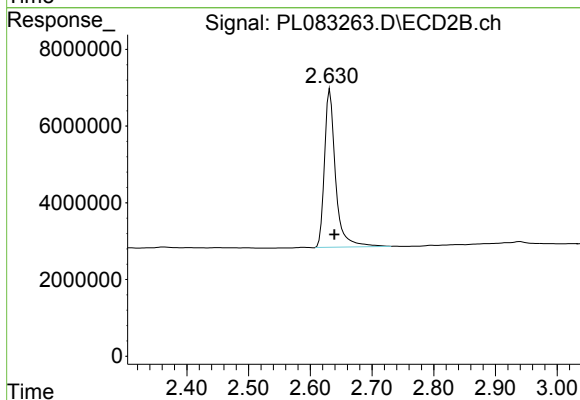
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 54358503
Conc: 18.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

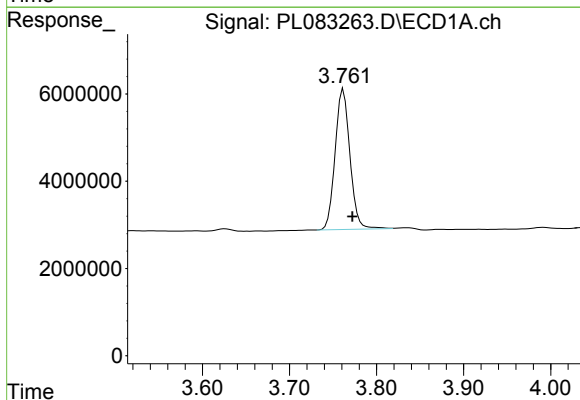
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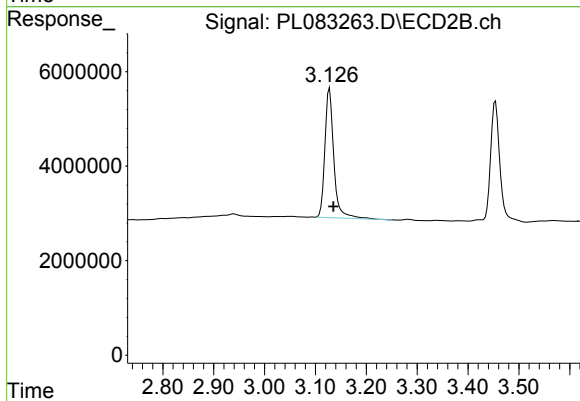
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 51308149
Conc: 19.76 ng/ml



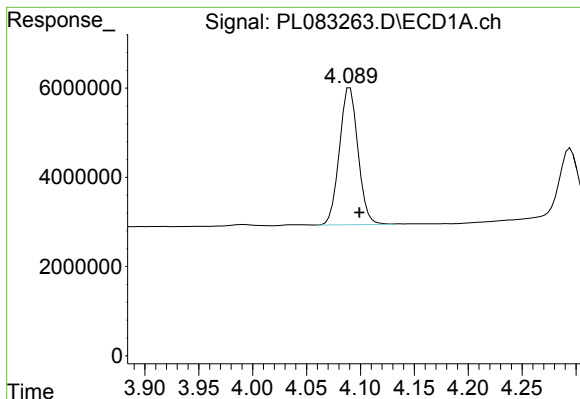
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 38140377
Conc: 8.59 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.007 min
Response: 33353709
Conc: 8.94 ng/ml



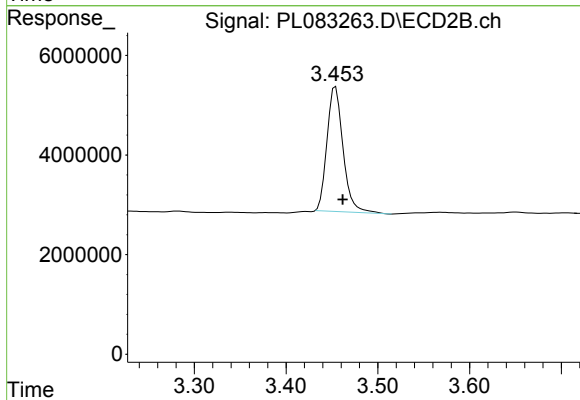
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 36832995
Conc: 8.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

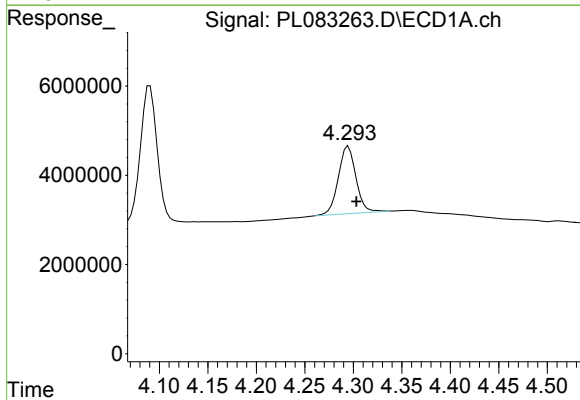
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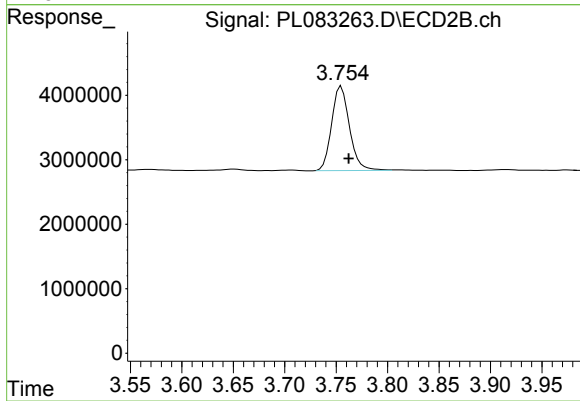
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: -0.008 min
Response: 30570624
Conc: 9.17 ng/ml



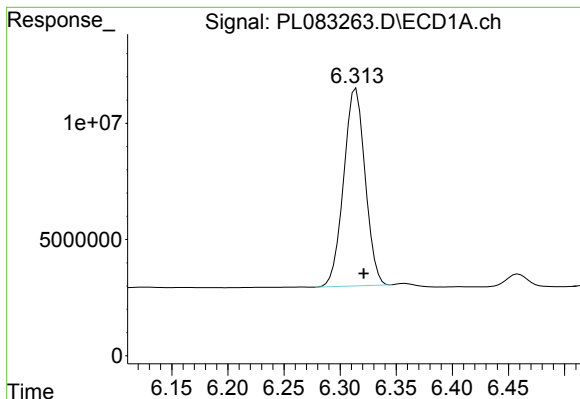
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 19170181
Conc: 10.18 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.007 min
Response: 15809106
Conc: 11.05 ng/ml



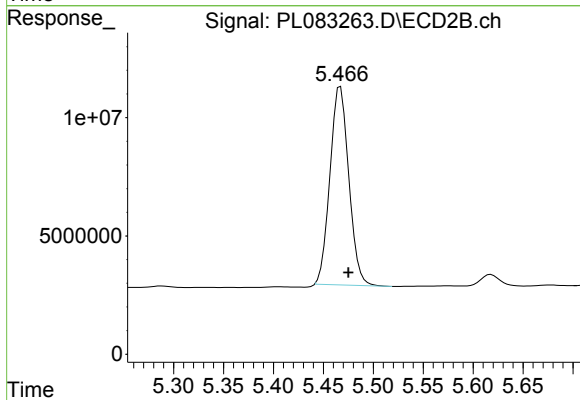
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 112909488
Conc: 42.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

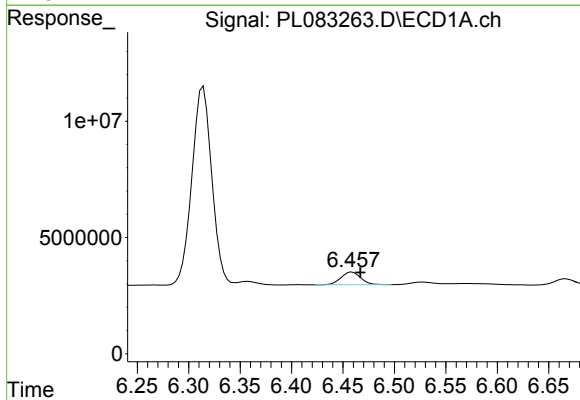
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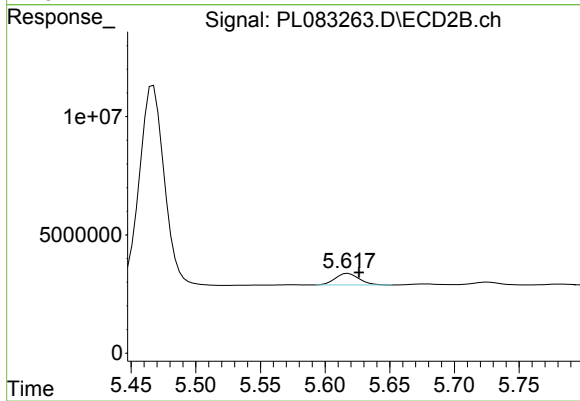
#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 109920384
Conc: 43.33 ng/ml



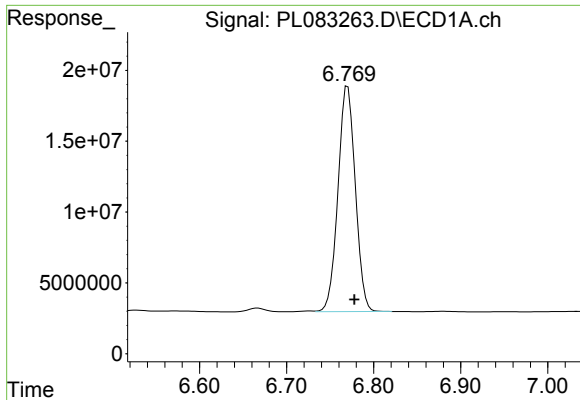
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 7329944
Conc: 3.37 ng/ml



#16 4,4'-DDD

R.T.: 5.618 min
Delta R.T.: -0.008 min
Response: 6276548
Conc: 3.26 ng/ml



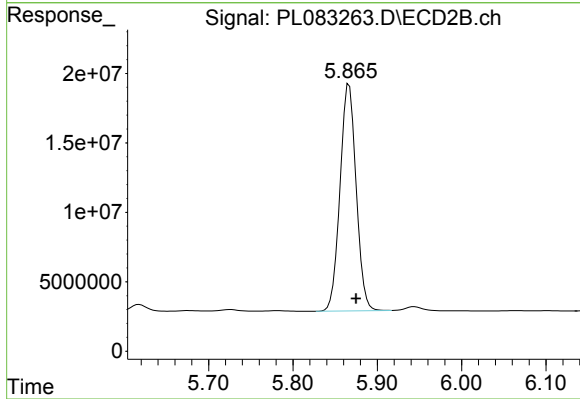
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 219958590
Conc: 87.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

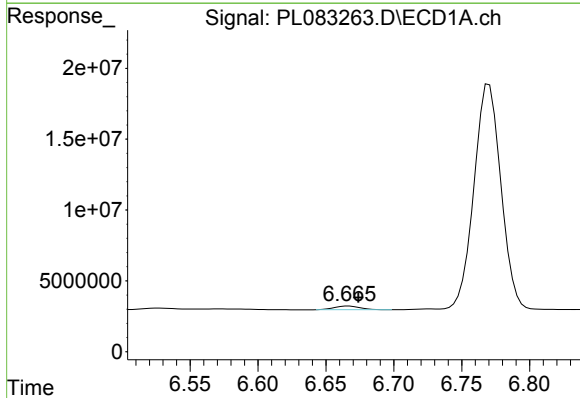
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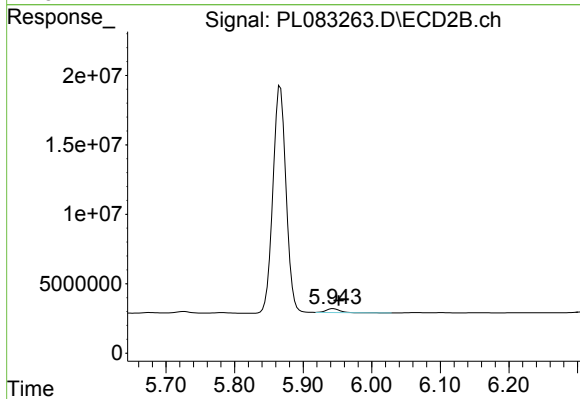
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.009 min
Response: 217065340
Conc: 97.29 ng/ml m



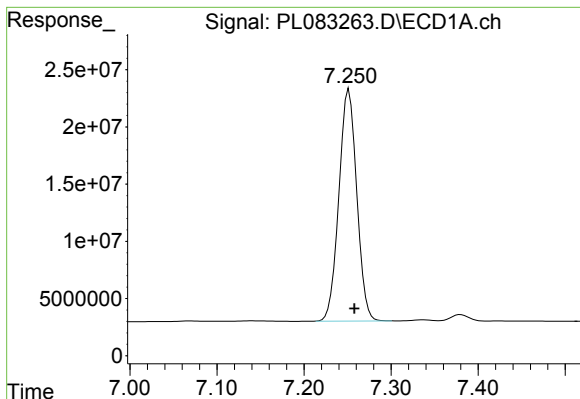
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 3459049
Conc: 1.72 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 3602762
Conc: 1.82 ng/ml



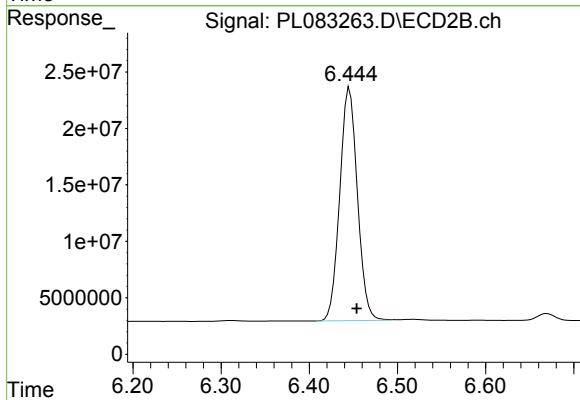
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 288926522
Conc: 218.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

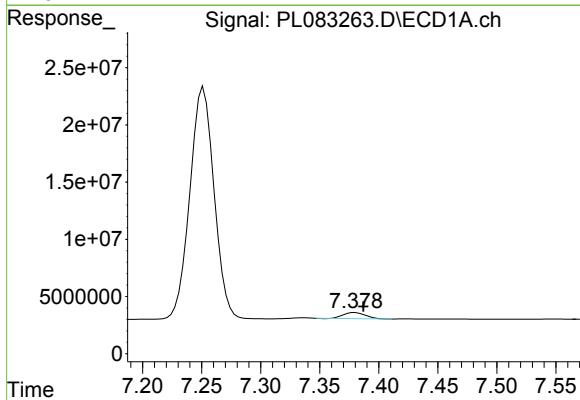
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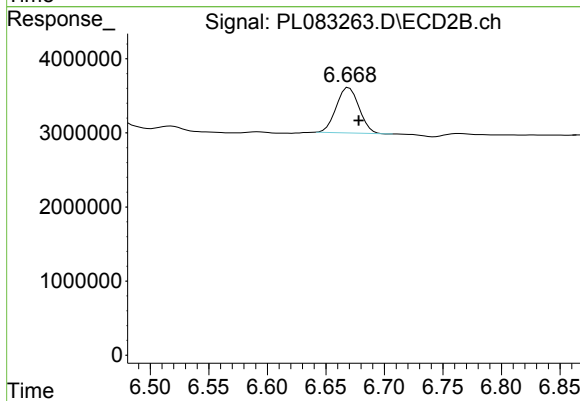
#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.009 min
Response: 287066603
Conc: 225.73 ng/ml m



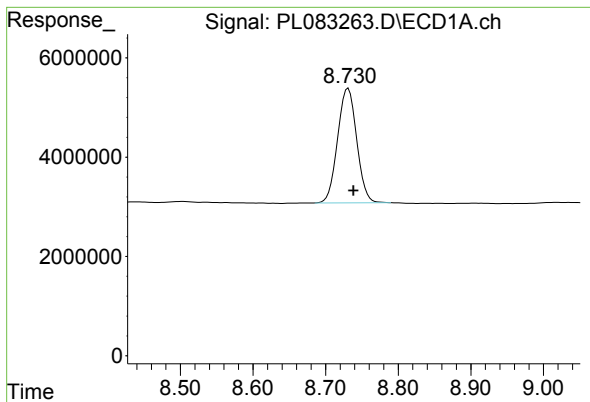
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 6853392
Conc: 2.69 ng/ml



#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 8337718
Conc: 3.08 ng/ml



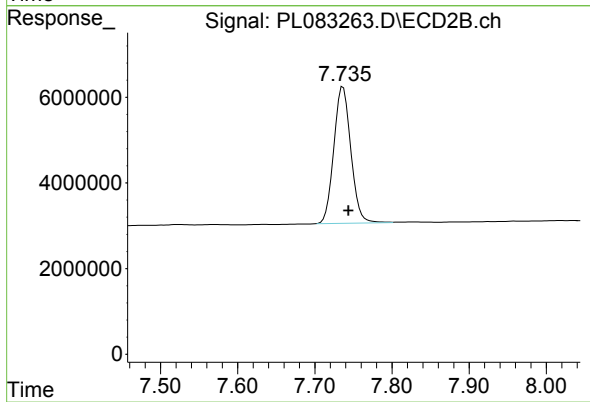
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 42252729
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.007 min
Response: 49043951
Conc: 19.72 ng/ml