

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 10:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/27/2023
 Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:25:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.459	2.754	39438925	44184480	17.843	18.968
28)	SA Decachlor...	8.997	7.964	40479852	47580957	21.243	19.373
Target Compounds							
2)	A alpha-BHC	3.916	3.264	26261475	30180546	8.435	8.941
3)	MA gamma-BHC...	4.249	3.596	26527703	29278616	9.305	9.119m
6)	B beta-BHC	4.448	3.899	12526162	15286055	9.682	10.243
14)	MA Endrin	6.502	5.653	85771277	118.4E6	48.599	51.282
16)	A 4,4'-DDD	6.645	5.811	10966967	14090952	6.423	6.390
17)	MA 4,4'-DDT	6.961	6.065	161.1E6	213.7E6	95.706	102.335
18)	B Endrin al...	6.853	6.133	2186490	3910077	1.475	2.069 #
20)	A Methoxychlor	7.441	6.650	235.7E6	287.5E6	259.904	238.559
21)	B Endrin ke...	7.572	6.864	3956010	8962729	1.846	3.188 #

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

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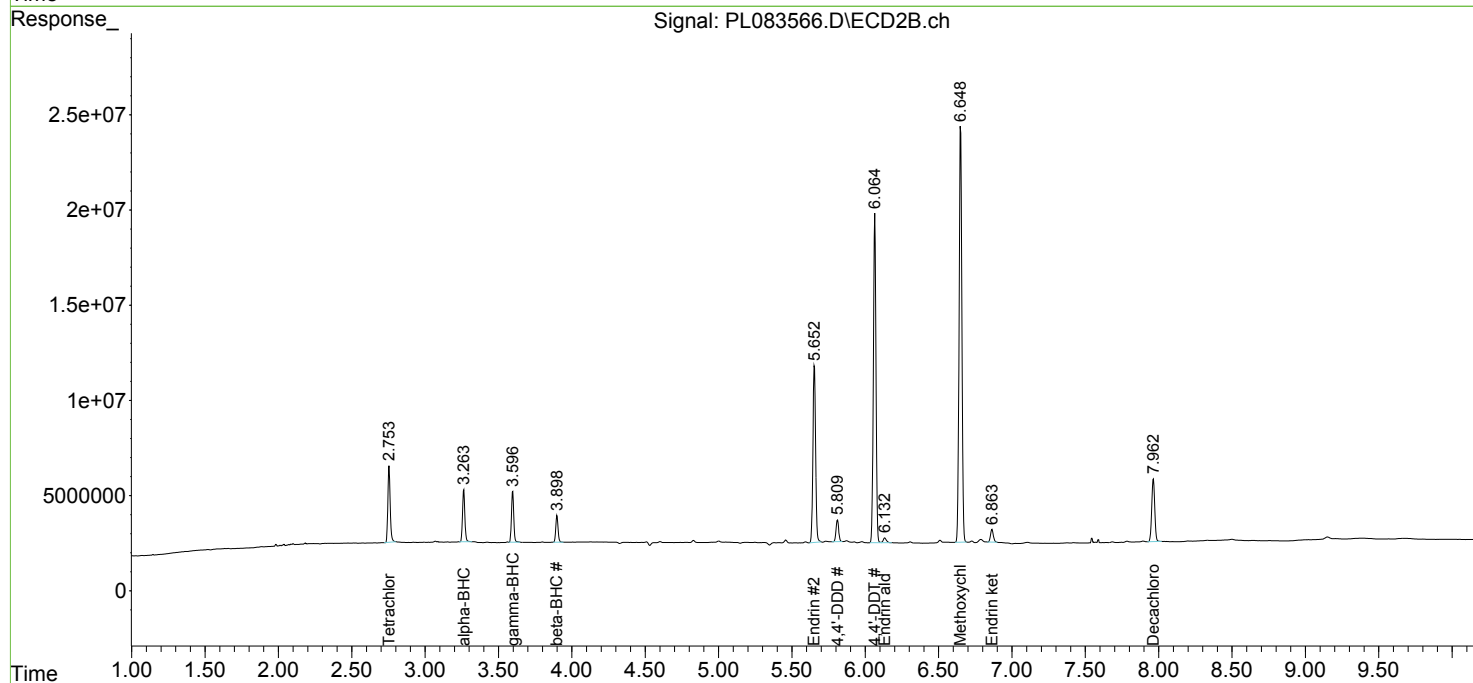
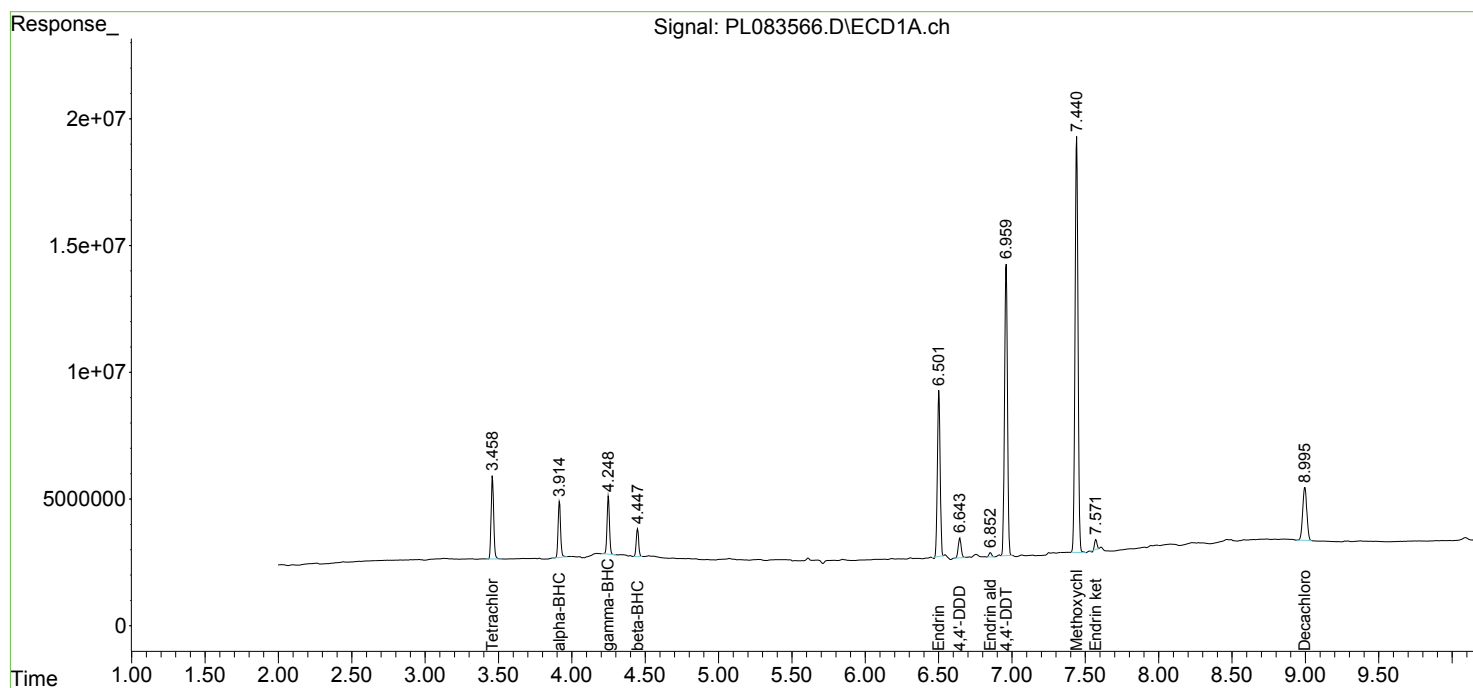
Instrument :
ECD_L
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PEM

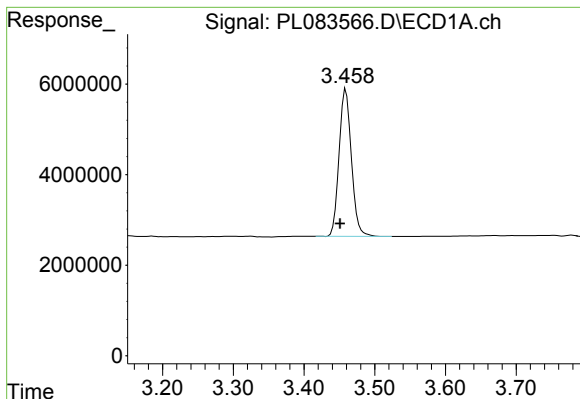
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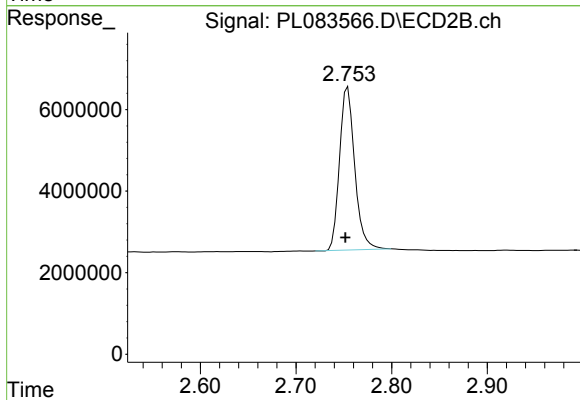
#1 Tetrachloro-m-xylene

R.T.: 3.459 min
Delta R.T.: 0.008 min
Response: 39438925
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

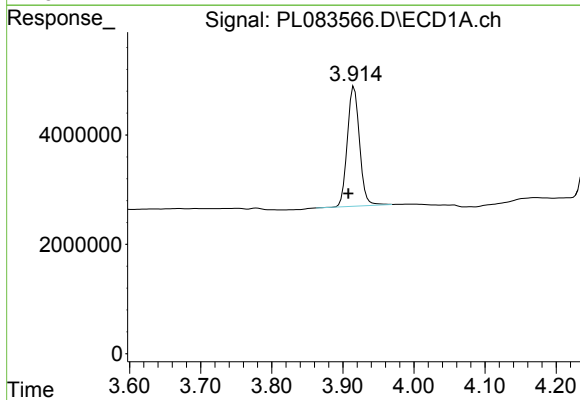
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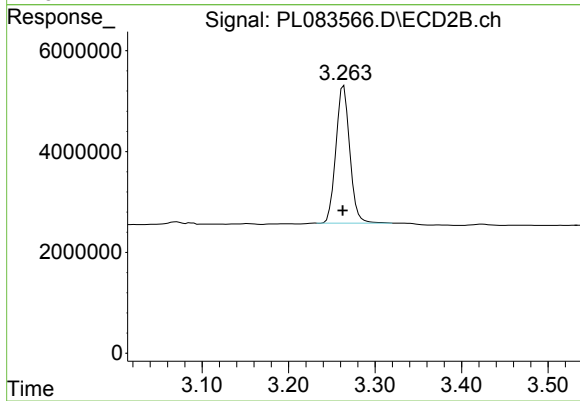
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: 0.002 min
Response: 44184480
Conc: 18.97 ng/ml



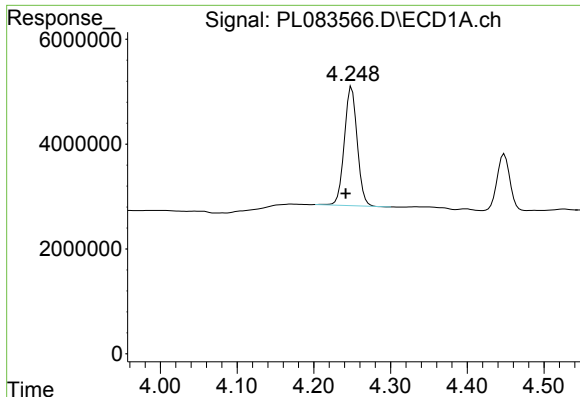
#2 alpha-BHC

R.T.: 3.916 min
Delta R.T.: 0.008 min
Response: 26261475
Conc: 8.43 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 30180546
Conc: 8.94 ng/ml



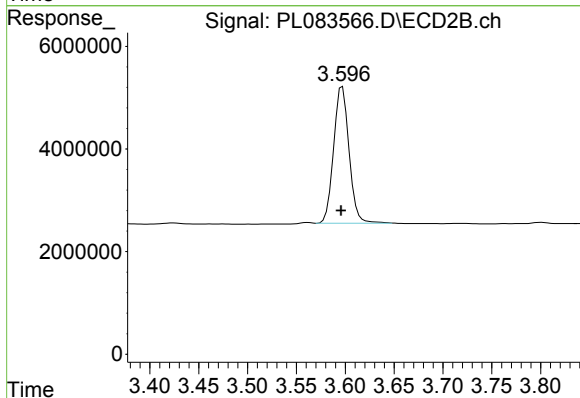
#3 gamma-BHC (Lindane)

R.T.: 4.249 min
Delta R.T.: 0.007 min
Response: 26527703
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

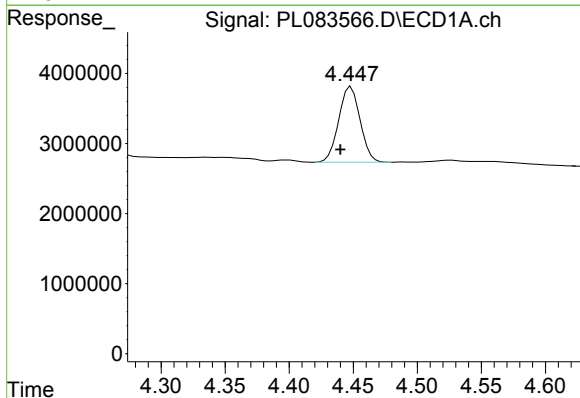
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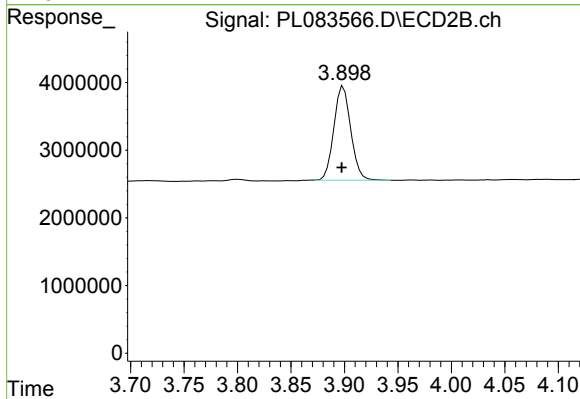
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 29278616
Conc: 9.12 ng/ml m



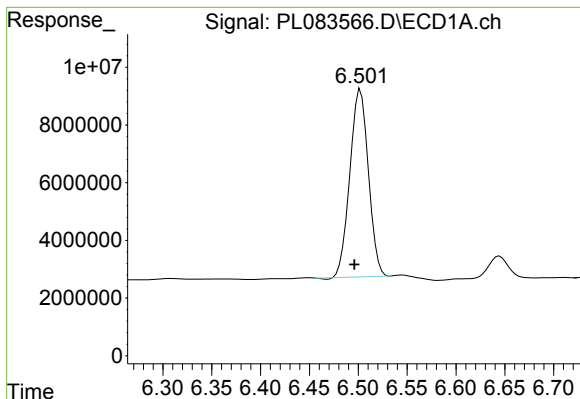
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.008 min
Response: 12526162
Conc: 9.68 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.001 min
Response: 15286055
Conc: 10.24 ng/ml



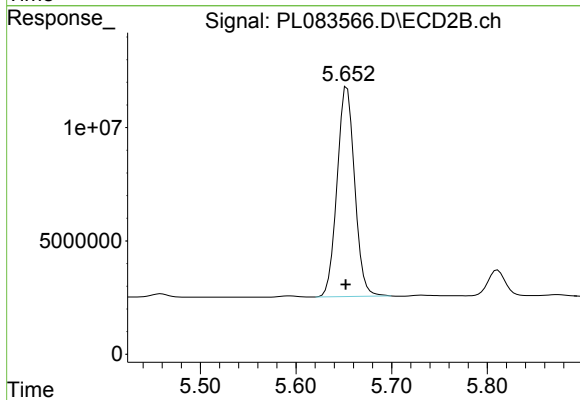
#14 Endrin

R.T.: 6.502 min
Delta R.T.: 0.006 min
Response: 85771277
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

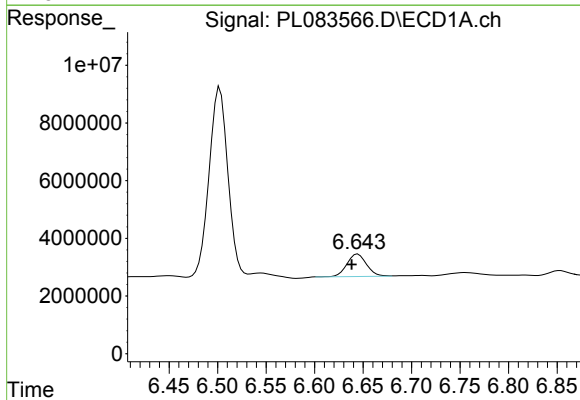
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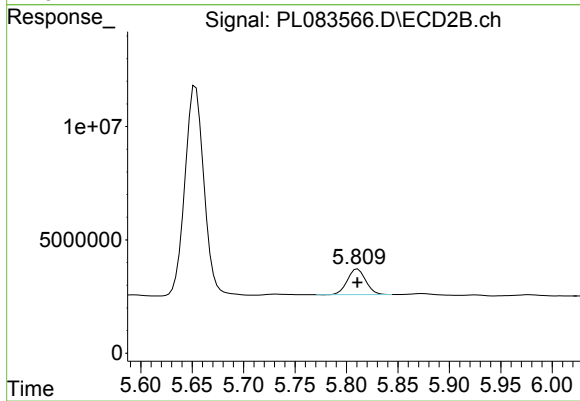
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.001 min
Response: 118364426
Conc: 51.28 ng/ml



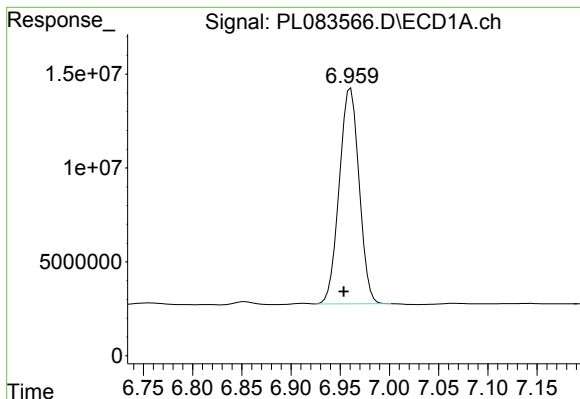
#16 4,4'-DDD

R.T.: 6.645 min
Delta R.T.: 0.006 min
Response: 10966967
Conc: 6.42 ng/ml



#16 4,4'-DDD

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 14090952
Conc: 6.39 ng/ml



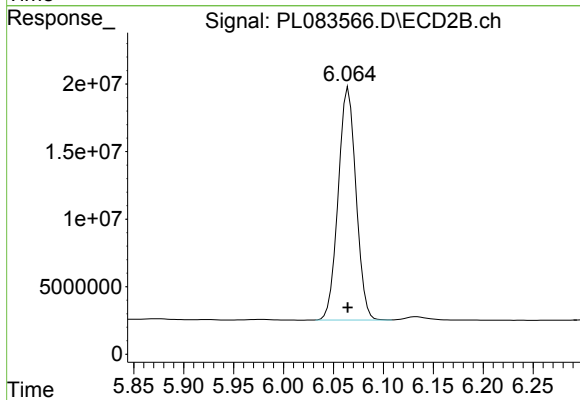
#17 4,4'-DDT

R.T.: 6.961 min
Delta R.T.: 0.007 min
Response: 161136530
Conc: 95.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

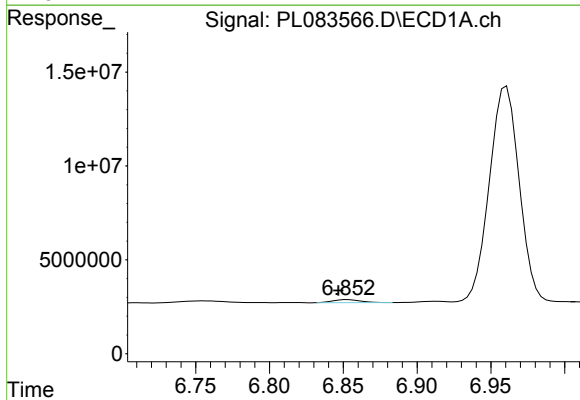
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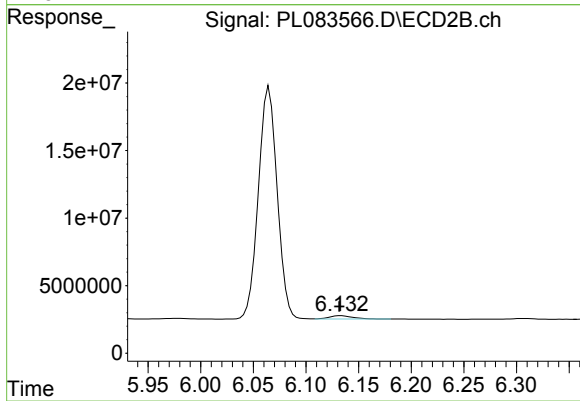
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 213658865
Conc: 102.33 ng/ml



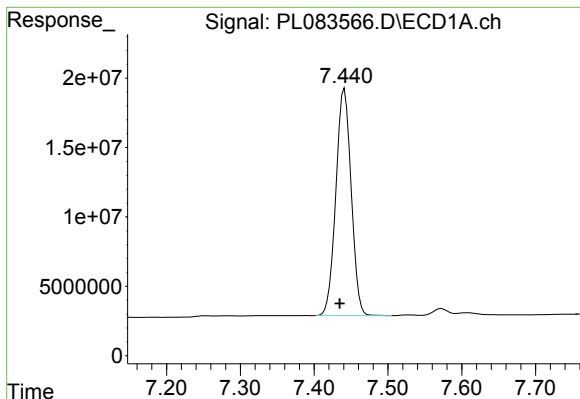
#18 Endrin aldehyde

R.T.: 6.853 min
Delta R.T.: 0.006 min
Response: 2186490
Conc: 1.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.001 min
Response: 3910077
Conc: 2.07 ng/ml



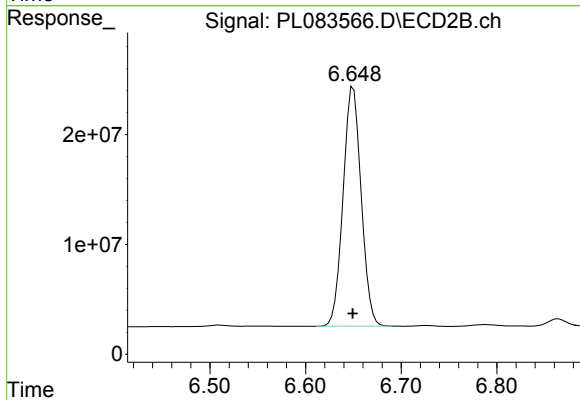
#20 Methoxychlor

R.T.: 7.441 min
Delta R.T.: 0.006 min
Response: 235749290
Conc: 259.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

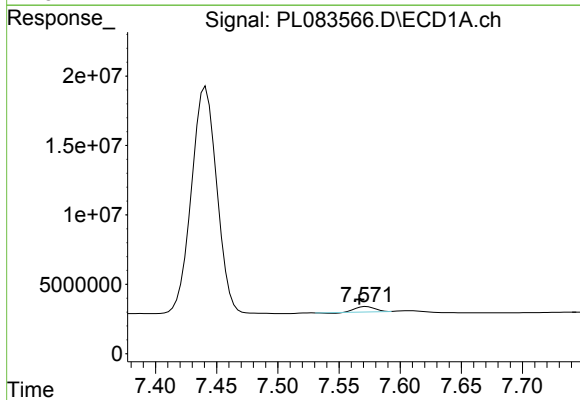
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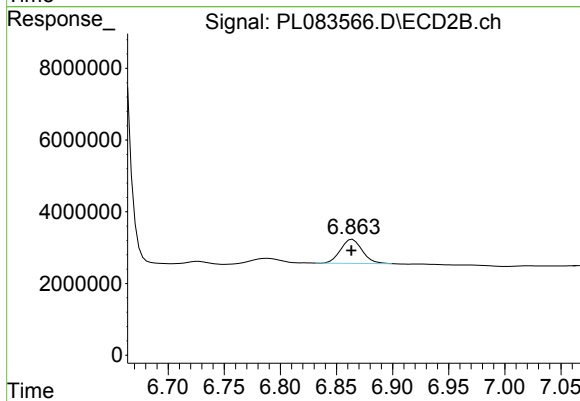
#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 287505079
Conc: 238.56 ng/ml



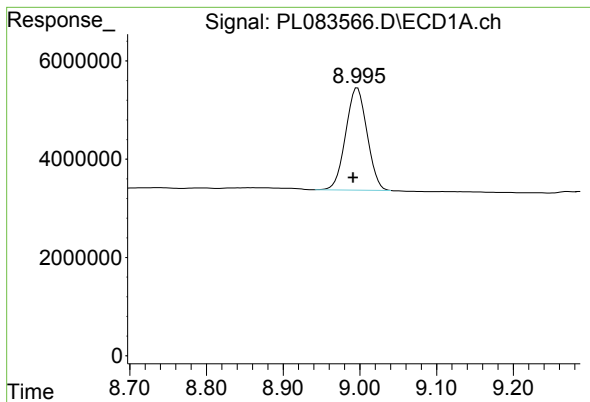
#21 Endrin ketone

R.T.: 7.572 min
Delta R.T.: 0.006 min
Response: 3956010
Conc: 1.85 ng/ml



#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 8962729
Conc: 3.19 ng/ml



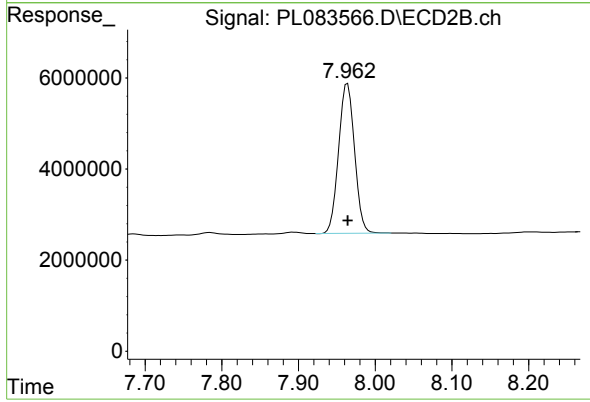
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.006 min
Response: 40479852
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 47580957
Conc: 19.37 ng/ml