

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 09:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 11:23:03 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...	3.315	2.633	50513740	43256130	17.187	16.662
28)	SA Decachlor...	8.735	7.736	39137476	44111686	18.661	17.740
Target Compounds							
2)	A alpha-BHC	3.763	3.128	34969239	26886030	7.877	7.205
3)	MA gamma-BHC...	4.092	3.452	33683556	25282976	8.130	7.585m
6)	B beta-BHC	4.296	3.755	17181209	13230525	9.126	9.252
12)	B 4,4'-DDE	5.942	5.063	448200	170548	0.163	0.070 #
14)	MA Endrin	6.316	5.466	105.5E6	90921447	39.260	35.839
16)	A 4,4'-DDD	6.460	5.618	3520944	2868877	1.620	1.492
17)	MA 4,4'-DDT	6.772	5.864	210.6E6	185.3E6	84.126	83.041m
18)	B Endrin al...	6.669	5.943	3069625	3019685	1.527	1.527
20)	A Methoxychlor	7.254	6.444	277.9E6	249.2E6	210.134	195.964m
21)	B Endrin ke...	7.381	6.668	5662550	6109326	2.220m	2.259m

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

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Acq On : 13 Jun 2023 09:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

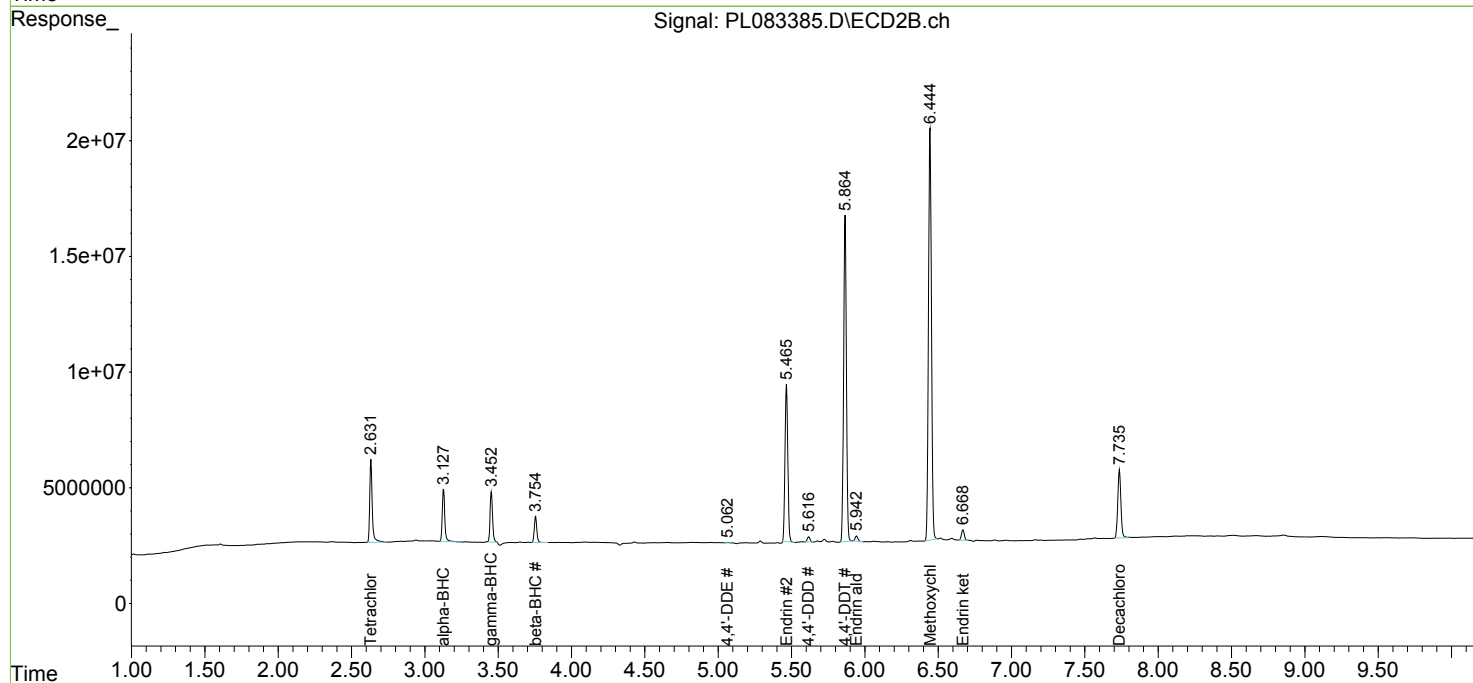
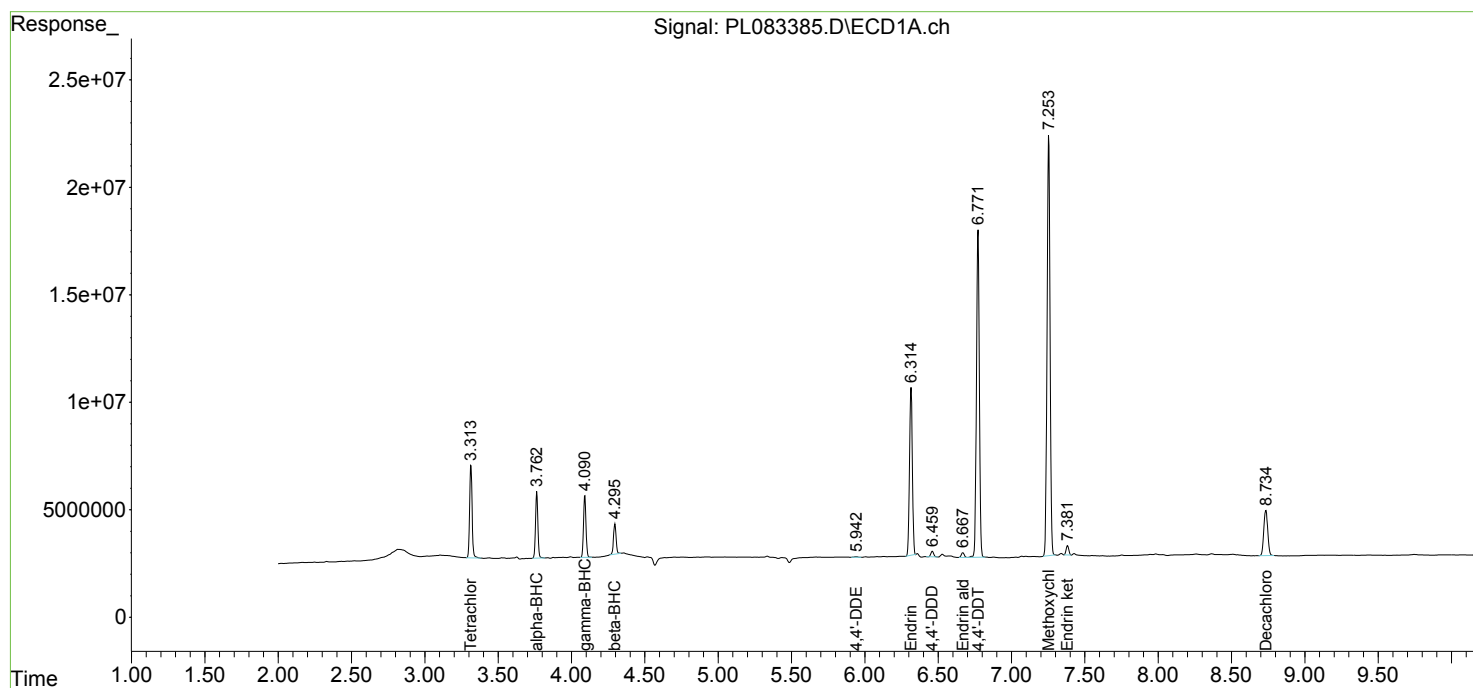
Instrument :
ECD_L
ClientSampleId :
PEM

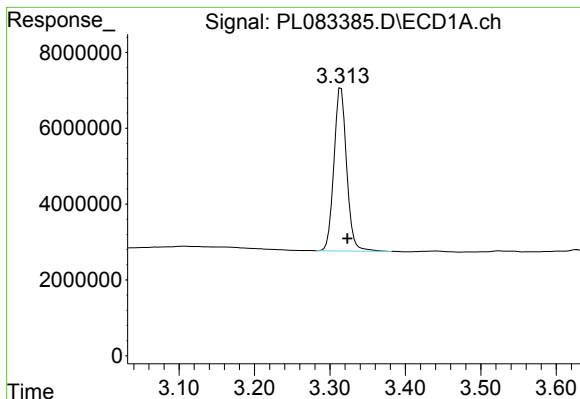
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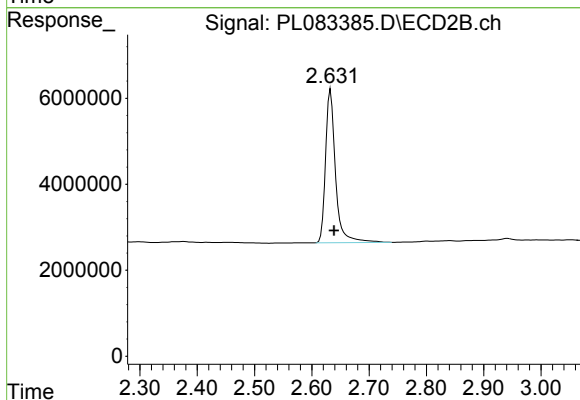
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 50513740
Conc: 17.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

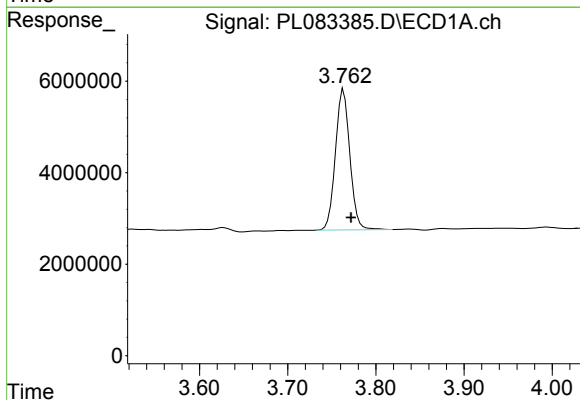
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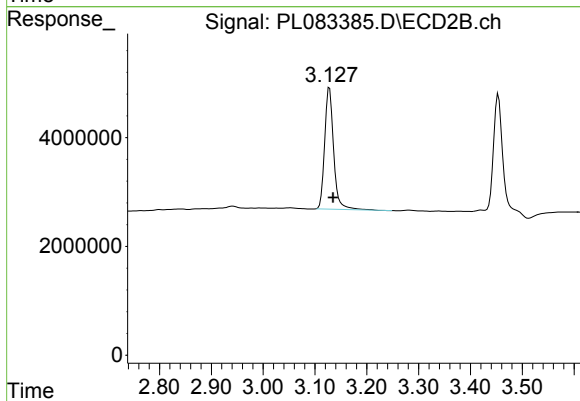
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 43256130
Conc: 16.66 ng/ml



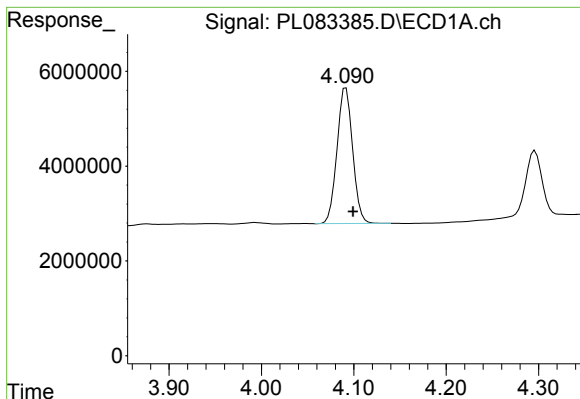
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 34969239
Conc: 7.88 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.007 min
Response: 26886030
Conc: 7.21 ng/ml



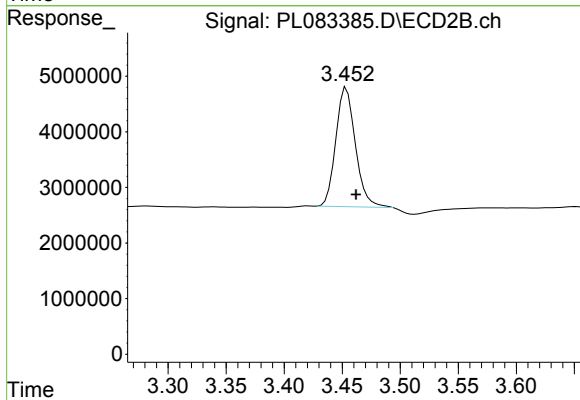
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 33683556
Conc: 8.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

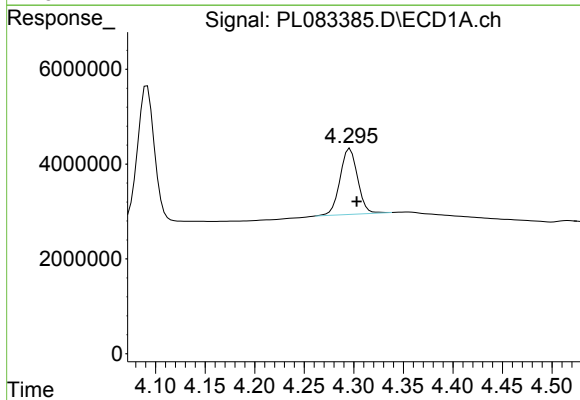
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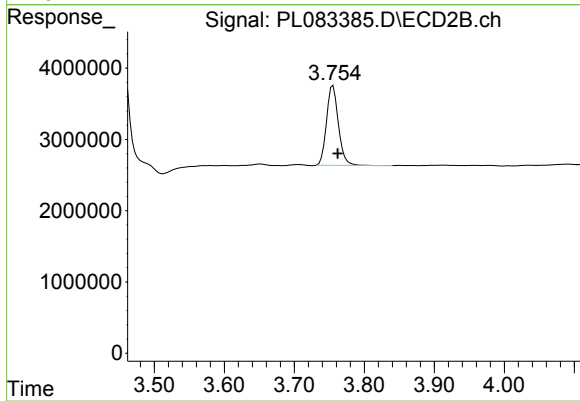
#3 gamma-BHC (Lindane)

R.T.: 3.452 min
Delta R.T.: -0.010 min
Response: 25282976
Conc: 7.58 ng/ml m



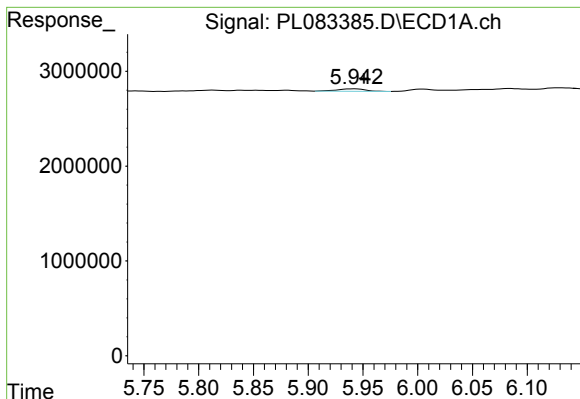
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 17181209
Conc: 9.13 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.007 min
Response: 13230525
Conc: 9.25 ng/ml



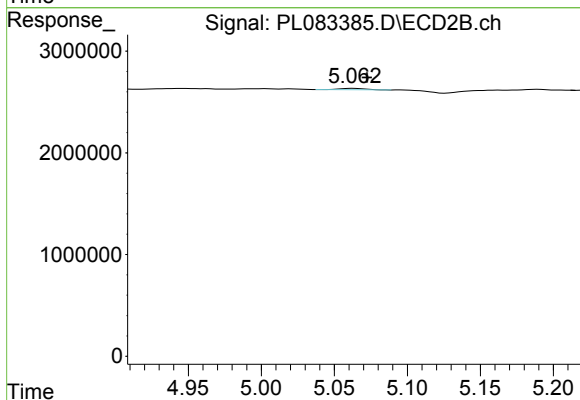
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 448200
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

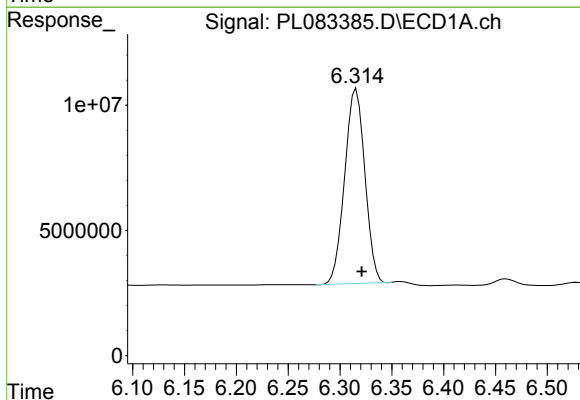
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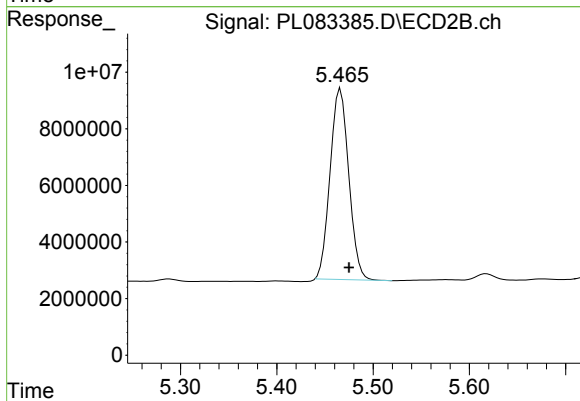
#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 170548
Conc: 0.07 ng/ml



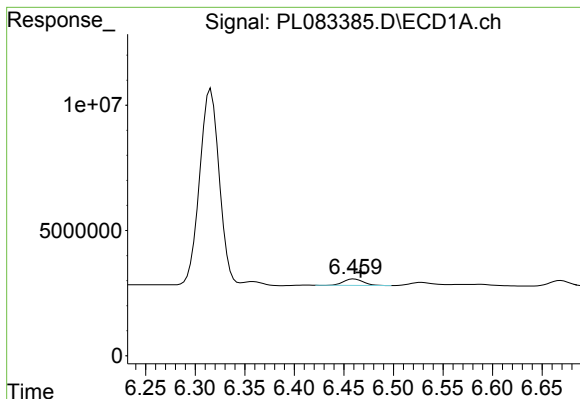
#14 Endrin

R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 105500168
Conc: 39.26 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.009 min
Response: 90921447
Conc: 35.84 ng/ml



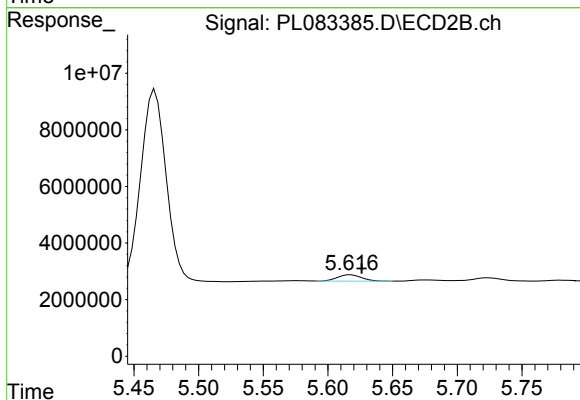
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 3520944
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

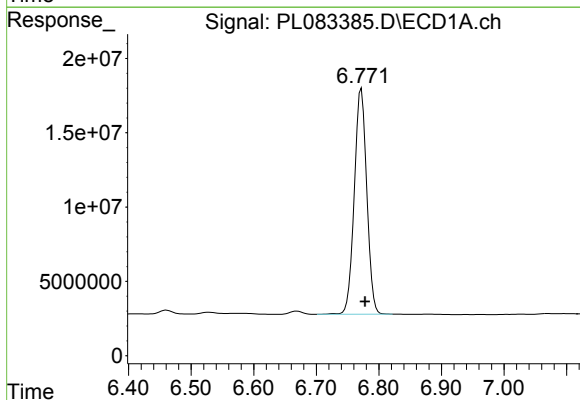
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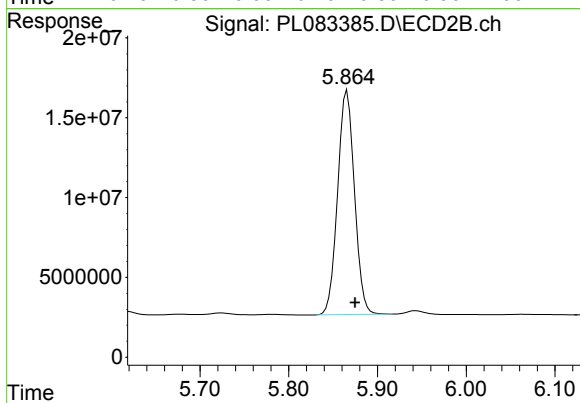
#16 4,4'-DDD

R.T.: 5.618 min
Delta R.T.: -0.009 min
Response: 2868877
Conc: 1.49 ng/ml



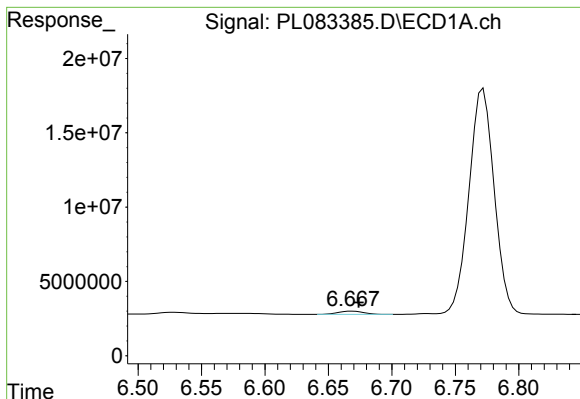
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 210580995
Conc: 84.13 ng/ml



#17 4,4'-DDT

R.T.: 5.864 min
Delta R.T.: -0.010 min
Response: 185266793
Conc: 83.04 ng/ml m



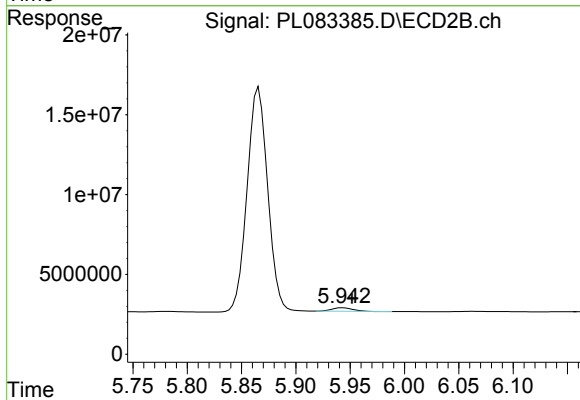
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 3069625
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

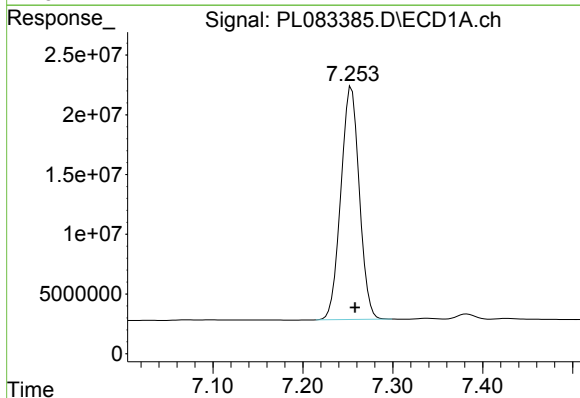
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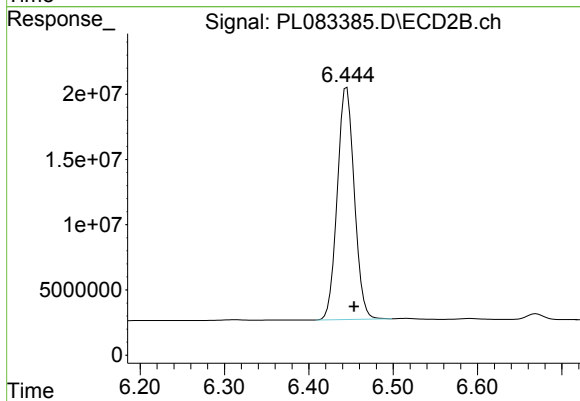
#18 Endrin aldehyde

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 3019685
Conc: 1.53 ng/ml



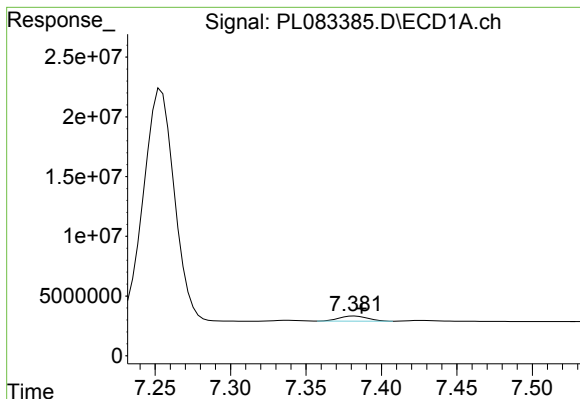
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 277877029
Conc: 210.13 ng/ml



#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.010 min
Response: 249216774
Conc: 195.96 ng/ml m



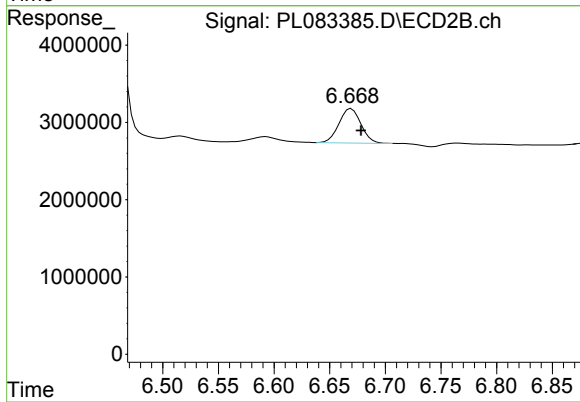
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 5662550
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

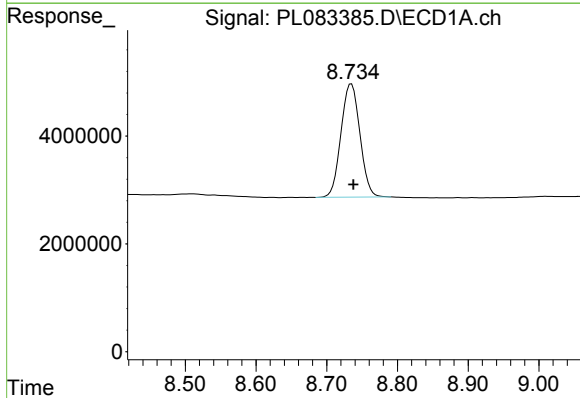
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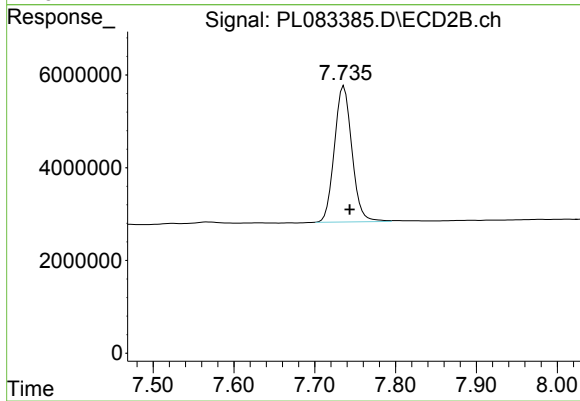
#21 Endrin ketone

R.T.: 6.668 min
Delta R.T.: -0.010 min
Response: 6109326
Conc: 2.26 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.003 min
Response: 39137476
Conc: 18.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.007 min
Response: 44111686
Conc: 17.74 ng/ml