

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
 Data File : PL083418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2023 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/15/2023
 Supervised By : Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 22:24:59 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...	3.314	2.632	52192275	43937452	17.758	16.924
28)	SA Decachlor...	8.733	7.734	40238427	44402823	19.186	17.857
Target Compounds							
2)	A alpha-BHC	3.763	3.127	36213349	28718627	8.158	7.696
3)	MA gamma-BHC...	4.091	3.453	35035083	27133106	8.457	8.140
6)	B beta-BHC	4.296	3.754	17602222	13827339	9.349	9.669
12)	B 4,4'-DDE	5.942	5.061	766011	296565	0.278	0.122m#
14)	MA Endrin	6.315	5.465	105.4E6	93806446	39.210	36.976
16)	A 4,4'-DDD	6.459	5.616	7881567	6387026	3.627	3.321
17)	MA 4,4'-DDT	6.771	5.863	192.8E6	175.1E6	77.006	78.506m
18)	B Endrin al...	6.667	5.942	3611387	3688866	1.796	1.865
20)	A Methoxychlor	7.252	6.443	255.2E6	227.8E6	193.005	179.147
21)	B Endrin ke...	7.381	6.668	6894246	7992333	2.703	2.956

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

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Acq On : 14 Jun 2023 08:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

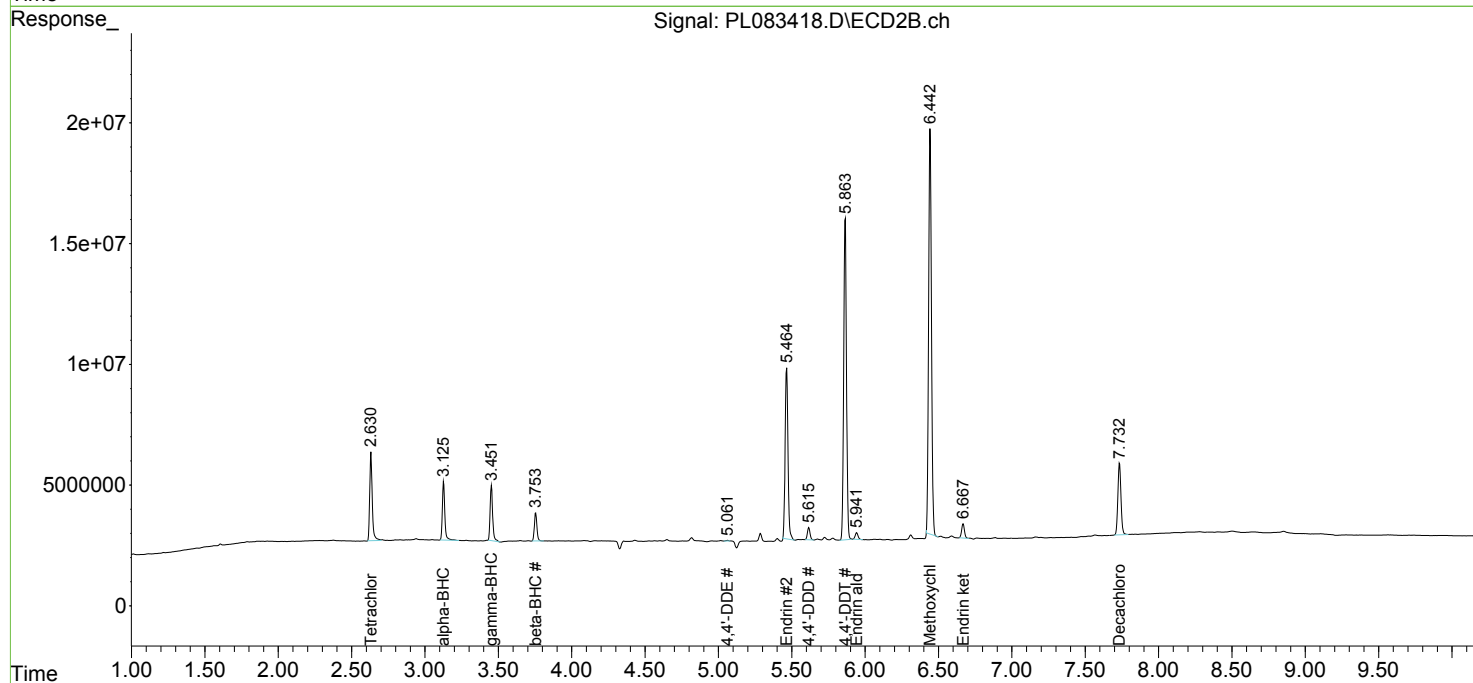
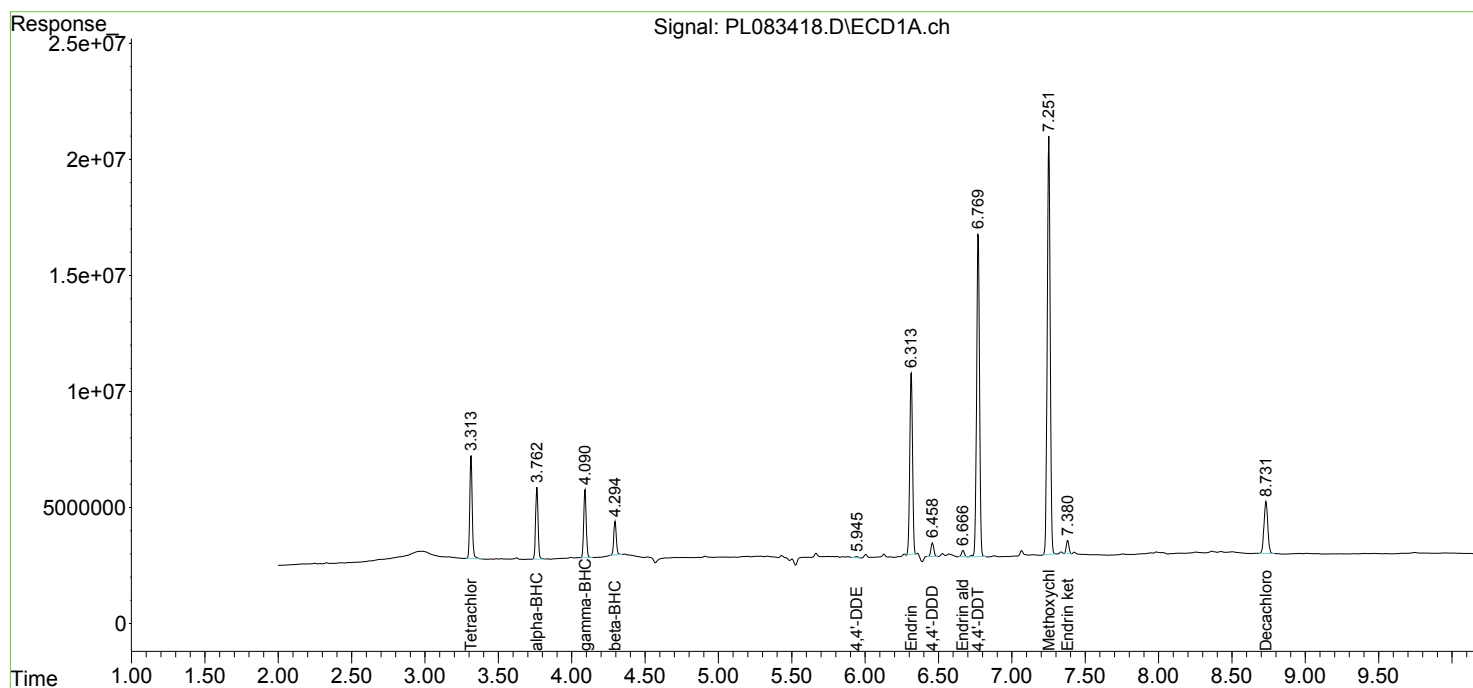
Instrument :
ECD_L
ClientSampleId :
PEM

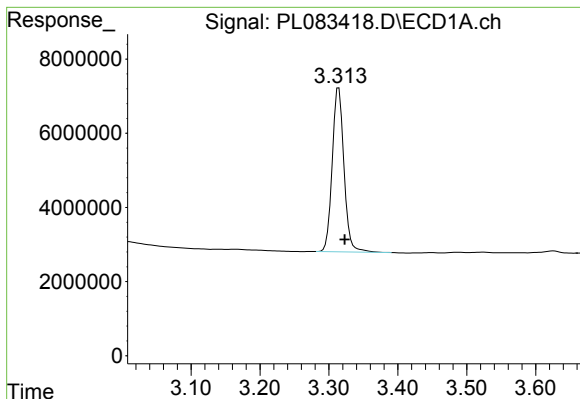
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Integration File signal 1: autoint1.e
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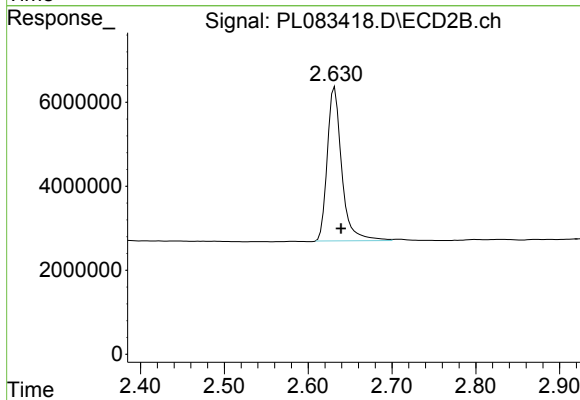
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 52192275
Conc: 17.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

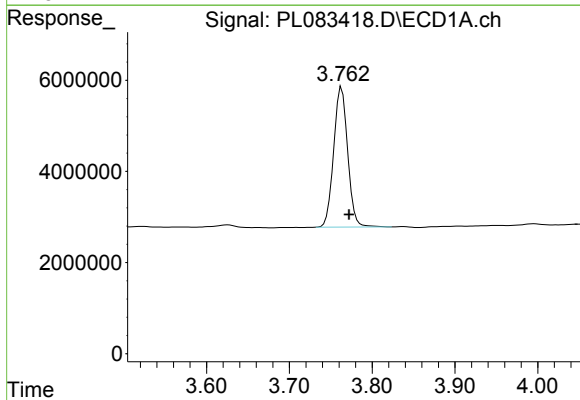
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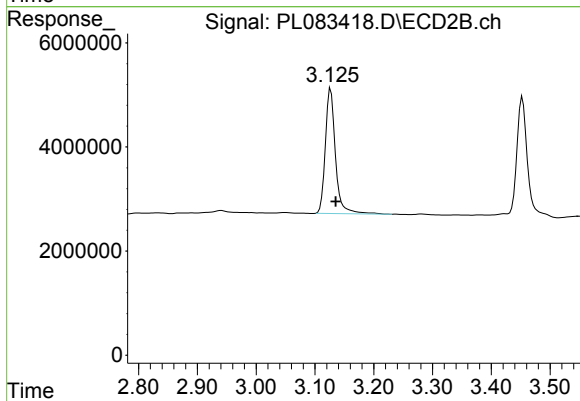
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 43937452
Conc: 16.92 ng/ml



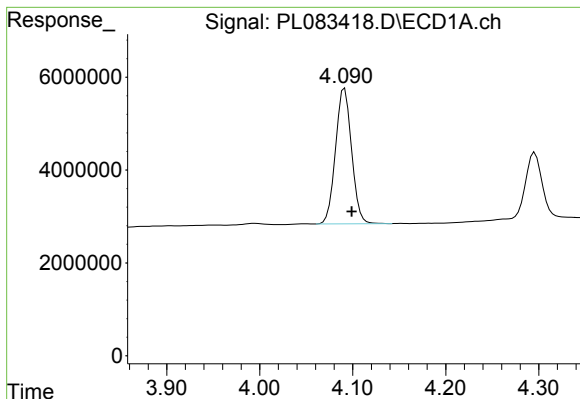
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 36213349
Conc: 8.16 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 28718627
Conc: 7.70 ng/ml



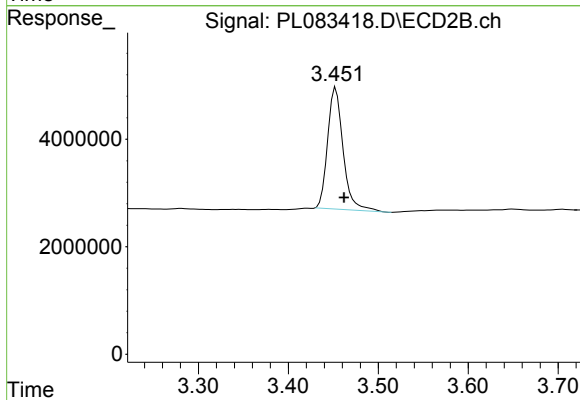
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 35035083
Conc: 8.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

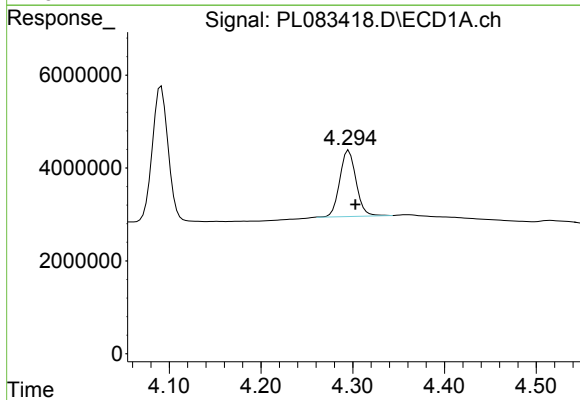
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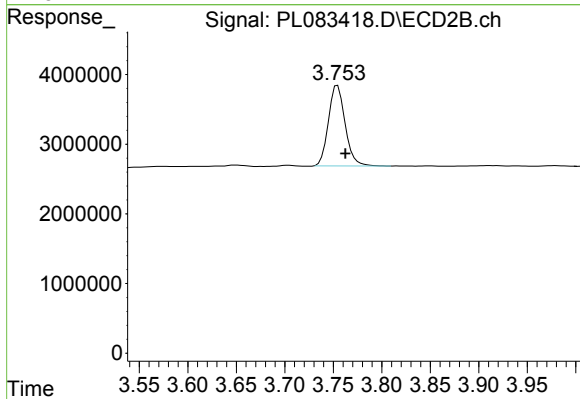
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 27133106
Conc: 8.14 ng/ml



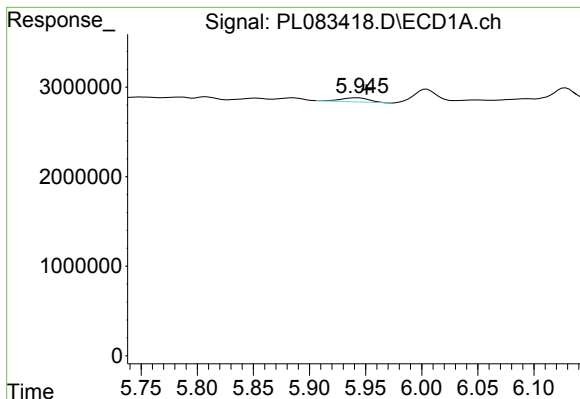
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 17602222
Conc: 9.35 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 13827339
Conc: 9.67 ng/ml



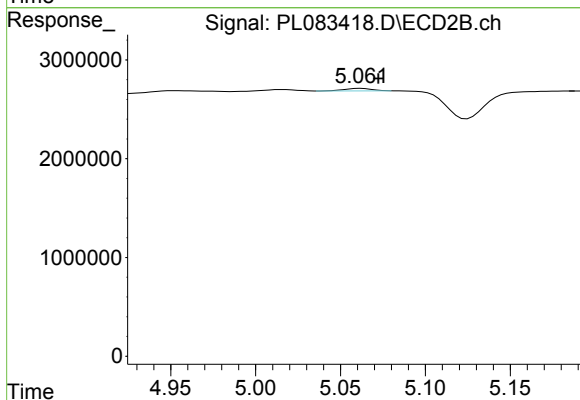
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 766011
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

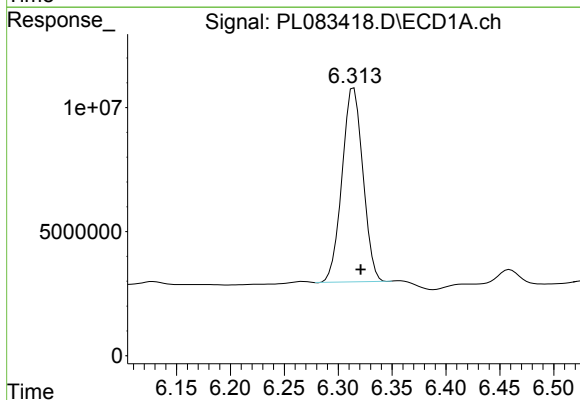
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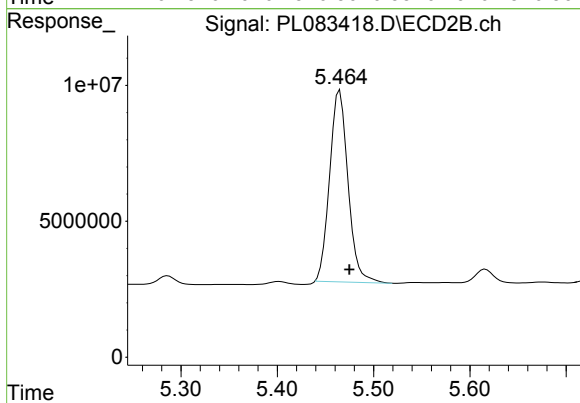
#12 4,4'-DDE

R.T.: 5.061 min
Delta R.T.: -0.012 min
Response: 296565
Conc: 0.12 ng/ml m



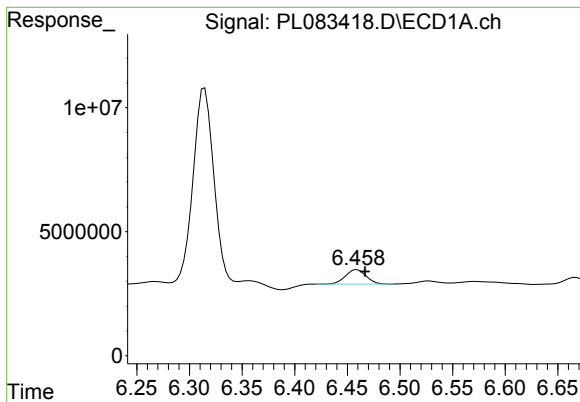
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 105367722
Conc: 39.21 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.010 min
Response: 93806446
Conc: 36.98 ng/ml



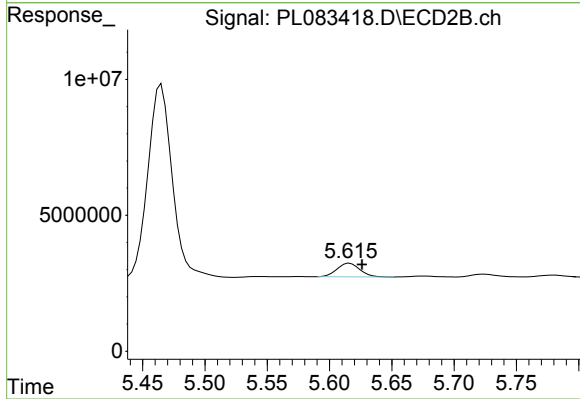
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 7881567
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

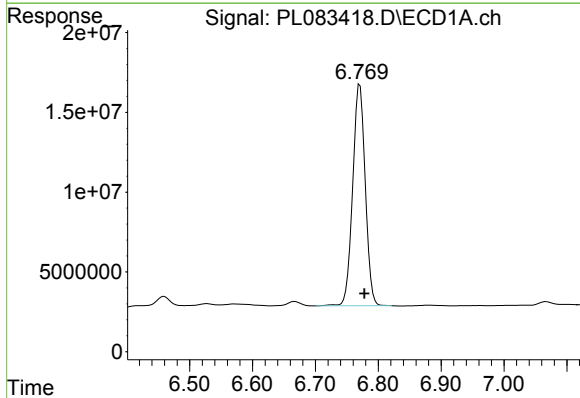
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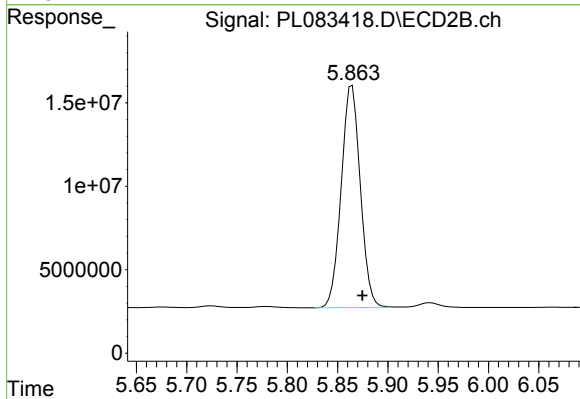
#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 6387026
Conc: 3.32 ng/ml



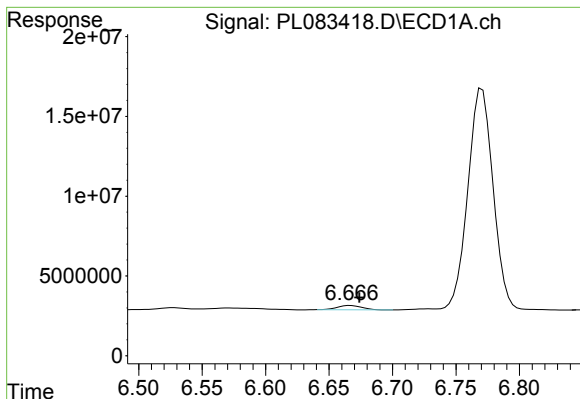
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 192759063
Conc: 77.01 ng/ml



#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: -0.012 min
Response: 175149274
Conc: 78.51 ng/ml m



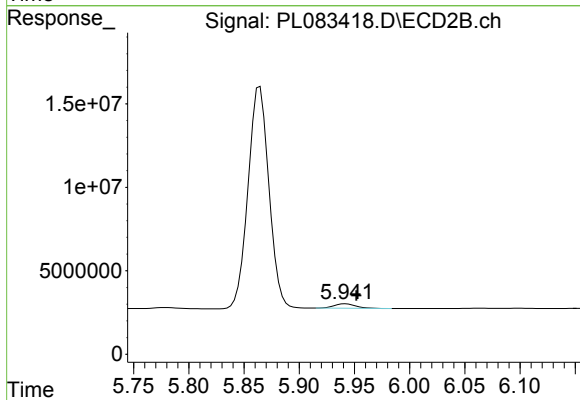
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 3611387
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

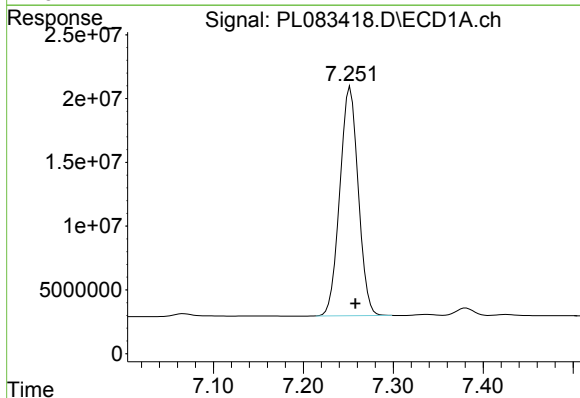
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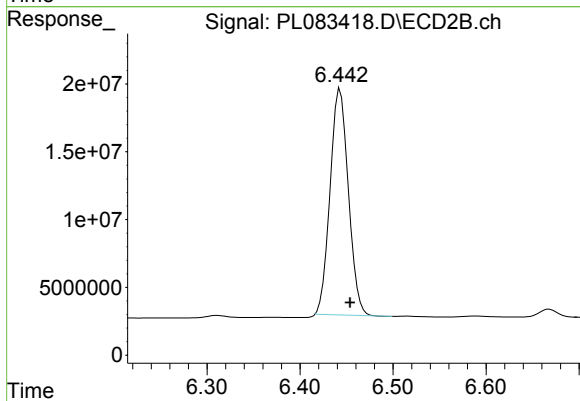
#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 3688866
Conc: 1.87 ng/ml



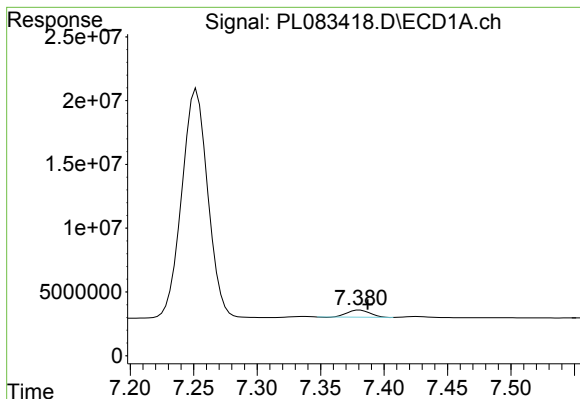
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 255226355
Conc: 193.01 ng/ml



#20 Methoxychlor

R.T.: 6.443 min
Delta R.T.: -0.011 min
Response: 227829755
Conc: 179.15 ng/ml



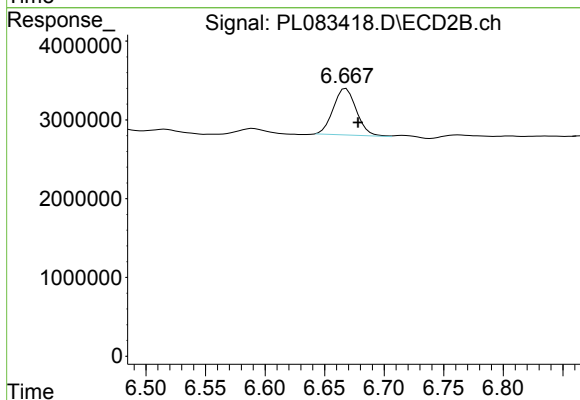
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 6894246
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

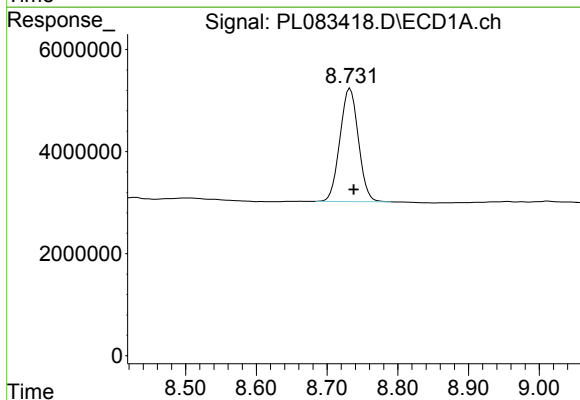
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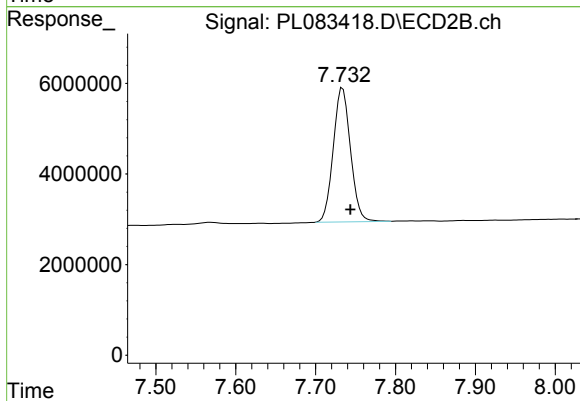
#21 Endrin ketone

R.T.: 6.668 min
Delta R.T.: -0.010 min
Response: 7992333
Conc: 2.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 40238427
Conc: 19.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.734 min
Delta R.T.: -0.010 min
Response: 44402823
Conc: 17.86 ng/ml