

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060823\
 Data File : PL083338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2023 19:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2023
 Supervised By : Ankita Jodhani 06/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:46:14 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	56157313	50684063	19.108	19.523
28)	SA Decachlor...	8.730	7.736	41917101	49357887	19.986	19.850
Target Compounds							
2)	A alpha-BHC	3.762	3.127	38850920	33089971	8.752	8.868
3)	MA gamma-BHC...	4.090	3.454	37862361	31334782	9.139	9.401
6)	B beta-BHC	4.294	3.755	18448317	16150202	9.799	11.293
12)	B 4,4'-DDE	5.943	5.061	714480	427707	0.259	0.176m#
14)	MA Endrin	6.314	5.466	109.3E6	103.7E6	40.664	40.869
16)	A 4,4'-DDD	6.459	5.617	17180365	14610757	7.906	7.597
17)	MA 4,4'-DDT	6.770	5.864	206.4E6	197.8E6	82.450	88.654m
18)	B Endrin al...	6.666	5.943	4793683	4810621	2.384	2.433
20)	A Methoxychlor	7.251	6.444	268.1E6	257.1E6	202.734	202.172
21)	B Endrin ke...	7.380	6.669	11767379	13225530	4.613	4.891

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

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Acq On : 08 Jun 2023 19:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

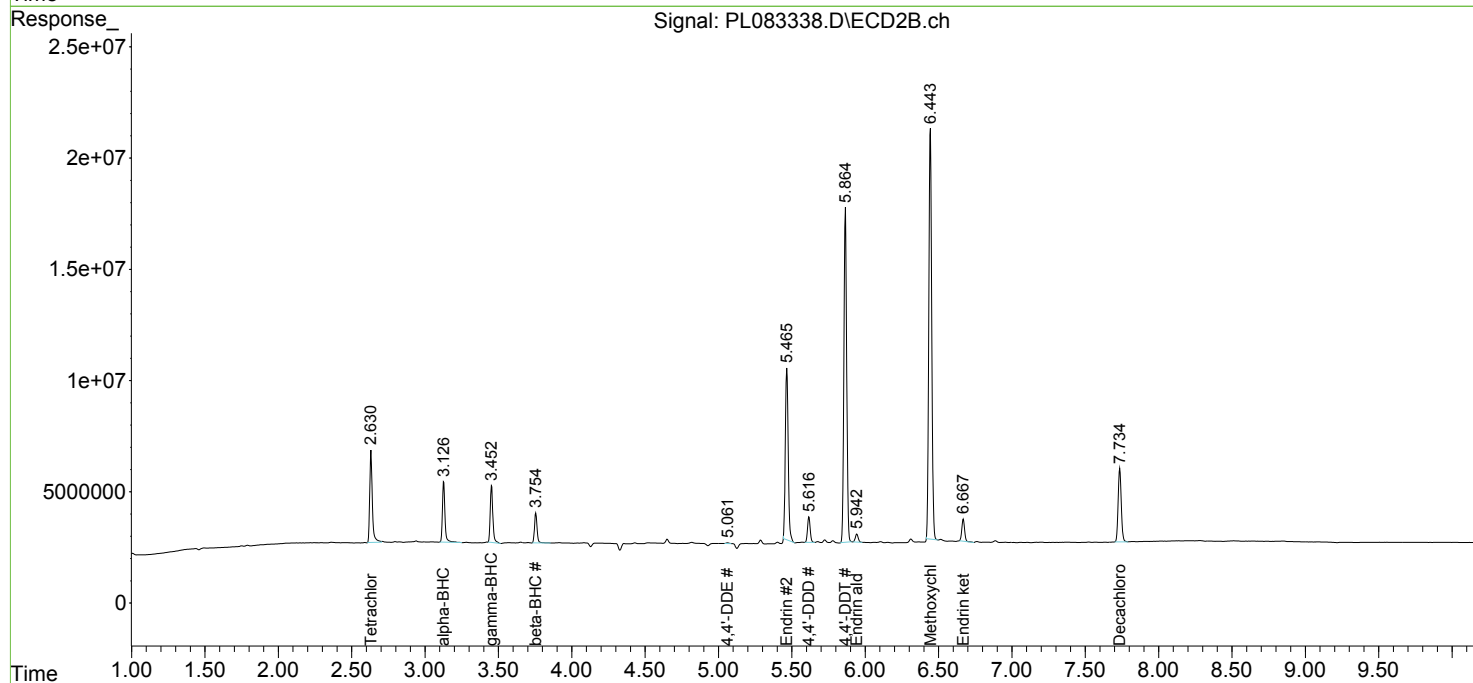
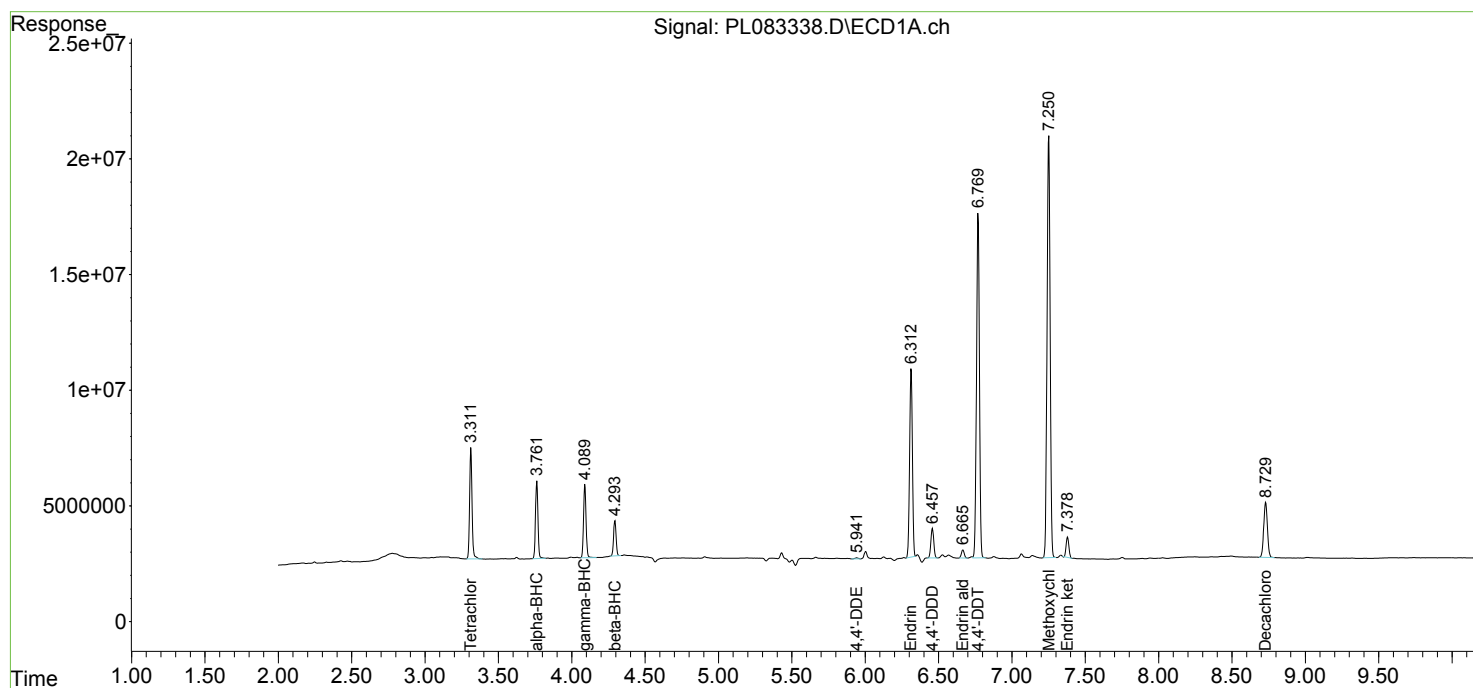
Instrument :
ECD_L
ClientSampleId :
PEM

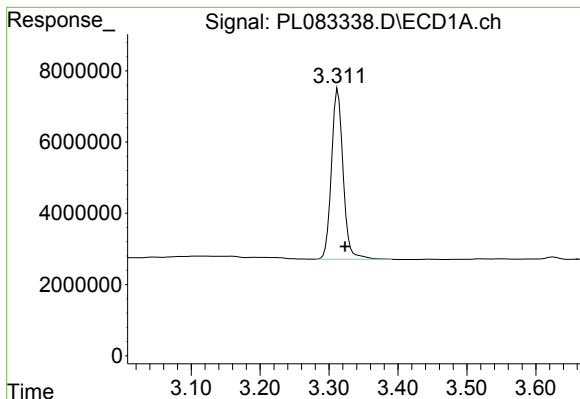
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Integration File signal 1: autoint1.e
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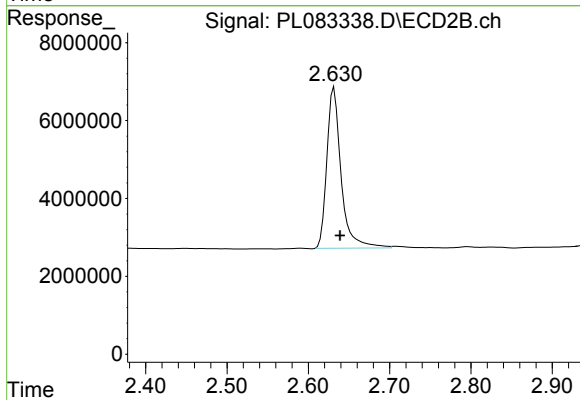
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 56157313
Conc: 19.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

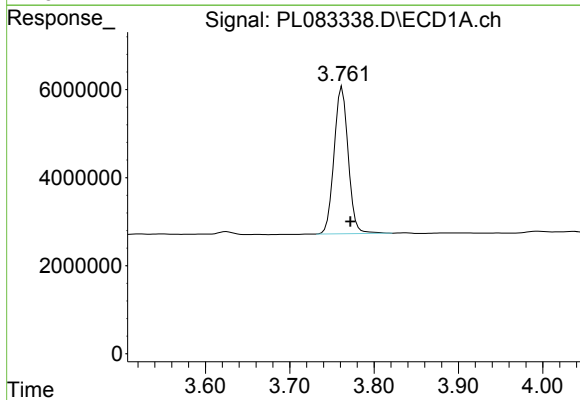
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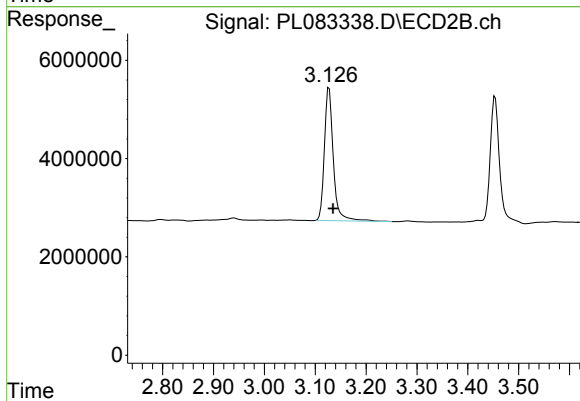
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 50684063
Conc: 19.52 ng/ml



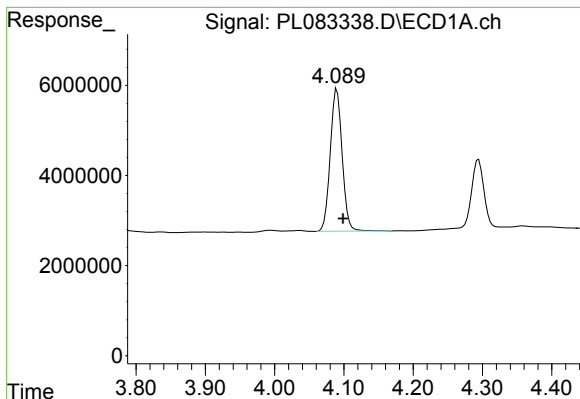
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 38850920
Conc: 8.75 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 33089971
Conc: 8.87 ng/ml



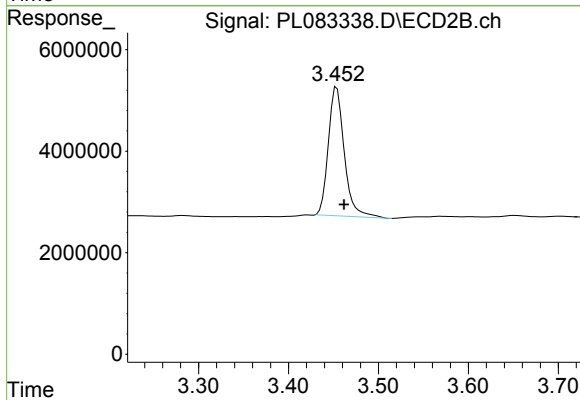
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 37862361
Conc: 9.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

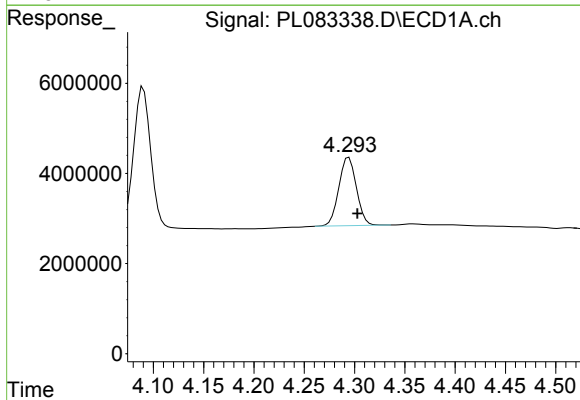
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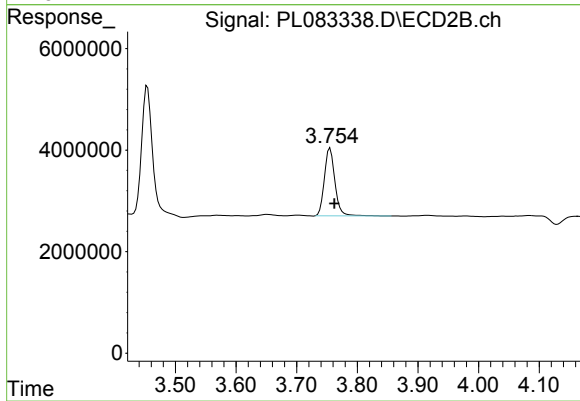
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: -0.008 min
Response: 31334782
Conc: 9.40 ng/ml



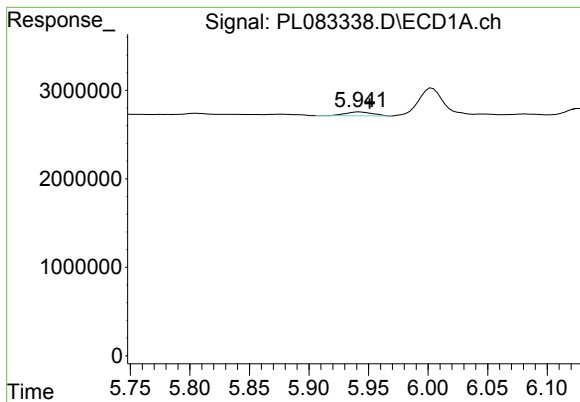
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 18448317
Conc: 9.80 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.007 min
Response: 16150202
Conc: 11.29 ng/ml



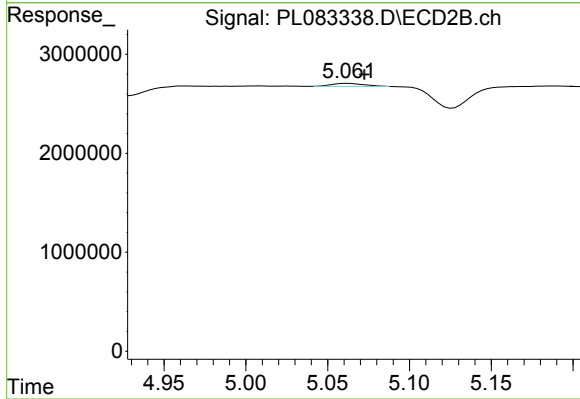
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 714480
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

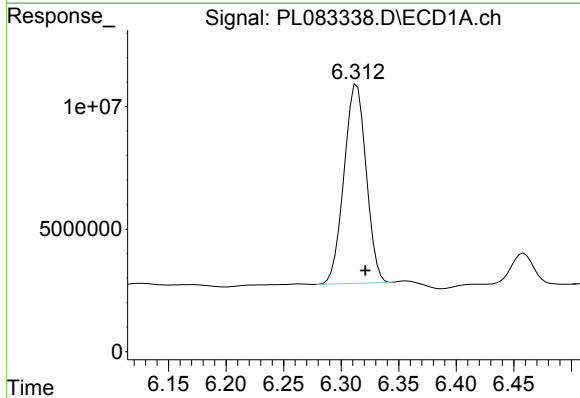
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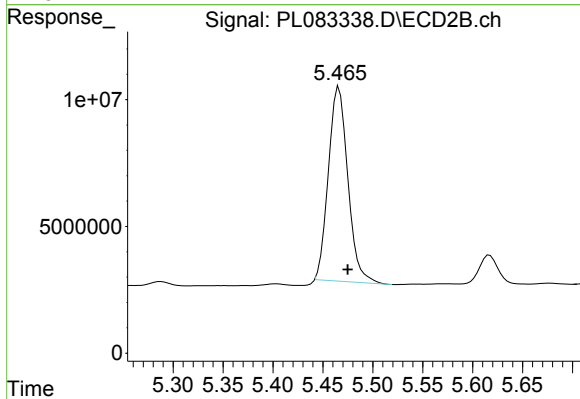
#12 4,4'-DDE

R.T.: 5.061 min
Delta R.T.: -0.011 min
Response: 427707
Conc: 0.18 ng/ml m



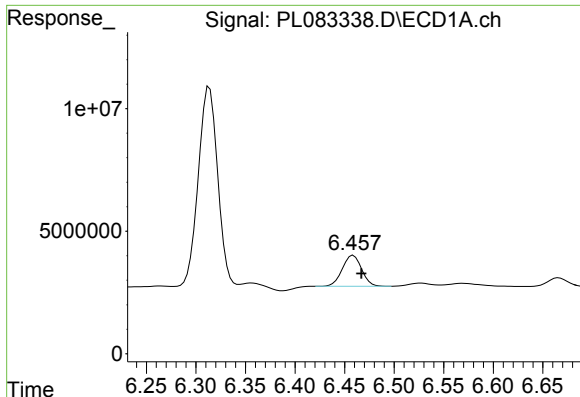
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 109275251
Conc: 40.66 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.009 min
Response: 103683506
Conc: 40.87 ng/ml



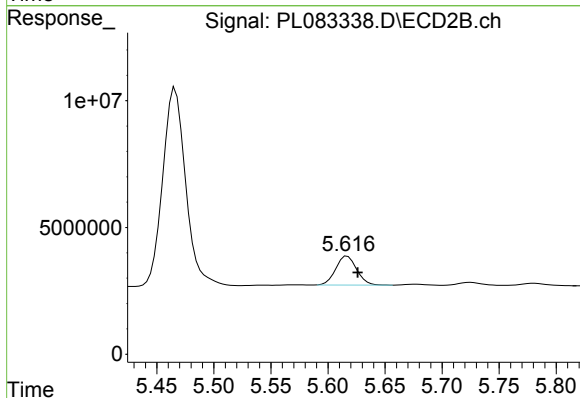
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 17180365
Conc: 7.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

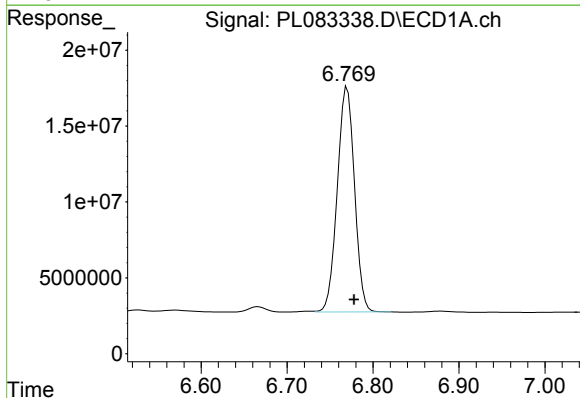
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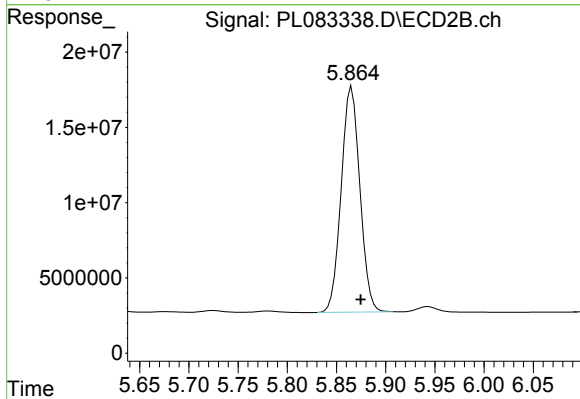
#16 4,4'-DDD

R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 14610757
Conc: 7.60 ng/ml



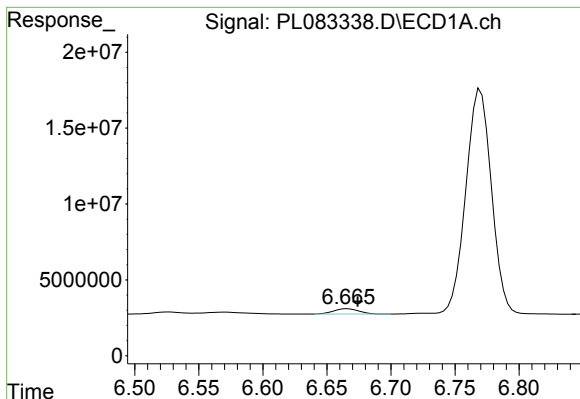
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 206388045
Conc: 82.45 ng/ml



#17 4,4'-DDT

R.T.: 5.864 min
Delta R.T.: -0.011 min
Response: 197790139
Conc: 88.65 ng/ml m



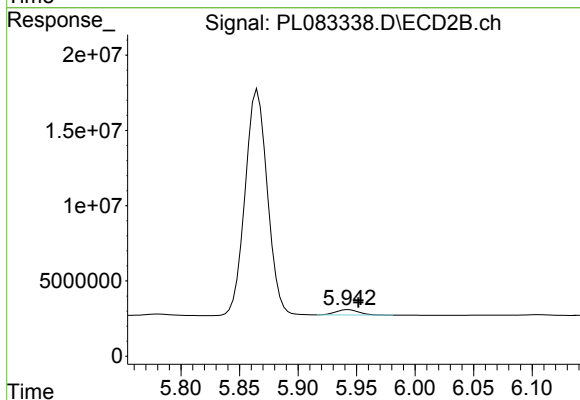
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 4793683
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

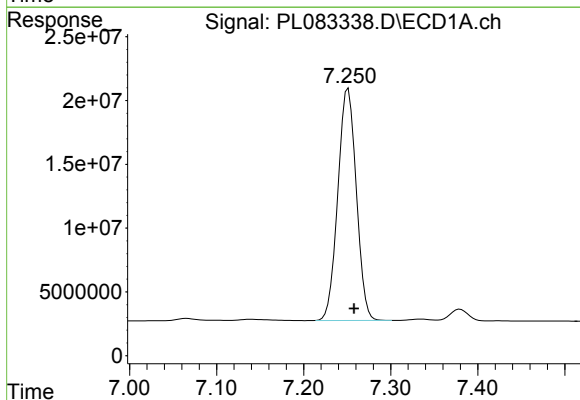
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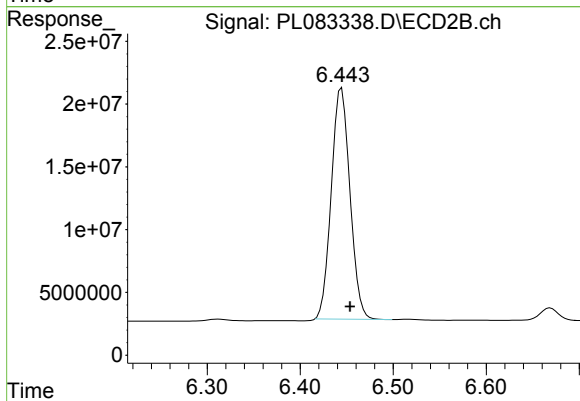
#18 Endrin aldehyde

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 4810621
Conc: 2.43 ng/ml



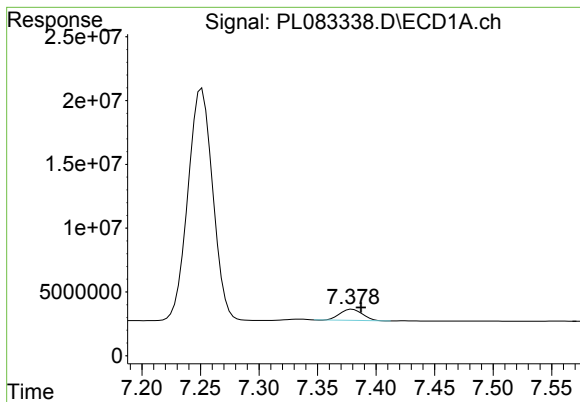
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 268090783
Conc: 202.73 ng/ml



#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.009 min
Response: 257111173
Conc: 202.17 ng/ml



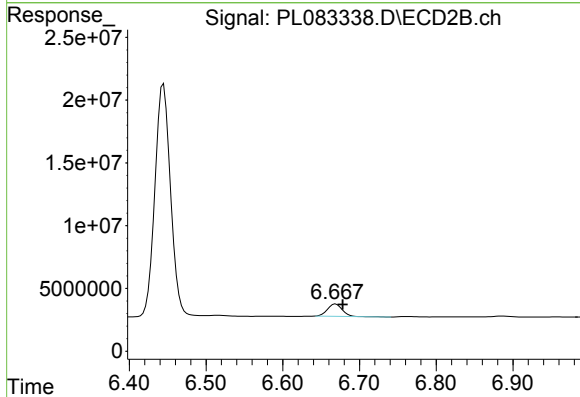
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 11767379
Conc: 4.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

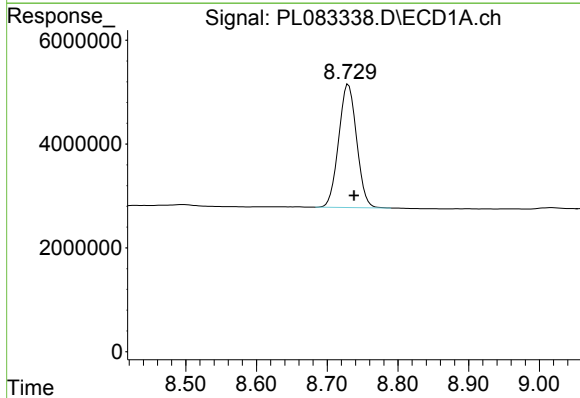
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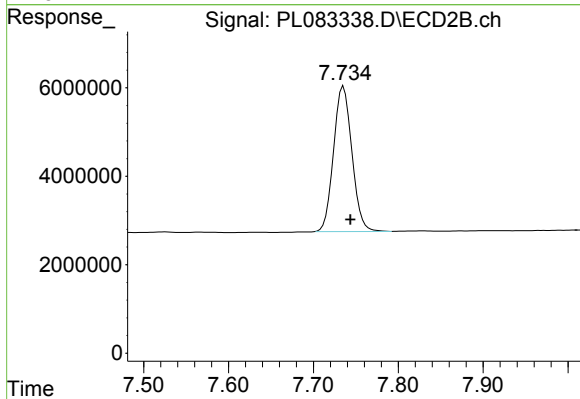
#21 Endrin ketone

R.T.: 6.669 min
Delta R.T.: -0.009 min
Response: 13225530
Conc: 4.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 41917101
Conc: 19.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 49357887
Conc: 19.85 ng/ml