

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
 Data File : PL078668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2022 19:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/01/2022
 Supervised By : Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:18:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.322	2.569	34897485	53152122	18.300	20.818
28)	SA Decachlor...	8.770	7.637	29904894	43926502	19.879	23.191
Target Compounds							
2)	A alpha-BHC	3.782	3.055	24409887	40241941	8.501	10.190
3)	MA gamma-BHC...	4.114	3.376	23820609	37243530	8.916	10.362
6)	B beta-BHC	4.329	3.676	10957517	16911150	9.512	11.786
12)	B 4,4'-DDE	5.973	4.978	597472	271198	0.299	0.100 #
14)	MA Endrin	6.349	5.367	81664561	124.3E6	43.031	47.693
16)	A 4,4'-DDD	6.497	5.528	5507235	8822746	3.304	4.017
17)	MA 4,4'-DDT	6.807	5.772	159.8E6	228.2E6	89.163	105.199m
18)	B Endrin al...	6.711	5.843	2703607	5166578	1.858	2.753 #
20)	A Methoxychlor	7.291	6.351	207.3E6	279.1E6	225.140	245.991
21)	B Endrin ke...	7.429	6.560	6063915	13731776	3.223	5.313 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

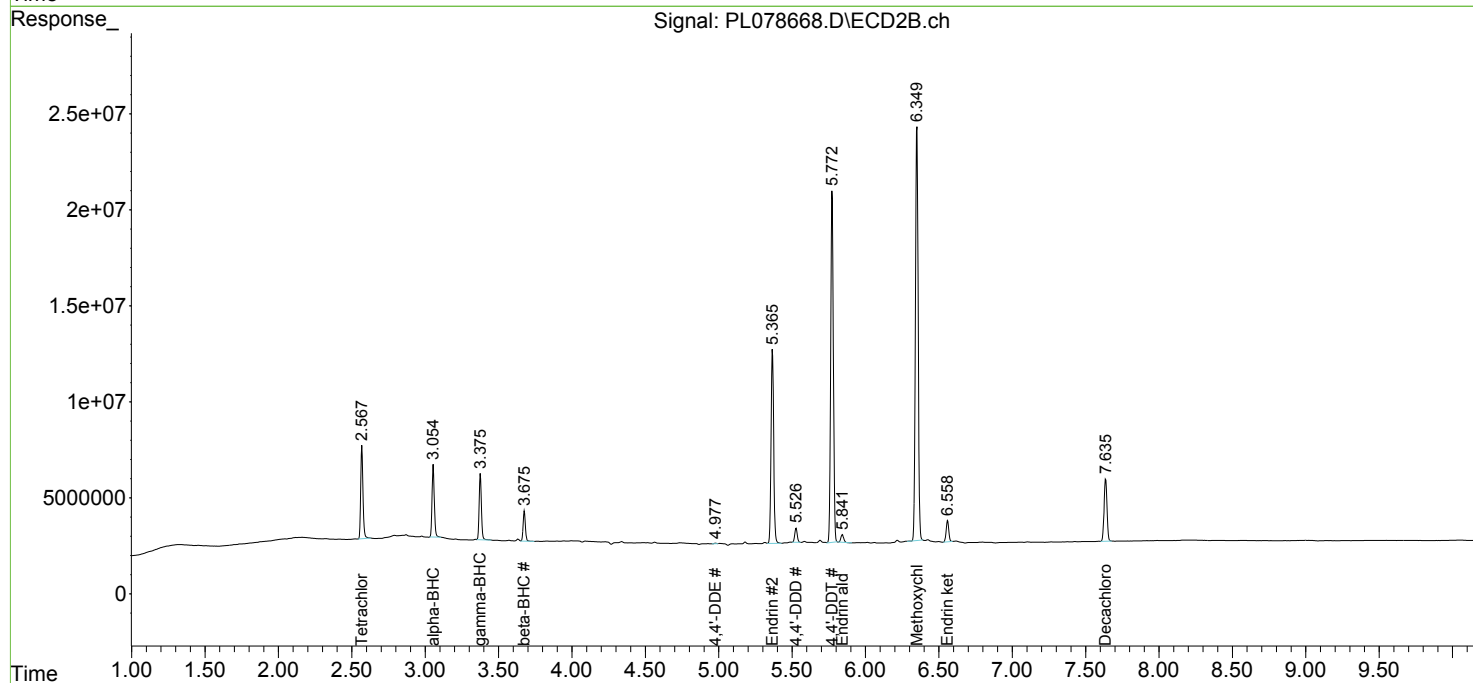
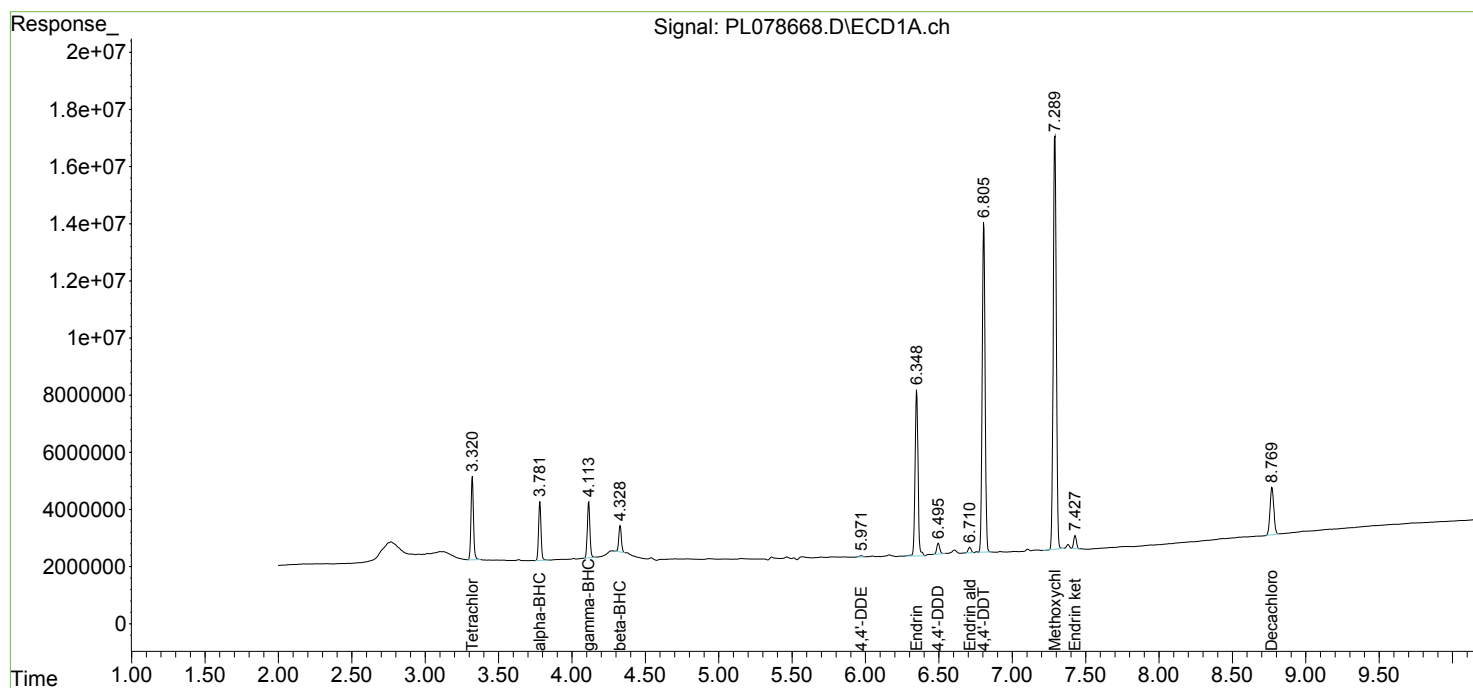
Instrument :
ECD_L
ClientSampleId :
PEM

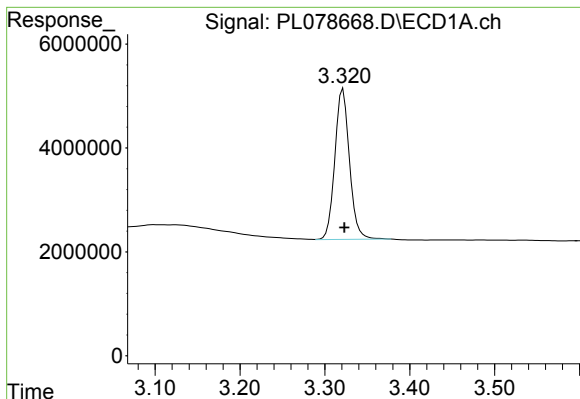
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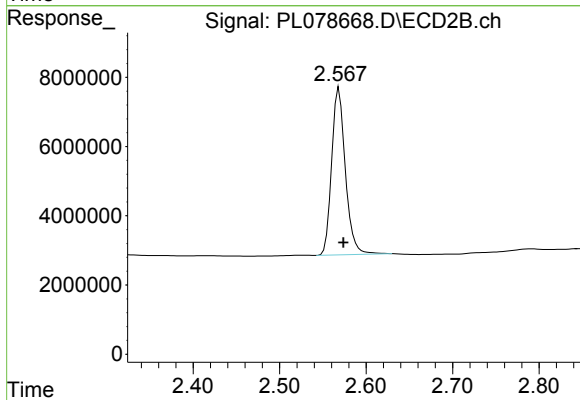
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 34897485
Conc: 18.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

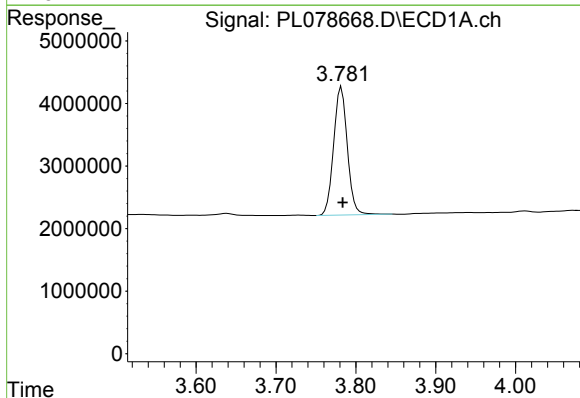
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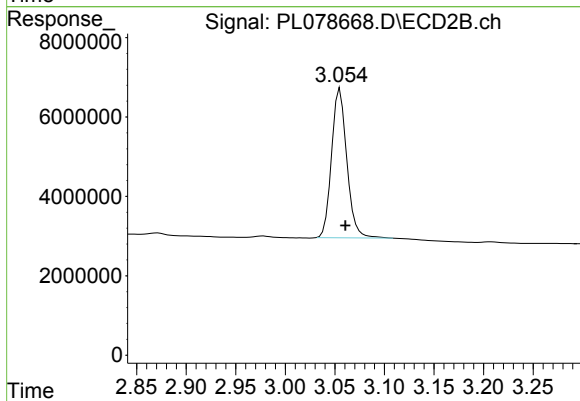
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 53152122
Conc: 20.82 ng/ml



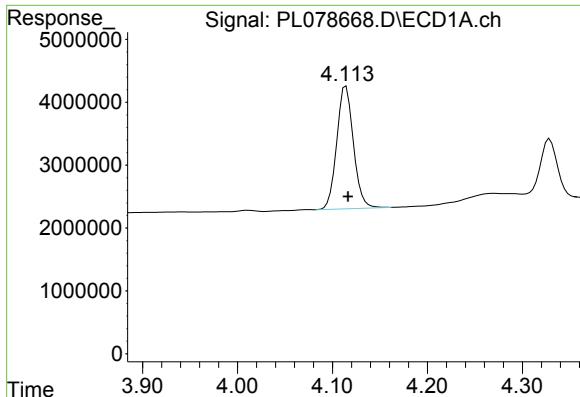
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 24409887
Conc: 8.50 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.005 min
Response: 40241941
Conc: 10.19 ng/ml



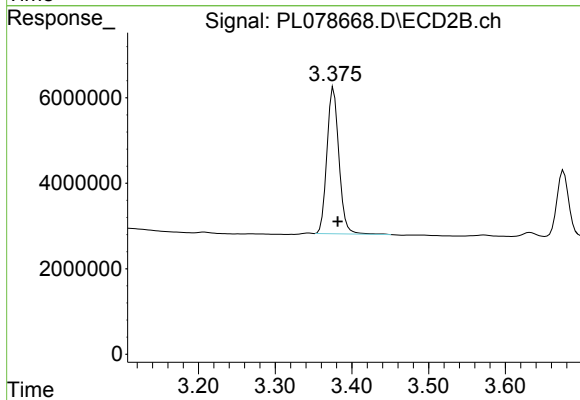
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 23820609
Conc: 8.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

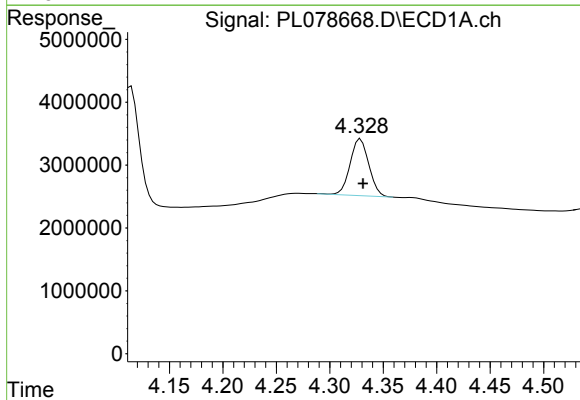
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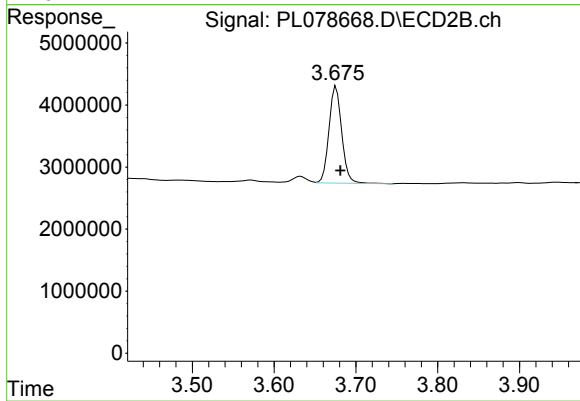
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 37243530
Conc: 10.36 ng/ml



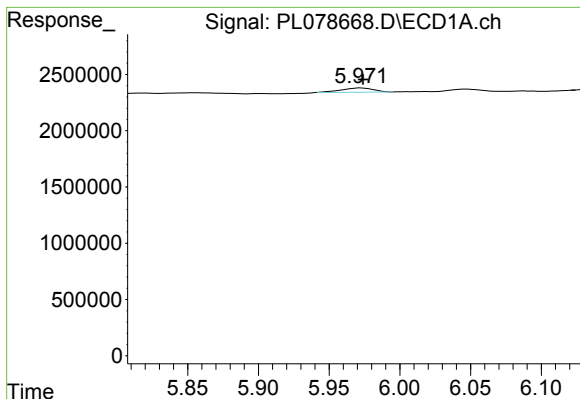
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 10957517
Conc: 9.51 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 16911150
Conc: 11.79 ng/ml



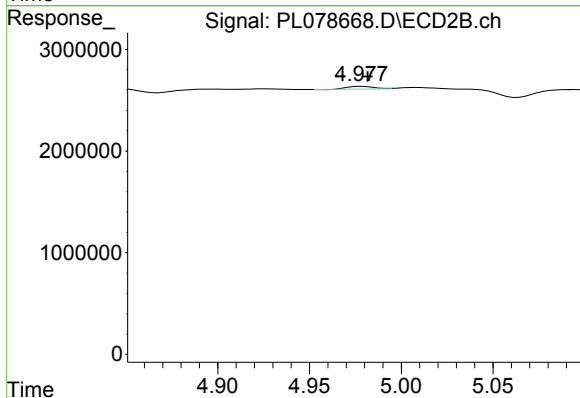
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 597472
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

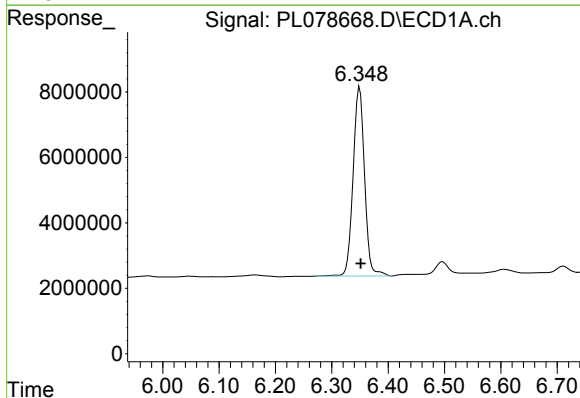
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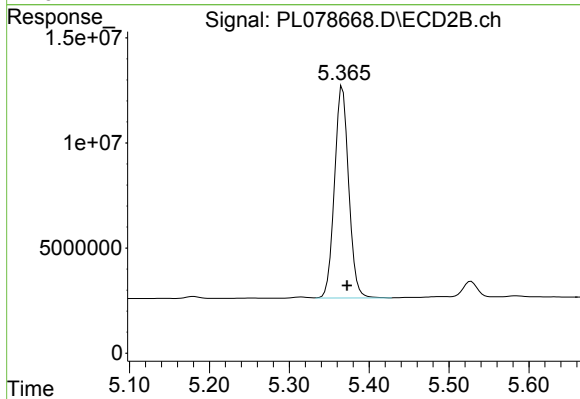
#12 4,4'-DDE

R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 271198
Conc: 0.10 ng/ml



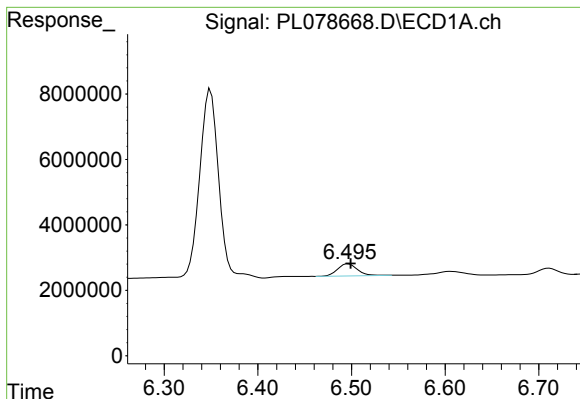
#14 Endrin

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 81664561
Conc: 43.03 ng/ml



#14 Endrin

R.T.: 5.367 min
Delta R.T.: -0.006 min
Response: 124251732
Conc: 47.69 ng/ml



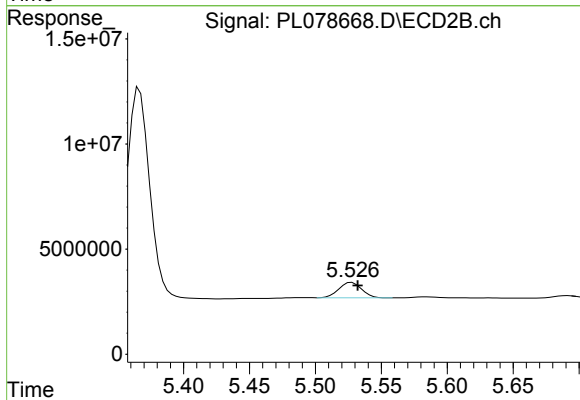
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 5507235
Conc: 3.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

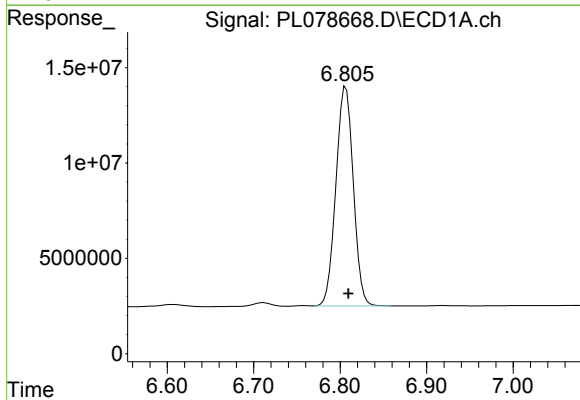
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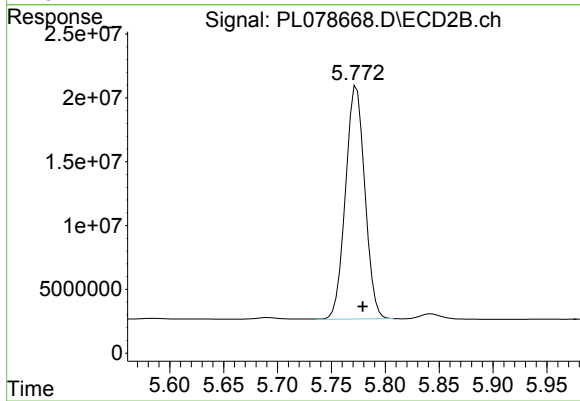
#16 4,4'-DDD

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 8822746
Conc: 4.02 ng/ml



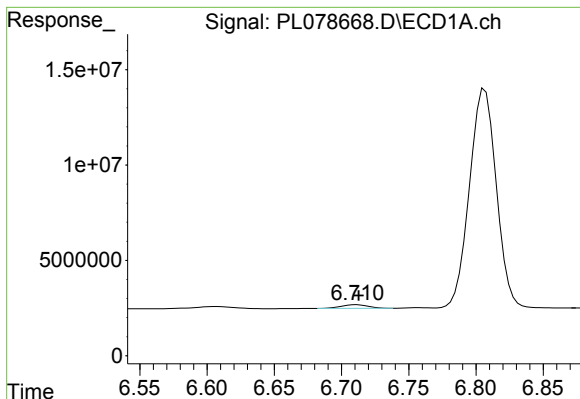
#17 4,4'-DDT

R.T.: 6.807 min
Delta R.T.: -0.003 min
Response: 159808347
Conc: 89.16 ng/ml



#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 228190929
Conc: 105.20 ng/ml m



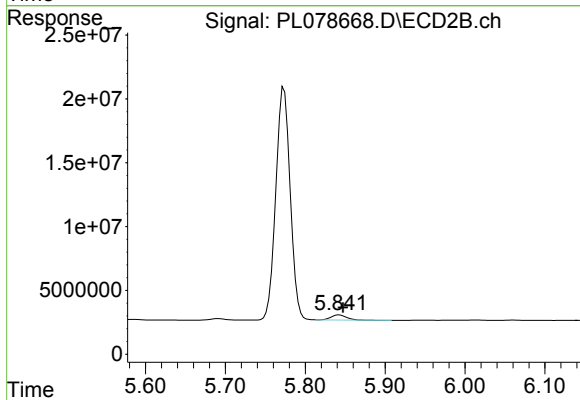
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 2703607
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

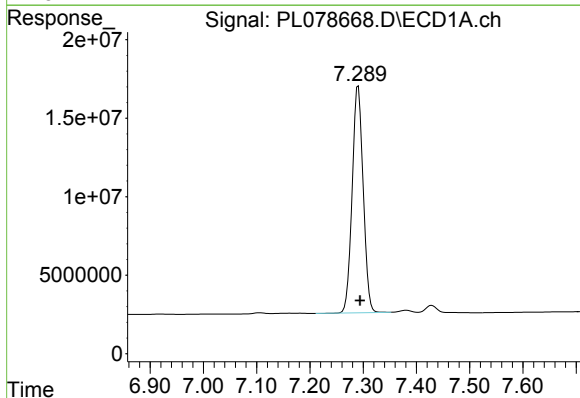
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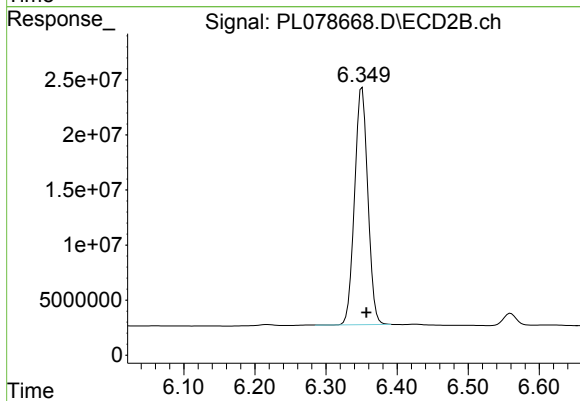
#18 Endrin aldehyde

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 5166578
Conc: 2.75 ng/ml



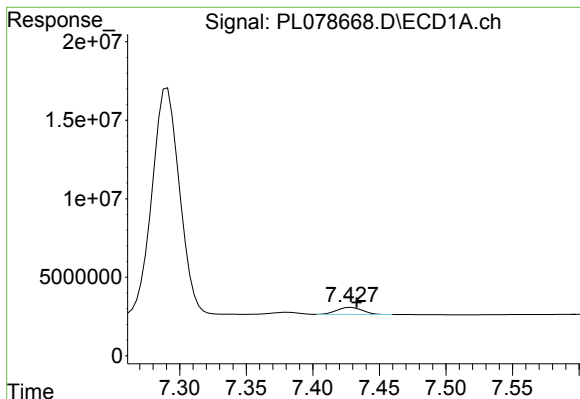
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 207328868
Conc: 225.14 ng/ml



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 279149382
Conc: 245.99 ng/ml



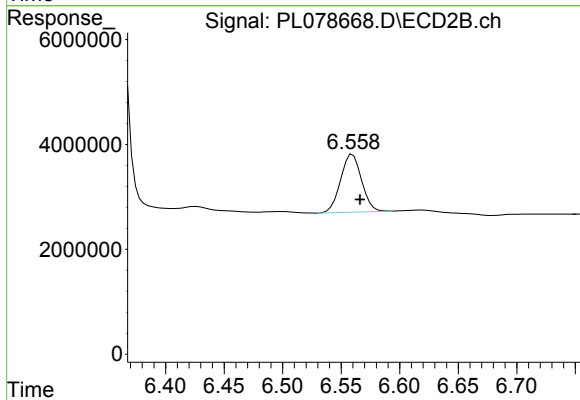
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 6063915
Conc: 3.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

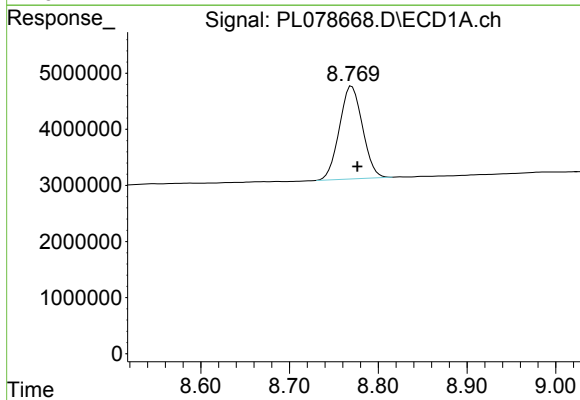
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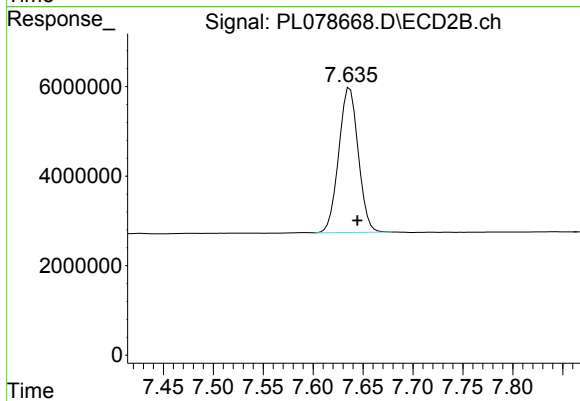
#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: -0.006 min
Response: 13731776
Conc: 5.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.006 min
Response: 29904894
Conc: 19.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 43926502
Conc: 23.19 ng/ml