

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 10:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/10/2023
 Supervised By : Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 20:07:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.333	2.664	41394246	36180425	19.159	17.877
28)	SA Decachlor...	8.757	7.786	30223446	33174389	19.825	17.319
Target Compounds							
2)	A alpha-BHC	3.782	3.164	27627918	23105154	8.685	7.884
3)	MA gamma-BHC...	4.111	3.492	26754316	21840551	9.043	7.939
6)	B beta-BHC	4.313	3.792	13806699	11127081	10.030	9.587
12)	B 4,4'-DDE	5.962	5.116	222725	220244	0.114m	0.112m
14)	MA Endrin	6.336	5.513	80723556	79344794	44.415	39.482
16)	A 4,4'-DDD	6.481	5.666	439060	421326	0.285m	0.275m
17)	MA 4,4'-DDT	6.791	5.913	160.5E6	149.1E6	101.129	92.949
18)	B Endrin al...	6.687	5.992	2389937	2892515	1.670m	1.909
20)	A Methoxychlor	7.270	6.492	218.3E6	206.3E6	253.479m	222.244m
21)	B Endrin ke...	7.401	6.717	3145546	4102540	1.734	1.905

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

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Sample : PEM
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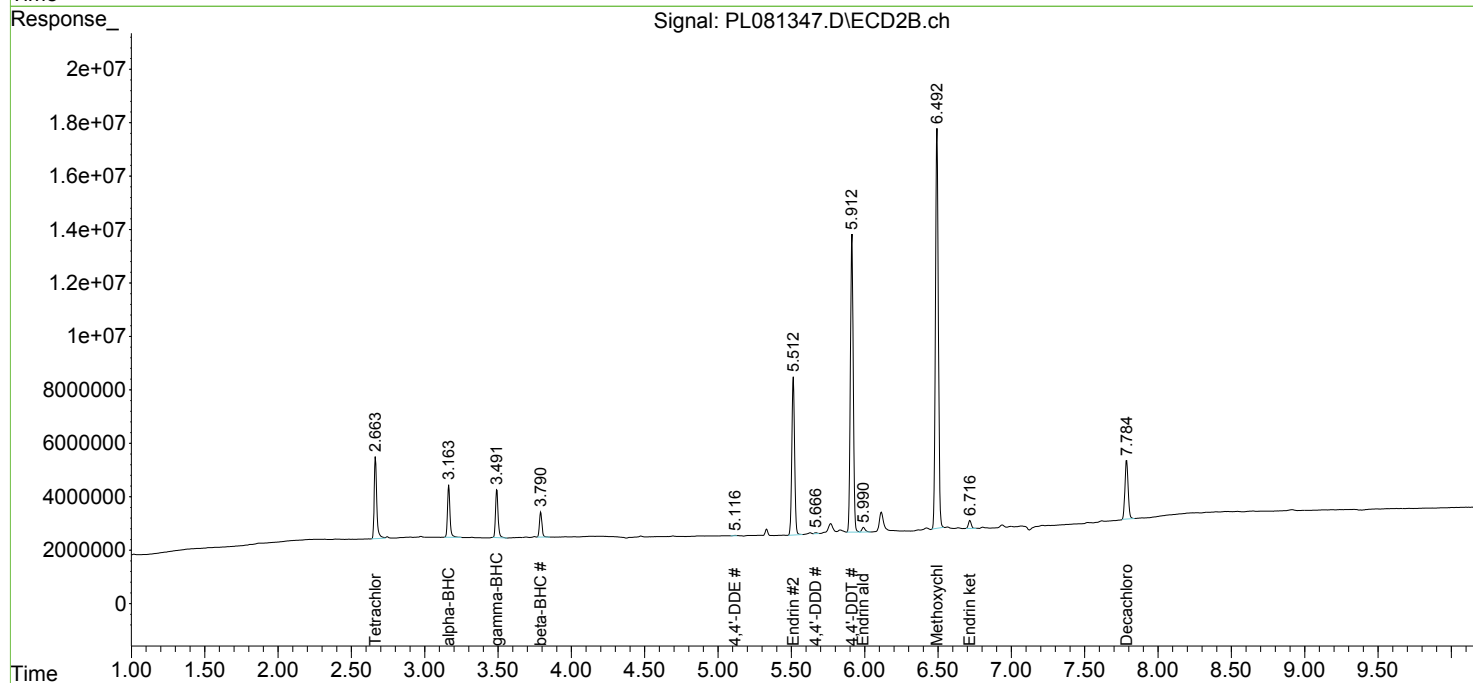
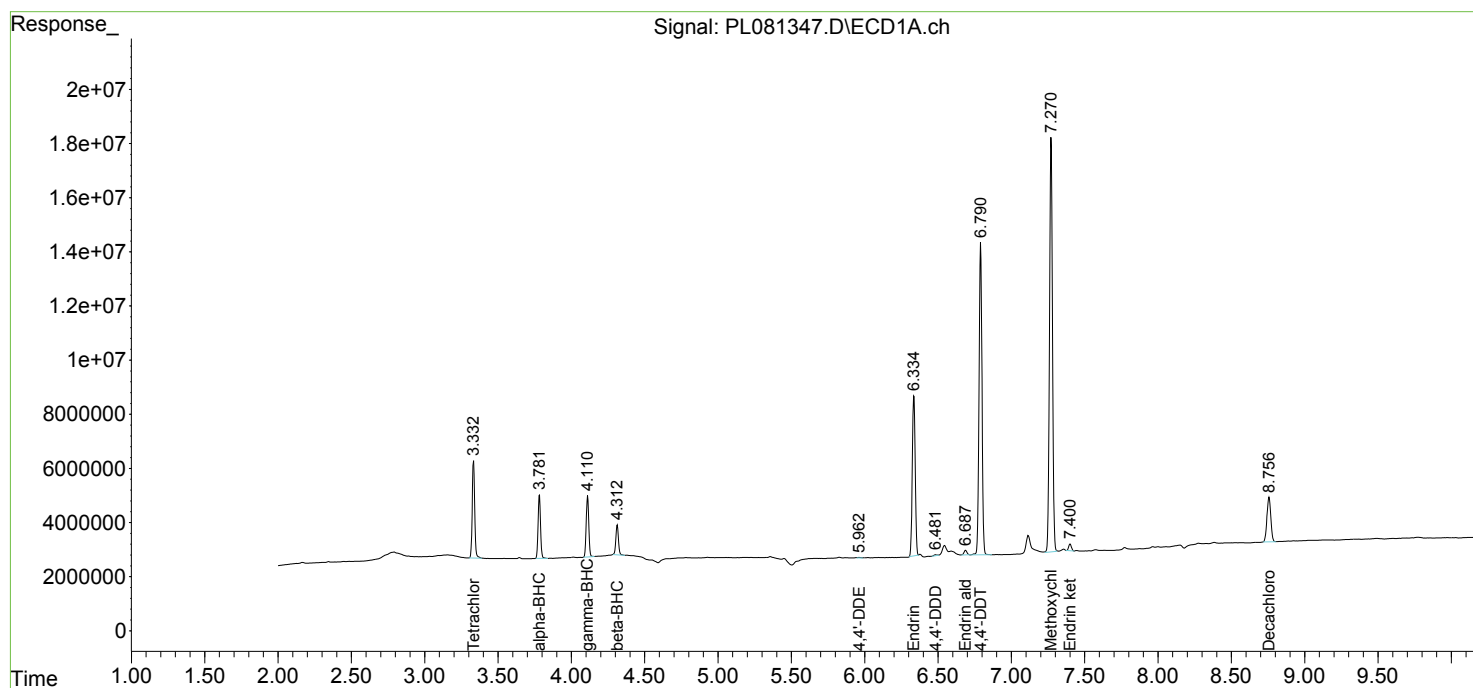
Instrument :
ECD_L
ClientSampleId :
PEM

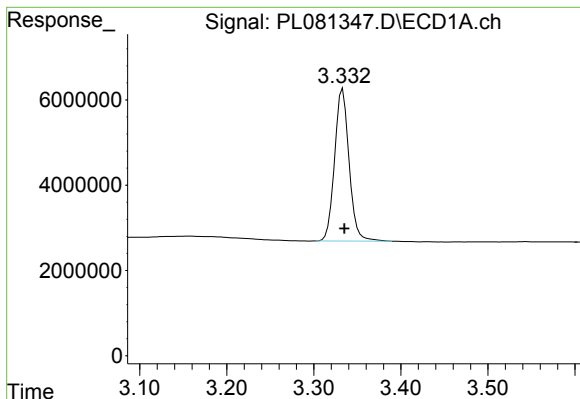
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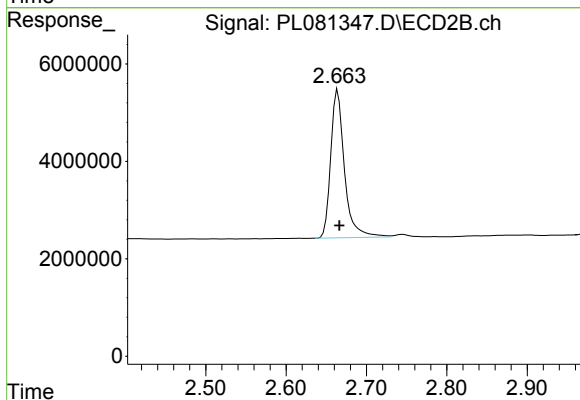
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 41394246
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

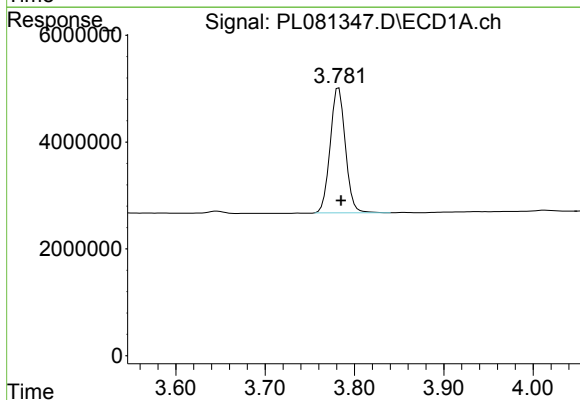
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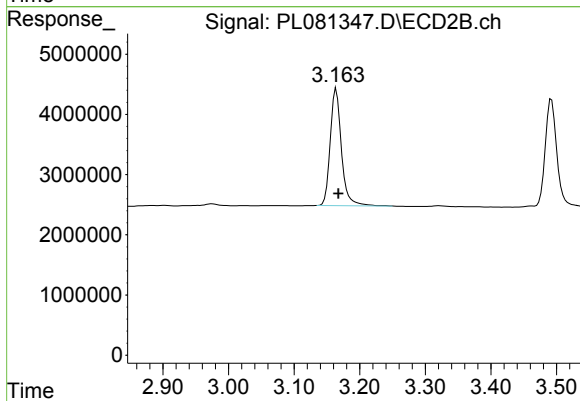
#1 Tetrachloro-m-xylene

R.T.: 2.664 min
Delta R.T.: -0.002 min
Response: 36180425
Conc: 17.88 ng/ml



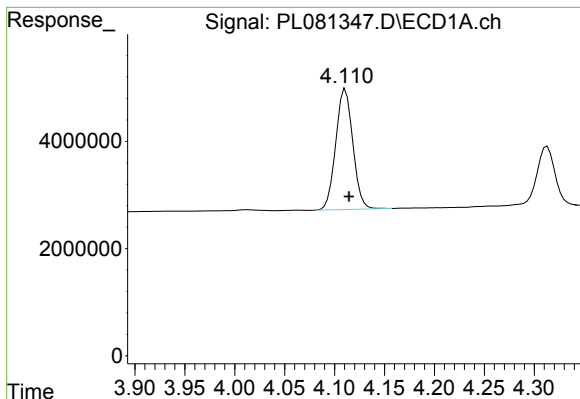
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 27627918
Conc: 8.68 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 23105154
Conc: 7.88 ng/ml



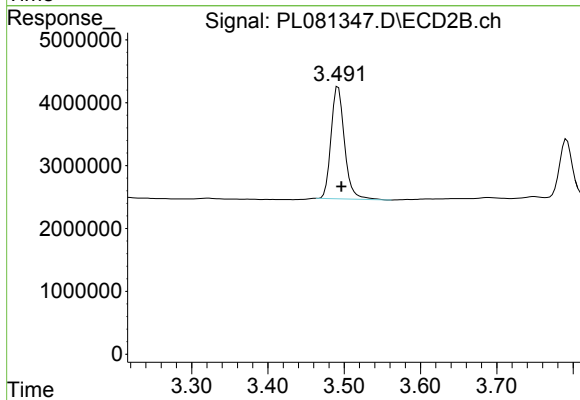
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 26754316
Conc: 9.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

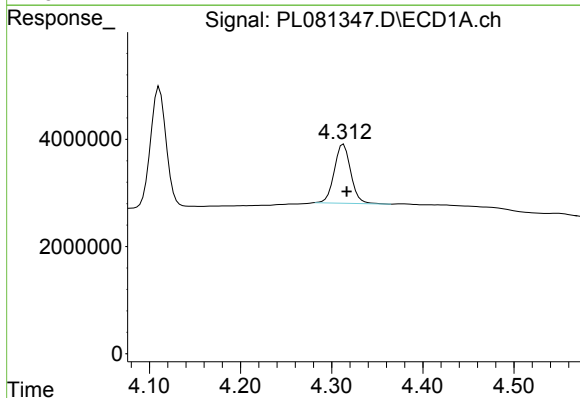
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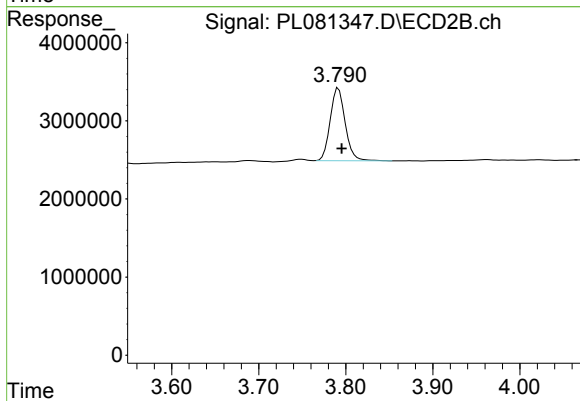
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.004 min
Response: 21840551
Conc: 7.94 ng/ml



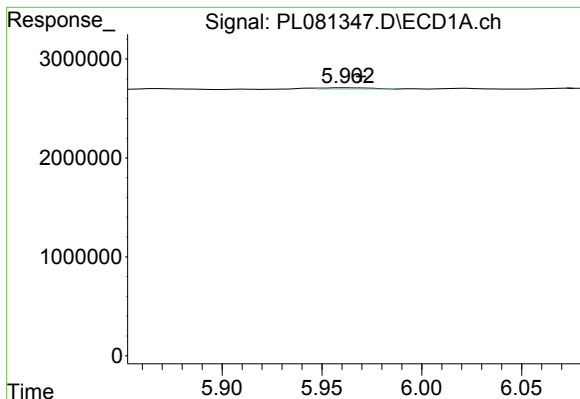
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.003 min
Response: 13806699
Conc: 10.03 ng/ml



#6 beta-BHC

R.T.: 3.792 min
Delta R.T.: -0.004 min
Response: 11127081
Conc: 9.59 ng/ml



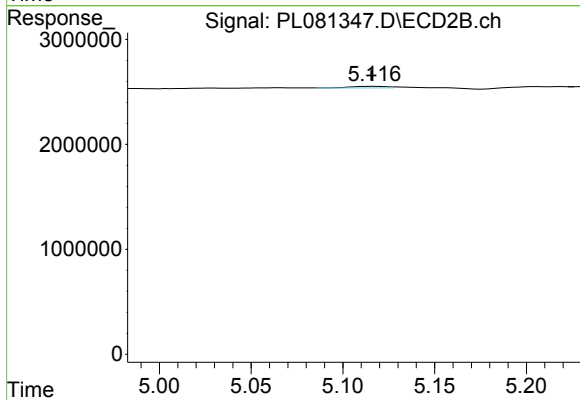
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 222725
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

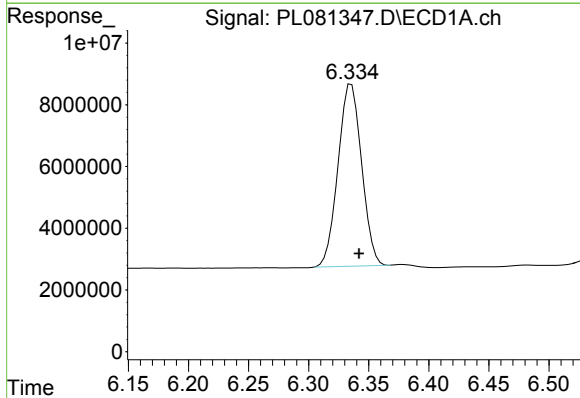
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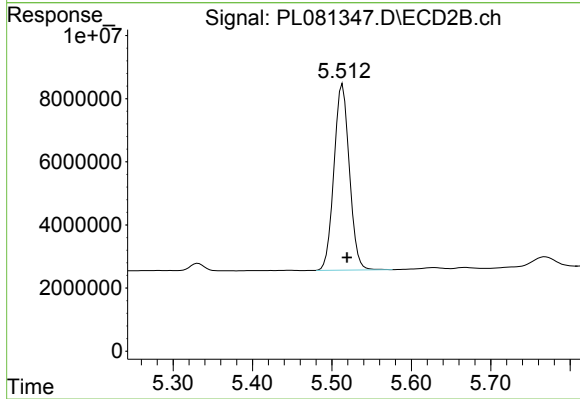
#12 4,4'-DDE

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 220244
Conc: 0.11 ng/ml m



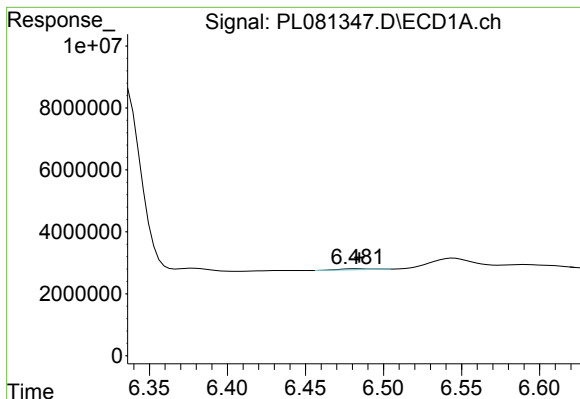
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 80723556
Conc: 44.42 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 79344794
Conc: 39.48 ng/ml



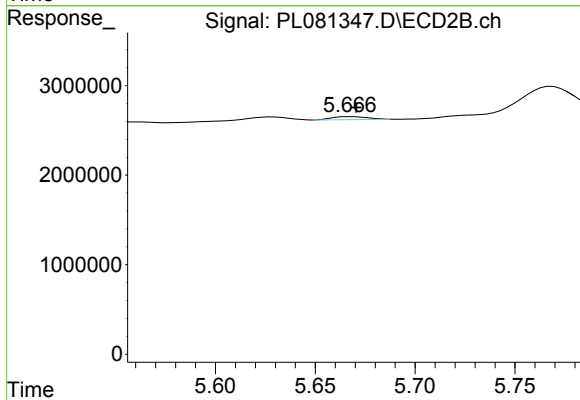
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 439060
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

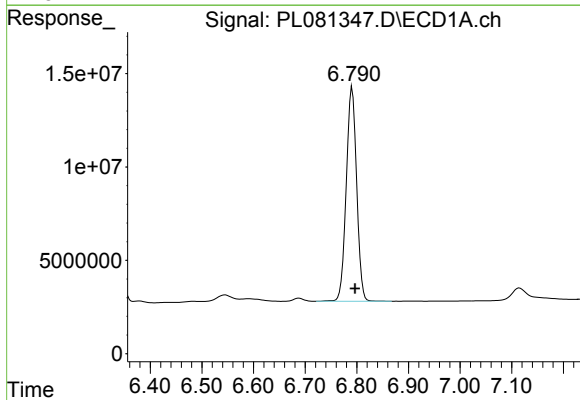
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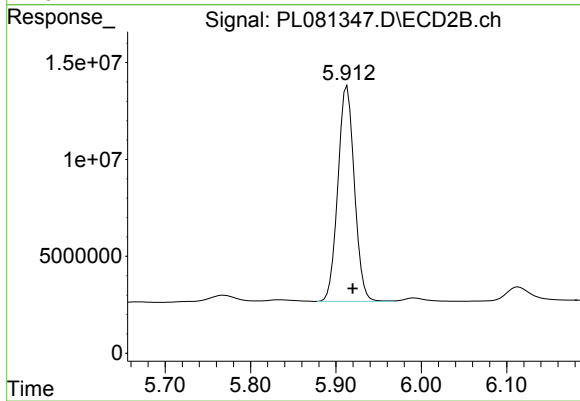
#16 4,4'-DDD

R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 421326
Conc: 0.27 ng/ml m



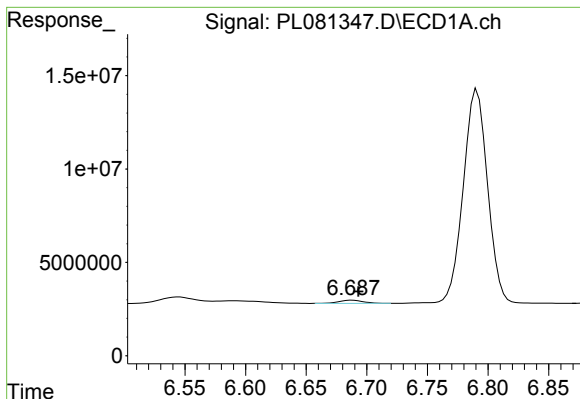
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 160522512
Conc: 101.13 ng/ml



#17 4,4'-DDT

R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 149119166
Conc: 92.95 ng/ml



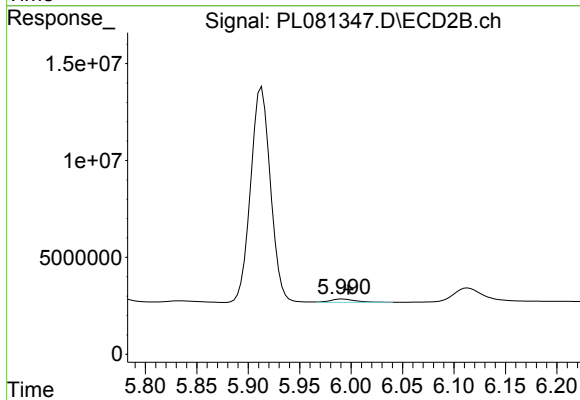
#18 Endrin aldehyde

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 2389937
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

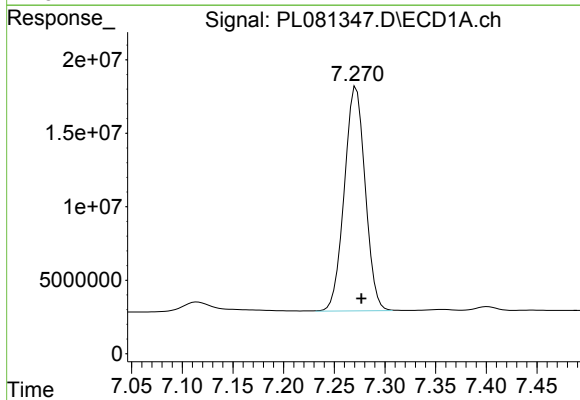
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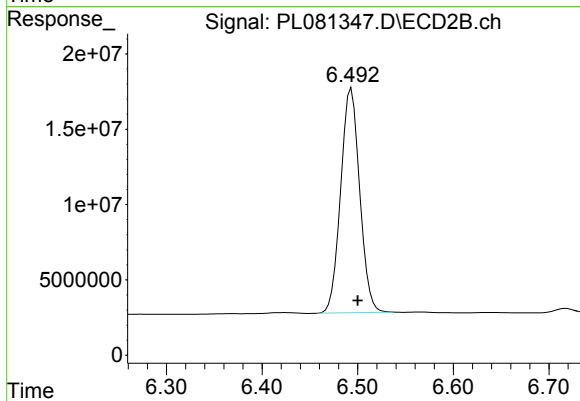
#18 Endrin aldehyde

R.T.: 5.992 min
Delta R.T.: -0.006 min
Response: 2892515
Conc: 1.91 ng/ml



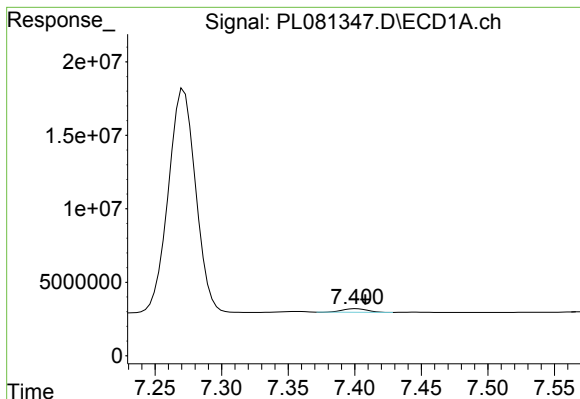
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 218337833
Conc: 253.48 ng/ml m



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 206262993
Conc: 222.24 ng/ml m



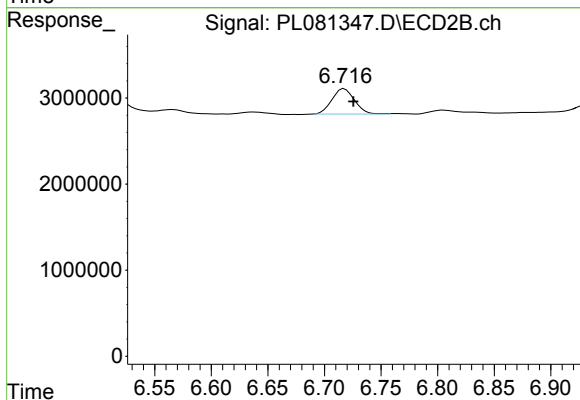
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 3145546
Conc: 1.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

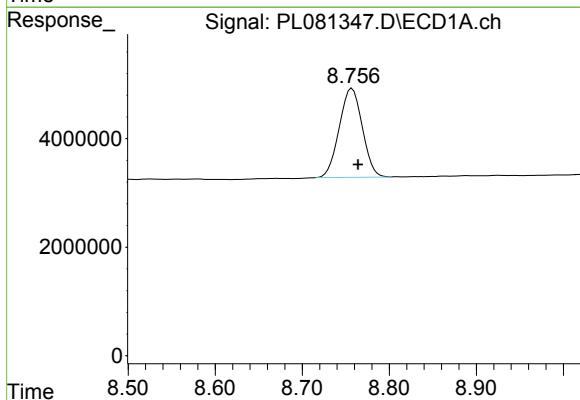
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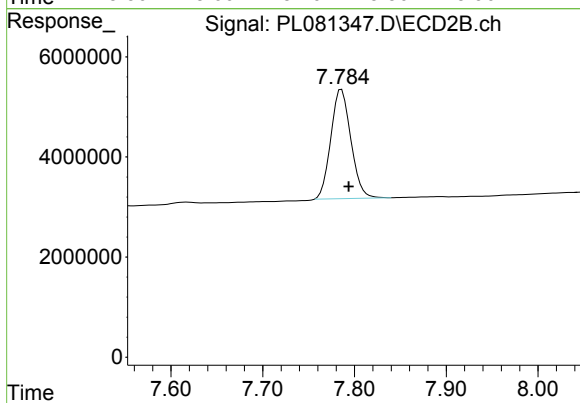
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 4102540
Conc: 1.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.007 min
Response: 30223446
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 33174389
Conc: 17.32 ng/ml