

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080522\
 Data File : PL076914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 10:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 22:24:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 01 16:34:20 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...	3.420	2.639	20228643	50405704	21.249	21.838
28)	SA Decachlor...	8.907	7.742	16896361	40039158	21.262	20.826
Target Compounds							
2)	A alpha-BHC	3.884	3.132	13284798	36018149	9.652	10.849
3)	MA gamma-BHC...	4.219	3.457	13052881	32814489	10.294	11.474
6)	B beta-BHC	4.430	3.755	6579170	15042578	12.450	12.348
12)	B 4,4'-DDE	6.078	5.069	188361	438423	0.200m	0.188
14)	MA Endrin	6.462	5.465	40677424	101.1E6	44.154	46.715
16)	A 4,4'-DDD	6.602	5.622	5454510	10595002	6.382	5.674
17)	MA 4,4'-DDT	6.914	5.871	81230135	194.7E6	96.487	104.228
18)	B Endrin al...	6.821	5.940	1783468	4497271	2.424	2.791
20)	A Methoxychlor	7.395	6.449	108.7E6	239.8E6	225.692	234.940
21)	B Endrin ke...	7.541	6.662	4293699	10068228	4.607	4.825

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

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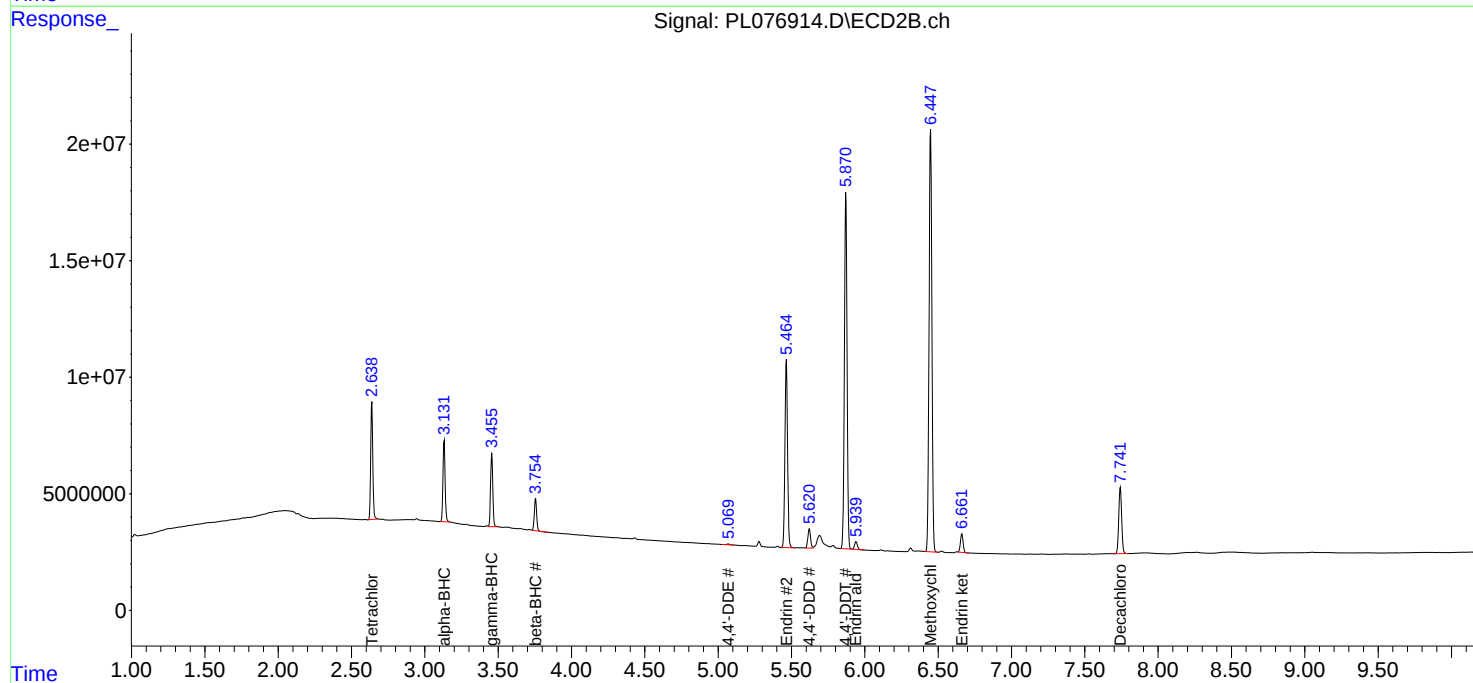
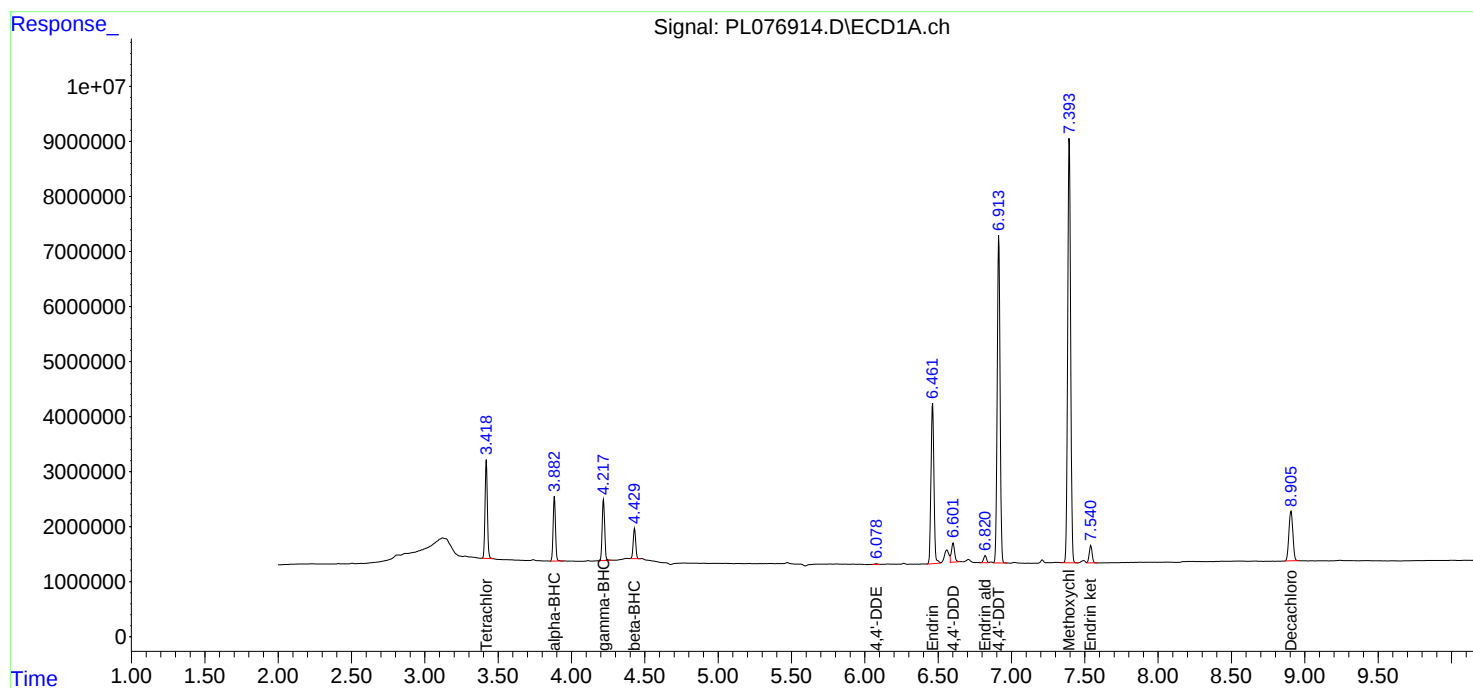
Instrument :
ECD_L
ClientSampleId :
PEM

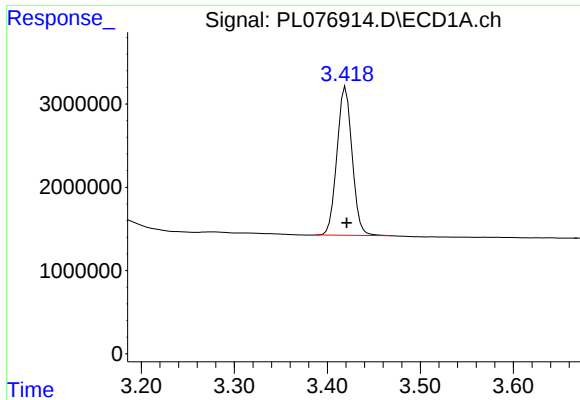
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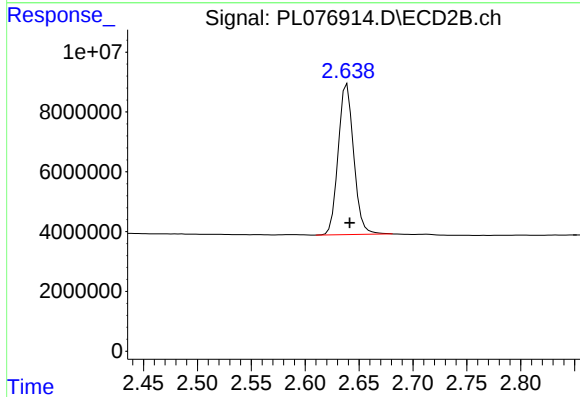
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: -0.001 min
Response: 20228643
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

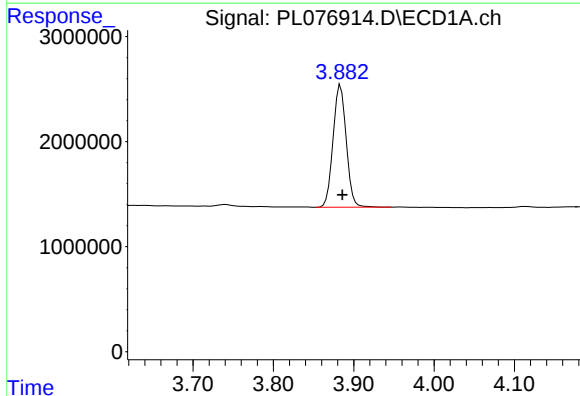
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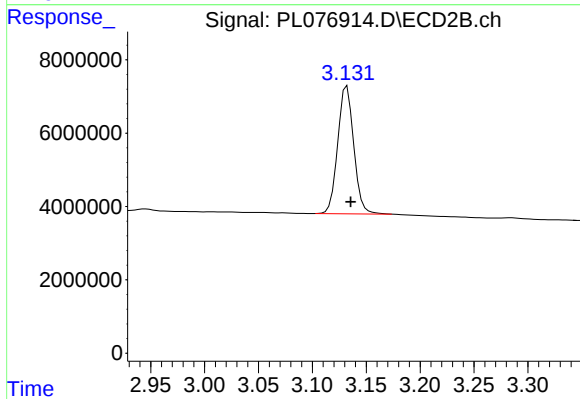
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: -0.003 min
Response: 50405704
Conc: 21.84 ng/ml



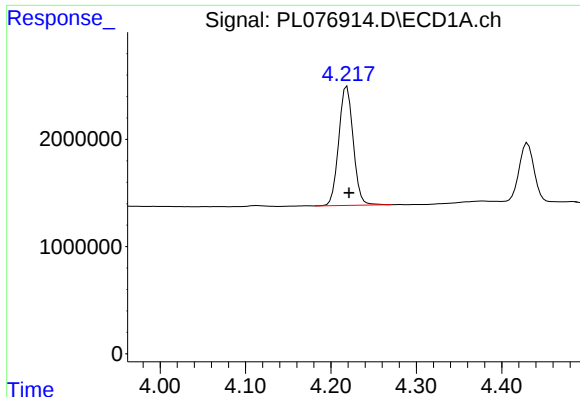
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 13284798
Conc: 9.65 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 36018149
Conc: 10.85 ng/ml



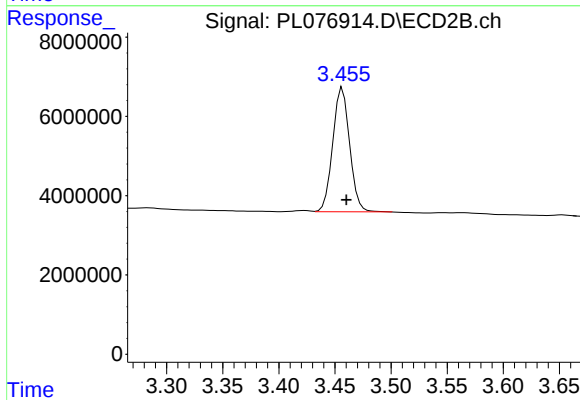
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 13052881
Conc: 10.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

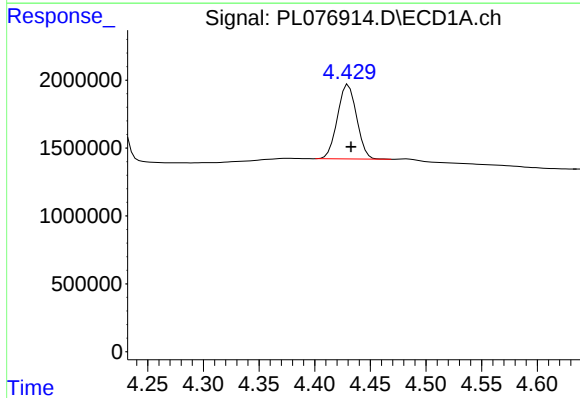
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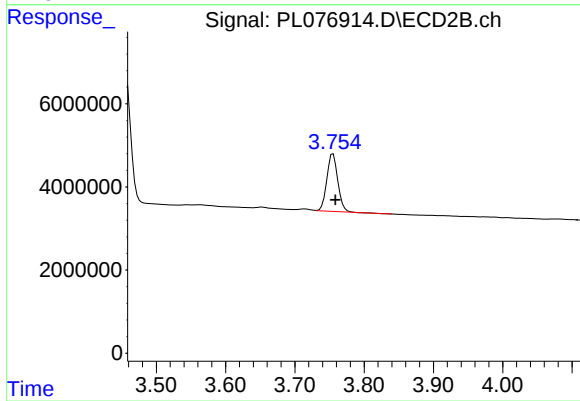
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 32814489
Conc: 11.47 ng/ml



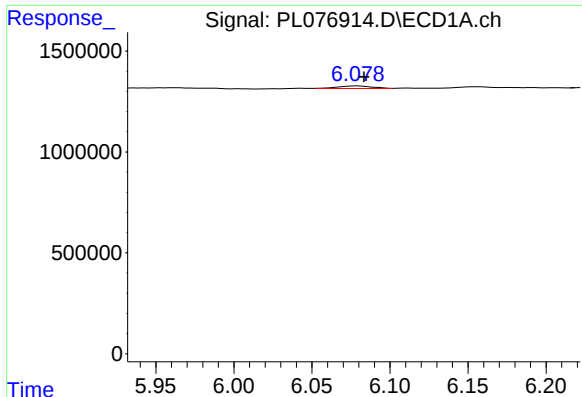
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 6579170
Conc: 12.45 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.003 min
Response: 15042578
Conc: 12.35 ng/ml



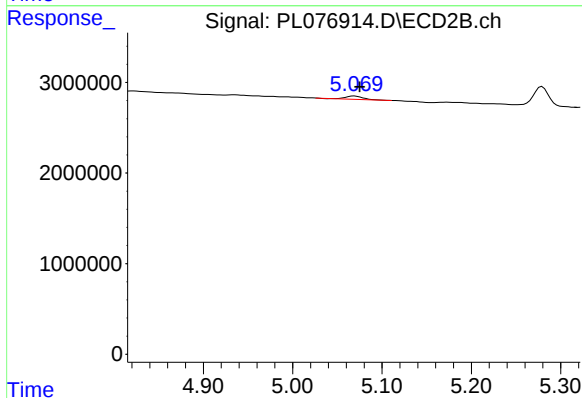
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: -0.006 min
Response: 188361
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

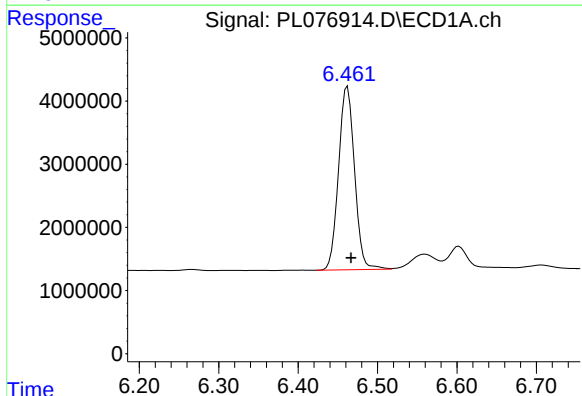
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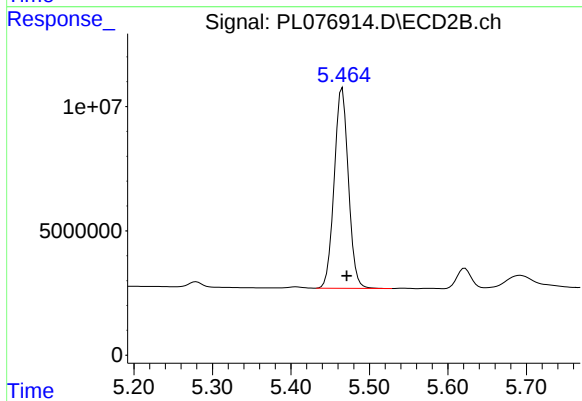
#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.006 min
Response: 438423
Conc: 0.19 ng/ml



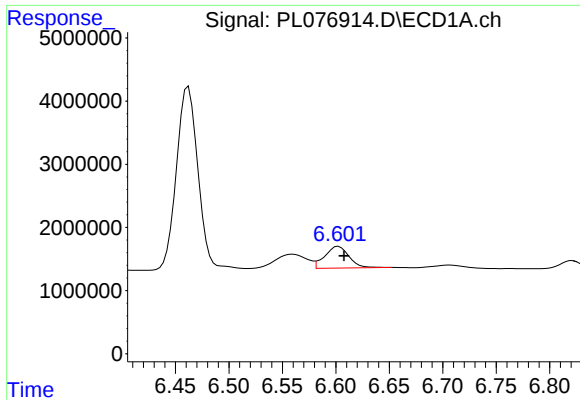
#14 Endrin

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 40677424
Conc: 44.15 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.006 min
Response: 101117413
Conc: 46.71 ng/ml



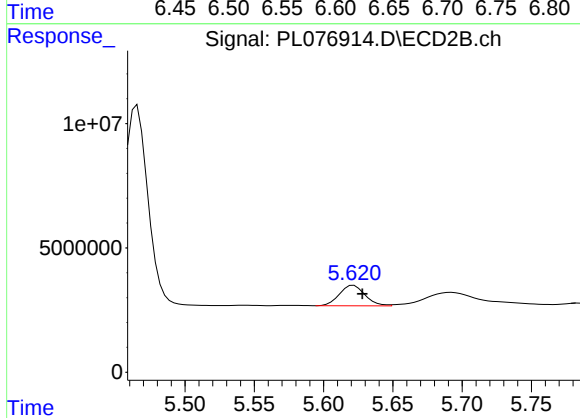
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 5454510
Conc: 6.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

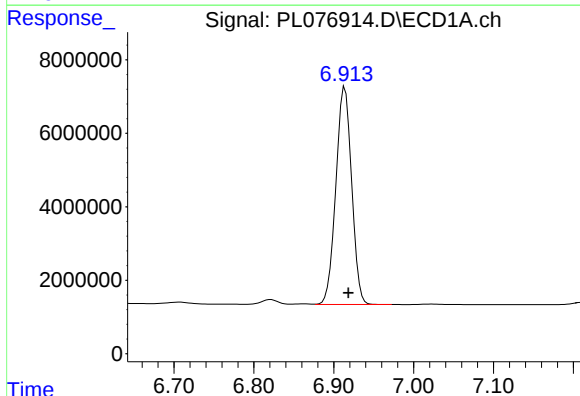
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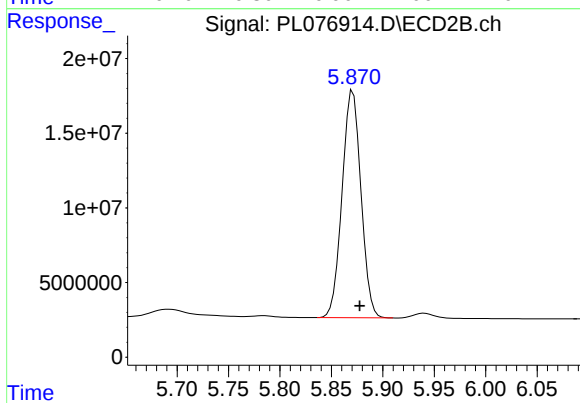
#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.006 min
Response: 10595002
Conc: 5.67 ng/ml



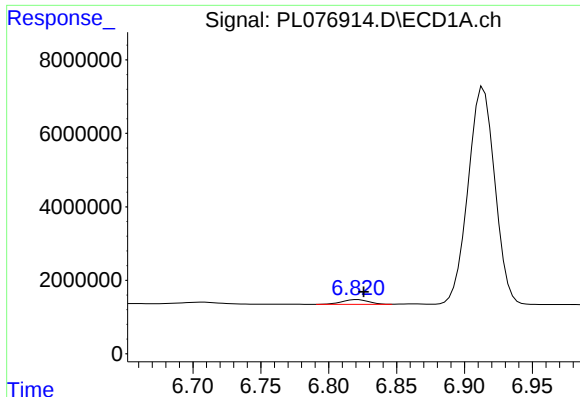
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 81230135
Conc: 96.49 ng/ml



#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.006 min
Response: 194679851
Conc: 104.23 ng/ml



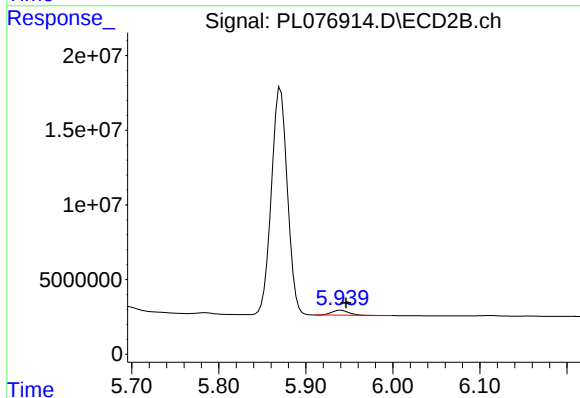
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 1783468
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

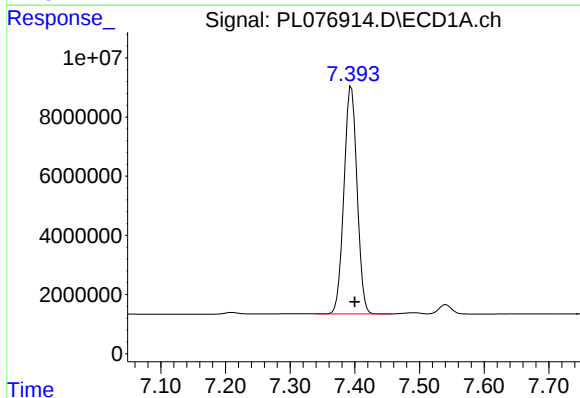
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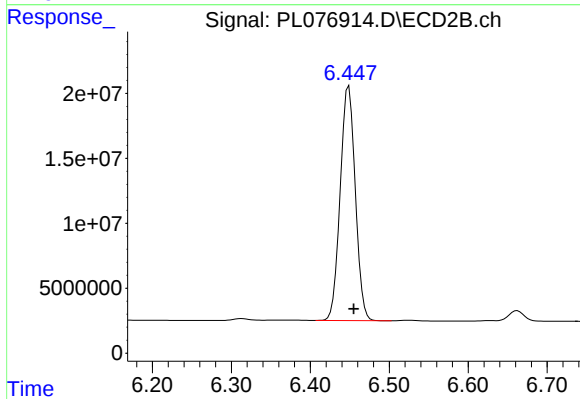
#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: -0.006 min
Response: 4497271
Conc: 2.79 ng/ml



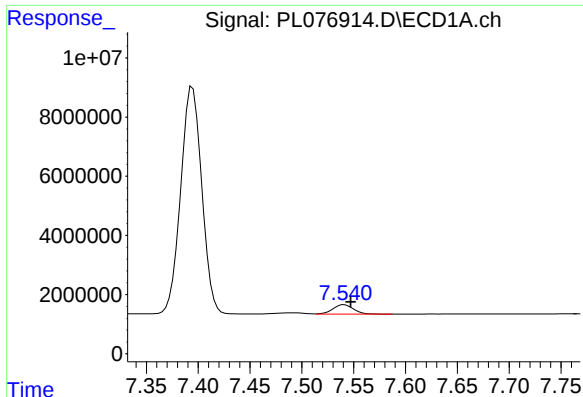
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 108729190
Conc: 225.69 ng/ml



#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.006 min
Response: 239827858
Conc: 234.94 ng/ml



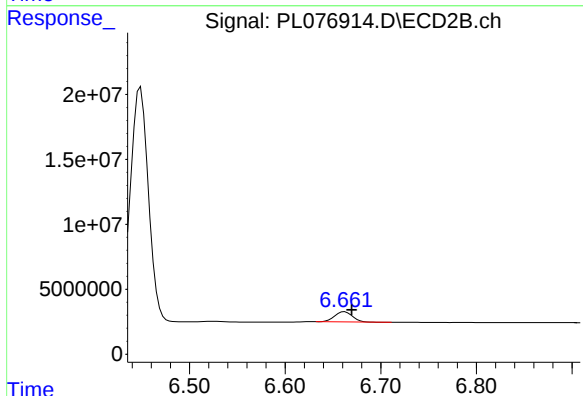
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 4293699
Conc: 4.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

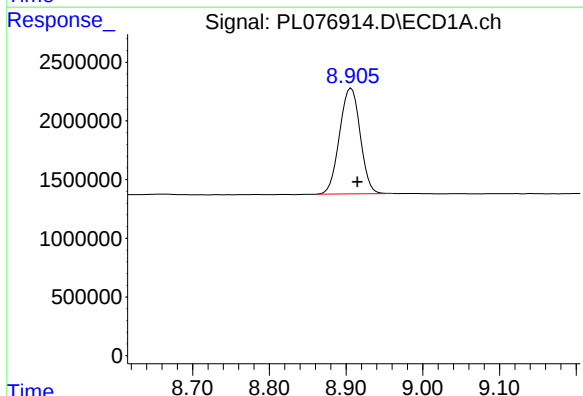
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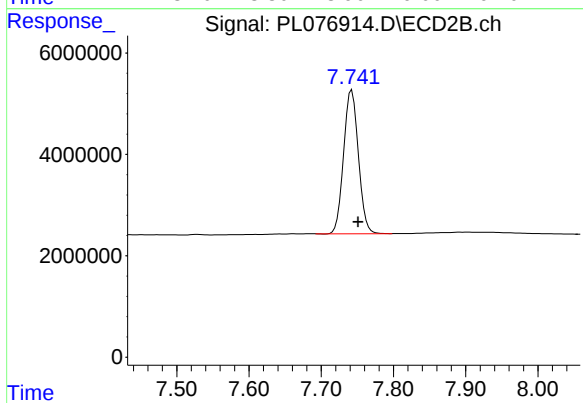
#21 Endrin ketone

R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 10068228
Conc: 4.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: -0.008 min
Response: 16896361
Conc: 21.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 40039158
Conc: 20.83 ng/ml