

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072622\
 Data File : PL076603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2022 22:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/26/2022
 Supervised By : Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 07:32:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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	2.641	17996379	51417519	17.438	17.334
28)	SA Decachlor...	8.907	7.748	16372917	46097227	18.565	17.959
Target Compounds							
2)	A alpha-BHC	3.884	3.135	12209448	37373472	8.466	8.951
3)	MA gamma-BHC...	4.220	3.459	12129559	33871555	8.983	8.887
6)	B beta-BHC	4.431	3.756	6025203	15609505	10.097	9.206m
14)	MA Endrin	6.464	5.470	41281330	109.8E6	42.975	43.735
16)	A 4,4'-DDD	6.603	5.627	257083	820950	0.308m	0.347
17)	MA 4,4'-DDT	6.915	5.876	84233874	221.7E6	92.693	92.267
18)	B Endrin al...	6.822	5.945	744770	2828147	1.022	1.501m#
20)	A Methoxychlor	7.396	6.454	115.6E6	299.3E6	228.546	228.811
21)	B Endrin ke...	7.542	6.665	1794753	4752636	1.755m	1.751m

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

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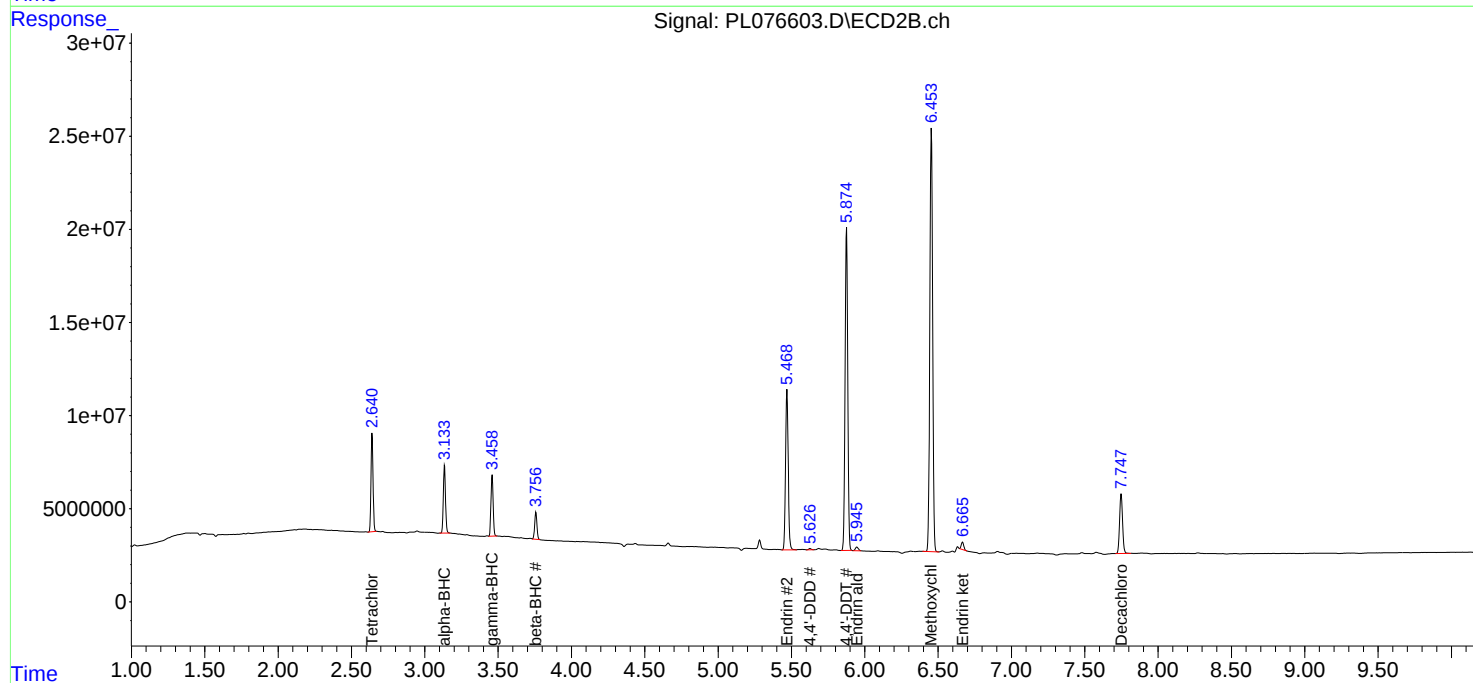
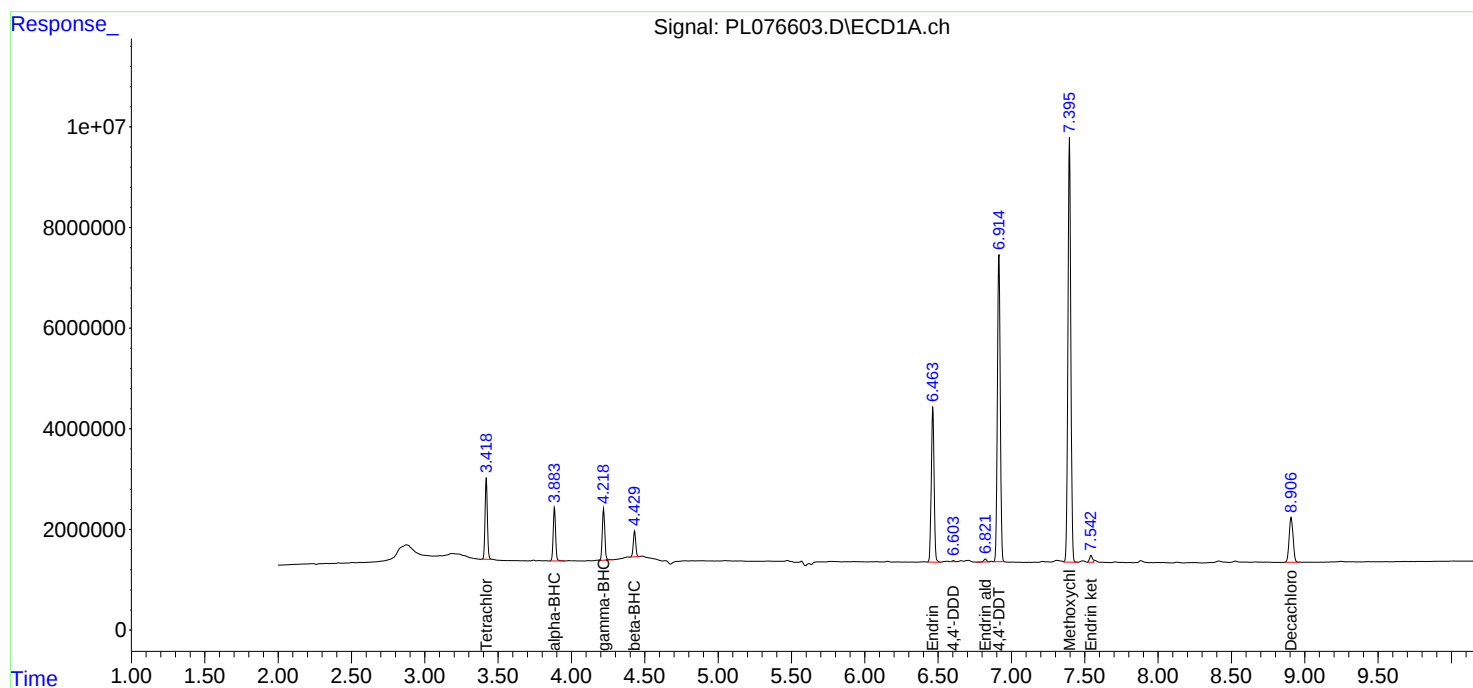
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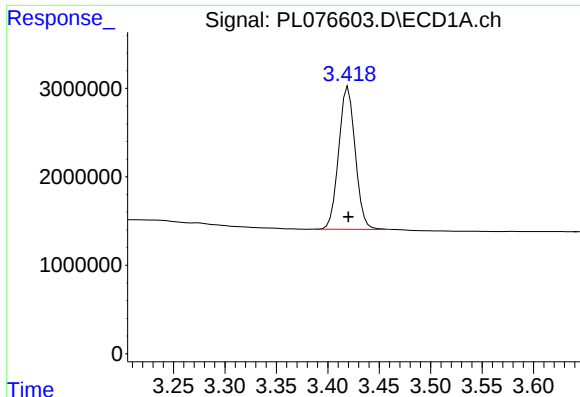
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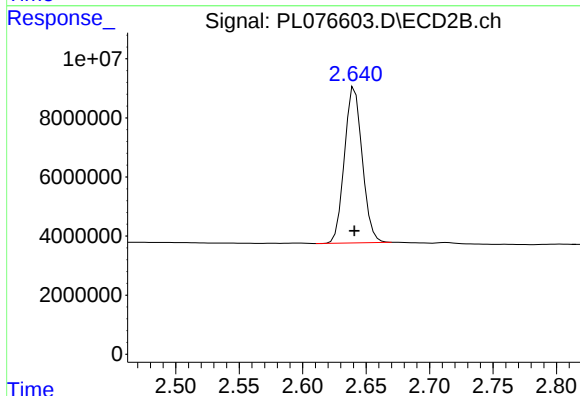
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 17996379
Conc: 17.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

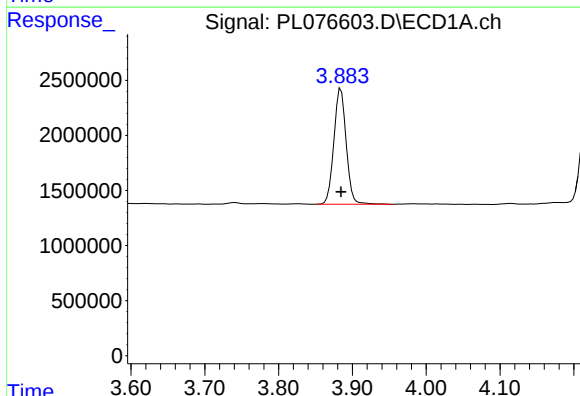
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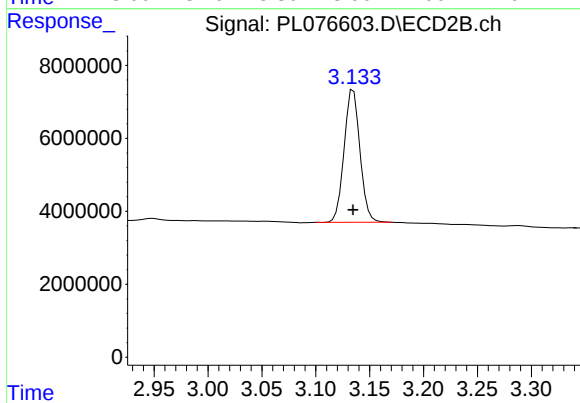
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 51417519
Conc: 17.33 ng/ml



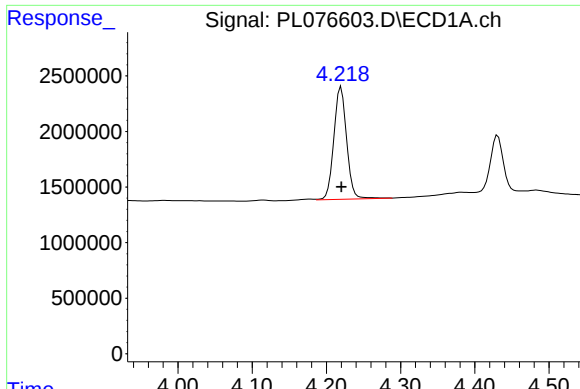
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 12209448
Conc: 8.47 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 37373472
Conc: 8.95 ng/ml



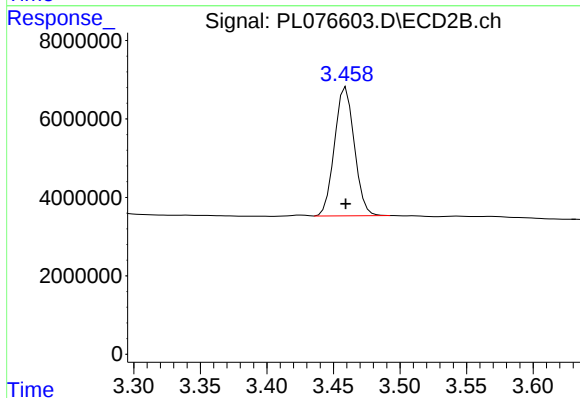
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 12129559
Conc: 8.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

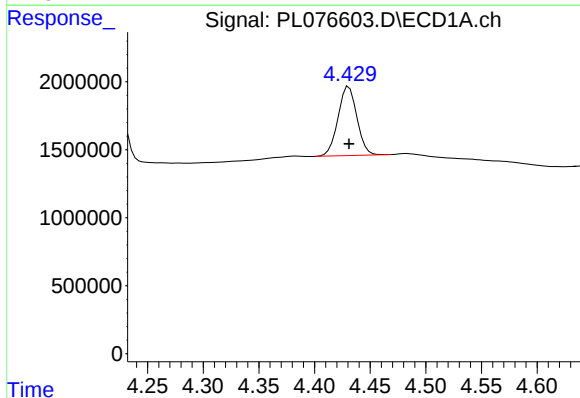
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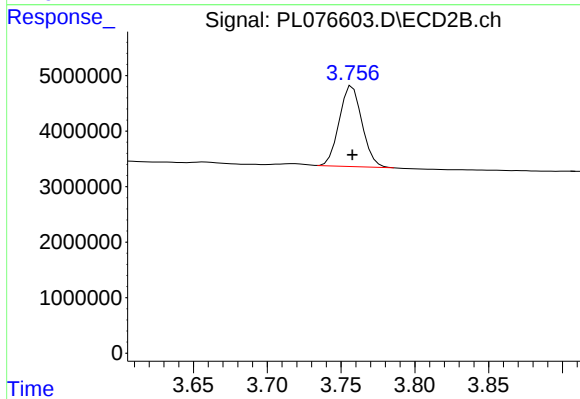
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 33871555
Conc: 8.89 ng/ml



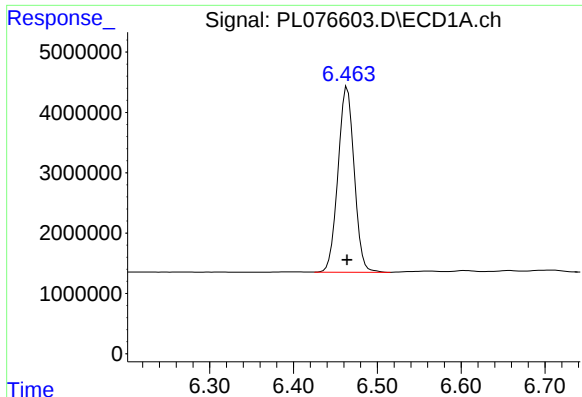
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 6025203
Conc: 10.10 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.001 min
Response: 15609505
Conc: 9.21 ng/ml m



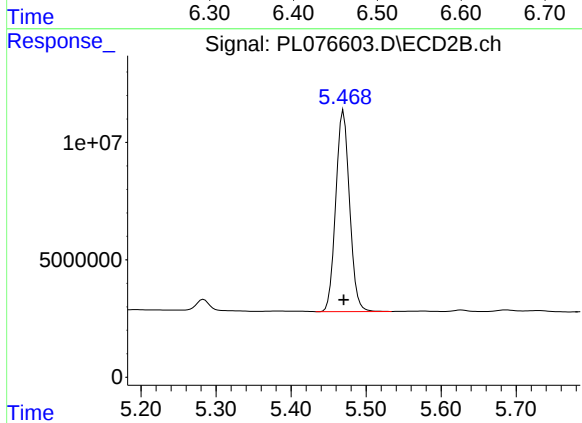
#14 Endrin

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 41281330
Conc: 42.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

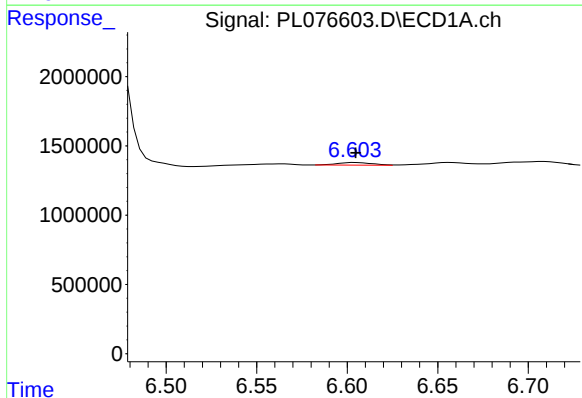
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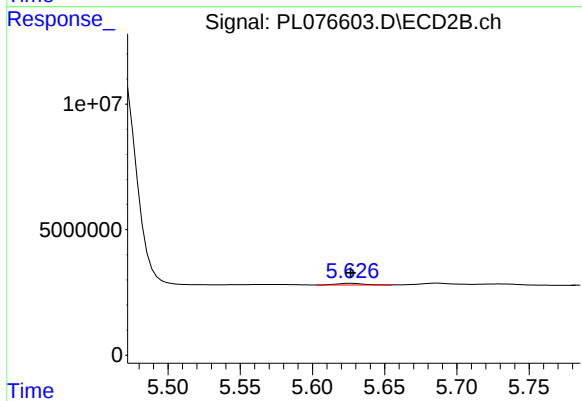
#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 109796049
Conc: 43.74 ng/ml



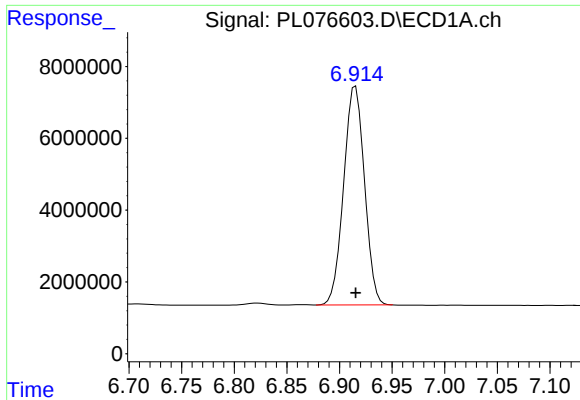
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: -0.002 min
Response: 257083
Conc: 0.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 820950
Conc: 0.35 ng/ml



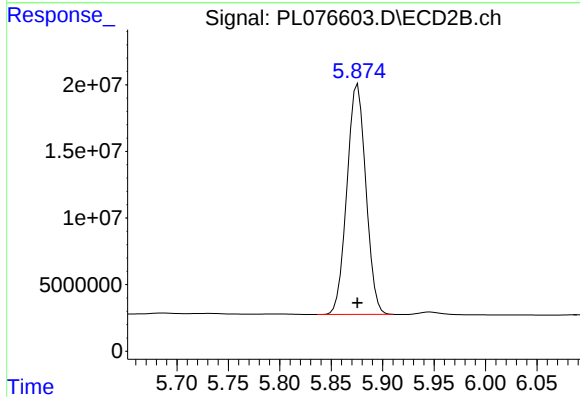
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 84233874
Conc: 92.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

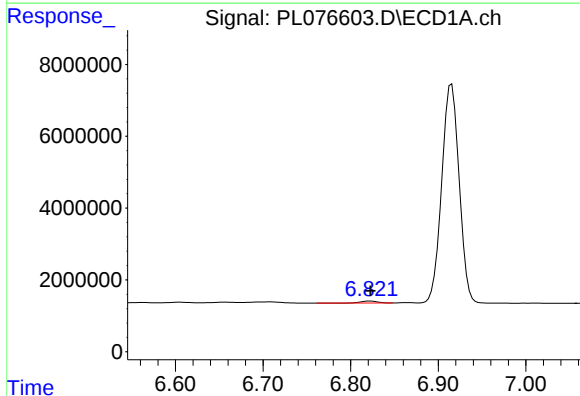
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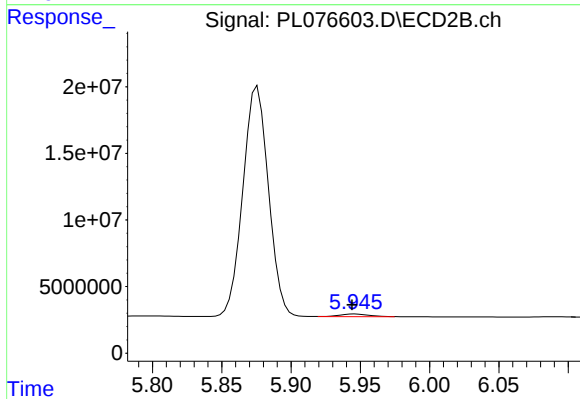
#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 221680016
Conc: 92.27 ng/ml



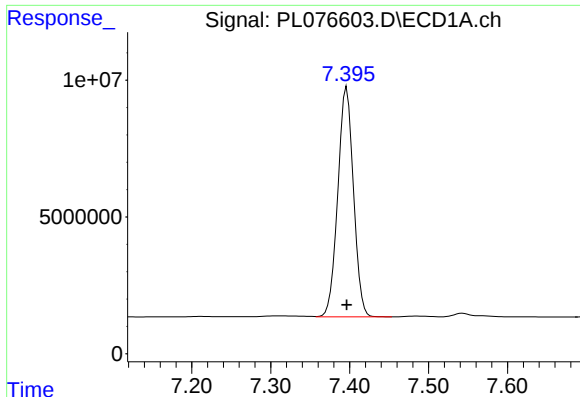
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 744770
Conc: 1.02 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 2828147
Conc: 1.50 ng/ml m



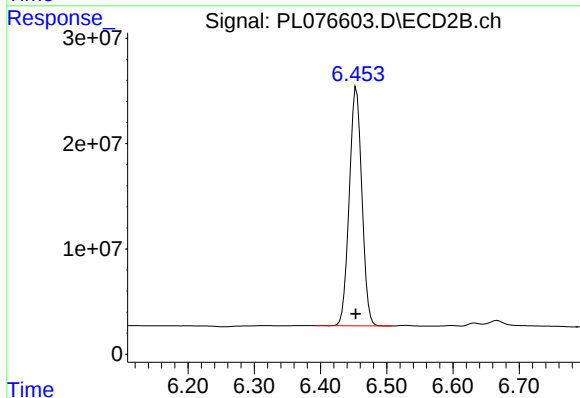
#20 Methoxychlor

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 115649524
Conc: 228.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

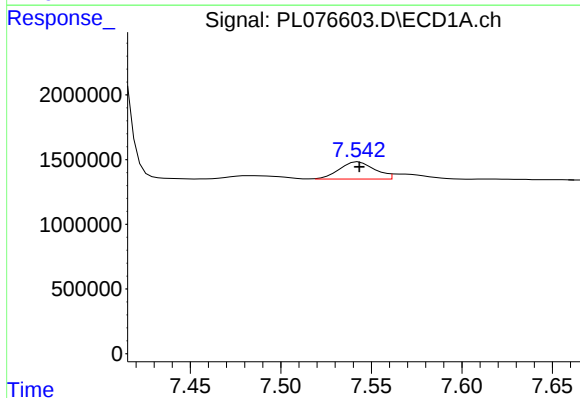
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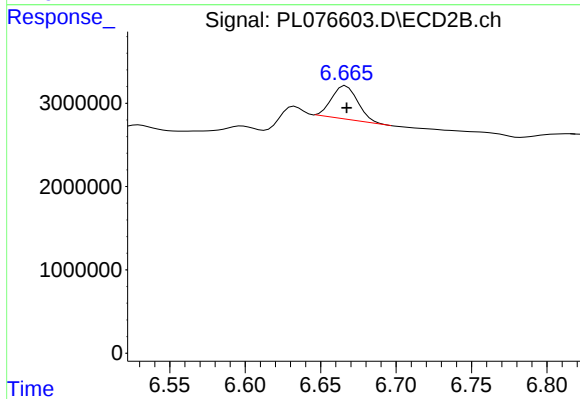
#20 Methoxychlor

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 299262754
Conc: 228.81 ng/ml



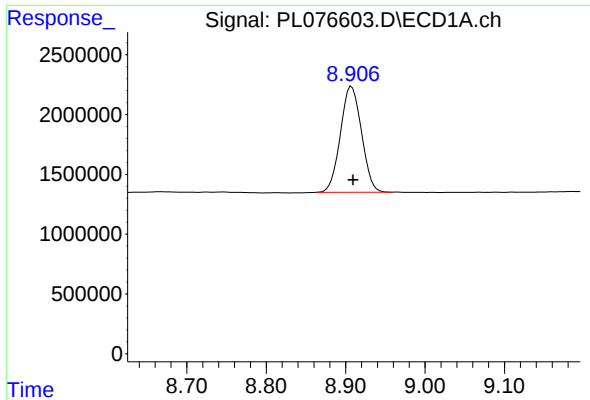
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 1794753
Conc: 1.76 ng/ml m



#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 4752636
Conc: 1.75 ng/ml m



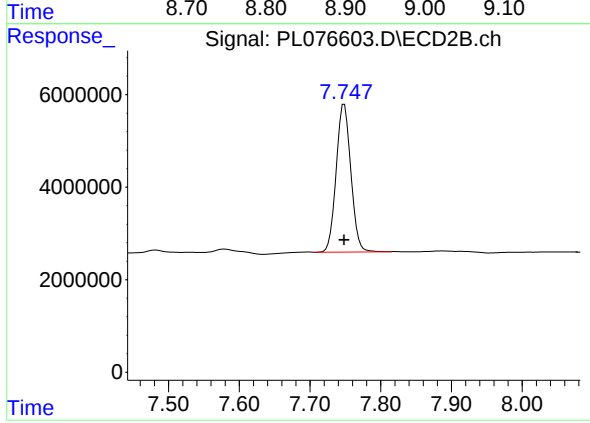
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: -0.002 min
Response: 16372917
Conc: 18.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 46097227
Conc: 17.96 ng/ml