

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073022\
 Data File : PL076756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2022 08:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/01/2022
 Supervised By :mohammad ahmed 08/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:45:53 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...	3.424	2.644	23091854	58031368	22.375	19.564
28)	SA Decachlor...	8.919	7.754	19269672	47307626	21.849	18.431
Target Compounds							
2)	A alpha-BHC	3.888	3.138	16061845	41960518	11.137	10.050
3)	MA gamma-BHC...	4.224	3.463	15566476	38291519	11.529	10.047
6)	B beta-BHC	4.435	3.761	7532935	17417210	12.624	10.272
14)	MA Endrin	6.470	5.474	54211475	119.9E6	56.436	47.754
16)	A 4,4'-DDD	6.609	5.630	5053000	12618882	6.061m	5.327
17)	MA 4,4'-DDT	6.921	5.880	94896620	224.4E6	104.427	93.409
18)	B Endrin al...	6.827	5.948	1751674	4072522	2.403m	2.162m
20)	A Methoxychlor	7.402	6.458	130.6E6	283.1E6	258.094	216.477
21)	B Endrin ke...	7.549	6.670	4588839	8378110	4.487m	3.087m#

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

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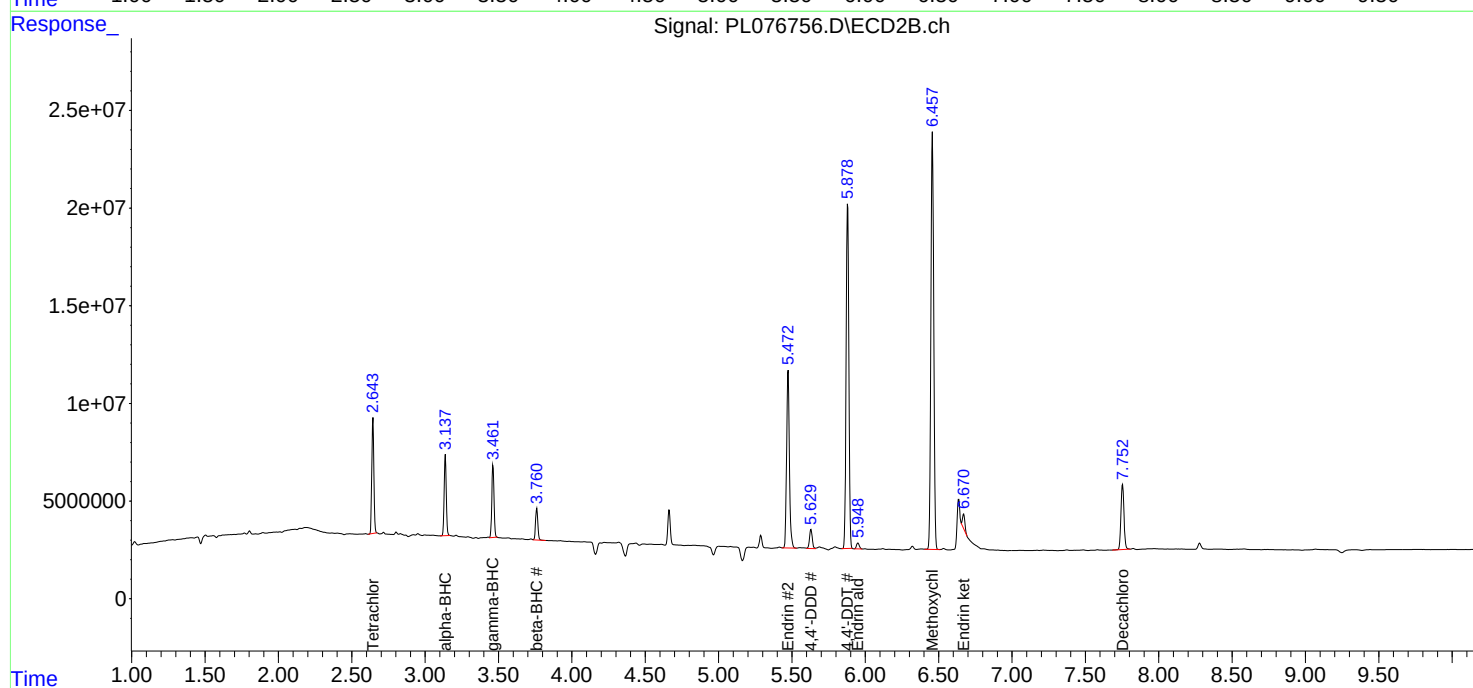
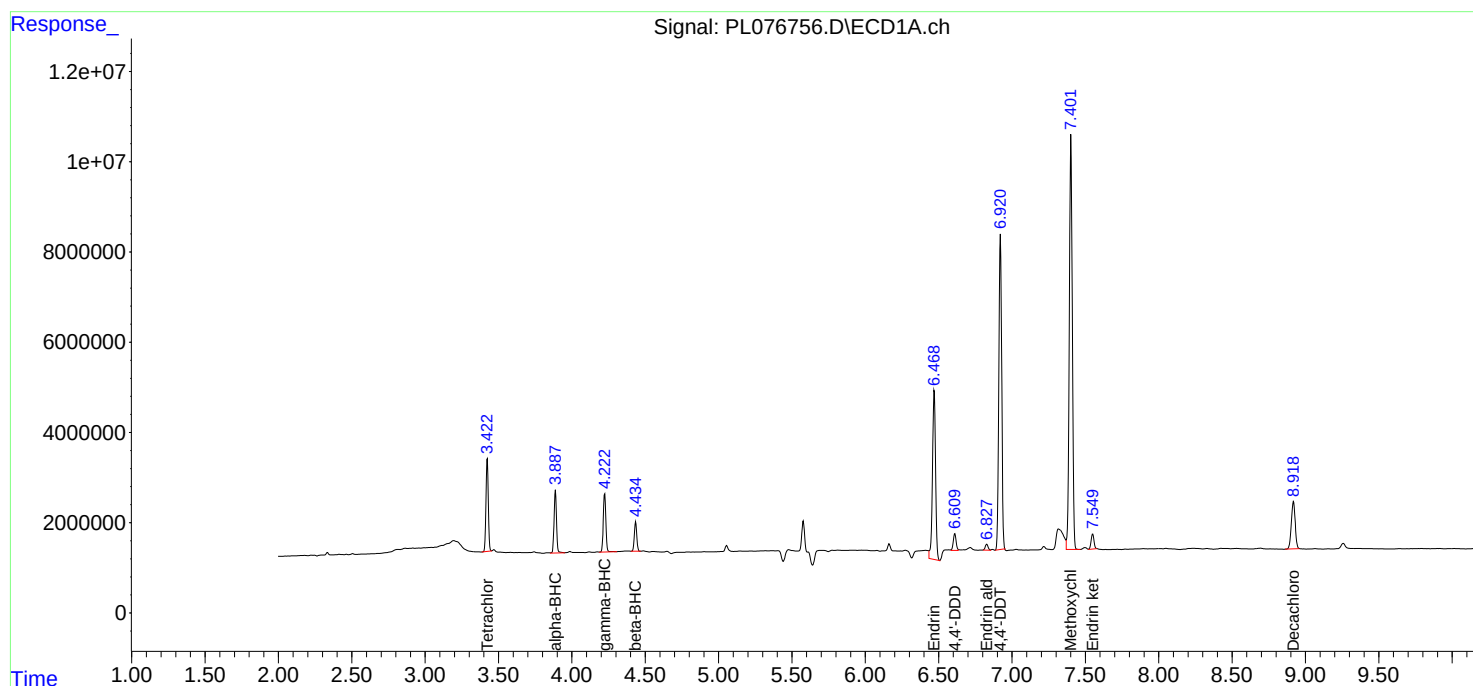
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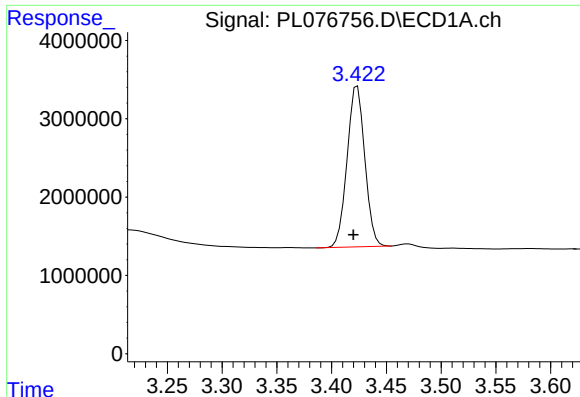
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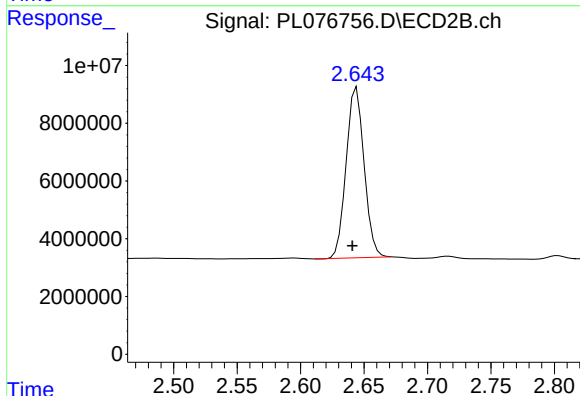
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.004 min
Response: 23091854
Conc: 22.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

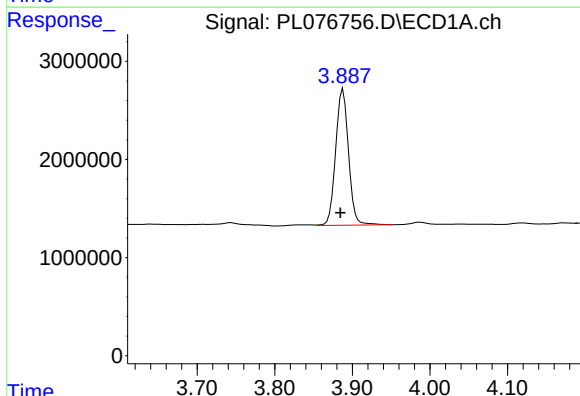
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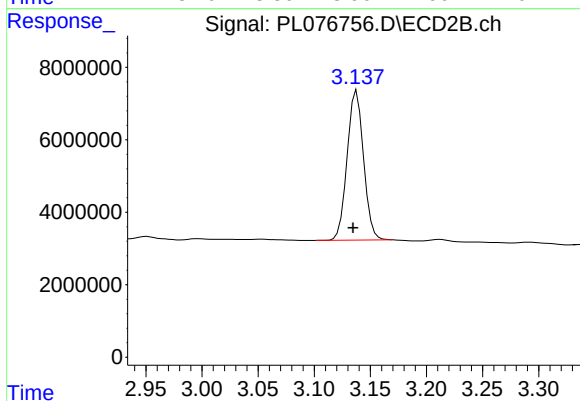
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: 0.003 min
Response: 58031368
Conc: 19.56 ng/ml



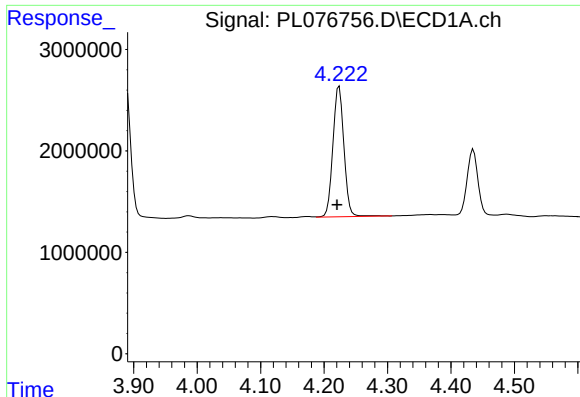
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.003 min
Response: 16061845
Conc: 11.14 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: 0.003 min
Response: 41960518
Conc: 10.05 ng/ml



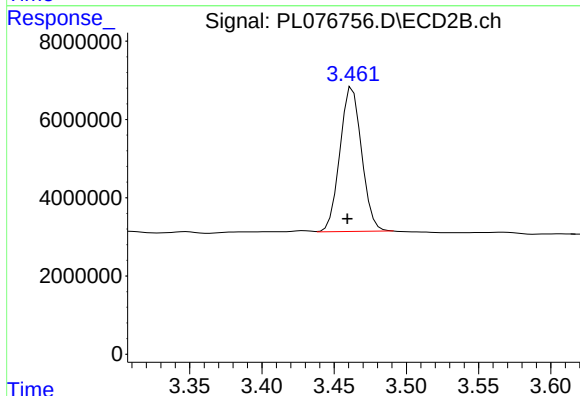
#3 gamma-BHC (Lindane)

R.T.: 4.224 min
Delta R.T.: 0.004 min
Response: 15566476
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

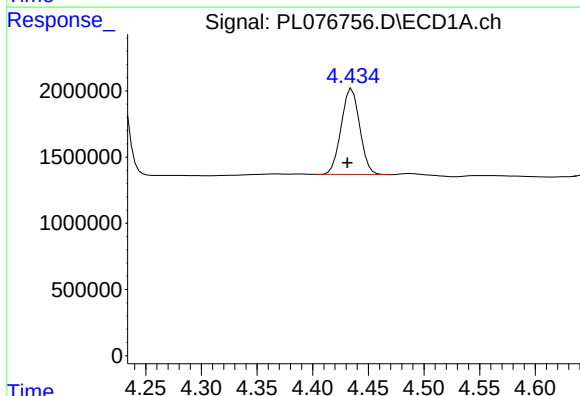
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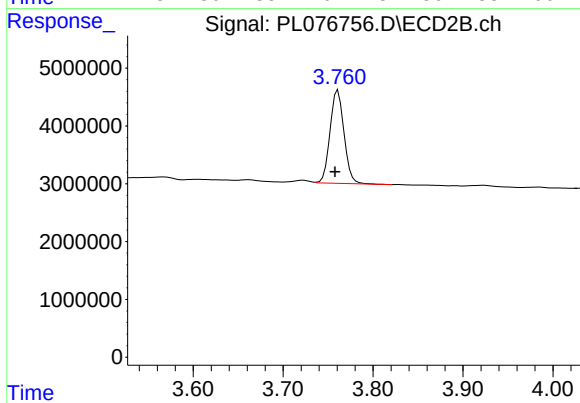
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: 0.004 min
Response: 38291519
Conc: 10.05 ng/ml



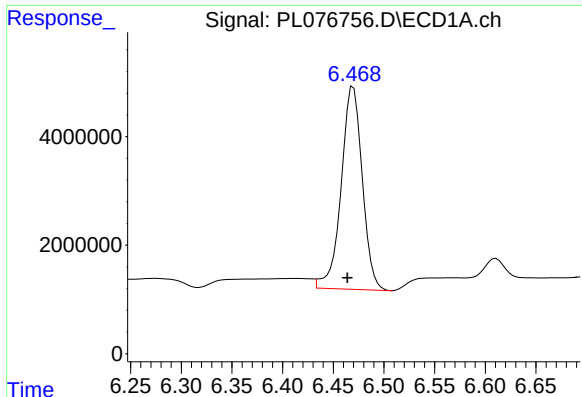
#6 beta-BHC

R.T.: 4.435 min
Delta R.T.: 0.004 min
Response: 7532935
Conc: 12.62 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: 0.003 min
Response: 17417210
Conc: 10.27 ng/ml



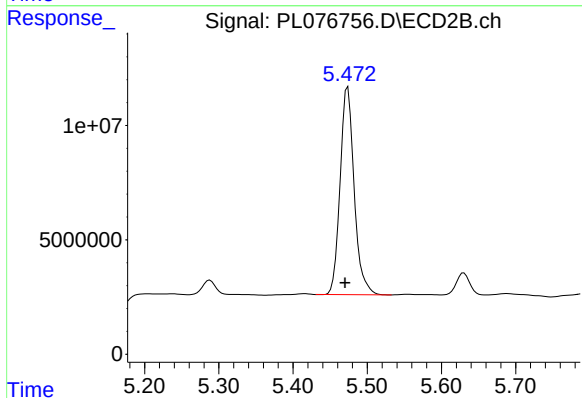
#14 Endrin

R.T.: 6.470 min
Delta R.T.: 0.006 min
Response: 54211475
Conc: 56.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

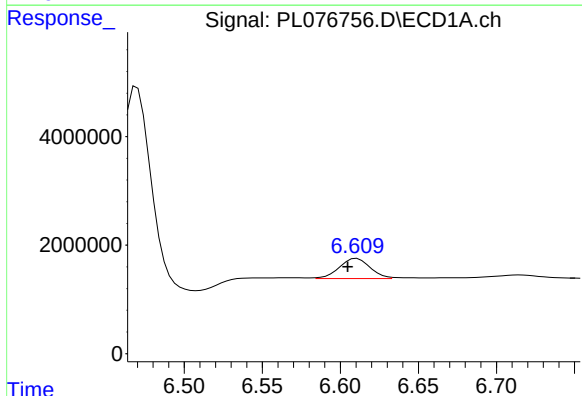
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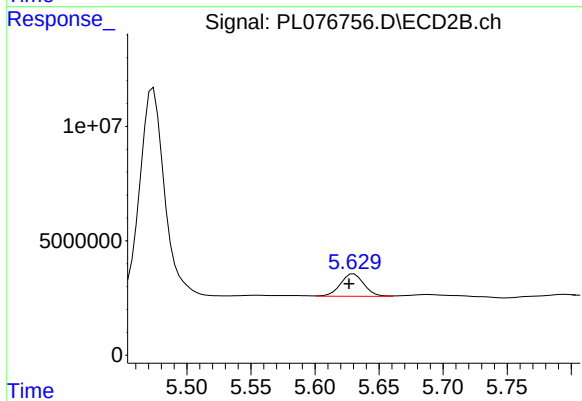
#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.004 min
Response: 119884914
Conc: 47.75 ng/ml



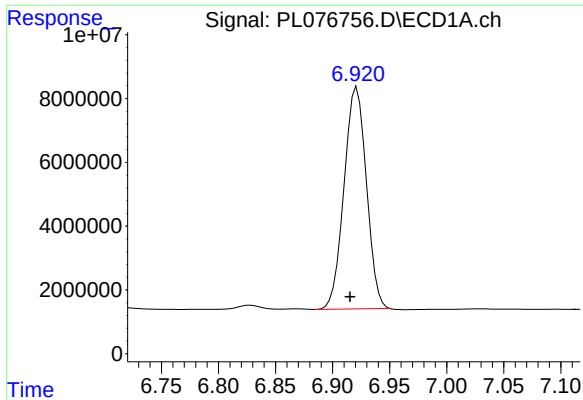
#16 4,4'-DDD

R.T.: 6.609 min
Delta R.T.: 0.004 min
Response: 5053000
Conc: 6.06 ng/ml m



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 12618882
Conc: 5.33 ng/ml



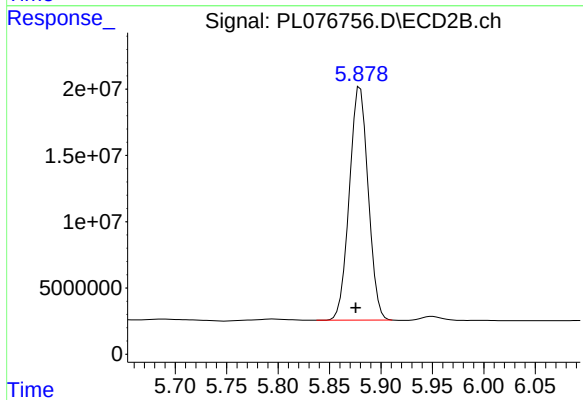
#17 4,4'-DDT

R.T.: 6.921 min
Delta R.T.: 0.006 min
Response: 94896620
Conc: 104.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

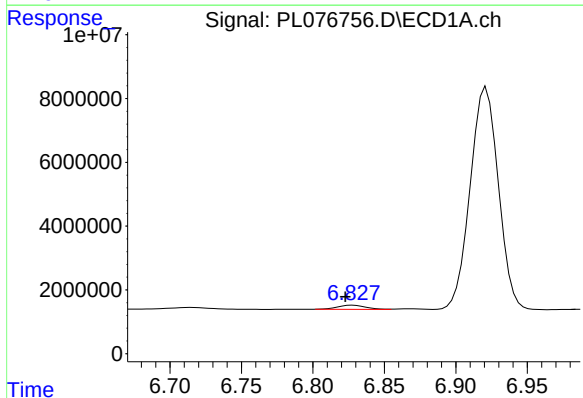
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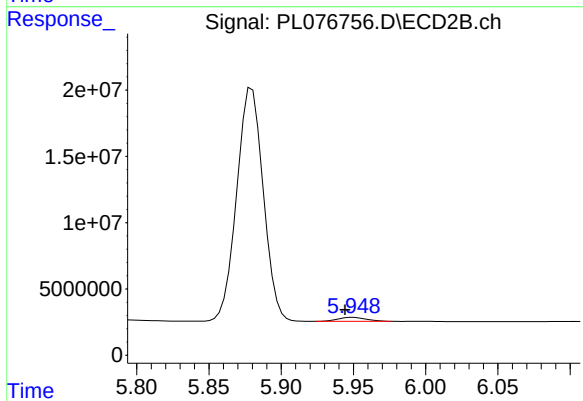
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: 0.005 min
Response: 224423535
Conc: 93.41 ng/ml



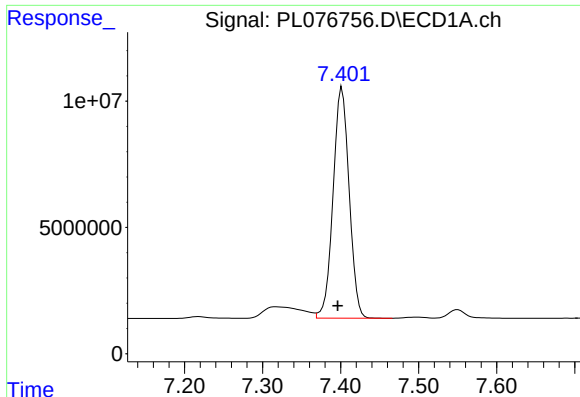
#18 Endrin aldehyde

R.T.: 6.827 min
Delta R.T.: 0.004 min
Response: 1751674
Conc: 2.40 ng/ml m



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 4072522
Conc: 2.16 ng/ml m



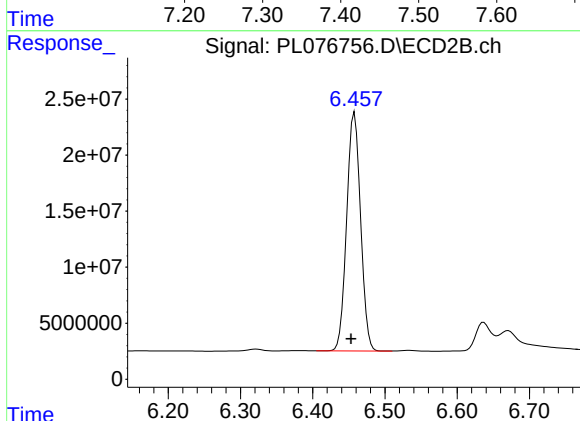
#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: 0.006 min
Response: 130601180
Conc: 258.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

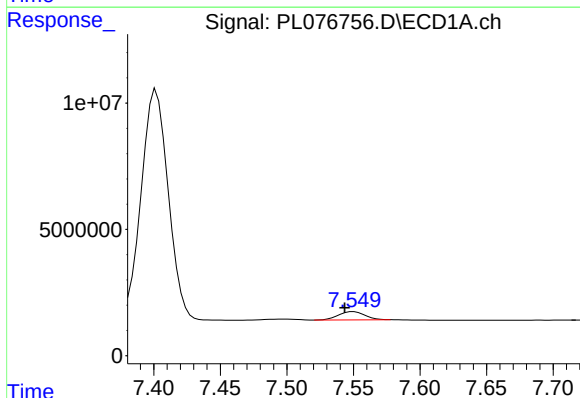
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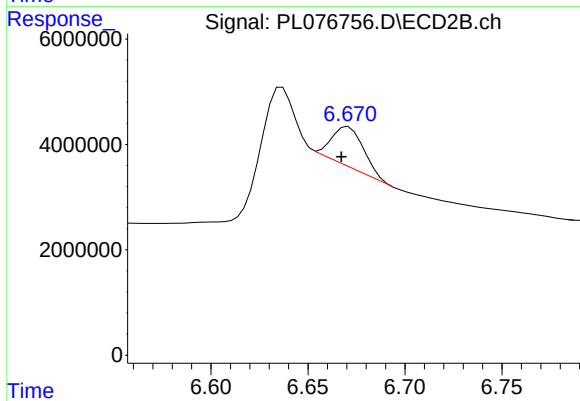
#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.005 min
Response: 283131394
Conc: 216.48 ng/ml



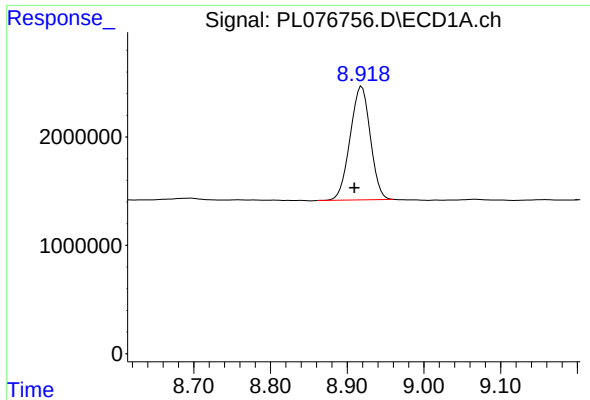
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.005 min
Response: 4588839
Conc: 4.49 ng/ml m



#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 8378110
Conc: 3.09 ng/ml m



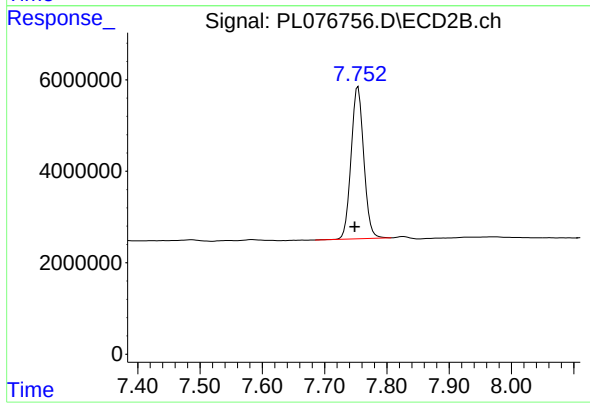
#28 Decachlorobiphenyl

R.T.: 8.919 min
Delta R.T.: 0.010 min
Response: 19269672
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: 0.006 min
Response: 47307626
Conc: 18.43 ng/ml