

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072822\
 Data File : PL076719.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2022 19:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/28/2022
 Supervised By : Ankita Jodhani 07/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 00:19:15 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...	3.421	2.642	19612391	53665439	19.004	18.092
28)	SA Decachlor...	8.909	7.748	17327333	45112877	19.647	17.576
Target Compounds							
2)	A alpha-BHC	3.885	3.135	13468152	38895328	9.339	9.316
3)	MA gamma-BHC...	4.220	3.460	13120239	35443639	9.717	9.299
6)	B beta-BHC	4.431	3.758	6388896	16207892	10.706	9.558
14)	MA Endrin	6.465	5.470	47472304	117.0E6	49.420	46.586
16)	A 4,4'-DDD	6.603	5.626	3199401	9559079	3.838m	4.035
17)	MA 4,4'-DDT	6.916	5.875	84709213	220.7E6	93.216	91.846
18)	B Endrin al...	6.823	5.945	1409057	3305346	1.933	1.754
20)	A Methoxychlor	7.396	6.453	117.1E6	282.0E6	231.393	215.625
21)	B Endrin ke...	7.543	6.665	3067593	6635368	3.000m	2.445m

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

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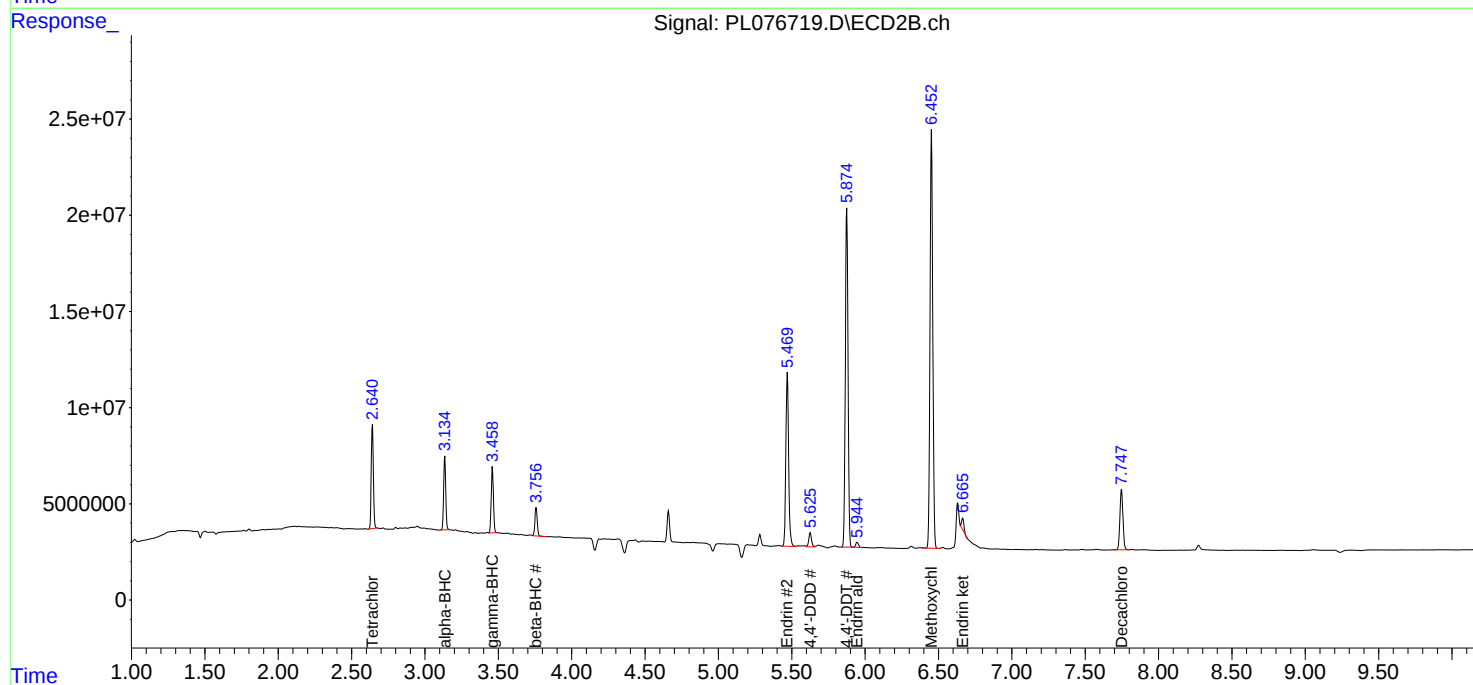
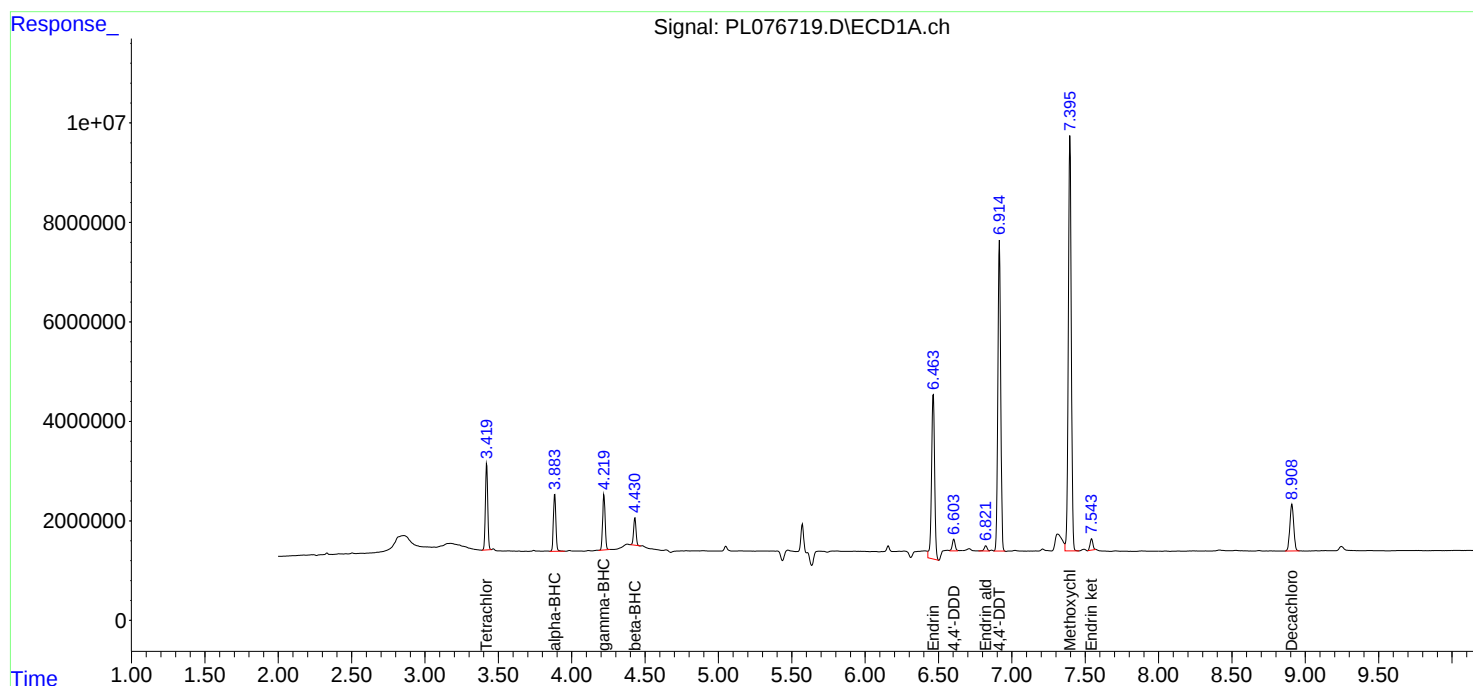
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PEM

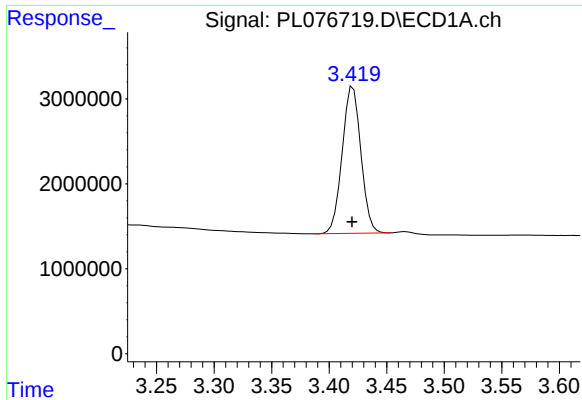
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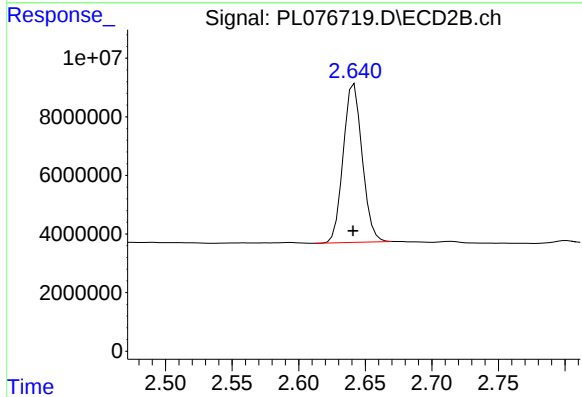
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 19612391
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

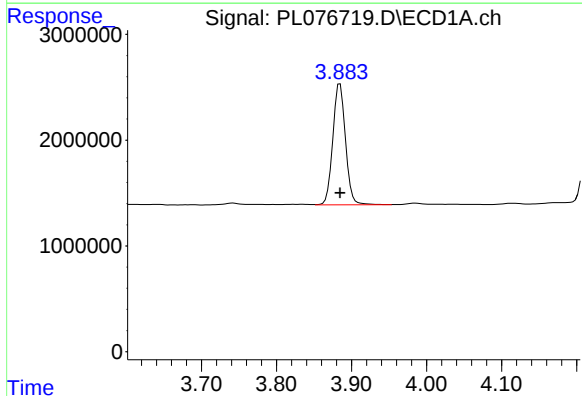
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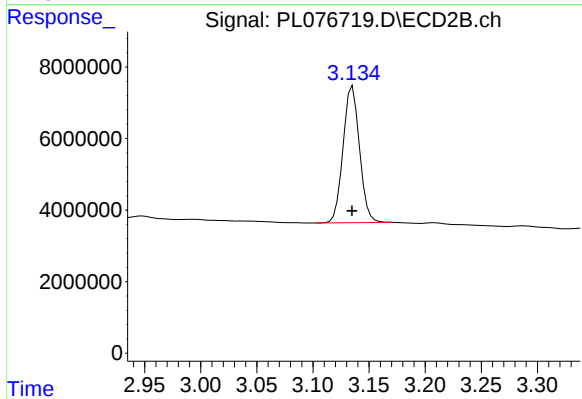
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: 0.001 min
Response: 53665439
Conc: 18.09 ng/ml



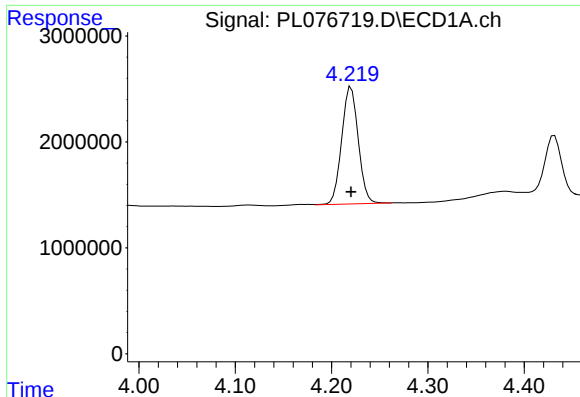
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 13468152
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 38895328
Conc: 9.32 ng/ml



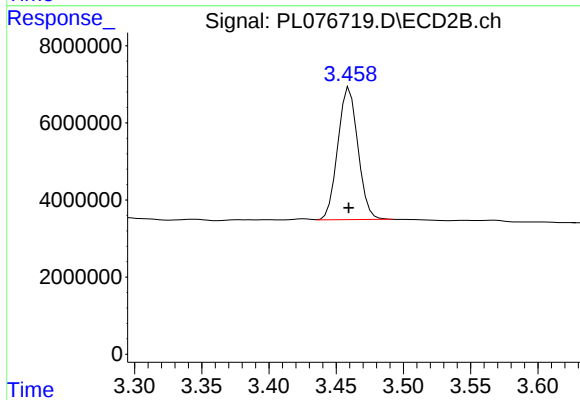
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 13120239
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

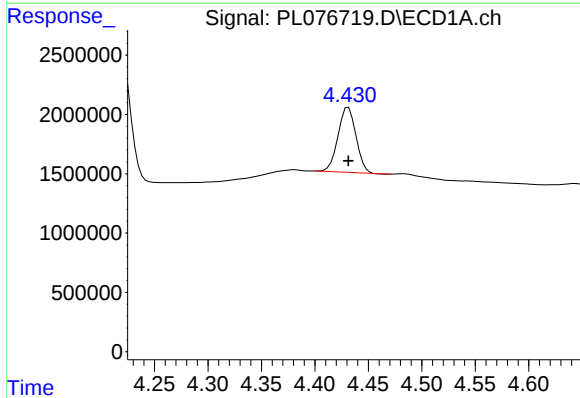
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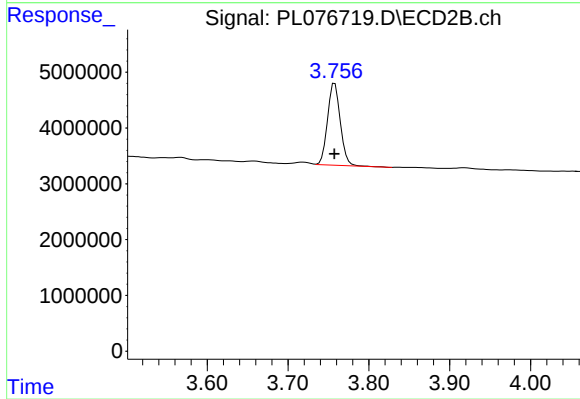
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 35443639
Conc: 9.30 ng/ml



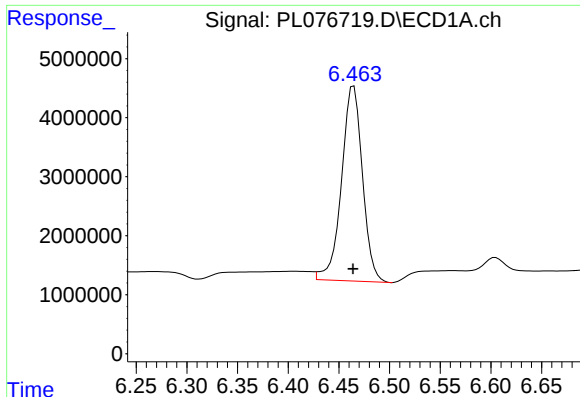
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 6388896
Conc: 10.71 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 16207892
Conc: 9.56 ng/ml



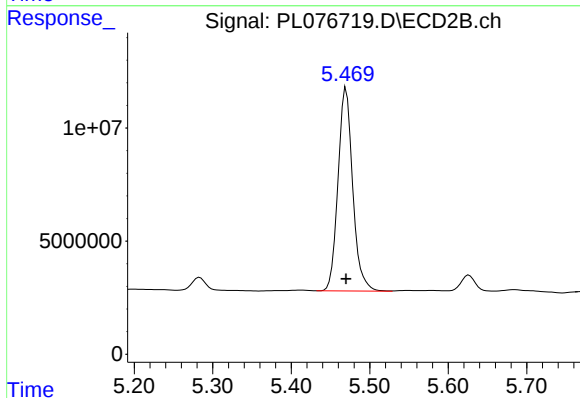
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 47472304
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

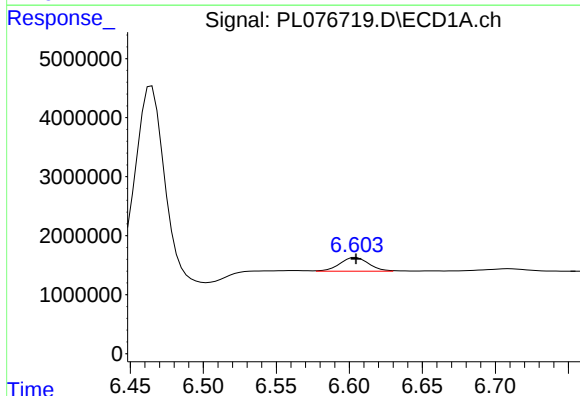
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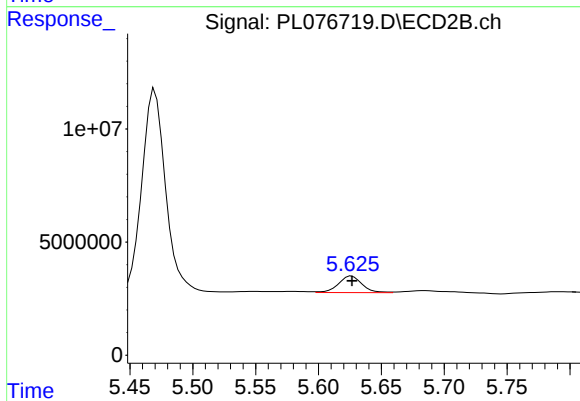
#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 116951859
Conc: 46.59 ng/ml



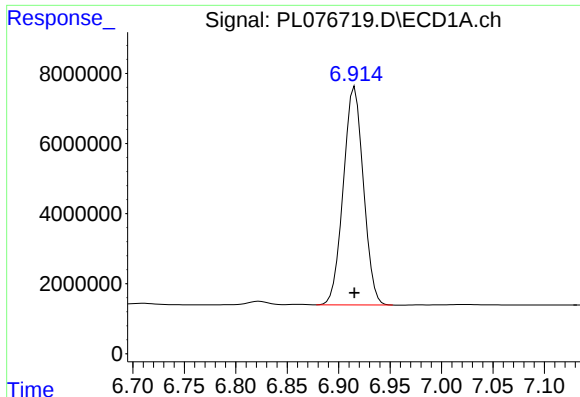
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 3199401
Conc: 3.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 9559079
Conc: 4.04 ng/ml



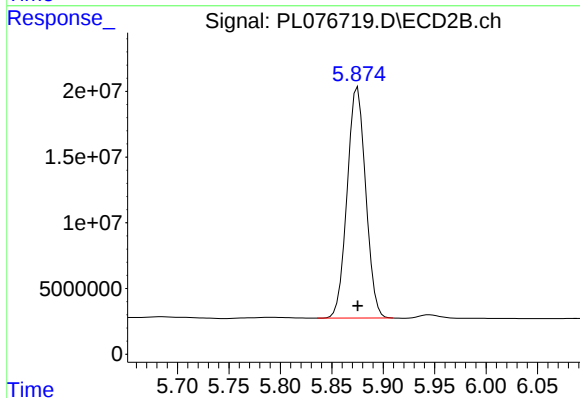
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 84709213
Conc: 93.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

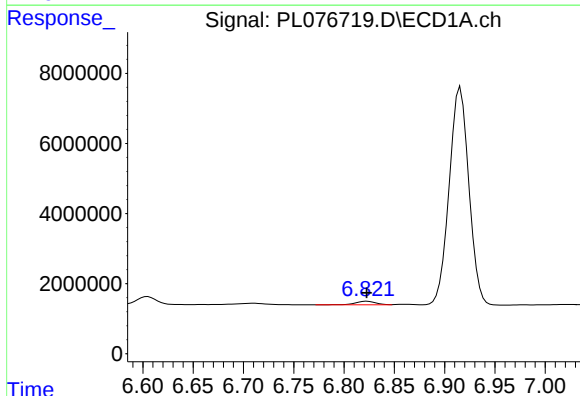
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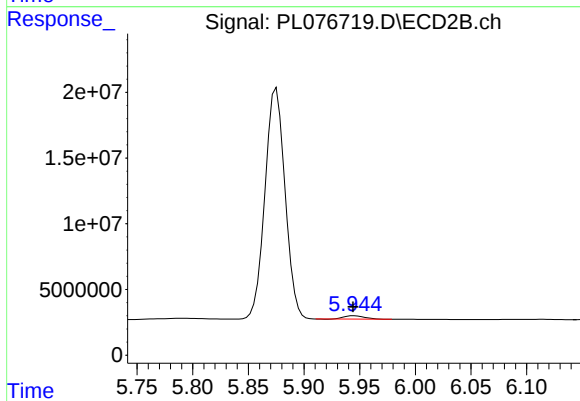
#17 4,4'-DDT

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 220669447
Conc: 91.85 ng/ml



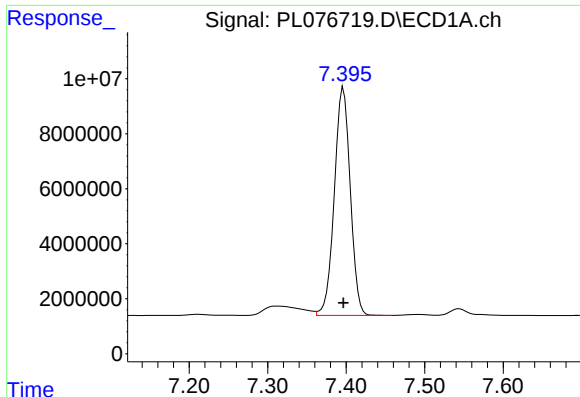
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 1409057
Conc: 1.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 3305346
Conc: 1.75 ng/ml



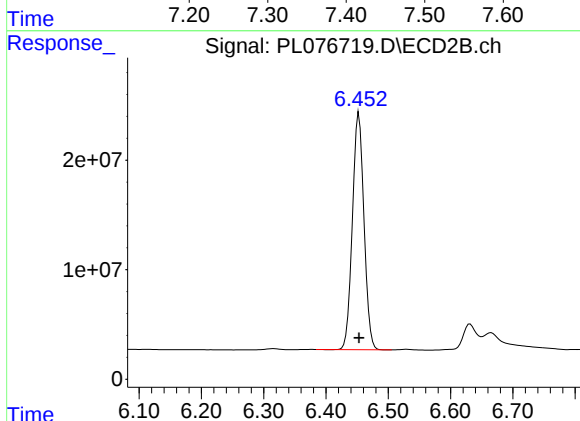
#20 Methoxychlor

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 117089887
Conc: 231.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

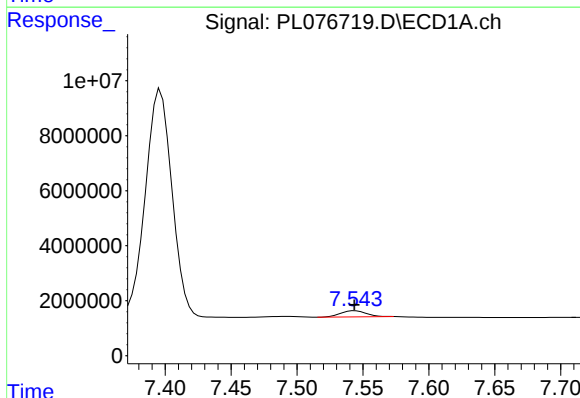
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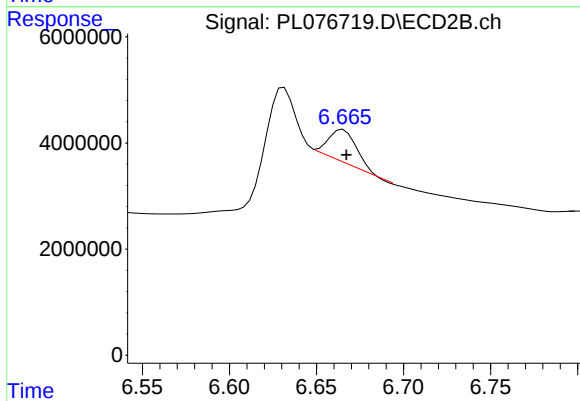
#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 282017051
Conc: 215.62 ng/ml



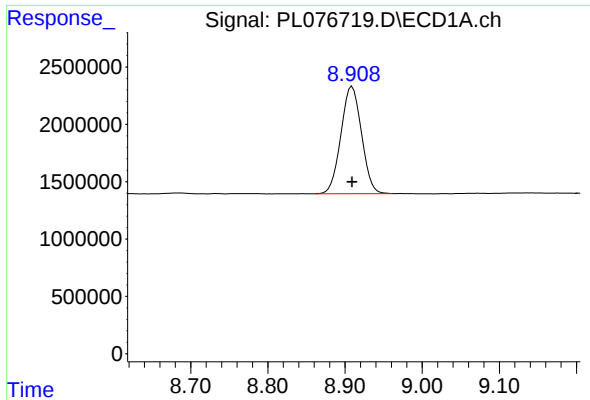
#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 3067593
Conc: 3.00 ng/ml m



#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 6635368
Conc: 2.44 ng/ml m



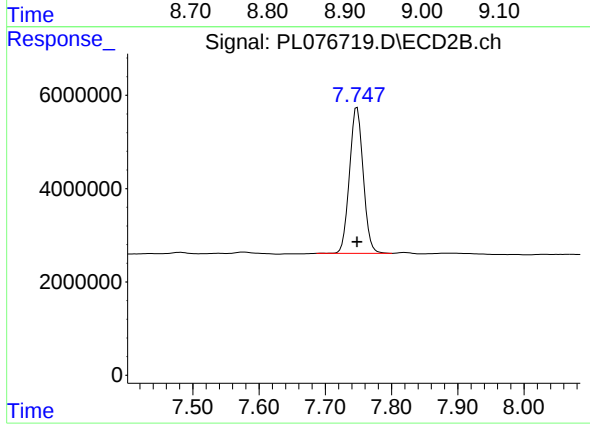
#28 Decachlorobiphenyl

R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 17327333
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 45112877
Conc: 17.58 ng/ml