

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072822\
 Data File : PL076696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2022 10:42
 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 00:05:35 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...	3.428	2.643	19494577	49752095	18.890	16.773
28)	SA Decachlor...	8.921	7.756	16849305	42724578	19.105	16.645
Target Compounds							
2)	A alpha-BHC	3.892	3.138	13337312	35891445	9.248	8.596
3)	MA gamma-BHC...	4.229	3.463	13173324	32896582	9.756	8.631
6)	B beta-BHC	4.440	3.761	6299785	14962284	10.557	8.824
14)	MA Endrin	6.474	5.475	47689956	110.7E6	49.647	44.084
16)	A 4,4'-DDD	6.613	5.630	2356736	5981308	2.827m	2.525m
17)	MA 4,4'-DDT	6.924	5.881	87175628	211.0E6	95.930m	87.839
18)	B Endrin al...	6.830	5.950	1145519	3025233	1.571m	1.606m
20)	A Methoxychlor	7.406	6.459	118.1E6	275.1E6	233.324	210.301
21)	B Endrin ke...	7.552	6.673	3378223	5577286	3.304m	2.055m#

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

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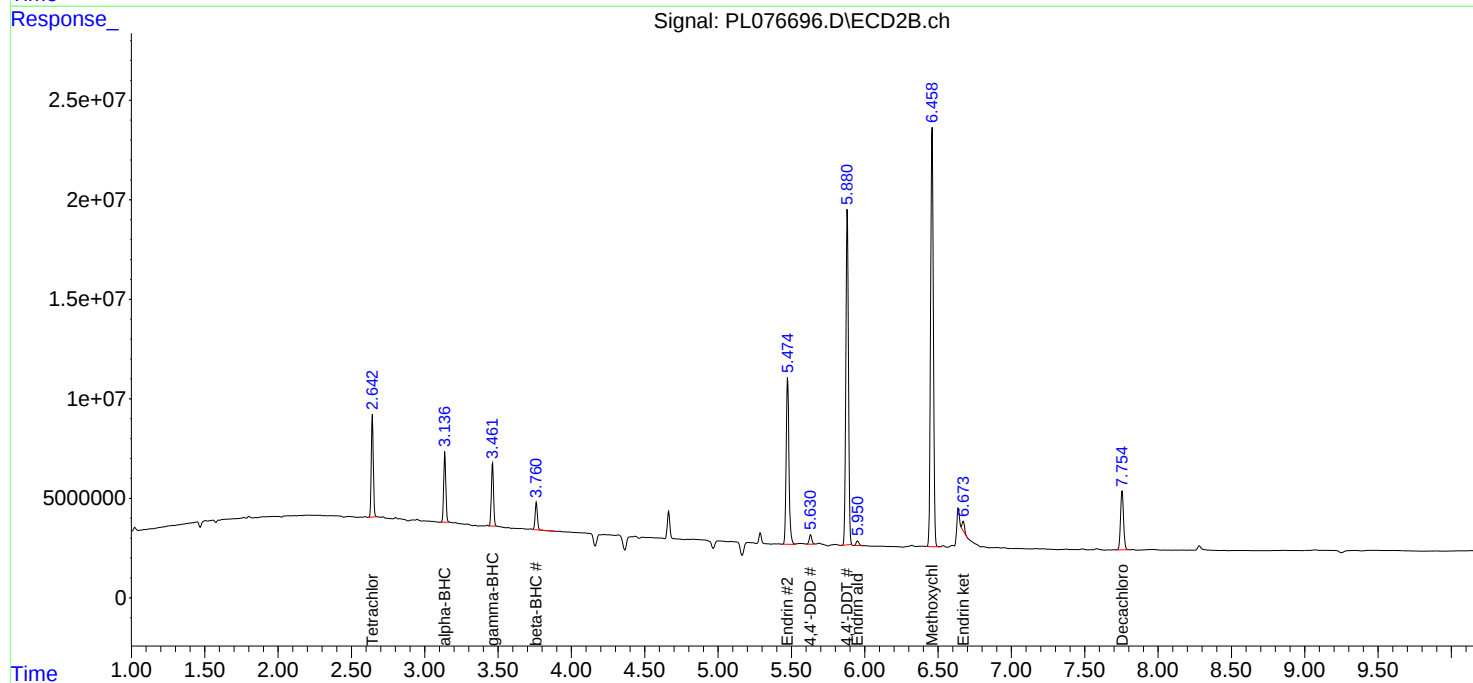
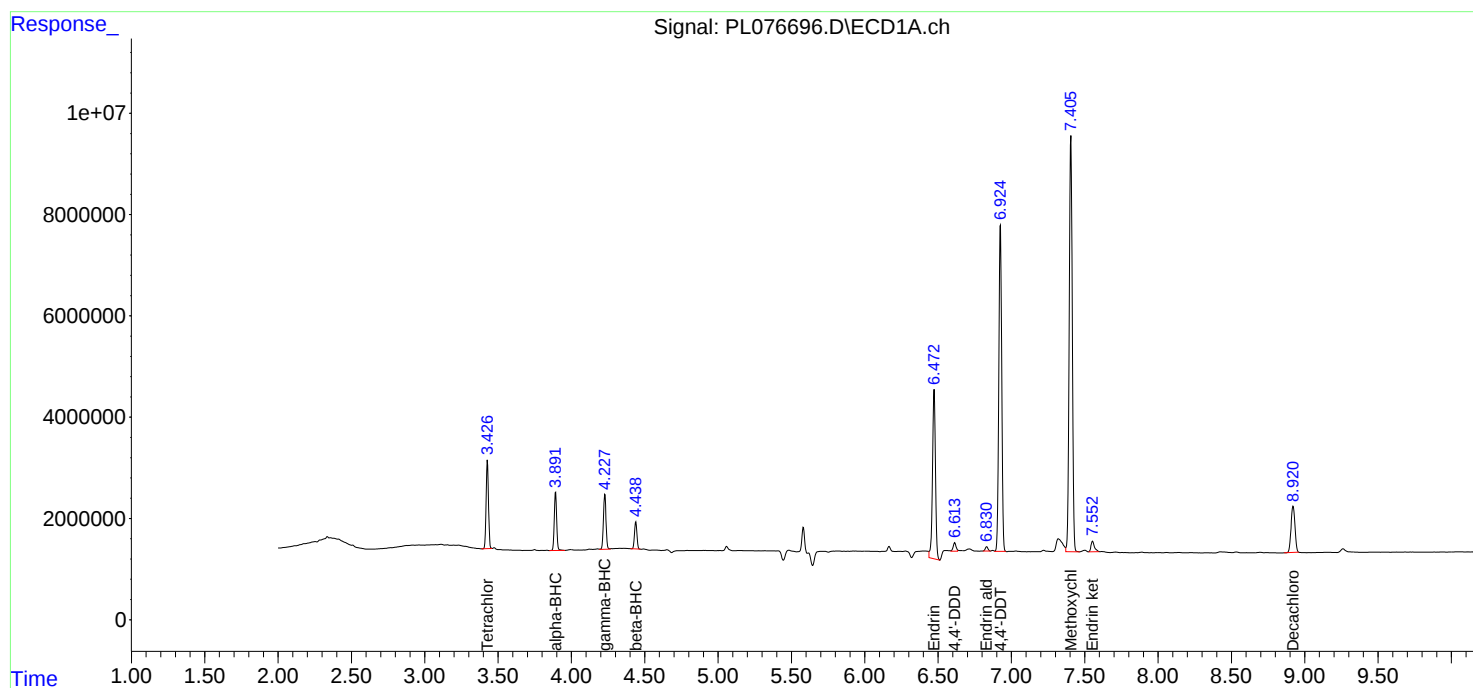
Instrument :
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ClientSampleId :
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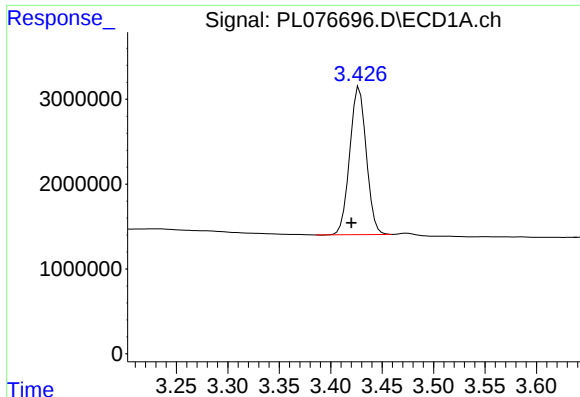
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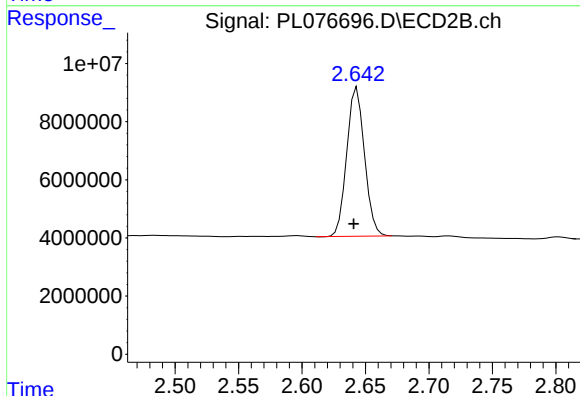
#1 Tetrachloro-m-xylene

R.T.: 3.428 min
Delta R.T.: 0.008 min
Response: 19494577
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

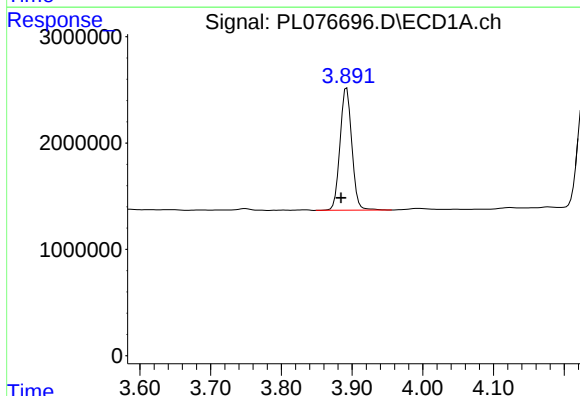
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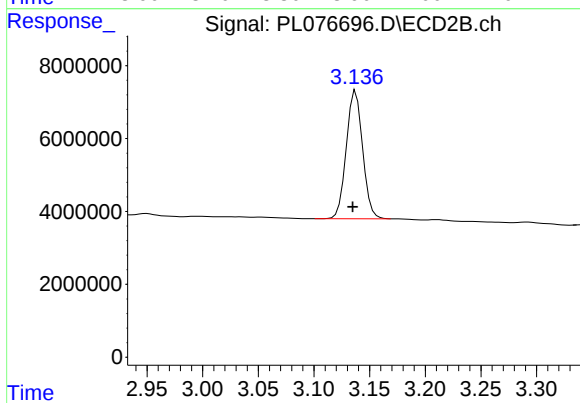
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: 0.003 min
Response: 49752095
Conc: 16.77 ng/ml



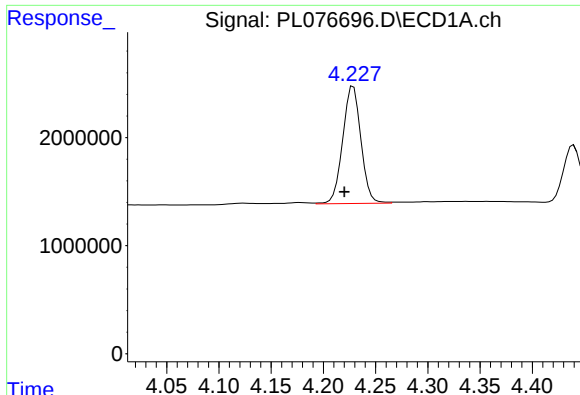
#2 alpha-BHC

R.T.: 3.892 min
Delta R.T.: 0.008 min
Response: 13337312
Conc: 9.25 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: 0.003 min
Response: 35891445
Conc: 8.60 ng/ml



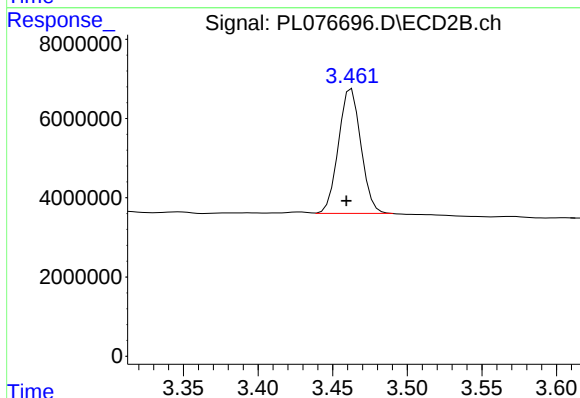
#3 gamma-BHC (Lindane)

R.T.: 4.229 min
Delta R.T.: 0.009 min
Response: 13173324
Conc: 9.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

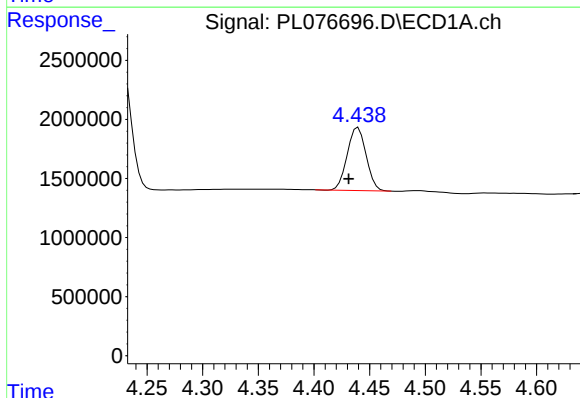
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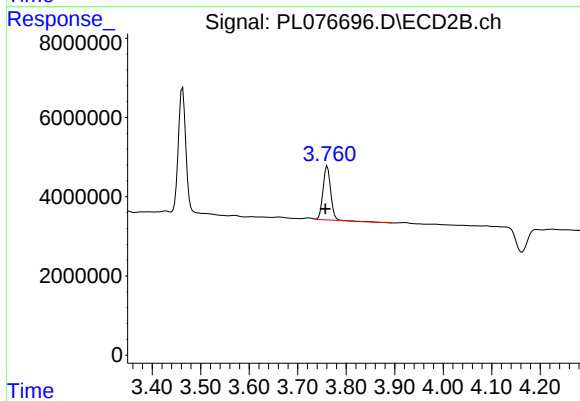
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: 0.003 min
Response: 32896582
Conc: 8.63 ng/ml



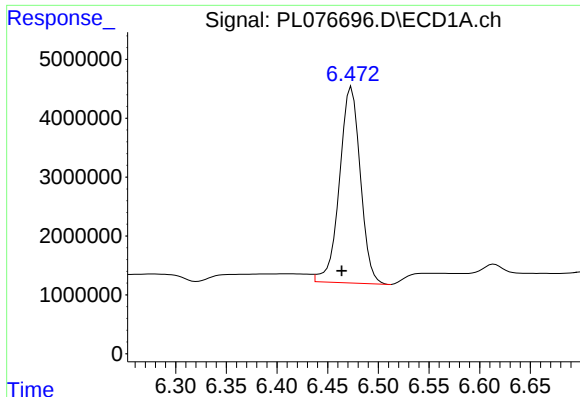
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.008 min
Response: 6299785
Conc: 10.56 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: 0.003 min
Response: 14962284
Conc: 8.82 ng/ml



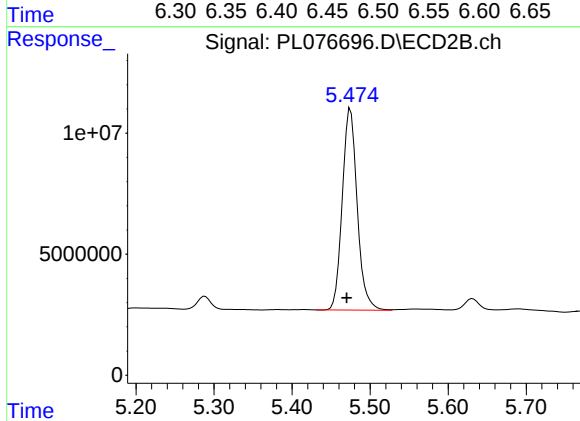
#14 Endrin

R.T.: 6.474 min
Delta R.T.: 0.010 min
Response: 47689956
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

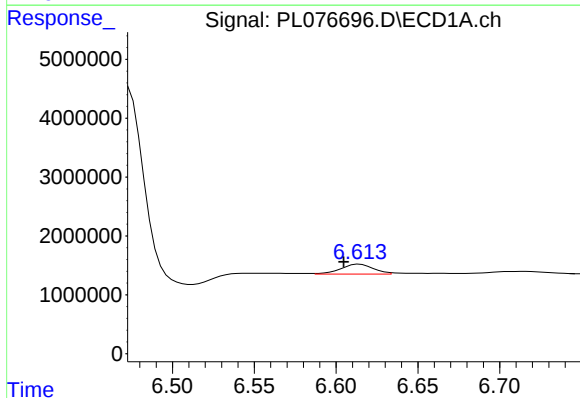
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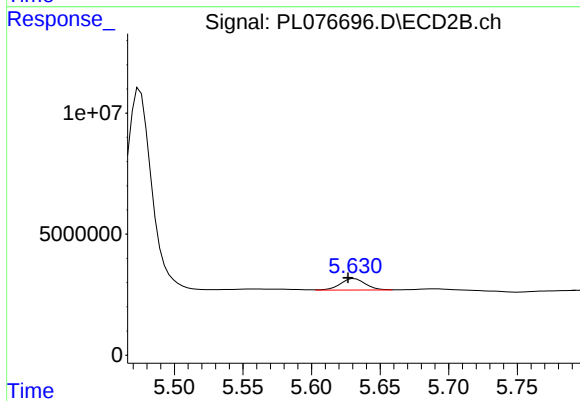
#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.005 min
Response: 110671083
Conc: 44.08 ng/ml



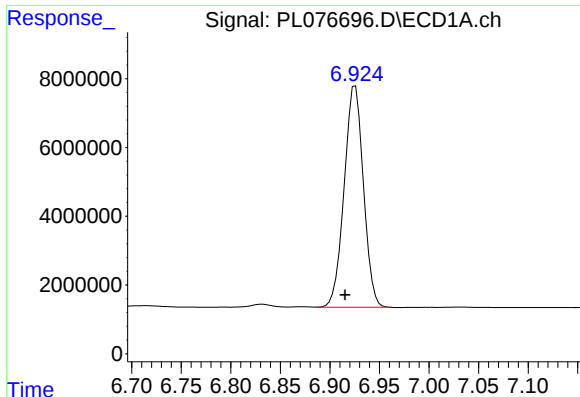
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: 0.008 min
Response: 2356736
Conc: 2.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.003 min
Response: 5981308
Conc: 2.52 ng/ml m



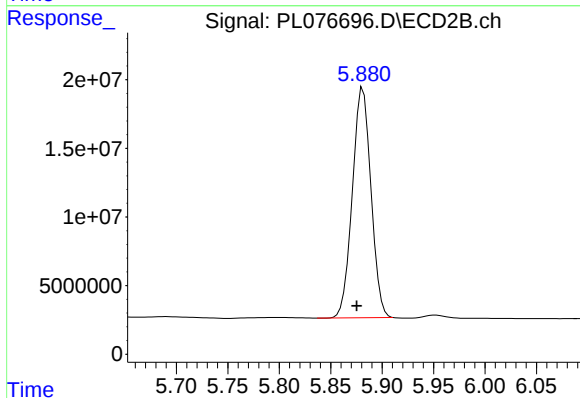
#17 4,4'-DDT

R.T.: 6.924 min
Delta R.T.: 0.009 min
Response: 87175628
Conc: 95.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

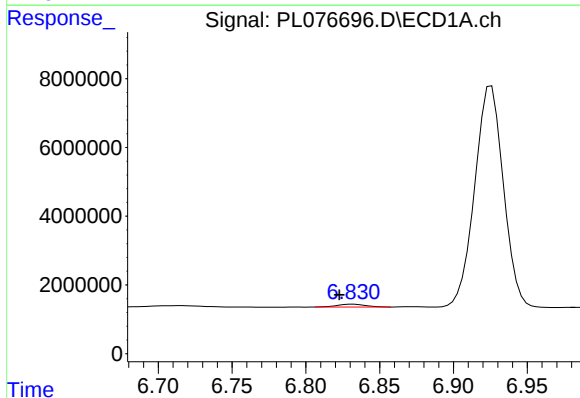
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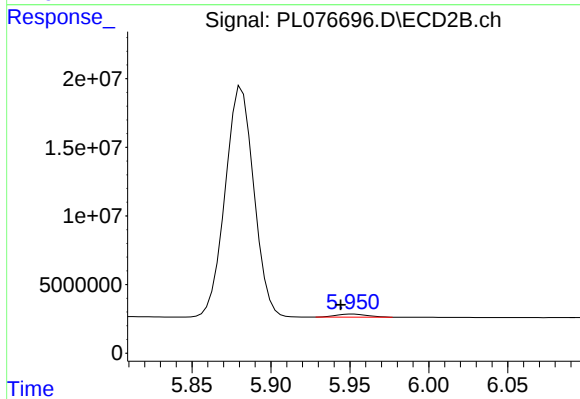
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.006 min
Response: 211041748
Conc: 87.84 ng/ml



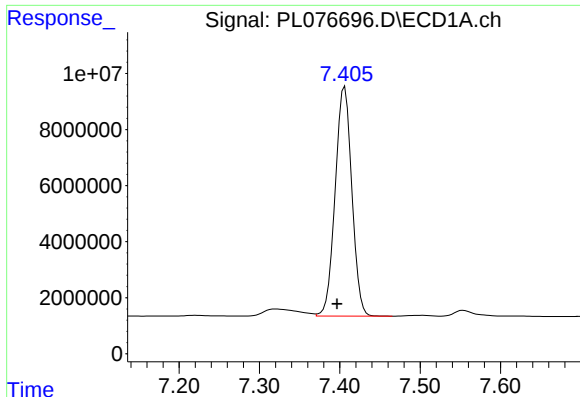
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: 0.008 min
Response: 1145519
Conc: 1.57 ng/ml m



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: 0.006 min
Response: 3025233
Conc: 1.61 ng/ml m



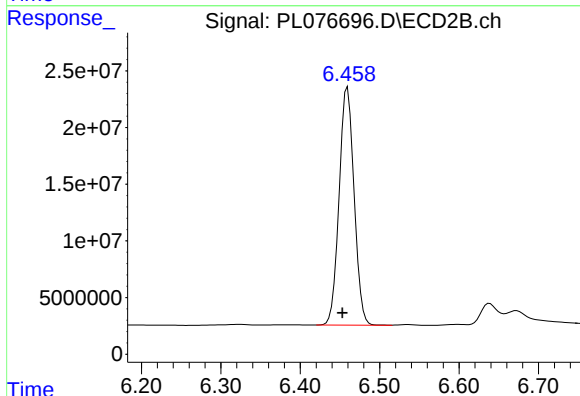
#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: 0.010 min
Response: 118067352
Conc: 233.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

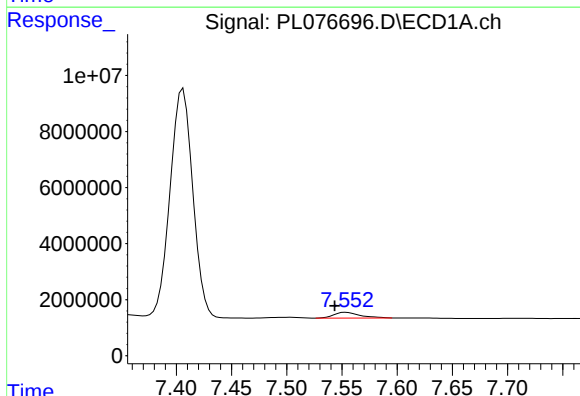
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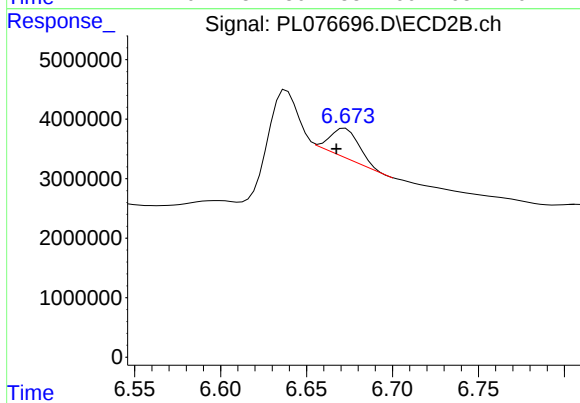
#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: 0.006 min
Response: 275053491
Conc: 210.30 ng/ml



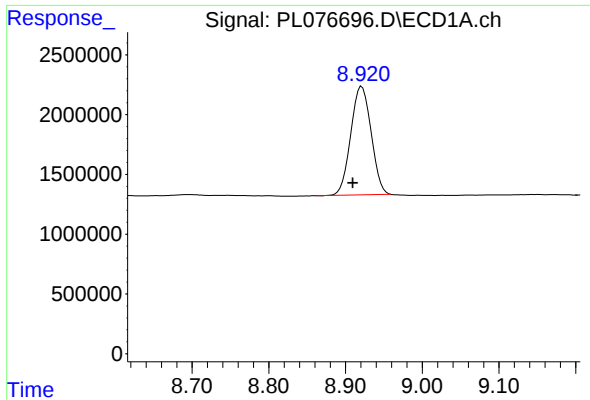
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.009 min
Response: 3378223
Conc: 3.30 ng/ml m



#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: 0.005 min
Response: 5577286
Conc: 2.05 ng/ml m



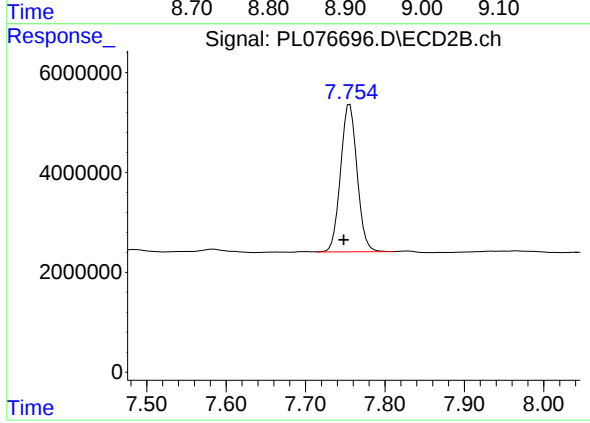
#28 Decachlorobiphenyl

R.T.: 8.921 min
Delta R.T.: 0.012 min
Response: 16849305
Conc: 19.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.756 min
Delta R.T.: 0.007 min
Response: 42724578
Conc: 16.65 ng/ml