

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080222\
 Data File : PL076837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2022 09:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/03/2022
 Supervised By :mohammad ahmed 08/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 04:54:31 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...	3.421	2.642	21009412	51934110	22.069	22.501
28)	SA Decachlor...	8.916	7.751	18100365	43532020	22.778	22.643
Target Compounds							
2)	A alpha-BHC	3.886	3.136	14706945	37196981	10.685	11.204
3)	MA gamma-BHC...	4.222	3.461	13733237	33518089	10.830	11.720
6)	B beta-BHC	4.433	3.759	6995643	15019451	13.238	12.329
14)	MA Endrin	6.468	5.472	48382097	115.3E6	52.517	53.271
16)	A 4,4'-DDD	6.605	5.629	1061412	2135323	1.242m	1.144
17)	MA 4,4'-DDT	6.920	5.878	95827261	219.5E6	113.825	117.506
18)	B Endrin al...	6.827	5.947	1104401	2751907	1.501	1.708m
20)	A Methoxychlor	7.401	6.457	131.8E6	278.5E6	273.632	272.837
21)	B Endrin ke...	7.548	6.668	2333068	4076770	2.504	1.954m

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

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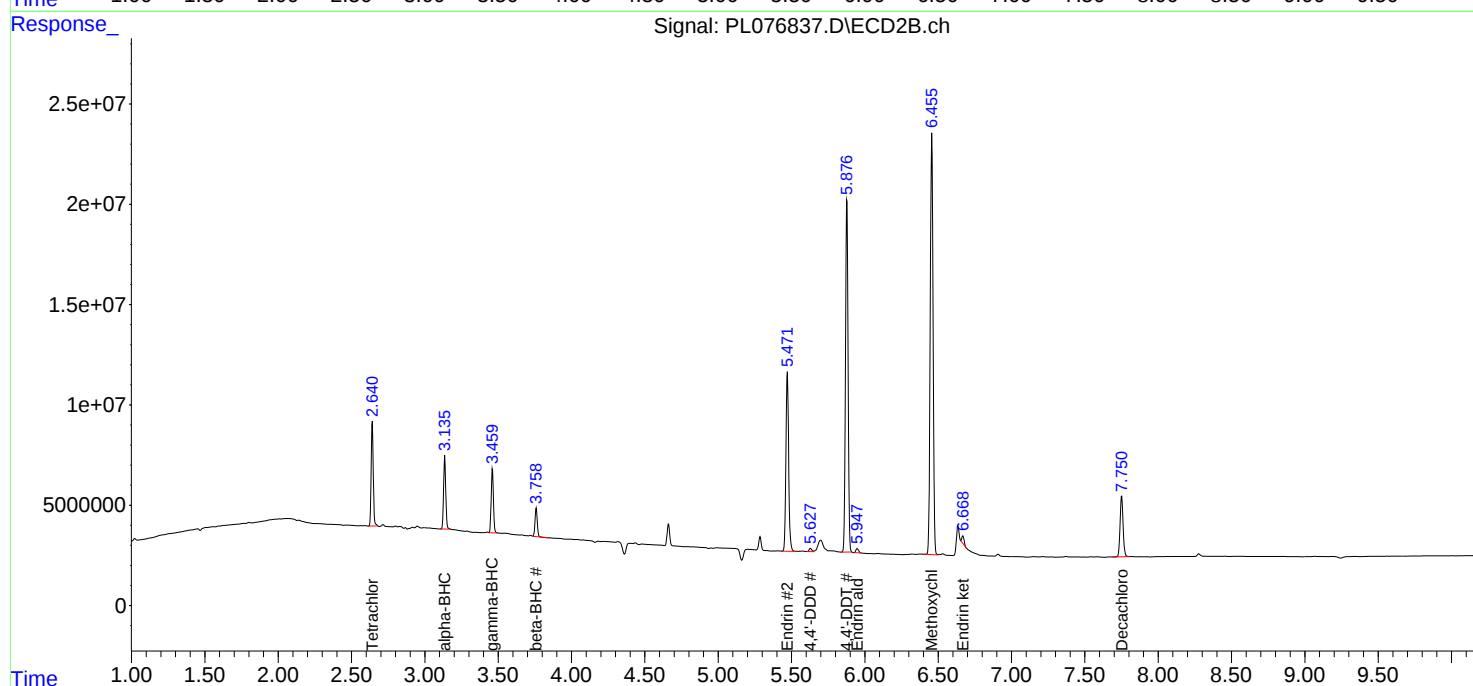
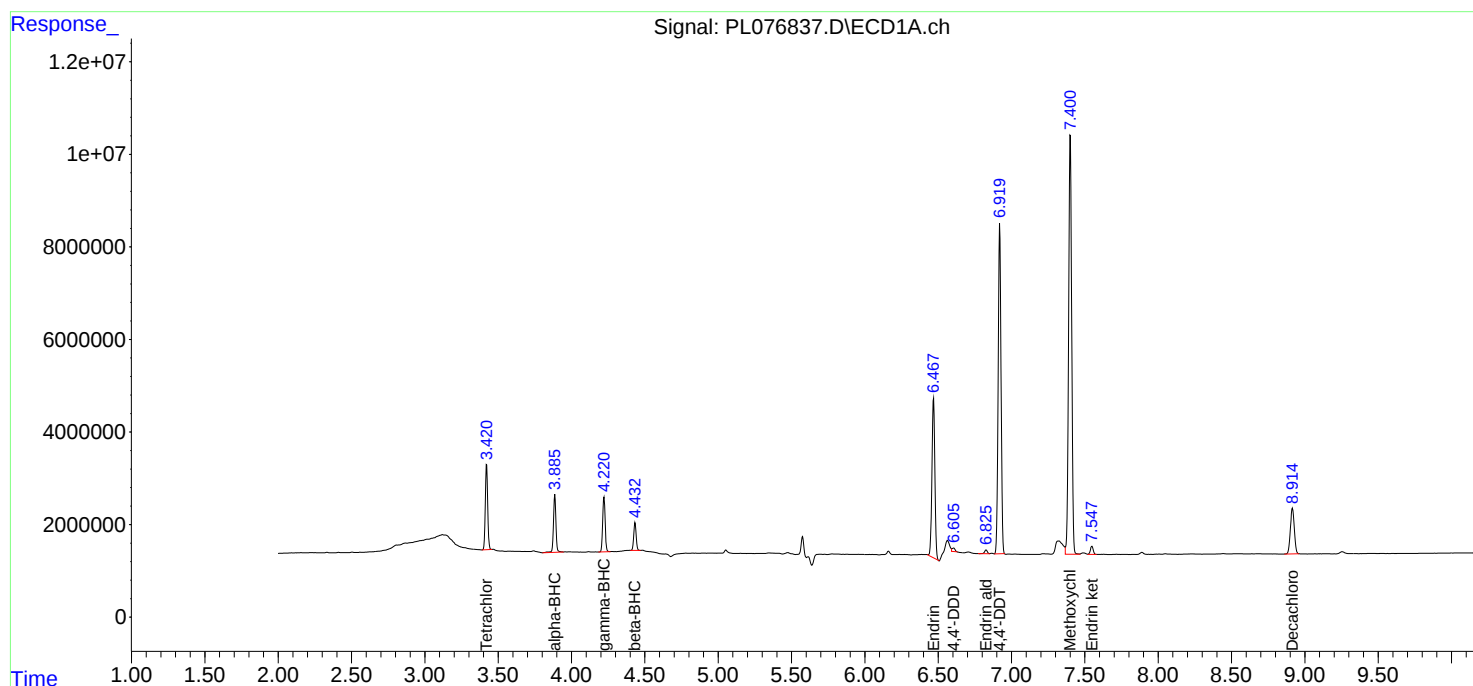
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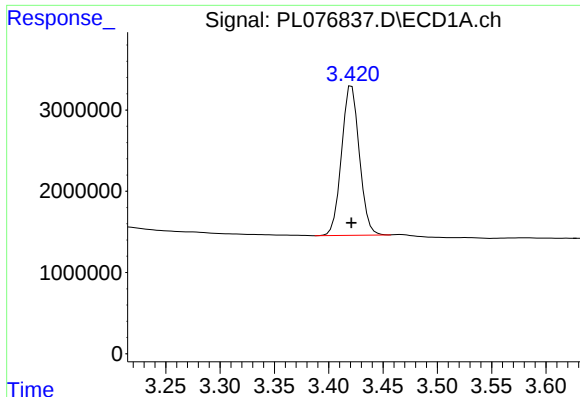
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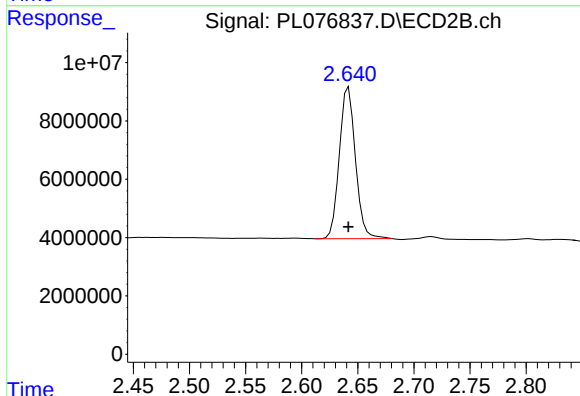
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 21009412
Conc: 22.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

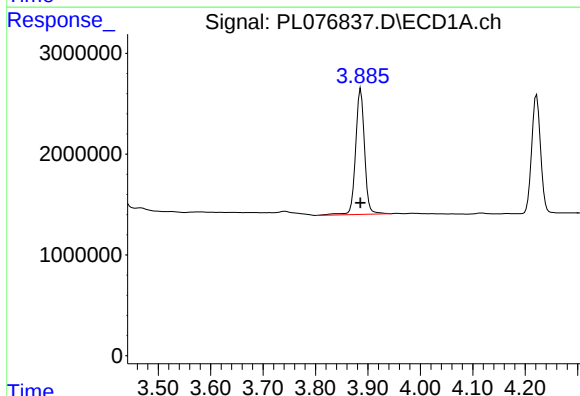
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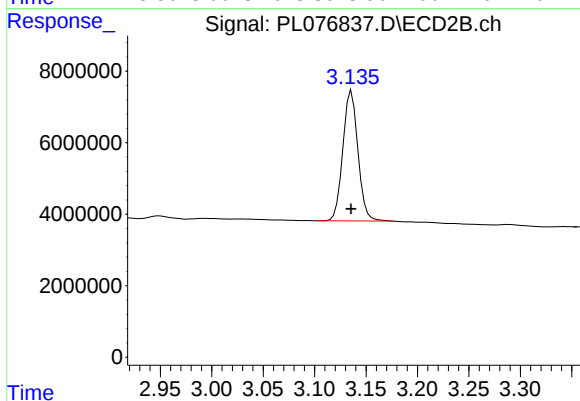
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: 0.000 min
Response: 51934110
Conc: 22.50 ng/ml



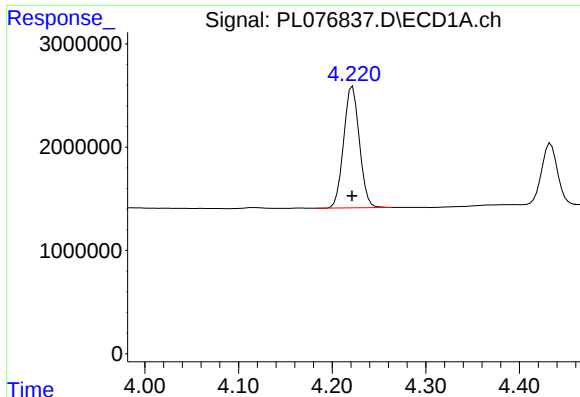
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 14706945
Conc: 10.68 ng/ml



#2 alpha-BHC

R.T.: 3.136 min
Delta R.T.: 0.000 min
Response: 37196981
Conc: 11.20 ng/ml



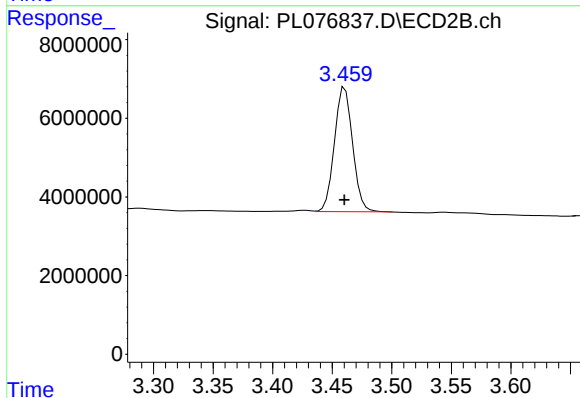
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 13733237
Conc: 10.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

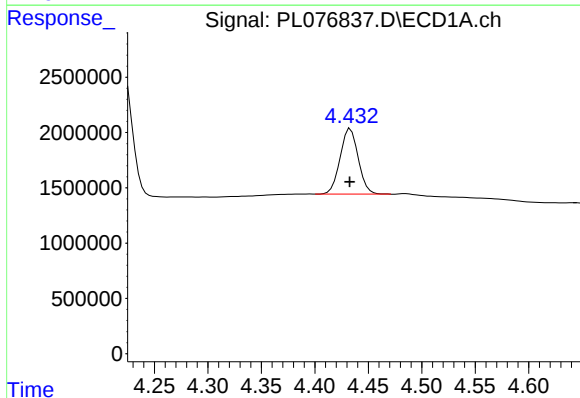
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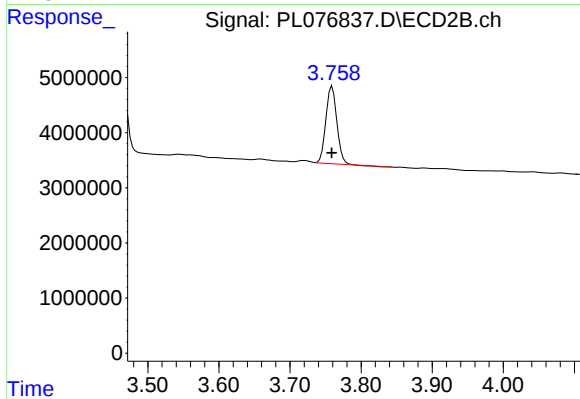
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 33518089
Conc: 11.72 ng/ml



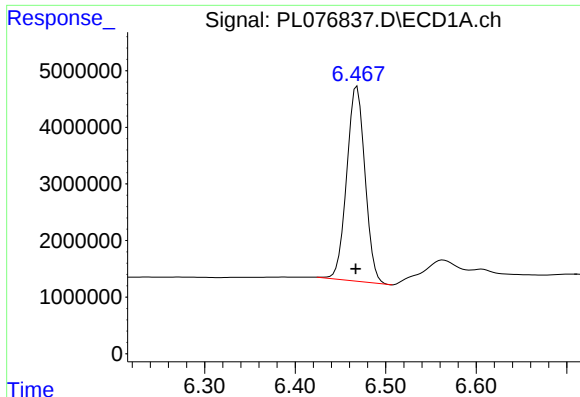
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 6995643
Conc: 13.24 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 15019451
Conc: 12.33 ng/ml



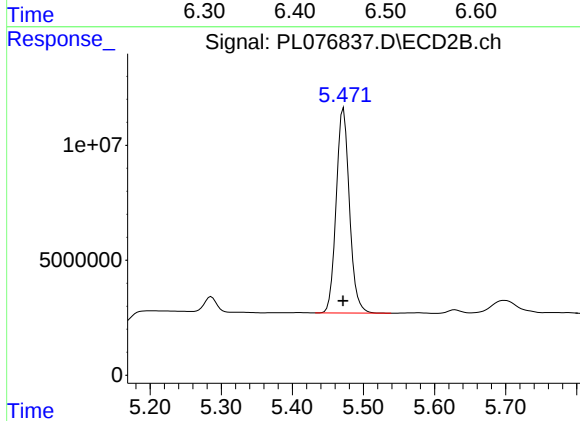
#14 Endrin

R.T.: 6.468 min
Delta R.T.: 0.002 min
Response: 48382097
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

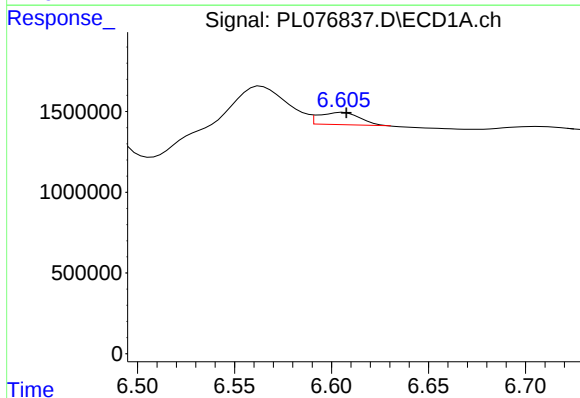
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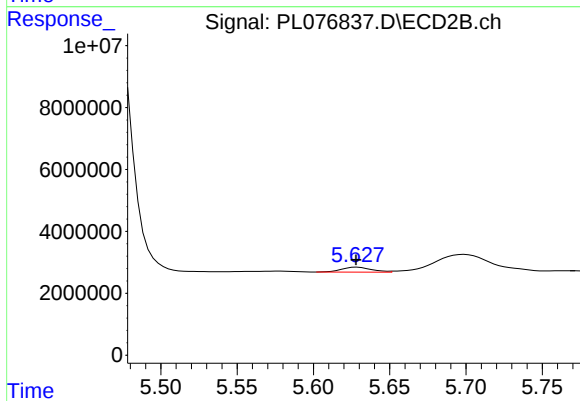
#14 Endrin

R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 115307764
Conc: 53.27 ng/ml



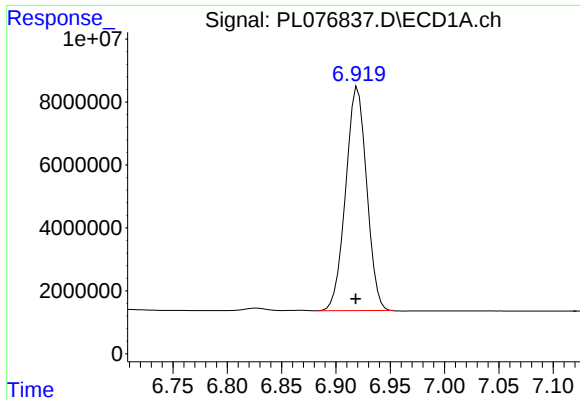
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 1061412
Conc: 1.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 2135323
Conc: 1.14 ng/ml



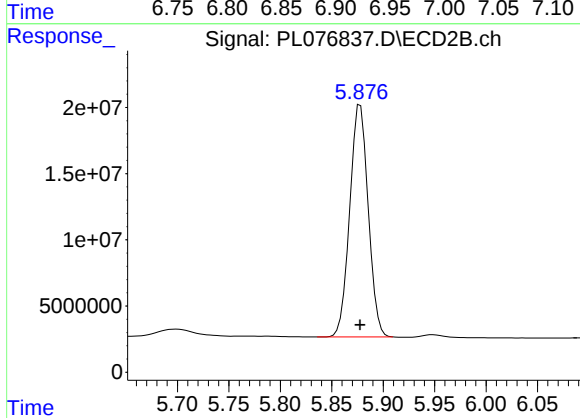
#17 4,4'-DDT

R.T.: 6.920 min
Delta R.T.: 0.002 min
Response: 95827261
Conc: 113.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

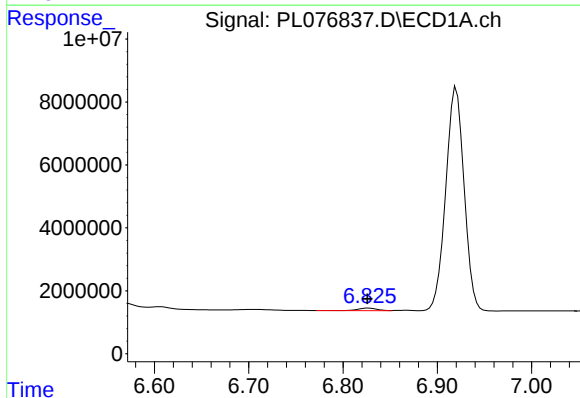
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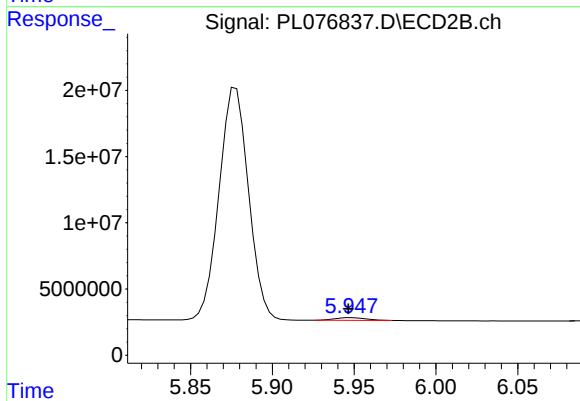
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 219481379
Conc: 117.51 ng/ml



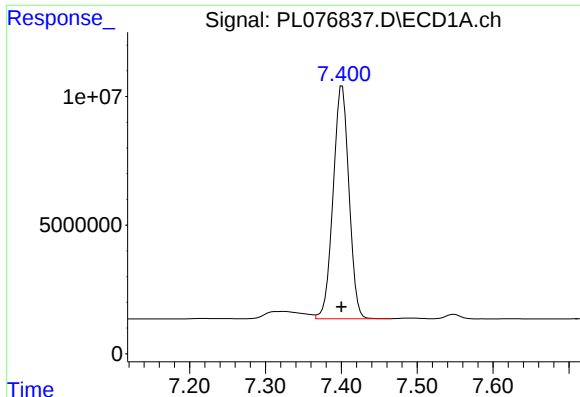
#18 Endrin aldehyde

R.T.: 6.827 min
Delta R.T.: 0.001 min
Response: 1104401
Conc: 1.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 2751907
Conc: 1.71 ng/ml m



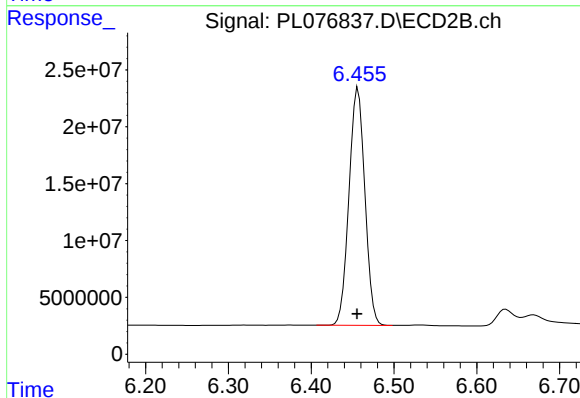
#20 Methoxychlor

R.T.: 7.401 min
Delta R.T.: 0.001 min
Response: 131824490
Conc: 273.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

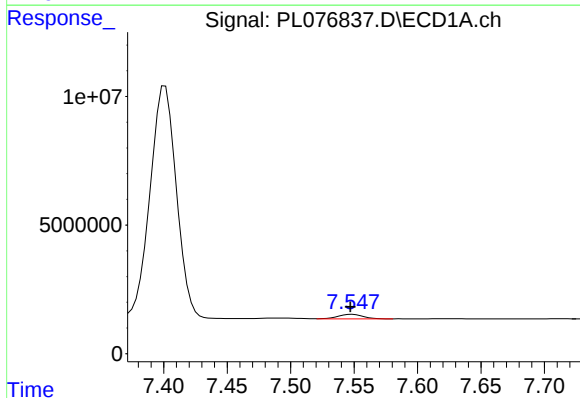
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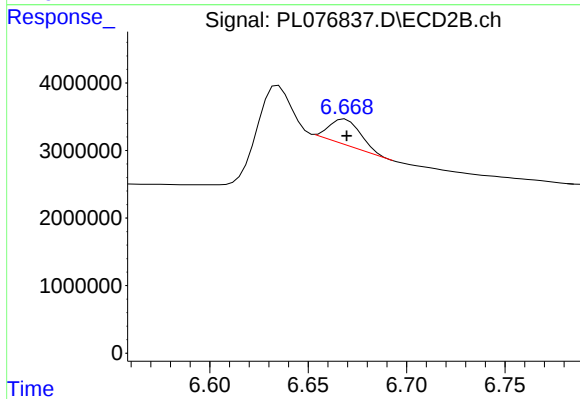
#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: 0.001 min
Response: 278512533
Conc: 272.84 ng/ml



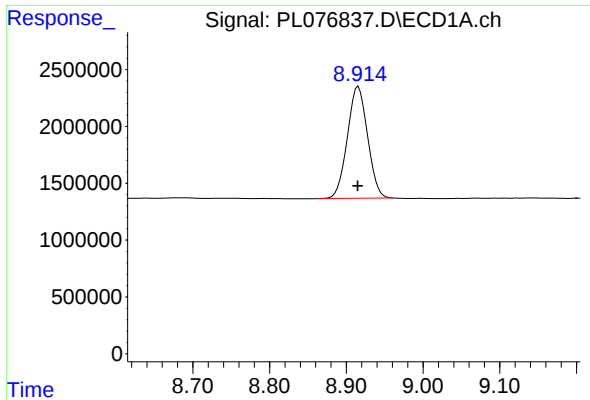
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: 0.001 min
Response: 2333068
Conc: 2.50 ng/ml



#21 Endrin ketone

R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 4076770
Conc: 1.95 ng/ml m



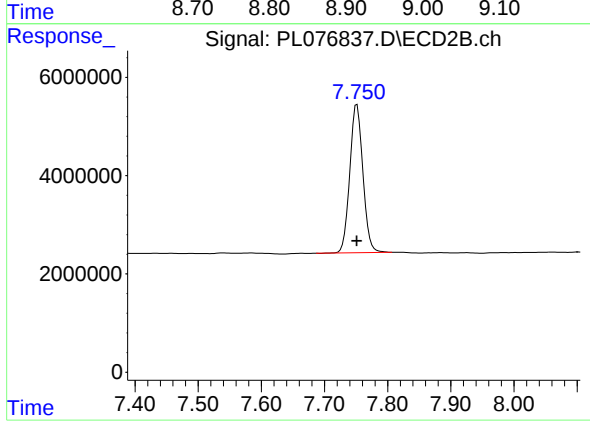
#28 Decachlorobiphenyl

R.T.: 8.916 min
Delta R.T.: 0.000 min
Response: 18100365
Conc: 22.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 43532020
Conc: 22.64 ng/ml