

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
 Data File : PL076739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 15:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/29/2022
 Supervised By : Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 00:08:24 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...	3.422	2.643	20583178	54124783	19.944	18.247
28)	SA Decachlor...	8.917	7.753	18412433	47915134	20.877	18.667
Target Compounds							
2)	A alpha-BHC	3.887	3.137	14133743	39601535	9.800	9.485
3)	MA gamma-BHC...	4.223	3.462	14185361	35832985	10.506	9.402
6)	B beta-BHC	4.434	3.759	6955090	16000223	11.655	9.436m
14)	MA Endrin	6.469	5.473	49845407	118.5E6	51.890	47.191
16)	A 4,4'-DDD	6.608	5.629	4536868	11726935	5.442m	4.950
17)	MA 4,4'-DDT	6.920	5.879	88630518	223.4E6	97.531	92.991
18)	B Endrin al...	6.827	5.949	1657647	3659402	2.274	1.942
20)	A Methoxychlor	7.401	6.457	122.5E6	285.4E6	242.170	218.213
21)	B Endrin ke...	7.547	6.670	4284787	8196298	4.190m	3.020m#

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

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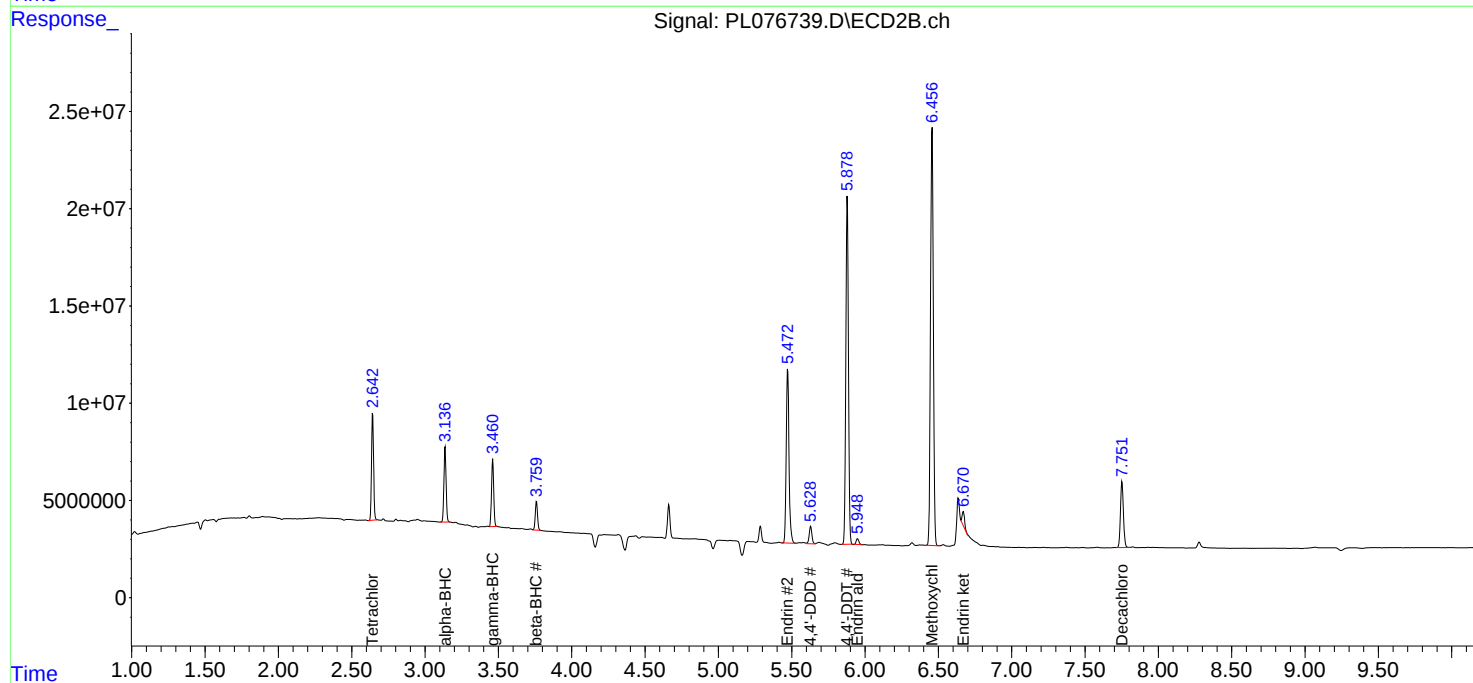
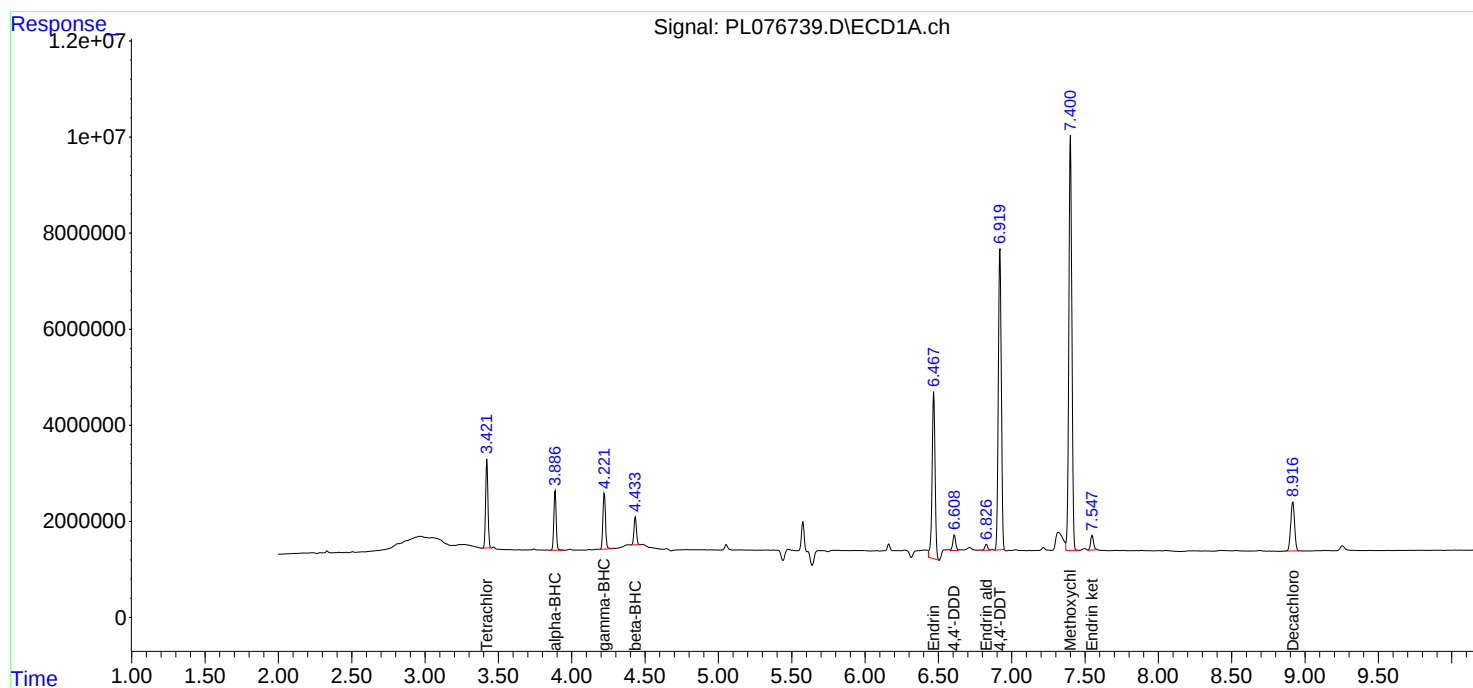
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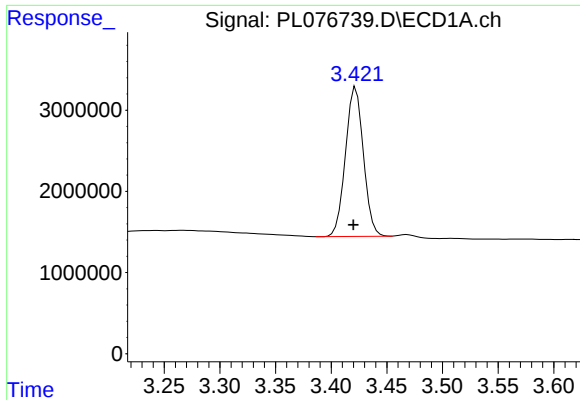
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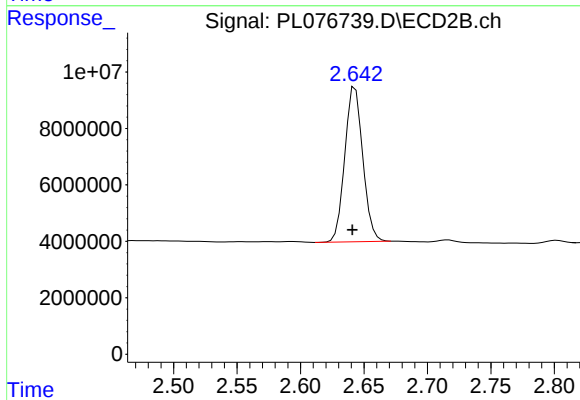
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.002 min
Response: 20583178
Conc: 19.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

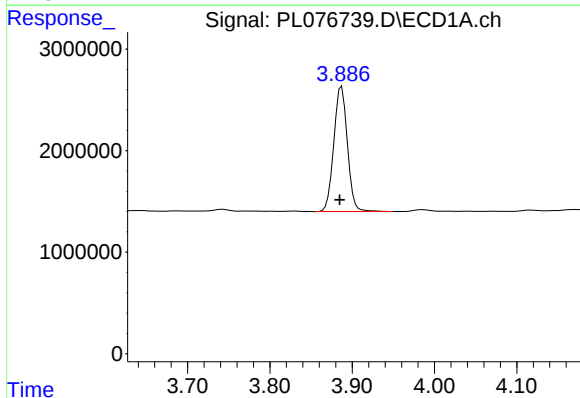
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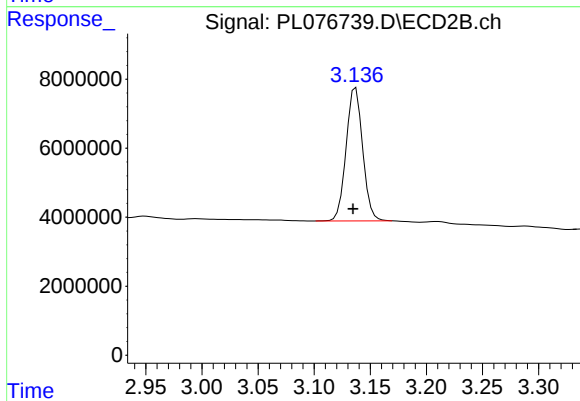
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: 0.002 min
Response: 54124783
Conc: 18.25 ng/ml



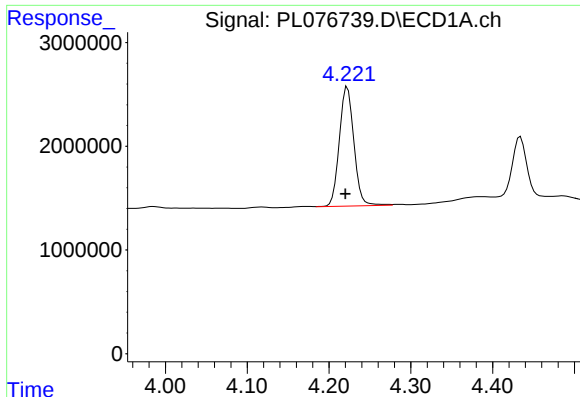
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 14133743
Conc: 9.80 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: 0.002 min
Response: 39601535
Conc: 9.49 ng/ml



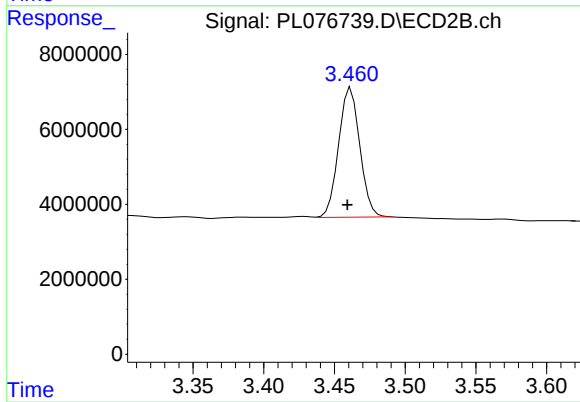
#3 gamma-BHC (Lindane)

R.T.: 4.223 min
Delta R.T.: 0.002 min
Response: 14185361
Conc: 10.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

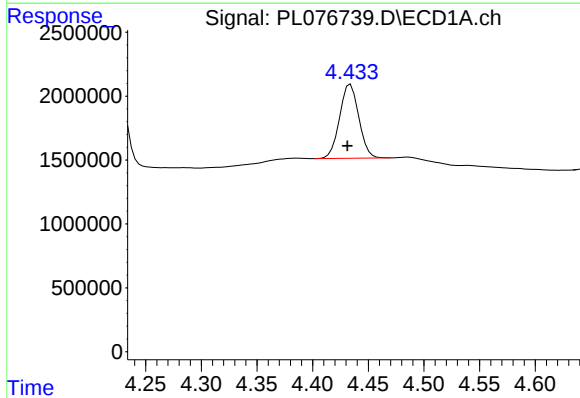
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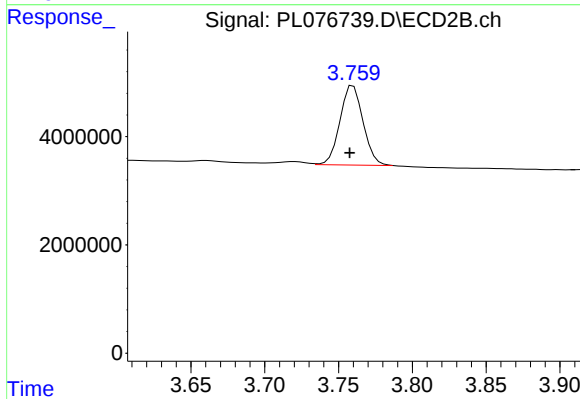
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.002 min
Response: 35832985
Conc: 9.40 ng/ml



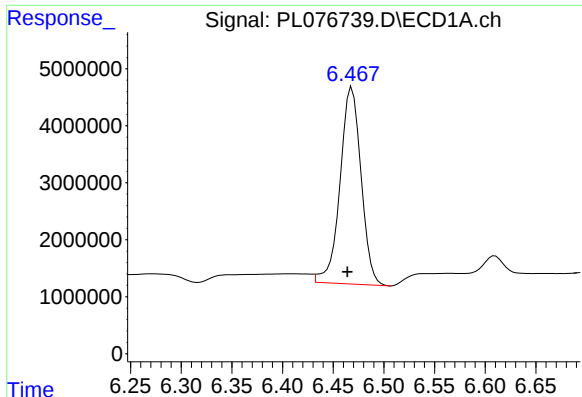
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.003 min
Response: 6955090
Conc: 11.66 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 16000223
Conc: 9.44 ng/ml m



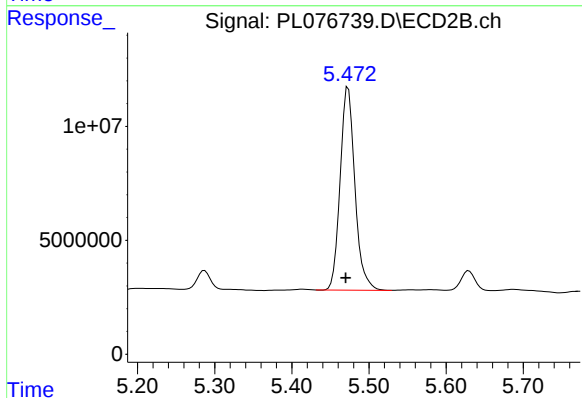
#14 Endrin

R.T.: 6.469 min
Delta R.T.: 0.005 min
Response: 49845407
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

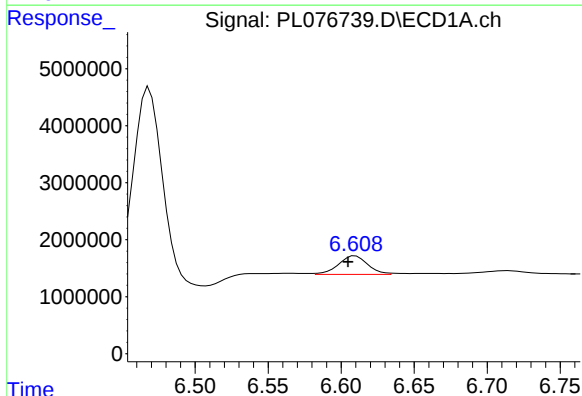
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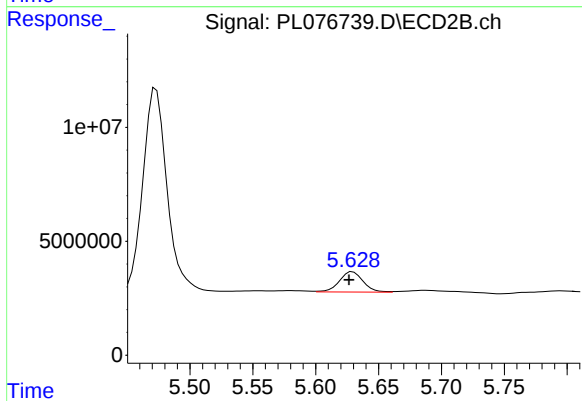
#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.003 min
Response: 118472781
Conc: 47.19 ng/ml



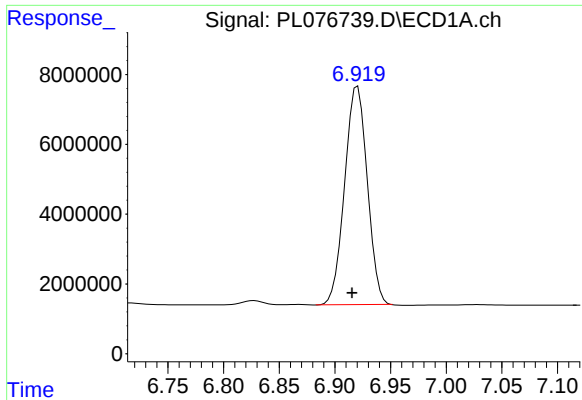
#16 4,4'-DDD

R.T.: 6.608 min
Delta R.T.: 0.004 min
Response: 4536868
Conc: 5.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 11726935
Conc: 4.95 ng/ml



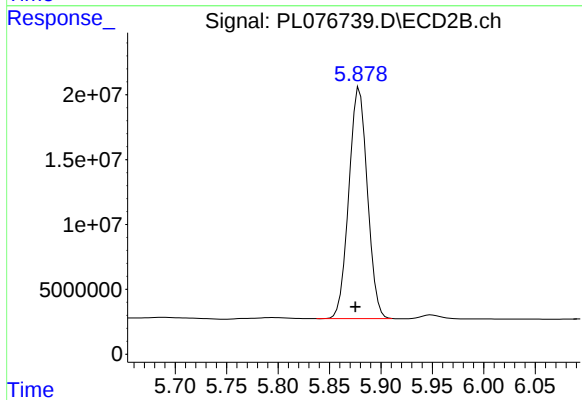
#17 4,4'-DDT

R.T.: 6.920 min
Delta R.T.: 0.005 min
Response: 88630518
Conc: 97.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

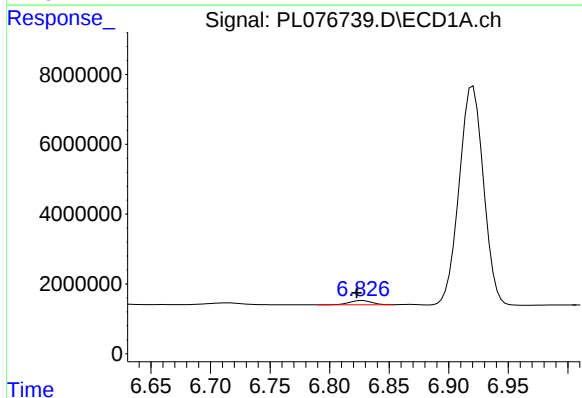
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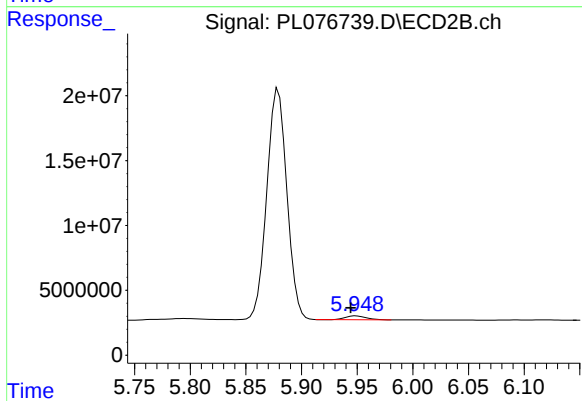
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: 0.004 min
Response: 223419390
Conc: 92.99 ng/ml



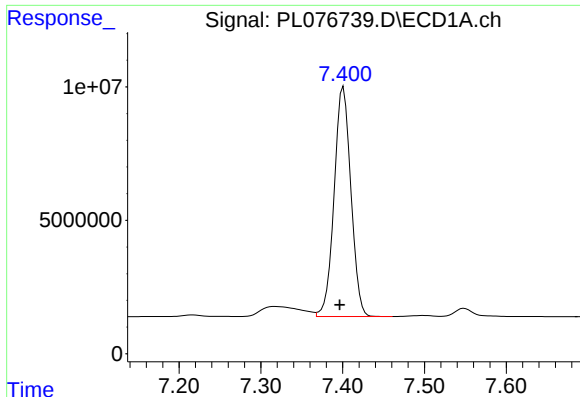
#18 Endrin aldehyde

R.T.: 6.827 min
Delta R.T.: 0.005 min
Response: 1657647
Conc: 2.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 3659402
Conc: 1.94 ng/ml



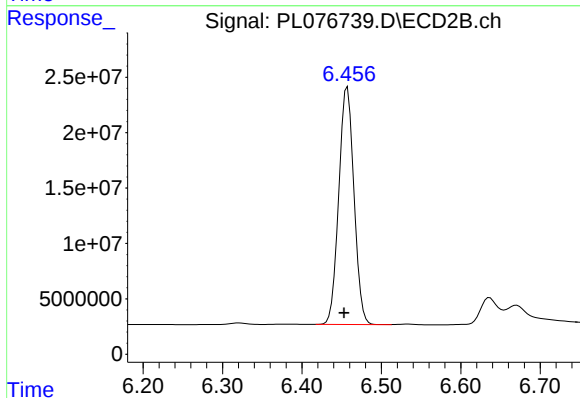
#20 Methoxychlor

R.T.: 7.401 min
Delta R.T.: 0.005 min
Response: 122543579
Conc: 242.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

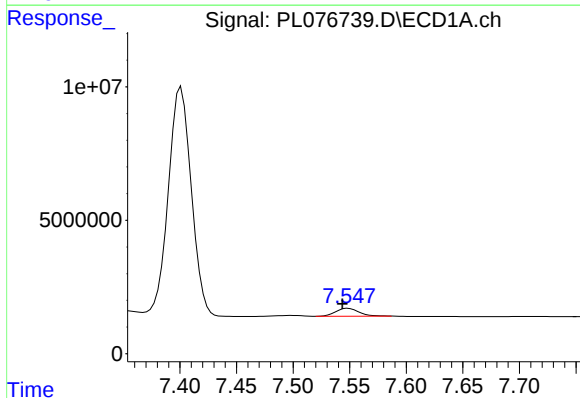
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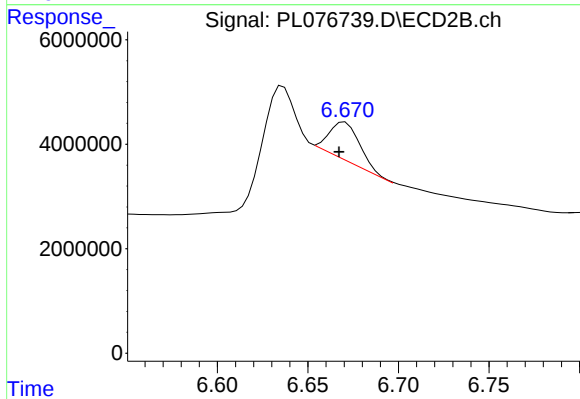
#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: 0.004 min
Response: 285401417
Conc: 218.21 ng/ml



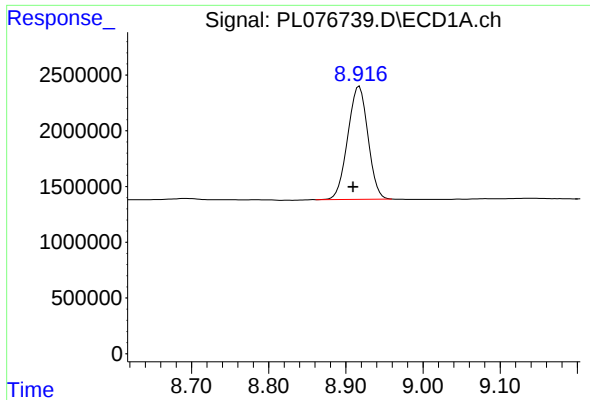
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: 0.004 min
Response: 4284787
Conc: 4.19 ng/ml m



#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 8196298
Conc: 3.02 ng/ml m



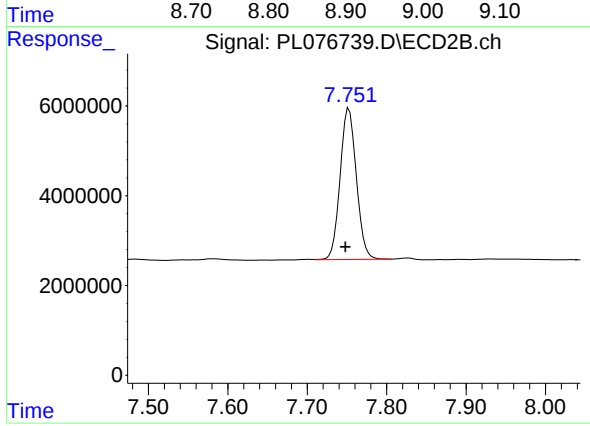
#28 Decachlorobiphenyl

R.T.: 8.917 min
Delta R.T.: 0.008 min
Response: 18412433
Conc: 20.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: 0.004 min
Response: 47915134
Conc: 18.67 ng/ml