

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101322\
 Data File : PL078312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2022 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2022
 Supervised By : Ankita Jodhani 10/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 23:19:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 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...	3.414	2.622	40130747	62062901	24.283	23.480
28)	SA Decachlor...	8.904	7.717	34338723	47429457	22.243	21.818
Target Compounds							
2)	A alpha-BHC	3.879	3.114	27341387	48427278	10.872	11.635
3)	MA gamma-BHC...	4.215	3.437	26071055	42139005	11.180	12.093
6)	B beta-BHC	4.428	3.738	11791992	19675357	11.856	13.346
14)	MA Endrin	6.460	5.442	78837186	135.1E6	52.833	58.632
16)	A 4,4'-DDD	6.600	5.598	1234838	2659875	1.003	1.194m
17)	MA 4,4'-DDT	6.912	5.847	160.3E6	258.5E6	109.494	113.870
18)	B Endrin al...	6.819	5.919	1070108	3256333	0.935	1.760 #
20)	A Methoxychlor	7.393	6.425	201.6E6	311.9E6	266.123	246.917
21)	B Endrin ke...	7.540	6.638	4310785	7815835	2.763m	2.950m

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

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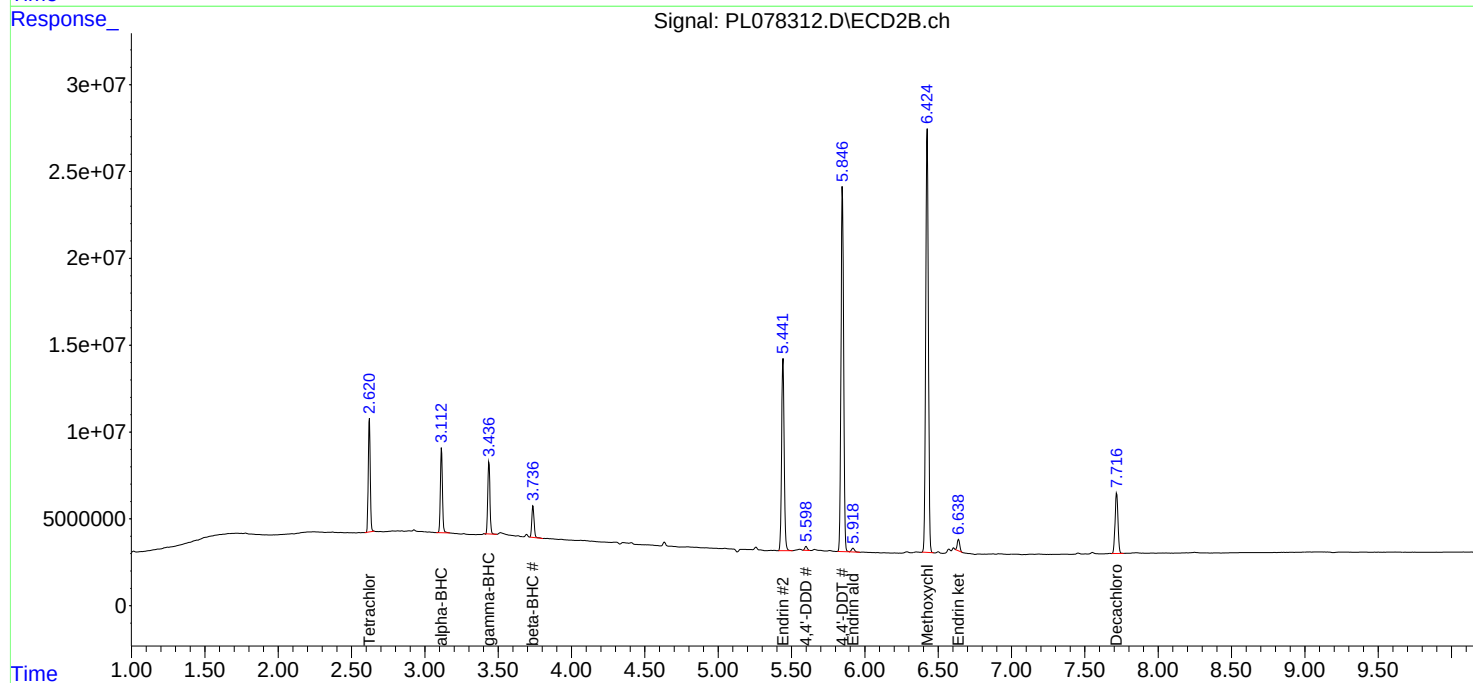
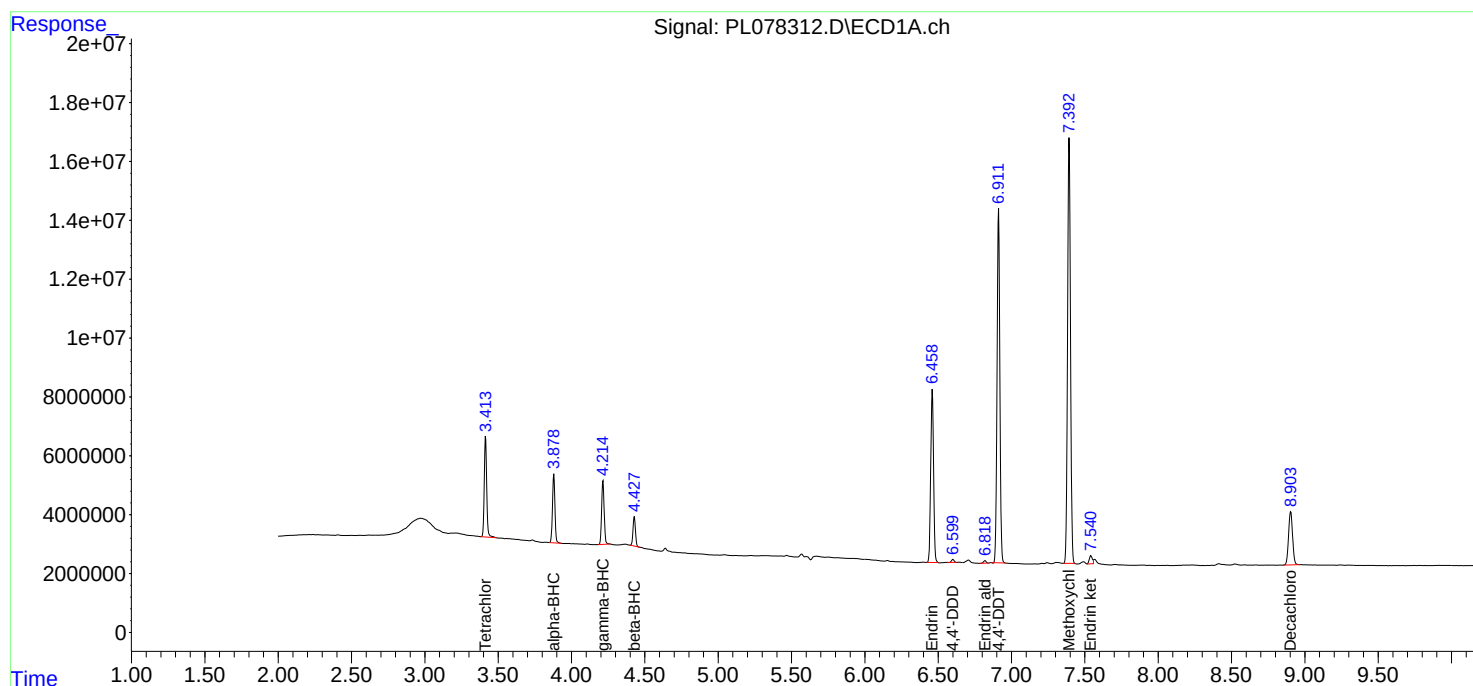
Instrument :
ECD_L
ClientSampleId :
PEM

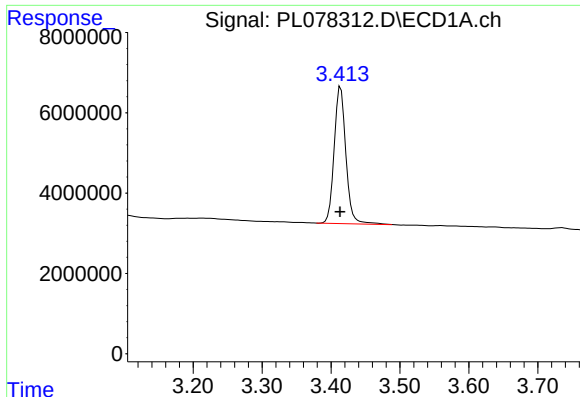
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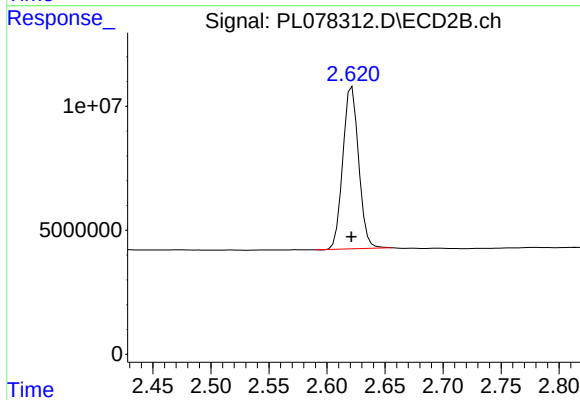
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 40130747
Conc: 24.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

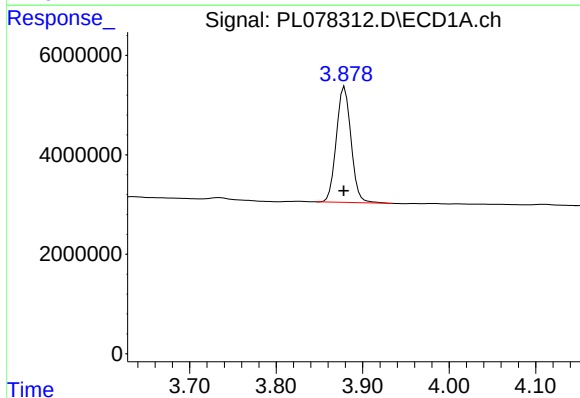
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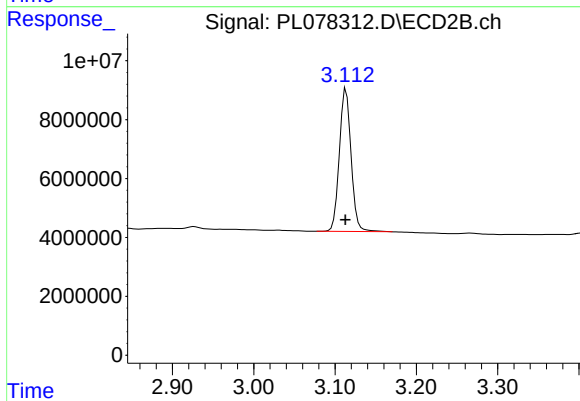
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 62062901
Conc: 23.48 ng/ml



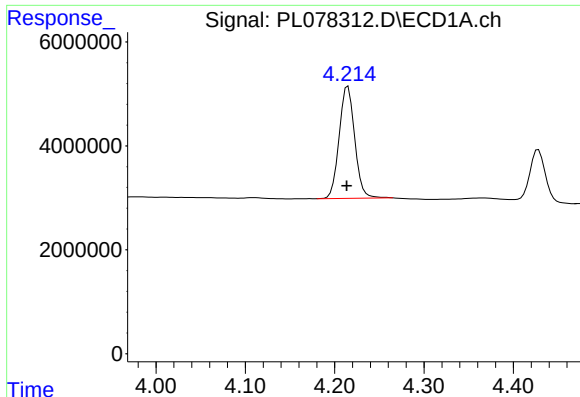
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.001 min
Response: 27341387
Conc: 10.87 ng/ml



#2 alpha-BHC

R.T.: 3.114 min
Delta R.T.: 0.000 min
Response: 48427278
Conc: 11.63 ng/ml



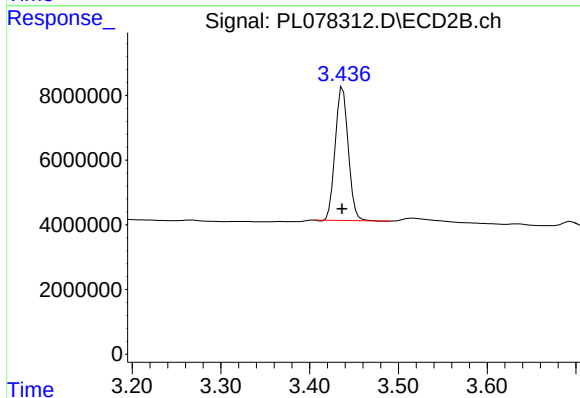
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.001 min
Response: 26071055
Conc: 11.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

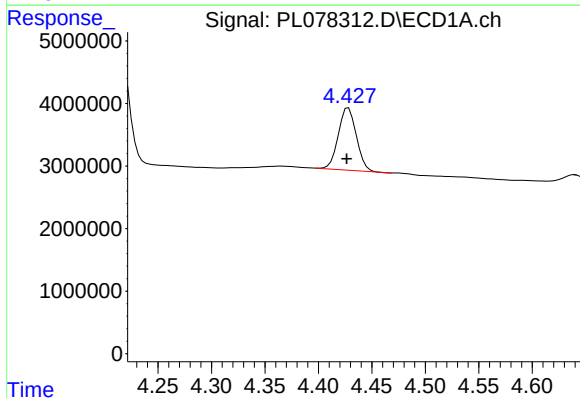
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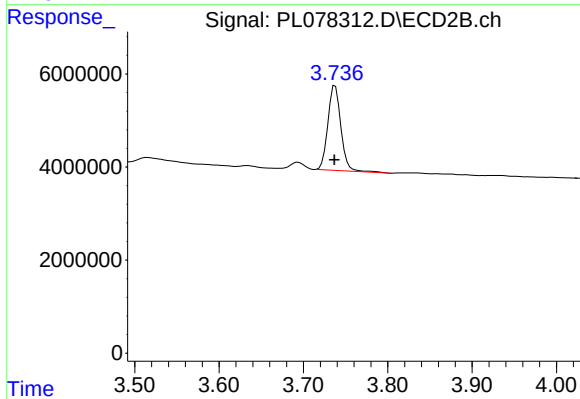
#3 gamma-BHC (Lindane)

R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 42139005
Conc: 12.09 ng/ml



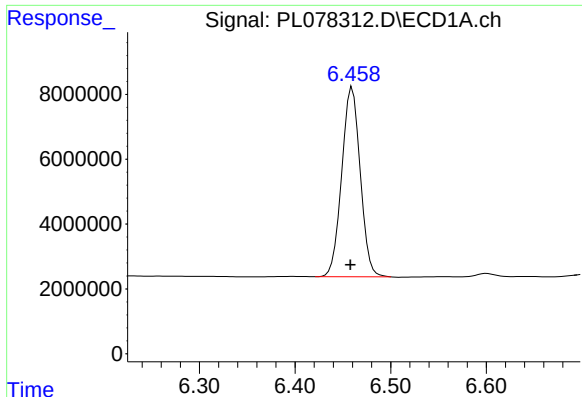
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.001 min
Response: 11791992
Conc: 11.86 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 19675357
Conc: 13.35 ng/ml



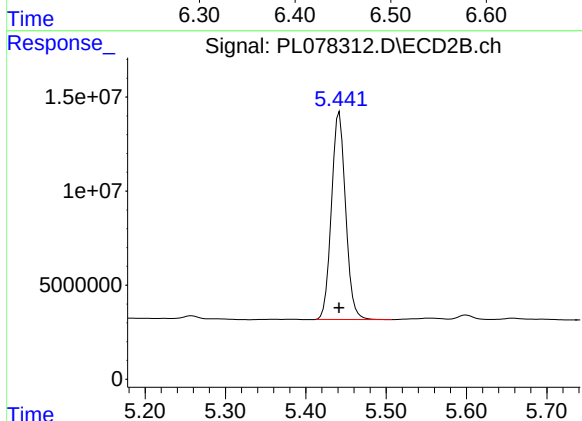
#14 Endrin

R.T.: 6.460 min
Delta R.T.: 0.002 min
Response: 78837186
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

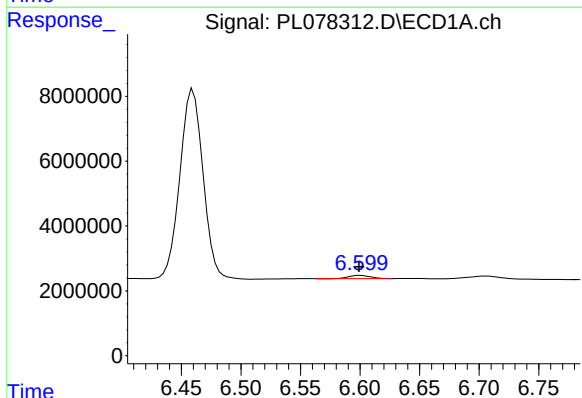
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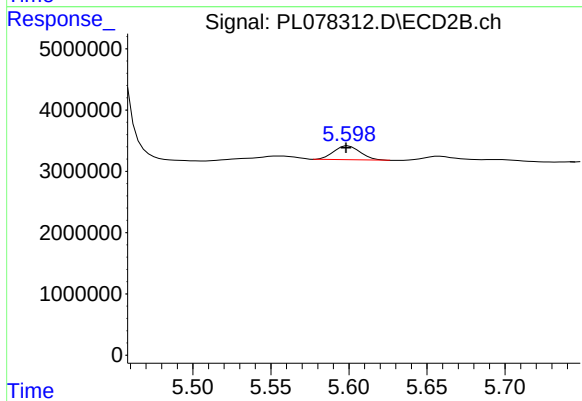
#14 Endrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 135051730
Conc: 58.63 ng/ml



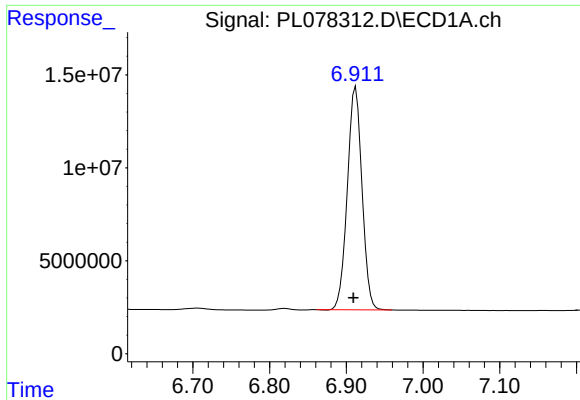
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: 0.001 min
Response: 1234838
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 2659875
Conc: 1.19 ng/ml m



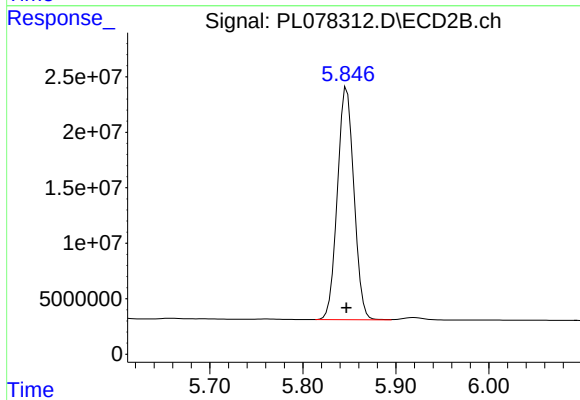
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.003 min
Response: 160293903
Conc: 109.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

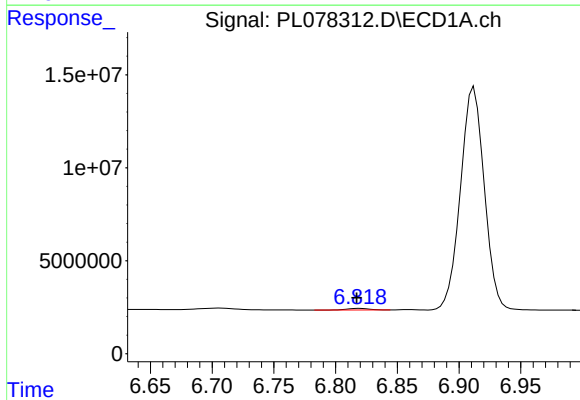
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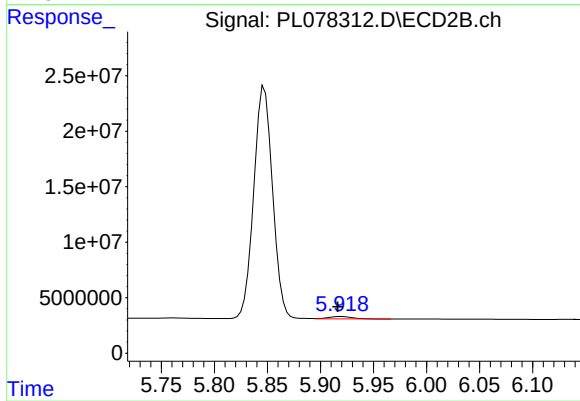
#17 4,4'-DDT

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 258474598
Conc: 113.87 ng/ml



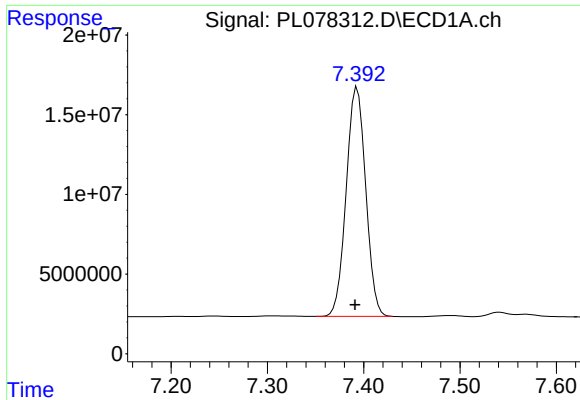
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 1070108
Conc: 0.94 ng/ml



#18 Endrin aldehyde

R.T.: 5.919 min
Delta R.T.: 0.003 min
Response: 3256333
Conc: 1.76 ng/ml



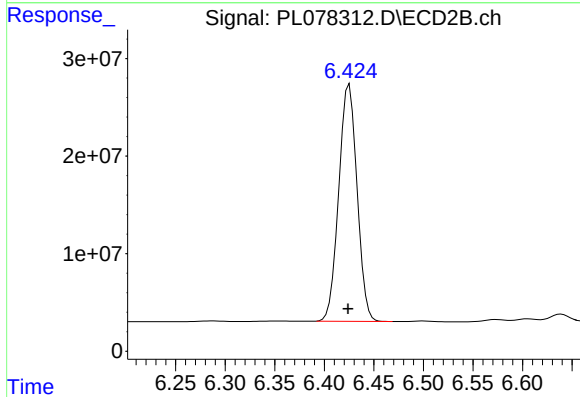
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 201644709
Conc: 266.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

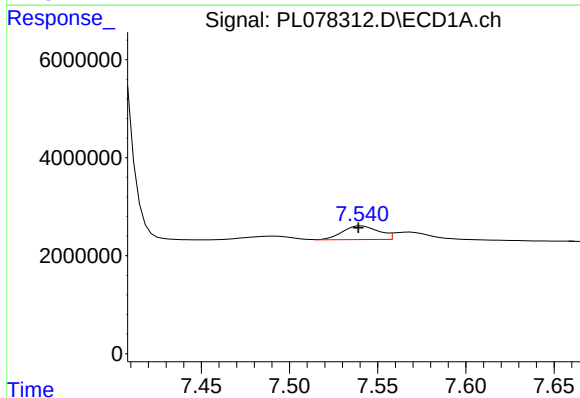
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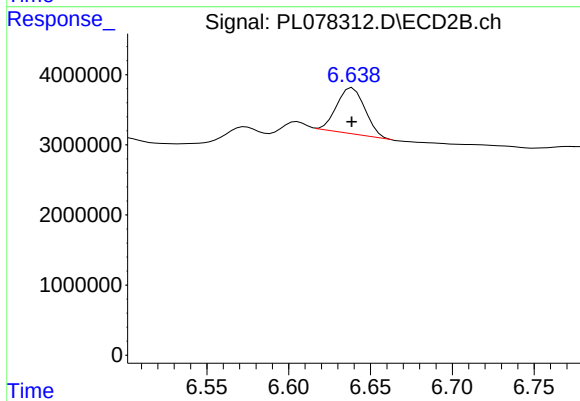
#20 Methoxychlor

R.T.: 6.425 min
Delta R.T.: 0.001 min
Response: 311860135
Conc: 246.92 ng/ml



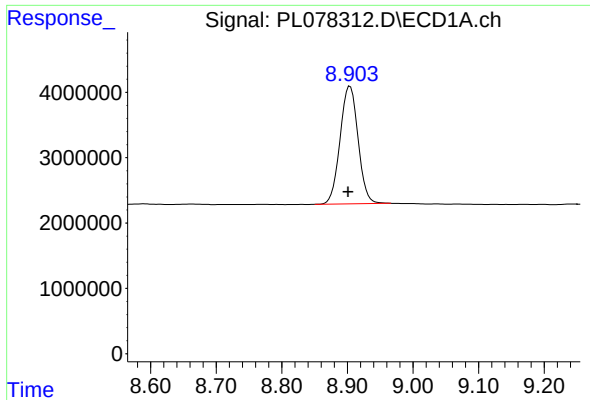
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 4310785
Conc: 2.76 ng/ml m



#21 Endrin ketone

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 7815835
Conc: 2.95 ng/ml m



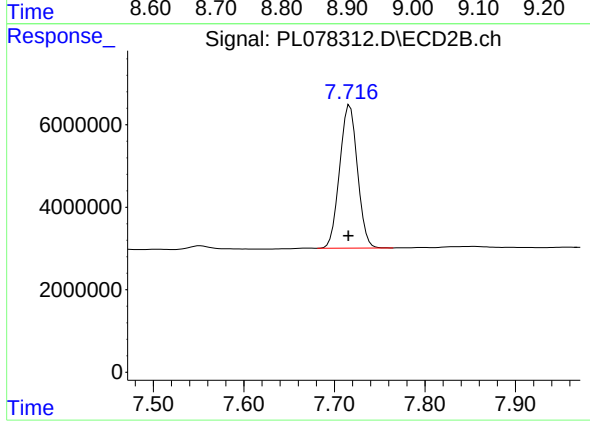
#28 Decachlorobiphenyl

R.T.: 8.904 min
Delta R.T.: 0.003 min
Response: 34338723
Conc: 22.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.717 min
Delta R.T.: 0.002 min
Response: 47429457
Conc: 21.82 ng/ml