

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012422\
 Data File : PL072200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2022 19:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/25/2022
 Supervised By : Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 02:09:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.555	5.492	12712655	37930887	22.898	23.355
28)	SA Decachlor...	10.320	11.388	19168896	34709730	21.576	21.512
Target Compounds							
2)	A alpha-BHC	5.262	6.074	7691700	25711461	9.948	10.656
3)	MA gamma-BHC...	5.685	6.470	7779241	24035036	10.317	10.681
6)	B beta-BHC	6.070	6.730	4846966	12277362	14.663	12.400
12)	B 4,4'-DDE	7.555	8.494	264909	779408	0.367	0.412m
14)	MA Endrin	7.974	8.888	34458753	80905041	49.180	48.796
16)	A 4,4'-DDD	8.142	9.034	4513293	11306950	7.699	7.908m
17)	MA 4,4'-DDT	8.403	9.352	62518618	146.2E6	94.145	92.506
18)	B Endrin al...	8.474	9.259	852531	1874102	1.496m	1.510
20)	A Methoxychlor	8.999	9.840	85129191	180.8E6	201.778	218.302
21)	B Endrin ke...	9.224	9.993	3923803	6735436	4.712	4.070

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

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Acq On : 24 Jan 2022 19:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

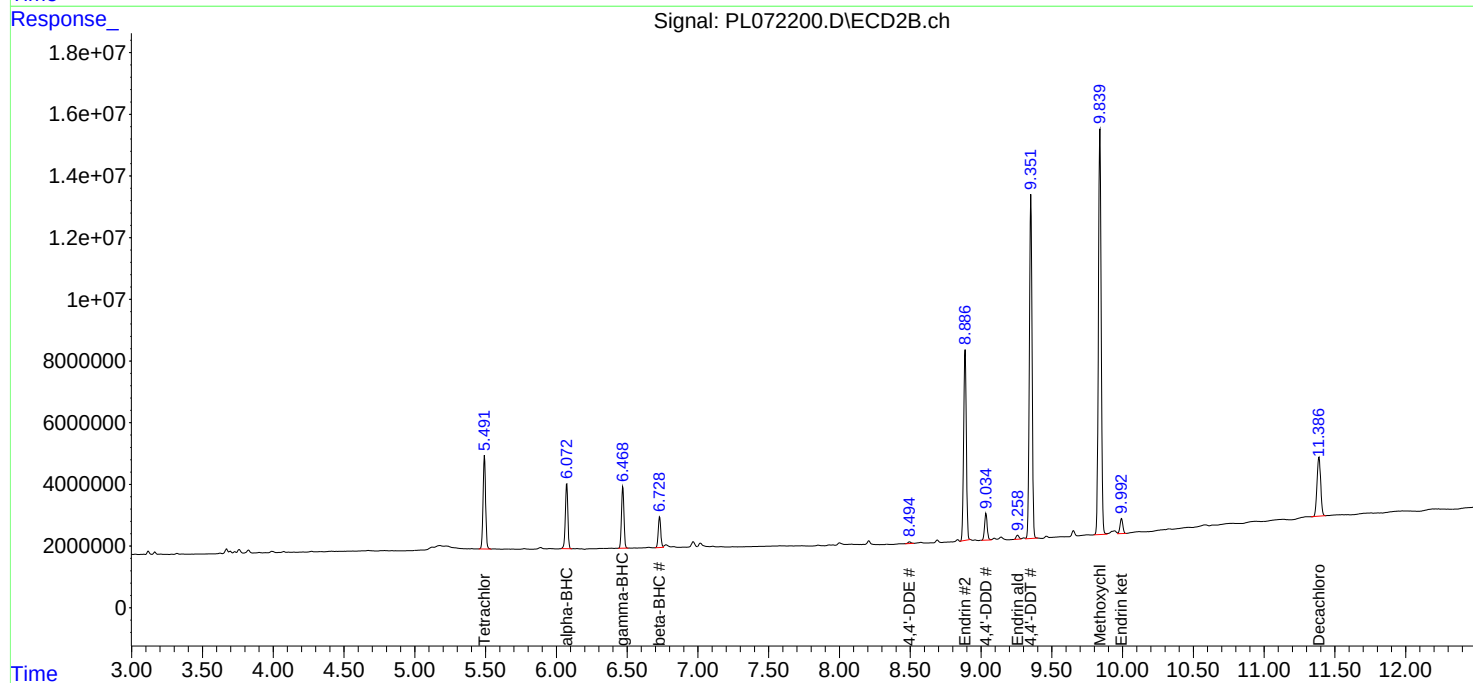
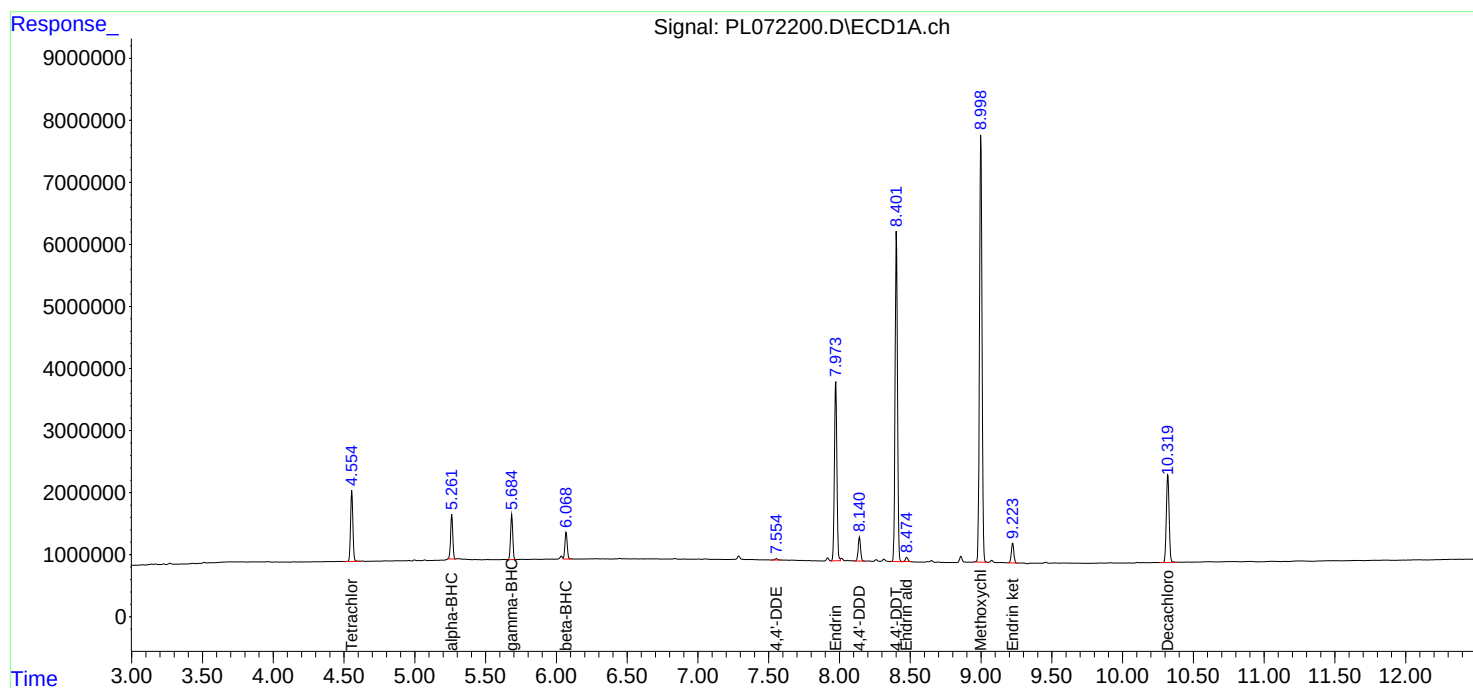
Instrument :
ECD_L
ClientSampleId :
PEM

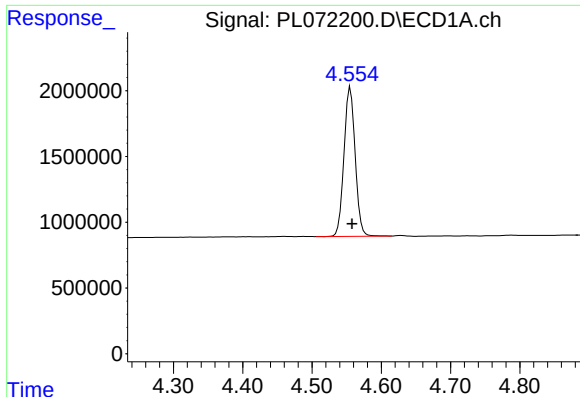
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Integration File signal 1: autoint1.e
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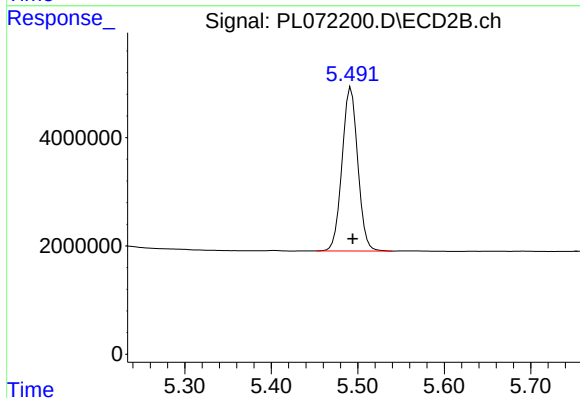
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 12712655
Conc: 22.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

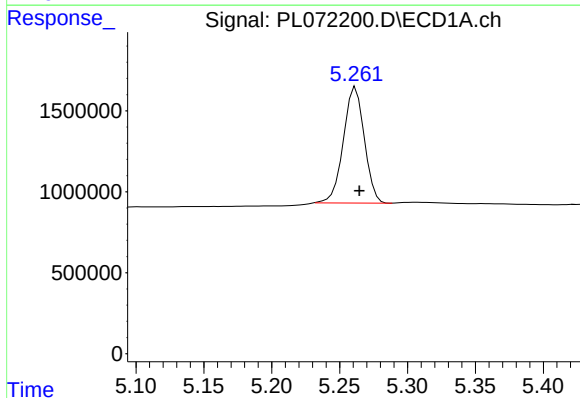
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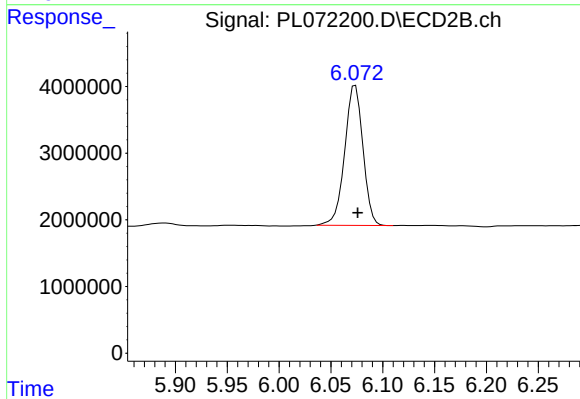
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 37930887
Conc: 23.35 ng/ml



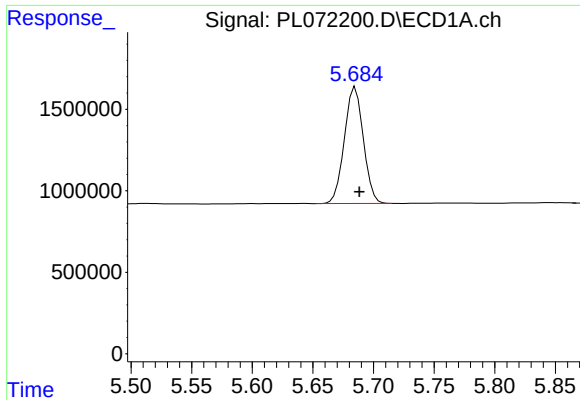
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 7691700
Conc: 9.95 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 25711461
Conc: 10.66 ng/ml



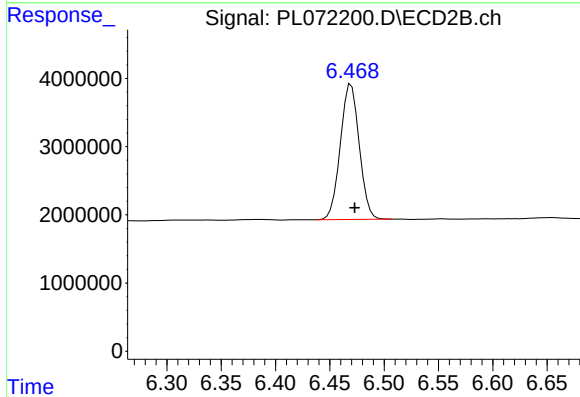
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 7779241
Conc: 10.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

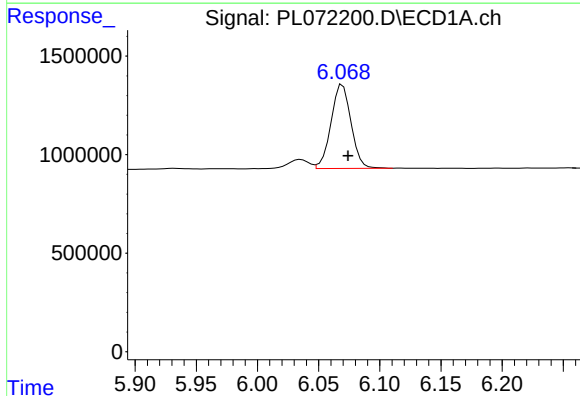
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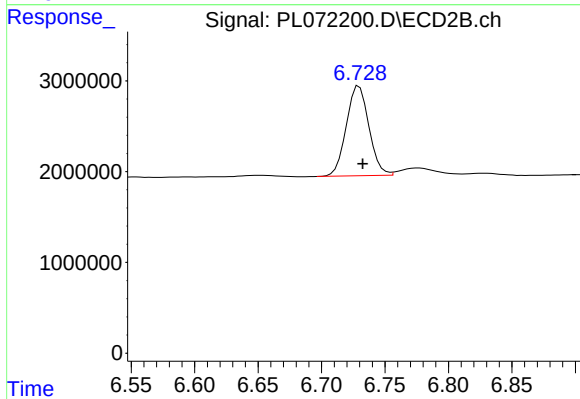
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 24035036
Conc: 10.68 ng/ml



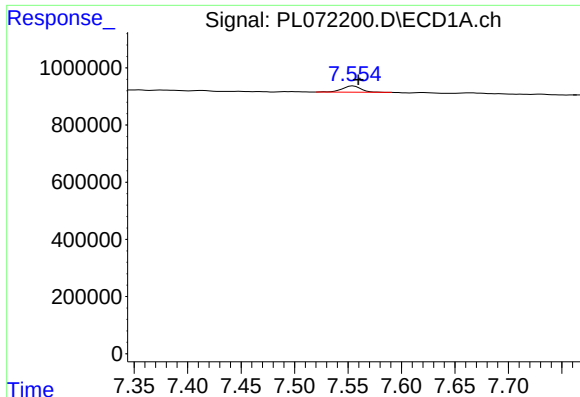
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 4846966
Conc: 14.66 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 12277362
Conc: 12.40 ng/ml



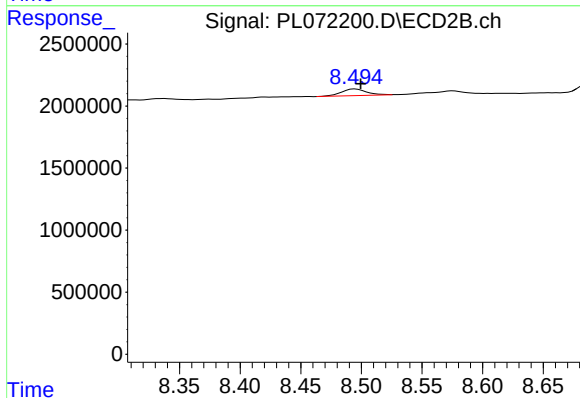
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 264909
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

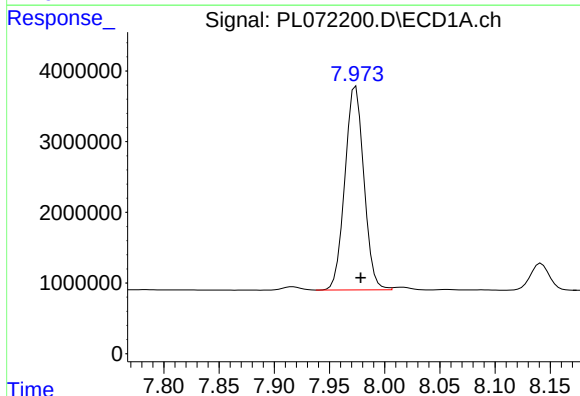
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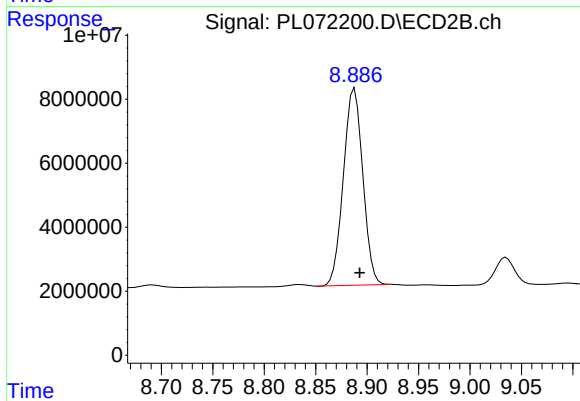
#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 779408
Conc: 0.41 ng/ml m



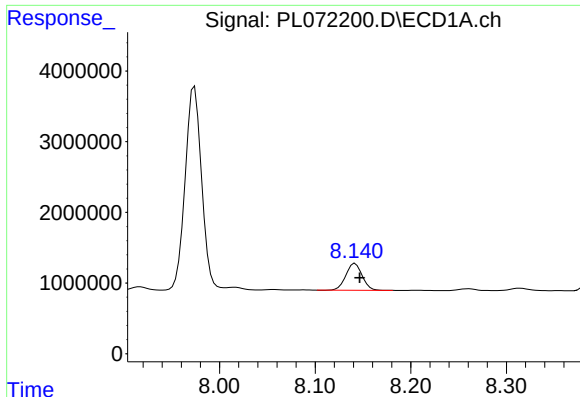
#14 Endrin

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 34458753
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 80905041
Conc: 48.80 ng/ml



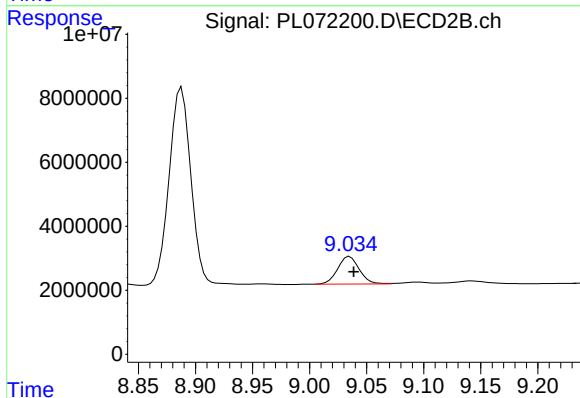
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 4513293
Conc: 7.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

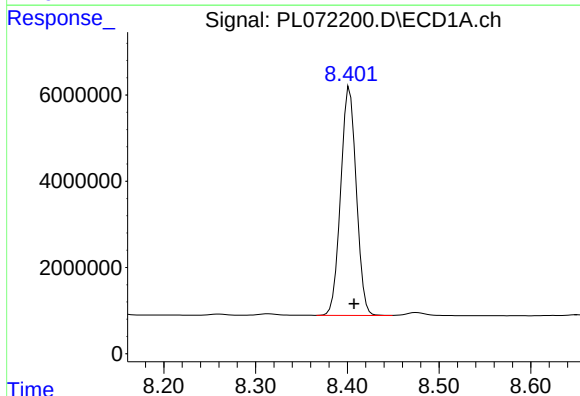
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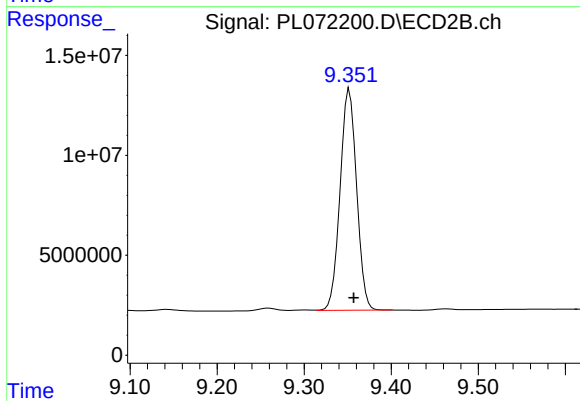
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 11306950
Conc: 7.91 ng/ml m



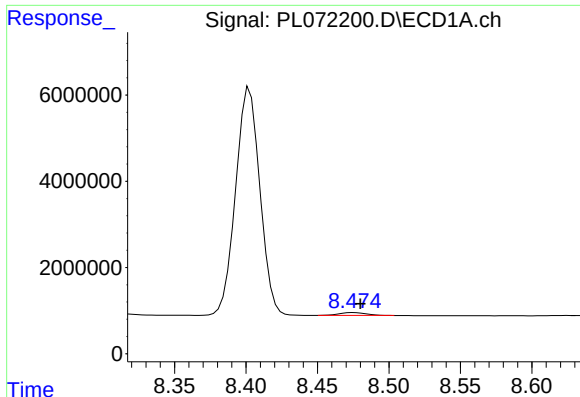
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.005 min
Response: 62518618
Conc: 94.14 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.005 min
Response: 146209499
Conc: 92.51 ng/ml



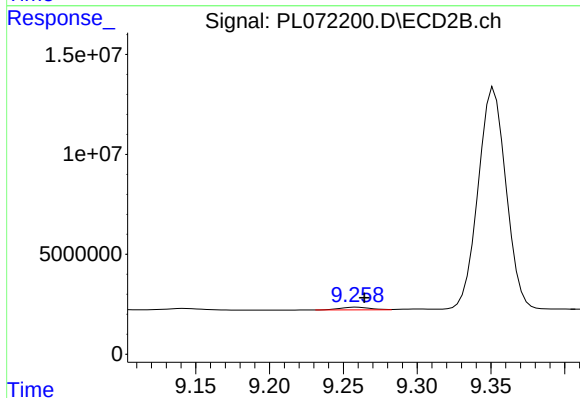
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 852531
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

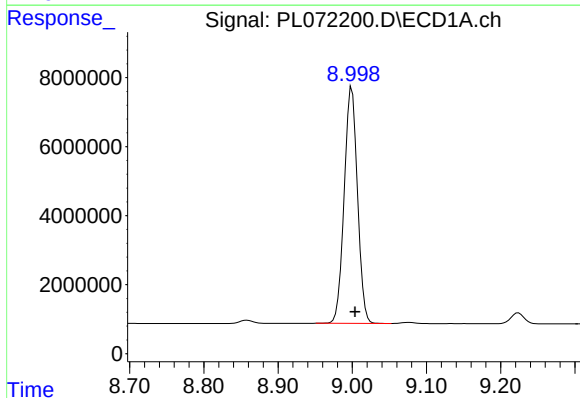
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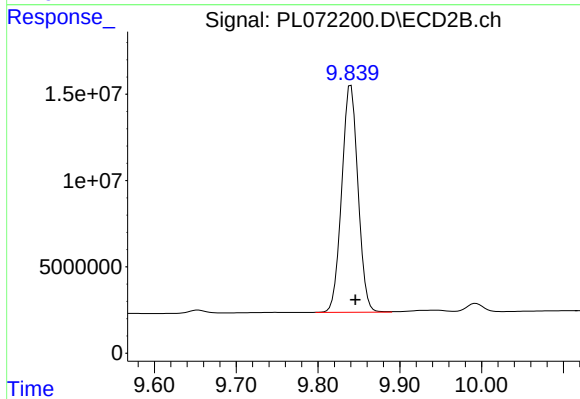
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: -0.005 min
Response: 1874102
Conc: 1.51 ng/ml



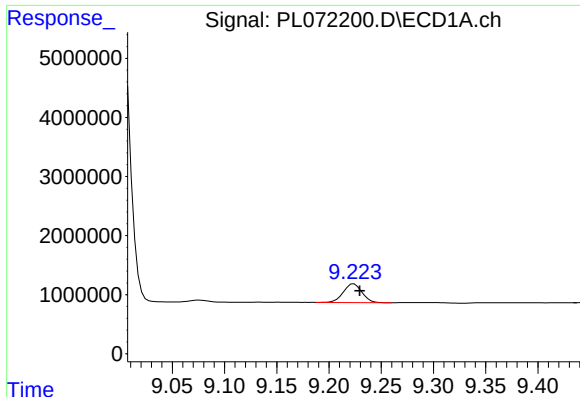
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 85129191
Conc: 201.78 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.005 min
Response: 180830303
Conc: 218.30 ng/ml



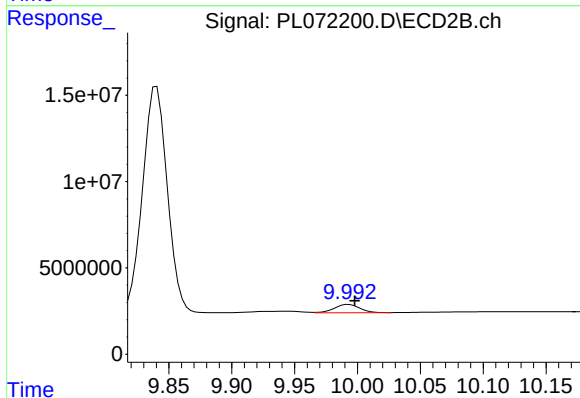
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: -0.006 min
Response: 3923803
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

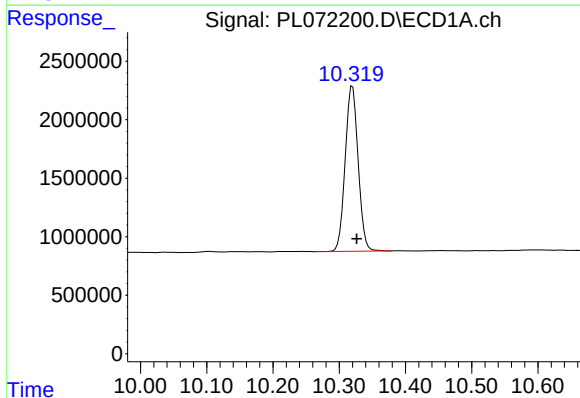
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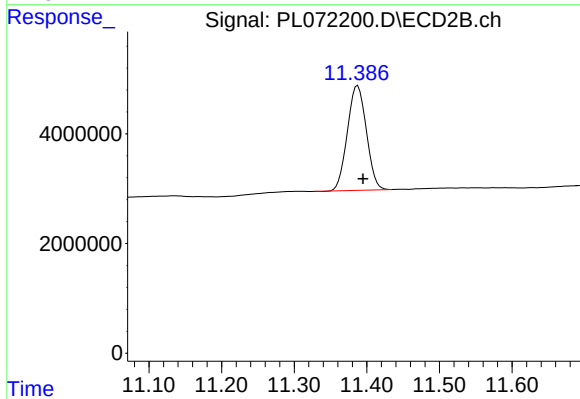
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 6735436
Conc: 4.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.006 min
Response: 19168896
Conc: 21.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 34709730
Conc: 21.51 ng/ml