

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021422\
 Data File : PL072645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2022 09:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2022
 Supervised By : Ankita Jodhani 02/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 03:43:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.556	5.492	10614530	36531498	22.044	21.148
28)	SA Decachlor...	10.317	11.385	17984048	36864561	23.755	23.247
Target Compounds							
2)	A alpha-BHC	5.262	6.074	6560265	23997057	9.950	10.021
3)	MA gamma-BHC...	5.685	6.470	6419515	23488971	10.214	10.202
6)	B beta-BHC	6.070	6.730	3577480	12717951	14.438	12.476
12)	B 4,4'-DDE	7.554	8.494	225748	606816	0.371	0.325
14)	MA Endrin	7.972	8.887	33903648	86589361	57.875	54.955
16)	A 4,4'-DDD	8.141	9.034	844176	2407461	1.755	1.740
17)	MA 4,4'-DDT	8.401	9.351	68708525	182.0E6	127.692	118.893
18)	B Endrin al...	8.474	9.258	533647	918451	1.224m	0.816m#
20)	A Methoxychlor	8.997	9.839	91544744	213.0E6	260.348	263.090
21)	B Endrin ke...	9.222	9.991	1578376	2593962	2.297	1.628m#

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

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Acq On : 14 Feb 2022 09:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

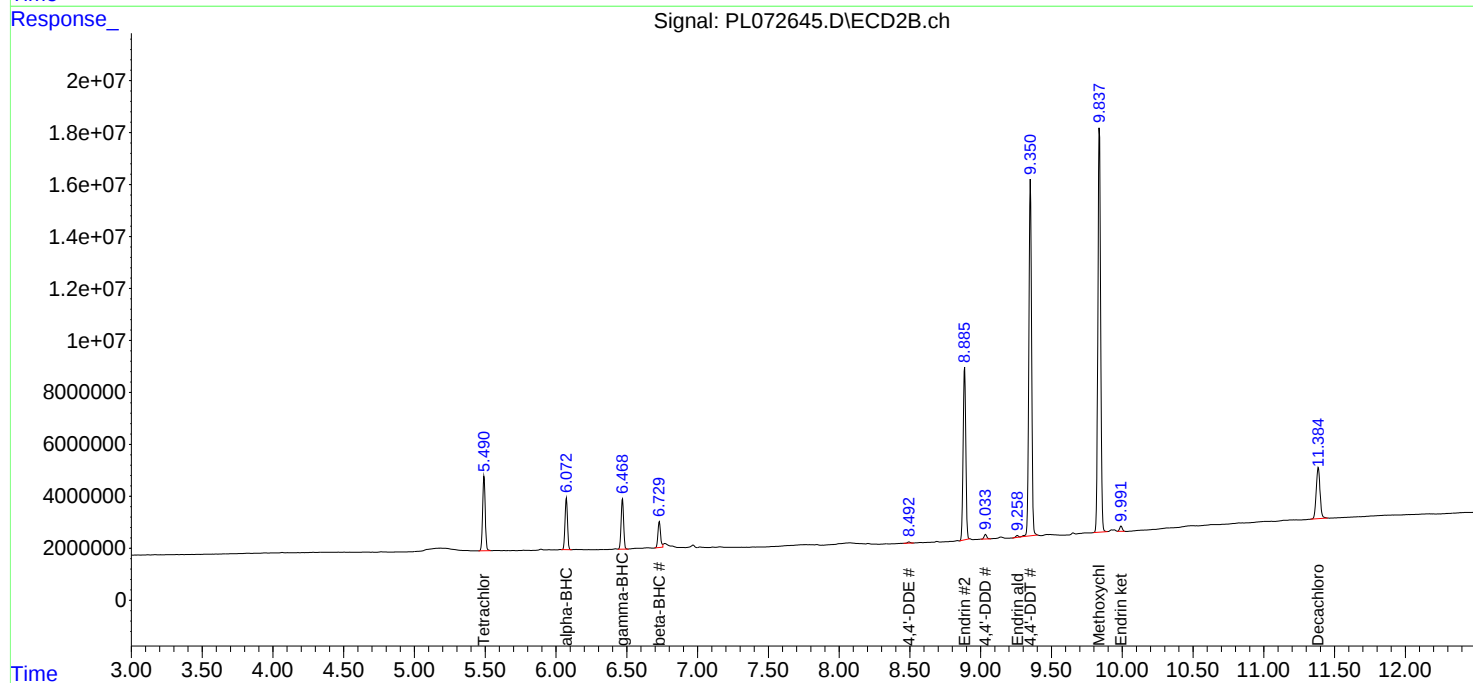
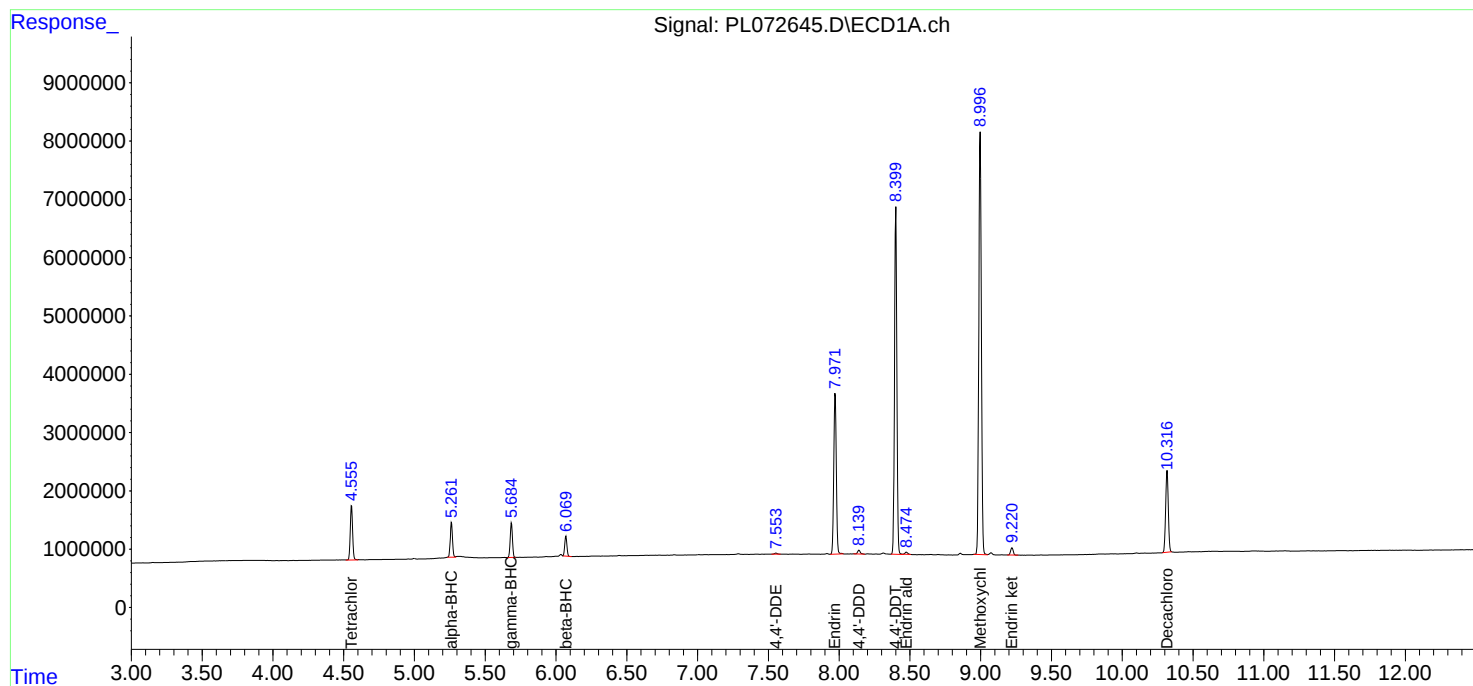
Instrument :
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ClientSampleId :
PEM

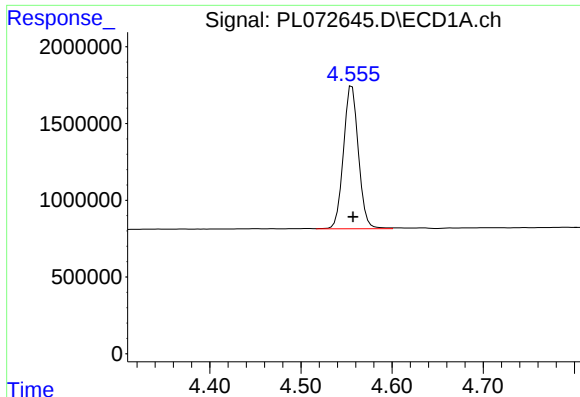
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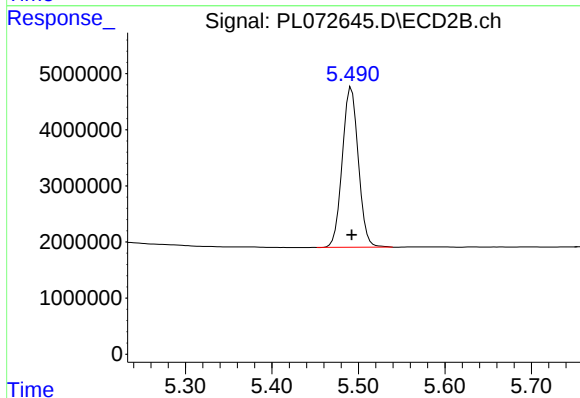
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 10614530
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

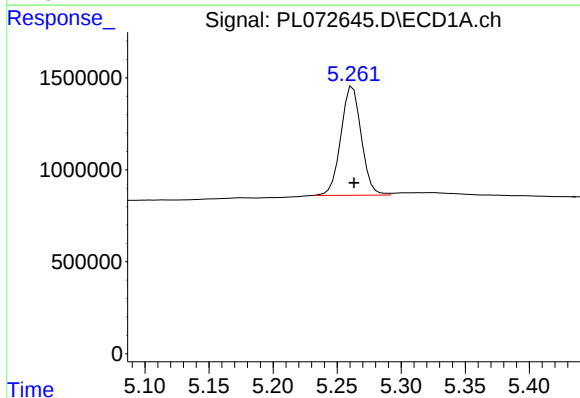
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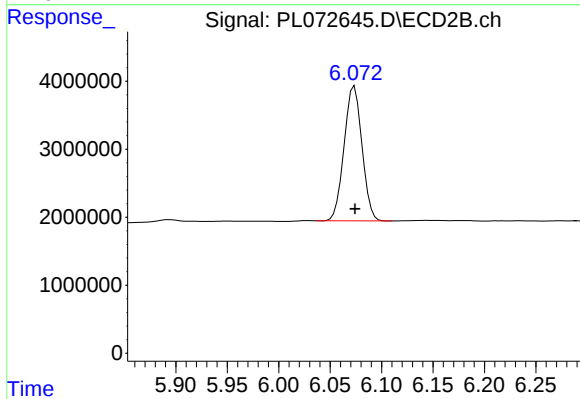
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 36531498
Conc: 21.15 ng/ml



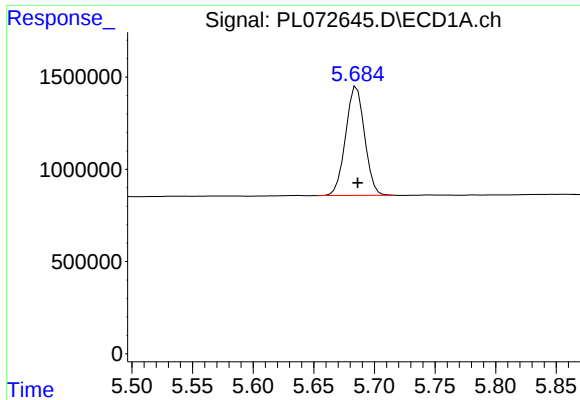
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 6560265
Conc: 9.95 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 23997057
Conc: 10.02 ng/ml



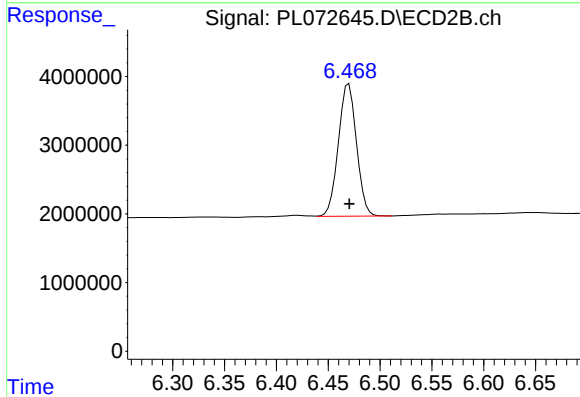
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 6419515
Conc: 10.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

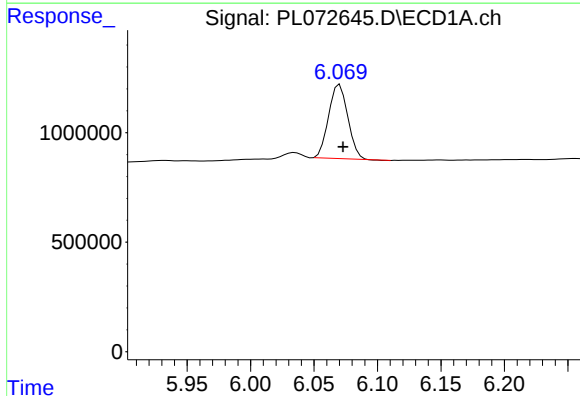
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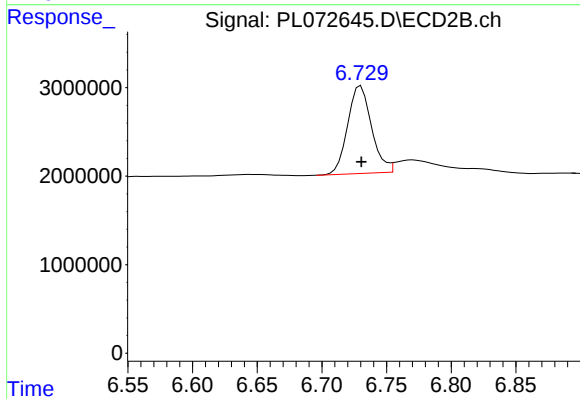
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 23488971
Conc: 10.20 ng/ml



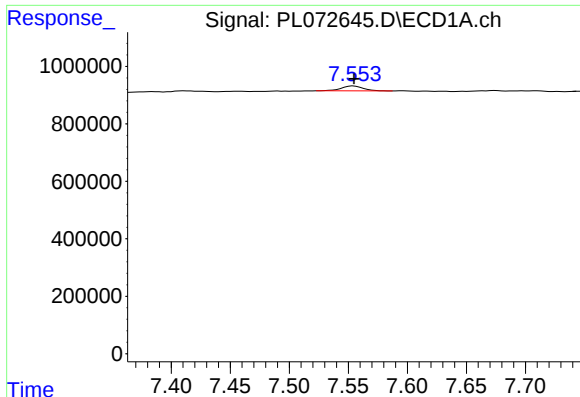
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 3577480
Conc: 14.44 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 12717951
Conc: 12.48 ng/ml



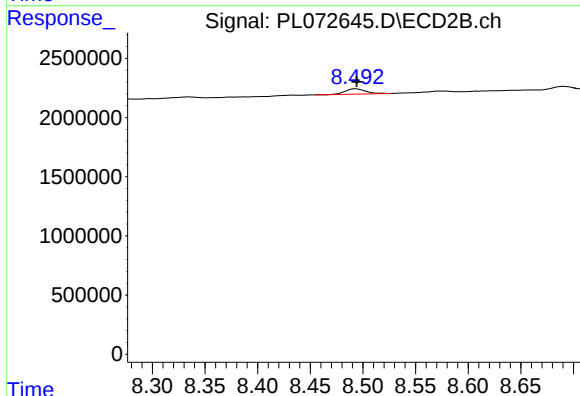
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 225748
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

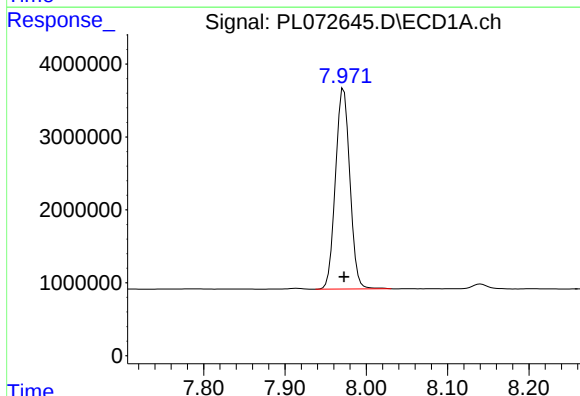
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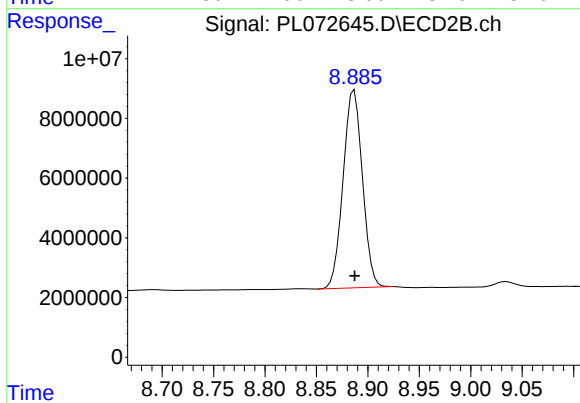
#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 606816
Conc: 0.32 ng/ml



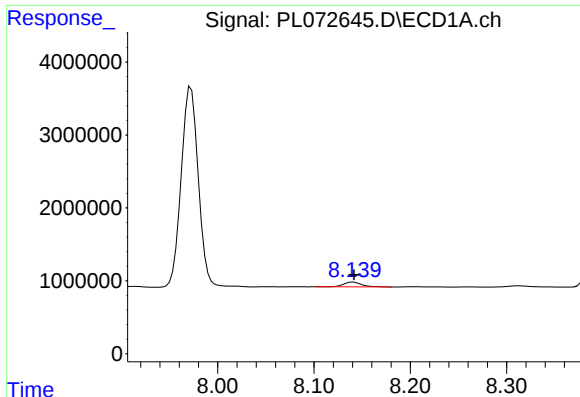
#14 Endrin

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 33903648
Conc: 57.88 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 86589361
Conc: 54.95 ng/ml



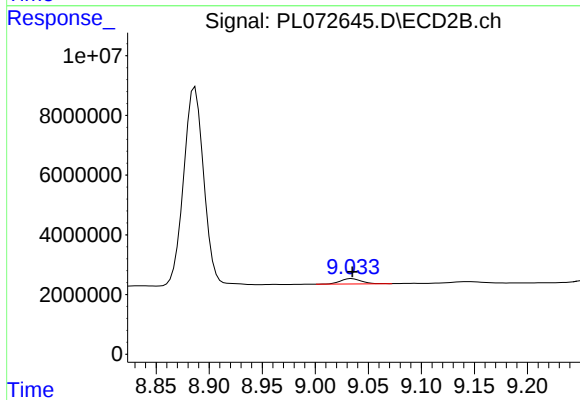
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 844176
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

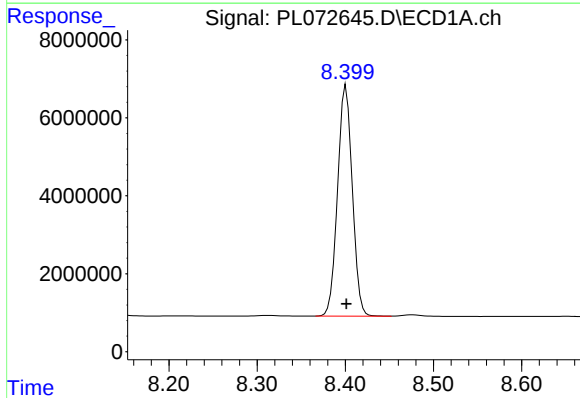
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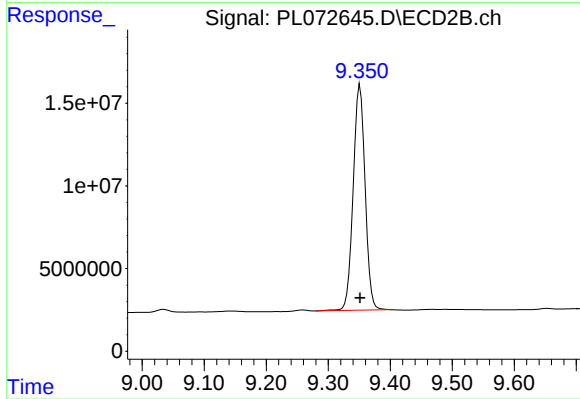
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2407461
Conc: 1.74 ng/ml



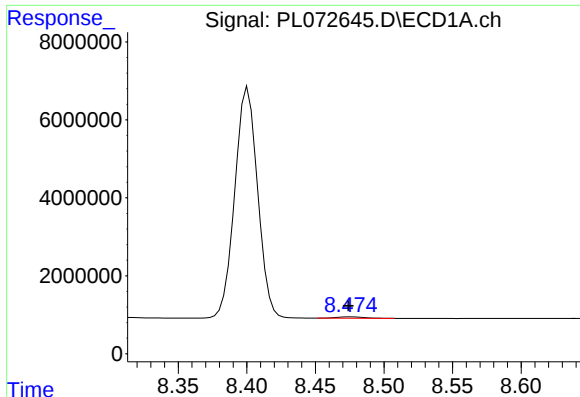
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 68708525
Conc: 127.69 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 182007397
Conc: 118.89 ng/ml



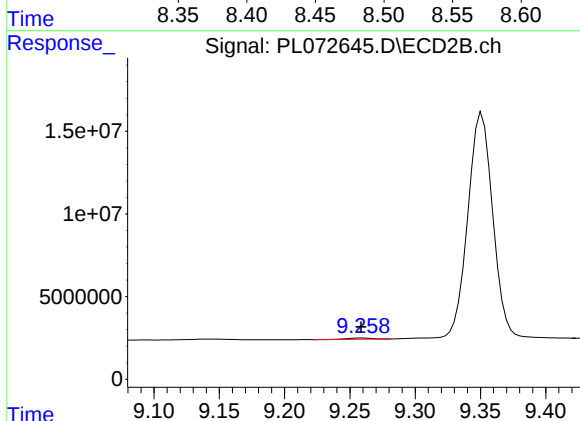
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 533647
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

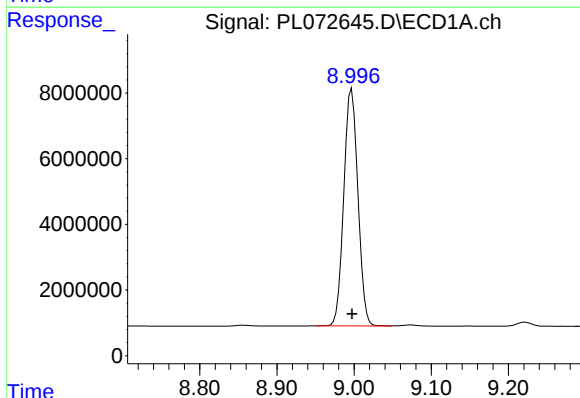
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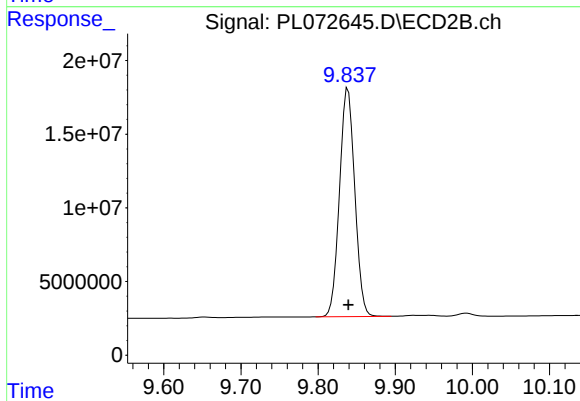
#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 918451
Conc: 0.82 ng/ml m



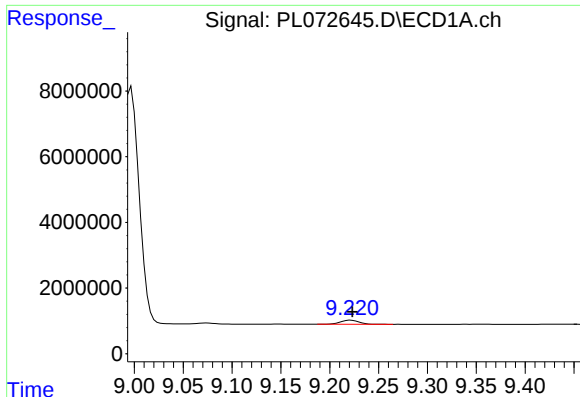
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 91544744
Conc: 260.35 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 213011392
Conc: 263.09 ng/ml



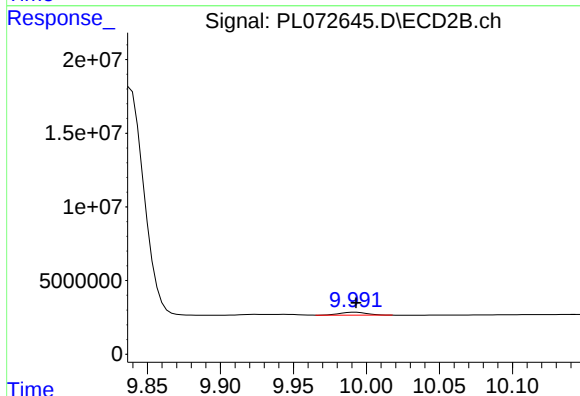
#21 Endrin ketone

R.T.: 9.222 min
Delta R.T.: -0.002 min
Response: 1578376
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

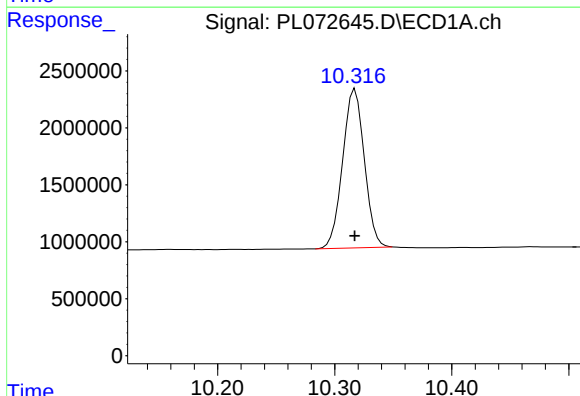
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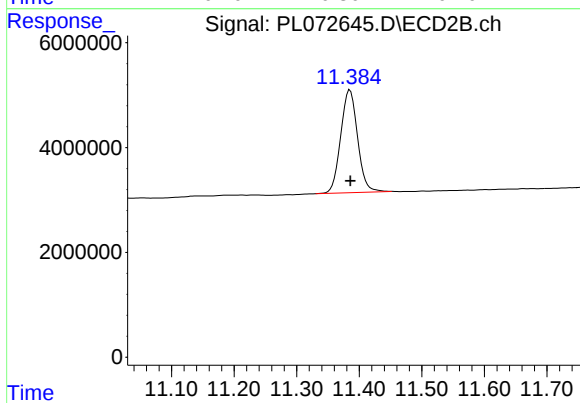
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 2593962
Conc: 1.63 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 17984048
Conc: 23.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 36864561
Conc: 23.25 ng/ml