

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021422\
 Data File : PL072671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2022 20:56
 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 03:50:47 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...	4.554	5.490	10786049	37190496	22.401	21.530
28)	SA Decachlor...	10.314	11.382	18840014	39818882	24.886	25.110
Target Compounds							
2)	A alpha-BHC	5.260	6.071	6538785	23701421	9.917	9.897
3)	MA gamma-BHC...	5.684	6.467	6528217	23857929	10.387	10.362
6)	B beta-BHC	6.067	6.728	3731277	12631276	15.058m	12.391
12)	B 4,4'-DDE	7.552	8.491	229523	640876	0.378	0.343
14)	MA Endrin	7.970	8.883	34869916	89864229	59.525	57.033
16)	A 4,4'-DDD	8.138	9.031	1262865	3814923	2.625	2.757
17)	MA 4,4'-DDT	8.398	9.348	70293254	179.7E6	130.637	117.374
18)	B Endrin al...	8.470	9.255	708482	1361130	1.625m	1.209 #
20)	A Methoxychlor	8.995	9.836	96363858	225.0E6	274.054	277.861
21)	B Endrin ke...	9.219	9.989	1908255	3607326	2.777	2.264

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

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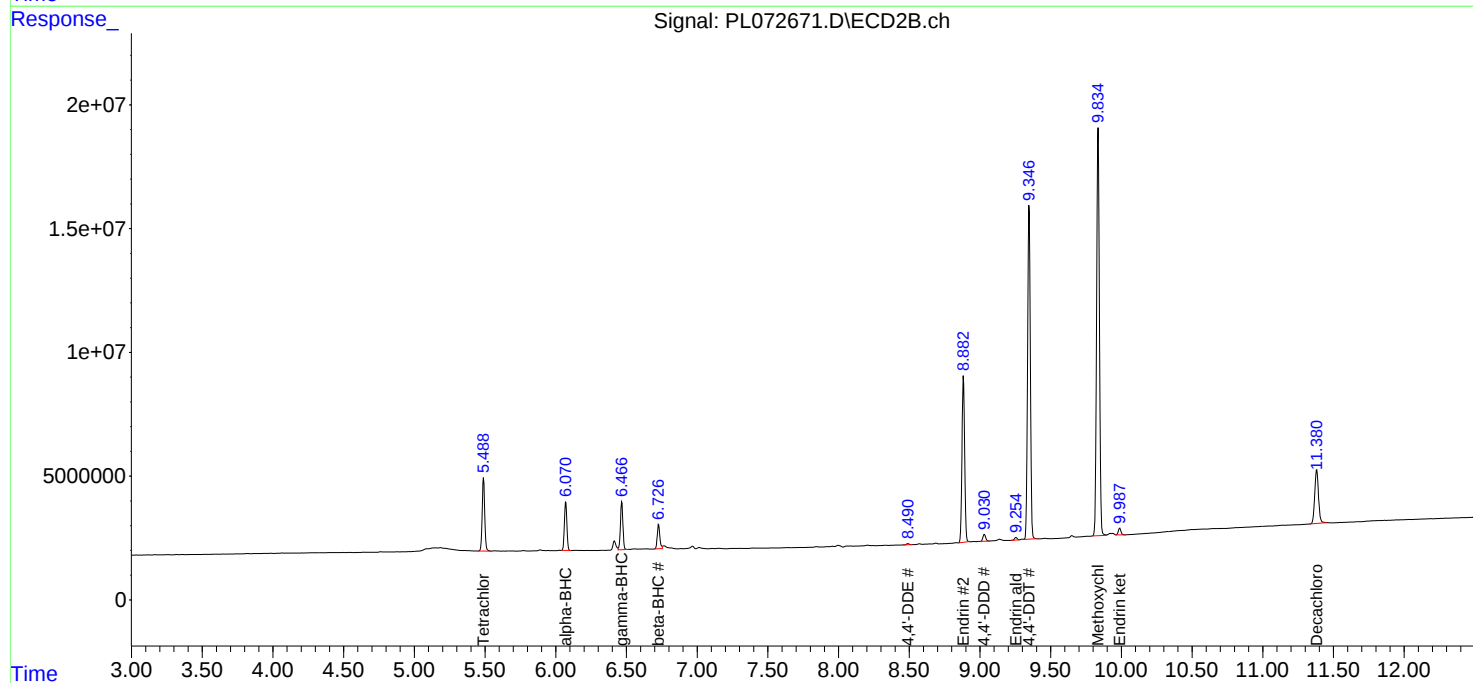
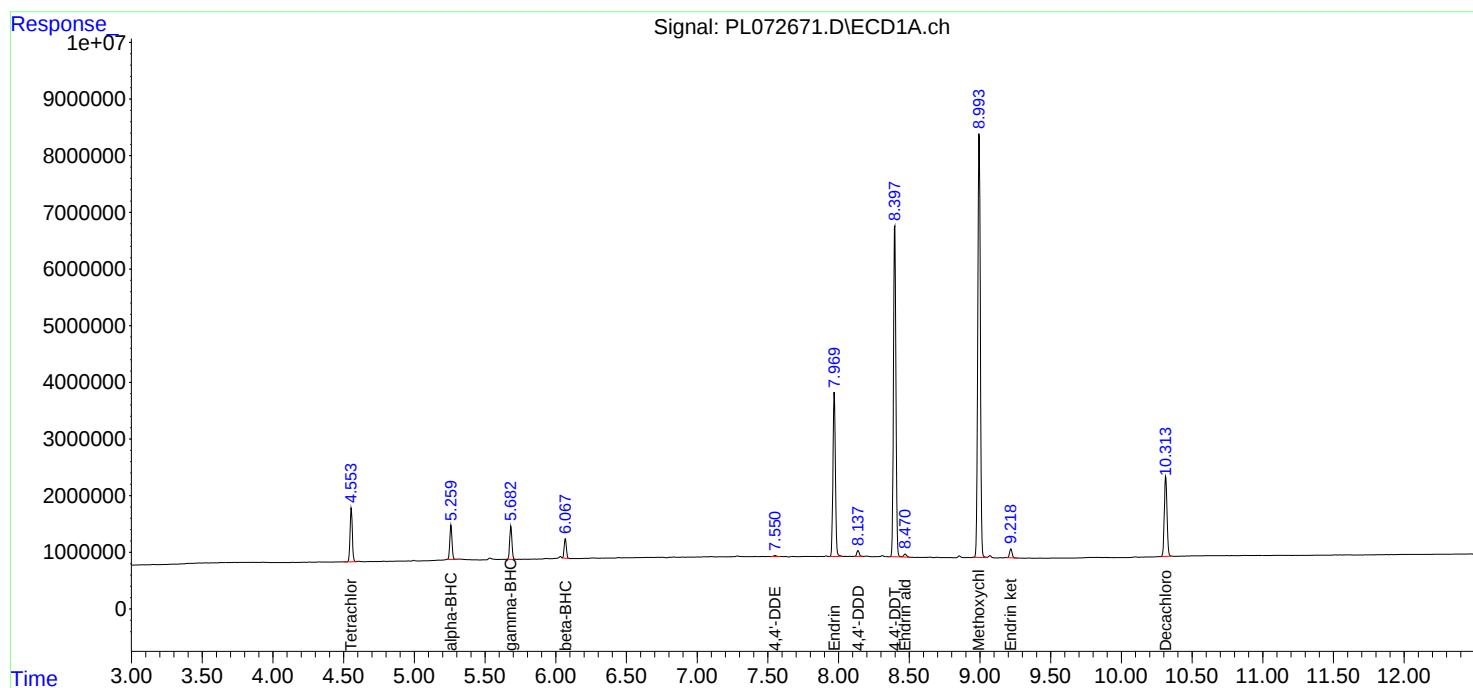
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ECD_L
ClientSampleId :
PEM

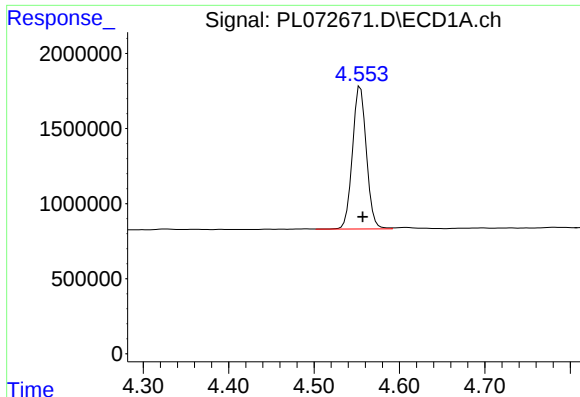
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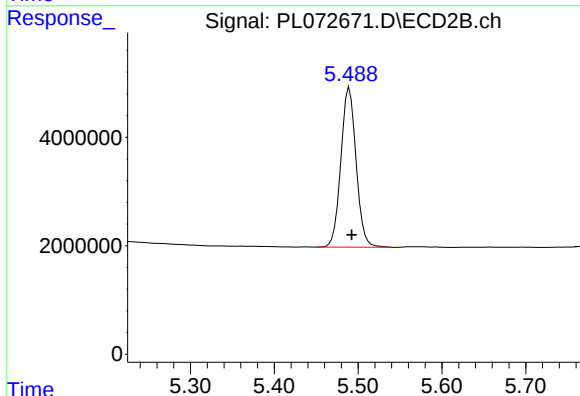
#1 Tetrachloro-m-xylene

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 10786049
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

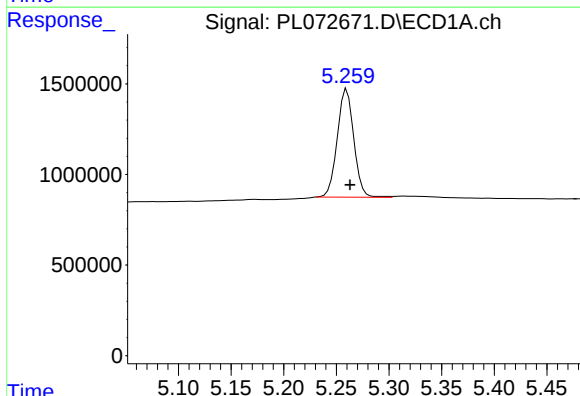
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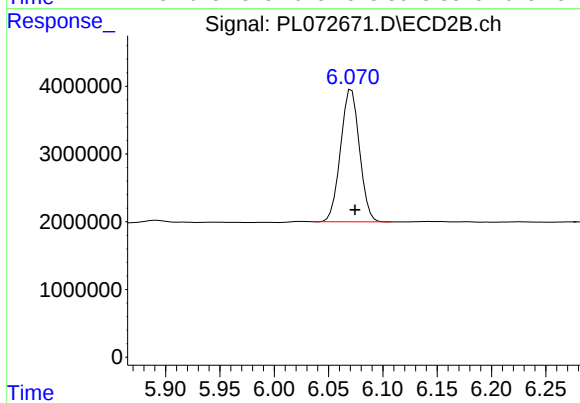
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 37190496
Conc: 21.53 ng/ml



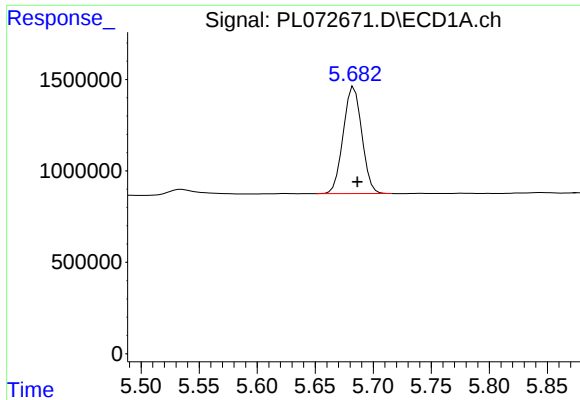
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 6538785
Conc: 9.92 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 23701421
Conc: 9.90 ng/ml



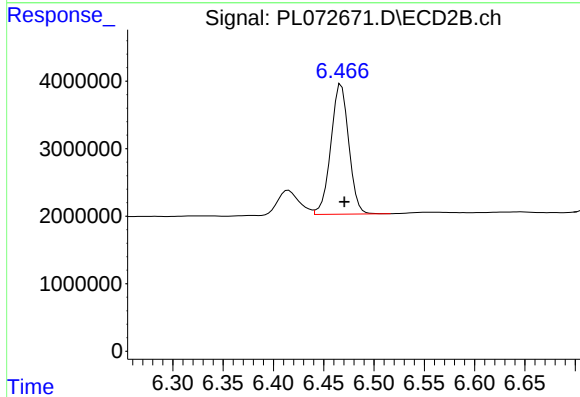
#3 gamma-BHC (Lindane)

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 6528217
Conc: 10.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

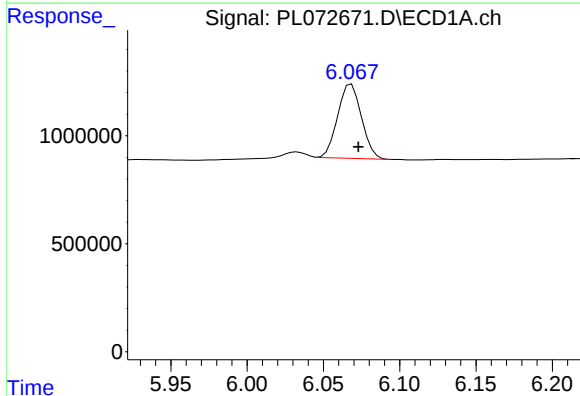
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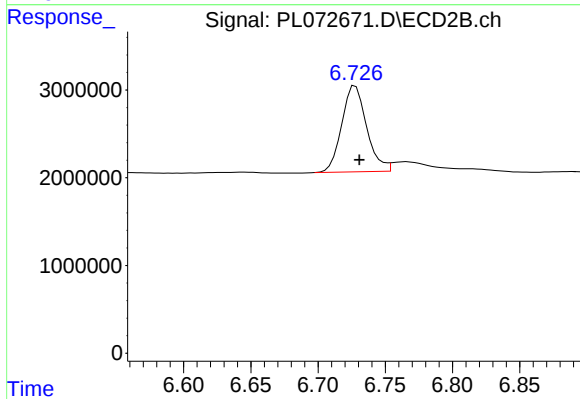
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 23857929
Conc: 10.36 ng/ml



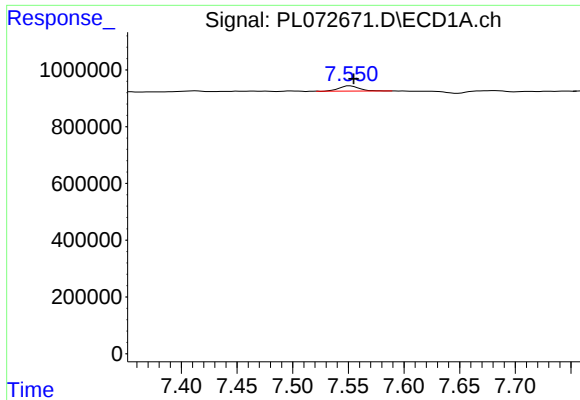
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 3731277
Conc: 15.06 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 12631276
Conc: 12.39 ng/ml



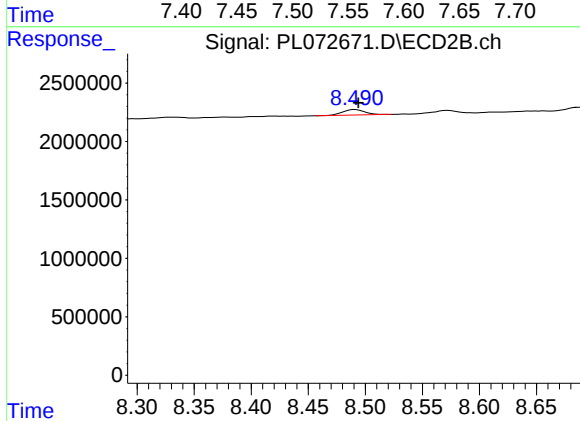
#12 4,4'-DDE

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 229523
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

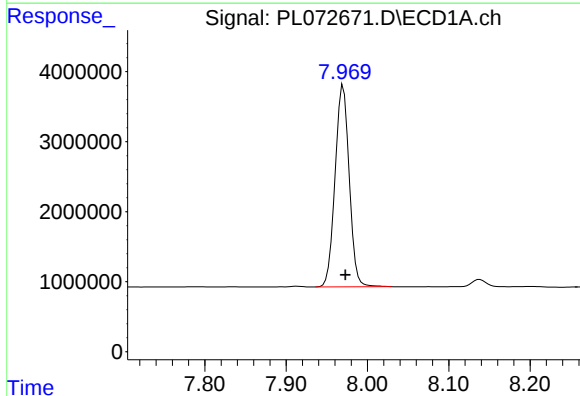
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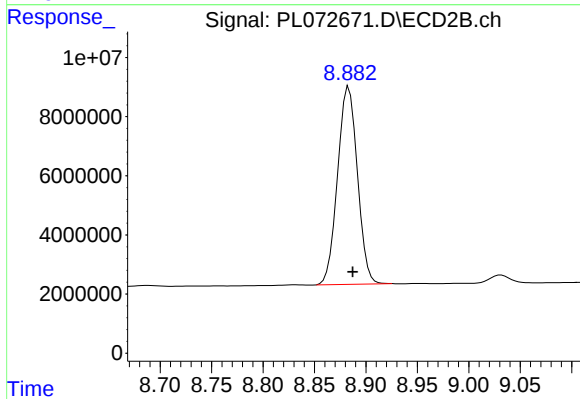
#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 640876
Conc: 0.34 ng/ml



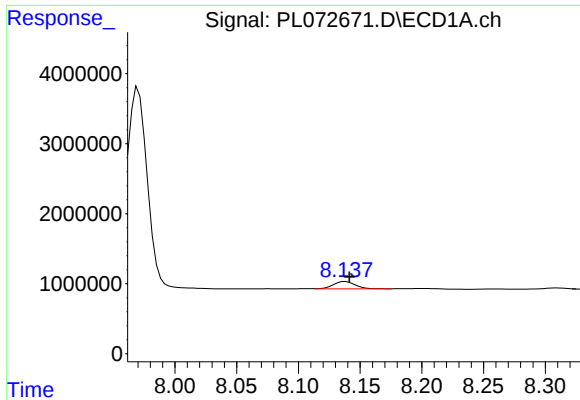
#14 Endrin

R.T.: 7.970 min
Delta R.T.: -0.002 min
Response: 34869916
Conc: 59.52 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 89864229
Conc: 57.03 ng/ml



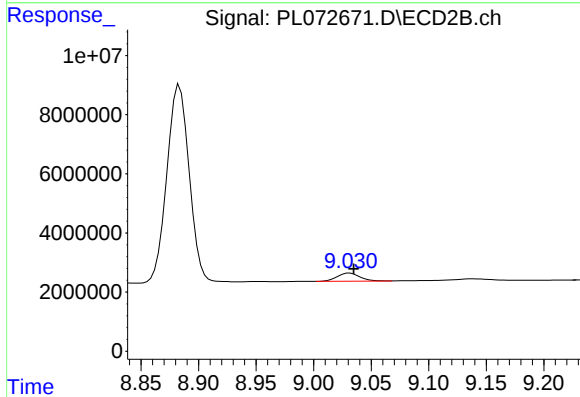
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 1262865
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

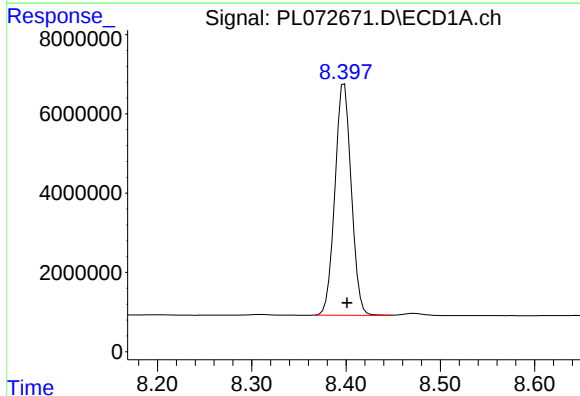
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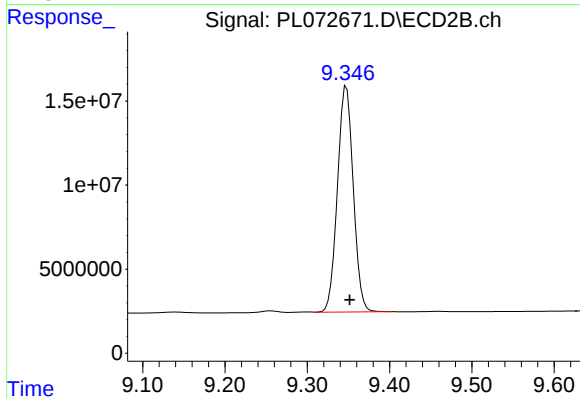
#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 3814923
Conc: 2.76 ng/ml



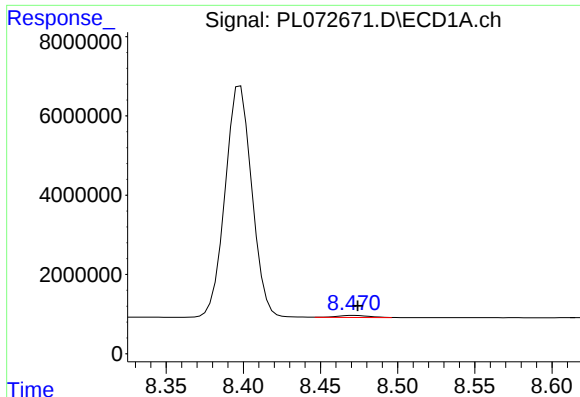
#17 4,4'-DDT

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 70293254
Conc: 130.64 ng/ml



#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 179682565
Conc: 117.37 ng/ml



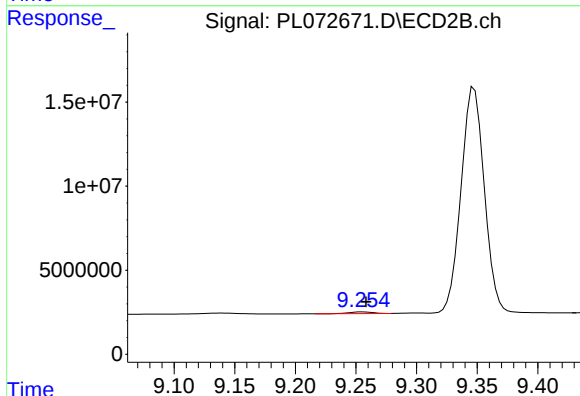
#18 Endrin aldehyde

R.T.: 8.470 min
Delta R.T.: -0.004 min
Response: 708482
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

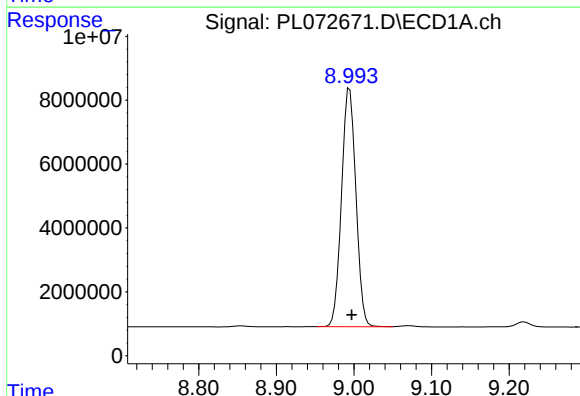
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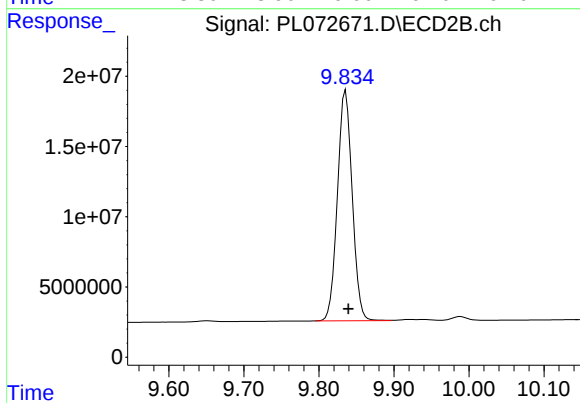
#18 Endrin aldehyde

R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 1361130
Conc: 1.21 ng/ml



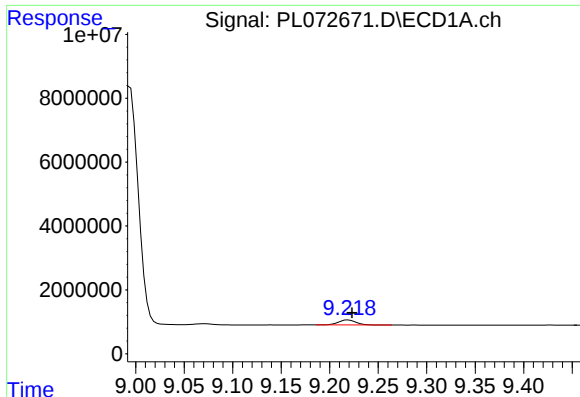
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.003 min
Response: 96363858
Conc: 274.05 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.004 min
Response: 224970947
Conc: 277.86 ng/ml



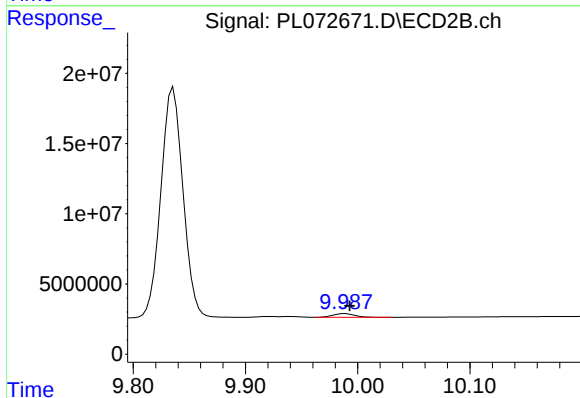
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.004 min
Response: 1908255
Conc: 2.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

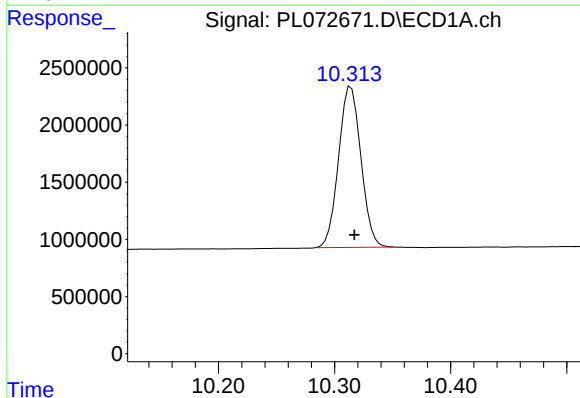
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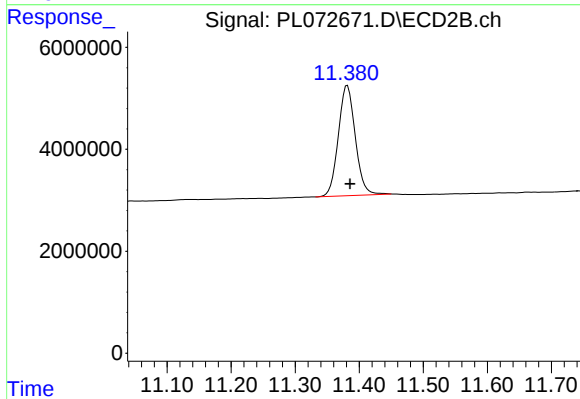
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 3607326
Conc: 2.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.003 min
Response: 18840014
Conc: 24.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 39818882
Conc: 25.11 ng/ml