

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081321\
 Data File : PL068952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2021 10:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 8/16/2021 9:35:14 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 05:44:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 06 03:02:43 2021
 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...	4.636	5.568	8956850	23897791	21.654	23.537
28)	SA Decachlor...	10.405	11.488	13648176	22134505	23.749	22.813
Target Compounds							
2)	A alpha-BHC	5.343	6.148	5587226	15012851	10.101	11.024
3)	MA gamma-BHC...	5.766	6.544	5740670	14360463	10.577	11.037
6)	B beta-BHC	6.145	6.797	3669274	9137149	13.016	14.104
12)	B 4,4'-DDE	7.636	8.566	122464	189980	0.254m	0.180 #
14)	MA Endrin	8.058	8.965	27007989	52222993	56.042	57.534
16)	A 4,4'-DDD	8.224	9.106	1025765	1880795	2.390	2.201
17)	MA 4,4'-DDT	8.485	9.424	53579122	103.6E6	110.321	109.494
18)	B Endrin al...	8.558	9.330	269027	306210	0.717m	0.437m#
20)	A Methoxychlor	9.079	9.909	75502953	131.2E6	241.191	252.119
21)	B Endrin ke...	9.305	10.068	1239419	1724508	2.119	1.694

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

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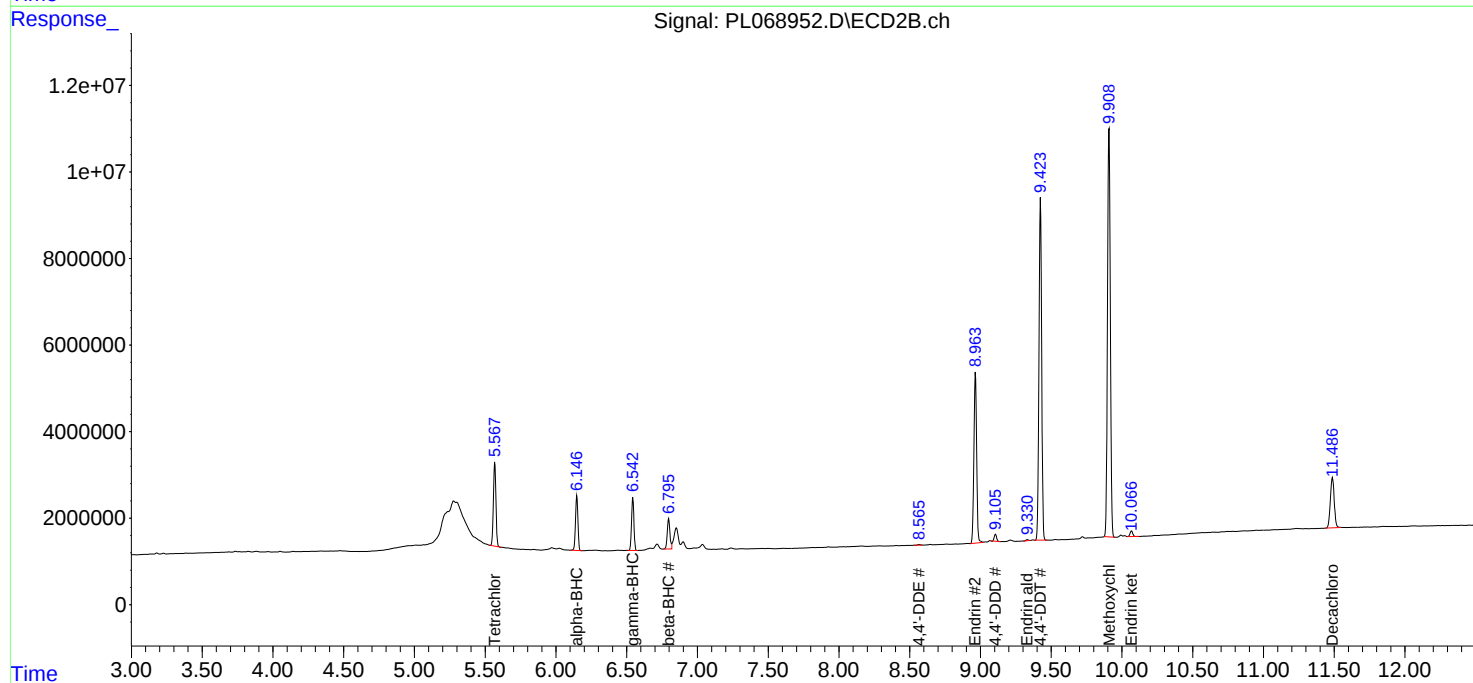
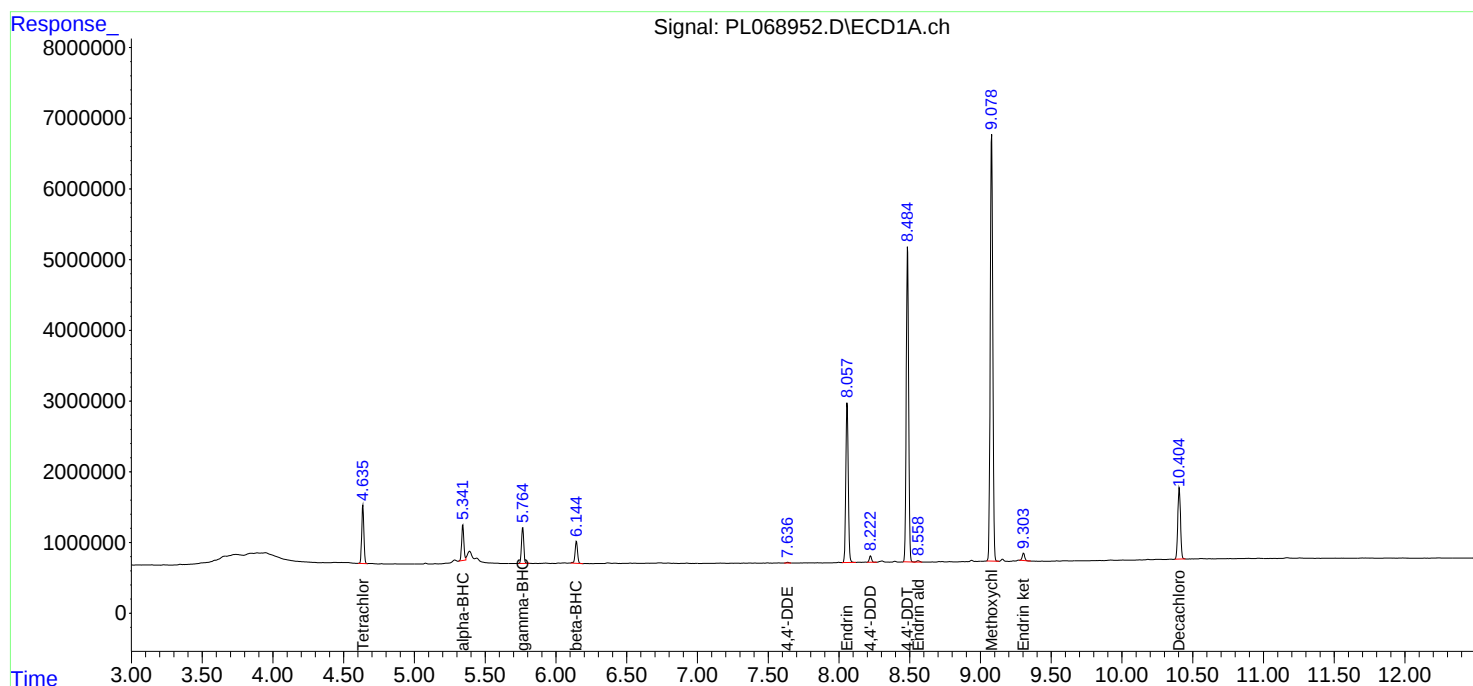
Instrument :
ECD_L
ClientSampleId :
PEM

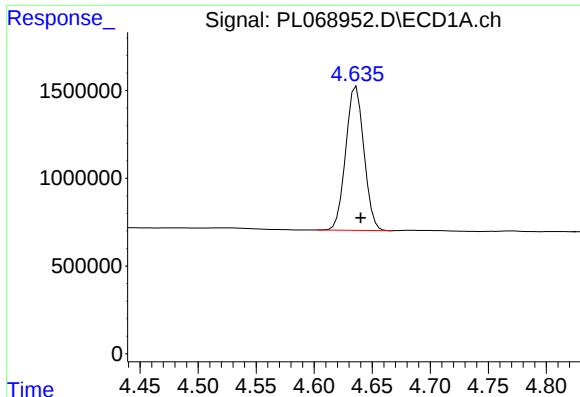
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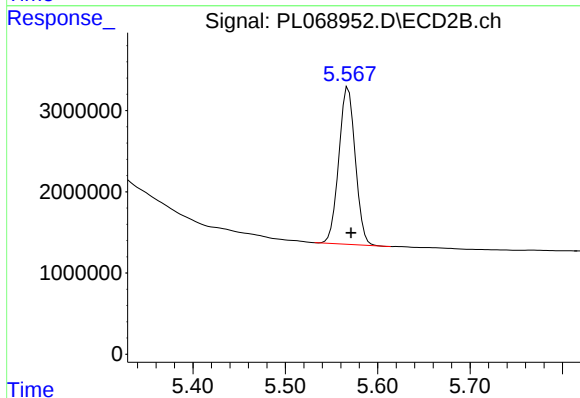
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.004 min
Response: 8956850
Conc: 21.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

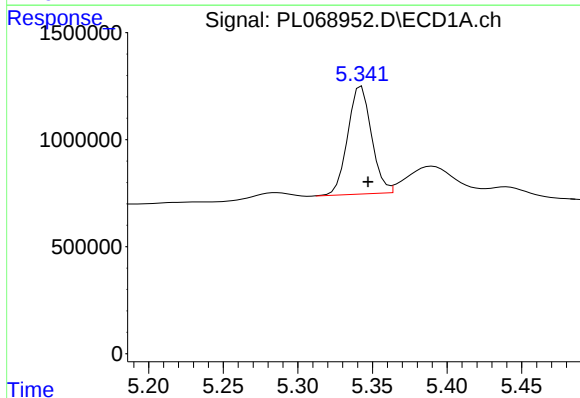
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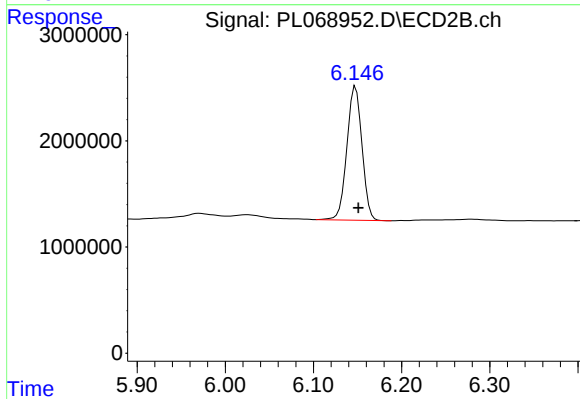
#1 Tetrachloro-m-xylene

R.T.: 5.568 min
Delta R.T.: -0.003 min
Response: 23897791
Conc: 23.54 ng/ml



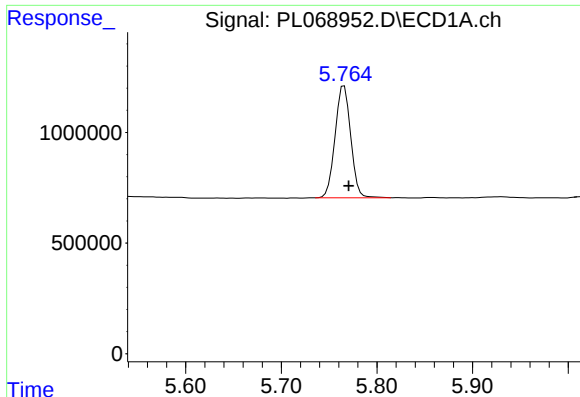
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 5587226
Conc: 10.10 ng/ml



#2 alpha-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 15012851
Conc: 11.02 ng/ml



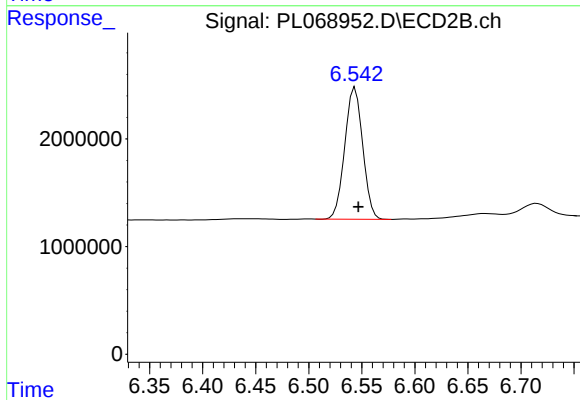
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 5740670
Conc: 10.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

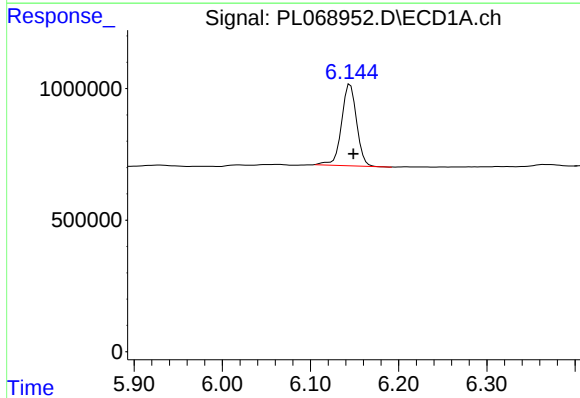
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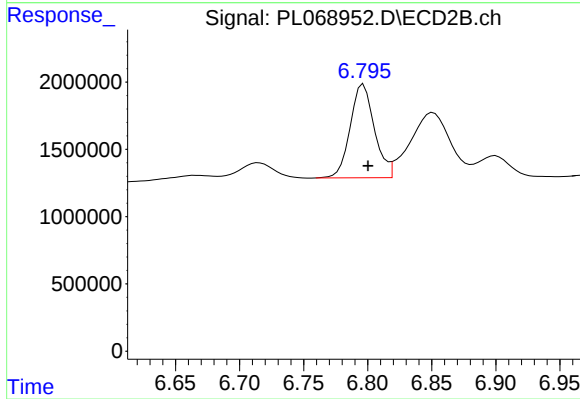
#3 gamma-BHC (Lindane)

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 14360463
Conc: 11.04 ng/ml



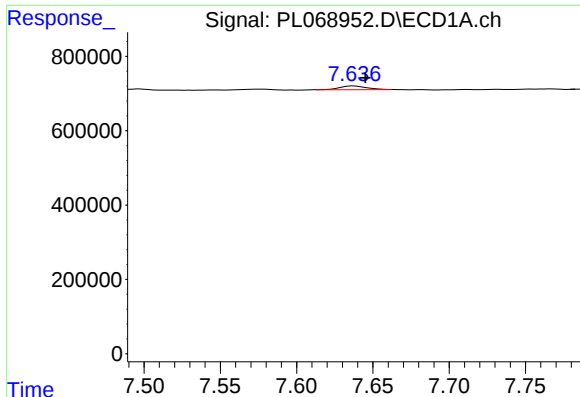
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 3669274
Conc: 13.02 ng/ml



#6 beta-BHC

R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 9137149
Conc: 14.10 ng/ml



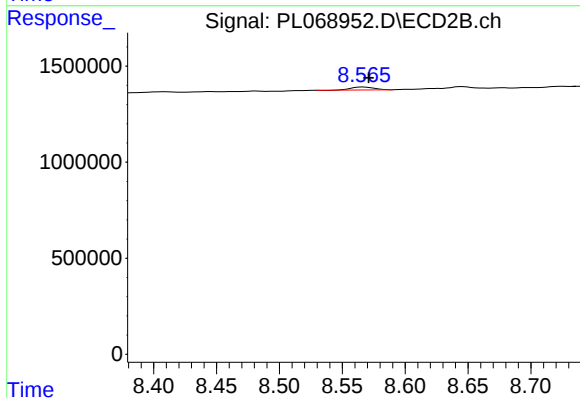
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 122464
Conc: 0.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

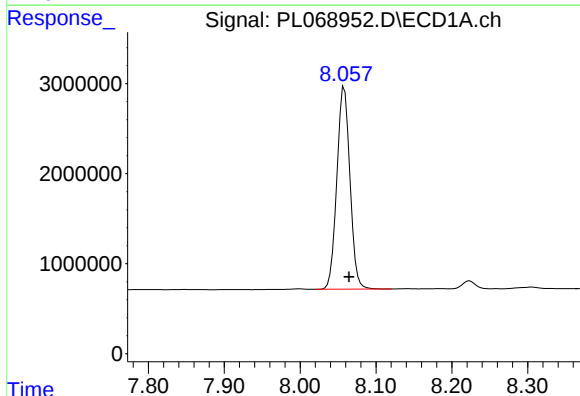
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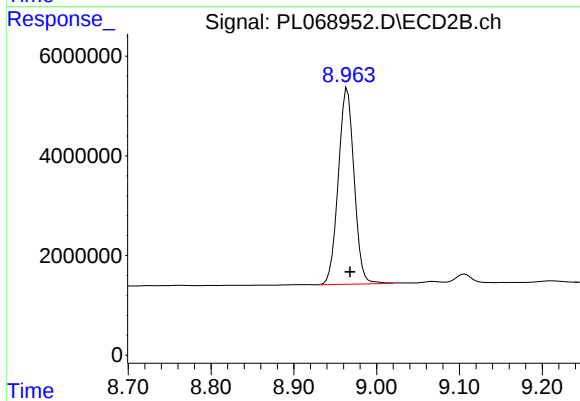
#12 4,4'-DDE

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 189980
Conc: 0.18 ng/ml



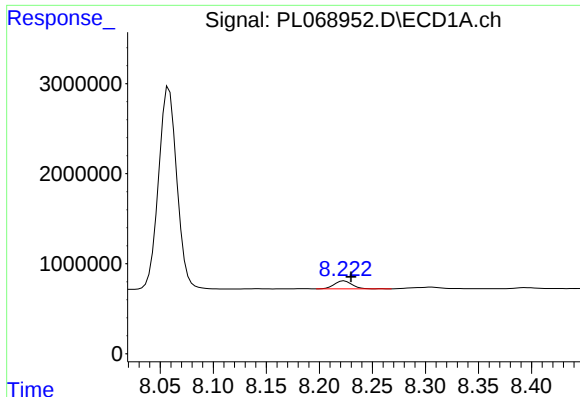
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 27007989
Conc: 56.04 ng/ml



#14 Endrin

R.T.: 8.965 min
Delta R.T.: -0.003 min
Response: 52222993
Conc: 57.53 ng/ml



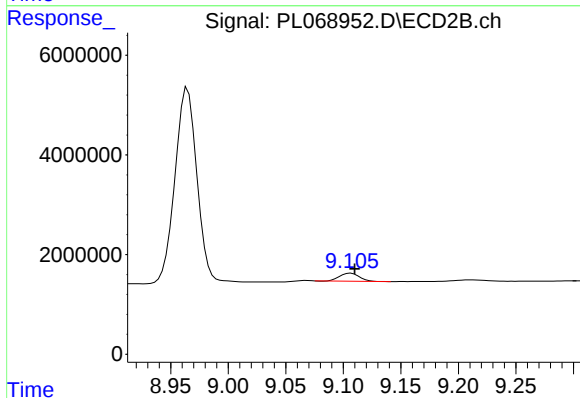
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 1025765
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

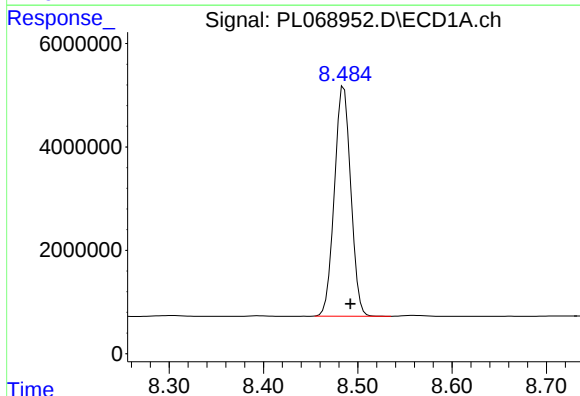
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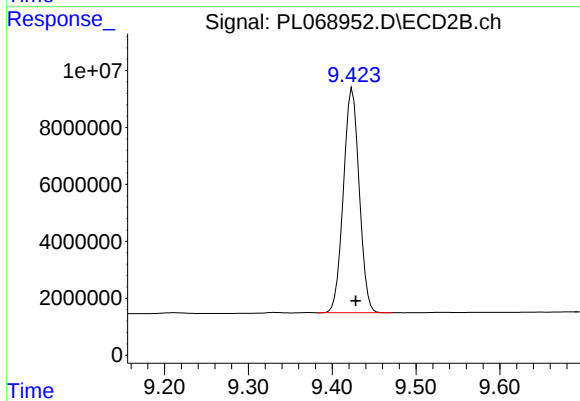
#16 4,4'-DDD

R.T.: 9.106 min
Delta R.T.: -0.004 min
Response: 1880795
Conc: 2.20 ng/ml



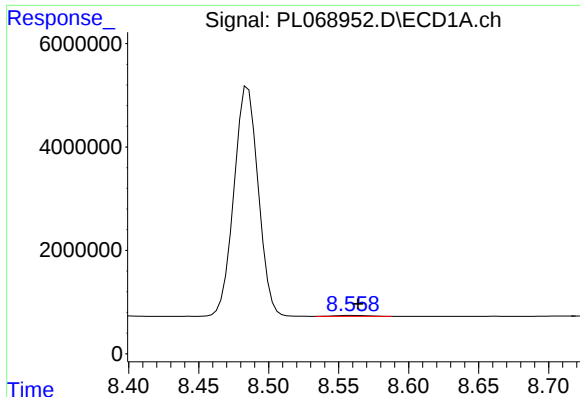
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 53579122
Conc: 110.32 ng/ml



#17 4,4'-DDT

R.T.: 9.424 min
Delta R.T.: -0.004 min
Response: 103622731
Conc: 109.49 ng/ml



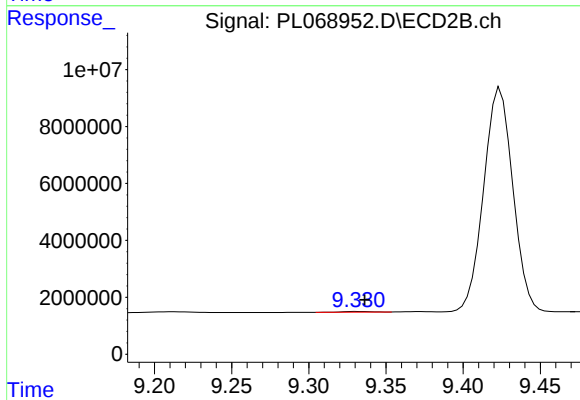
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 269027
Conc: 0.72 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

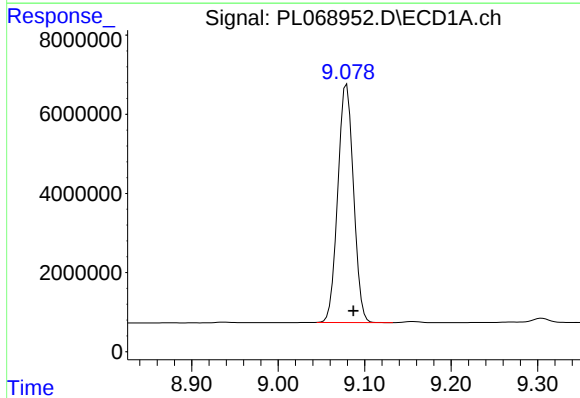
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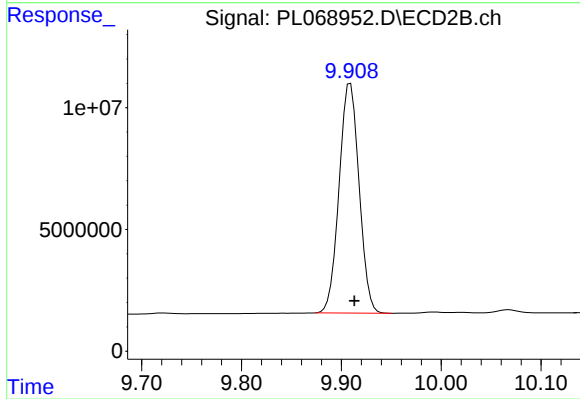
#18 Endrin aldehyde

R.T.: 9.330 min
Delta R.T.: -0.006 min
Response: 306210
Conc: 0.44 ng/ml m



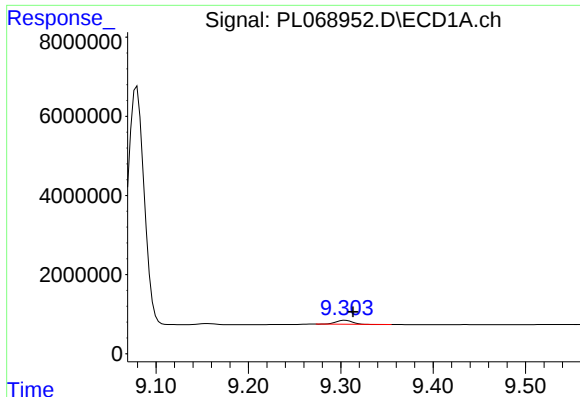
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.007 min
Response: 75502953
Conc: 241.19 ng/ml



#20 Methoxychlor

R.T.: 9.909 min
Delta R.T.: -0.004 min
Response: 131201090
Conc: 252.12 ng/ml



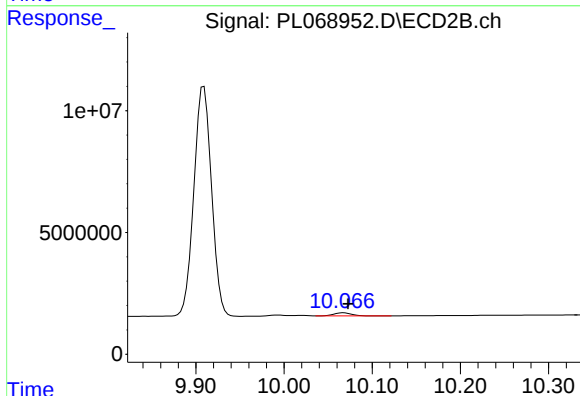
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.008 min
Response: 1239419
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

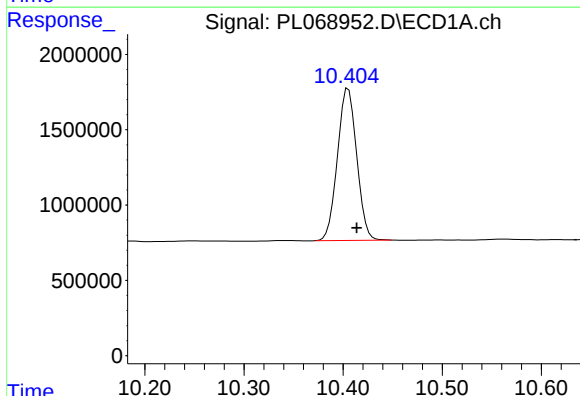
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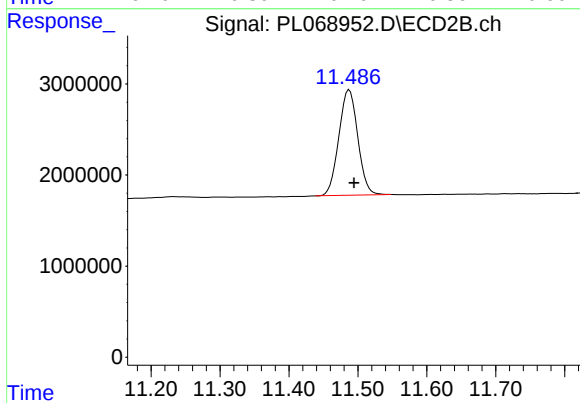
#21 Endrin ketone

R.T.: 10.068 min
Delta R.T.: -0.005 min
Response: 1724508
Conc: 1.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.008 min
Response: 13648176
Conc: 23.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.488 min
Delta R.T.: -0.007 min
Response: 22134505
Conc: 22.81 ng/ml