

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
 Data File : PL068021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2021 10:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
 7/13/2021 9:07:03 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 14:28:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 12 14:08:44 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...	4.677	5.585	10901811	19736241	19.697	19.299
28)	SA Decachlor...	10.490	11.515	11206912	15394116	20.194	19.755
Target Compounds							
2)	A alpha-BHC	5.384	6.165	6897528	11856852	9.453	8.958
3)	MA gamma-BHC...	5.808	6.561	6568154	11387907	9.161	9.140
6)	B beta-BHC	6.186	6.813	3991391	6069485	11.113	9.139
12)	B 4,4'-DDE	7.688	8.585	118815	166249	0.198m	0.181m
14)	MA Endrin	8.112	8.984	28544282	39317038	51.247	49.919
16)	A 4,4'-DDD	8.277	9.122	171542	334121	0.340m	0.429m#
17)	MA 4,4'-DDT	8.542	9.443	56268638	79395042	104.251	95.550
18)	B Endrin al...	8.615	9.355	58542	69035	0.140m	0.108m
20)	A Methoxychlor	9.145	9.927	74544567	102.7E6	238.445	234.795
21)	B Endrin ke...	9.365	10.085	423169	575376	0.699m	0.663m

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

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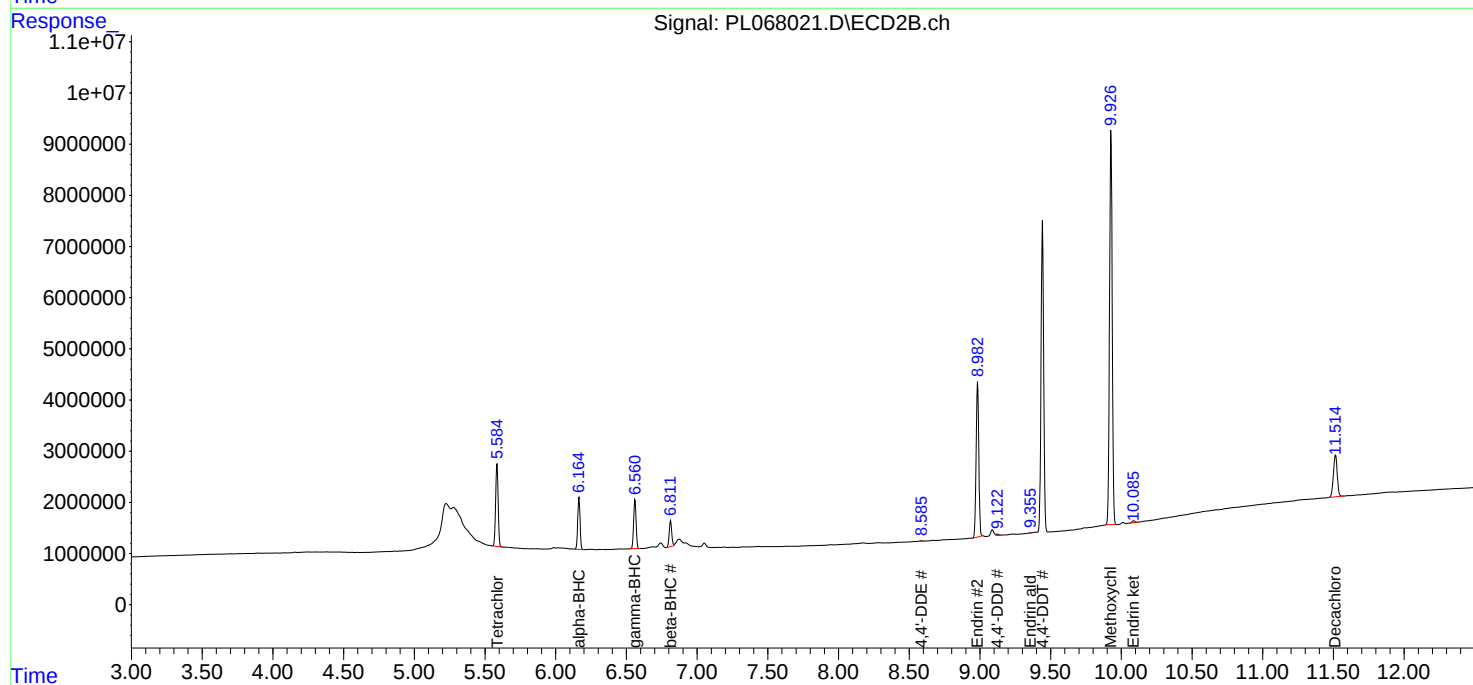
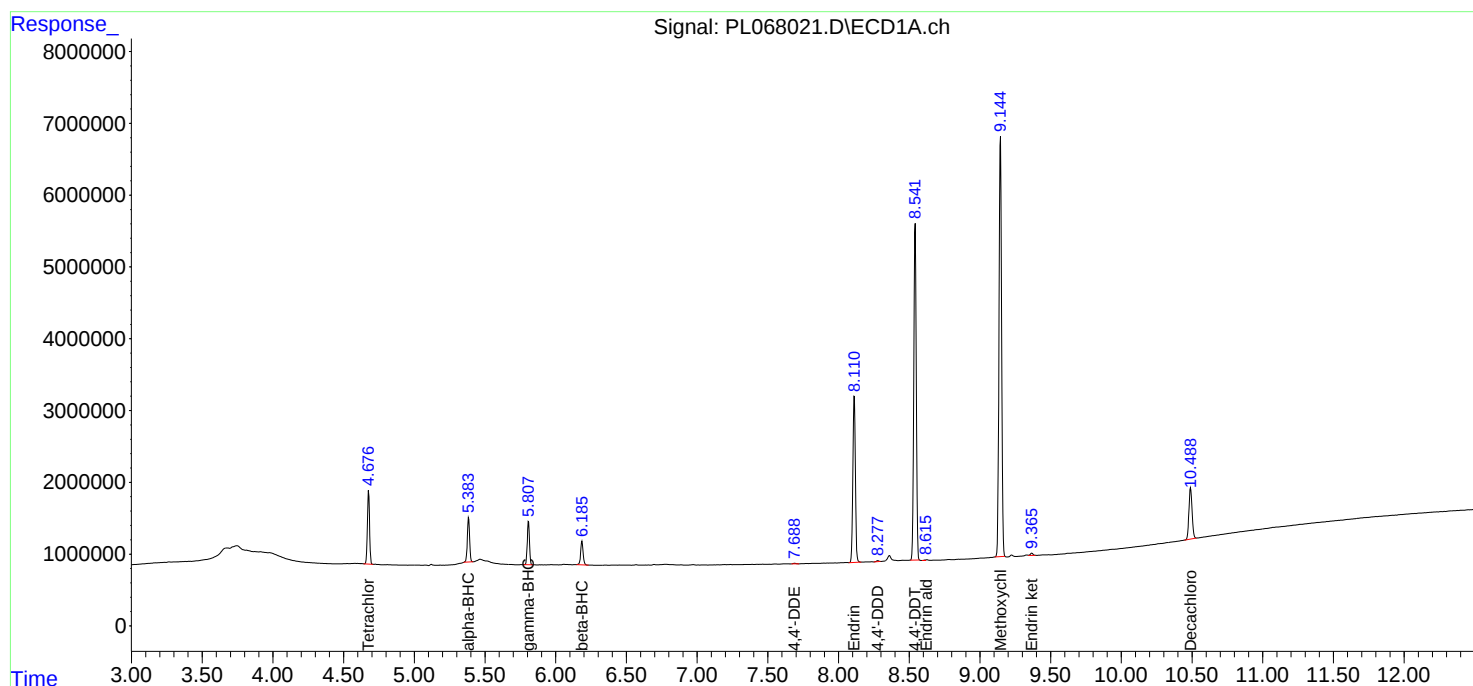
Instrument :
ECD_L
ClientSampleId :
PEM

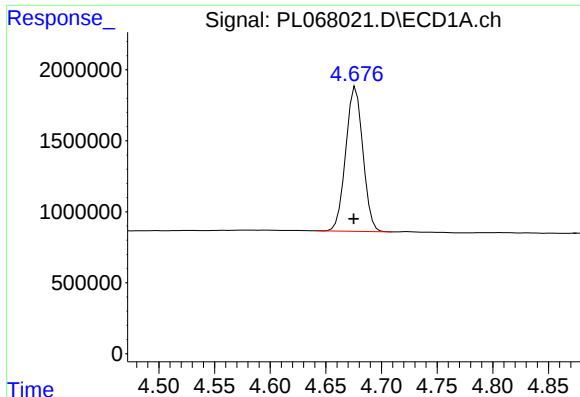
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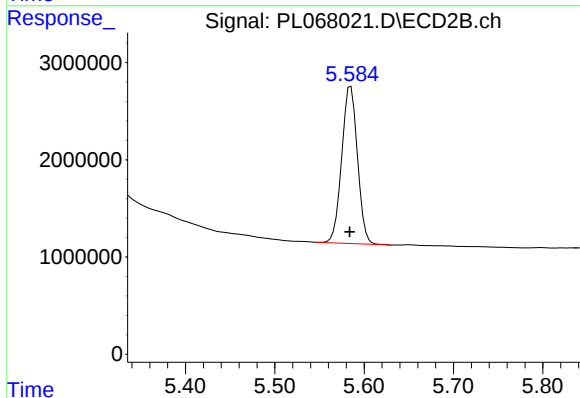
#1 Tetrachloro-m-xylene

R.T.: 4.677 min
Delta R.T.: 0.002 min
Response: 10901811
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

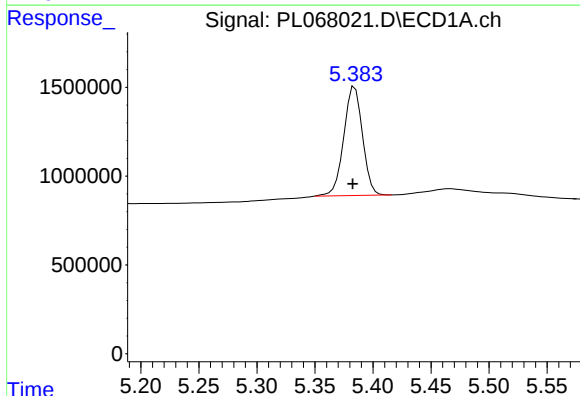
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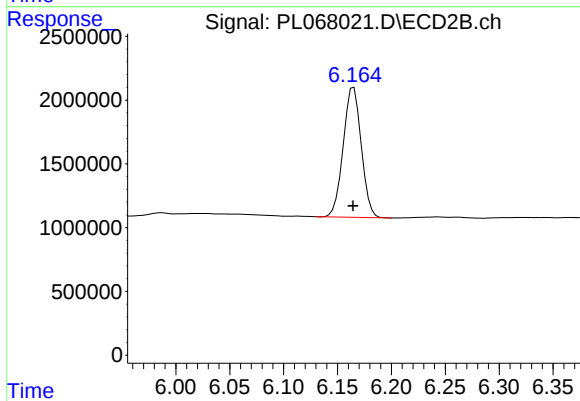
#1 Tetrachloro-m-xylene

R.T.: 5.585 min
Delta R.T.: 0.001 min
Response: 19736241
Conc: 19.30 ng/ml



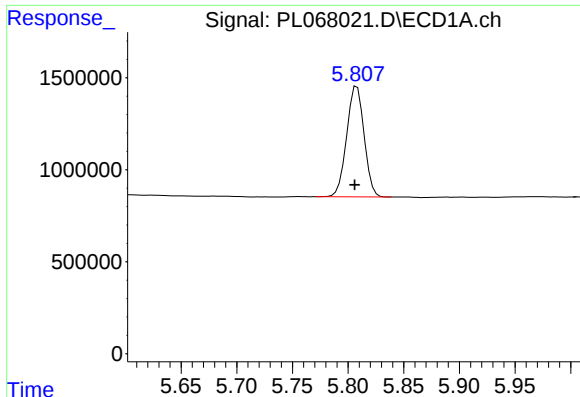
#2 alpha-BHC

R.T.: 5.384 min
Delta R.T.: 0.002 min
Response: 6897528
Conc: 9.45 ng/ml



#2 alpha-BHC

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 11856852
Conc: 8.96 ng/ml



#3 gamma-BHC (Lindane)

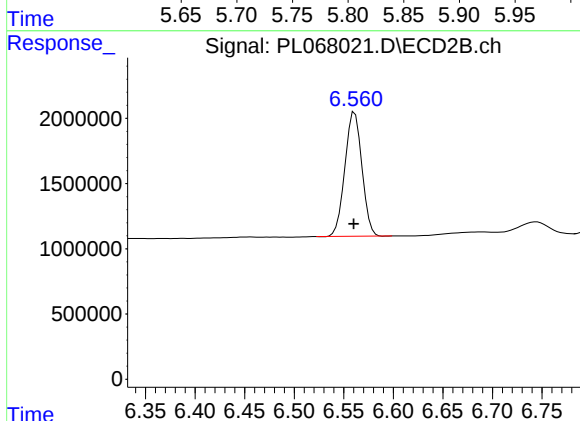
R.T.: 5.808 min
Delta R.T.: 0.002 min
Response: 6568154
Conc: 9.16 ng/ml

Instrument :
ECD_L
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PEM

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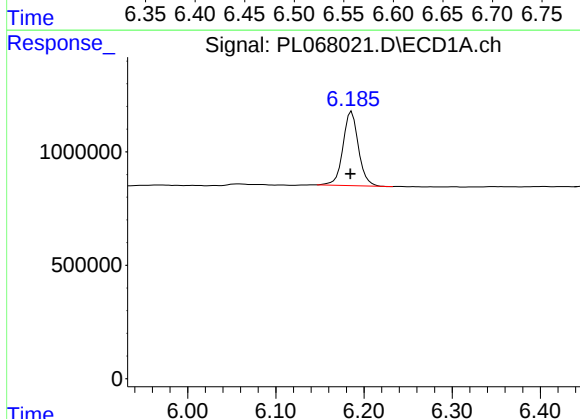
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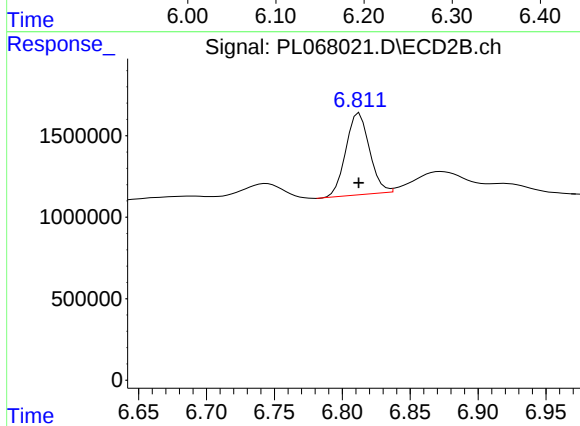
#3 gamma-BHC (Lindane)

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 11387907
Conc: 9.14 ng/ml



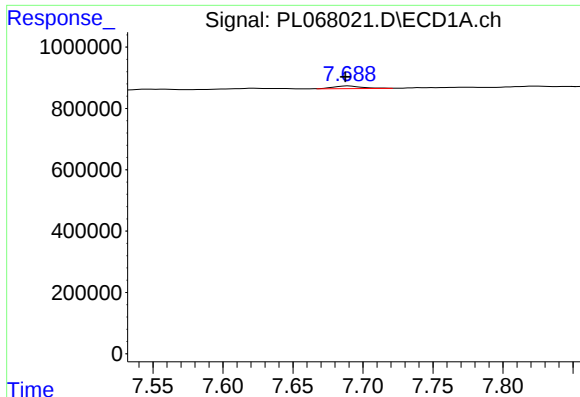
#6 beta-BHC

R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 3991391
Conc: 11.11 ng/ml



#6 beta-BHC

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 6069485
Conc: 9.14 ng/ml



#12 4,4'-DDE

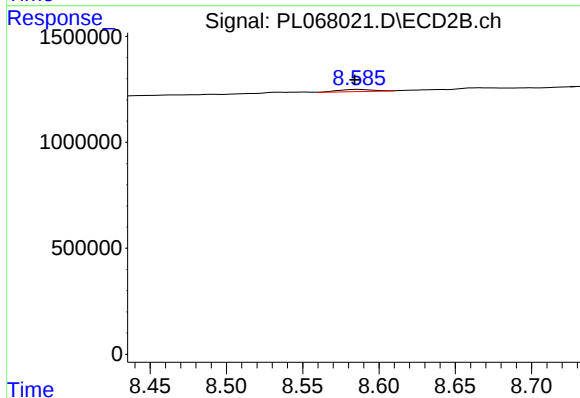
R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 118815
Conc: 0.20 ng/ml m

Instrument :
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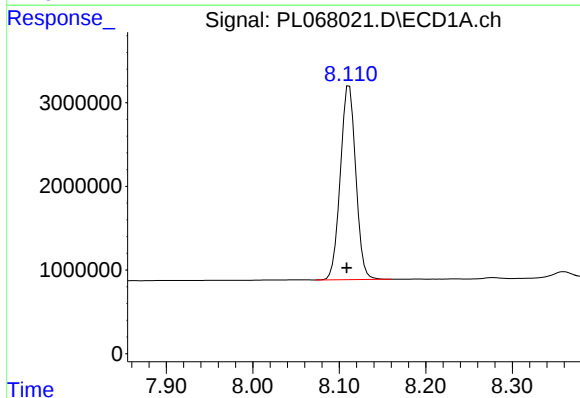
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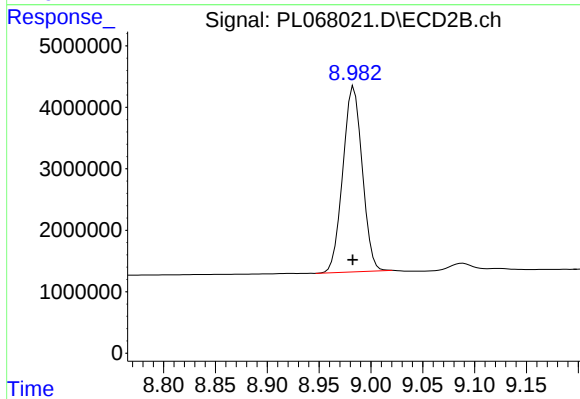
#12 4,4'-DDE

R.T.: 8.585 min
Delta R.T.: 0.001 min
Response: 166249
Conc: 0.18 ng/ml m



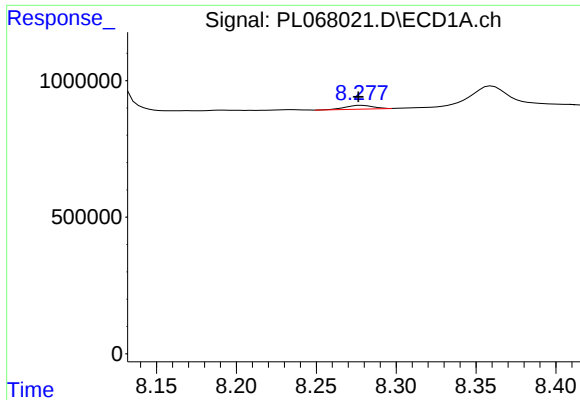
#14 Endrin

R.T.: 8.112 min
Delta R.T.: 0.003 min
Response: 28544282
Conc: 51.25 ng/ml



#14 Endrin

R.T.: 8.984 min
Delta R.T.: 0.001 min
Response: 39317038
Conc: 49.92 ng/ml



#16 4,4'-DDD

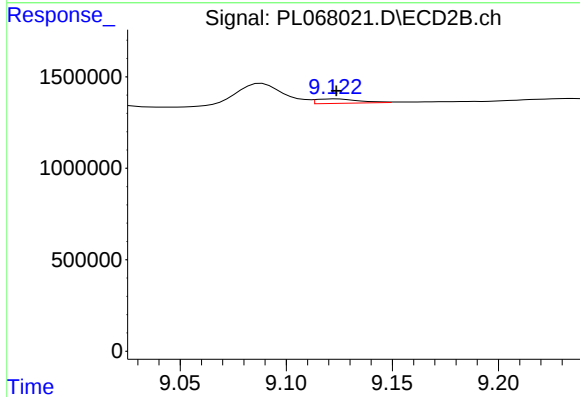
R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 171542
Conc: 0.34 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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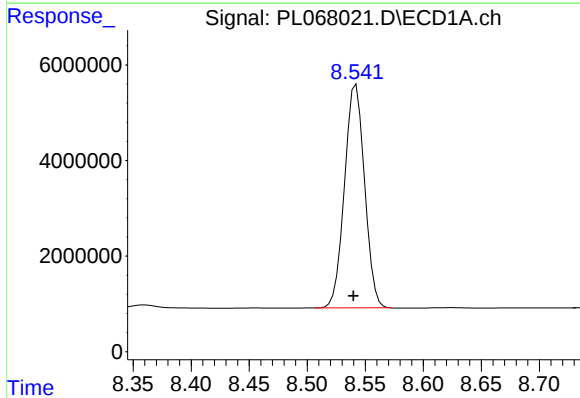
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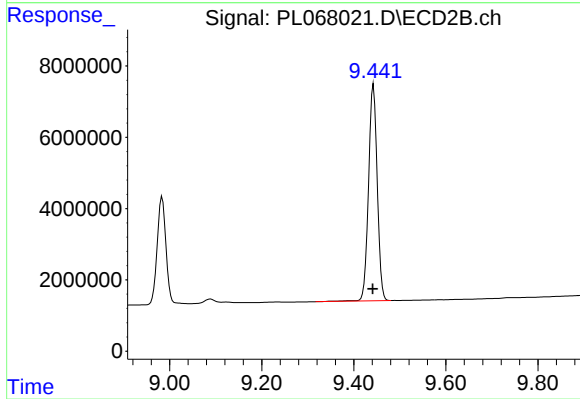
#16 4,4'-DDD

R.T.: 9.122 min
Delta R.T.: -0.002 min
Response: 334121
Conc: 0.43 ng/ml m



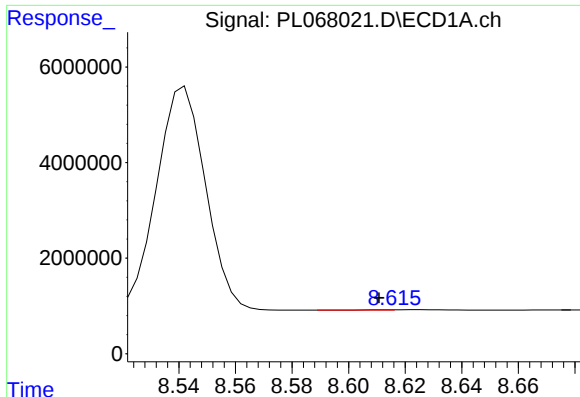
#17 4,4'-DDT

R.T.: 8.542 min
Delta R.T.: 0.002 min
Response: 56268638
Conc: 104.25 ng/ml



#17 4,4'-DDT

R.T.: 9.443 min
Delta R.T.: 0.002 min
Response: 79395042
Conc: 95.55 ng/ml



#18 Endrin aldehyde

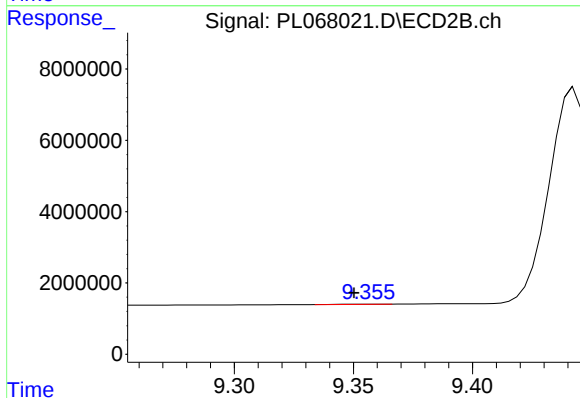
R.T.: 8.615 min
Delta R.T.: 0.004 min
Response: 58542
Conc: 0.14 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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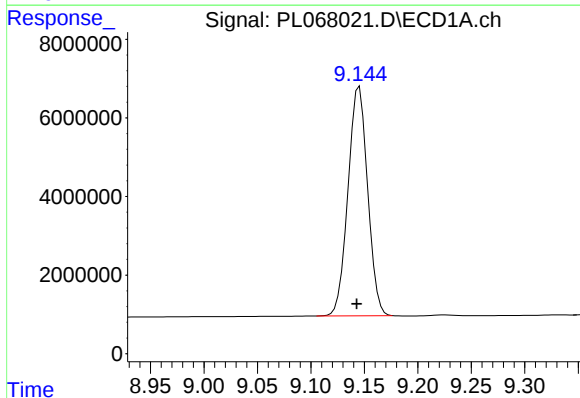
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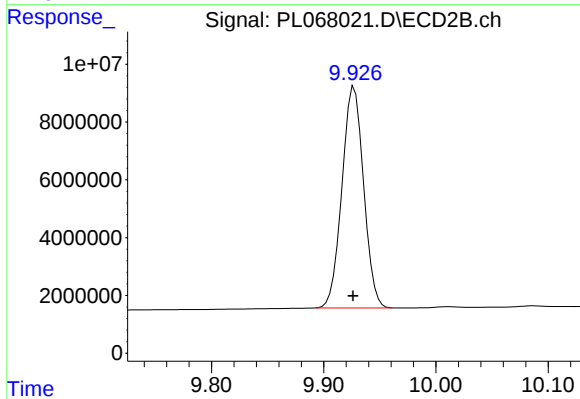
#18 Endrin aldehyde

R.T.: 9.355 min
Delta R.T.: 0.005 min
Response: 69035
Conc: 0.11 ng/ml m



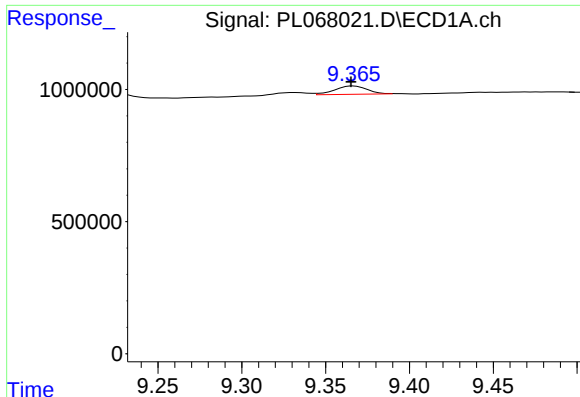
#20 Methoxychlor

R.T.: 9.145 min
Delta R.T.: 0.002 min
Response: 74544567
Conc: 238.45 ng/ml



#20 Methoxychlor

R.T.: 9.927 min
Delta R.T.: 0.001 min
Response: 102688435
Conc: 234.80 ng/ml



#21 Endrin ketone

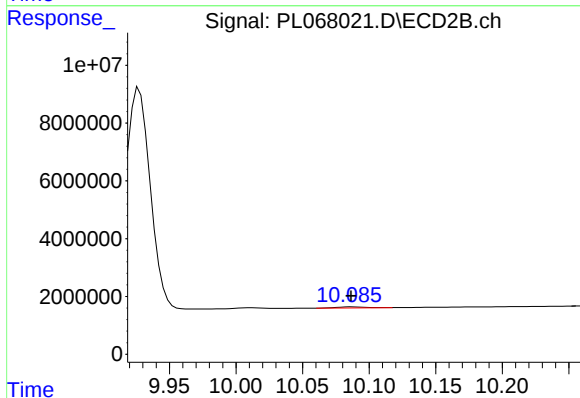
R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 423169
Conc: 0.70 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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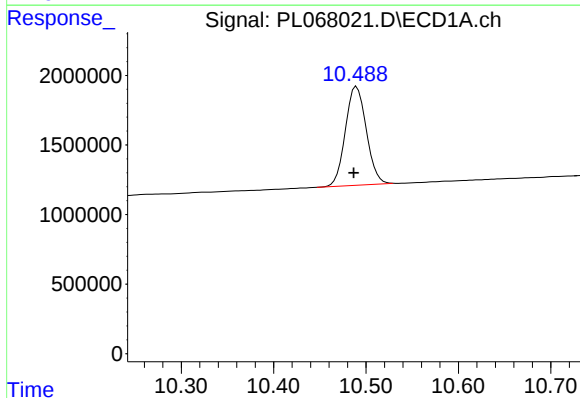
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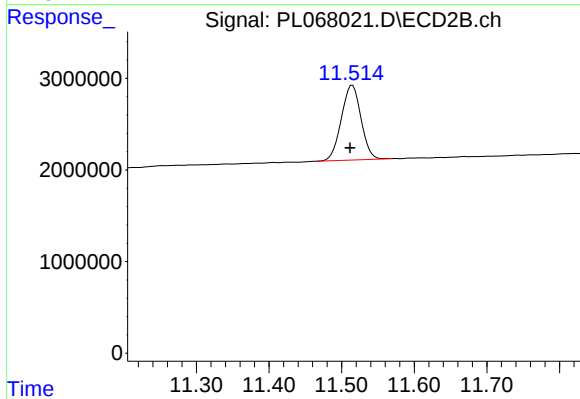
#21 Endrin ketone

R.T.: 10.085 min
Delta R.T.: -0.001 min
Response: 575376
Conc: 0.66 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.490 min
Delta R.T.: 0.003 min
Response: 11206912
Conc: 20.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.515 min
Delta R.T.: 0.003 min
Response: 15394116
Conc: 19.75 ng/ml