

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070721\
 Data File : PL067985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2021 09:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
 7/8/2021 8:31:49 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:35:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 02:00:12 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...	4.477	5.528	11735553	19543072	21.346	20.730
28)	SA Decachlor...	10.217	11.423	14881998	19361599	20.999	19.438
Target Compounds							
2)	A alpha-BHC	5.176	6.108	8024329	11939687	10.910	9.656
3)	MA gamma-BHC...	5.596	6.504	7634983	11597949	10.188	9.837
6)	B beta-BHC	5.980	6.759	4561609	5966515	12.749	10.988
12)	B 4,4'-DDE	7.466	8.524	176296	190107	0.265	0.210m
14)	MA Endrin	7.871	8.919	34689859	39785764	52.909	52.014
16)	A 4,4'-DDD	8.048	9.064	1377696	1172746	2.370	1.649 #
17)	MA 4,4'-DDT	8.307	9.382	64341026	74224040	110.574	101.240
18)	B Endrin al...	8.368	9.287	316991	282486	0.626m	0.442m#
20)	A Methoxychlor	8.901	9.868	84303586	90663636	237.161	233.187
21)	B Endrin ke...	9.110	10.022	1441193	1137944	1.893	1.255 #

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

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ALS Vial : 3 Sample Multiplier: 1

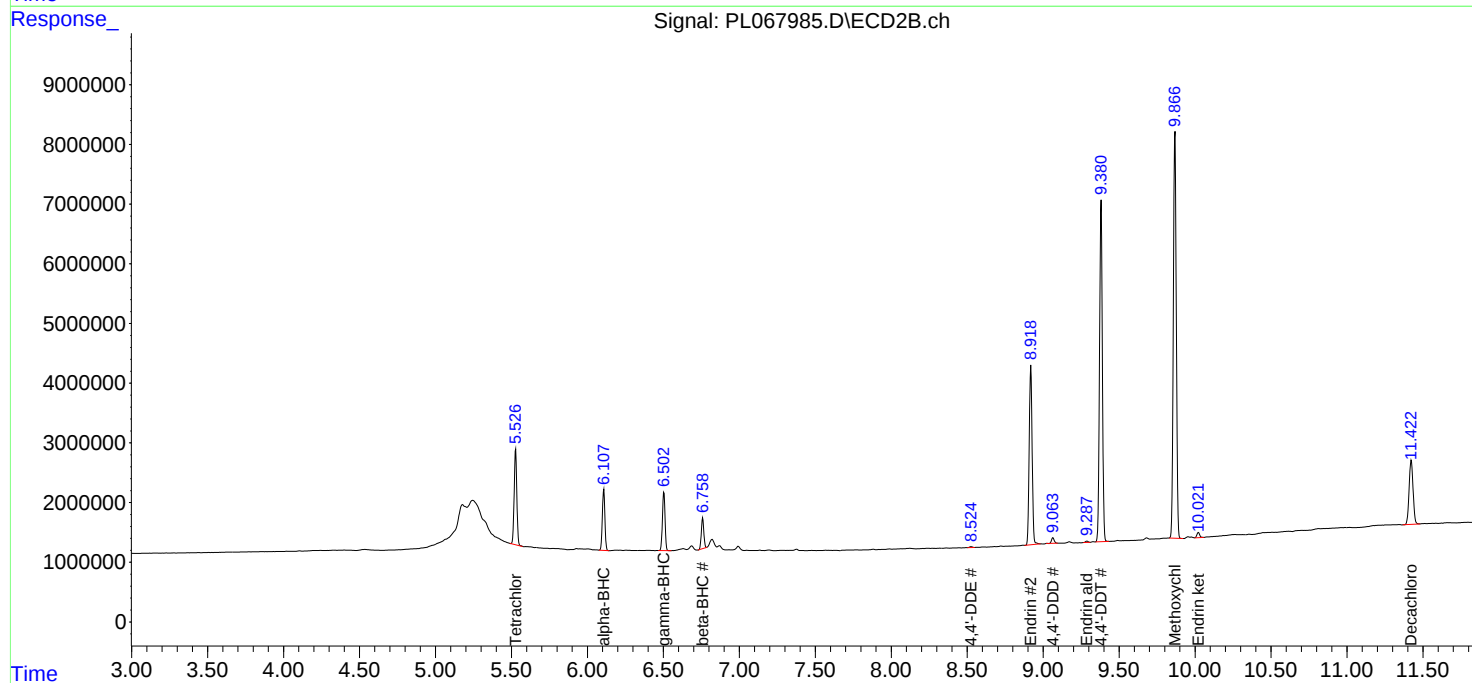
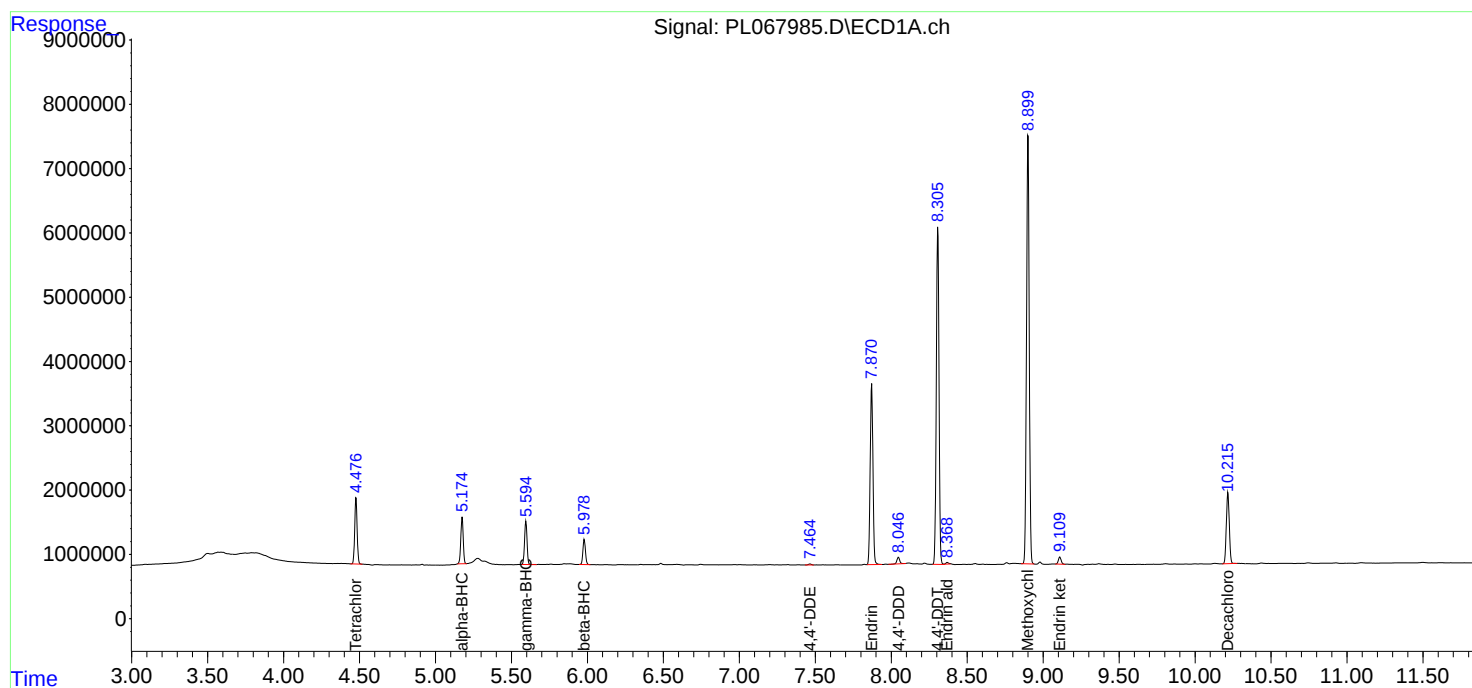
Instrument :
ECD_L
ClientSampled :
PEM

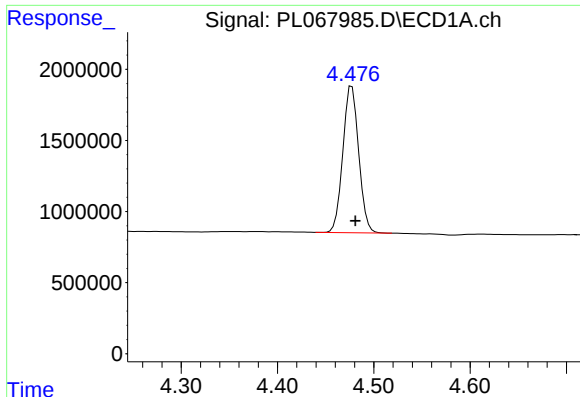
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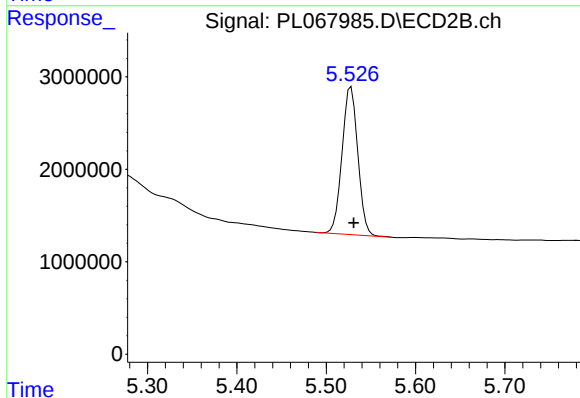
#1 Tetrachloro-m-xylene

R.T.: 4.477 min
Delta R.T.: -0.004 min
Response: 11735553
Conc: 21.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

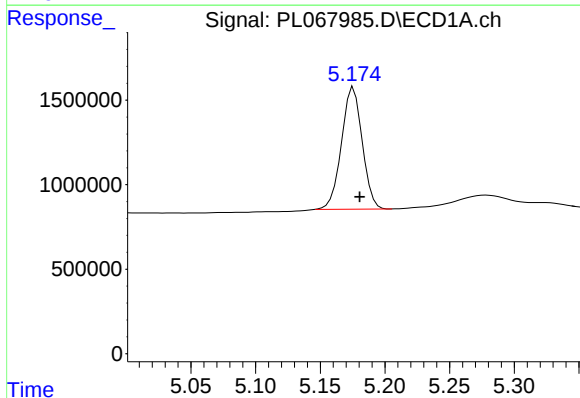
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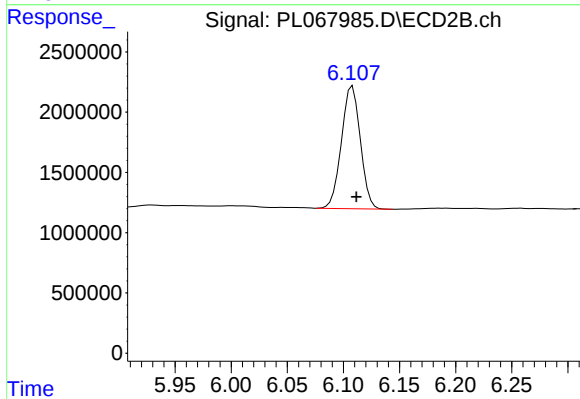
#1 Tetrachloro-m-xylene

R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 19543072
Conc: 20.73 ng/ml



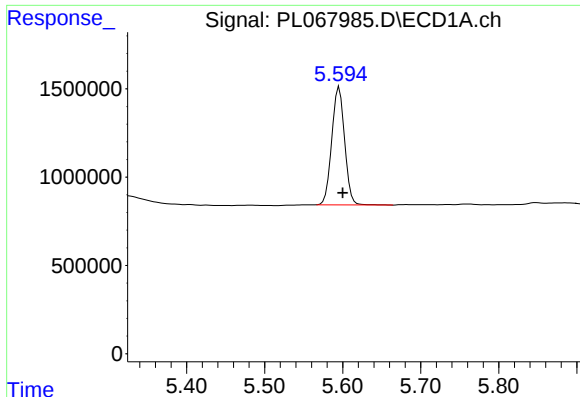
#2 alpha-BHC

R.T.: 5.176 min
Delta R.T.: -0.005 min
Response: 8024329
Conc: 10.91 ng/ml



#2 alpha-BHC

R.T.: 6.108 min
Delta R.T.: -0.003 min
Response: 11939687
Conc: 9.66 ng/ml



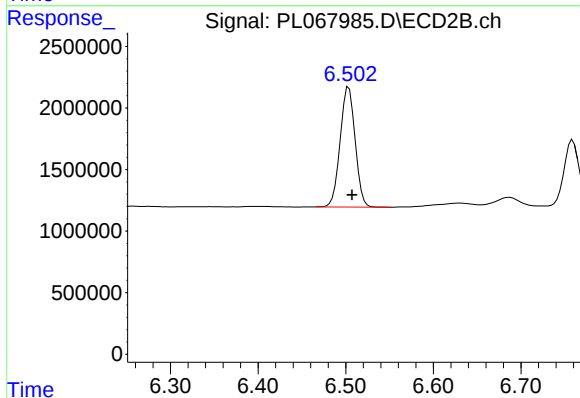
#3 gamma-BHC (Lindane)

R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 7634983
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

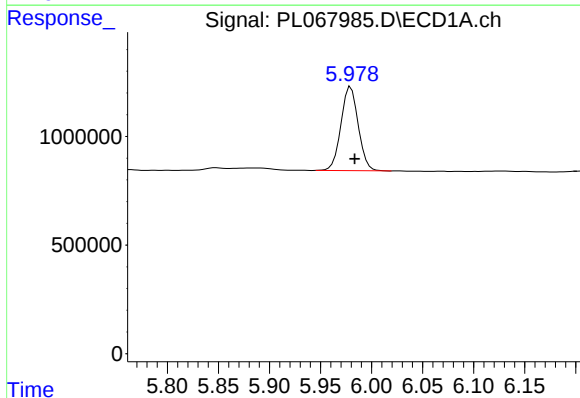
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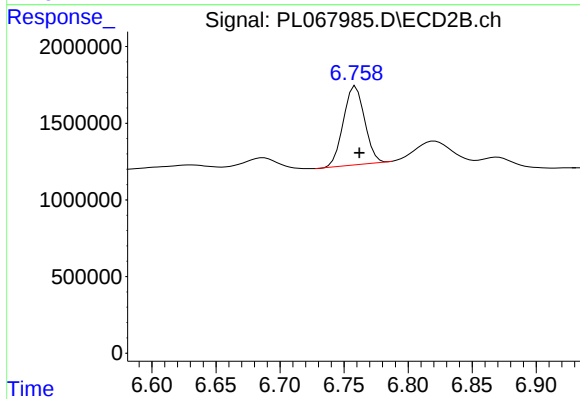
#3 gamma-BHC (Lindane)

R.T.: 6.504 min
Delta R.T.: -0.004 min
Response: 11597949
Conc: 9.84 ng/ml



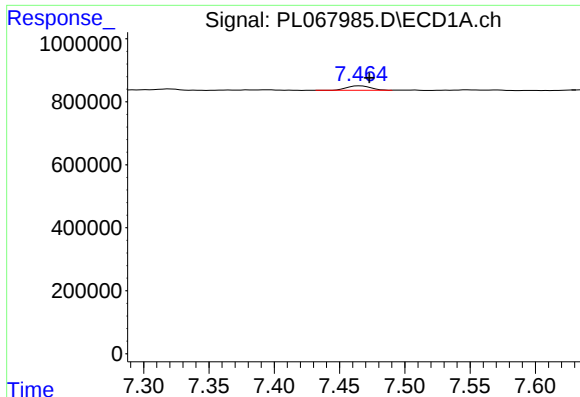
#6 beta-BHC

R.T.: 5.980 min
Delta R.T.: -0.004 min
Response: 4561609
Conc: 12.75 ng/ml



#6 beta-BHC

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 5966515
Conc: 10.99 ng/ml



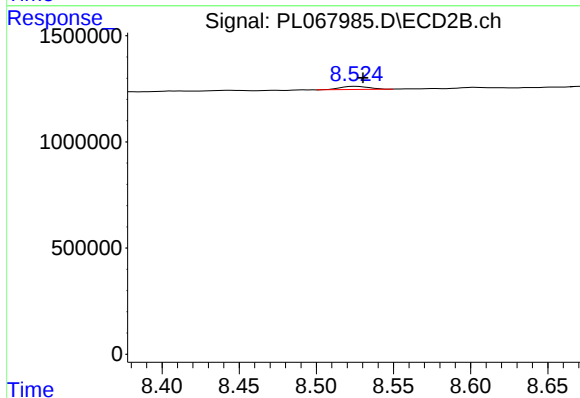
#12 4,4'-DDE

R.T.: 7.466 min
Delta R.T.: -0.007 min
Response: 176296
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

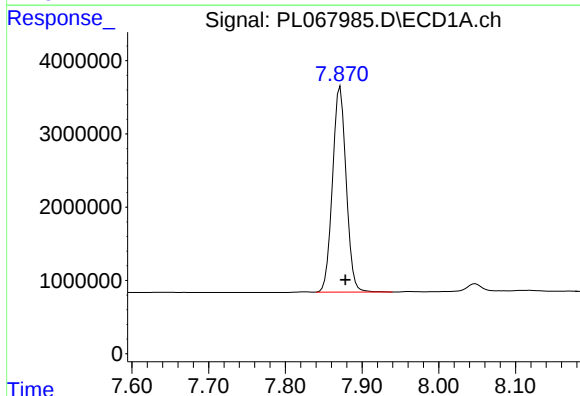
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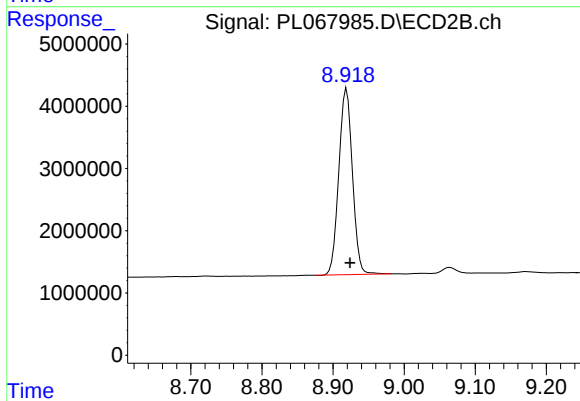
#12 4,4'-DDE

R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 190107
Conc: 0.21 ng/ml m



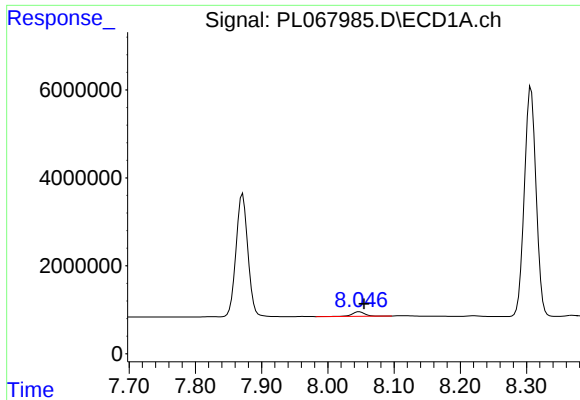
#14 Endrin

R.T.: 7.871 min
Delta R.T.: -0.007 min
Response: 34689859
Conc: 52.91 ng/ml



#14 Endrin

R.T.: 8.919 min
Delta R.T.: -0.005 min
Response: 39785764
Conc: 52.01 ng/ml



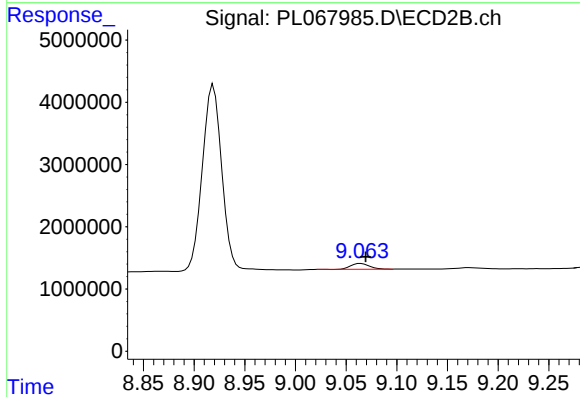
#16 4,4'-DDD

R.T.: 8.048 min
Delta R.T.: -0.007 min
Response: 1377696
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

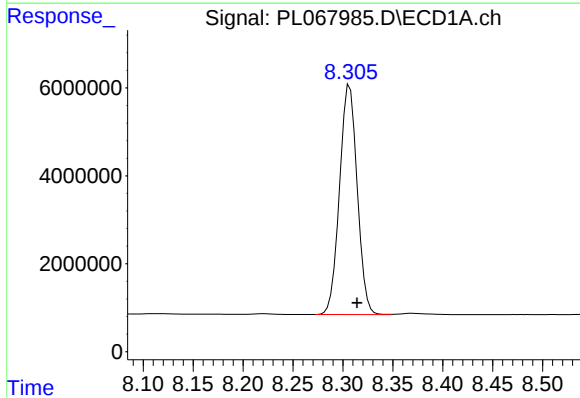
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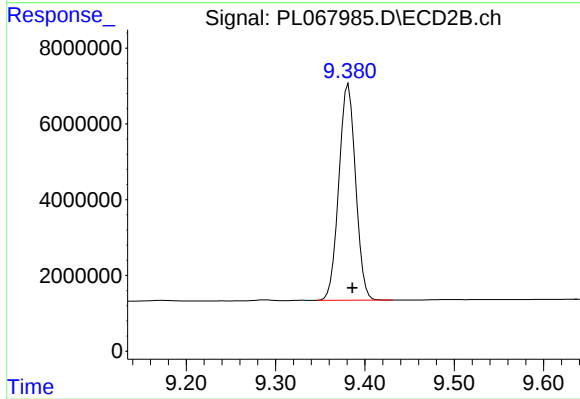
#16 4,4'-DDD

R.T.: 9.064 min
Delta R.T.: -0.005 min
Response: 1172746
Conc: 1.65 ng/ml



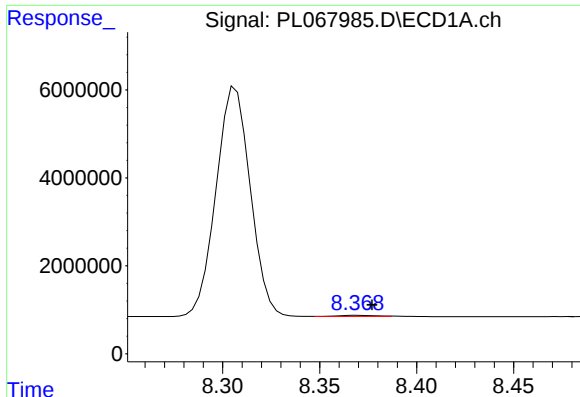
#17 4,4'-DDT

R.T.: 8.307 min
Delta R.T.: -0.008 min
Response: 64341026
Conc: 110.57 ng/ml



#17 4,4'-DDT

R.T.: 9.382 min
Delta R.T.: -0.004 min
Response: 74224040
Conc: 101.24 ng/ml



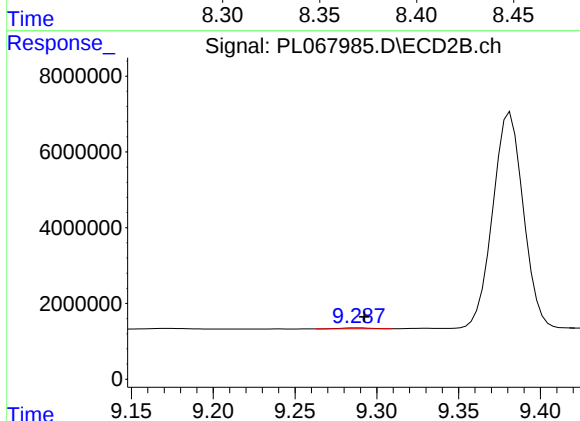
#18 Endrin aldehyde

R.T.: 8.368 min
Delta R.T.: -0.009 min
Response: 316991
Conc: 0.63 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

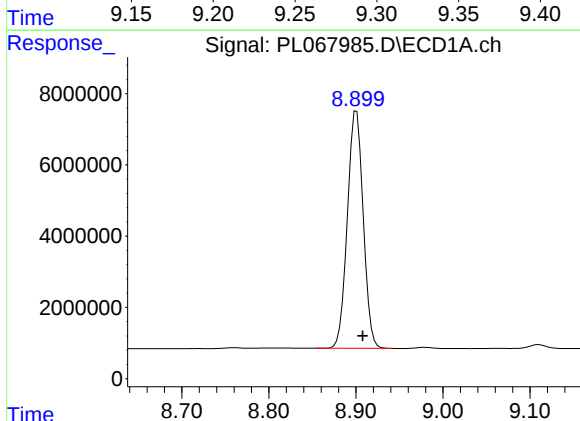
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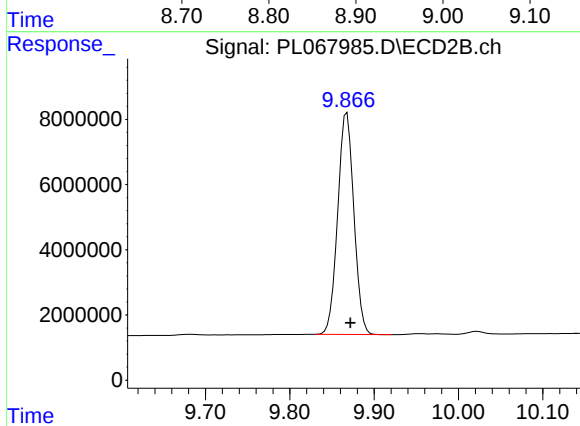
#18 Endrin aldehyde

R.T.: 9.287 min
Delta R.T.: -0.005 min
Response: 282486
Conc: 0.44 ng/ml m



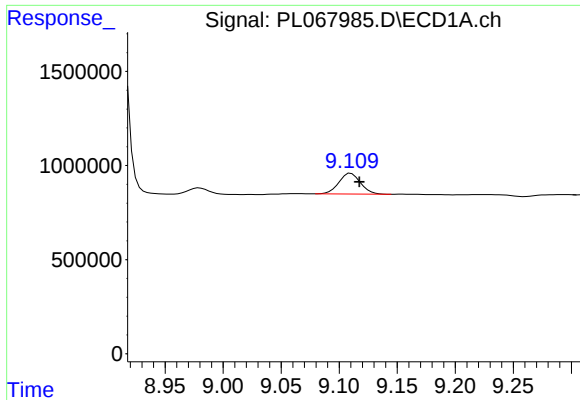
#20 Methoxychlor

R.T.: 8.901 min
Delta R.T.: -0.007 min
Response: 84303586
Conc: 237.16 ng/ml



#20 Methoxychlor

R.T.: 9.868 min
Delta R.T.: -0.004 min
Response: 90663636
Conc: 233.19 ng/ml



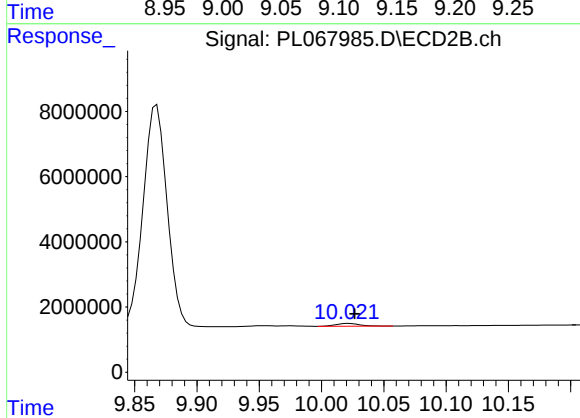
#21 Endrin ketone

R.T.: 9.110 min
Delta R.T.: -0.007 min
Response: 1441193
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

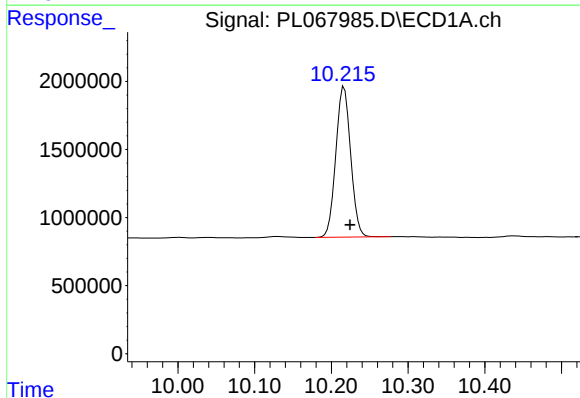
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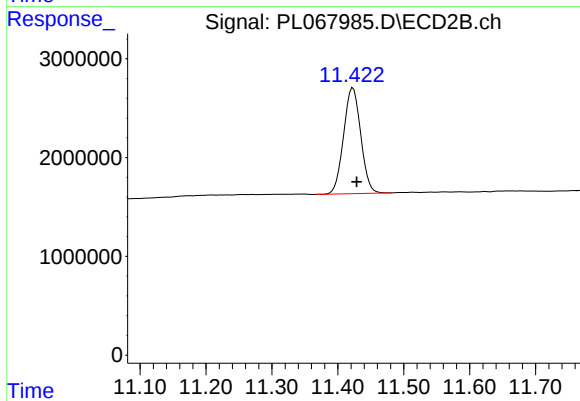
#21 Endrin ketone

R.T.: 10.022 min
Delta R.T.: -0.005 min
Response: 1137944
Conc: 1.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.217 min
Delta R.T.: -0.008 min
Response: 14881998
Conc: 21.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.423 min
Delta R.T.: -0.006 min
Response: 19361599
Conc: 19.44 ng/ml