

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080321\
 Data File : PL068650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2021 08:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 8/4/2021 8:16:58 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 01:42:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 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...	4.641	5.571	9205739	21434922	21.449	21.006
28)	SA Decachlor...	10.413	11.492	12826164	19406744	22.805	21.757
Target Compounds							
2)	A alpha-BHC	5.348	6.150	5812948	13159898	9.930	9.679
3)	MA gamma-BHC...	5.771	6.546	5690244	12685626	10.010	9.832
6)	B beta-BHC	6.151	6.799	4152057	6635579	14.189	9.393 #
12)	B 4,4'-DDE	7.644	8.570	112767	218655	0.224m	0.212
14)	MA Endrin	8.065	8.967	26380028	47288667	52.750	52.886
16)	A 4,4'-DDD	8.230	9.108	2014785	3642858	4.511	4.278
17)	MA 4,4'-DDT	8.492	9.427	50377337	90418872	100.435	95.799
18)	B Endrin al...	8.564	9.336	302538	273735	0.764m	0.380 #
20)	A Methoxychlor	9.087	9.911	70490381	111.7E6	225.347	219.831
21)	B Endrin ke...	9.312	10.071	1259488	1751254	2.127	1.756

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

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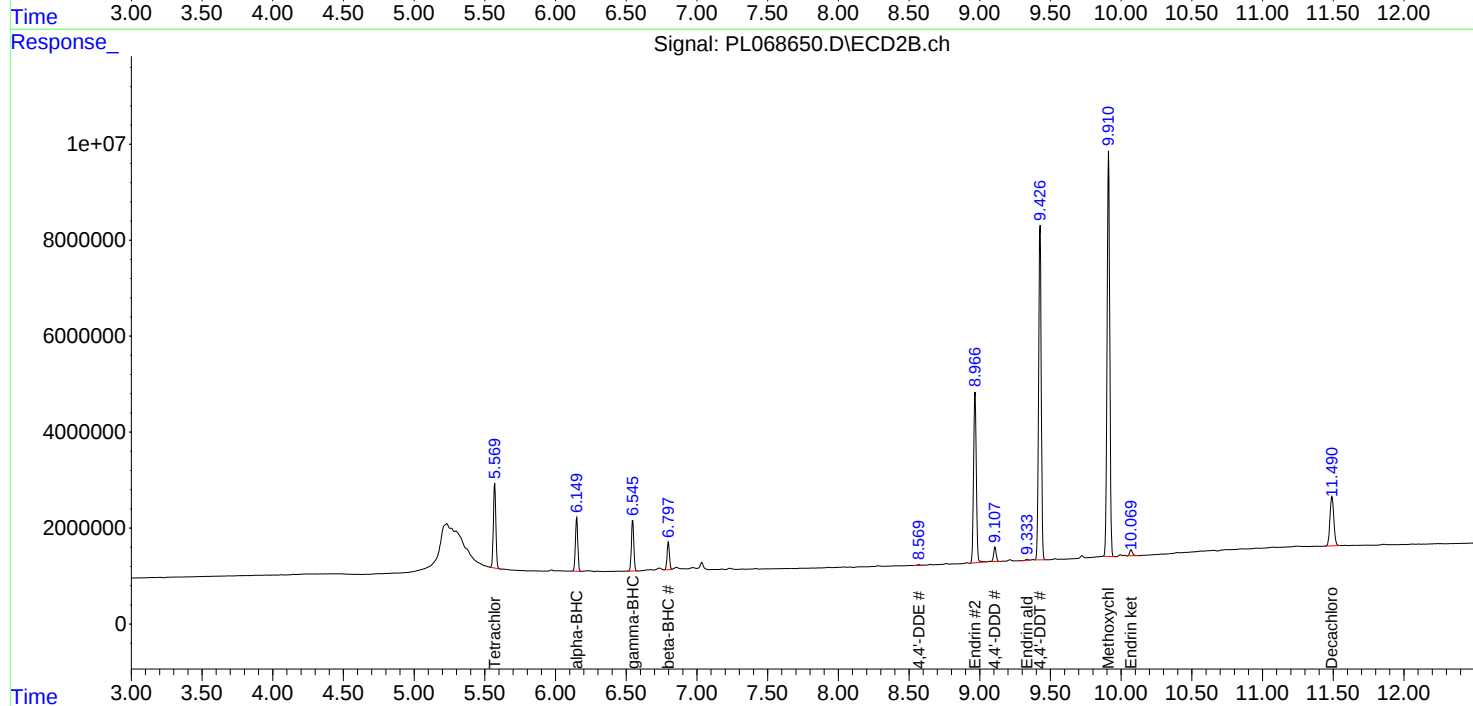
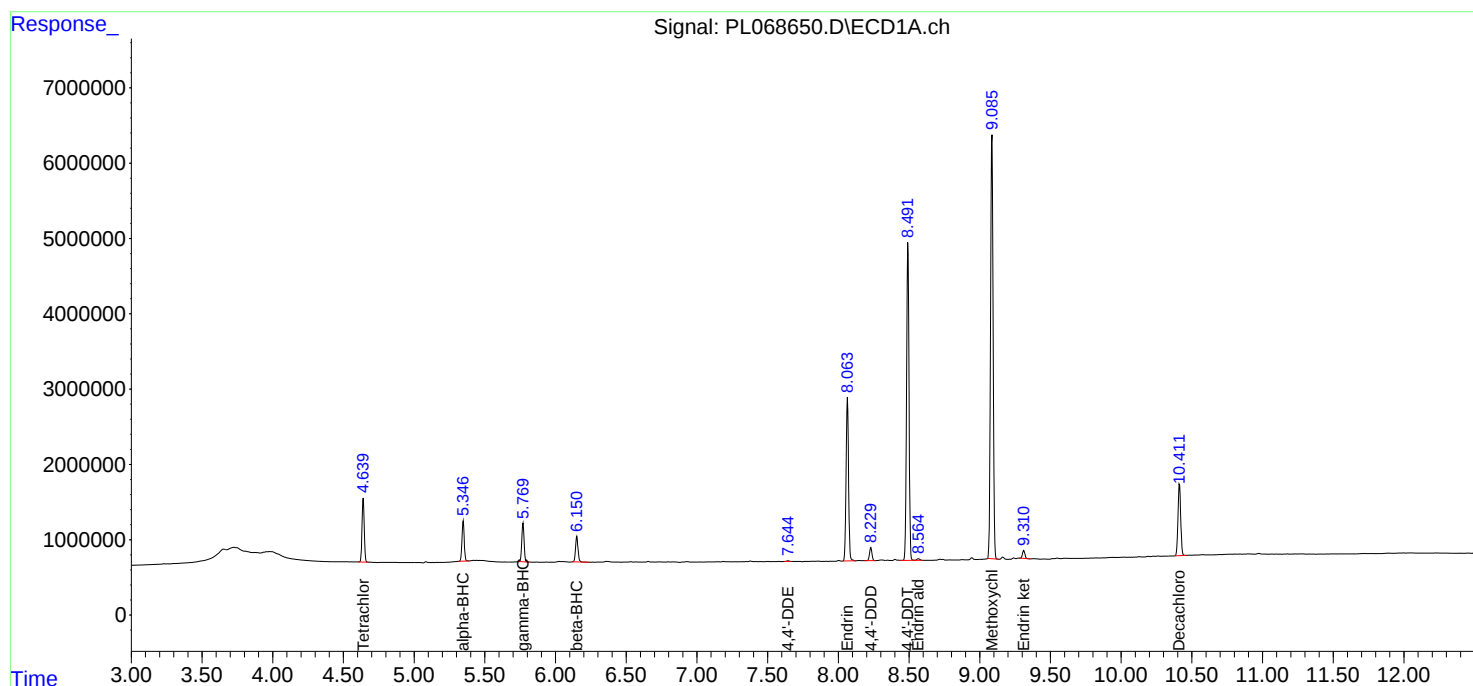
Instrument :
ECD_L
ClientSampleId :
PEM

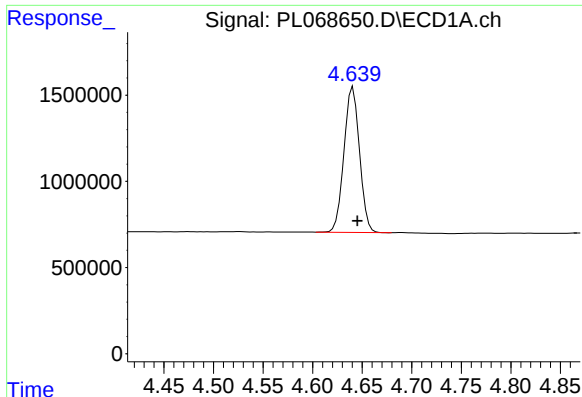
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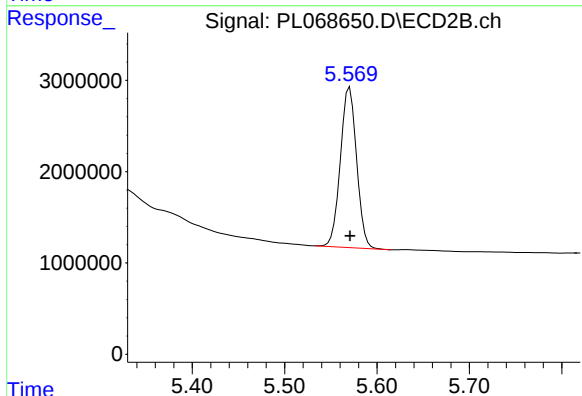
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 9205739
Conc: 21.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

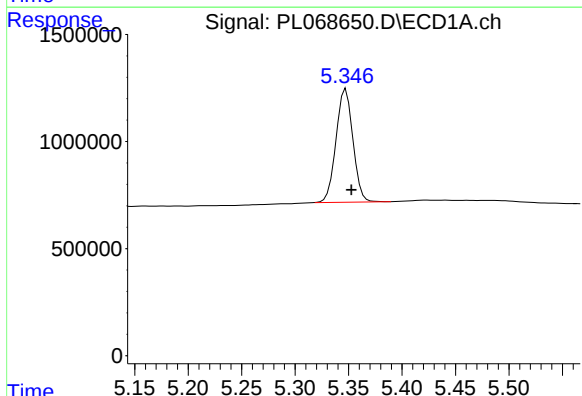
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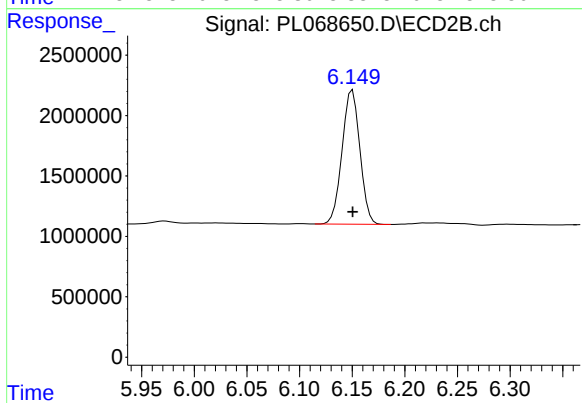
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 21434922
Conc: 21.01 ng/ml



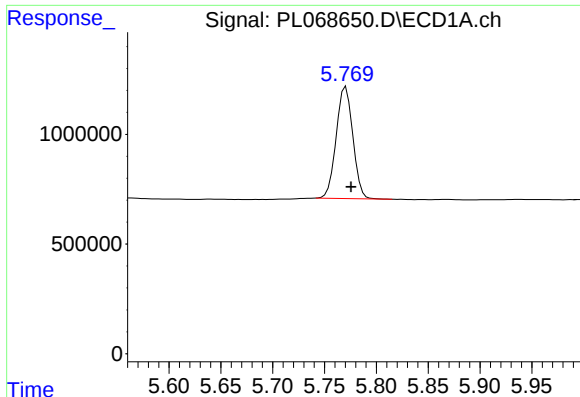
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 5812948
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 13159898
Conc: 9.68 ng/ml



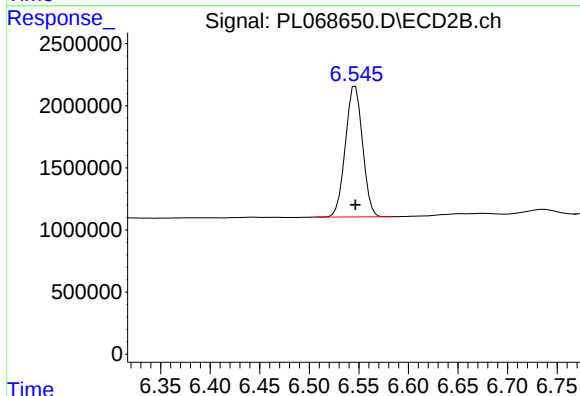
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.005 min
Response: 5690244
Conc: 10.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

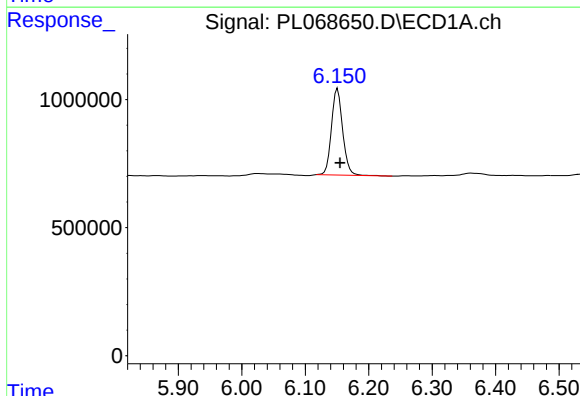
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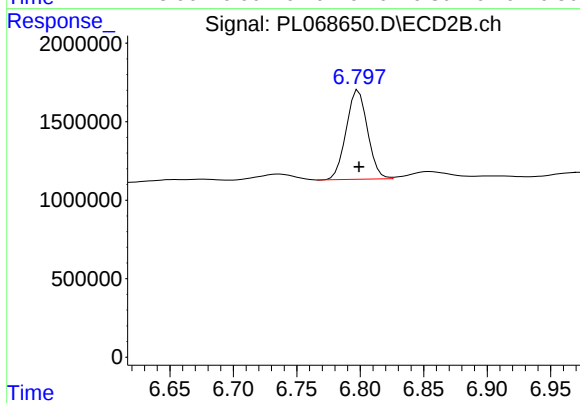
#3 gamma-BHC (Lindane)

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 12685626
Conc: 9.83 ng/ml



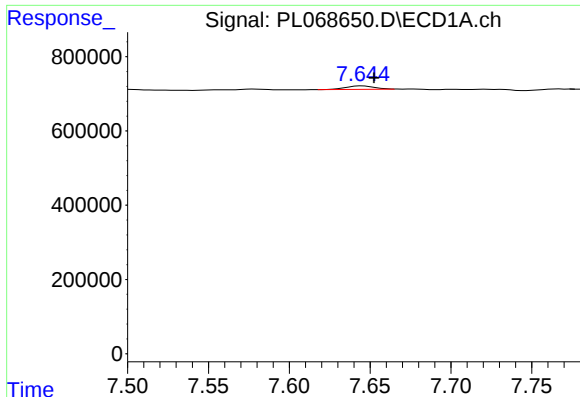
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 4152057
Conc: 14.19 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 6635579
Conc: 9.39 ng/ml



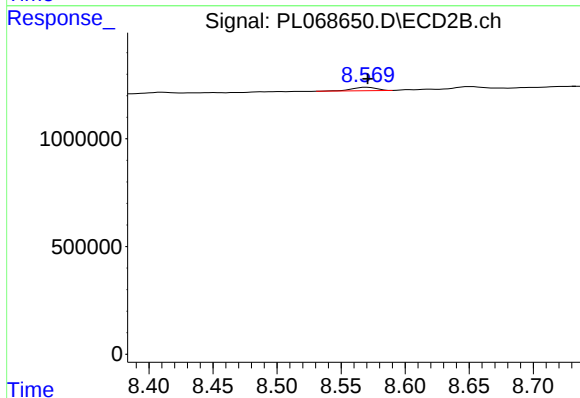
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.009 min
Response: 112767
Conc: 0.22 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

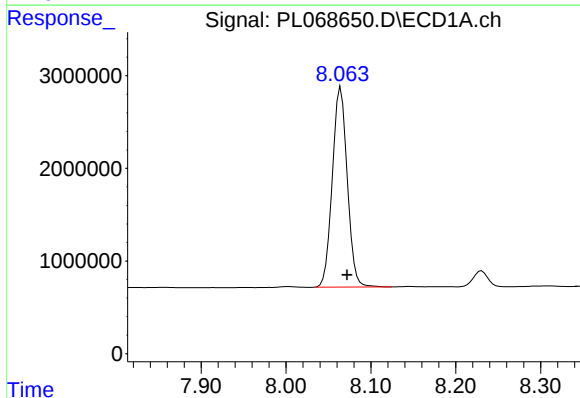
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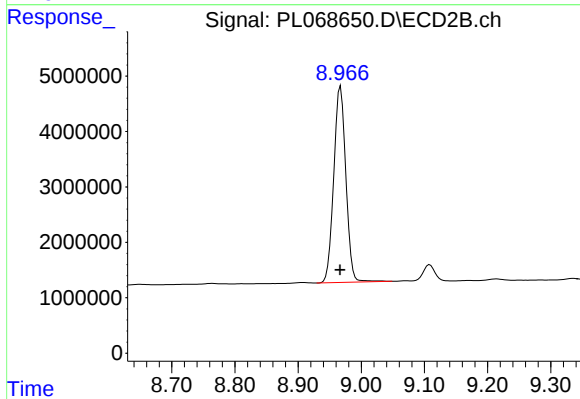
#12 4,4'-DDE

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 218655
Conc: 0.21 ng/ml



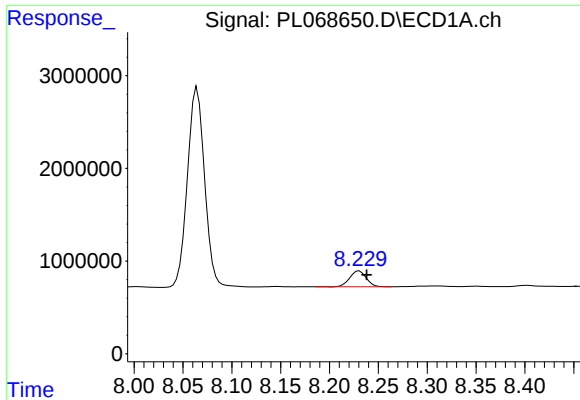
#14 Endrin

R.T.: 8.065 min
Delta R.T.: -0.007 min
Response: 26380028
Conc: 52.75 ng/ml



#14 Endrin

R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 47288667
Conc: 52.89 ng/ml



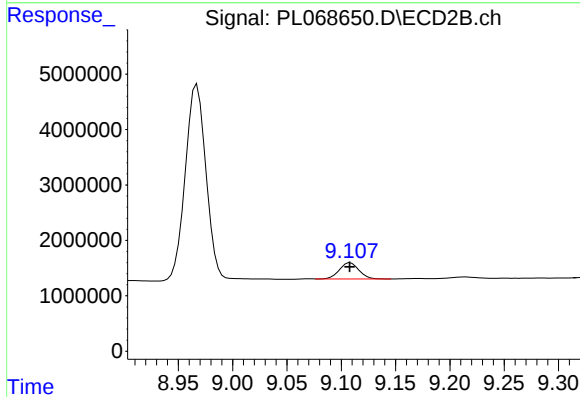
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: -0.008 min
Response: 2014785
Conc: 4.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

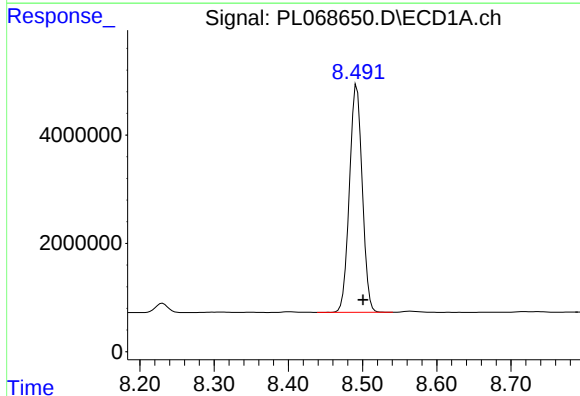
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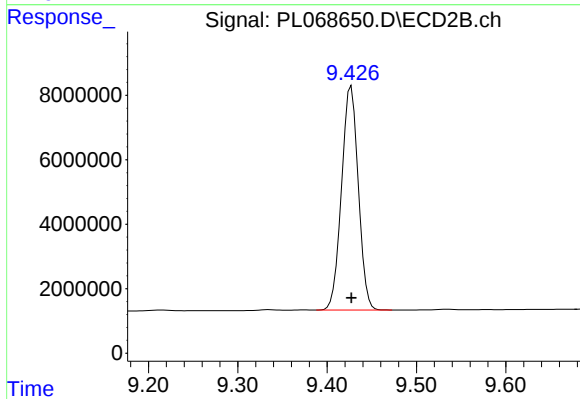
#16 4,4'-DDD

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 3642858
Conc: 4.28 ng/ml



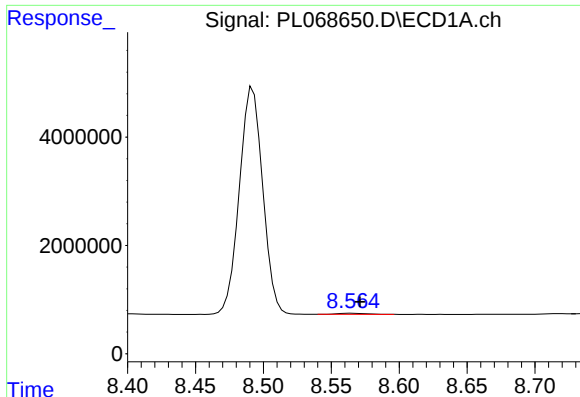
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.008 min
Response: 50377337
Conc: 100.43 ng/ml



#17 4,4'-DDT

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 90418872
Conc: 95.80 ng/ml



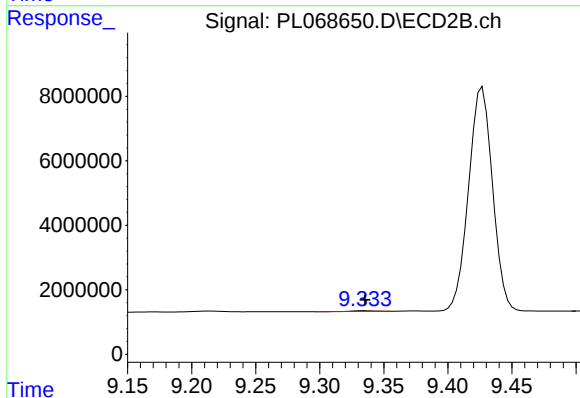
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: -0.007 min
Response: 302538
Conc: 0.76 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

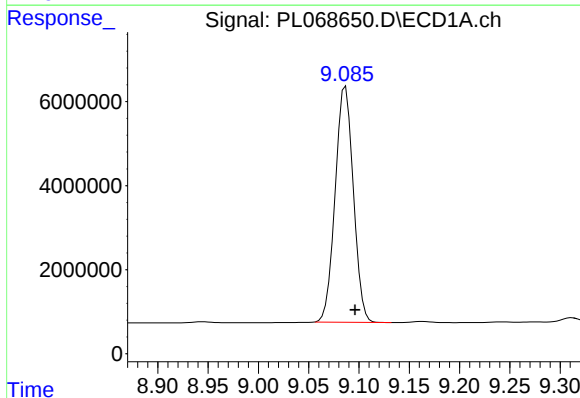
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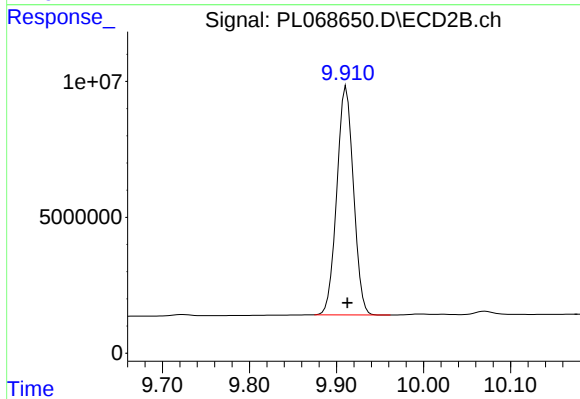
#18 Endrin aldehyde

R.T.: 9.336 min
Delta R.T.: 0.000 min
Response: 273735
Conc: 0.38 ng/ml



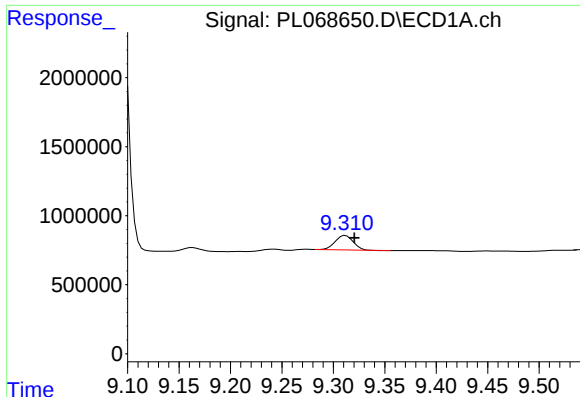
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: -0.009 min
Response: 70490381
Conc: 225.35 ng/ml



#20 Methoxychlor

R.T.: 9.911 min
Delta R.T.: -0.001 min
Response: 111682303
Conc: 219.83 ng/ml



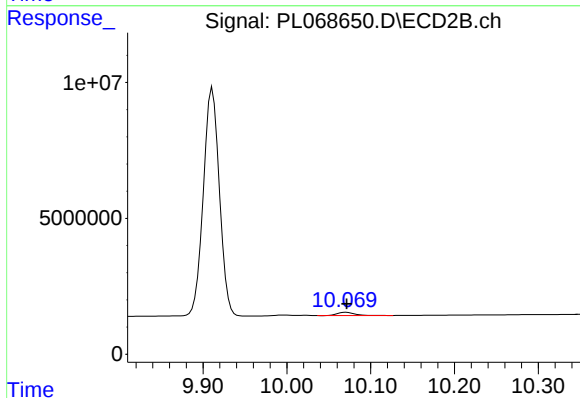
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.009 min
Response: 1259488
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

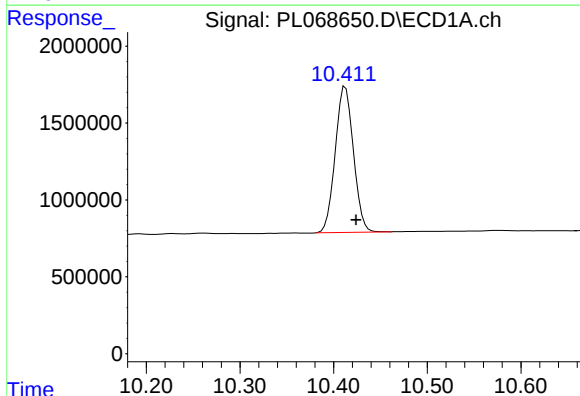
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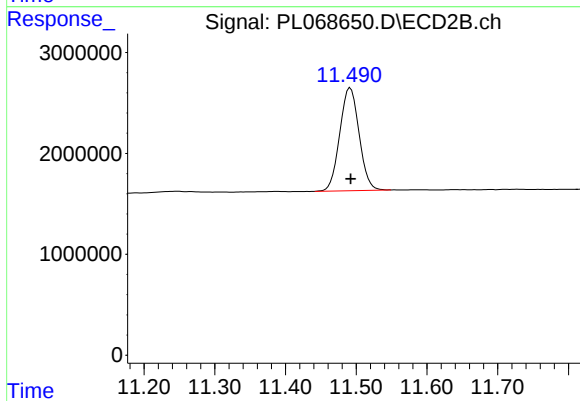
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 1751254
Conc: 1.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: -0.011 min
Response: 12826164
Conc: 22.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 19406744
Conc: 21.76 ng/ml