

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072921\
 Data File : PL068537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 08:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
 7/30/2021 9:01:05 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:14:44 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...	4.643	5.571	9671234	20473926	22.534	20.064
28)	SA Decachlor...	10.416	11.492	12206907	18651395	21.704	20.910
Target Compounds							
2)	A alpha-BHC	5.349	6.150	5737133	12581051	9.801	9.253
3)	MA gamma-BHC...	5.772	6.547	6004806	12162552	10.564	9.427
6)	B beta-BHC	6.152	6.799	4175249	6891032	14.268	9.754 #
12)	B 4,4'-DDE	7.646	8.568	178574	282857	0.354m	0.274m
14)	MA Endrin	8.067	8.968	25248579	41813813	50.488	46.763
16)	A 4,4'-DDD	8.233	9.109	3733256	6853776	8.358	8.049
17)	MA 4,4'-DDT	8.494	9.428	46402727	78365654	92.511	83.028
18)	B Endrin al...	8.566	9.335	654975	813115	1.653	1.128 #
20)	A Methoxychlor	9.089	9.912	63518789	98463435	203.060	193.812
21)	B Endrin ke...	9.315	10.071	2798693	3497148	4.727	3.507 #

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

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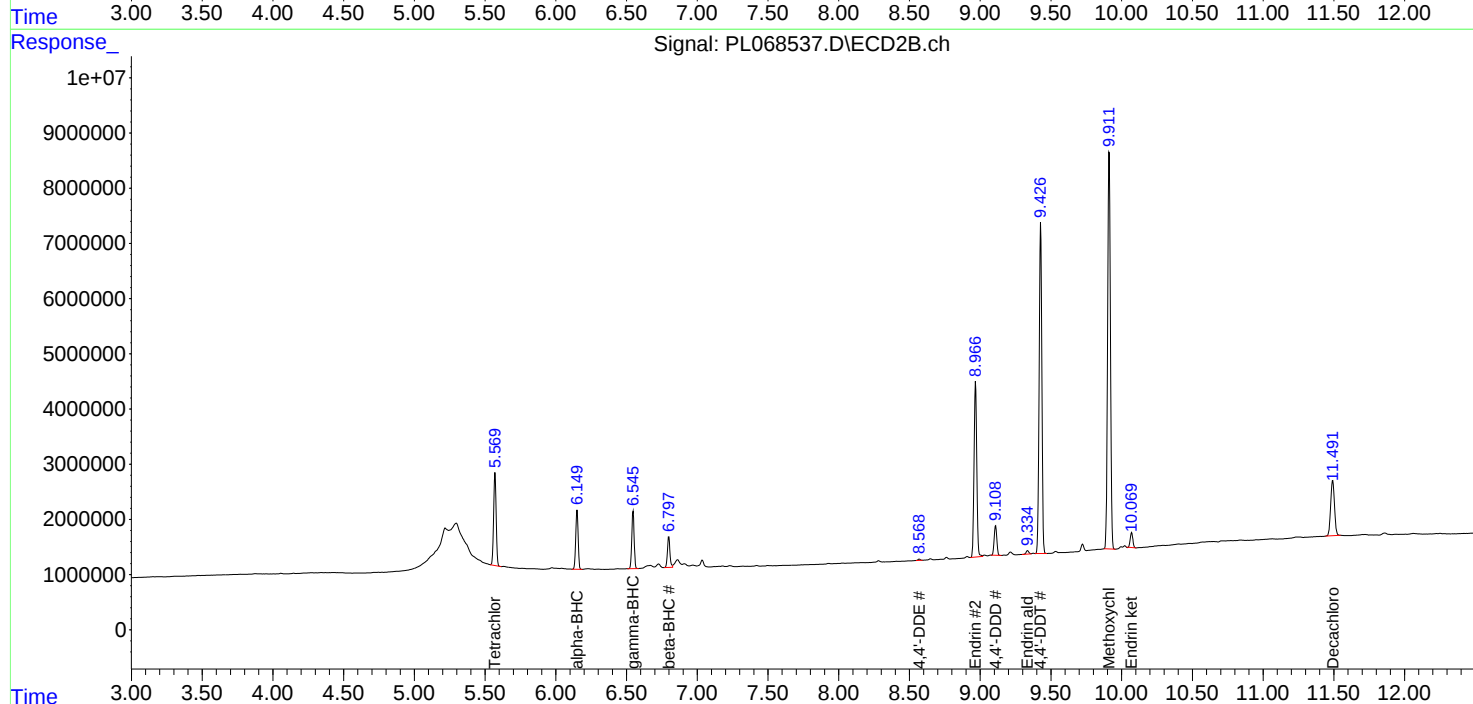
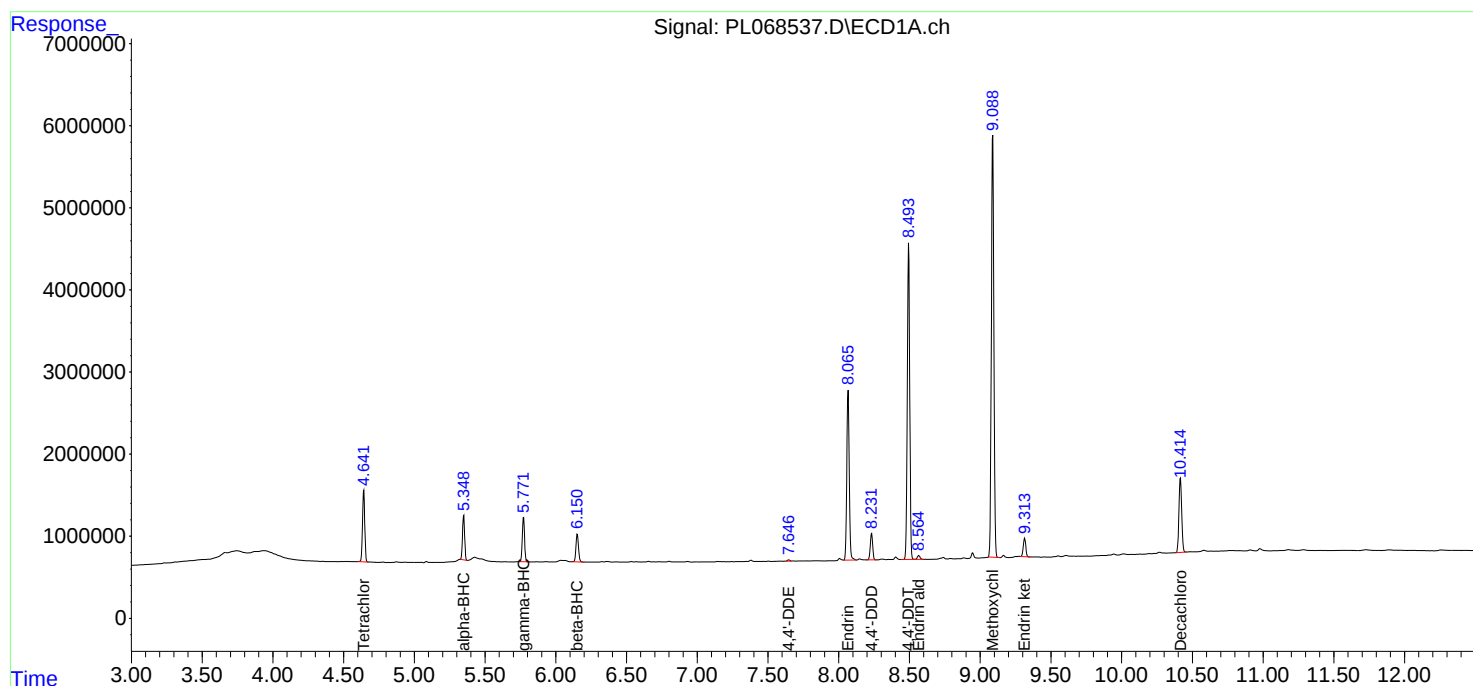
Instrument :
ECD_L
ClientSampleId :
PEM

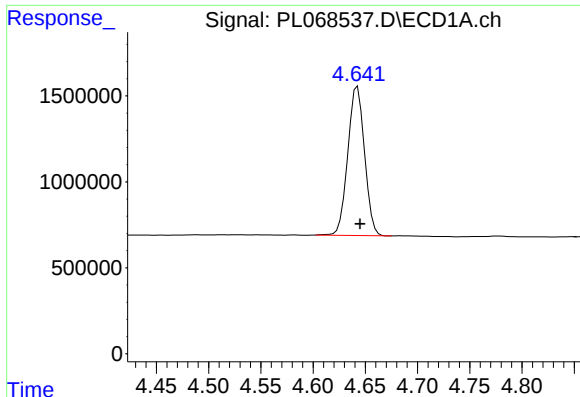
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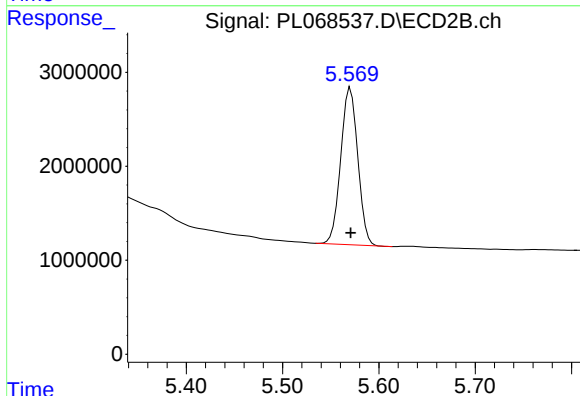
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 9671234
Conc: 22.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

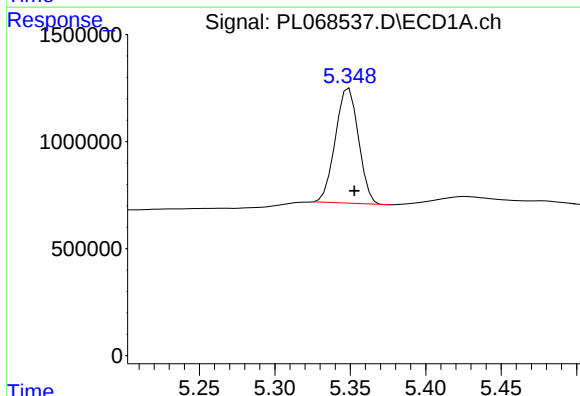
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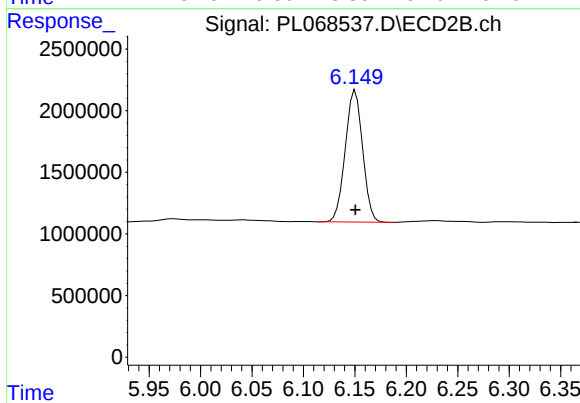
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 20473926
Conc: 20.06 ng/ml



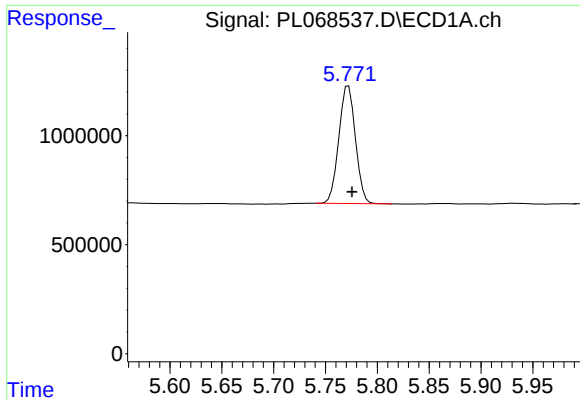
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 5737133
Conc: 9.80 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 12581051
Conc: 9.25 ng/ml



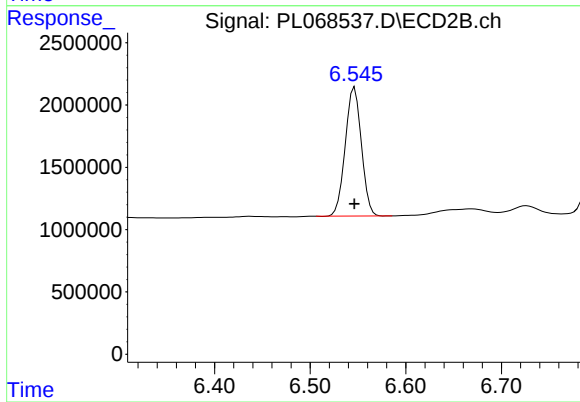
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 6004806
Conc: 10.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

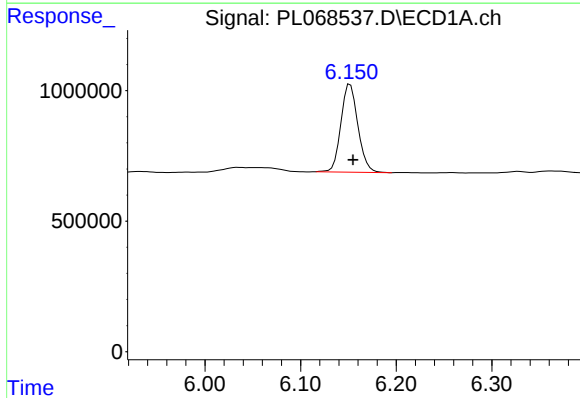
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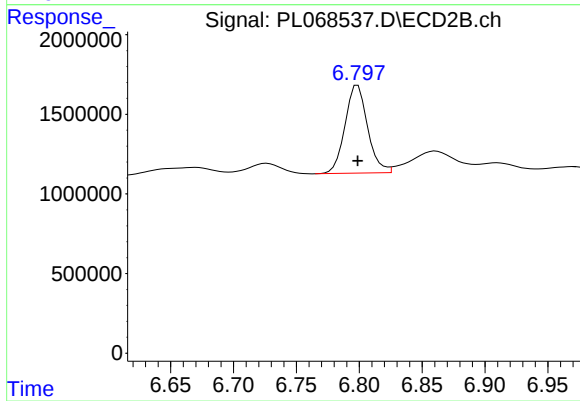
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 12162552
Conc: 9.43 ng/ml



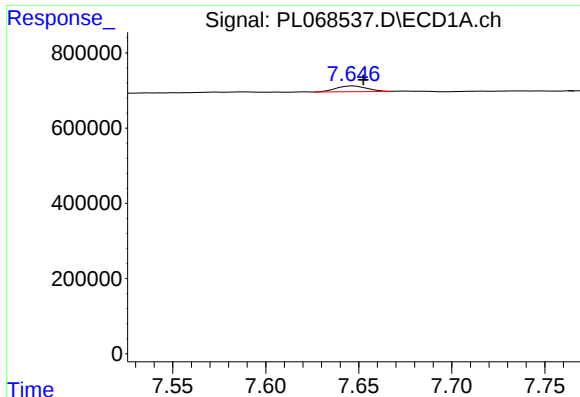
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 4175249
Conc: 14.27 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 6891032
Conc: 9.75 ng/ml



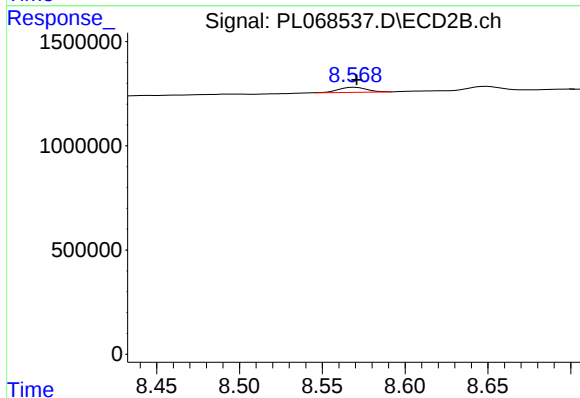
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.007 min
Response: 178574
Conc: 0.35 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

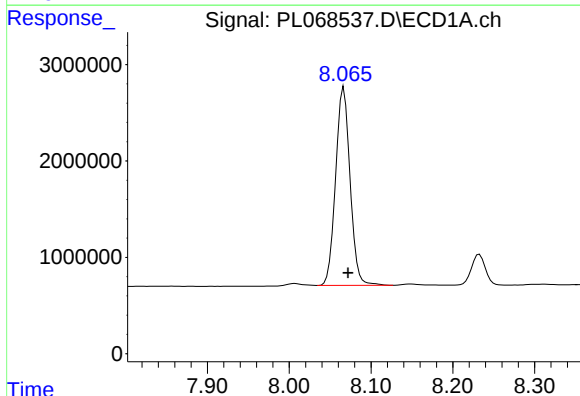
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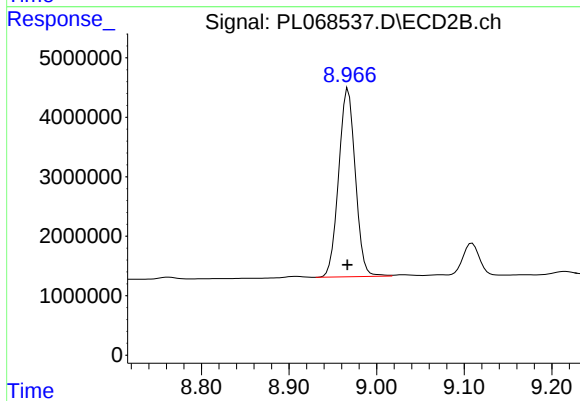
#12 4,4'-DDE

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 282857
Conc: 0.27 ng/ml m



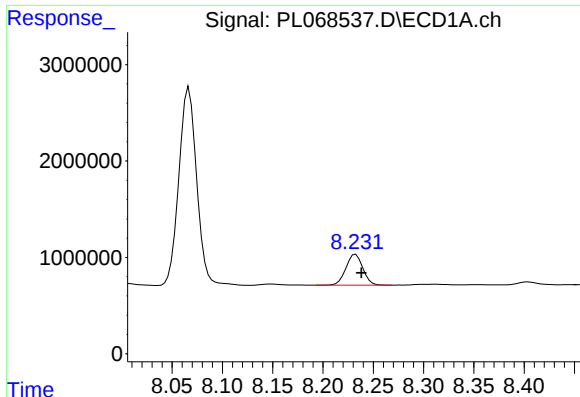
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.005 min
Response: 25248579
Conc: 50.49 ng/ml



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.001 min
Response: 41813813
Conc: 46.76 ng/ml



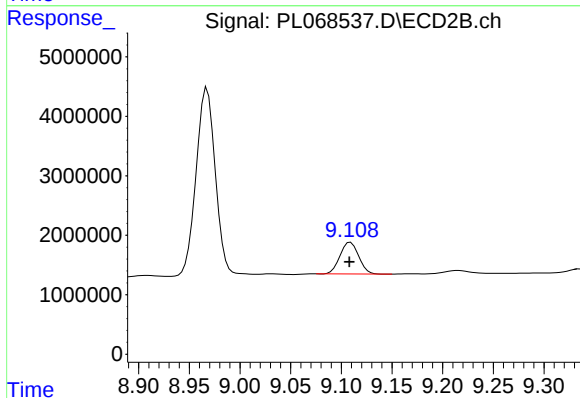
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.006 min
Response: 3733256
Conc: 8.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

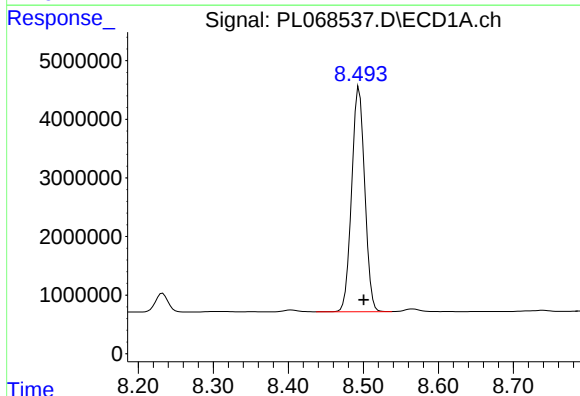
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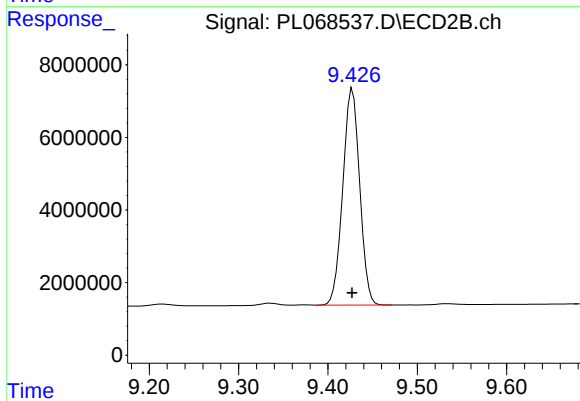
#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: 0.001 min
Response: 6853776
Conc: 8.05 ng/ml



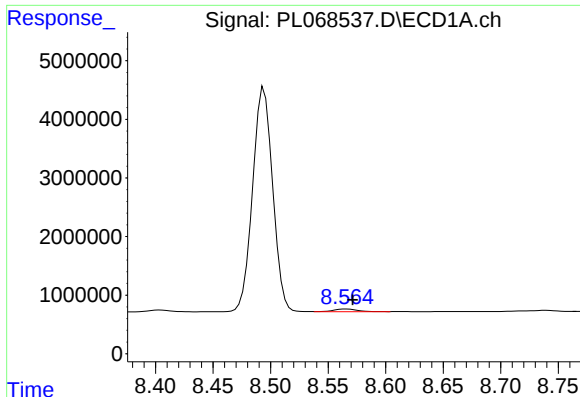
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 46402727
Conc: 92.51 ng/ml



#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 78365654
Conc: 83.03 ng/ml



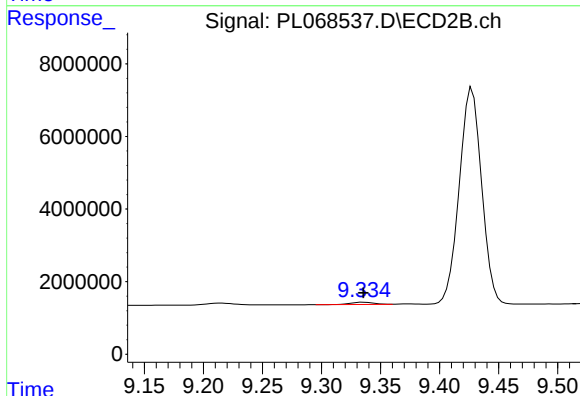
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.006 min
Response: 654975
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

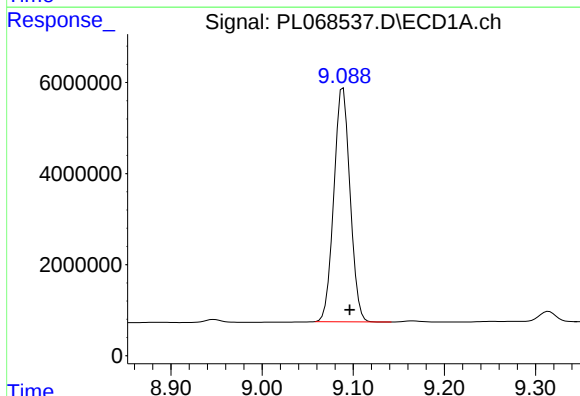
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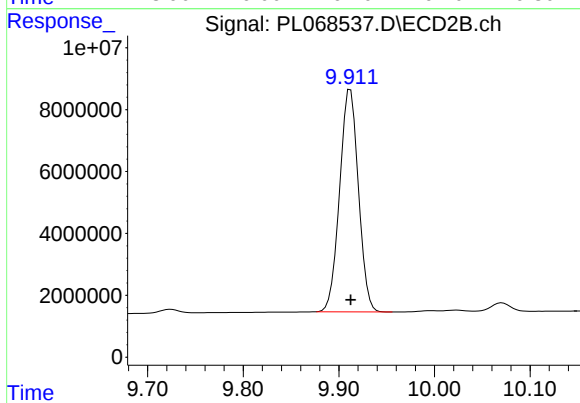
#18 Endrin aldehyde

R.T.: 9.335 min
Delta R.T.: 0.000 min
Response: 813115
Conc: 1.13 ng/ml



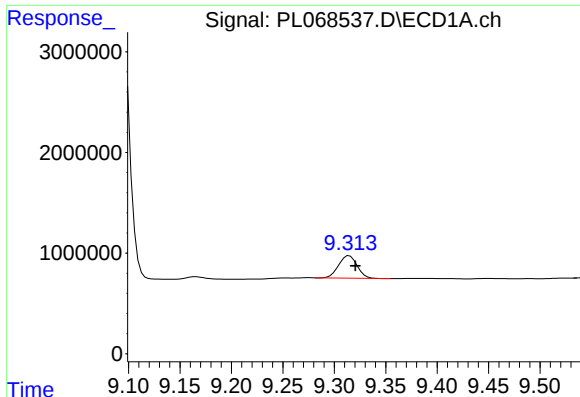
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.007 min
Response: 63518789
Conc: 203.06 ng/ml



#20 Methoxychlor

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 98463435
Conc: 193.81 ng/ml



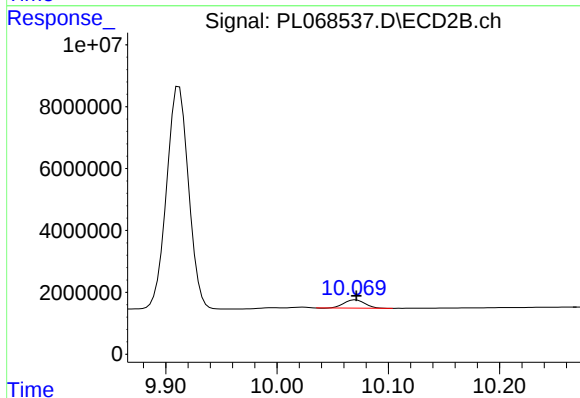
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.006 min
Response: 2798693
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

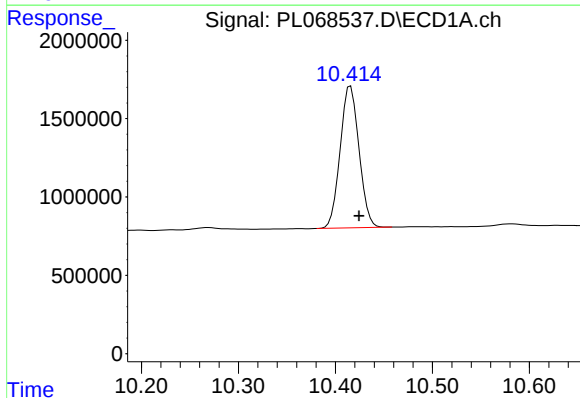
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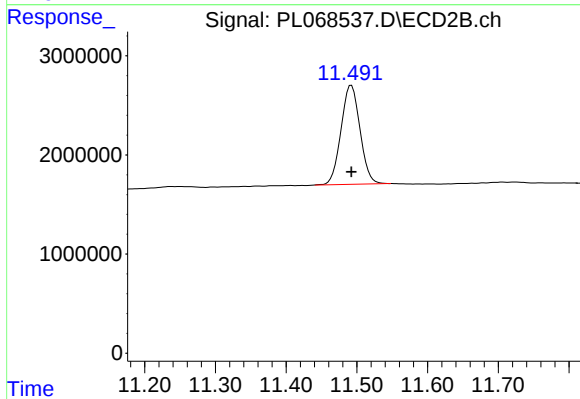
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 3497148
Conc: 3.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.009 min
Response: 12206907
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 18651395
Conc: 20.91 ng/ml