

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091021\
 Data File : PL069787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2021 10:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 17:56:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091021.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 13 17:55:23 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...	4.629	5.565	7528880	22384809	18.480	18.390
28)	SA Decachlor...	10.396	11.487	14677069	22658950	19.930	19.830
Target Compounds							
2)	A alpha-BHC	5.336	6.146	4187747	14510110	7.640	8.617
3)	MA gamma-BHC...	5.759	6.542	5047620	14379323	8.842	8.908
6)	B beta-BHC	6.138	6.796	6332903	9311680	12.862m	10.507
12)	B 4,4'-DDE	7.630	8.567	86625	256853	0.153m	0.194m#
14)	MA Endrin	8.051	8.964	27342086	54718891	45.920	48.563
16)	A 4,4'-DDD	8.217	9.108	116431	214881	0.236m	0.202m
17)	MA 4,4'-DDT	8.477	9.425	56293175	110.9E6	98.170	99.060
18)	B Endrin al...	8.558	9.335	91082	125964	0.174m	0.128m#
20)	A Methoxychlor	9.071	9.910	81967920	141.6E6	218.486	234.556
21)	B Endrin ke...	9.298	10.068	253308	365249	0.351m	0.296m

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

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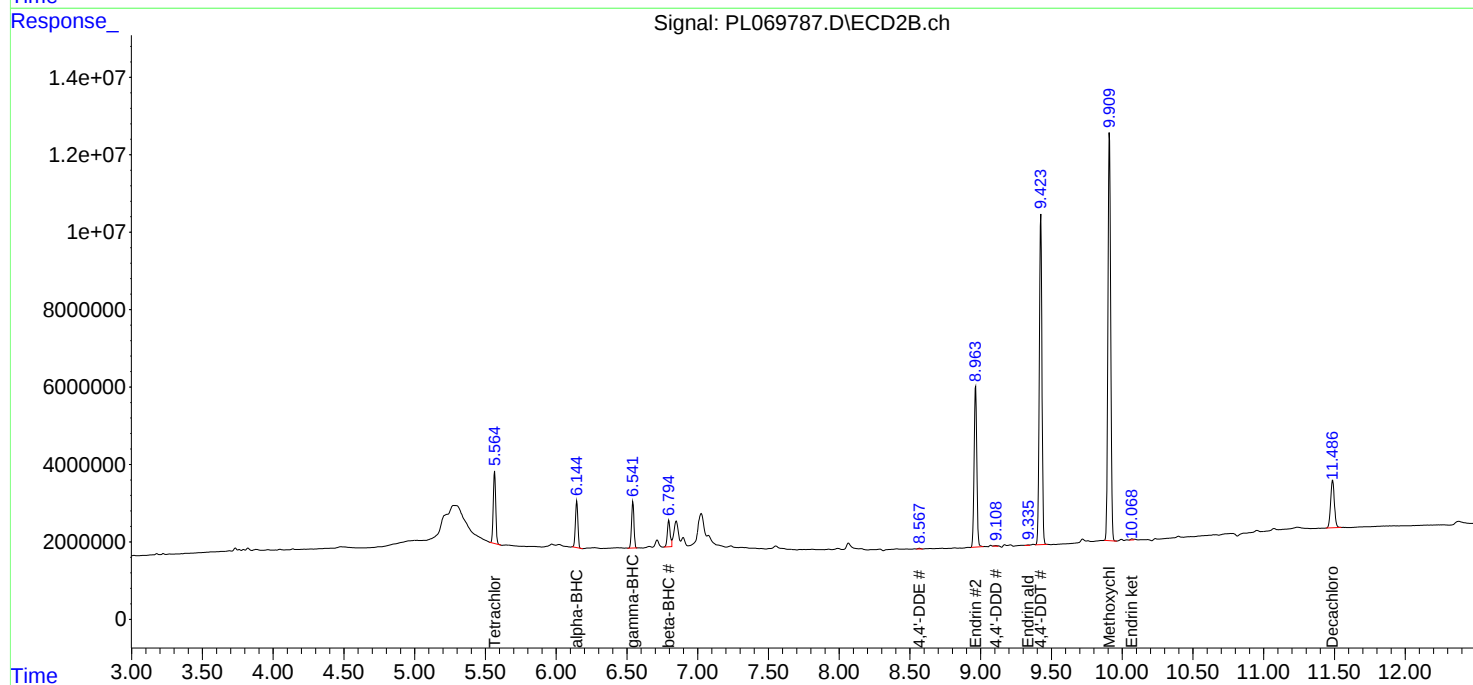
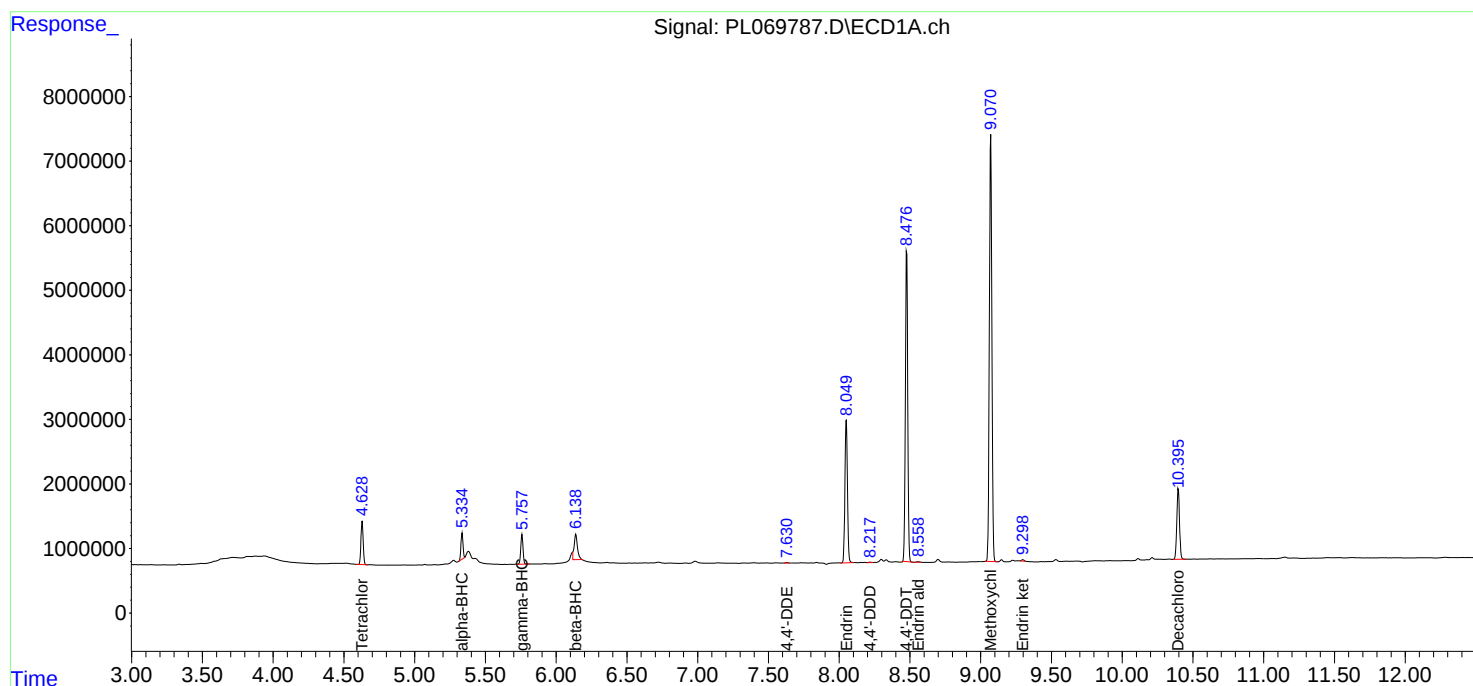
Instrument :
ECD_L
ClientSampleId :
PEM

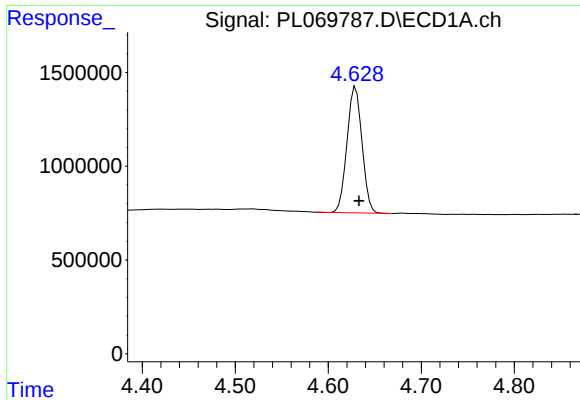
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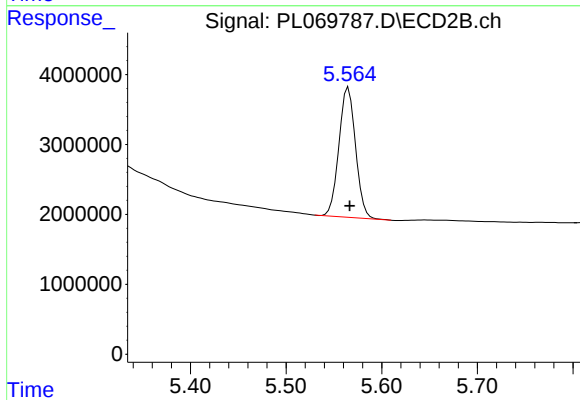
#1 Tetrachloro-m-xylene

R.T.: 4.629 min
Delta R.T.: -0.004 min
Response: 7528880
Conc: 18.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

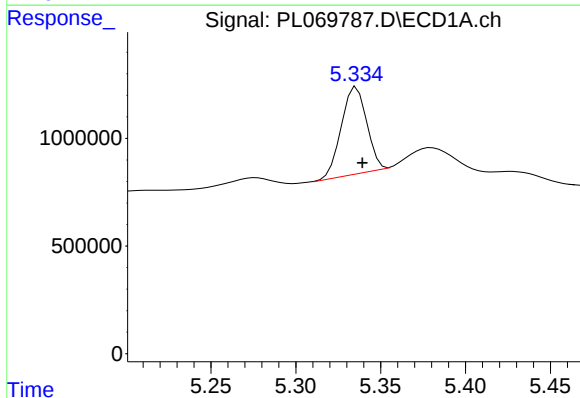
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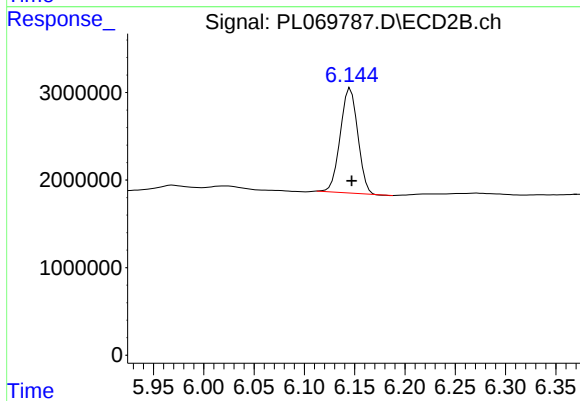
#1 Tetrachloro-m-xylene

R.T.: 5.565 min
Delta R.T.: -0.001 min
Response: 22384809
Conc: 18.39 ng/ml



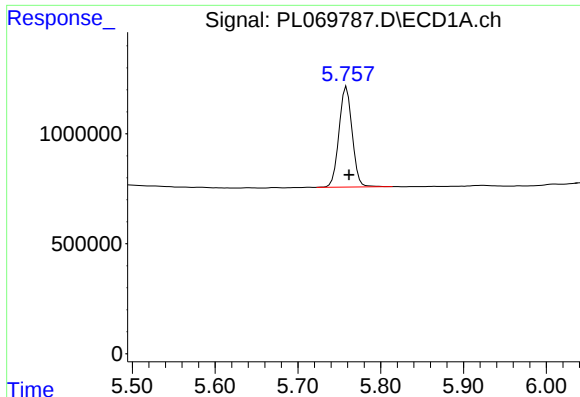
#2 alpha-BHC

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 4187747
Conc: 7.64 ng/ml



#2 alpha-BHC

R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 14510110
Conc: 8.62 ng/ml



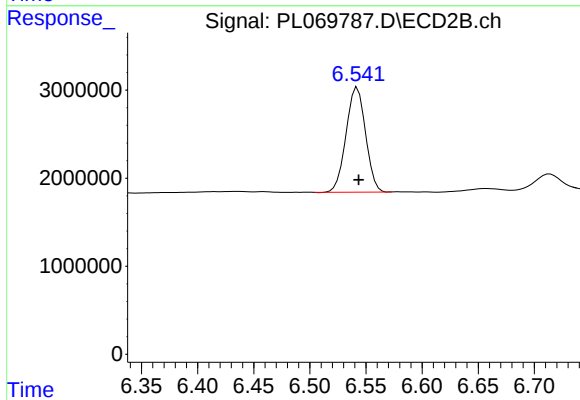
#3 gamma-BHC (Lindane)

R.T.: 5.759 min
Delta R.T.: -0.003 min
Response: 5047620
Conc: 8.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

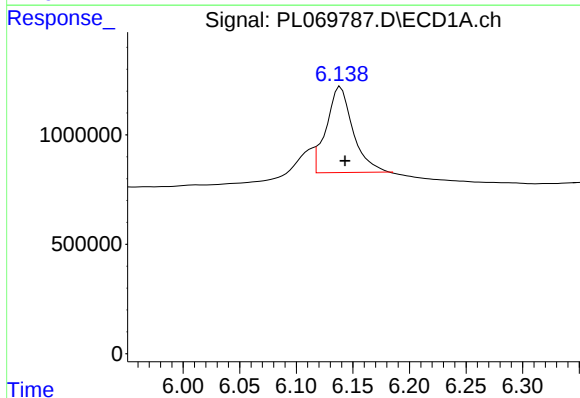
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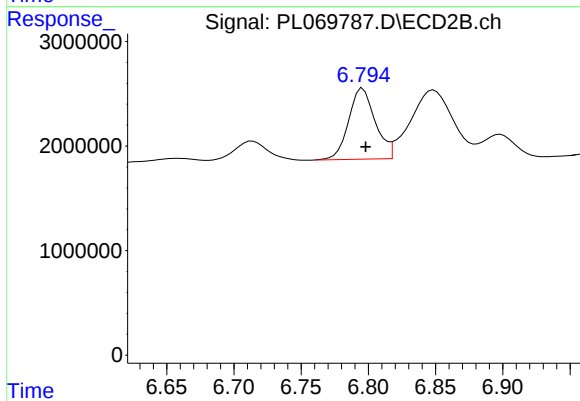
#3 gamma-BHC (Lindane)

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 14379323
Conc: 8.91 ng/ml



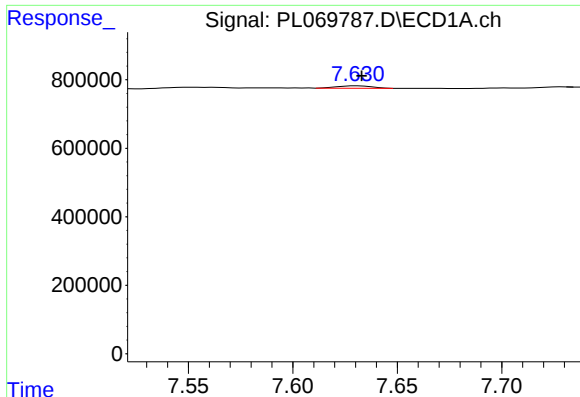
#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 6332903
Conc: 12.86 ng/ml m



#6 beta-BHC

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 9311680
Conc: 10.51 ng/ml



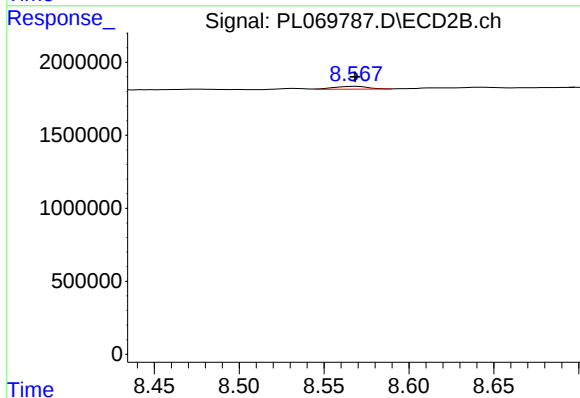
#12 4,4'-DDE

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 86625
Conc: 0.15 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

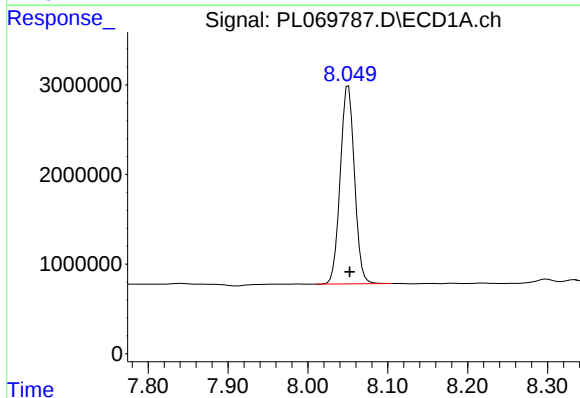
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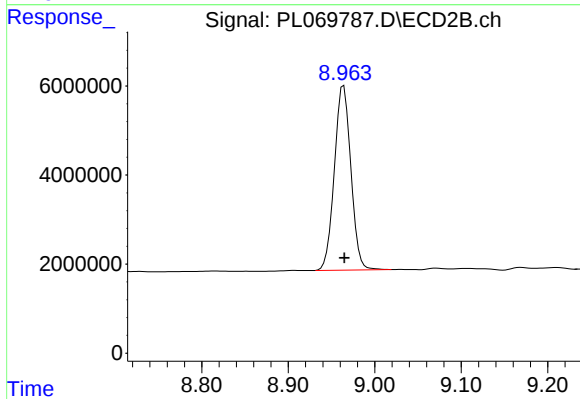
#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 256853
Conc: 0.19 ng/ml m



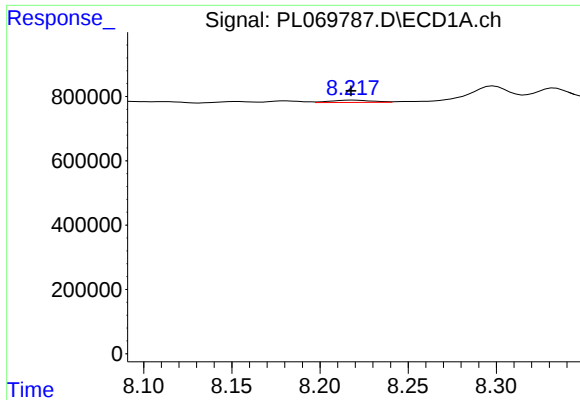
#14 Endrin

R.T.: 8.051 min
Delta R.T.: -0.002 min
Response: 27342086
Conc: 45.92 ng/ml



#14 Endrin

R.T.: 8.964 min
Delta R.T.: 0.000 min
Response: 54718891
Conc: 48.56 ng/ml



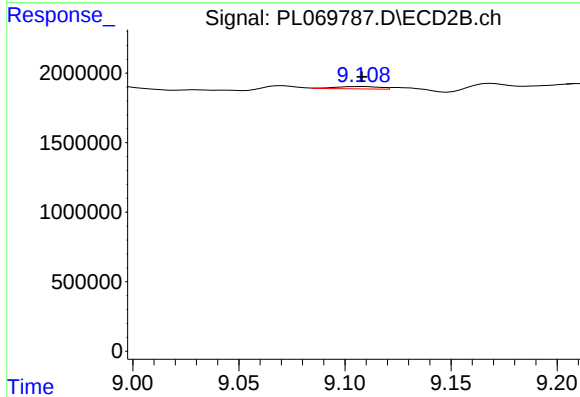
#16 4,4'-DDD

R.T.: 8.217 min
Delta R.T.: 0.000 min
Response: 116431
Conc: 0.24 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

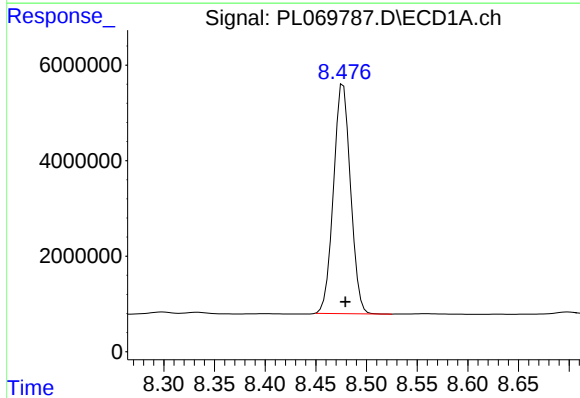
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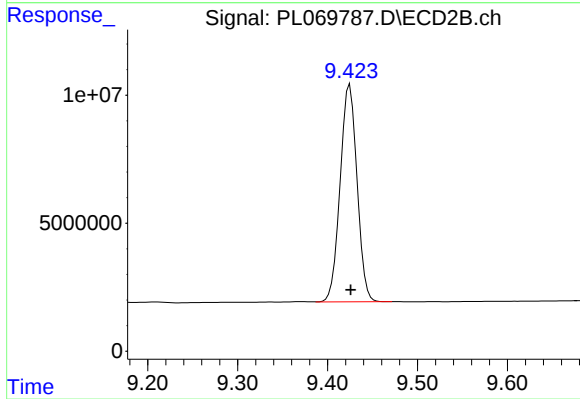
#16 4,4'-DDD

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 214881
Conc: 0.20 ng/ml m



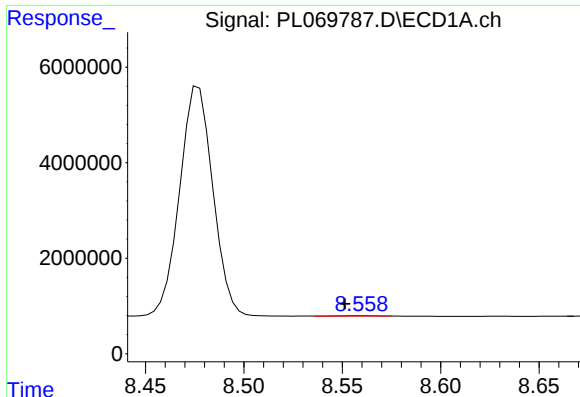
#17 4,4'-DDT

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 56293175
Conc: 98.17 ng/ml



#17 4,4'-DDT

R.T.: 9.425 min
Delta R.T.: 0.000 min
Response: 110904133
Conc: 99.06 ng/ml



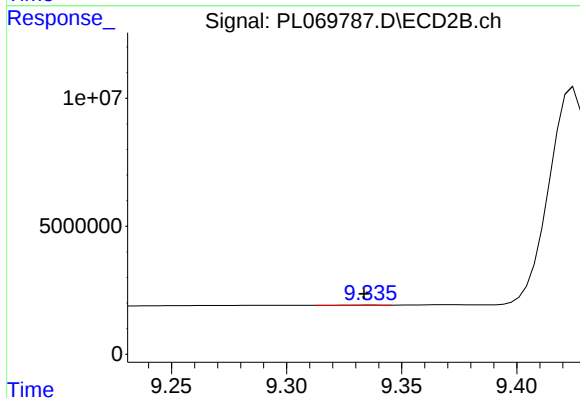
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: 0.007 min
Response: 91082
Conc: 0.17 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

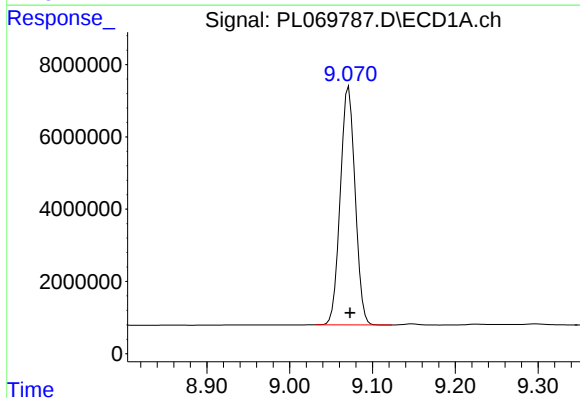
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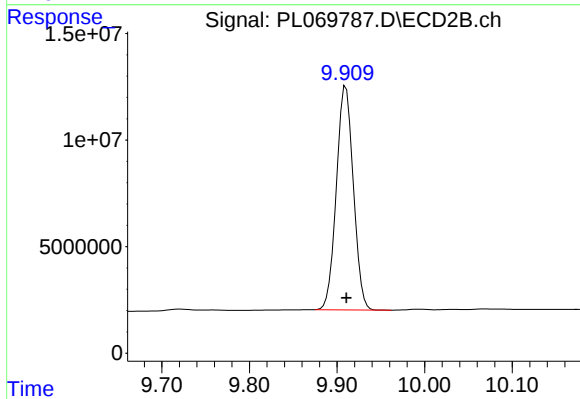
#18 Endrin aldehyde

R.T.: 9.335 min
Delta R.T.: 0.001 min
Response: 125964
Conc: 0.13 ng/ml m



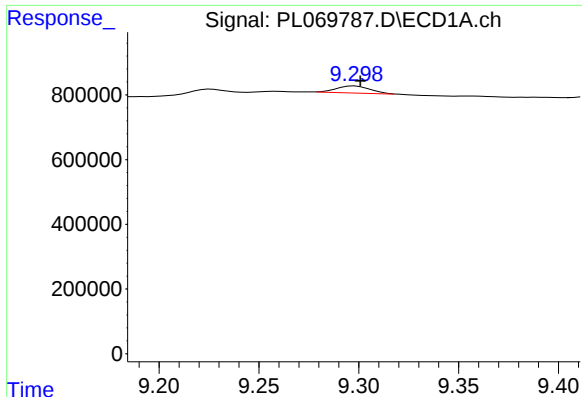
#20 Methoxychlor

R.T.: 9.071 min
Delta R.T.: -0.002 min
Response: 81967920
Conc: 218.49 ng/ml



#20 Methoxychlor

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 141579820
Conc: 234.56 ng/ml



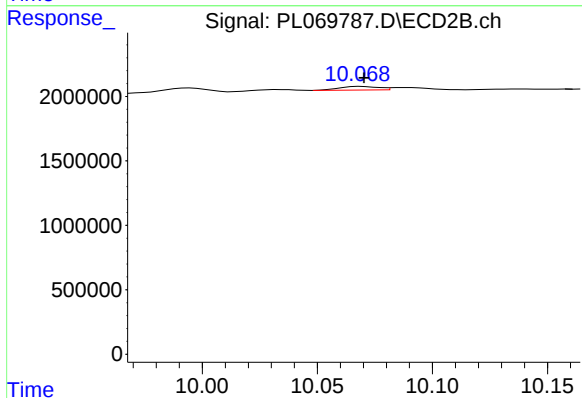
#21 Endrin ketone

R.T.: 9.298 min
Delta R.T.: -0.003 min
Response: 253308
Conc: 0.35 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

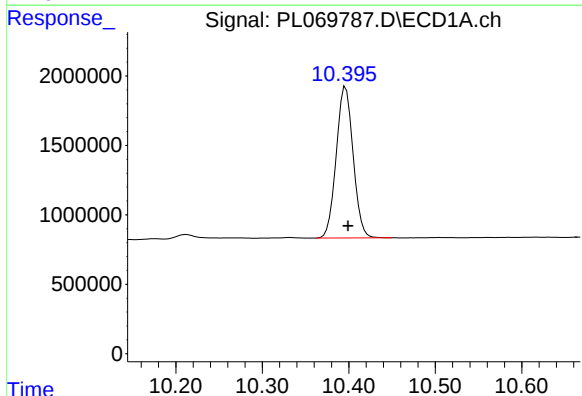
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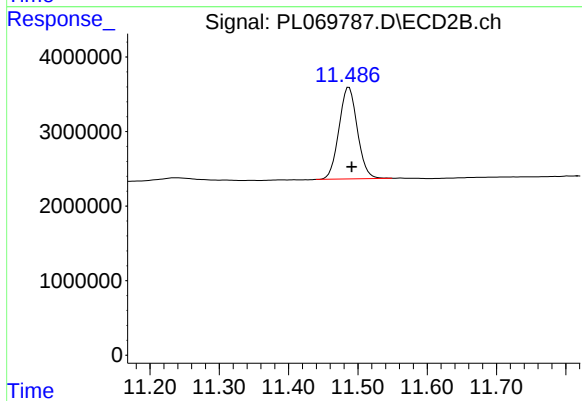
#21 Endrin ketone

R.T.: 10.068 min
Delta R.T.: -0.003 min
Response: 365249
Conc: 0.30 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.396 min
Delta R.T.: -0.003 min
Response: 14677069
Conc: 19.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.487 min
Delta R.T.: -0.004 min
Response: 22658950
Conc: 19.83 ng/ml