

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 06:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2022
 Supervised By : Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 22:48:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 2022
 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...	5.641	4.631	14202985	35404031	18.779	18.667
28)	SA Decachlor...	11.634	10.370	12876754	29929223	20.463	19.487
Target Compounds							
2)	A alpha-BHC	6.225	5.332	8817128	22337069	8.926	9.139
3)	MA gamma-BHC...	6.623	5.753	8717961	21179211	9.417	9.161
6)	B beta-BHC	6.875	6.132	4561728	11951013	10.416	11.457
14)	MA Endrin	9.059	8.034	29102672	66731677	46.676	43.911
16)	A 4,4'-DDD	9.198	8.197	554434	1201513	0.978	0.866m
17)	MA 4,4'-DDT	9.519	8.458	61709696	148.1E6	101.086	100.102
18)	B Endrin al...	9.428	8.533	564468	2166127	1.093	1.814 #
20)	A Methoxychlor	10.004	9.050	86610402	195.5E6	252.502	229.583
21)	B Endrin ke...	10.178	9.279	4063203	4688901	5.637	2.838 #

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

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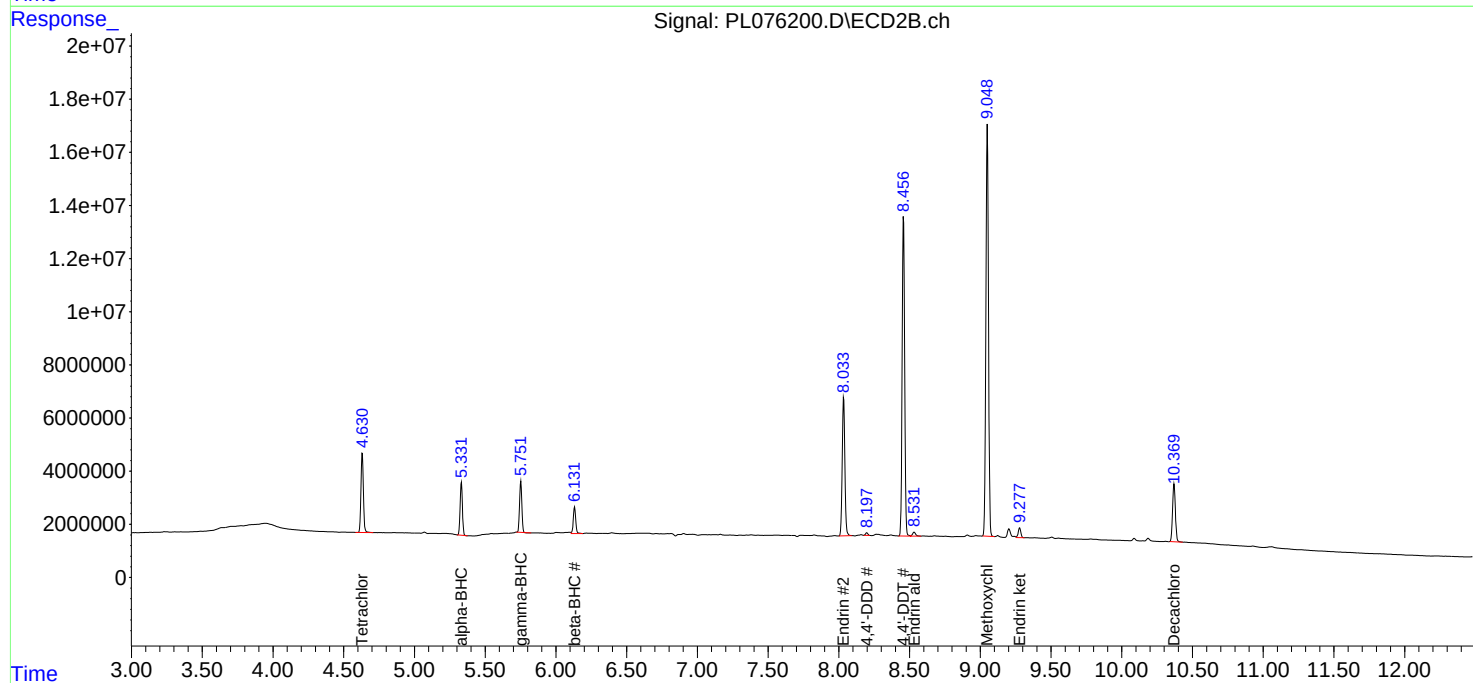
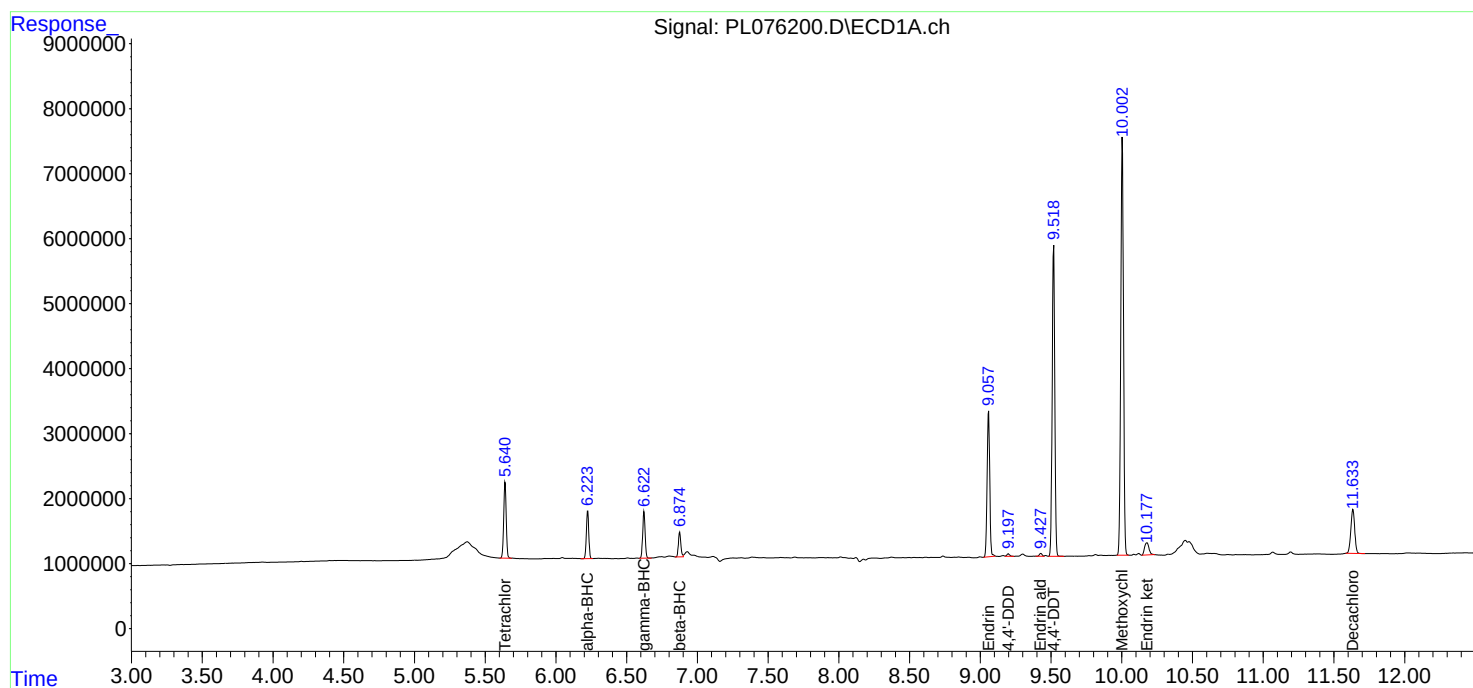
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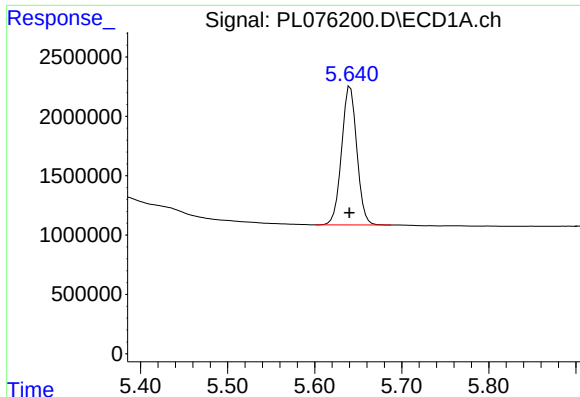
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Integration File signal 1: autoint1.e
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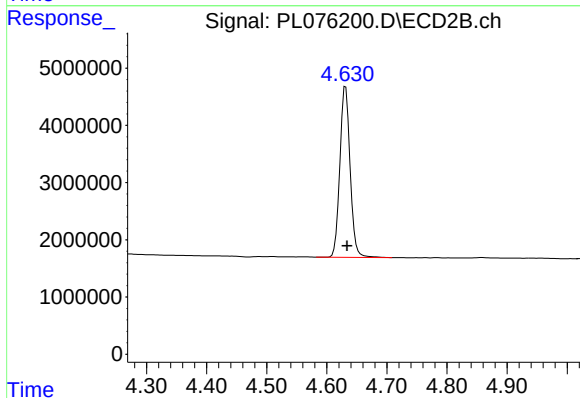
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 14202985
Conc: 18.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

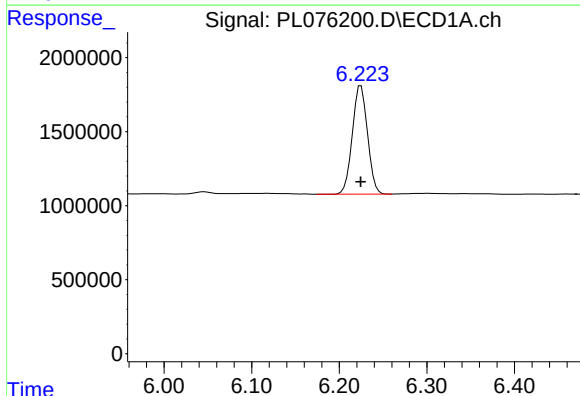
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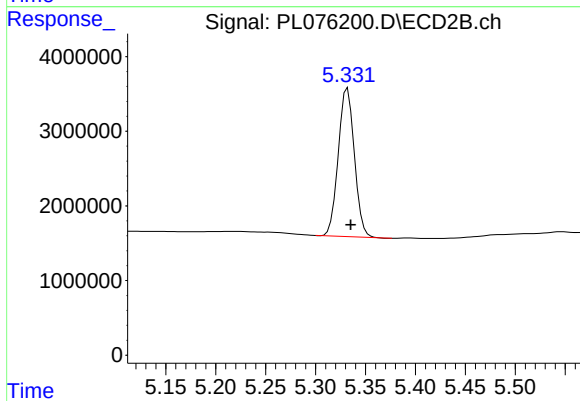
#1 Tetrachloro-m-xylene

R.T.: 4.631 min
Delta R.T.: -0.003 min
Response: 35404031
Conc: 18.67 ng/ml



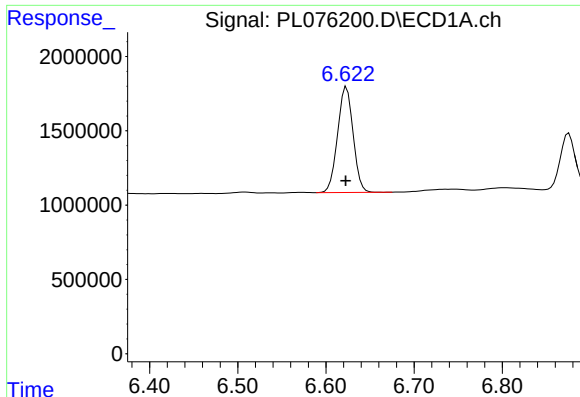
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8817128
Conc: 8.93 ng/ml



#2 alpha-BHC

R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 22337069
Conc: 9.14 ng/ml



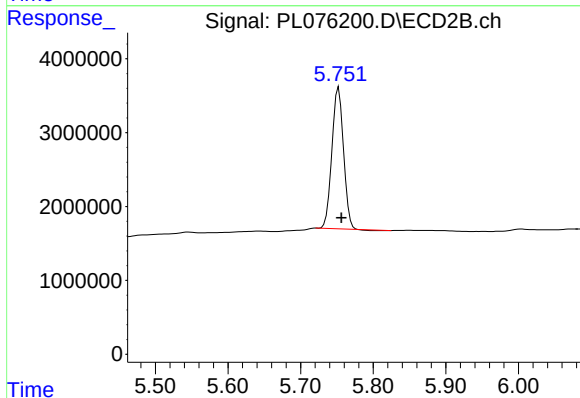
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 8717961
Conc: 9.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

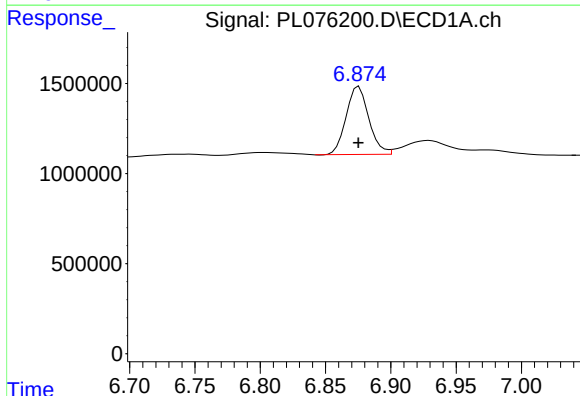
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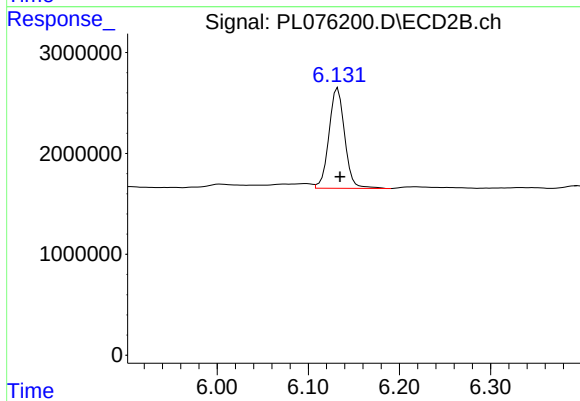
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 21179211
Conc: 9.16 ng/ml



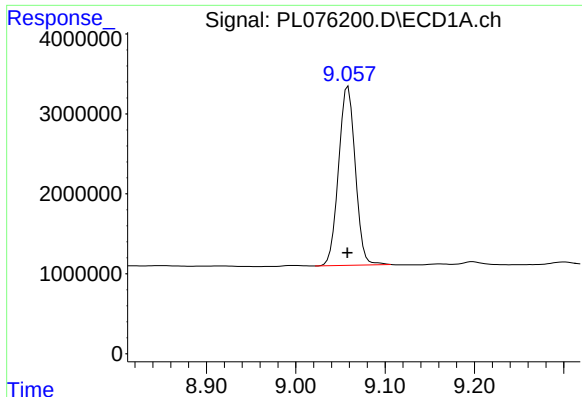
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4561728
Conc: 10.42 ng/ml



#6 beta-BHC

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 11951013
Conc: 11.46 ng/ml



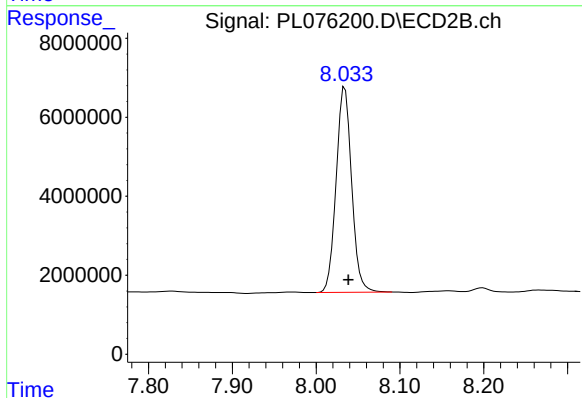
#14 Endrin

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 29102672
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

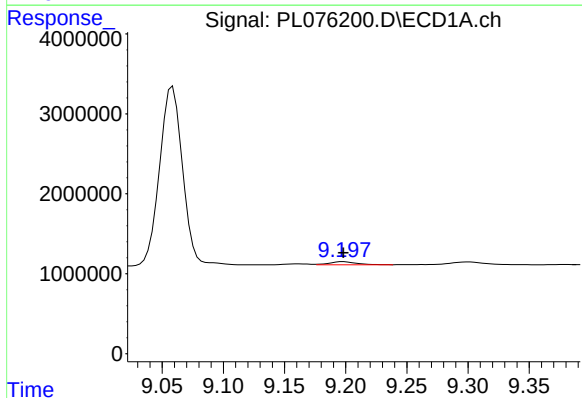
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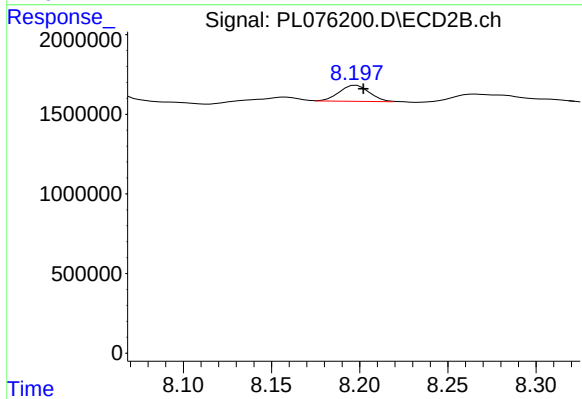
#14 Endrin

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 66731677
Conc: 43.91 ng/ml



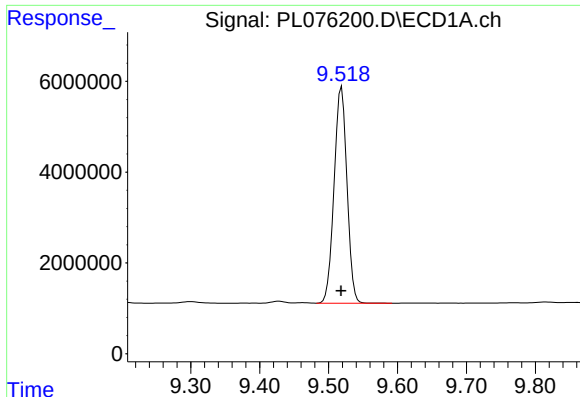
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 554434
Conc: 0.98 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 1201513
Conc: 0.87 ng/ml m



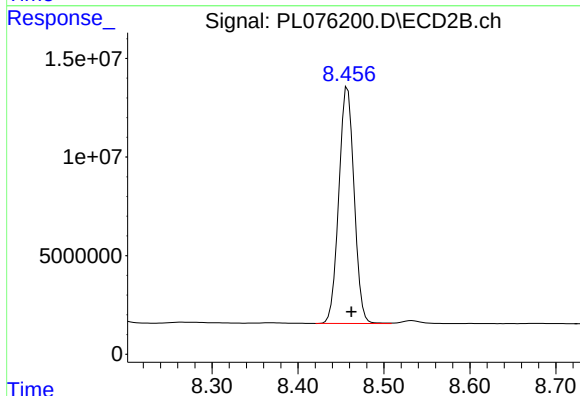
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.001 min
Response: 61709696
Conc: 101.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

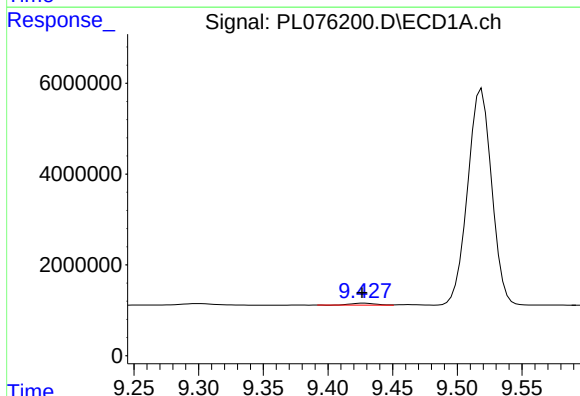
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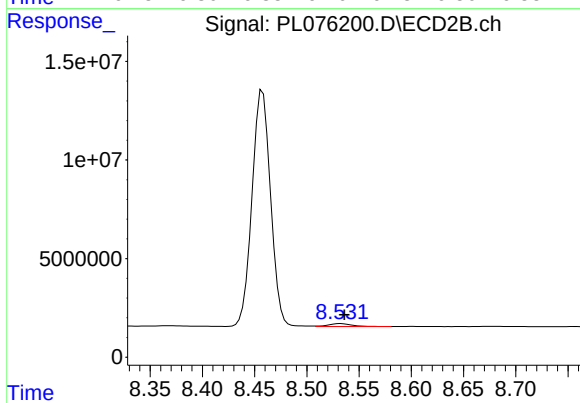
#17 4,4'-DDT

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 148050971
Conc: 100.10 ng/ml



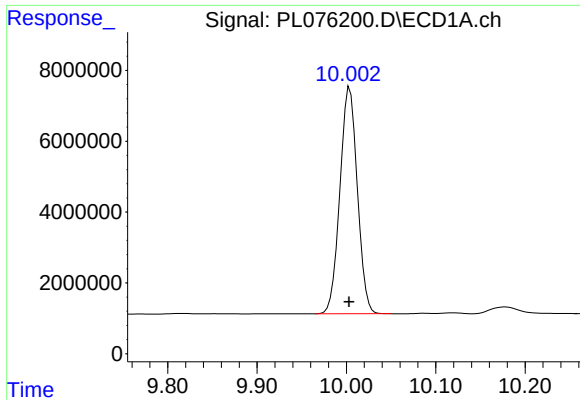
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.002 min
Response: 564468
Conc: 1.09 ng/ml



#18 Endrin aldehyde

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 2166127
Conc: 1.81 ng/ml



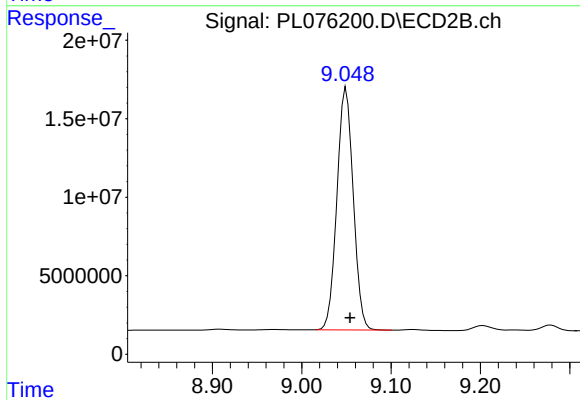
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: 0.000 min
Response: 86610402
Conc: 252.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

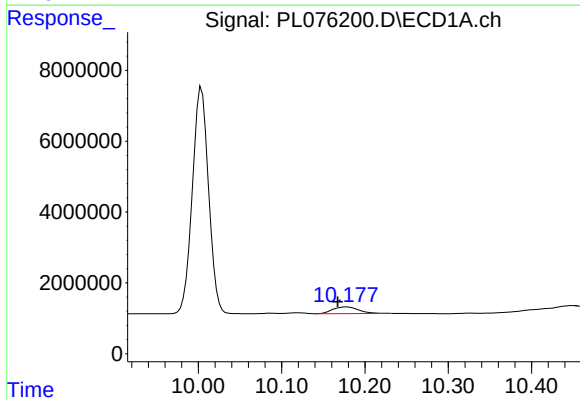
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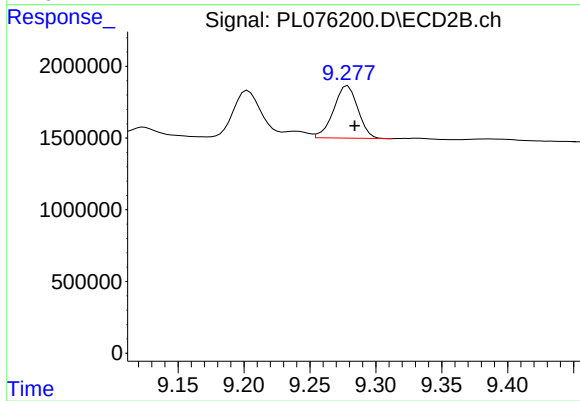
#20 Methoxychlor

R.T.: 9.050 min
Delta R.T.: -0.004 min
Response: 195508223
Conc: 229.58 ng/ml



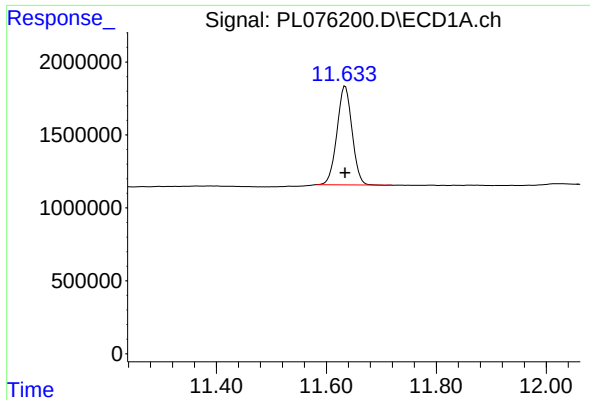
#21 Endrin ketone

R.T.: 10.178 min
Delta R.T.: 0.011 min
Response: 4063203
Conc: 5.64 ng/ml



#21 Endrin ketone

R.T.: 9.279 min
Delta R.T.: -0.005 min
Response: 4688901
Conc: 2.84 ng/ml



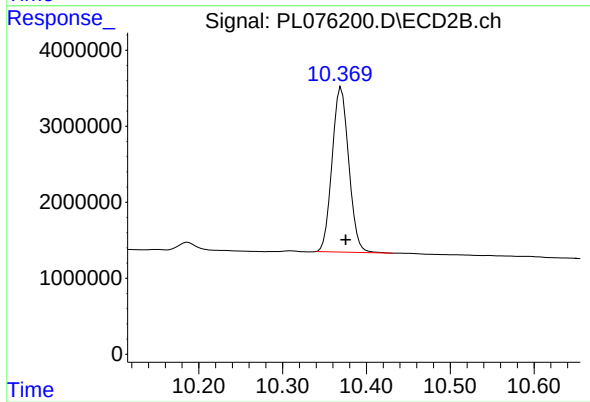
#28 Decachlorobiphenyl

R.T.: 11.634 min
Delta R.T.: 0.000 min
Response: 12876754
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: -0.006 min
Response: 29929223
Conc: 19.49 ng/ml