

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071222\
 Data File : PL076390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 19:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/13/2022
 Supervised By : Ankita Jodhani 07/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 23:45:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070822.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 08 16:50:17 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...	5.638	4.623	15326636	43437516	21.275	21.484
28)	SA Decachlor...	11.626	10.358	12891349	34554369	21.851	20.593
Target Compounds							
2)	A alpha-BHC	6.221	5.323	9574223	31208848	10.216	11.379
3)	MA gamma-BHC...	6.619	5.743	9466178	26140125	10.802	10.621
6)	B beta-BHC	6.872	6.124	5659951	14689052	12.876	13.431
14)	MA Endrin	9.053	8.023	31046632	80541006	53.958	55.711
16)	A 4,4'-DDD	9.193	8.187	1130157	3183872	2.163	2.196
17)	MA 4,4'-DDT	9.513	8.447	64845102	178.5E6	109.154	114.147
18)	B Endrin al...	9.422	8.522	727715	2320485	1.508	1.852
20)	A Methoxychlor	9.998	9.038	87620051	231.1E6	261.468	270.961m
21)	B Endrin ke...	10.162	9.267	2494428	7750241	3.690	4.605

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

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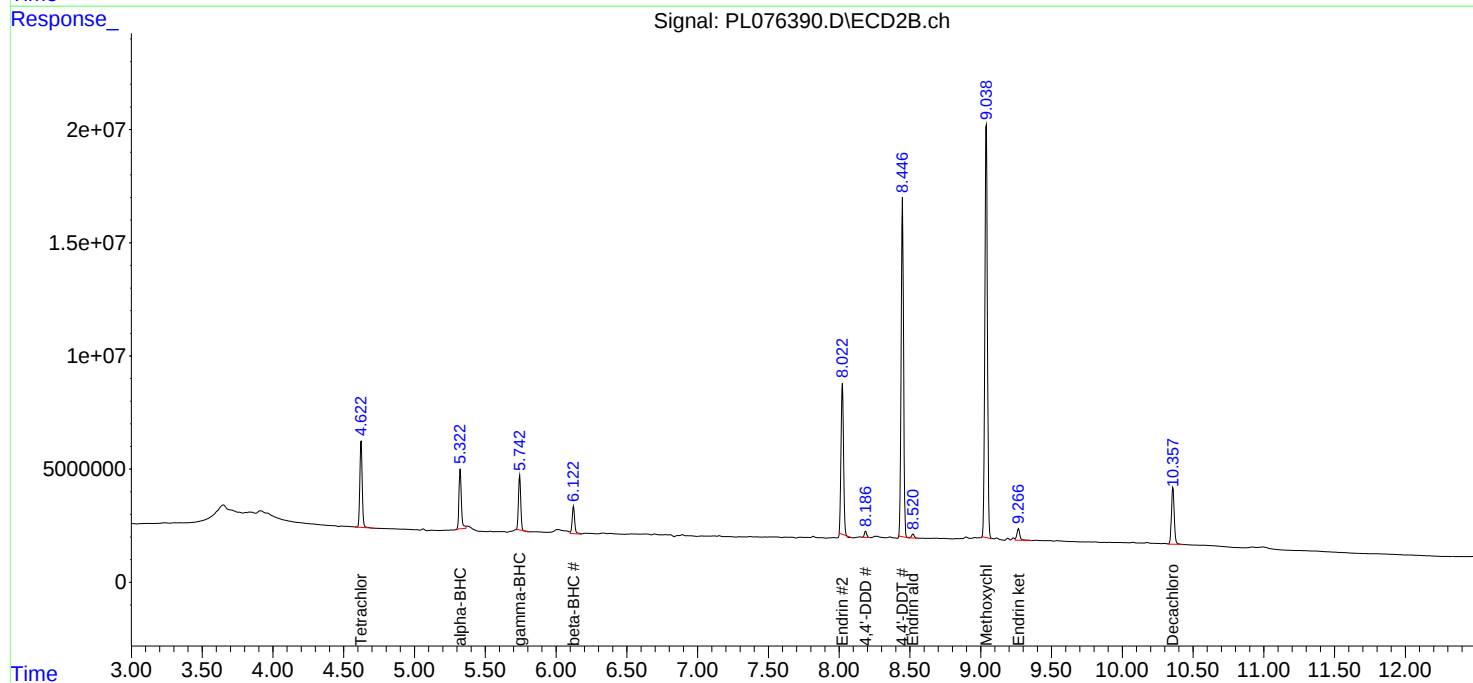
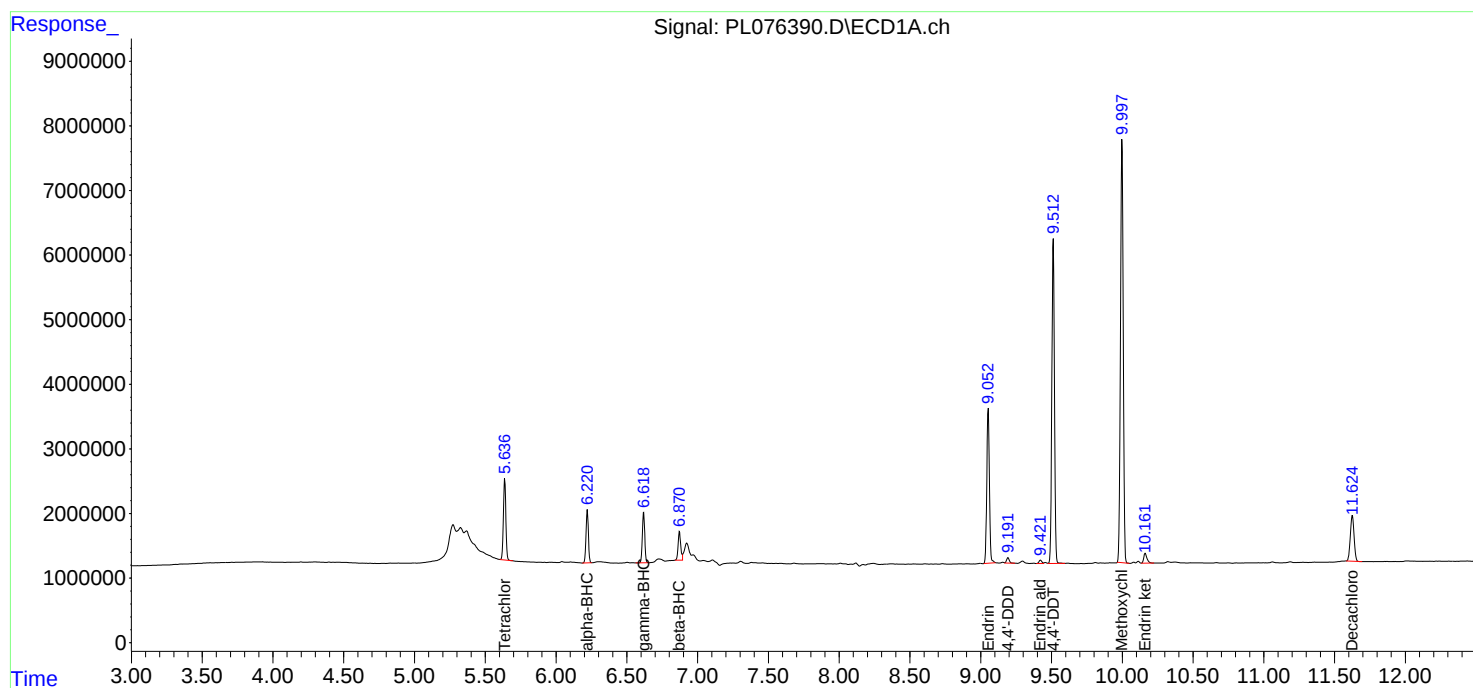
Instrument :
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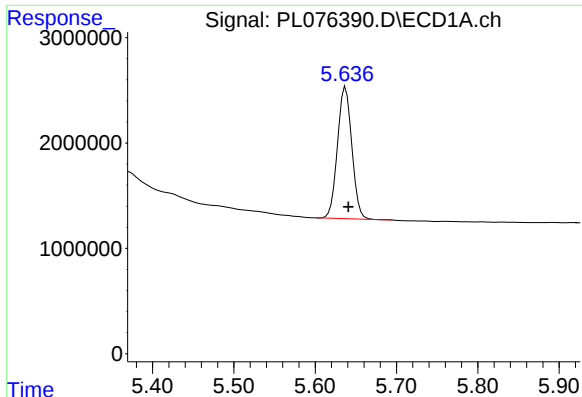
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Integration File signal 1: autoint1.e
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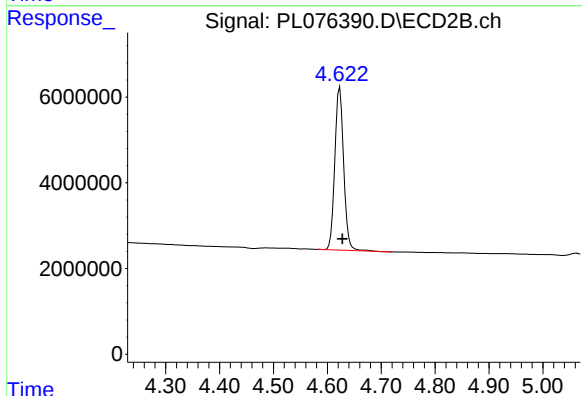
#1 Tetrachloro-m-xylene

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 15326636
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

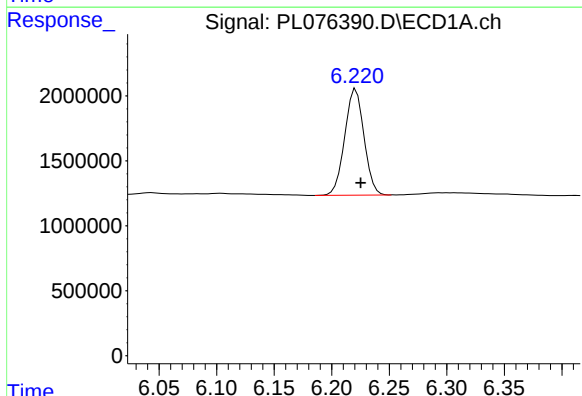
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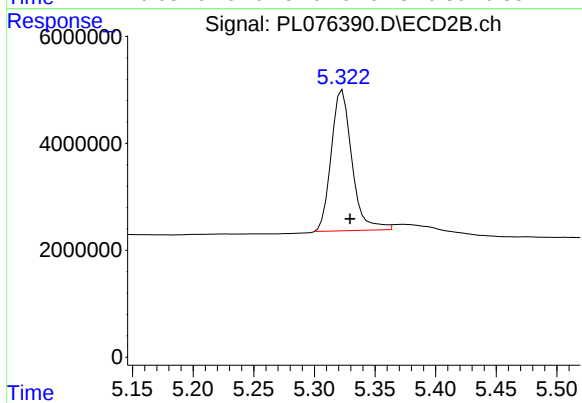
#1 Tetrachloro-m-xylene

R.T.: 4.623 min
Delta R.T.: -0.005 min
Response: 43437516
Conc: 21.48 ng/ml



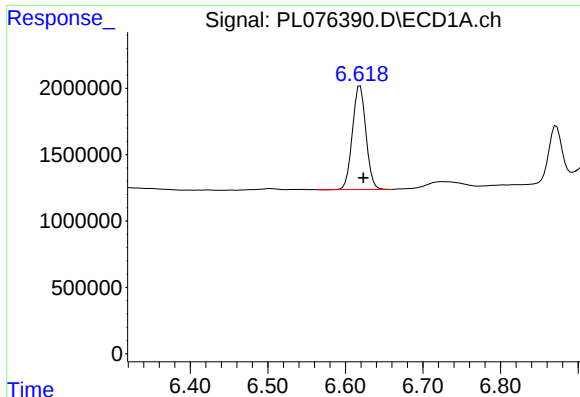
#2 alpha-BHC

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 9574223
Conc: 10.22 ng/ml



#2 alpha-BHC

R.T.: 5.323 min
Delta R.T.: -0.006 min
Response: 31208848
Conc: 11.38 ng/ml



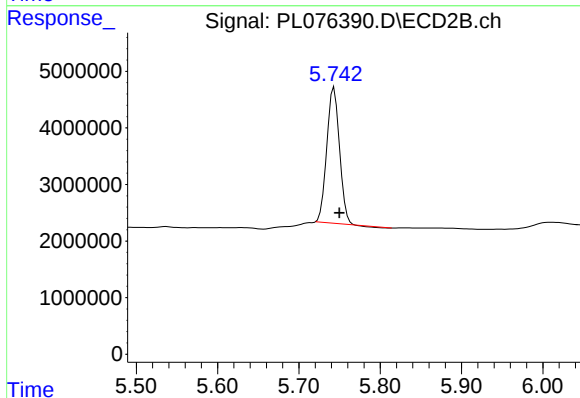
#3 gamma-BHC (Lindane)

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 9466178
Conc: 10.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

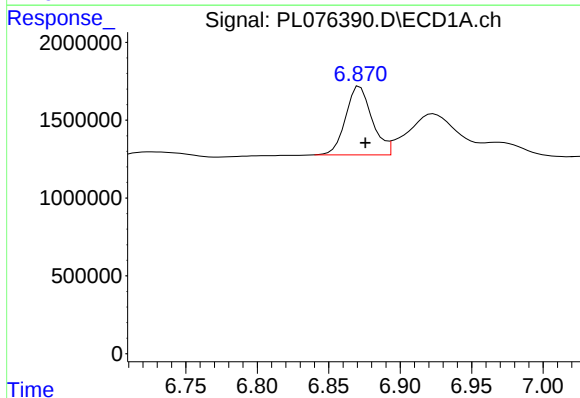
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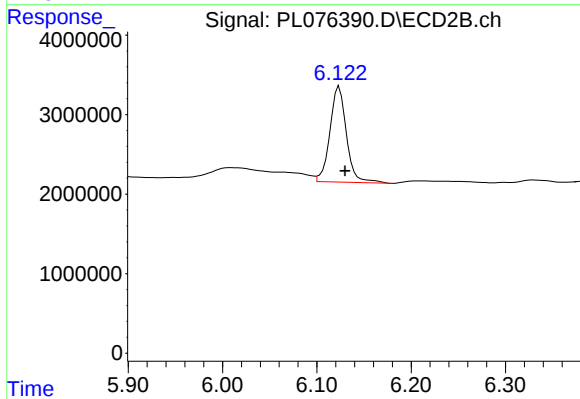
#3 gamma-BHC (Lindane)

R.T.: 5.743 min
Delta R.T.: -0.006 min
Response: 26140125
Conc: 10.62 ng/ml



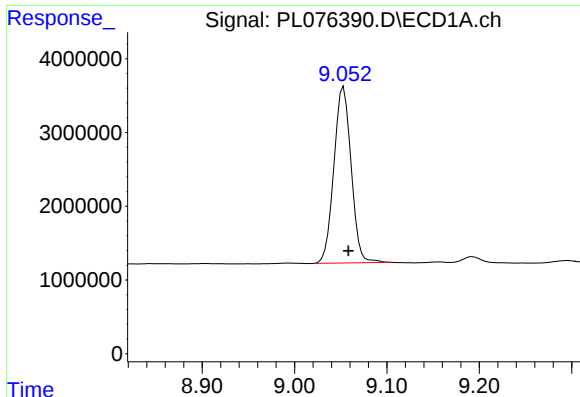
#6 beta-BHC

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 5659951
Conc: 12.88 ng/ml



#6 beta-BHC

R.T.: 6.124 min
Delta R.T.: -0.006 min
Response: 14689052
Conc: 13.43 ng/ml



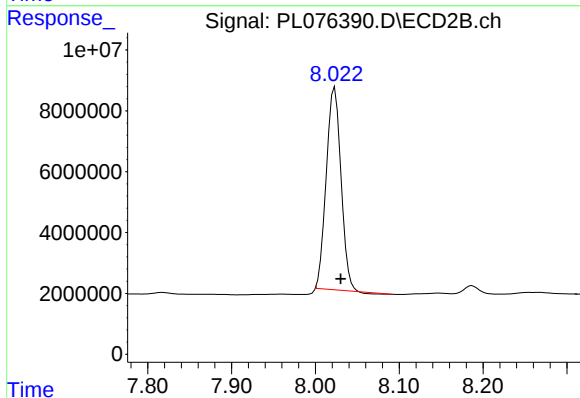
#14 Endrin

R.T.: 9.053 min
Delta R.T.: -0.005 min
Response: 31046632
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

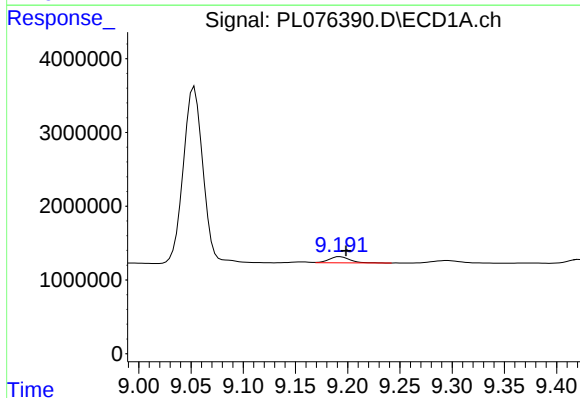
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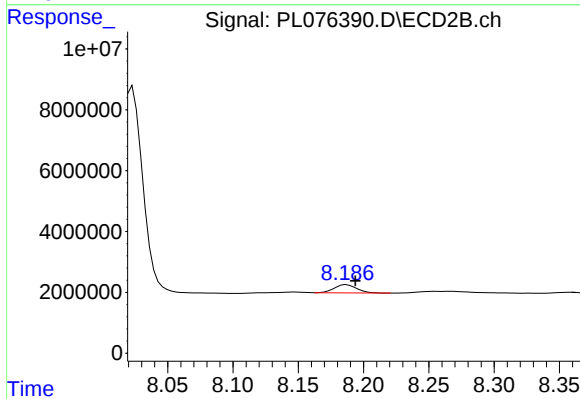
#14 Endrin

R.T.: 8.023 min
Delta R.T.: -0.007 min
Response: 80541006
Conc: 55.71 ng/ml



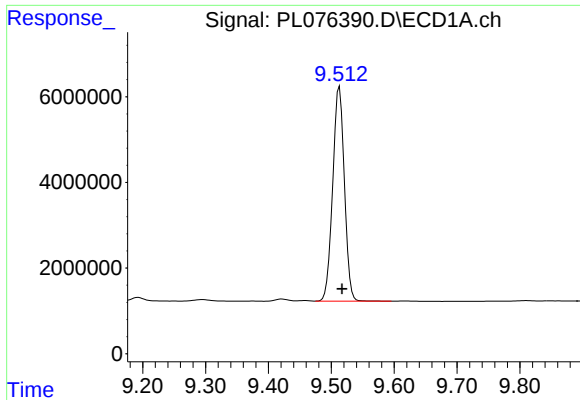
#16 4,4'-DDD

R.T.: 9.193 min
Delta R.T.: -0.006 min
Response: 1130157
Conc: 2.16 ng/ml



#16 4,4'-DDD

R.T.: 8.187 min
Delta R.T.: -0.007 min
Response: 3183872
Conc: 2.20 ng/ml



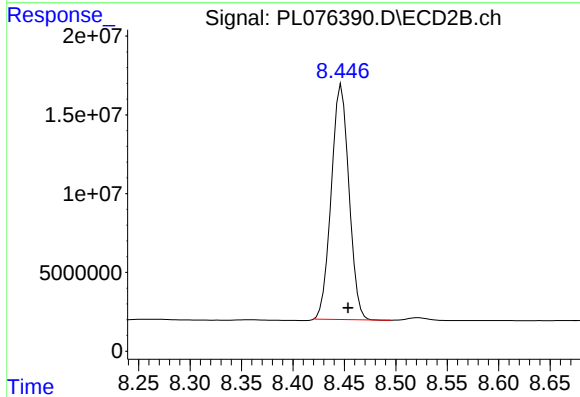
#17 4,4'-DDT

R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 64845102
Conc: 109.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

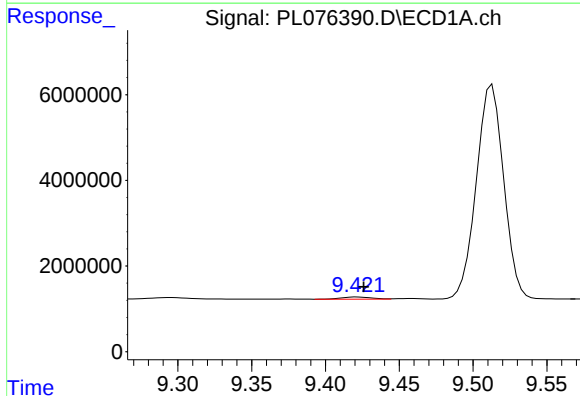
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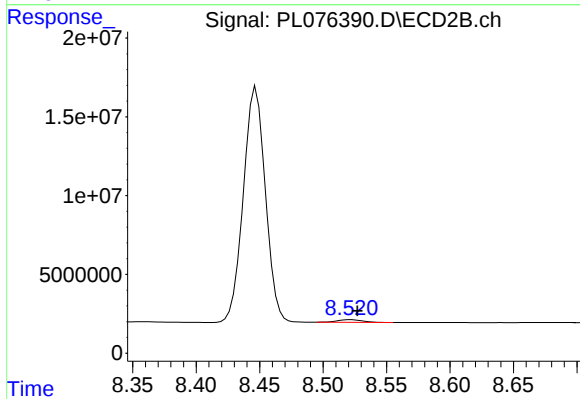
#17 4,4'-DDT

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 178467147
Conc: 114.15 ng/ml



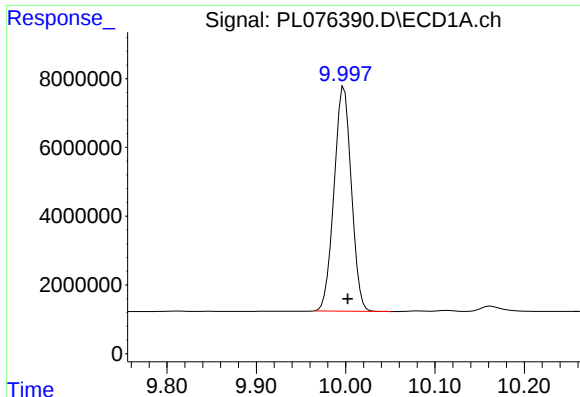
#18 Endrin aldehyde

R.T.: 9.422 min
Delta R.T.: -0.004 min
Response: 727715
Conc: 1.51 ng/ml



#18 Endrin aldehyde

R.T.: 8.522 min
Delta R.T.: -0.005 min
Response: 2320485
Conc: 1.85 ng/ml



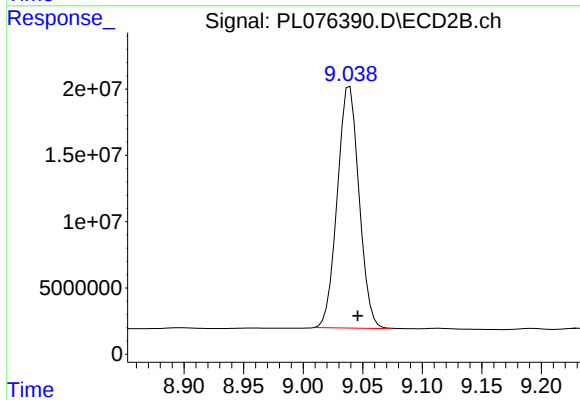
#20 Methoxychlor

R.T.: 9.998 min
Delta R.T.: -0.004 min
Response: 87620051
Conc: 261.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

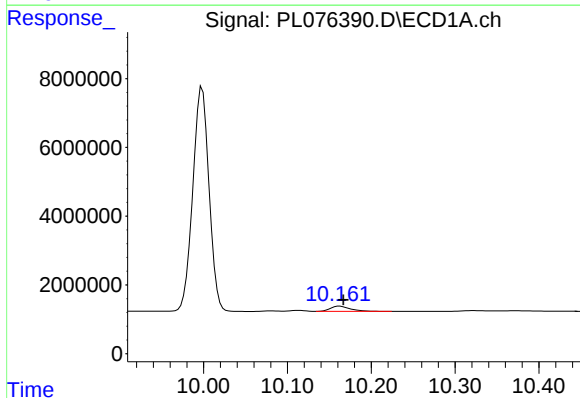
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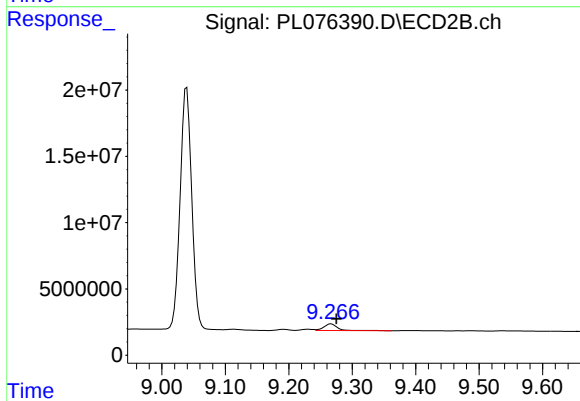
#20 Methoxychlor

R.T.: 9.038 min
Delta R.T.: -0.008 min
Response: 231144268
Conc: 270.96 ng/ml m



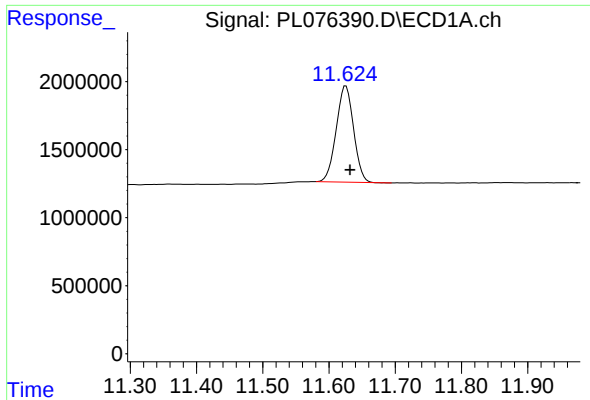
#21 Endrin ketone

R.T.: 10.162 min
Delta R.T.: -0.005 min
Response: 2494428
Conc: 3.69 ng/ml



#21 Endrin ketone

R.T.: 9.267 min
Delta R.T.: -0.008 min
Response: 7750241
Conc: 4.61 ng/ml



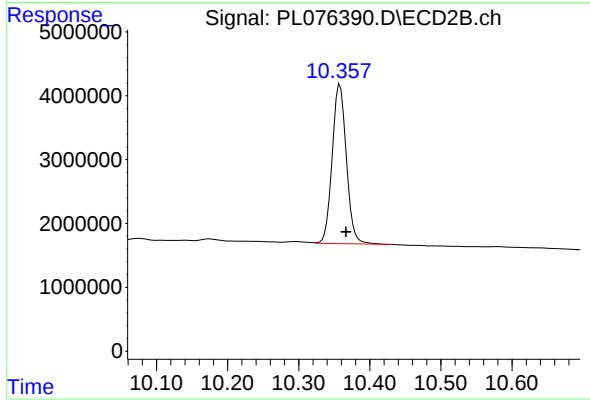
#28 Decachlorobiphenyl

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 12891349
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 10.358 min
Delta R.T.: -0.008 min
Response: 34554369
Conc: 20.59 ng/ml