

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060322\
 Data File : PL075442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 17:04:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052822.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:19:11 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...	5.644	4.662f	12567082	33224255	21.382	20.973
28)	SA Decachlor...	11.640	10.407f	11686243	25757863	21.795	18.770
Target Compounds							
2)	A alpha-BHC	6.227	5.362f	7837167	21235207	9.496	9.812m
3)	MA gamma-BHC...	6.626	5.784f	7548423	21092624	9.644	10.043
6)	B beta-BHC	6.877	6.161f	3795585	11093962	10.195	11.430m
12)	B 4,4'-DDE	8.657	7.647f	71352	307271	0.123m	0.189 #
14)	MA Endrin	9.062	8.067f	27185739	74812994	51.194	48.059m
16)	A 4,4'-DDD	9.202	8.231f	1747087	4077402	3.533	3.050
17)	MA 4,4'-DDT	9.522	8.491f	52432640	135.0E6	90.017	94.395m
18)	B Endrin al...	9.432	8.567f	250875	861804	0.571	0.715m#
20)	A Methoxychlor	10.008	9.083	73023007	178.6E6	238.415	219.947m
21)	B Endrin ke...	10.174	9.310	1272992	5644404	2.073	3.530m#

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

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Acq On : 03 Jun 2022 09:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

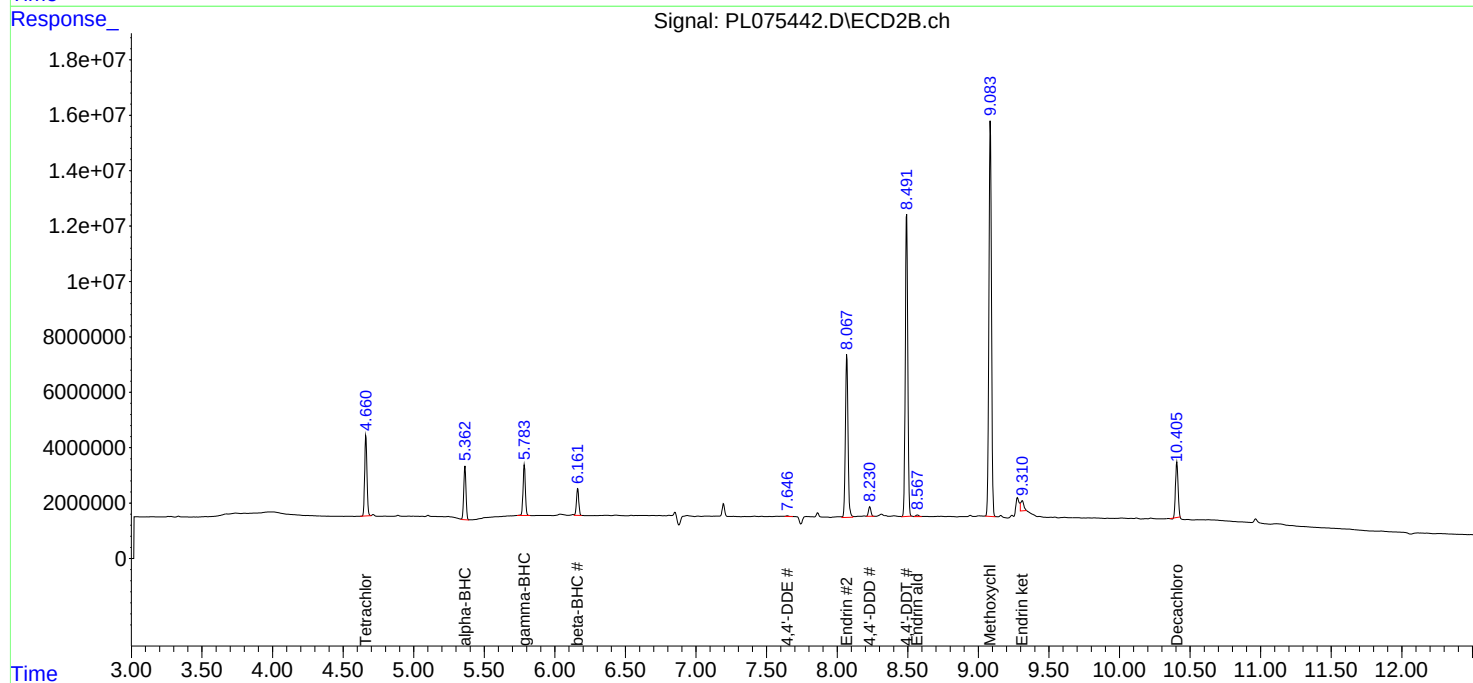
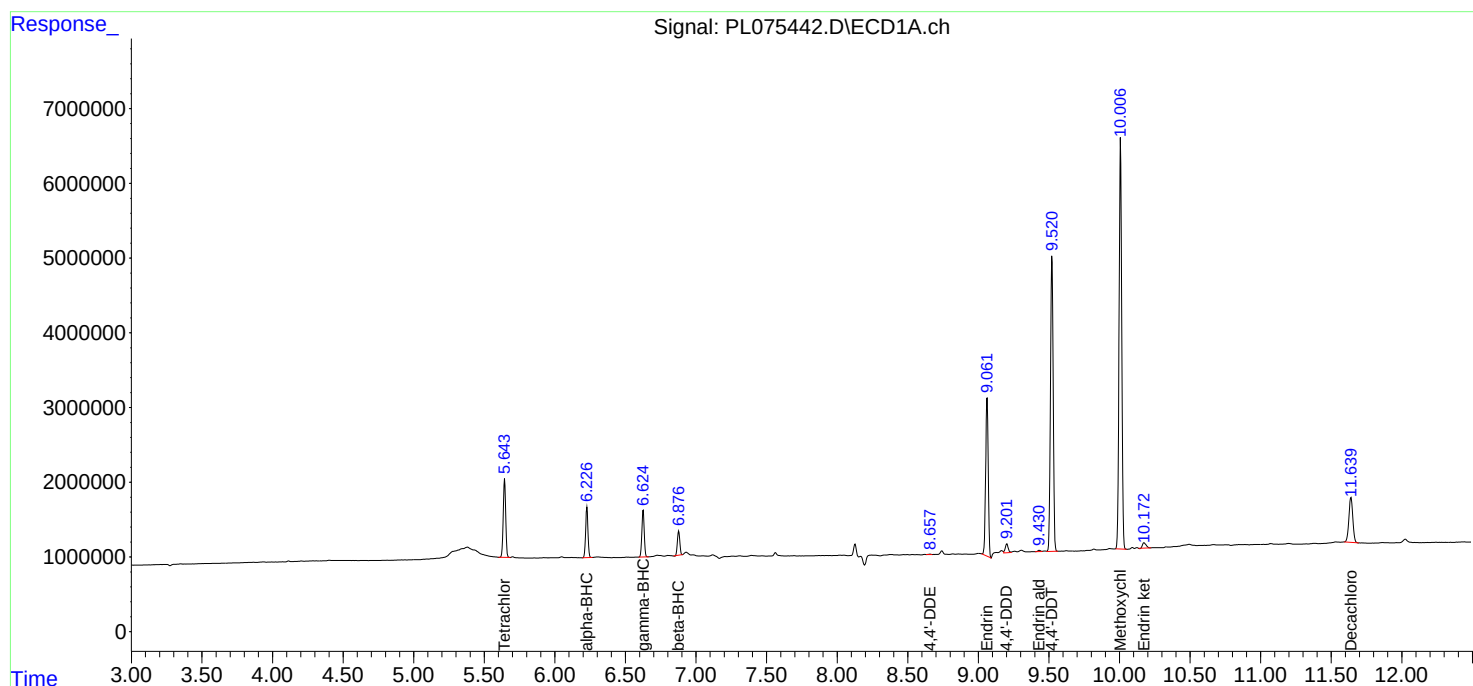
Instrument :
ECD_L
ClientSampleId :
PEM

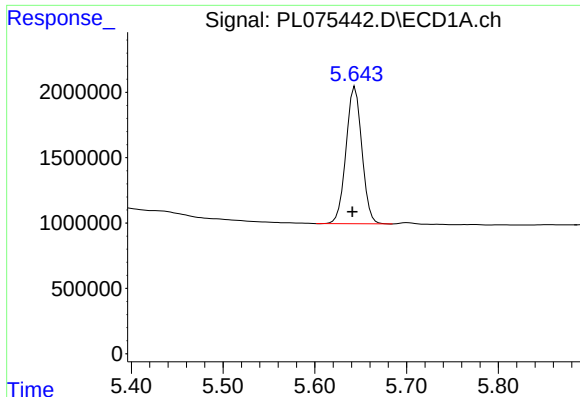
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Integration File signal 1: autoint1.e
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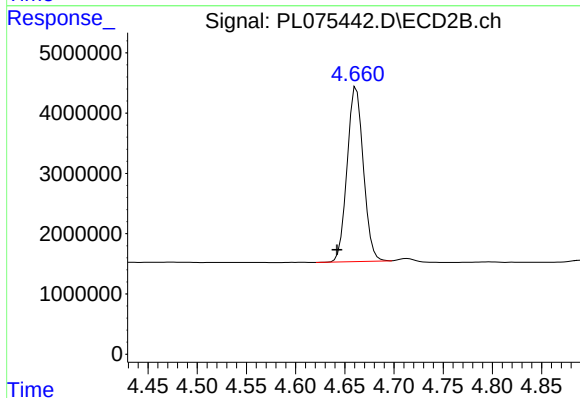
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 12567082
Conc: 21.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

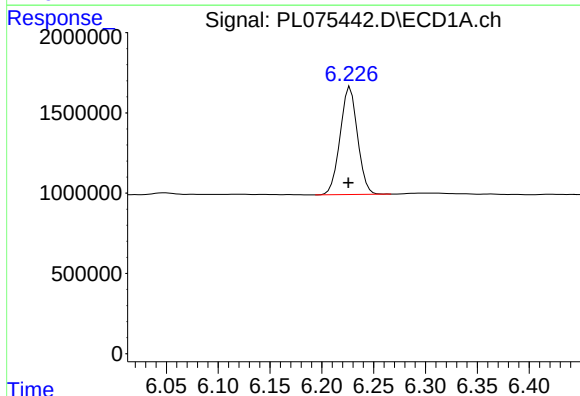
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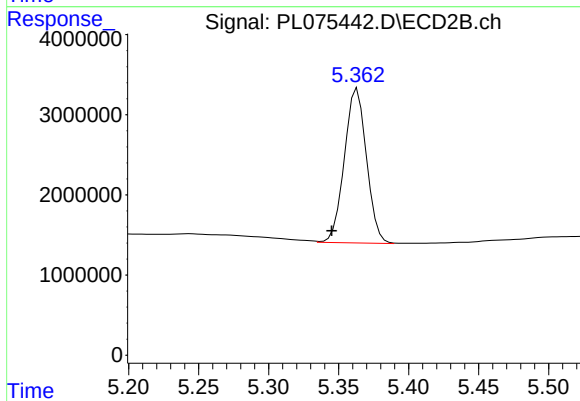
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.020 min
Response: 33224255
Conc: 20.97 ng/ml



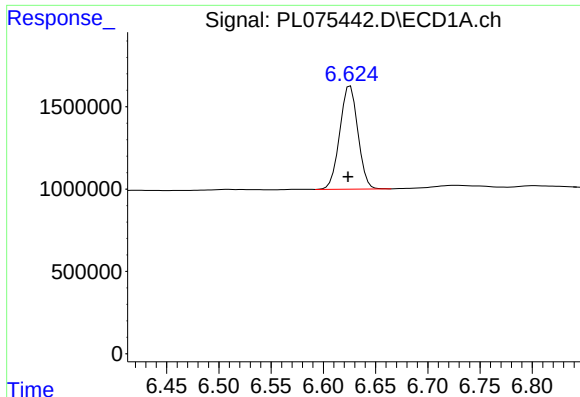
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 7837167
Conc: 9.50 ng/ml



#2 alpha-BHC

R.T.: 5.362 min
Delta R.T.: 0.017 min
Response: 21235207
Conc: 9.81 ng/ml m



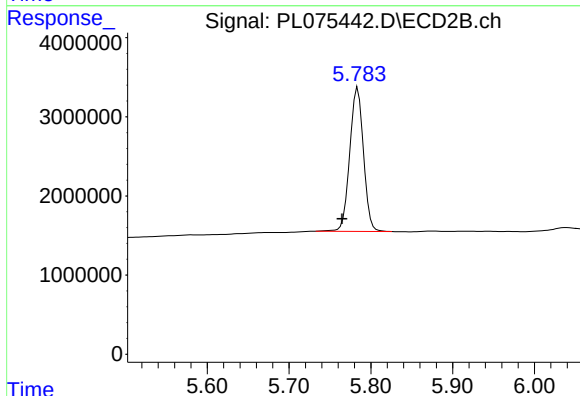
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 7548423
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

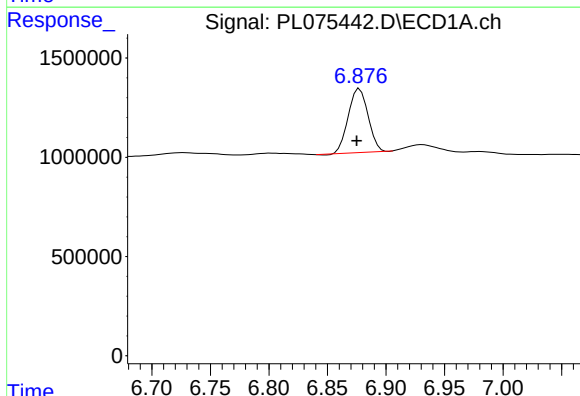
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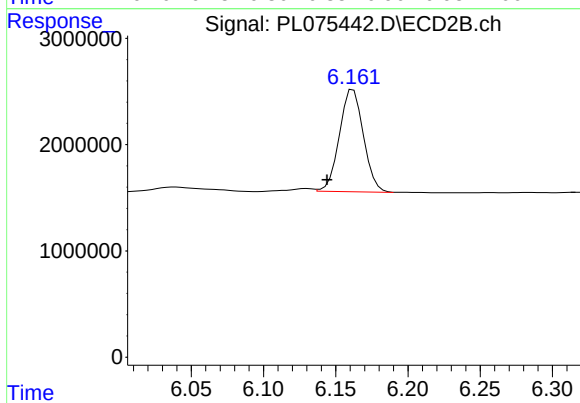
#3 gamma-BHC (Lindane)

R.T.: 5.784 min
Delta R.T.: 0.019 min
Response: 21092624
Conc: 10.04 ng/ml



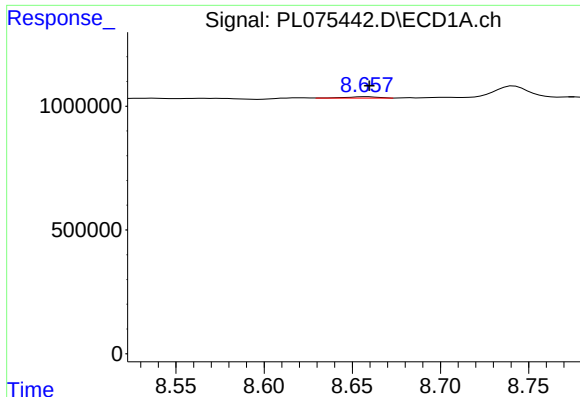
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.003 min
Response: 3795585
Conc: 10.19 ng/ml



#6 beta-BHC

R.T.: 6.161 min
Delta R.T.: 0.017 min
Response: 11093962
Conc: 11.43 ng/ml m



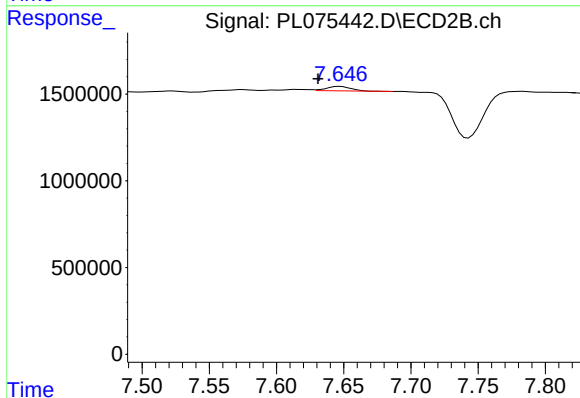
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: -0.003 min
Response: 71352
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

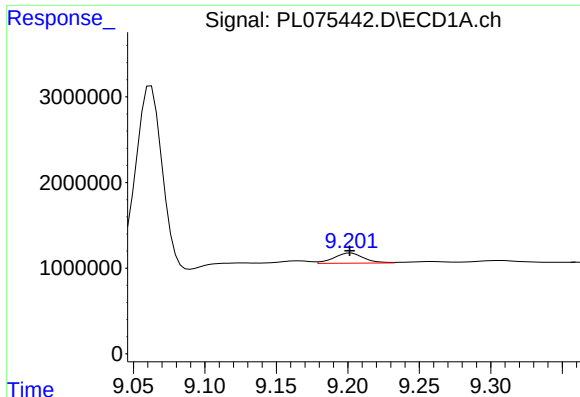
R.T.: 7.647 min
Delta R.T.: 0.016 min
Response: 307271
Conc: 0.19 ng/ml

#14 Endrin

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 27185739
Conc: 51.19 ng/ml

#14 Endrin

R.T.: 8.067 min
Delta R.T.: 0.016 min
Response: 74812994
Conc: 48.06 ng/ml m



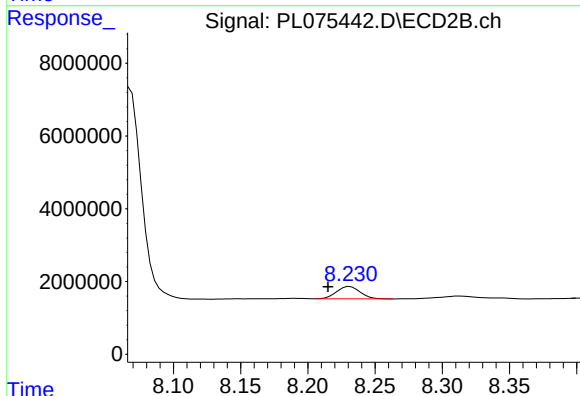
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 1747087
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

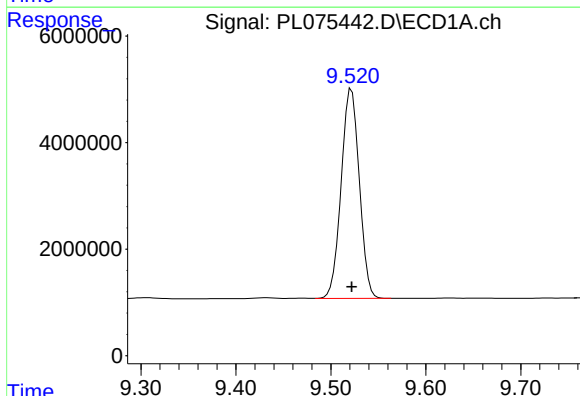
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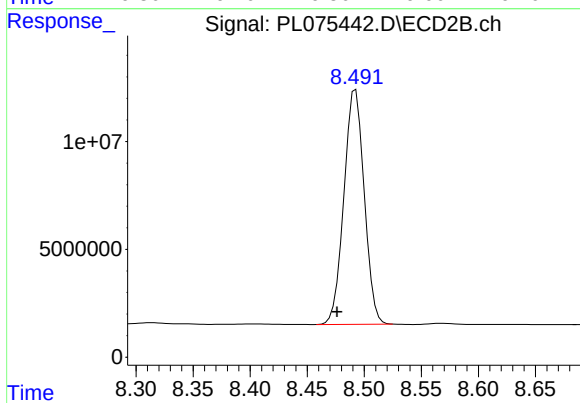
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: 0.016 min
Response: 4077402
Conc: 3.05 ng/ml



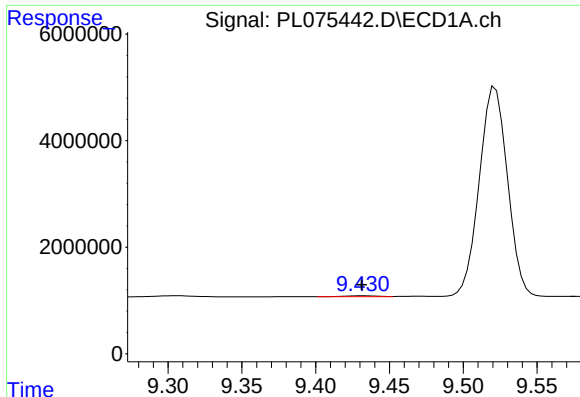
#17 4,4'-DDT

R.T.: 9.522 min
Delta R.T.: 0.000 min
Response: 52432640
Conc: 90.02 ng/ml



#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.015 min
Response: 134998719
Conc: 94.40 ng/ml m



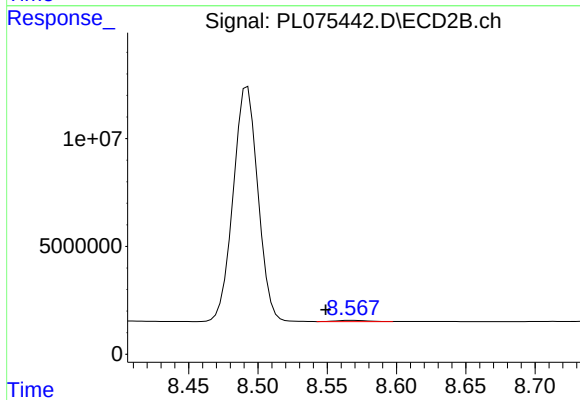
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 250875
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

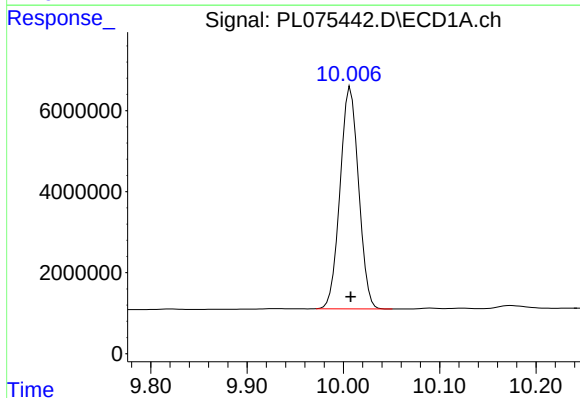
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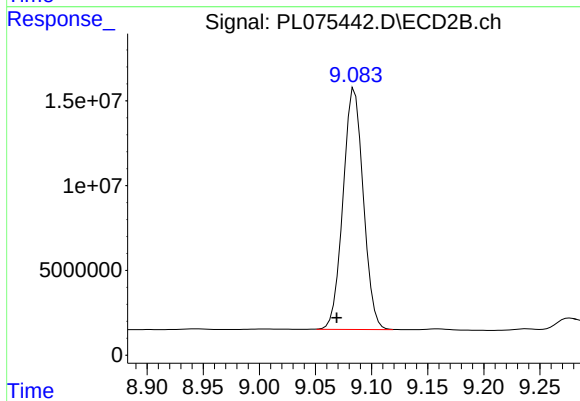
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: 0.018 min
Response: 861804
Conc: 0.71 ng/ml m



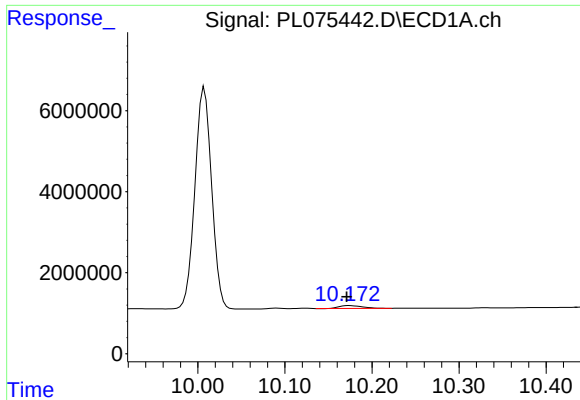
#20 Methoxychlor

R.T.: 10.008 min
Delta R.T.: 0.000 min
Response: 73023007
Conc: 238.41 ng/ml



#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: 0.014 min
Response: 178608427
Conc: 219.95 ng/ml m



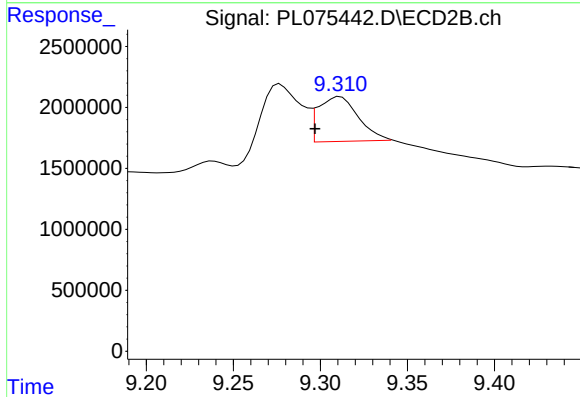
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: 0.003 min
Response: 1272992
Conc: 2.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

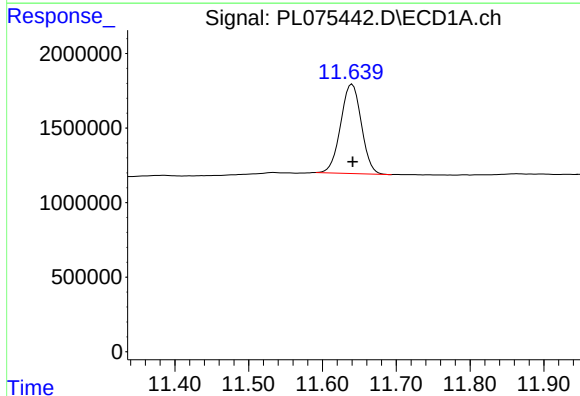
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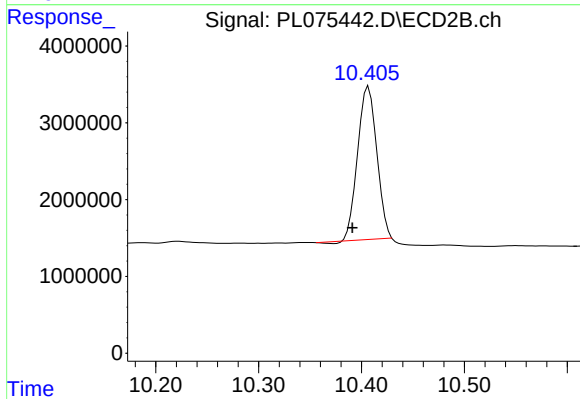
#21 Endrin ketone

R.T.: 9.310 min
Delta R.T.: 0.013 min
Response: 5644404
Conc: 3.53 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: 0.000 min
Response: 11686243
Conc: 21.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: 0.016 min
Response: 25757863
Conc: 18.77 ng/ml