

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061022\
 Data File : PL075680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2022 10:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2022
 Supervised By : Ankita Jodhani 06/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 02:29:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.643	4.640	17104125	36973231	25.344	22.032
28)	SA Decachlor...	11.639	10.384	15738744	28592773	25.708	20.294
Target Compounds							
2)	A alpha-BHC	6.227	5.341	11248808	23524406	11.967	10.389
3)	MA gamma-BHC...	6.626	5.761	10787650	22842113	12.290	10.533
6)	B beta-BHC	6.877	6.140	5138039	10812055	12.519	11.015
12)	B 4,4'-DDE	8.656	7.625	170465	452793	0.258m	0.283
14)	MA Endrin	9.062	8.046	36982667	80658597	62.375	58.999
16)	A 4,4'-DDD	9.201	8.209	1847473	3979534	3.377	3.026
17)	MA 4,4'-DDT	9.521	8.470	69700498	148.2E6	108.808	105.424
18)	B Endrin al...	9.430	8.544	471527	1056842	0.921	0.938
20)	A Methoxychlor	10.007	9.062	93077801	185.4E6	260.014	227.565
21)	B Endrin ke...	10.171	9.291	1666318	3144459	2.369	1.948

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

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Acq On : 10 Jun 2022 10:15
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

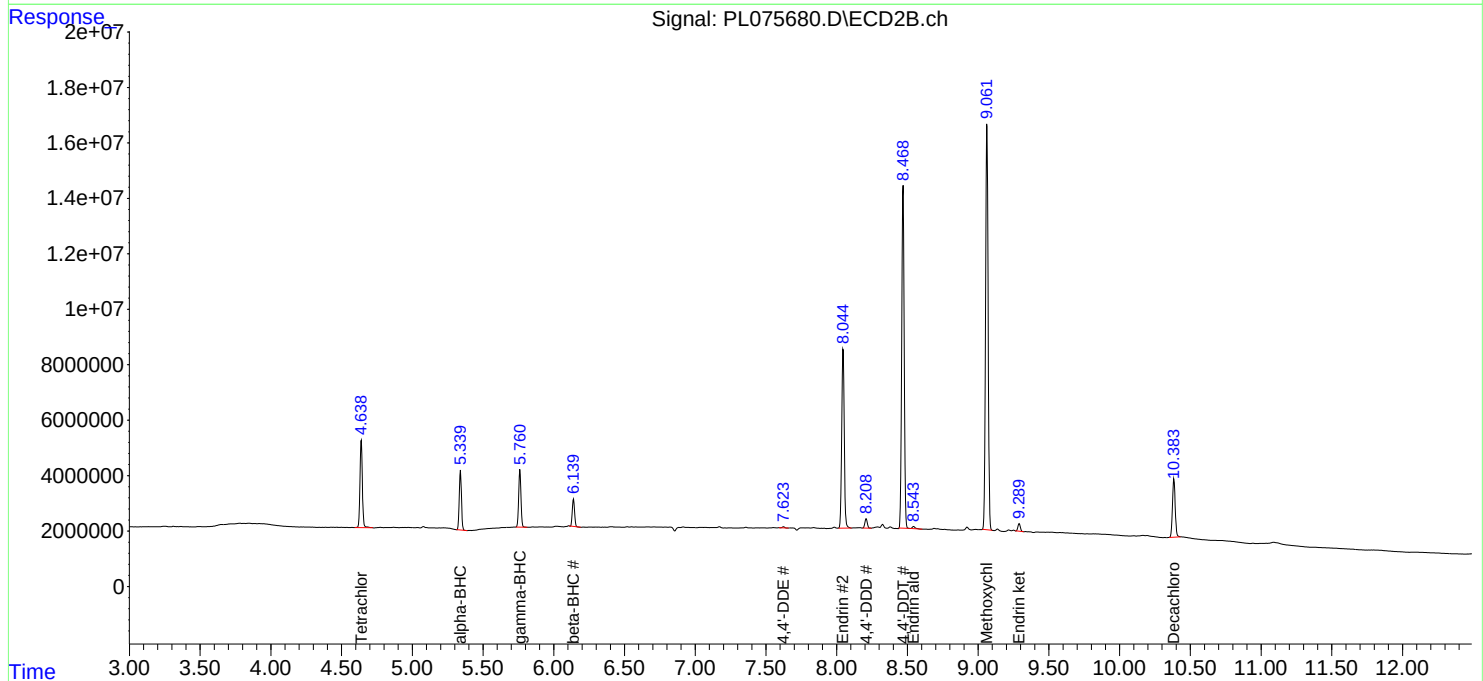
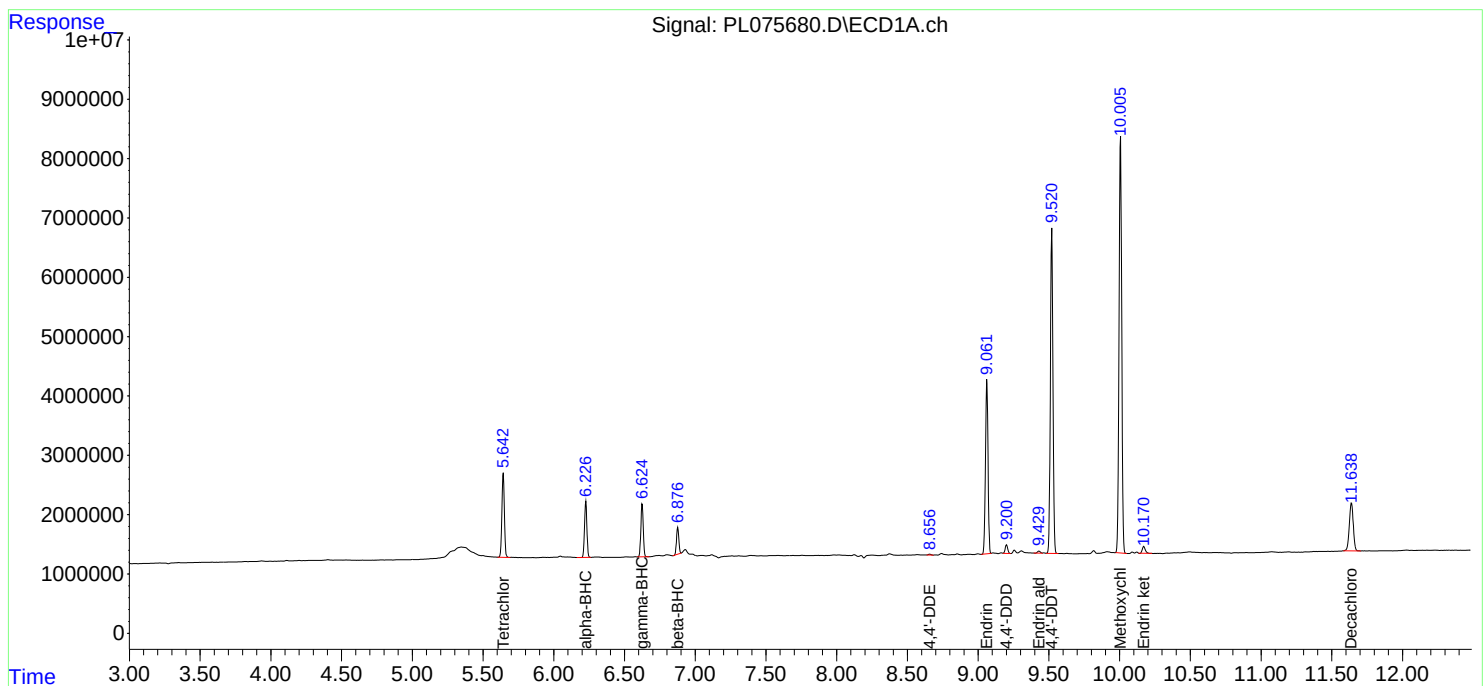
Instrument :
ECD_L
ClientSampleId :
PEM

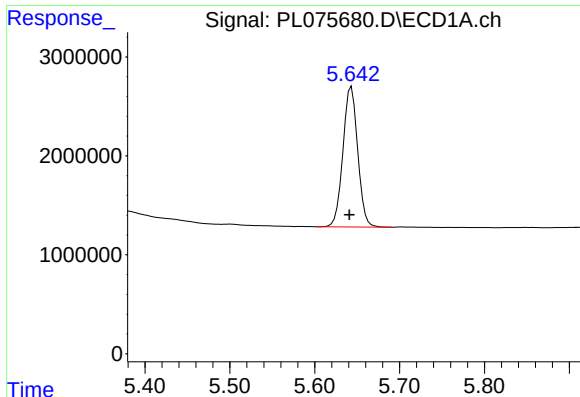
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Integration File signal 1: autoint1.e
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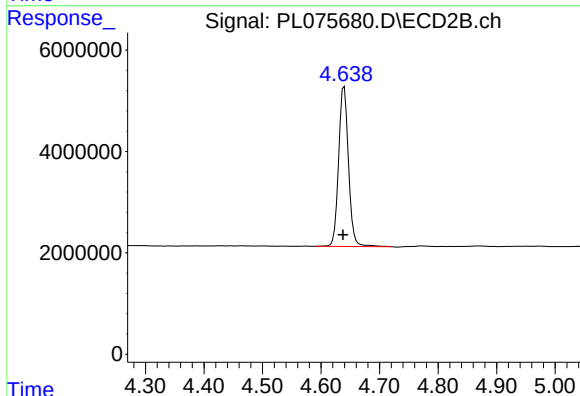
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 17104125
Conc: 25.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

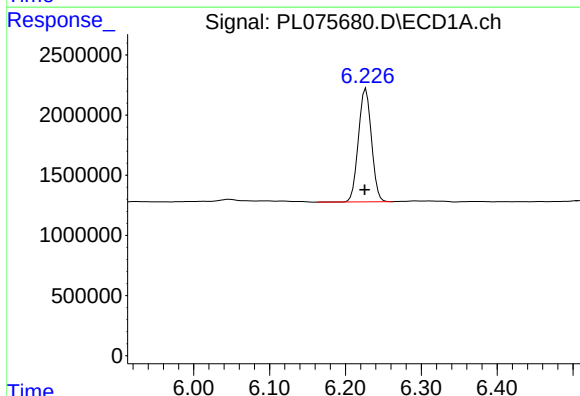
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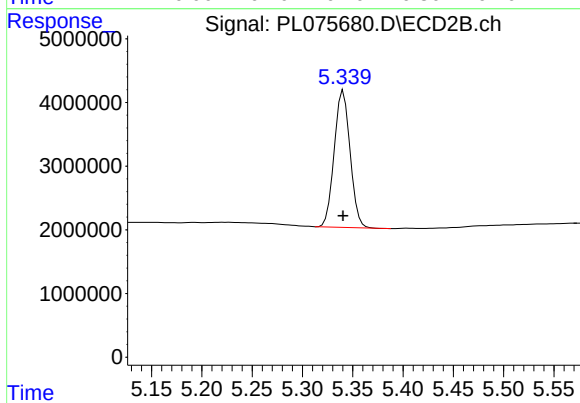
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.002 min
Response: 36973231
Conc: 22.03 ng/ml



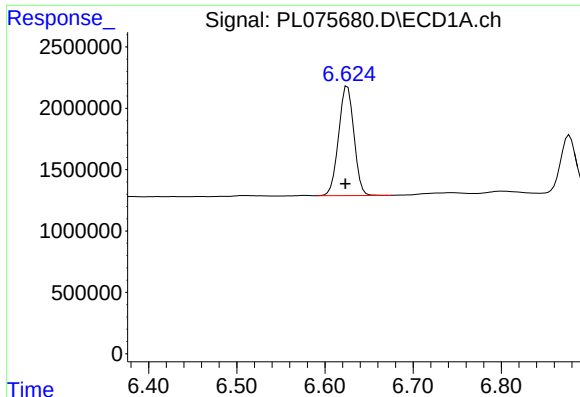
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 11248808
Conc: 11.97 ng/ml



#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 23524406
Conc: 10.39 ng/ml



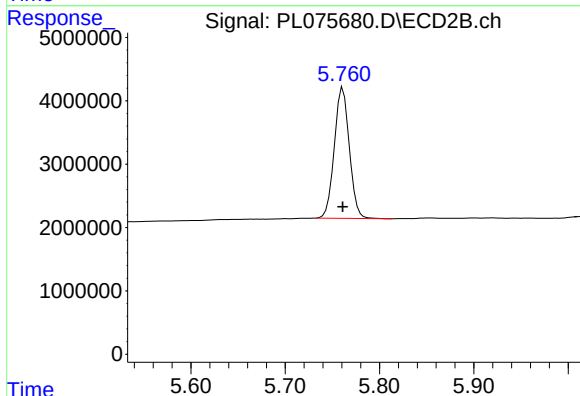
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 10787650
Conc: 12.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

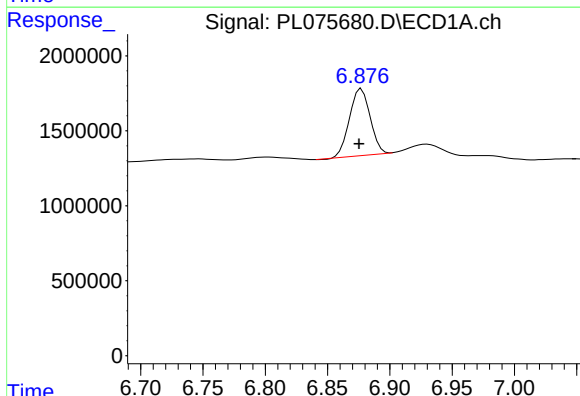
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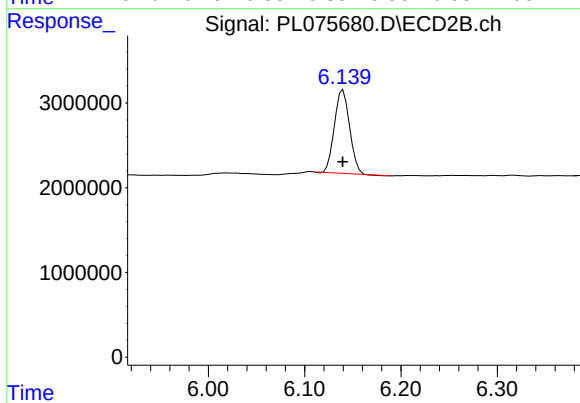
#3 gamma-BHC (Lindane)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 22842113
Conc: 10.53 ng/ml



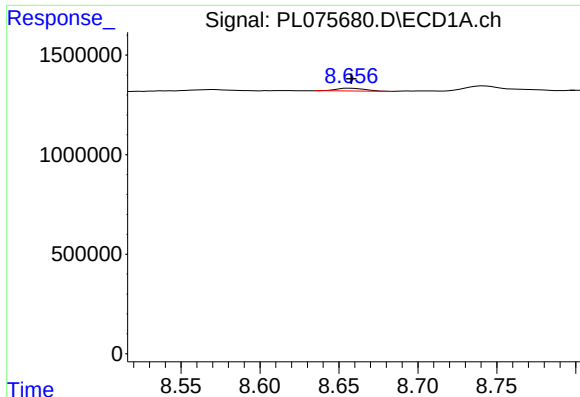
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 5138039
Conc: 12.52 ng/ml



#6 beta-BHC

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 10812055
Conc: 11.02 ng/ml



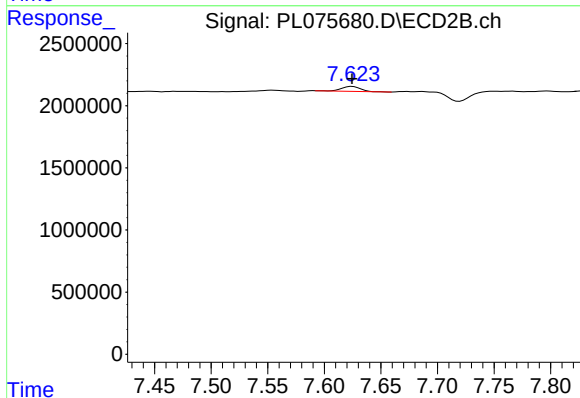
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: -0.002 min
Response: 170465
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

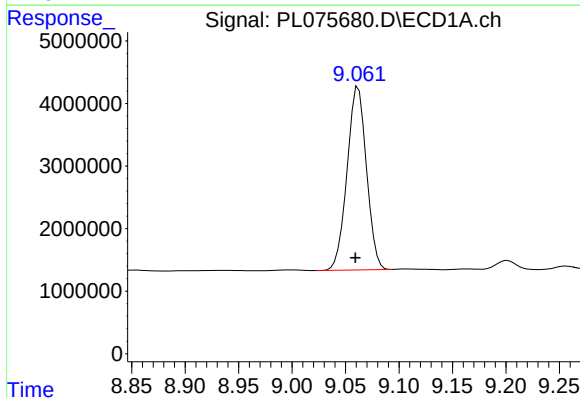
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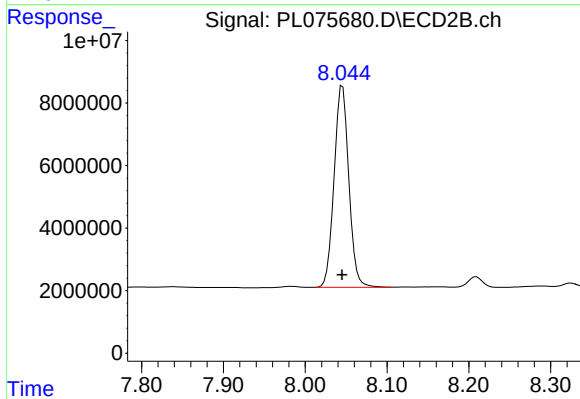
#12 4,4'-DDE

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 452793
Conc: 0.28 ng/ml



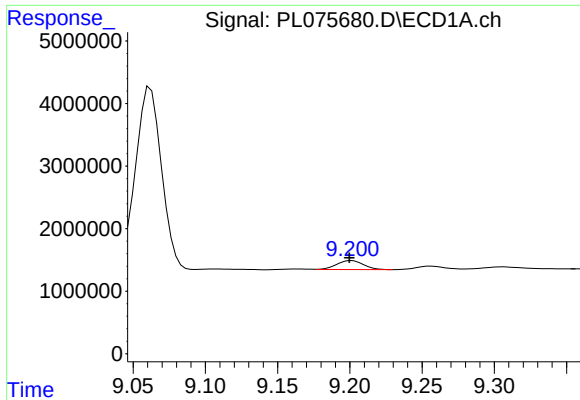
#14 Endrin

R.T.: 9.062 min
Delta R.T.: 0.003 min
Response: 36982667
Conc: 62.37 ng/ml



#14 Endrin

R.T.: 8.046 min
Delta R.T.: 0.000 min
Response: 80658597
Conc: 59.00 ng/ml



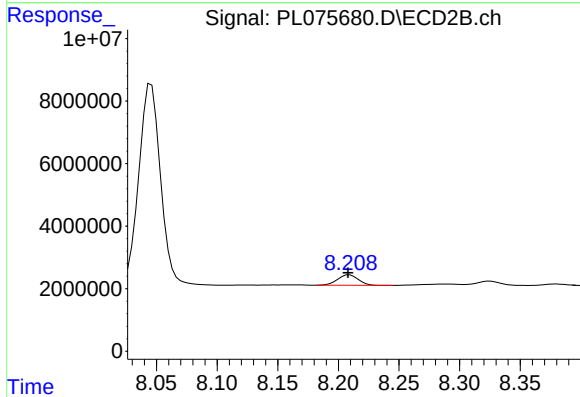
#16 4,4'-DDD

R.T.: 9.201 min
Delta R.T.: 0.002 min
Response: 1847473
Conc: 3.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

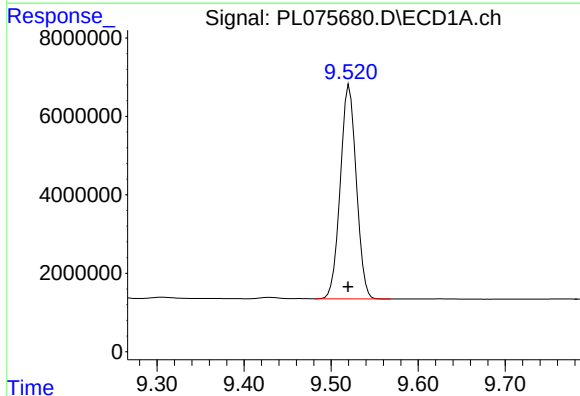
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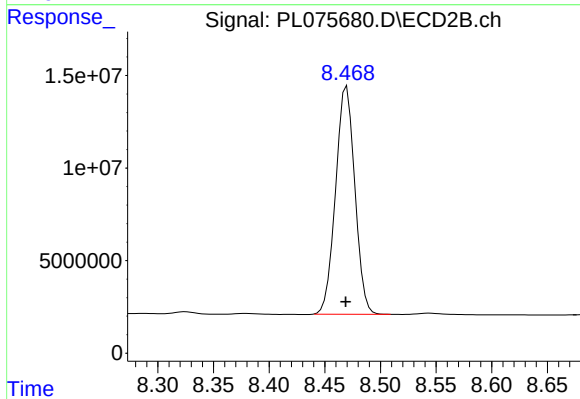
#16 4,4'-DDD

R.T.: 8.209 min
Delta R.T.: 0.001 min
Response: 3979534
Conc: 3.03 ng/ml



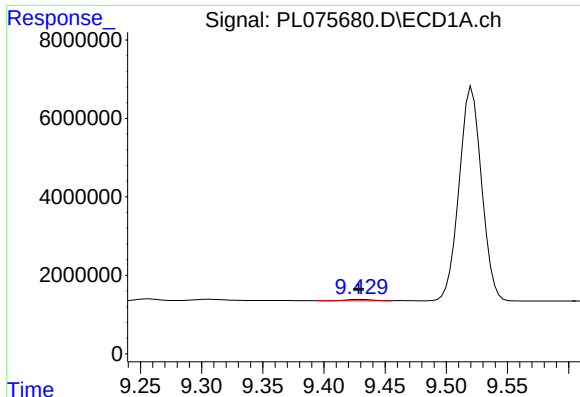
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: 0.002 min
Response: 69700498
Conc: 108.81 ng/ml



#17 4,4'-DDT

R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 148202387
Conc: 105.42 ng/ml



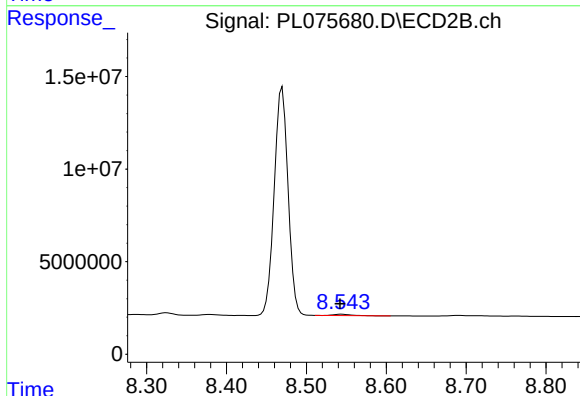
#18 Endrin aldehyde

R.T.: 9.430 min
Delta R.T.: 0.002 min
Response: 471527
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

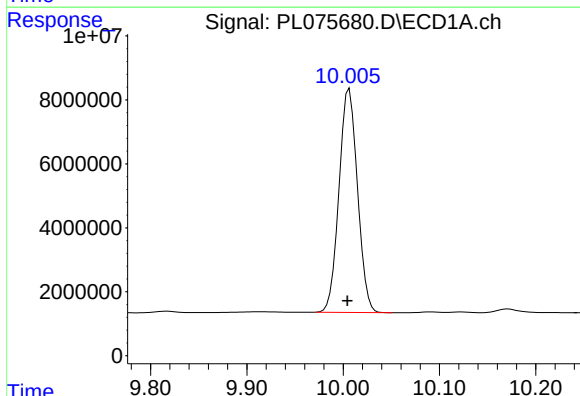
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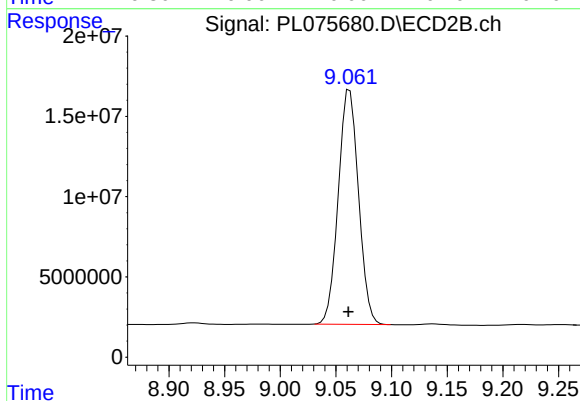
#18 Endrin aldehyde

R.T.: 8.544 min
Delta R.T.: 0.002 min
Response: 1056842
Conc: 0.94 ng/ml



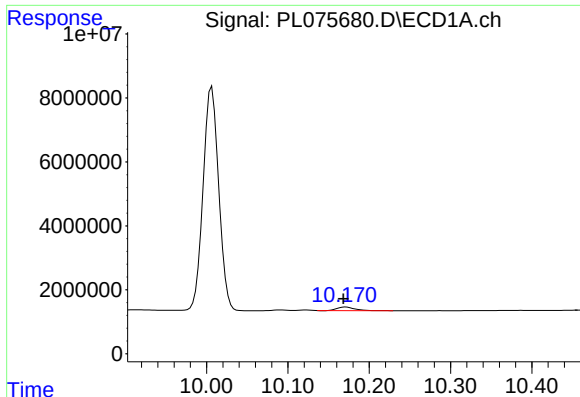
#20 Methoxychlor

R.T.: 10.007 min
Delta R.T.: 0.002 min
Response: 93077801
Conc: 260.01 ng/ml



#20 Methoxychlor

R.T.: 9.062 min
Delta R.T.: 0.001 min
Response: 185384956
Conc: 227.56 ng/ml



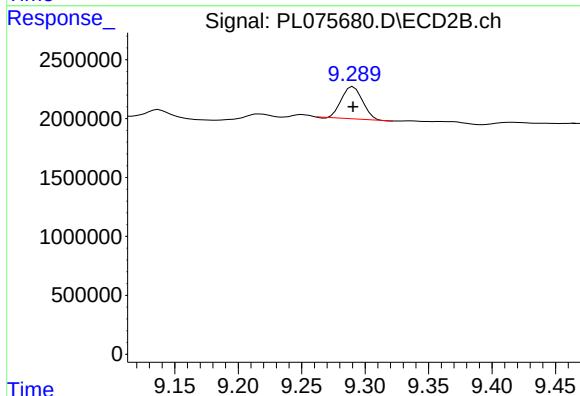
#21 Endrin ketone

R.T.: 10.171 min
Delta R.T.: 0.003 min
Response: 1666318
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

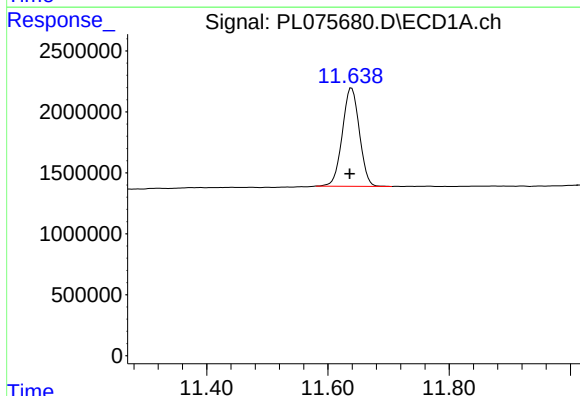
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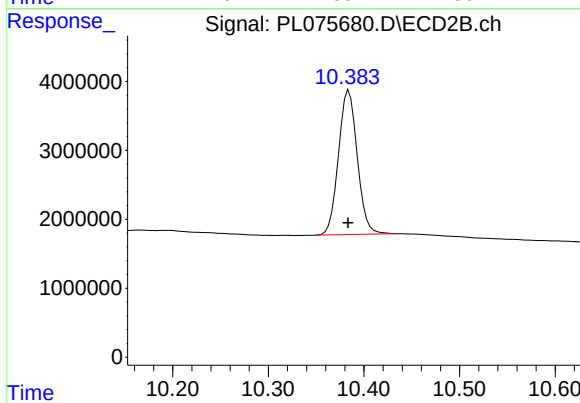
#21 Endrin ketone

R.T.: 9.291 min
Delta R.T.: 0.000 min
Response: 3144459
Conc: 1.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: 0.003 min
Response: 15738744
Conc: 25.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.384 min
Delta R.T.: 0.001 min
Response: 28592773
Conc: 20.29 ng/ml