

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060222\
 Data File : PL075392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 16:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 06:05:33 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...	5.643	4.641	12162006	33516588	20.693	21.158
28)	SA Decachlor...	11.639	10.387	10893651	27459421	20.317	20.010
Target Compounds							
2)	A alpha-BHC	6.227	5.343	7578496	21011216	9.183	9.708
3)	MA gamma-BHC...	6.625	5.763	7290729	20826690	9.315	9.917
6)	B beta-BHC	6.877	6.141	3591163	10277122	9.646	10.589
12)	B 4,4'-DDE	8.660	7.627	88930	288683	0.153m	0.177
14)	MA Endrin	9.062	8.047	26880215	72079656	50.619	46.303
16)	A 4,4'-DDD	9.202	8.211	419862	998851	0.849	0.747
17)	MA 4,4'-DDT	9.521	8.472	50606852	139.9E6	86.883	97.840
18)	B Endrin al...	9.432	8.549	244707	632513	0.557	0.525m
20)	A Methoxychlor	10.007	9.065	72143657	182.0E6	235.544	224.155
21)	B Endrin ke...	10.180	9.293	1073853	1003973	1.749	0.628 #

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

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Acq On : 02 Jun 2022 16:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

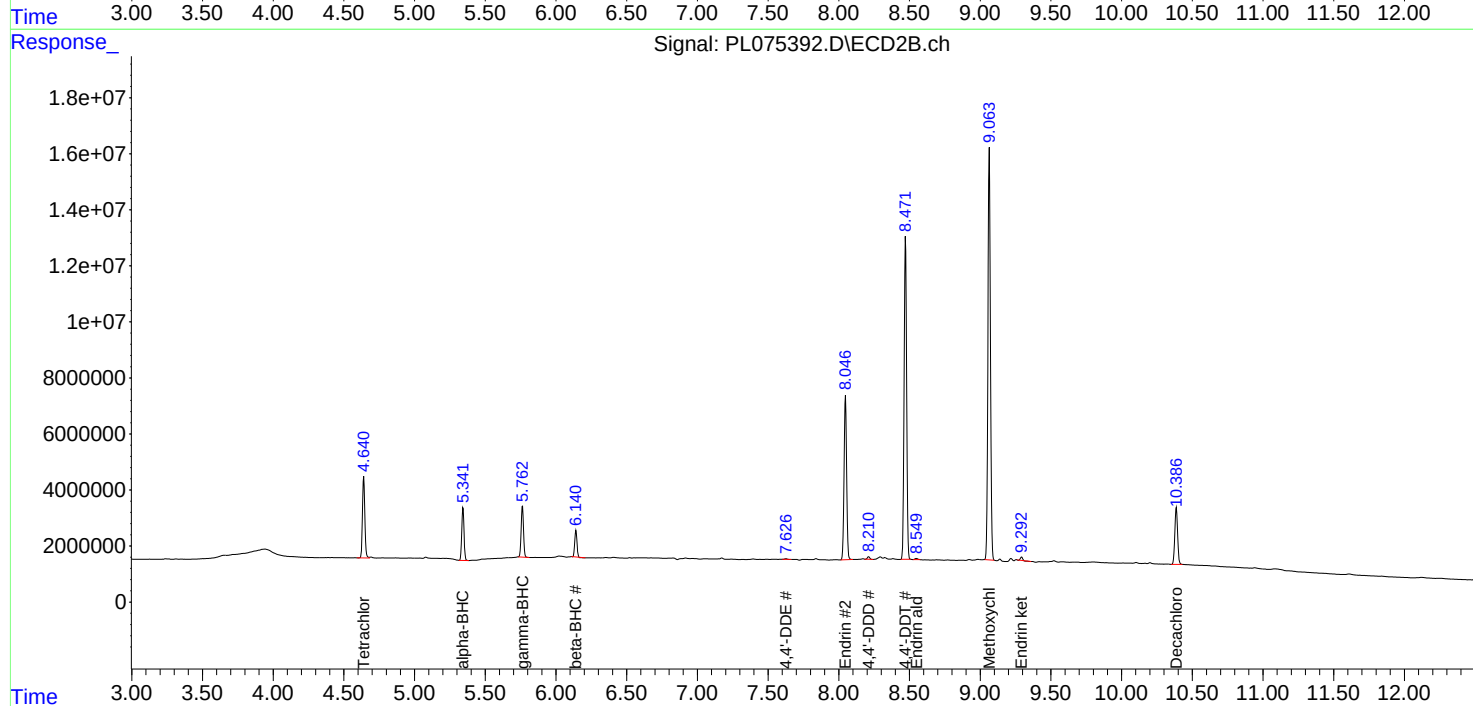
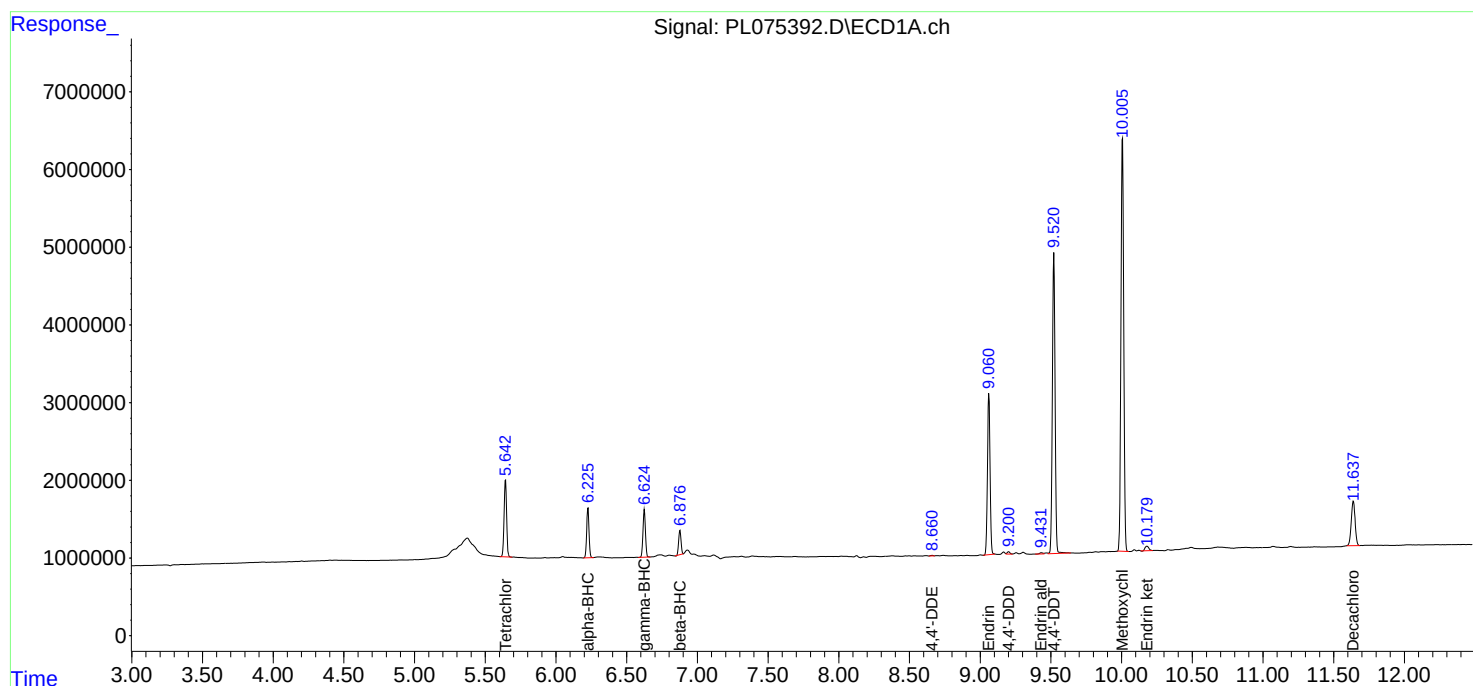
Instrument :
ECD_L
ClientSampleId :
PEM

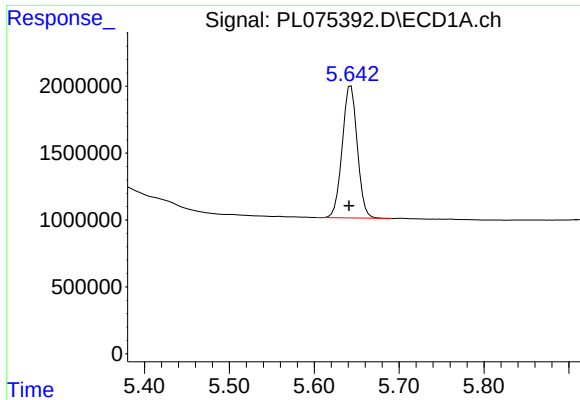
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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Volume Inj. : 1 µl
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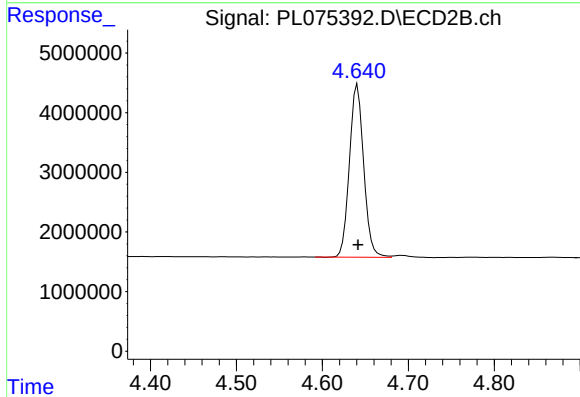
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 12162006
Conc: 20.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

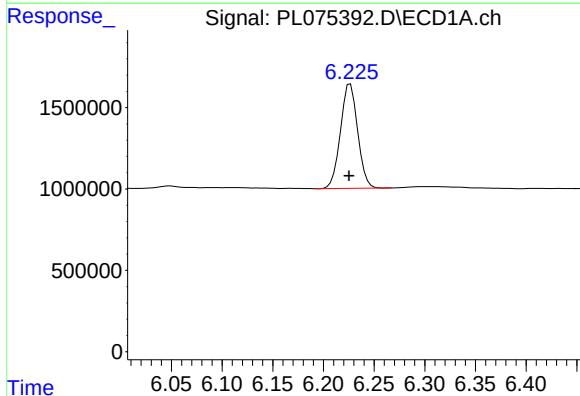
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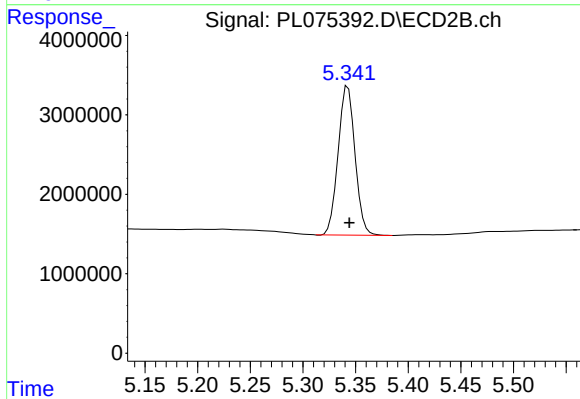
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 33516588
Conc: 21.16 ng/ml



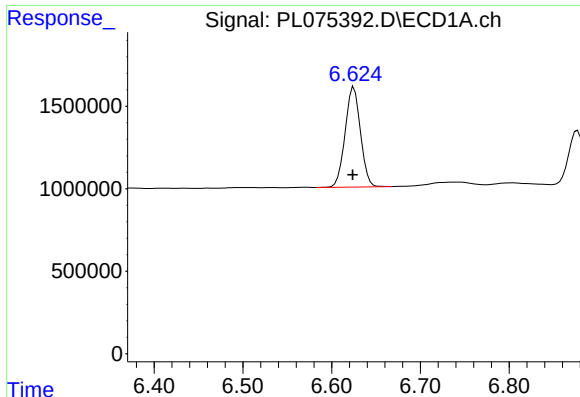
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.001 min
Response: 7578496
Conc: 9.18 ng/ml



#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.001 min
Response: 21011216
Conc: 9.71 ng/ml



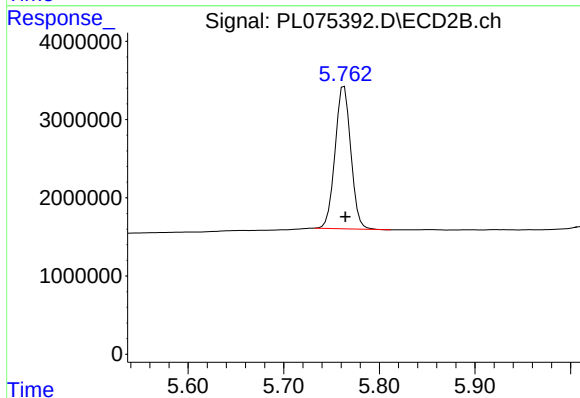
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: 0.001 min
Response: 7290729
Conc: 9.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

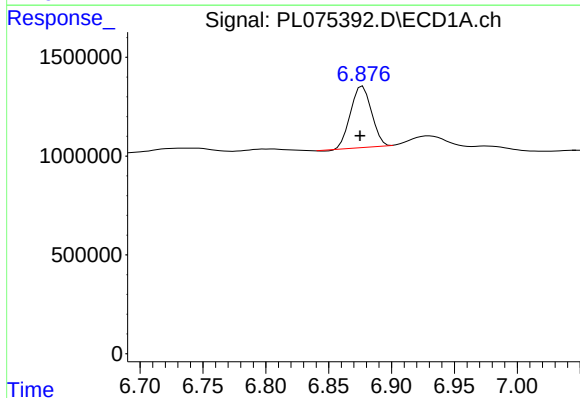
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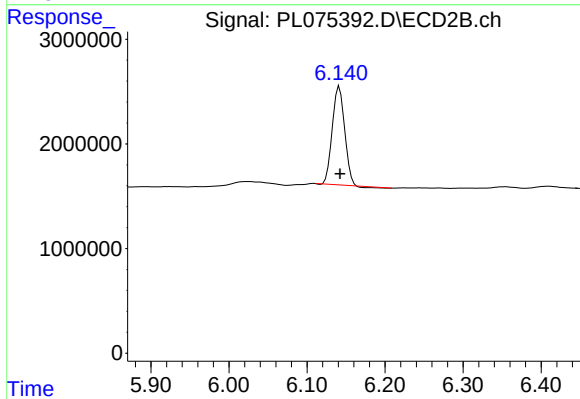
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 20826690
Conc: 9.92 ng/ml



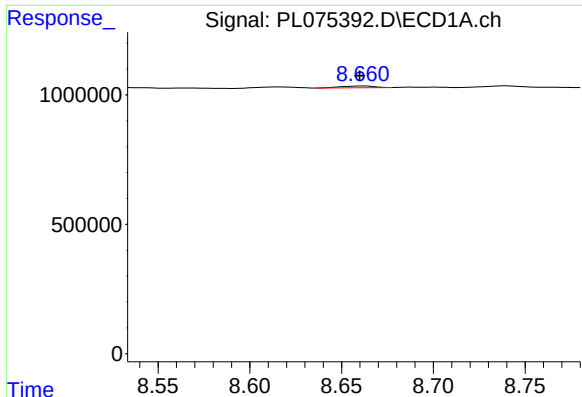
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 3591163
Conc: 9.65 ng/ml



#6 beta-BHC

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 10277122
Conc: 10.59 ng/ml



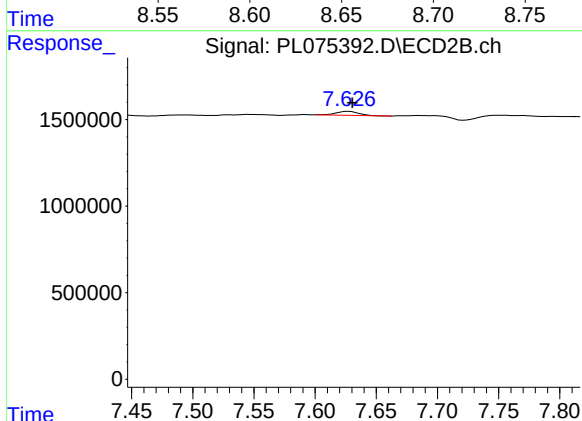
#12 4,4'-DDE

R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 88930
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

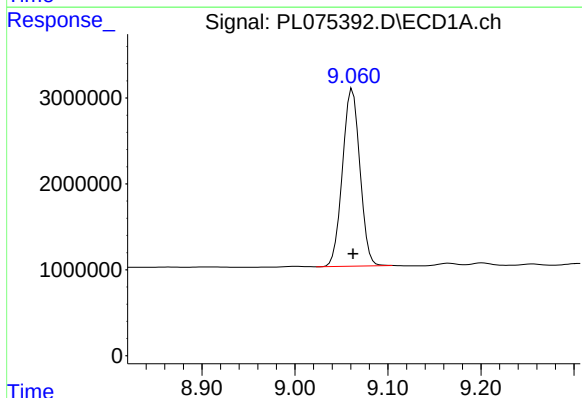
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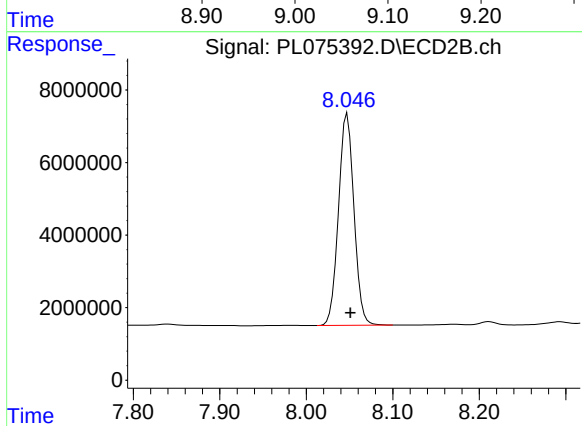
#12 4,4'-DDE

R.T.: 7.627 min
Delta R.T.: -0.003 min
Response: 288683
Conc: 0.18 ng/ml



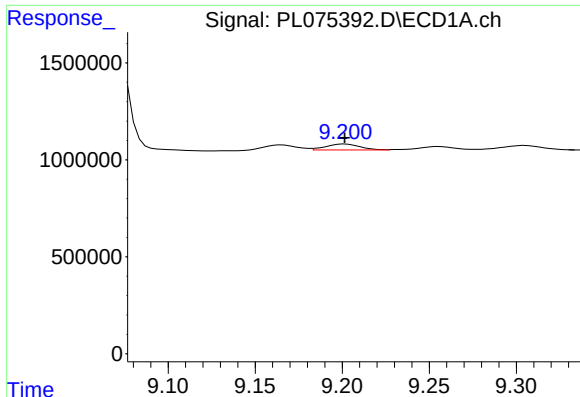
#14 Endrin

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 26880215
Conc: 50.62 ng/ml



#14 Endrin

R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 72079656
Conc: 46.30 ng/ml



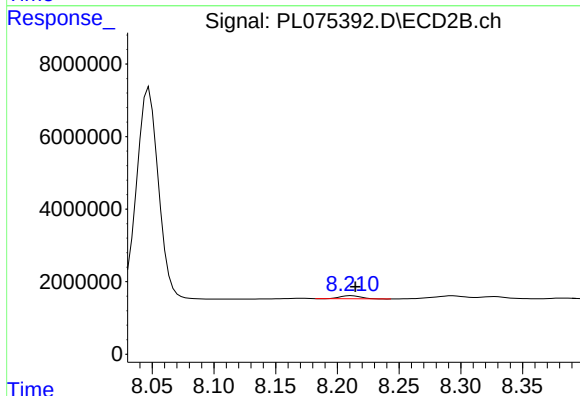
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 419862
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

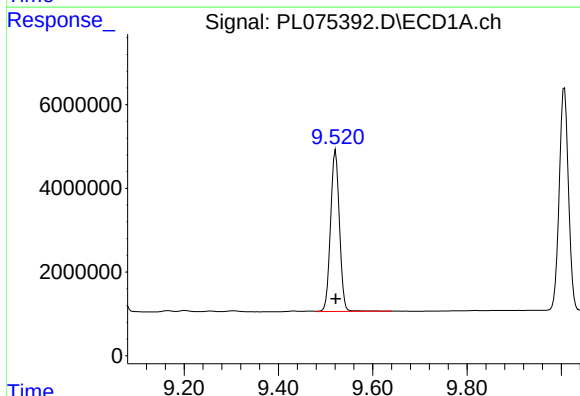
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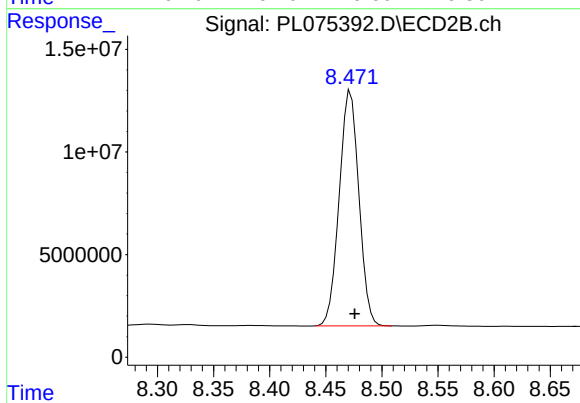
#16 4,4'-DDD

R.T.: 8.211 min
Delta R.T.: -0.003 min
Response: 998851
Conc: 0.75 ng/ml



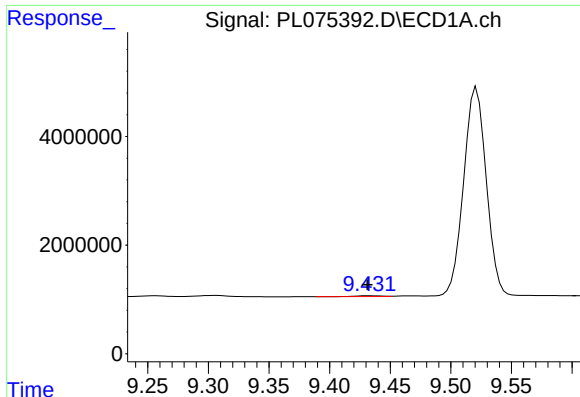
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: 0.000 min
Response: 50606852
Conc: 86.88 ng/ml



#17 4,4'-DDT

R.T.: 8.472 min
Delta R.T.: -0.004 min
Response: 139925119
Conc: 97.84 ng/ml



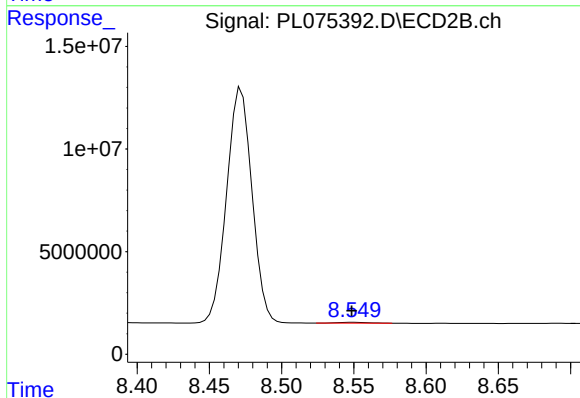
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 244707
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

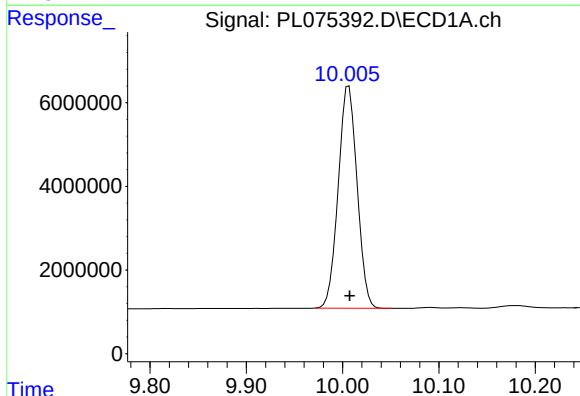
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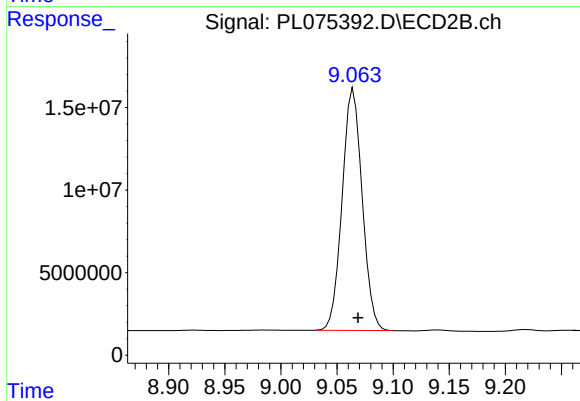
#18 Endrin aldehyde

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 632513
Conc: 0.52 ng/ml m



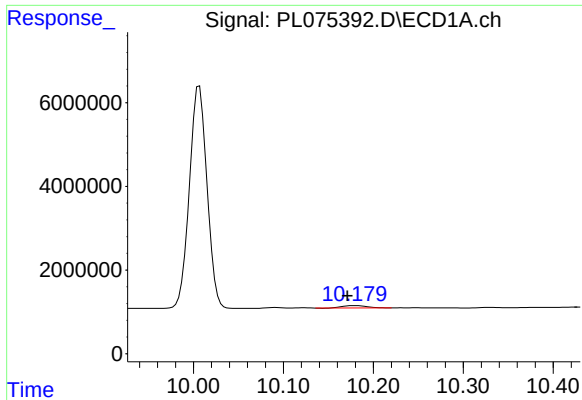
#20 Methoxychlor

R.T.: 10.007 min
Delta R.T.: -0.001 min
Response: 72143657
Conc: 235.54 ng/ml



#20 Methoxychlor

R.T.: 9.065 min
Delta R.T.: -0.004 min
Response: 182024879
Conc: 224.15 ng/ml



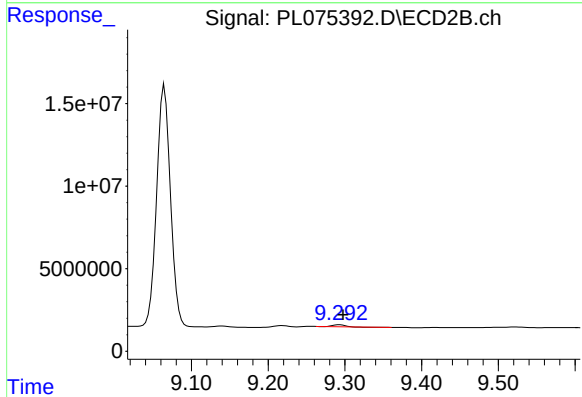
#21 Endrin ketone

R.T.: 10.180 min
Delta R.T.: 0.009 min
Response: 1073853
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

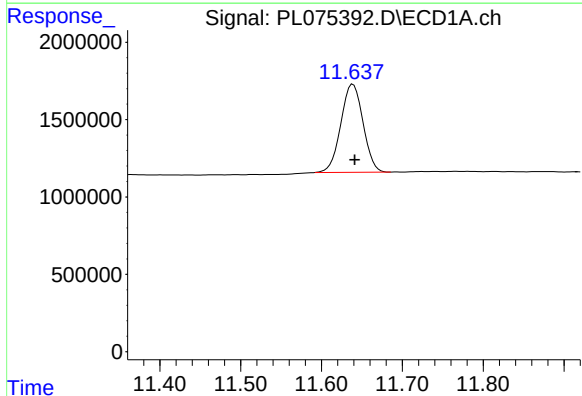
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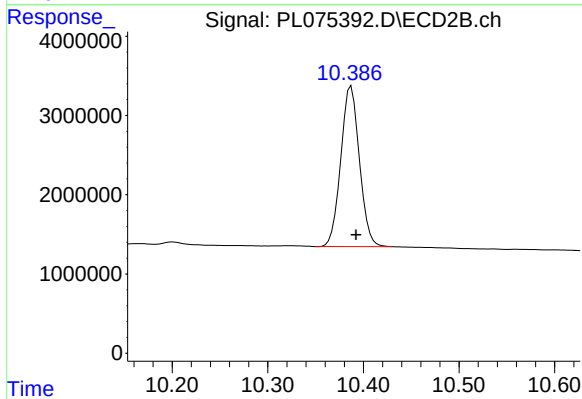
#21 Endrin ketone

R.T.: 9.293 min
Delta R.T.: -0.005 min
Response: 1003973
Conc: 0.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: -0.002 min
Response: 10893651
Conc: 20.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.005 min
Response: 27459421
Conc: 20.01 ng/ml