

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053122\
 Data File : PL075281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2022 12:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/01/2022
 Supervised By : Ankita Jodhani 06/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 15:33:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052822.M
 Quant Title : GC Extractables
 QLast Update : Tue May 31 02:52:42 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...	5.640	4.639	13520392	35793893	23.004	22.595
28)	SA Decachlor...	11.638	10.387	12072961	28785858	22.517	20.977
Target Compounds							
2)	A alpha-BHC	6.225	5.341	8479393	22627381	10.275	10.455
3)	MA gamma-BHC...	6.623	5.762	8244142	22286798	10.533	10.612
6)	B beta-BHC	6.875	6.141	4109263	11399893	11.037	11.745
12)	B 4,4'-DDE	8.656	7.627	104361	326635	0.179m	0.201
14)	MA Endrin	9.061	8.048	30141796	81428868	56.761	52.309
16)	A 4,4'-DDD	9.200	8.211	1263947	3592098	2.556m	2.687
17)	MA 4,4'-DDT	9.521	8.473	58269940	148.9E6	100.039	104.143
18)	B Endrin al...	9.429	8.547	312543	901917	0.711m	0.748m
20)	A Methoxychlor	10.006	9.066	79719115	191.3E6	260.277	235.587
21)	B Endrin ke...	10.169	9.293	1359208	2286032	2.214m	1.430m#

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

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Acq On : 31 May 2022 12:06
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

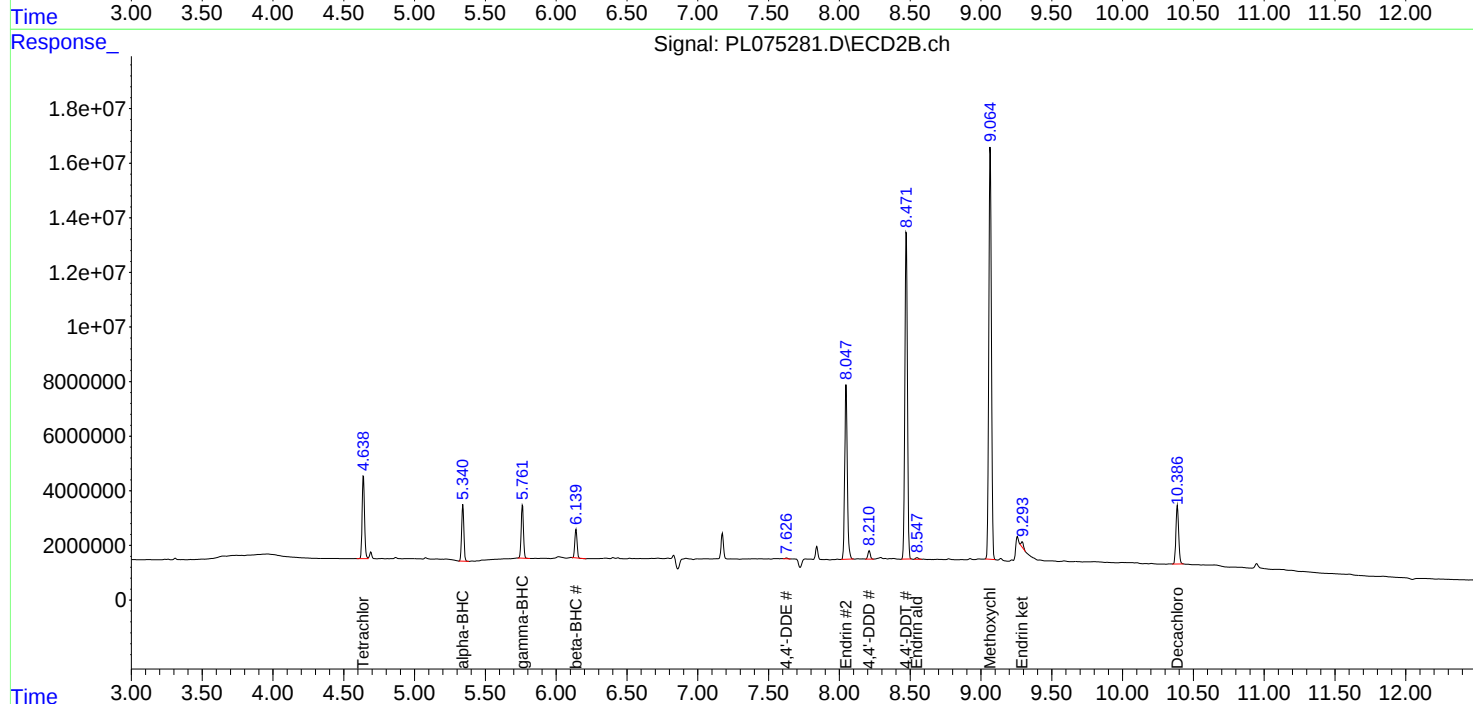
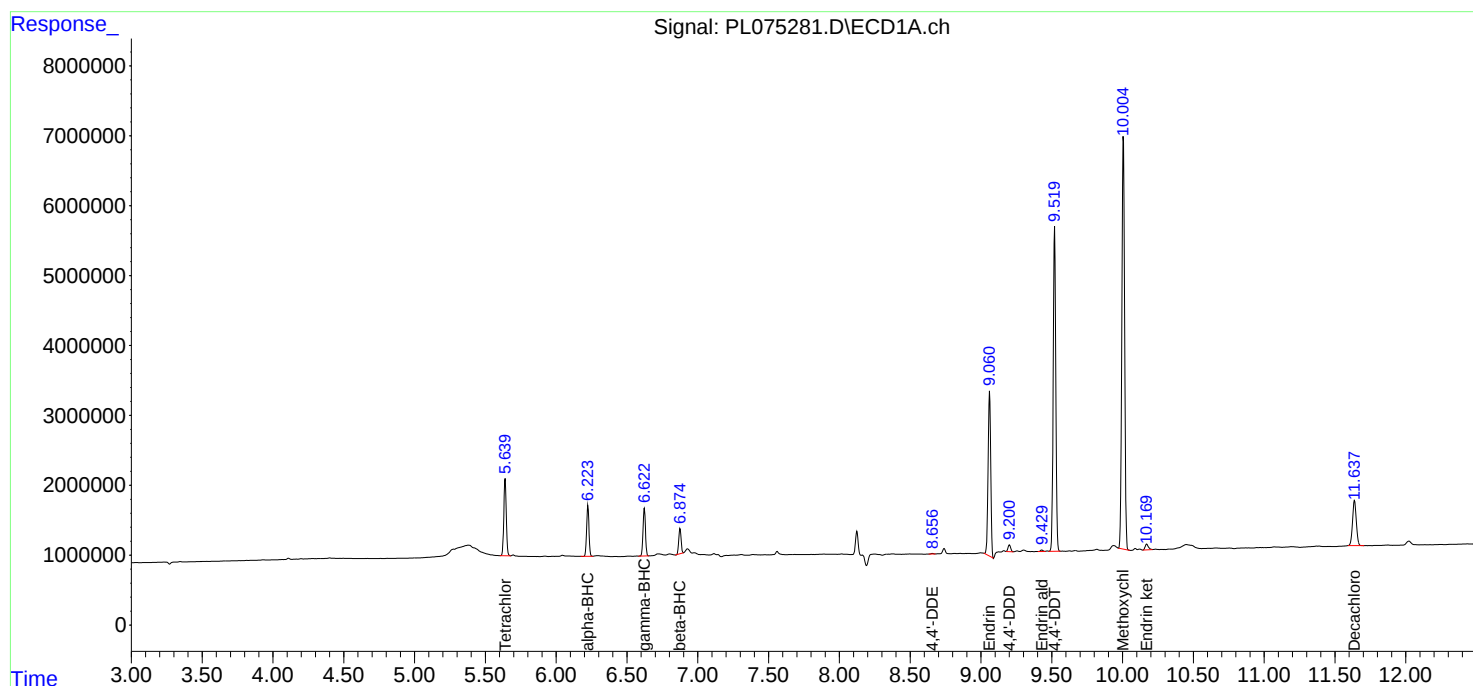
Instrument :
ECD_L
ClientSampleId :
PEM

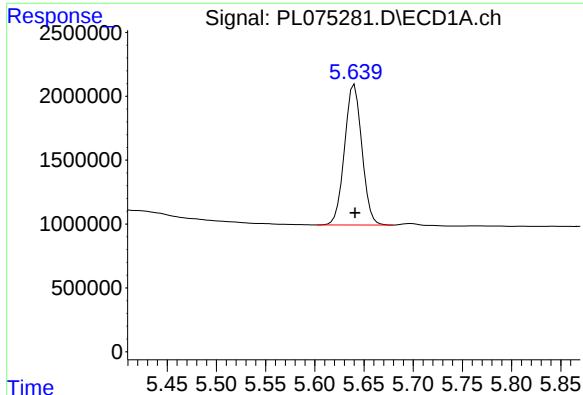
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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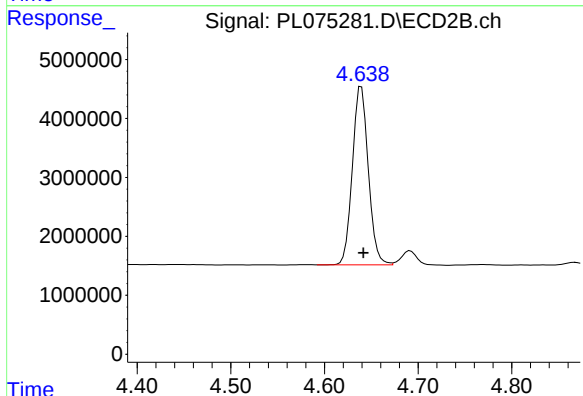
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 13520392
Conc: 23.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

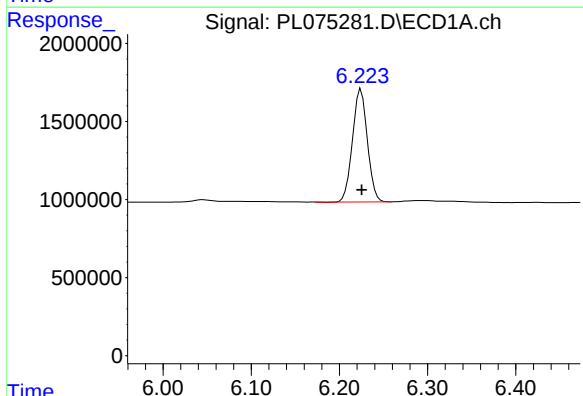
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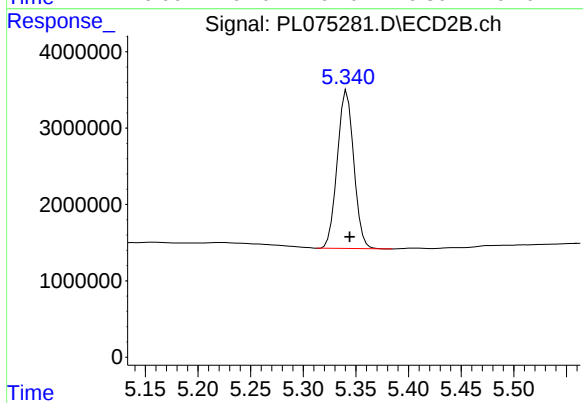
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: -0.002 min
Response: 35793893
Conc: 22.60 ng/ml



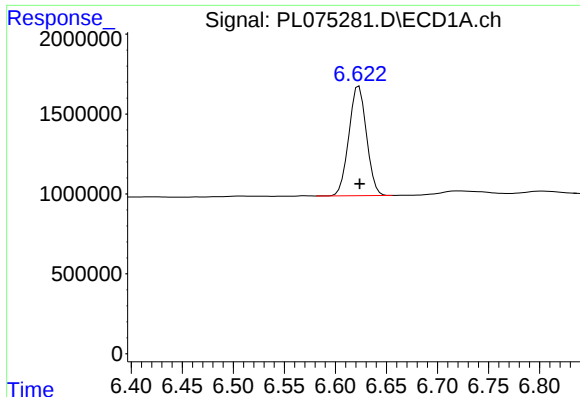
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8479393
Conc: 10.27 ng/ml



#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.003 min
Response: 22627381
Conc: 10.45 ng/ml



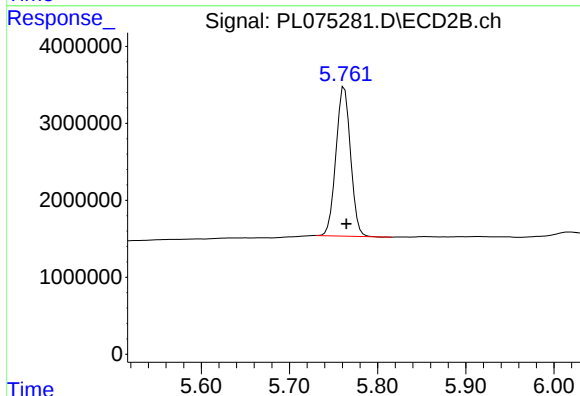
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 8244142
Conc: 10.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

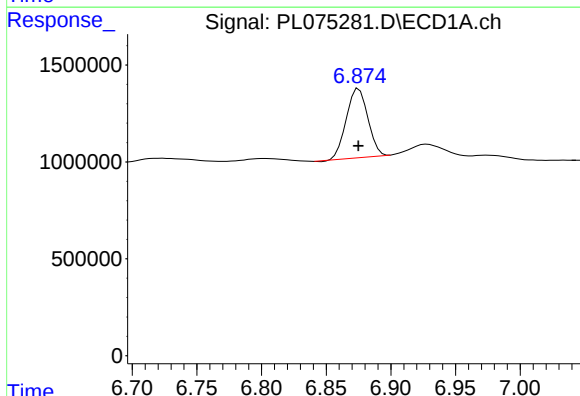
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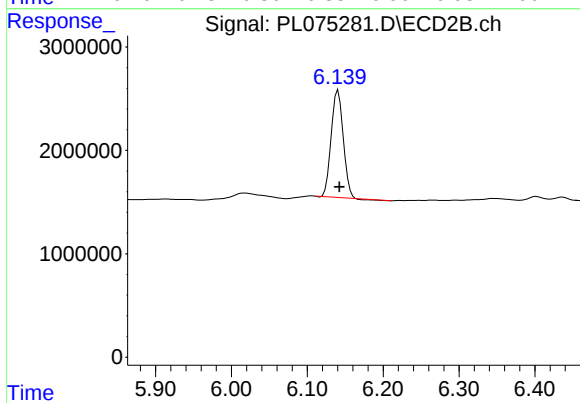
#3 gamma-BHC (Lindane)

R.T.: 5.762 min
Delta R.T.: -0.002 min
Response: 22286798
Conc: 10.61 ng/ml



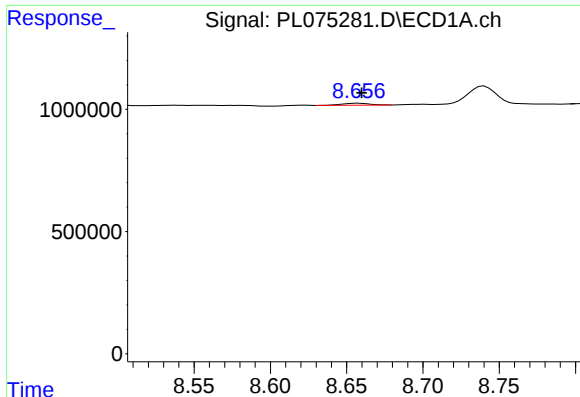
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4109263
Conc: 11.04 ng/ml



#6 beta-BHC

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 11399893
Conc: 11.75 ng/ml



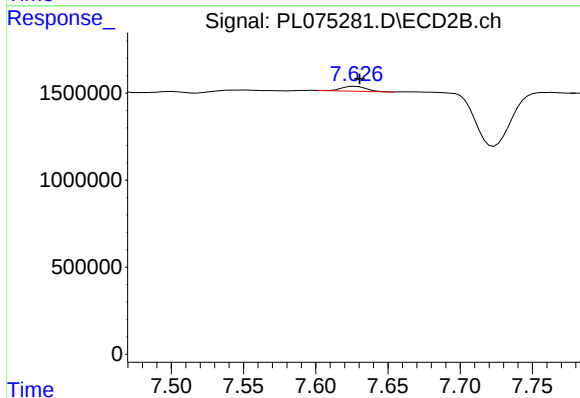
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: -0.004 min
Response: 104361
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

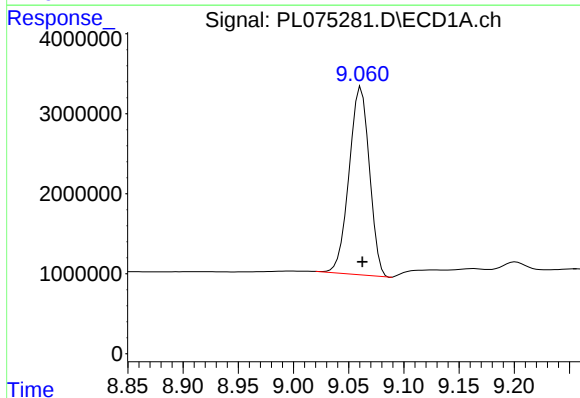
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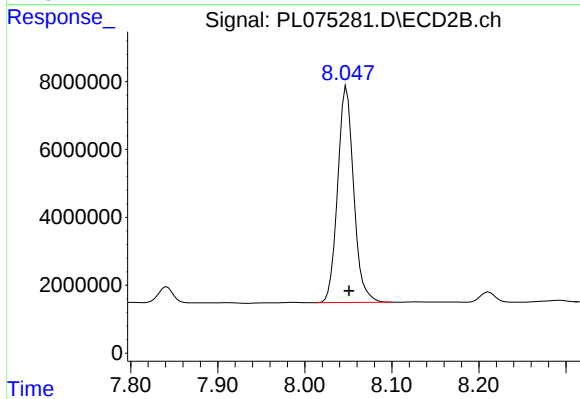
#12 4,4'-DDE

R.T.: 7.627 min
Delta R.T.: -0.003 min
Response: 326635
Conc: 0.20 ng/ml



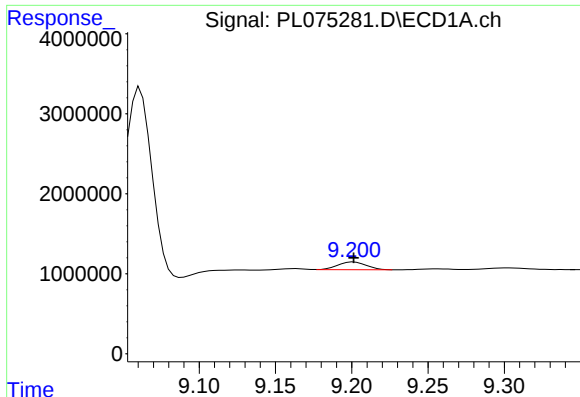
#14 Endrin

R.T.: 9.061 min
Delta R.T.: -0.001 min
Response: 30141796
Conc: 56.76 ng/ml



#14 Endrin

R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 81428868
Conc: 52.31 ng/ml



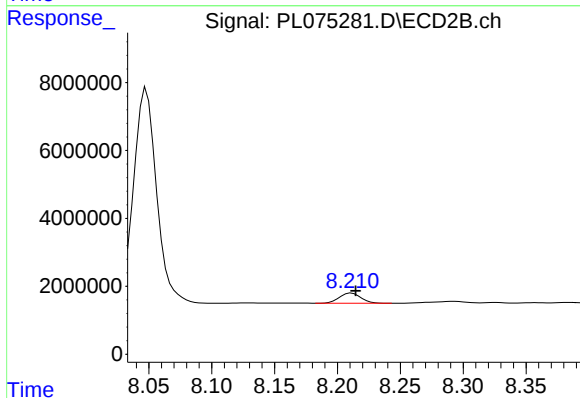
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 1263947
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

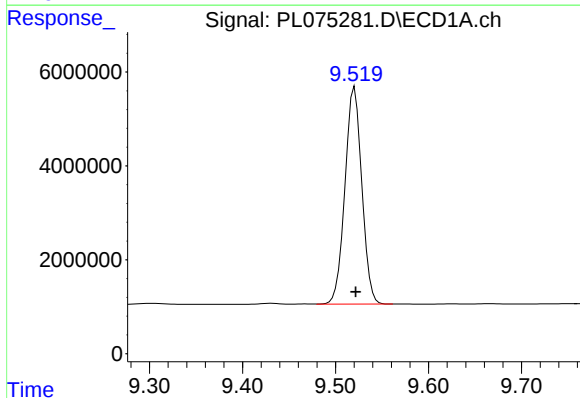
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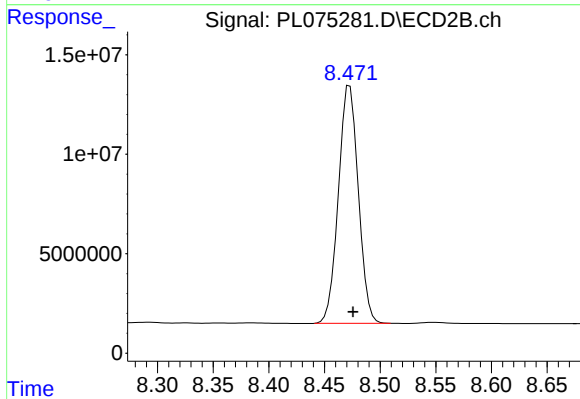
#16 4,4'-DDD

R.T.: 8.211 min
Delta R.T.: -0.003 min
Response: 3592098
Conc: 2.69 ng/ml



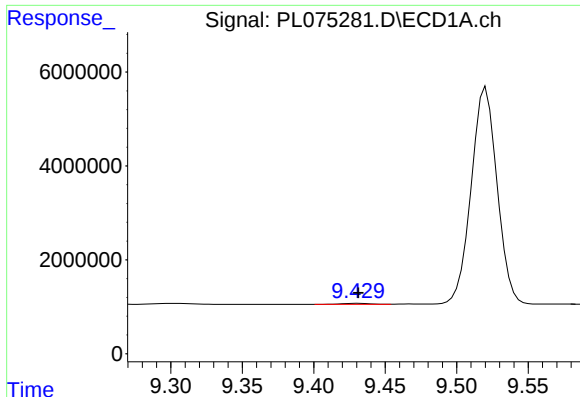
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: -0.001 min
Response: 58269940
Conc: 100.04 ng/ml



#17 4,4'-DDT

R.T.: 8.473 min
Delta R.T.: -0.003 min
Response: 148939098
Conc: 104.14 ng/ml



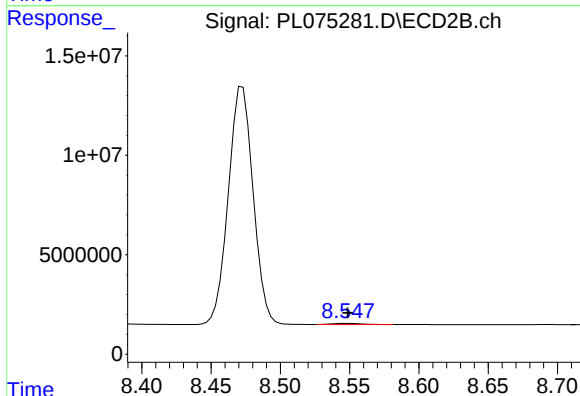
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: -0.002 min
Response: 312543
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

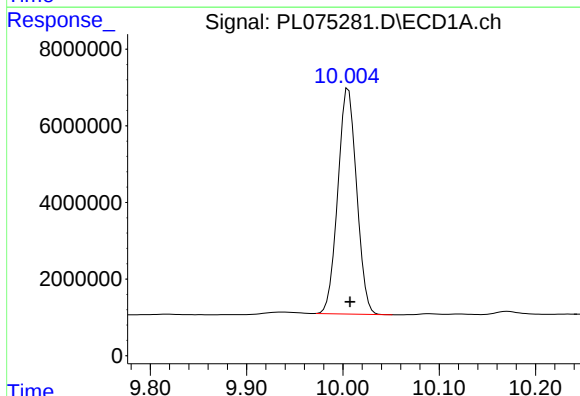
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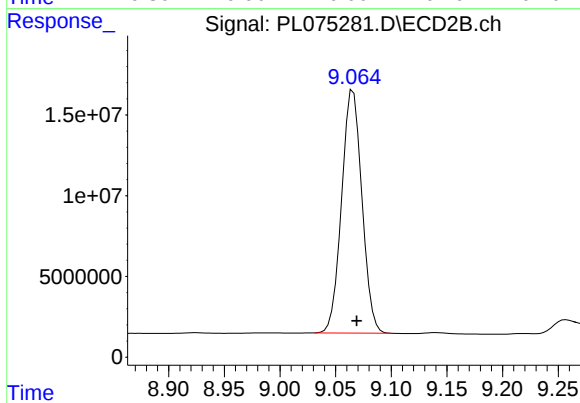
#18 Endrin aldehyde

R.T.: 8.547 min
Delta R.T.: -0.002 min
Response: 901917
Conc: 0.75 ng/ml m



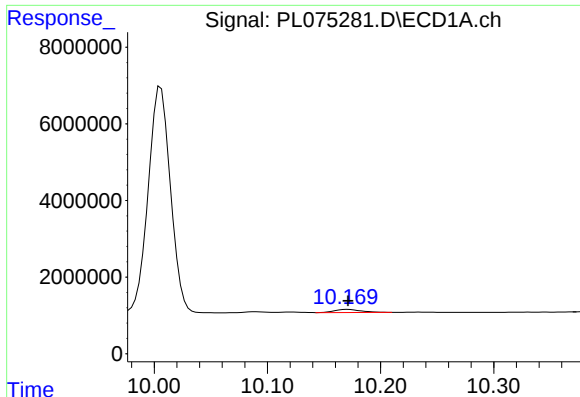
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: -0.002 min
Response: 79719115
Conc: 260.28 ng/ml



#20 Methoxychlor

R.T.: 9.066 min
Delta R.T.: -0.003 min
Response: 191308371
Conc: 235.59 ng/ml



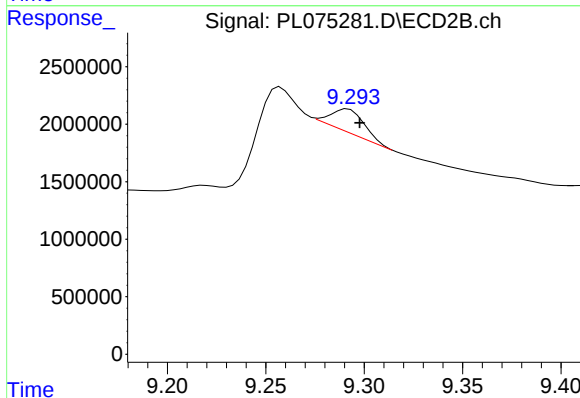
#21 Endrin ketone

R.T.: 10.169 min
Delta R.T.: -0.002 min
Response: 1359208
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

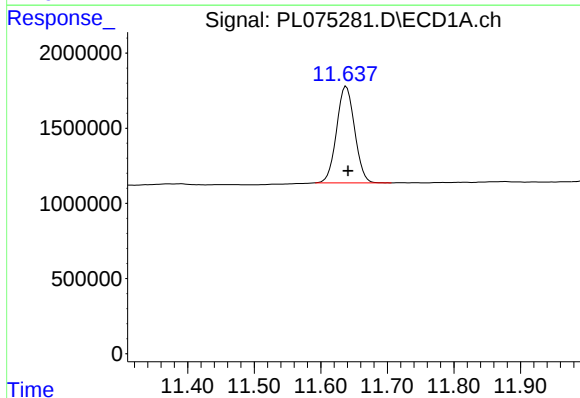
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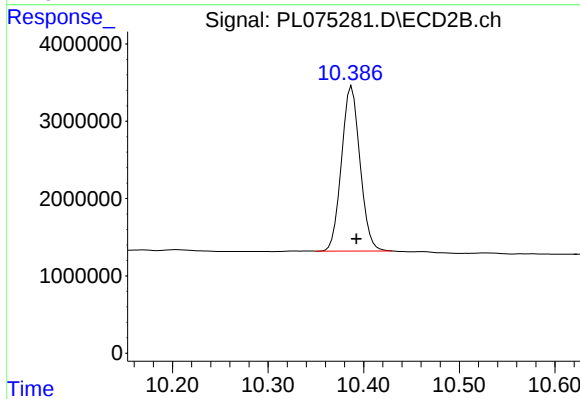
#21 Endrin ketone

R.T.: 9.293 min
Delta R.T.: -0.005 min
Response: 2286032
Conc: 1.43 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.638 min
Delta R.T.: -0.003 min
Response: 12072961
Conc: 22.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.005 min
Response: 28785858
Conc: 20.98 ng/ml