

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122822\
 Data File : PL079925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2022 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/29/2022
 Supervised By : Ankita Jodhani 12/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 20:56:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 19:58:15 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...	3.319	2.568	38201749	54393427	16.292	19.198
28)	SA Decachlor...	8.765	7.632	33642013	43908254	17.118	19.244
Target Compounds							
2)	A alpha-BHC	3.779	3.054	26030458	42978727	7.213	9.570 #
3)	MA gamma-BHC...	4.112	3.374	25282636	37996264	7.457	9.517 #
6)	B beta-BHC	4.328	3.675	11878658	17793709	8.131	11.514 #
14)	MA Endrin	6.345	5.363	94056339	129.1E6	36.977	43.599
16)	A 4,4'-DDD	6.492	5.524	9281279	15002244	4.409m	5.794 #
17)	MA 4,4'-DDT	6.803	5.770	176.1E6	234.4E6	74.743	87.532
18)	B Endrin al...	6.707	5.840	3516446	5733523	1.870	2.623 #
20)	A Methoxychlor	7.288	6.346	233.5E6	282.6E6	192.799	202.889
21)	B Endrin ke...	7.426	6.556	7332278	12630370	2.905	4.043 #

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

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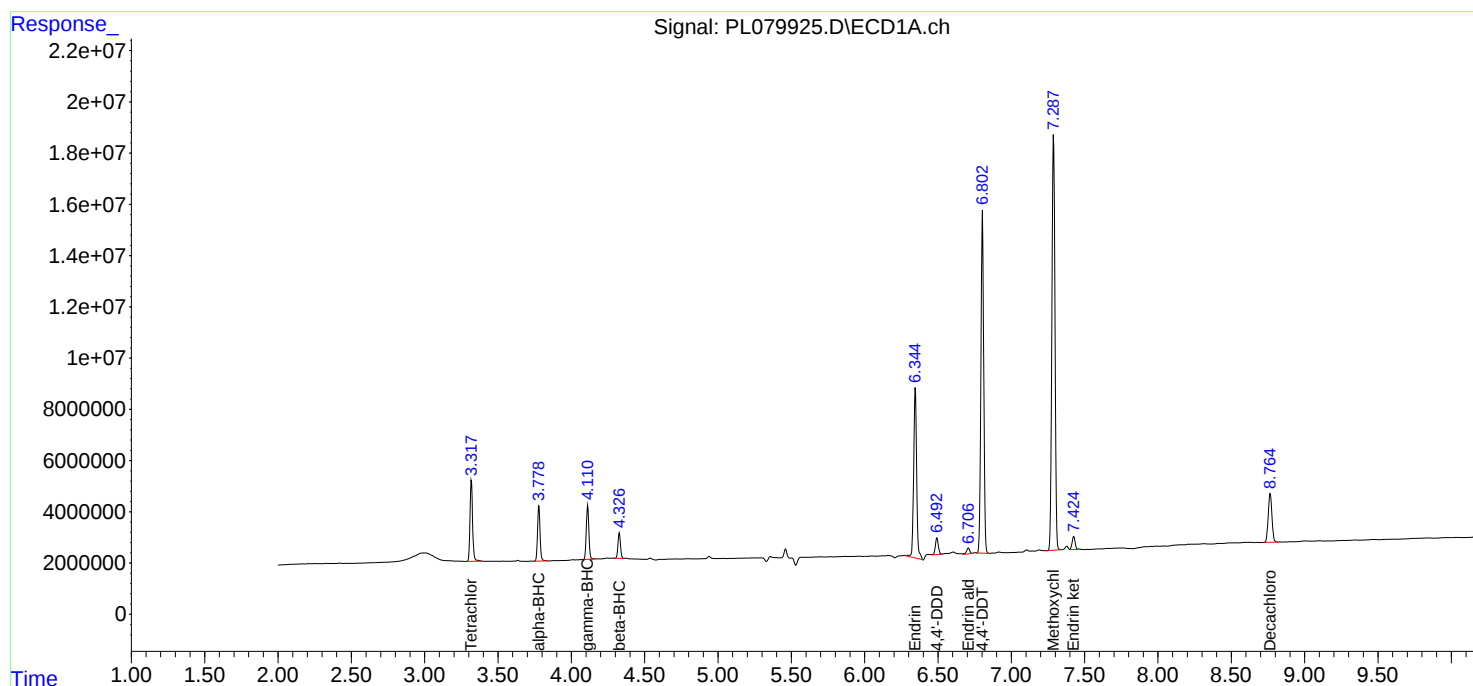
Instrument :
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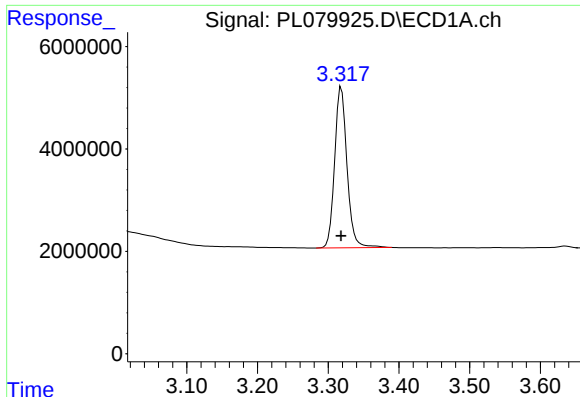
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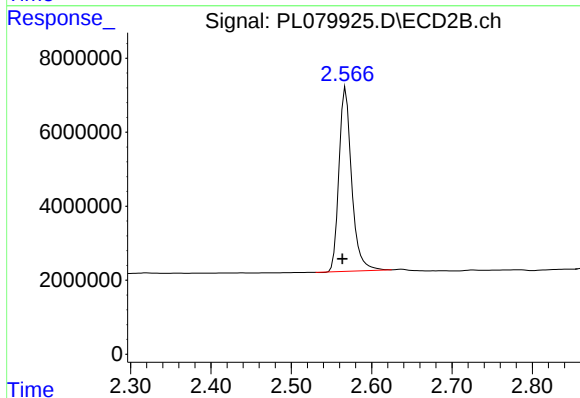
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 38201749
Conc: 16.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

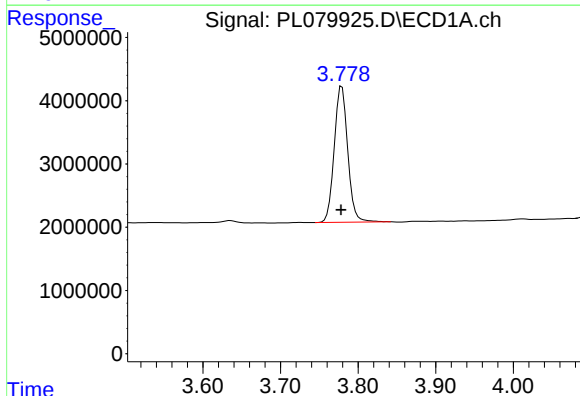
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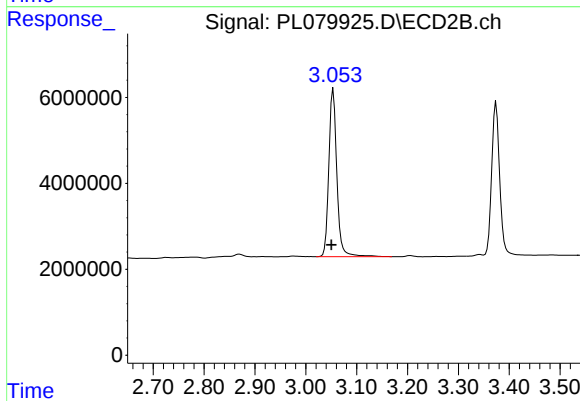
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: 0.004 min
Response: 54393427
Conc: 19.20 ng/ml



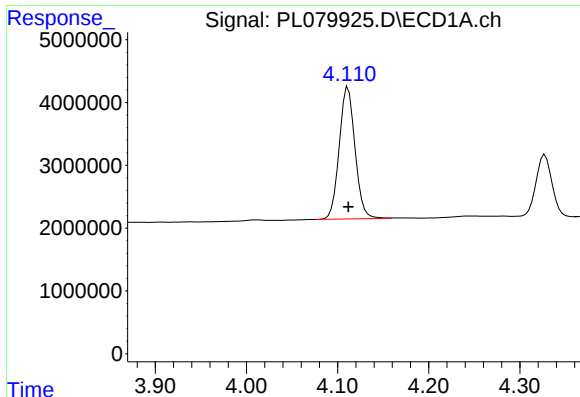
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 26030458
Conc: 7.21 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: 0.004 min
Response: 42978727
Conc: 9.57 ng/ml



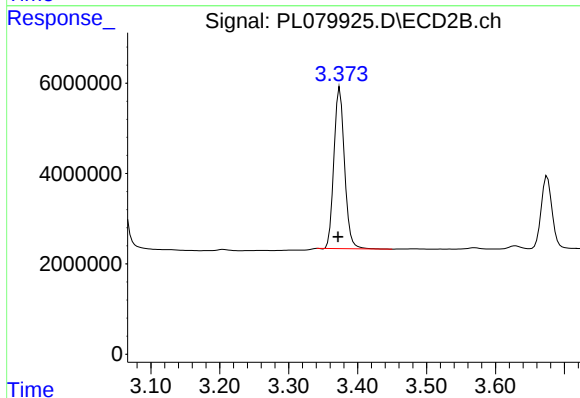
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.000 min
Response: 25282636
Conc: 7.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

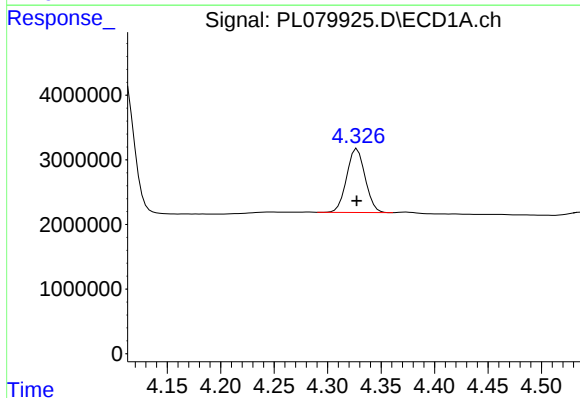
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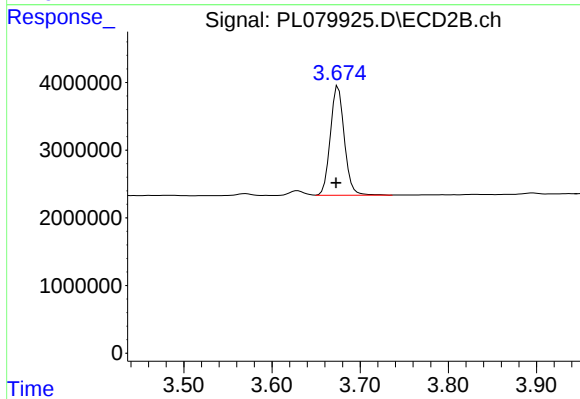
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: 0.003 min
Response: 37996264
Conc: 9.52 ng/ml



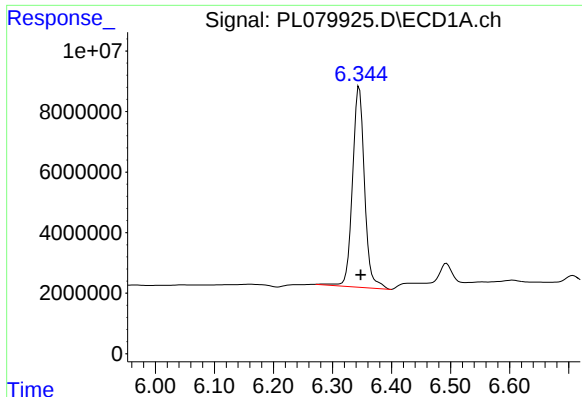
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 11878658
Conc: 8.13 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.002 min
Response: 17793709
Conc: 11.51 ng/ml



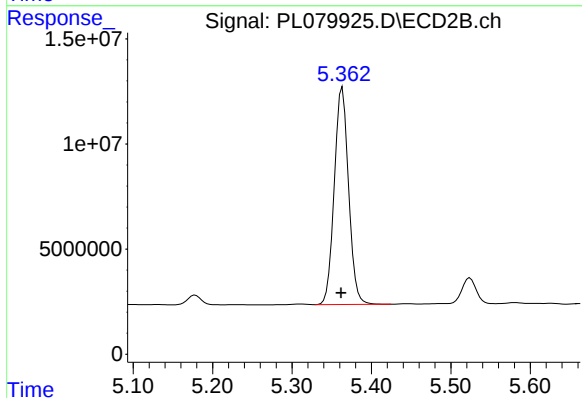
#14 Endrin

R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 94056339
Conc: 36.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

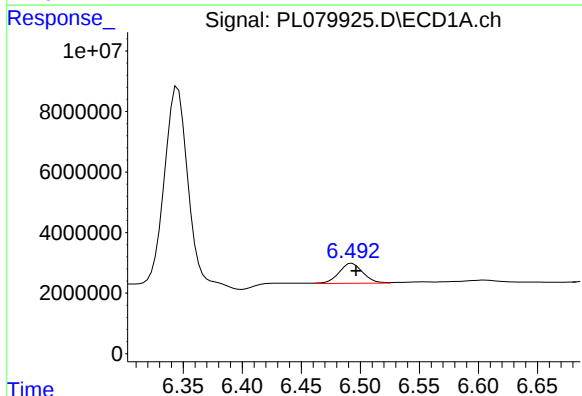
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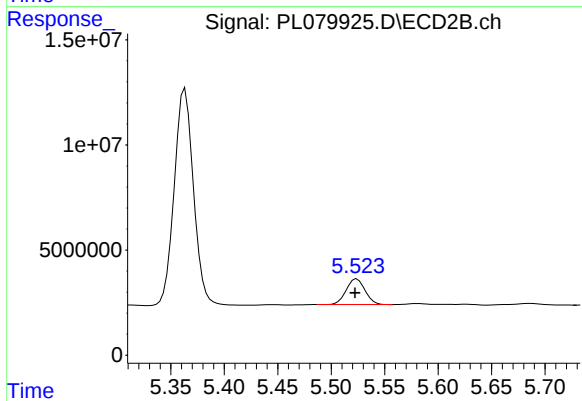
#14 Endrin

R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 129051609
Conc: 43.60 ng/ml



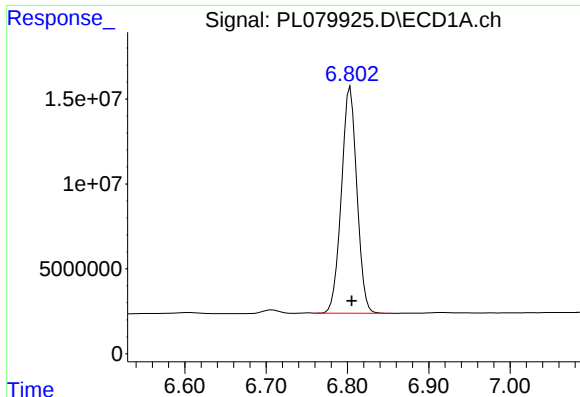
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: -0.005 min
Response: 9281279
Conc: 4.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 15002244
Conc: 5.79 ng/ml



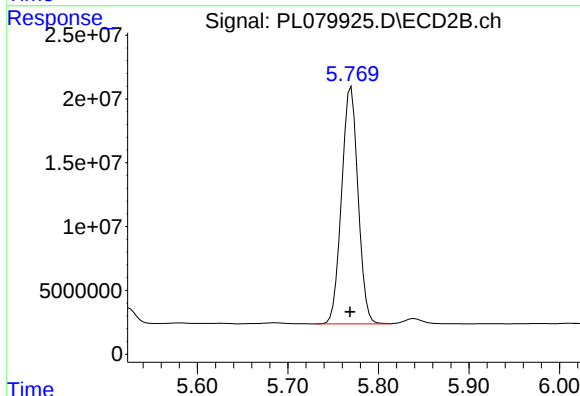
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 176076247
Conc: 74.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

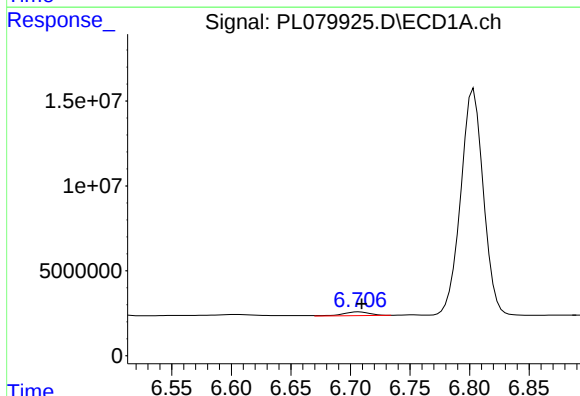
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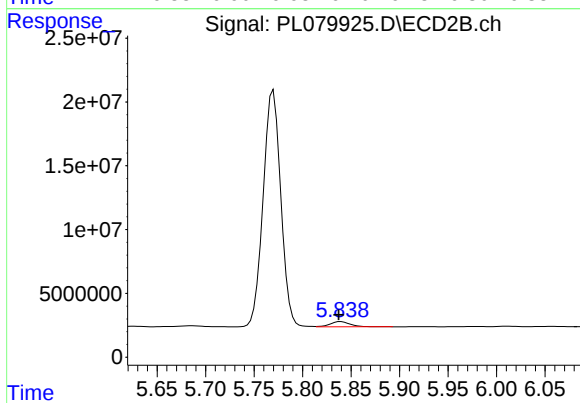
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: 0.001 min
Response: 234385368
Conc: 87.53 ng/ml



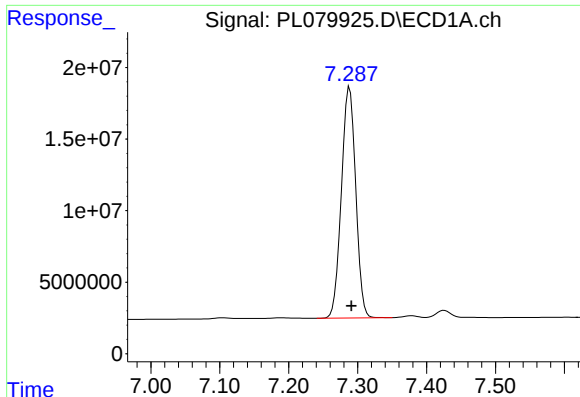
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 3516446
Conc: 1.87 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.002 min
Response: 5733523
Conc: 2.62 ng/ml



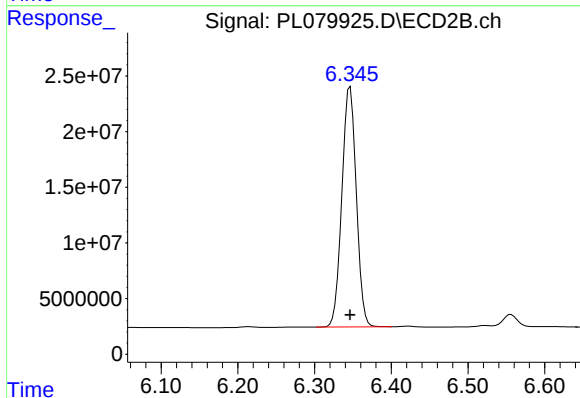
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 233501025
Conc: 192.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

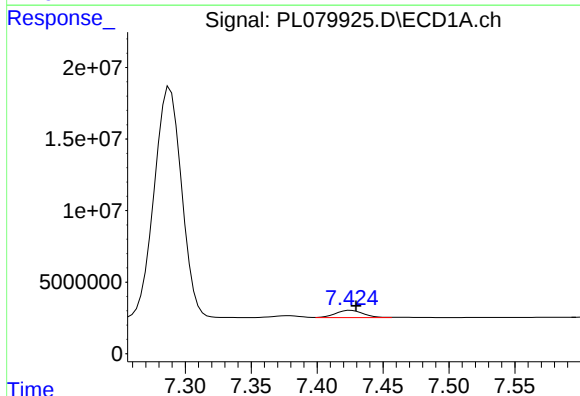
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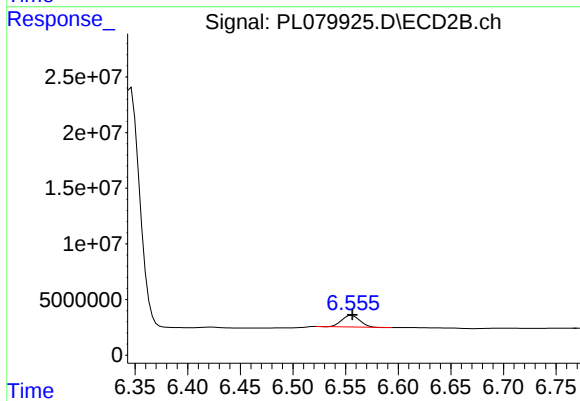
#20 Methoxychlor

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 282643921
Conc: 202.89 ng/ml



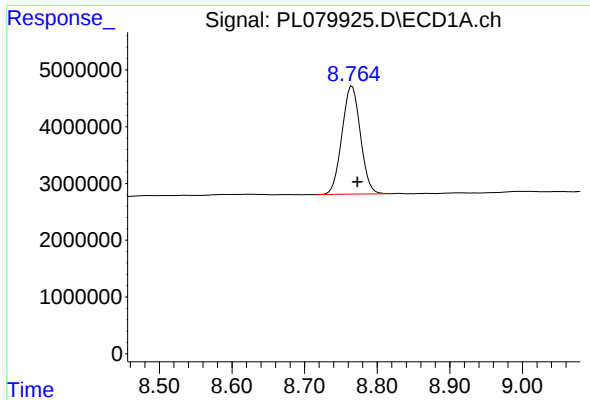
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: -0.004 min
Response: 7332278
Conc: 2.90 ng/ml



#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 12630370
Conc: 4.04 ng/ml



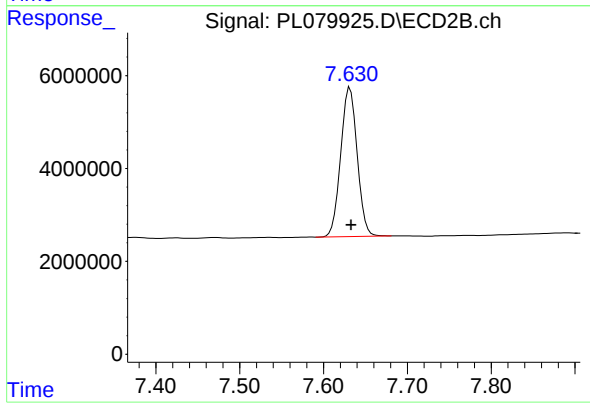
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: -0.007 min
Response: 33642013
Conc: 17.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 43908254
Conc: 19.24 ng/ml