

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
 Data File : PL082448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2023 08:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2023
 Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 12:38:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.325	2.647	49992235	41581757	18.715	17.948
28)	SA Decachlor...	8.748	7.759	36742811	39818289	19.246	17.445
Target Compounds							
2)	A alpha-BHC	3.773	3.144	34861156	26902755	8.759	7.904
3)	MA gamma-BHC...	4.102	3.471	34534275	25891889	9.236	8.053
6)	B beta-BHC	4.306	3.771	17265460	13735277	10.123	10.067
12)	B 4,4'-DDE	5.954	5.084	345525	296449	0.136m	0.129m
14)	MA Endrin	6.327	5.488	97378553	90953079	40.163	37.185
16)	A 4,4'-DDD	6.472	5.639	6614011	5524038	3.263	2.953
17)	MA 4,4'-DDT	6.783	5.888	190.9E6	177.9E6	83.427	84.207
18)	B Endrin al...	6.679	5.964	3961355	4255217	2.102m	2.274m
20)	A Methoxychlor	7.265	6.468	249.9E6	238.3E6	204.753	196.655
21)	B Endrin ke...	7.392	6.692	7692890	8777956	3.213m	3.458

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

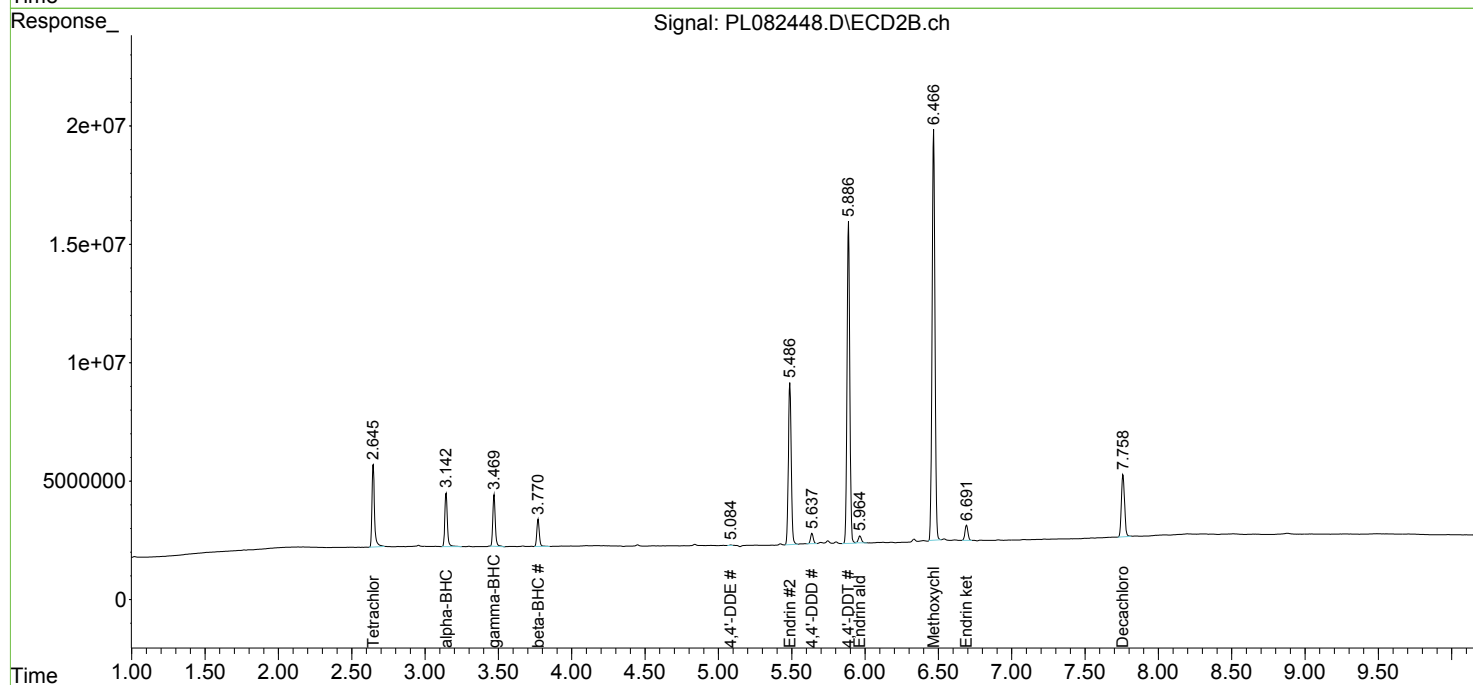
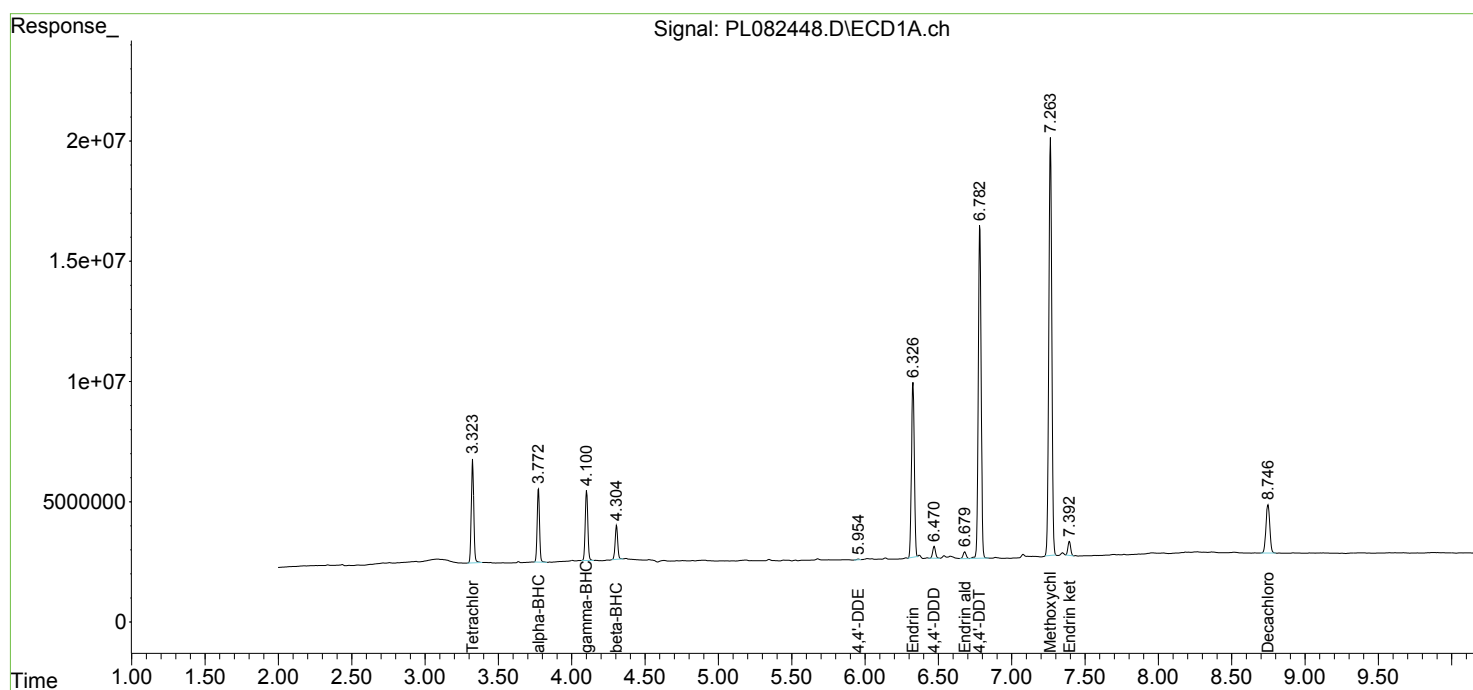
Instrument :
ECD_L
ClientSampleId :
PEM

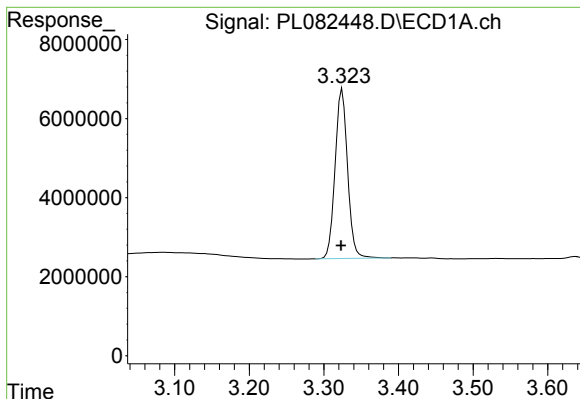
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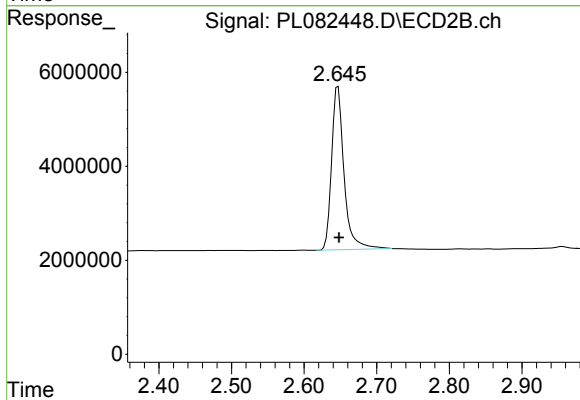
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 49992235
Conc: 18.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

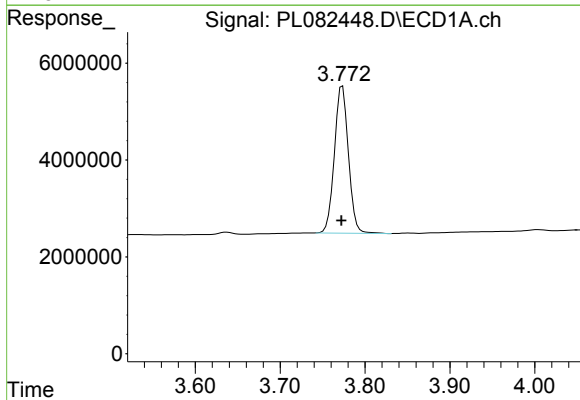
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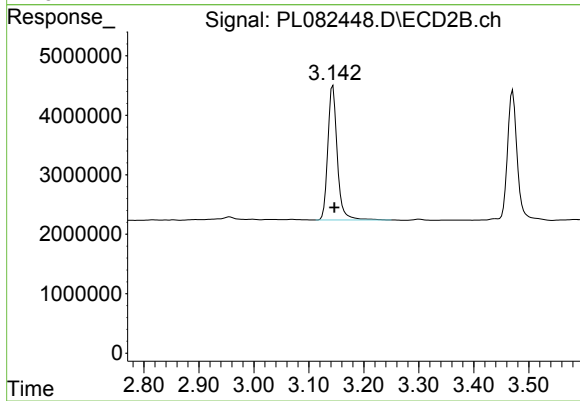
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.002 min
Response: 41581757
Conc: 17.95 ng/ml



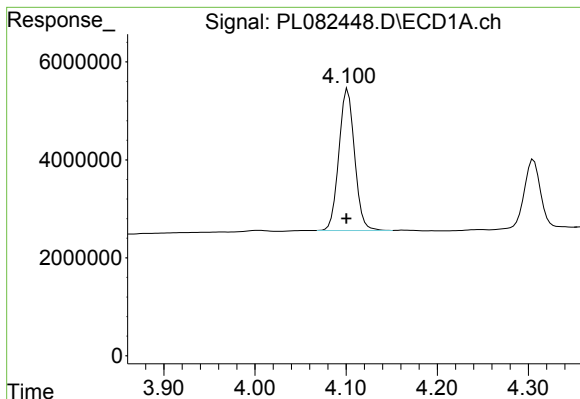
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.001 min
Response: 34861156
Conc: 8.76 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 26902755
Conc: 7.90 ng/ml



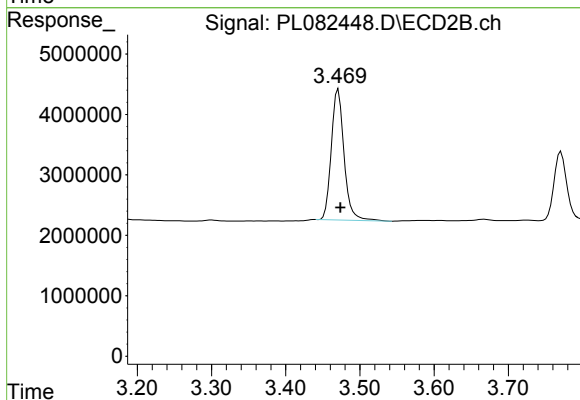
#3 gamma-BHC (Lindane)

R.T.: 4.102 min
Delta R.T.: 0.001 min
Response: 34534275
Conc: 9.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

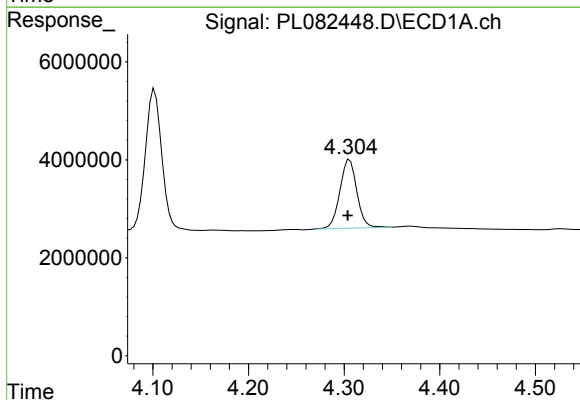
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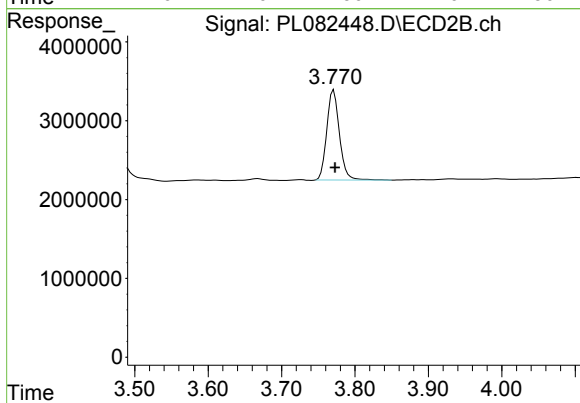
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 25891889
Conc: 8.05 ng/ml



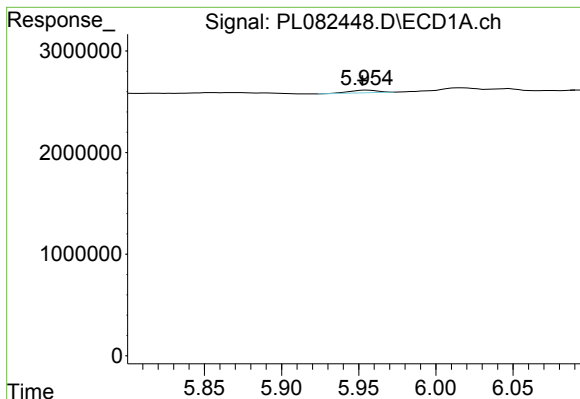
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 17265460
Conc: 10.12 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 13735277
Conc: 10.07 ng/ml



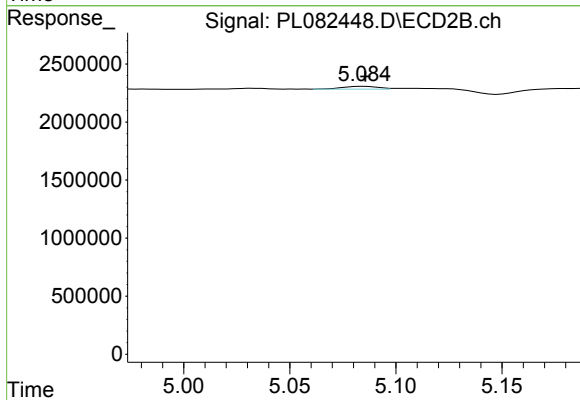
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 345525
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

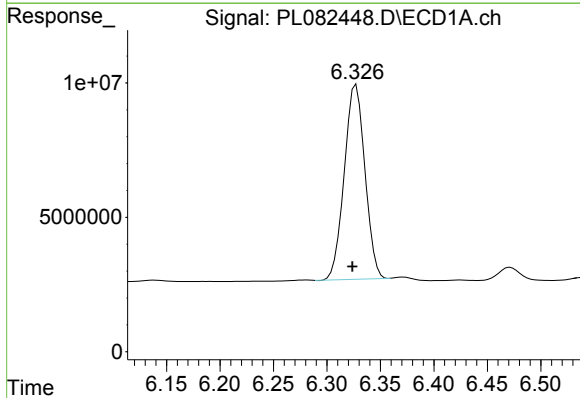
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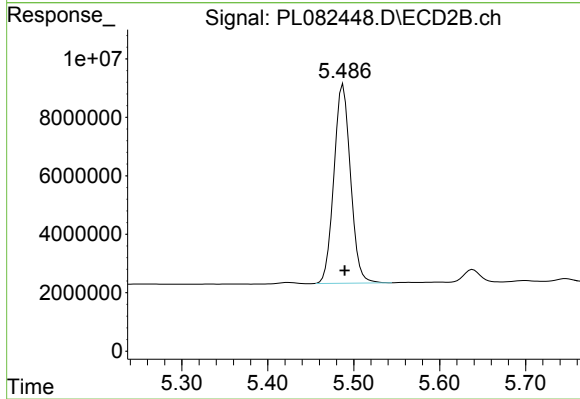
#12 4,4'-DDE

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 296449
Conc: 0.13 ng/ml m



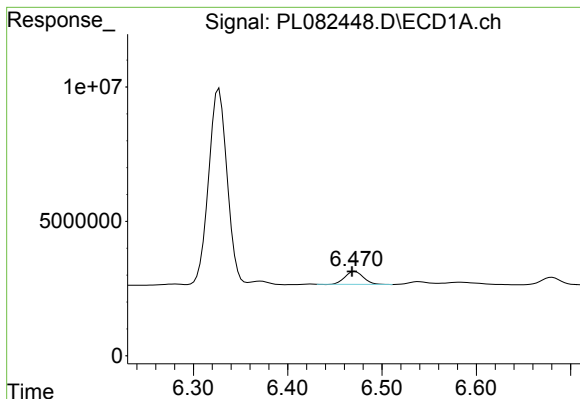
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 97378553
Conc: 40.16 ng/ml



#14 Endrin

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 90953079
Conc: 37.19 ng/ml



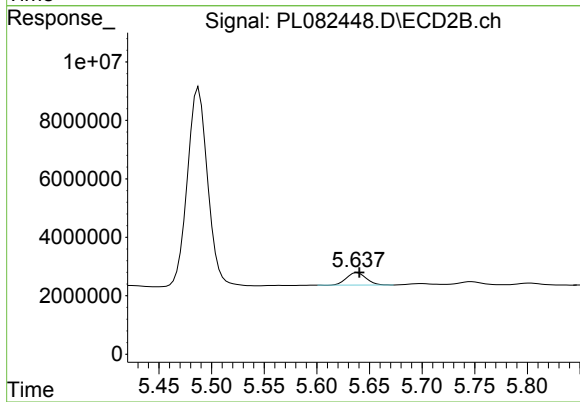
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 6614011
Conc: 3.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

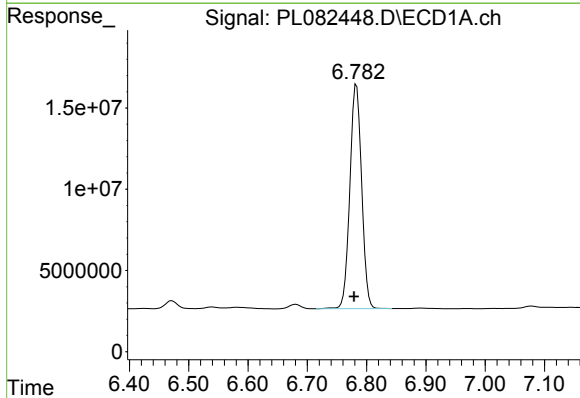
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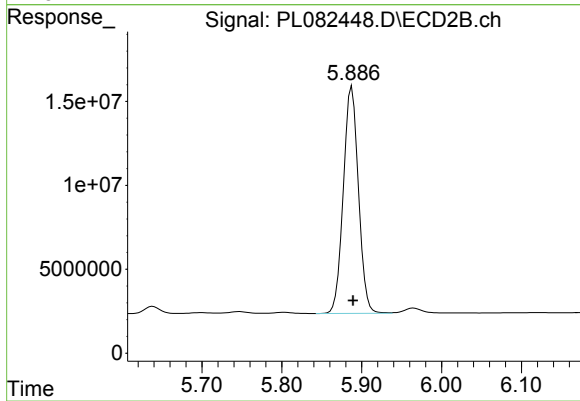
#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 5524038
Conc: 2.95 ng/ml



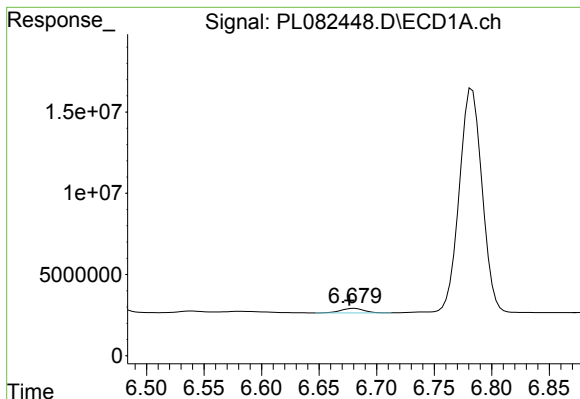
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 190856606
Conc: 83.43 ng/ml



#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 177894504
Conc: 84.21 ng/ml



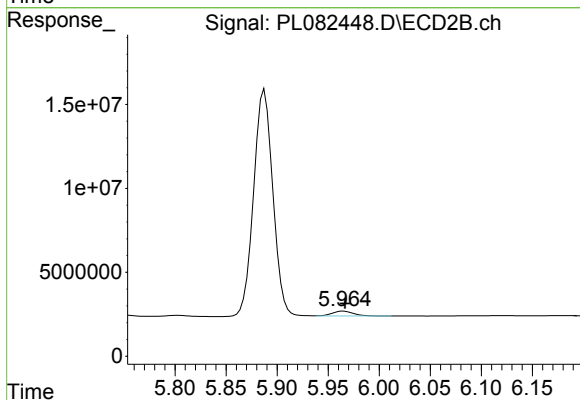
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.003 min
Response: 3961355
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

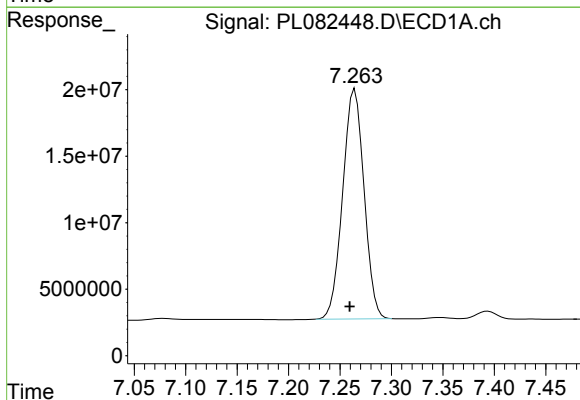
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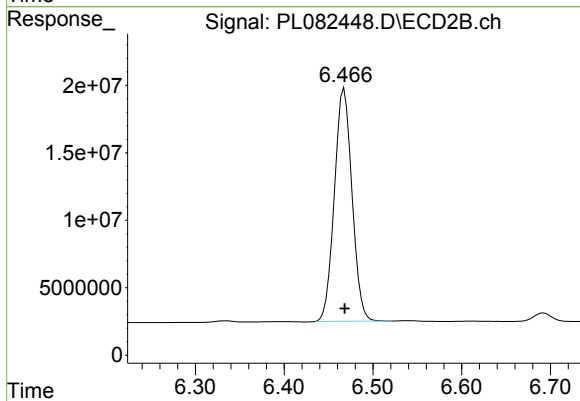
#18 Endrin aldehyde

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 4255217
Conc: 2.27 ng/ml m



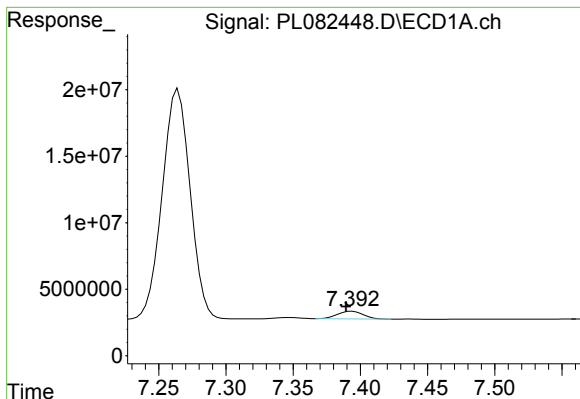
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: 0.005 min
Response: 249866598
Conc: 204.75 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 238313508
Conc: 196.66 ng/ml



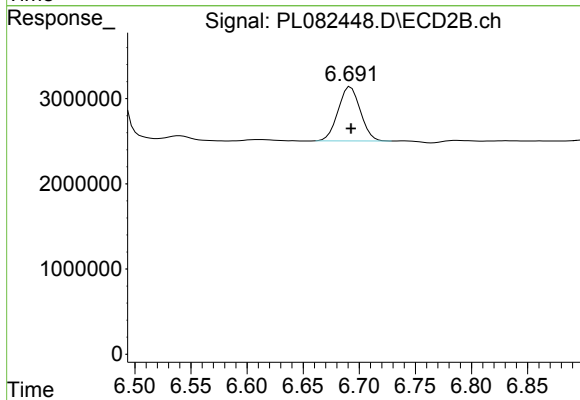
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 7692890
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

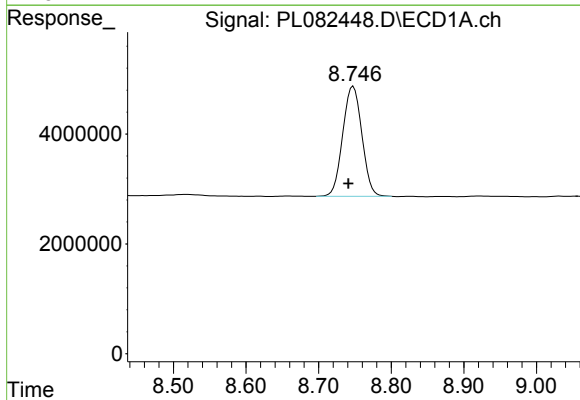
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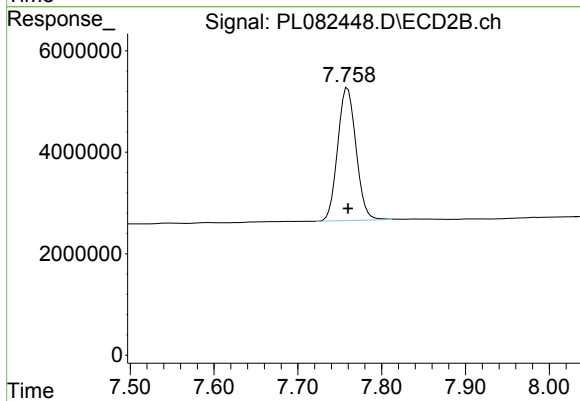
#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 8777956
Conc: 3.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: 0.007 min
Response: 36742811
Conc: 19.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 39818289
Conc: 17.45 ng/ml