

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 10:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2023
 Supervised By : Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:21:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.423	2.679	60474955	24012608	16.069	14.265
28)	SA Decachlor...	8.983	7.870	56021466	25722398	16.429	15.230
Target Compounds							
2)	A alpha-BHC	3.880	3.183	40759958	15944463	7.528	6.488
3)	MA gamma-BHC...	4.214	3.514	39332592	15584768	7.484	6.434
6)	B beta-BHC	4.413	3.816	20800208	8038163	9.056	7.722
14)	MA Endrin	6.474	5.560	127.5E6	63611372	33.138	31.875
16)	A 4,4'-DDD	6.619	5.720	3179801	1221732	0.962	0.738
17)	MA 4,4'-DDT	6.937	5.973	261.9E6	132.6E6	69.651	71.899
18)	B Endrin al...	6.827	6.039	4214826	2996530	1.454m	2.042m#
20)	A Methoxychlor	7.422	6.559	352.8E6	171.0E6	180.951	167.397
21)	B Endrin ke...	7.549	6.770	7237661	3964184	1.779	1.862

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

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Operator : AR\AJ
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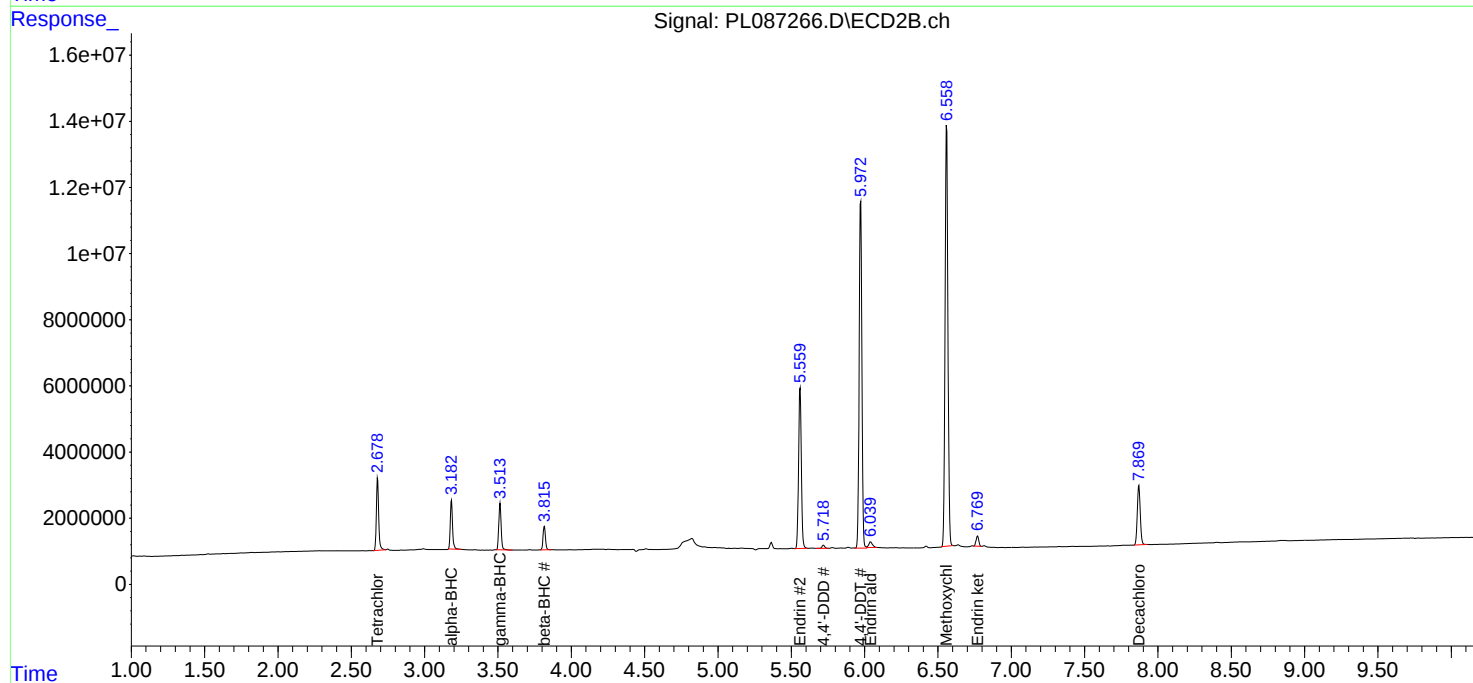
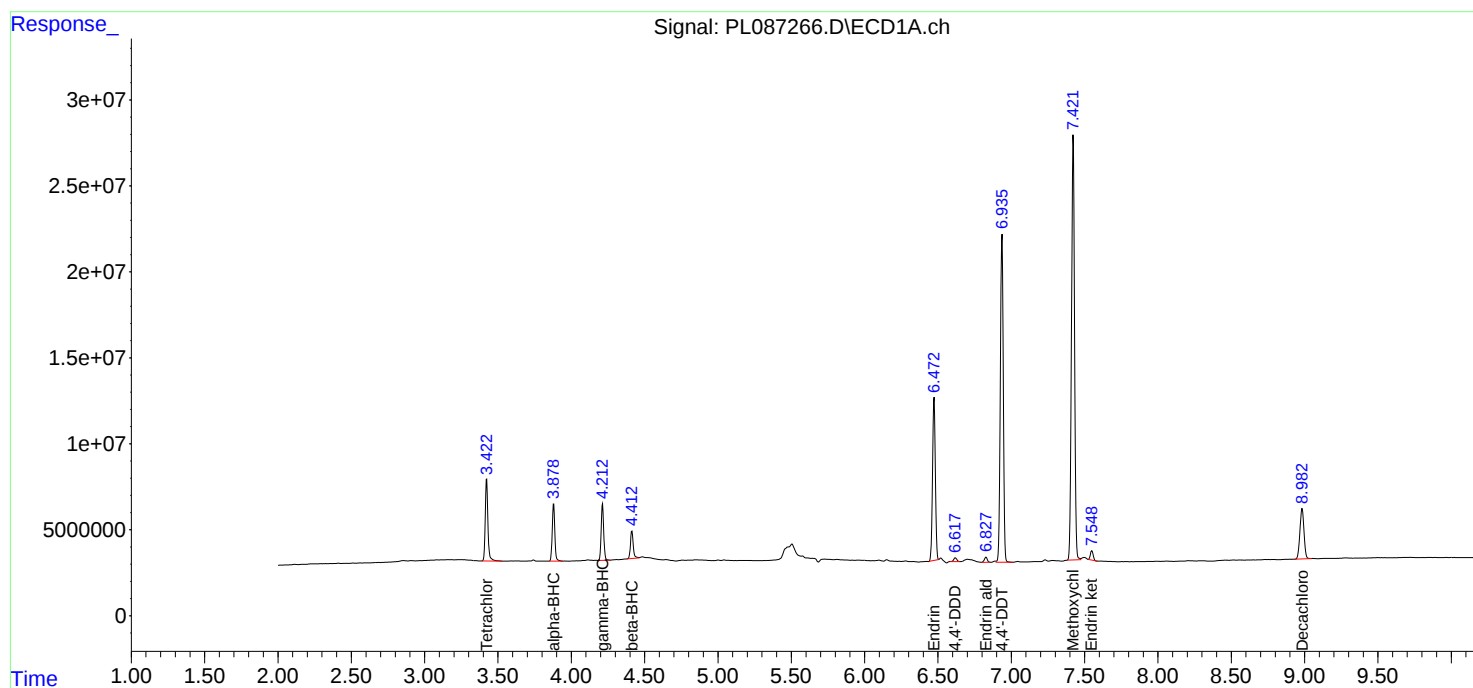
Instrument :
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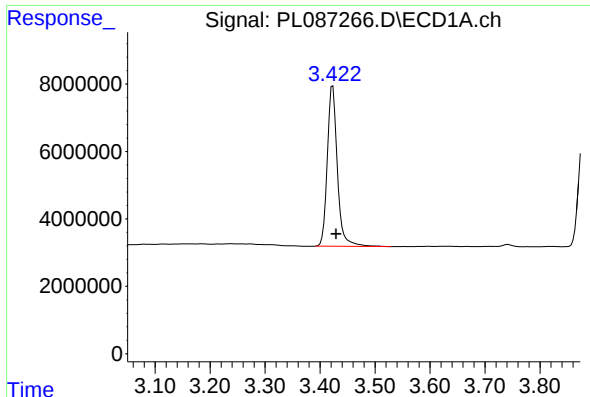
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Integration File signal 1: autoint1.e
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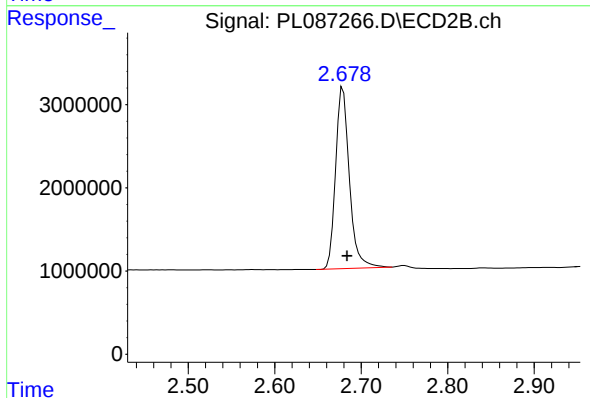
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 60474955
Conc: 16.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

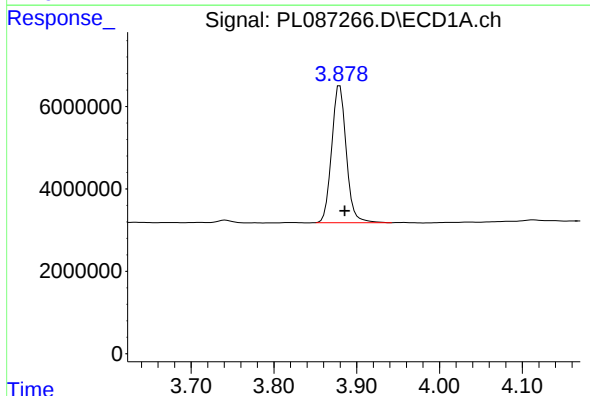
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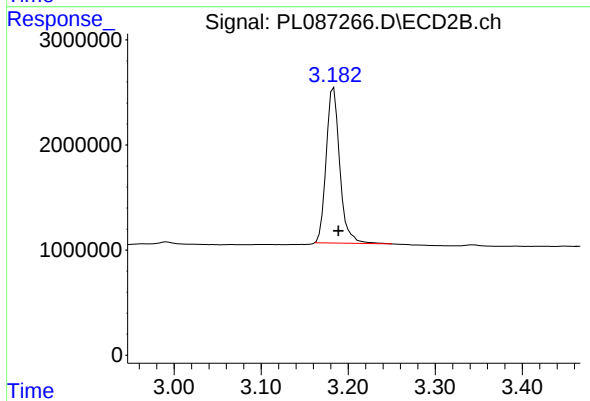
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.004 min
Response: 24012608
Conc: 14.27 ng/ml



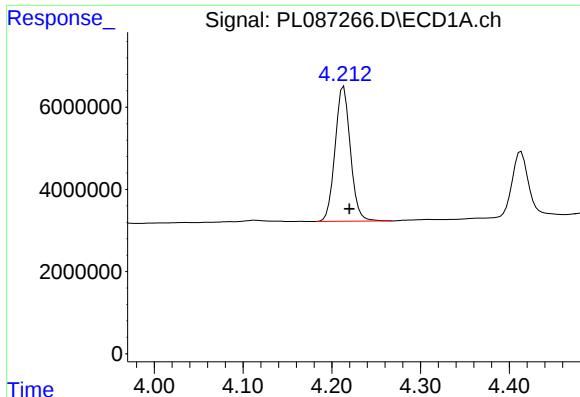
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.006 min
Response: 40759958
Conc: 7.53 ng/ml



#2 alpha-BHC

R.T.: 3.183 min
Delta R.T.: -0.006 min
Response: 15944463
Conc: 6.49 ng/ml



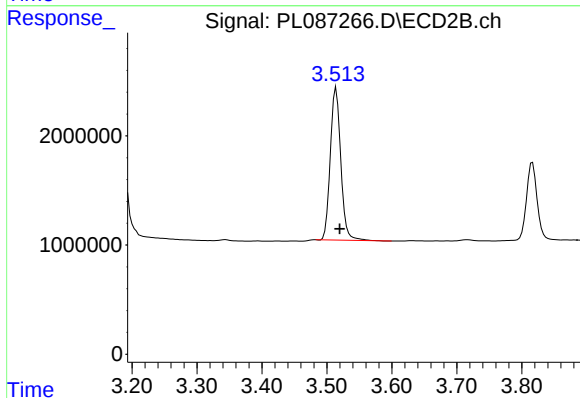
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: -0.006 min
Response: 39332592
Conc: 7.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

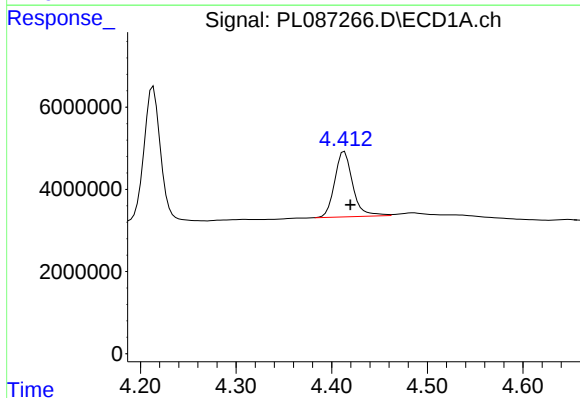
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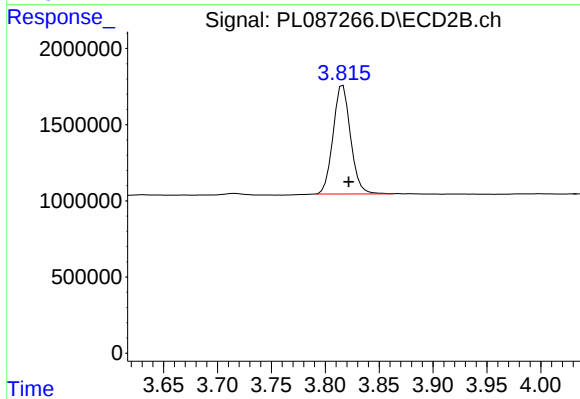
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 15584768
Conc: 6.43 ng/ml



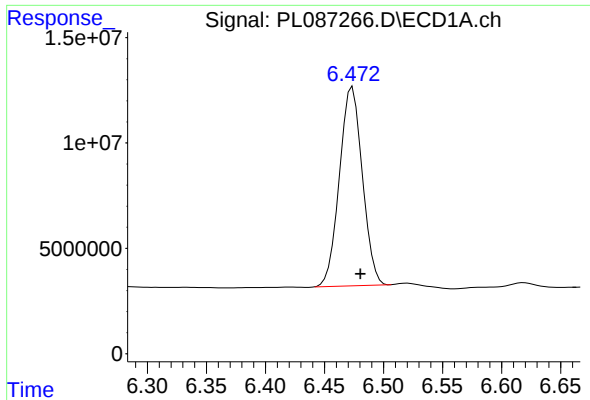
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: -0.006 min
Response: 20800208
Conc: 9.06 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: -0.005 min
Response: 8038163
Conc: 7.72 ng/ml



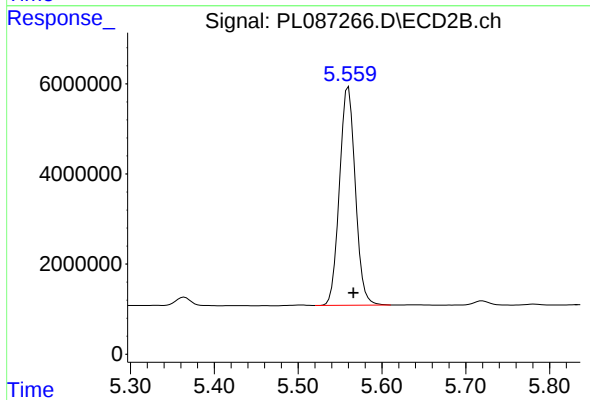
#14 Endrin

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 127493572
Conc: 33.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

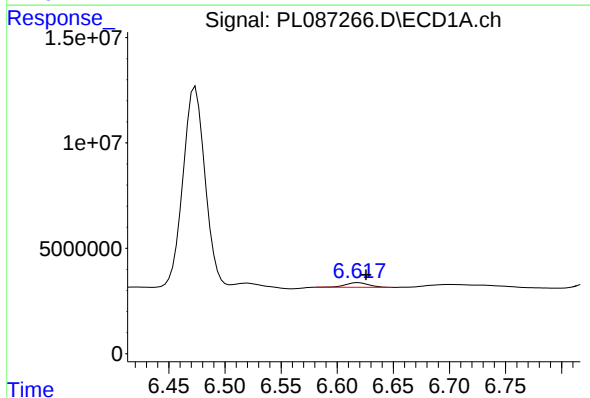
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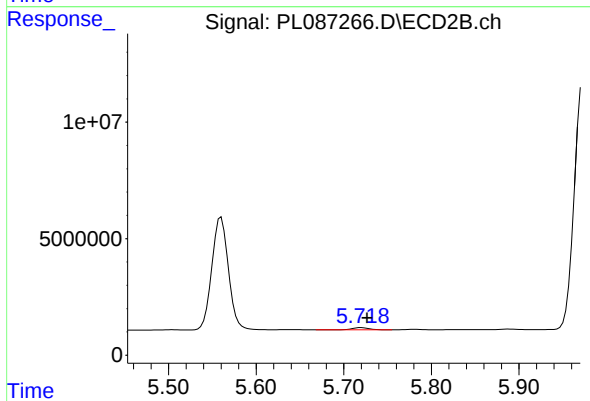
#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 63611372
Conc: 31.88 ng/ml



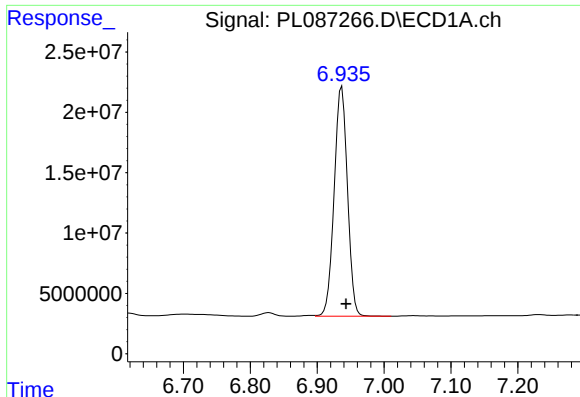
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 3179801
Conc: 0.96 ng/ml



#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.007 min
Response: 1221732
Conc: 0.74 ng/ml



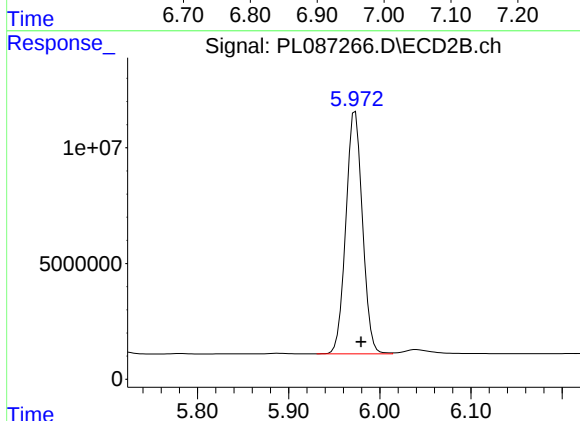
#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: -0.007 min
Response: 261902388
Conc: 69.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

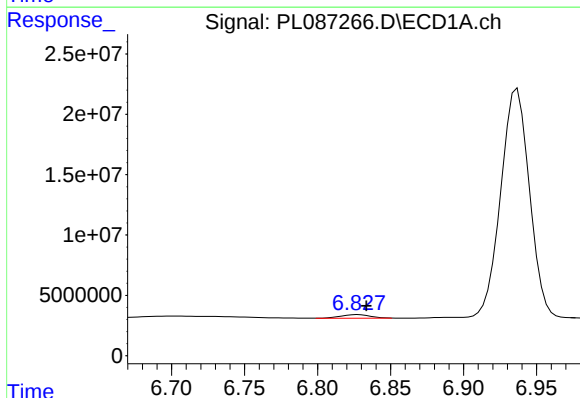
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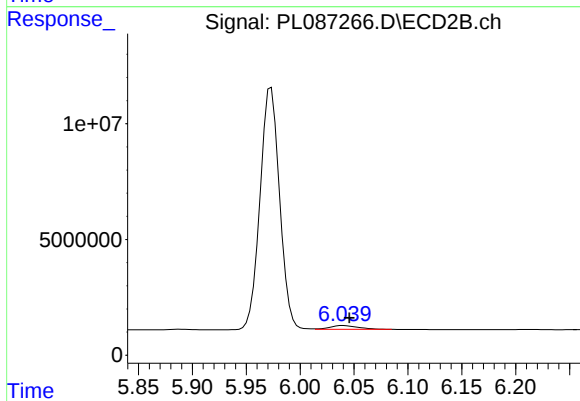
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.006 min
Response: 132604827
Conc: 71.90 ng/ml



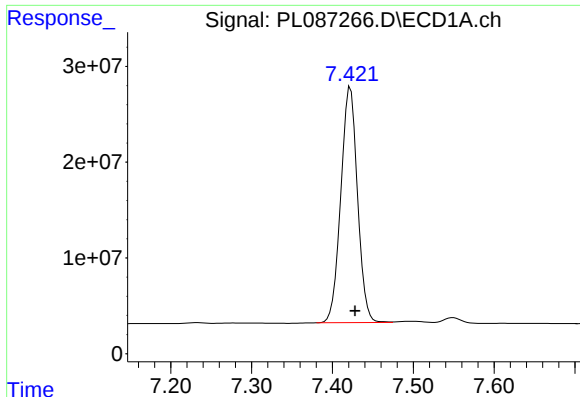
#18 Endrin aldehyde

R.T.: 6.827 min
Delta R.T.: -0.007 min
Response: 4214826
Conc: 1.45 ng/ml m



#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 2996530
Conc: 2.04 ng/ml m



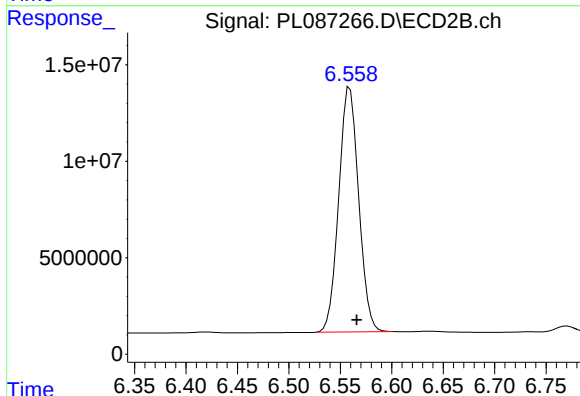
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 352841327
Conc: 180.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

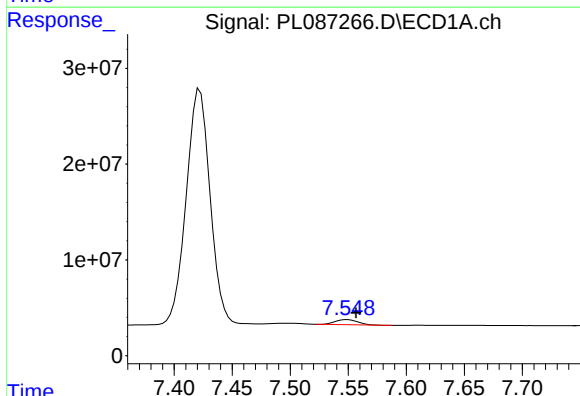
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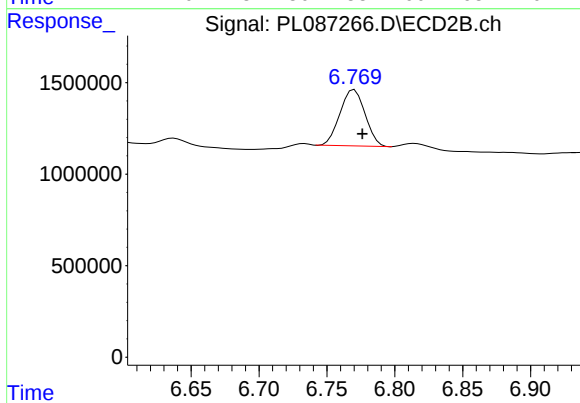
#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 170978389
Conc: 167.40 ng/ml



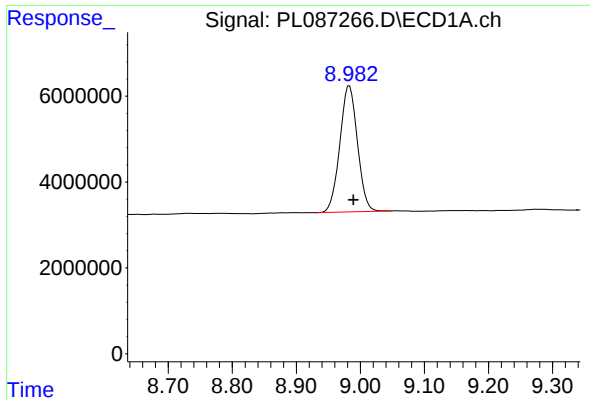
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: -0.007 min
Response: 7237661
Conc: 1.78 ng/ml



#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.006 min
Response: 3964184
Conc: 1.86 ng/ml



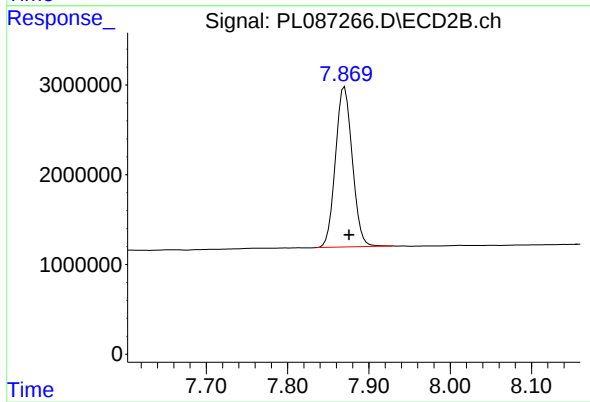
#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: -0.006 min
Response: 56021466
Conc: 16.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.005 min
Response: 25722398
Conc: 15.23 ng/ml