

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 20:15
 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 21 01:45:54 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...	3.422	2.677	59777284	24827189	15.884	14.749
28)	SA Decachlor...	8.980	7.868	58016893	26919057	17.014	15.938
Target Compounds							
2)	A alpha-BHC	3.878	3.182	40426535	15740931	7.467	6.405
3)	MA gamma-BHC...	4.212	3.513	39194875	15760928	7.458	6.506
6)	B beta-BHC	4.411	3.814	19291771	8117491	8.399	7.798
14)	MA Endrin	6.473	5.558	124.5E6	61258334	32.372	30.696
16)	A 4,4'-DDD	6.618	5.718	6910314	2803280	2.091	1.693
17)	MA 4,4'-DDT	6.935	5.971	265.8E6	126.2E6	70.694	68.453
18)	B Endrin al...	6.826	6.037	6038177	3819449	2.083	2.602m
20)	A Methoxychlor	7.420	6.557	336.7E6	161.9E6	172.651	158.508
21)	B Endrin ke...	7.548	6.767	10628368	6086946	2.613	2.859

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

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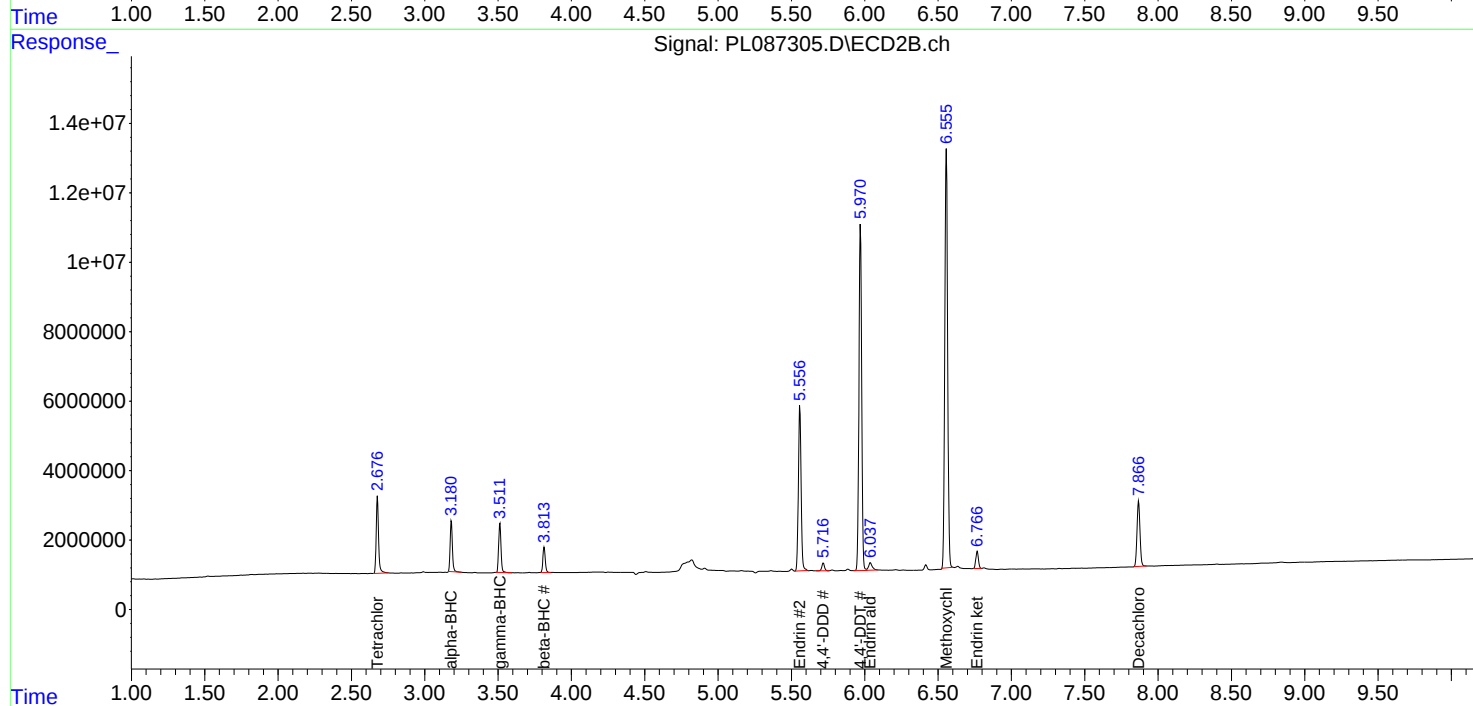
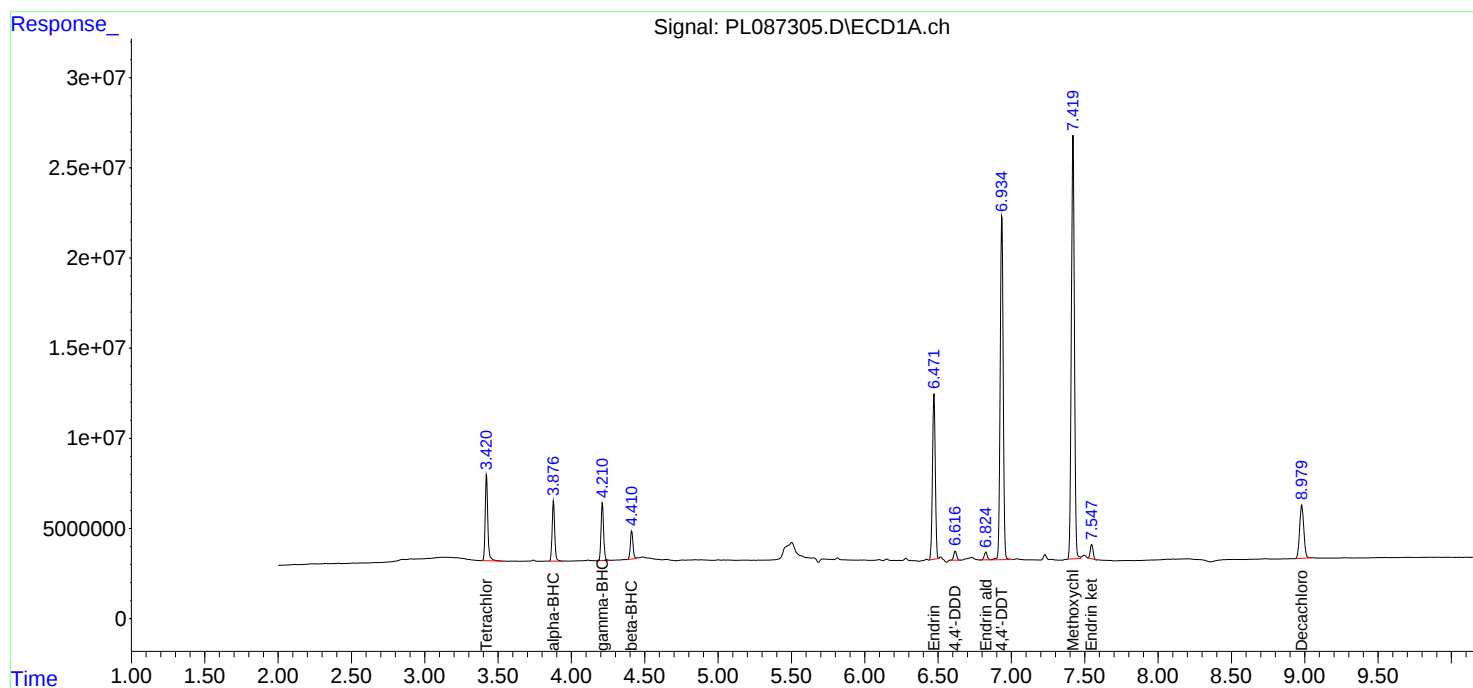
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PEM

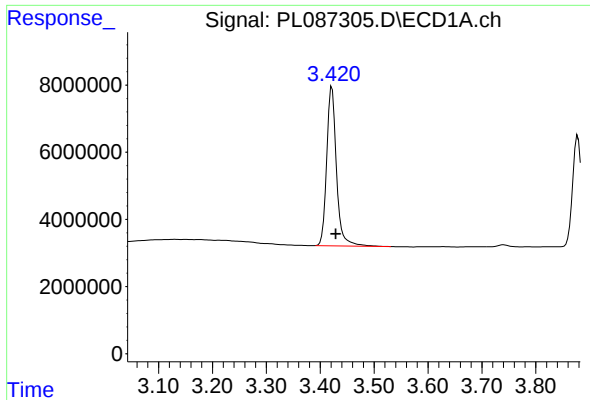
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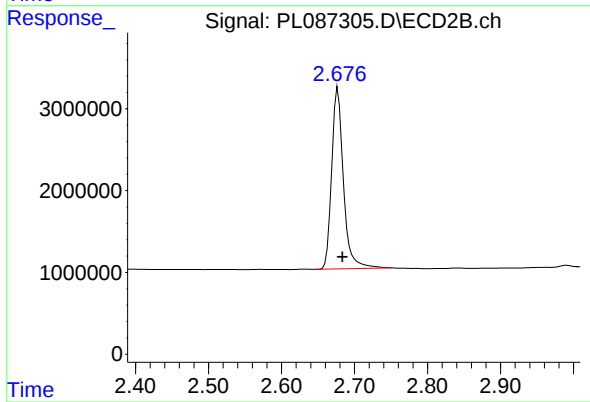
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 59777284
Conc: 15.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

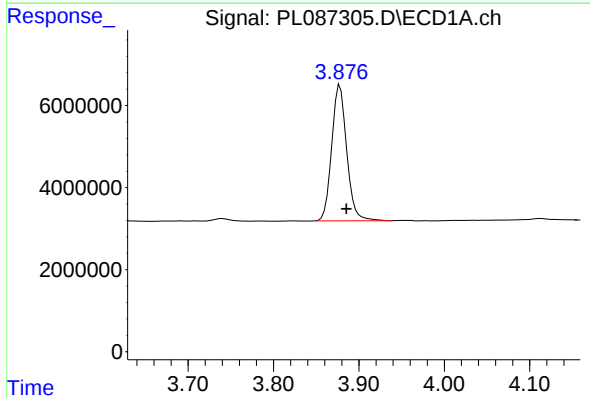
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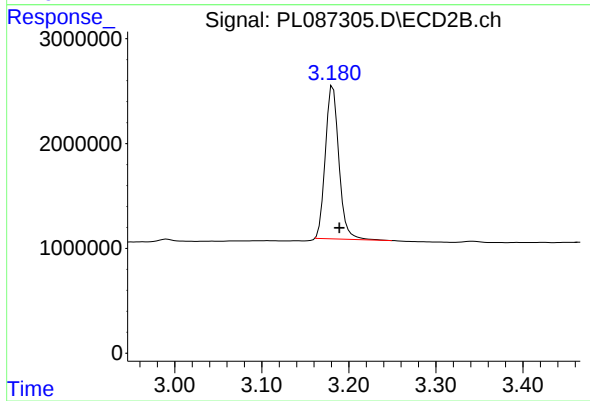
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 24827189
Conc: 14.75 ng/ml



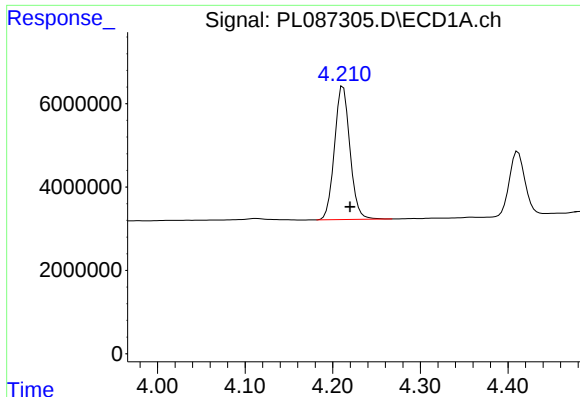
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 40426535
Conc: 7.47 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 15740931
Conc: 6.40 ng/ml



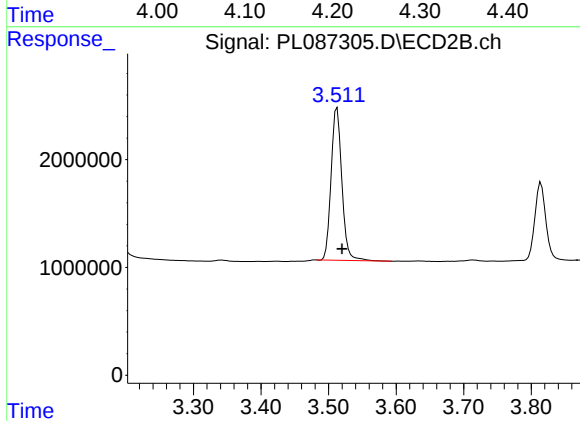
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 39194875
Conc: 7.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

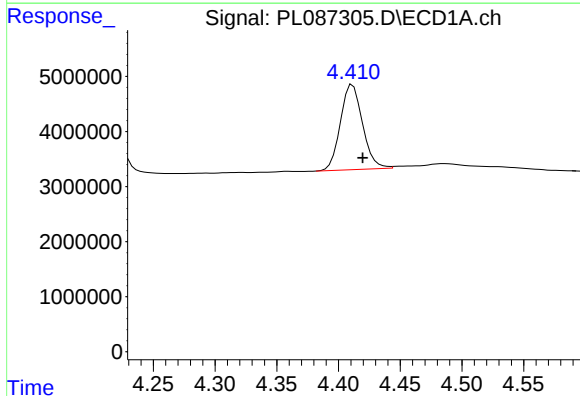
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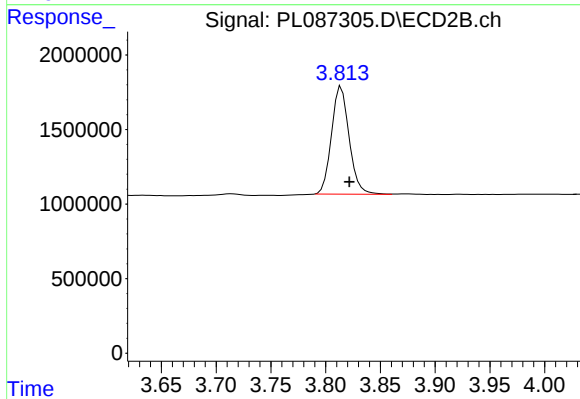
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 15760928
Conc: 6.51 ng/ml



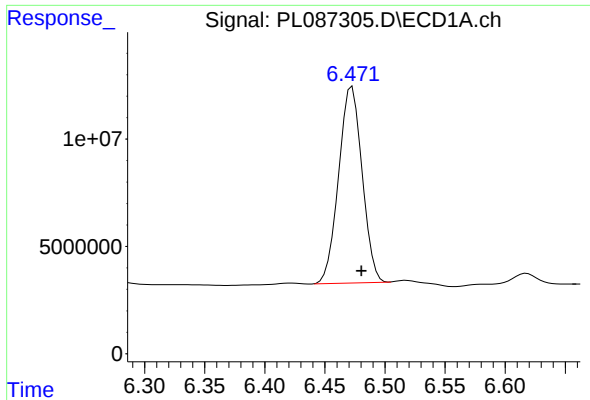
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 19291771
Conc: 8.40 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 8117491
Conc: 7.80 ng/ml



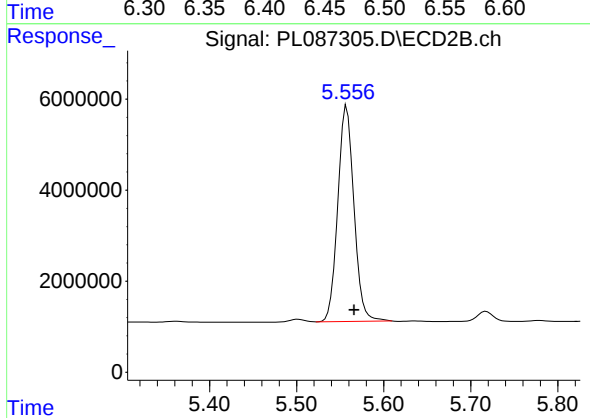
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 124548159
Conc: 32.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

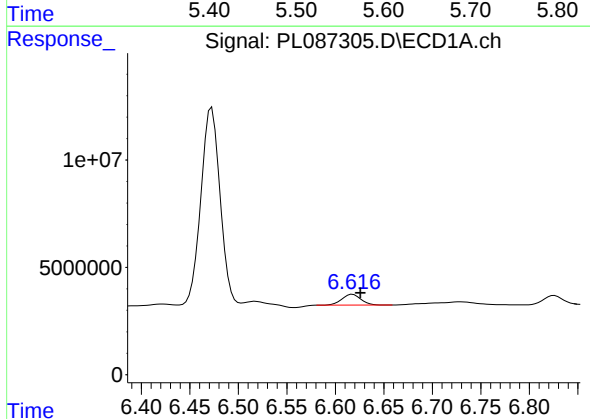
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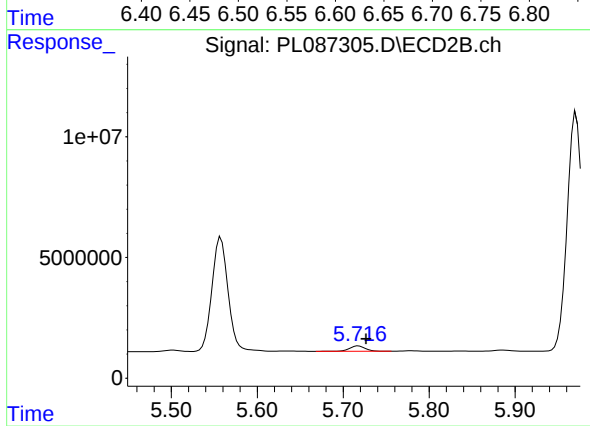
#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 61258334
Conc: 30.70 ng/ml



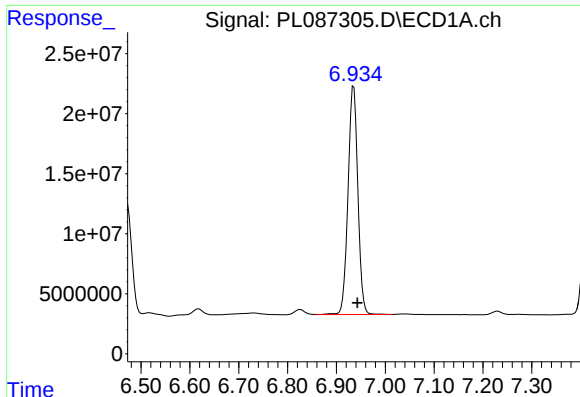
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 6910314
Conc: 2.09 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 2803280
Conc: 1.69 ng/ml



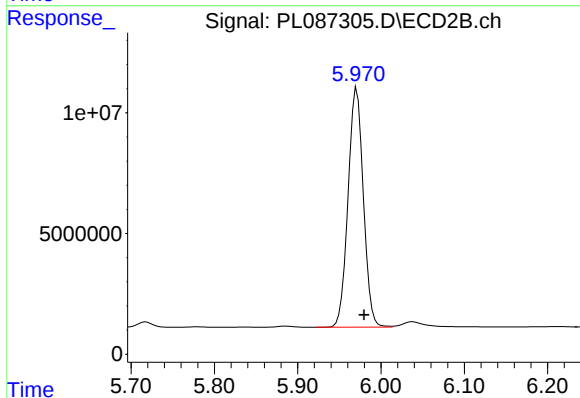
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 265823277
Conc: 70.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

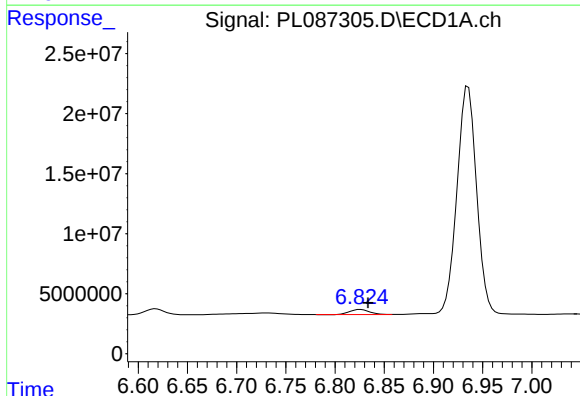
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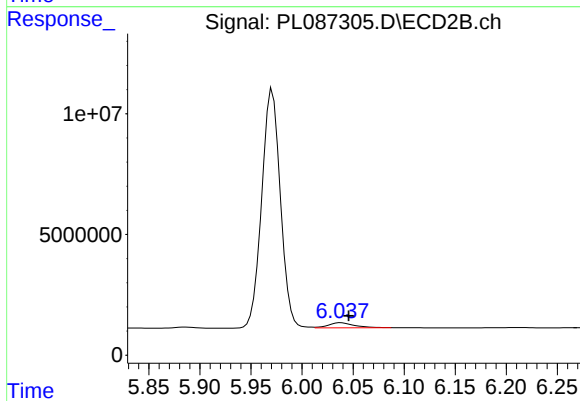
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 126249058
Conc: 68.45 ng/ml



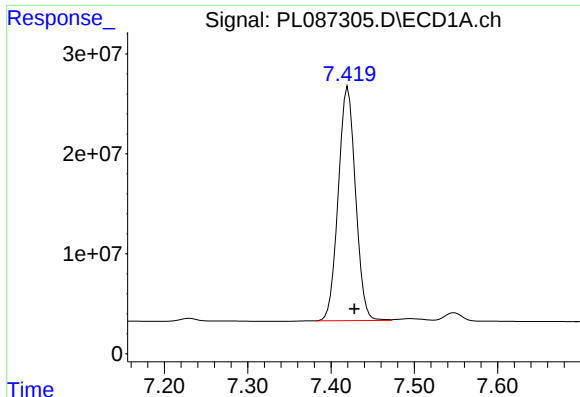
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 6038177
Conc: 2.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.009 min
Response: 3819449
Conc: 2.60 ng/ml m



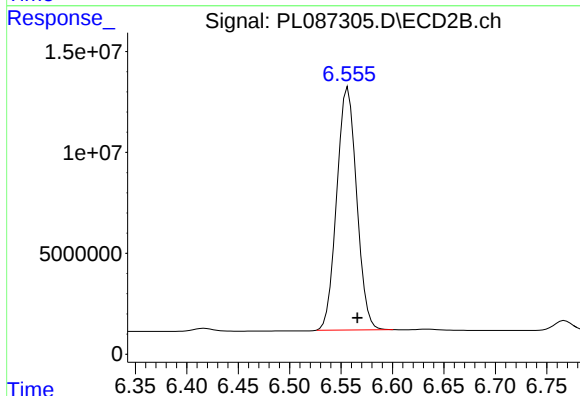
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 336656894
Conc: 172.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

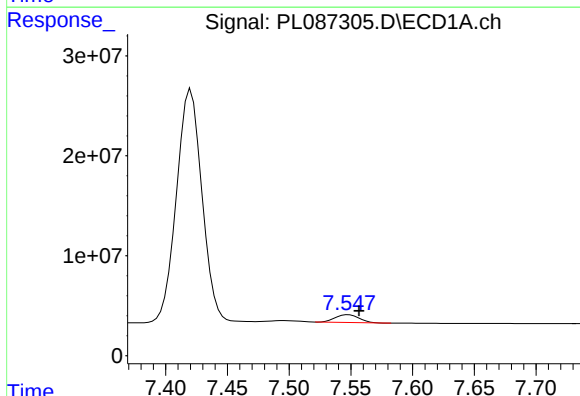
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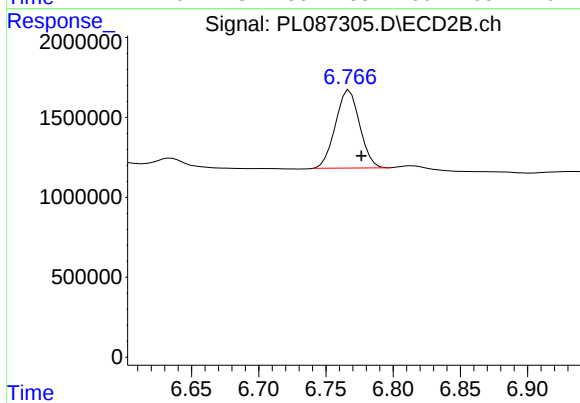
#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 161899105
Conc: 158.51 ng/ml



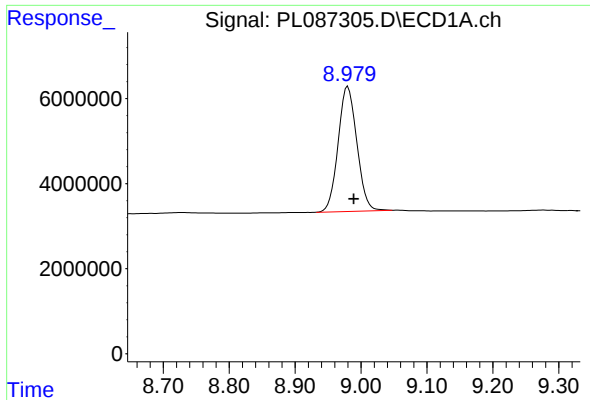
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 10628368
Conc: 2.61 ng/ml



#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 6086946
Conc: 2.86 ng/ml



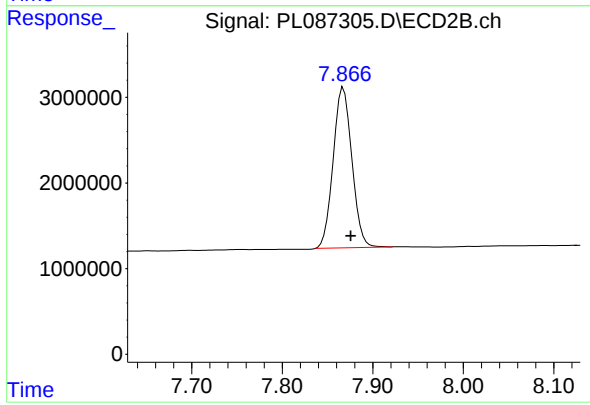
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 58016893
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 26919057
Conc: 15.94 ng/ml