

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 21:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/22/2023
 Supervised By : Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 01:36:08 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	60244644	25113219	16.008	14.919
28)	SA Decachlor...	8.980	7.866	56721036	25311363	16.634	14.986
Target Compounds							
2)	A alpha-BHC	3.877	3.180	40799128	16791718	7.536	6.833m
3)	MA gamma-BHC...	4.211	3.512	39662982	16080541	7.547	6.638
6)	B beta-BHC	4.411	3.814	19788784	8207917	8.616	7.885
14)	MA Endrin	6.471	5.557	127.3E6	64061175	33.089	32.101
16)	A 4,4'-DDD	6.615	5.717	5558710	2230059	1.682m	1.347
17)	MA 4,4'-DDT	6.934	5.971	264.7E6	124.9E6	70.382	67.710
18)	B Endrin al...	6.824	6.036	4270181	2537447	1.473m	1.729m
20)	A Methoxychlor	7.419	6.556	346.1E6	161.9E6	177.511	158.472
21)	B Endrin ke...	7.546	6.766	7993833	4403360	1.965m	2.069

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

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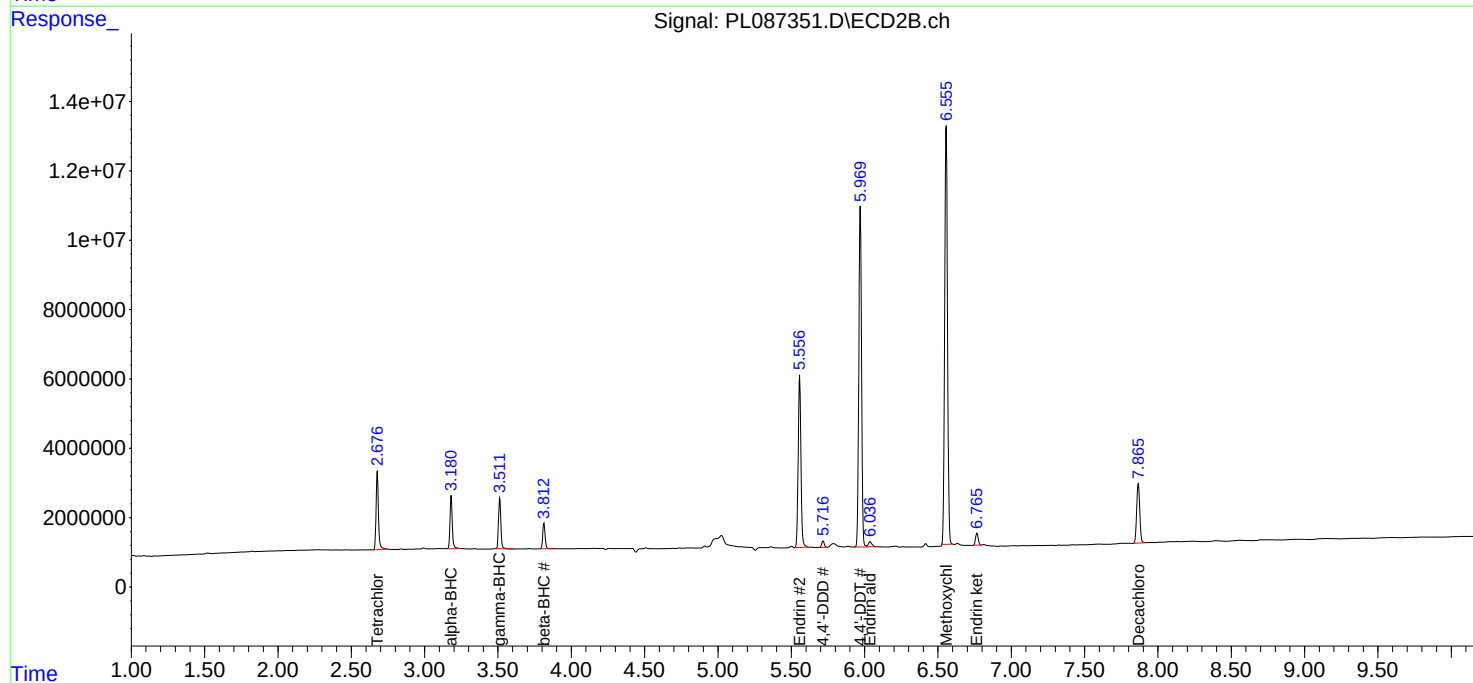
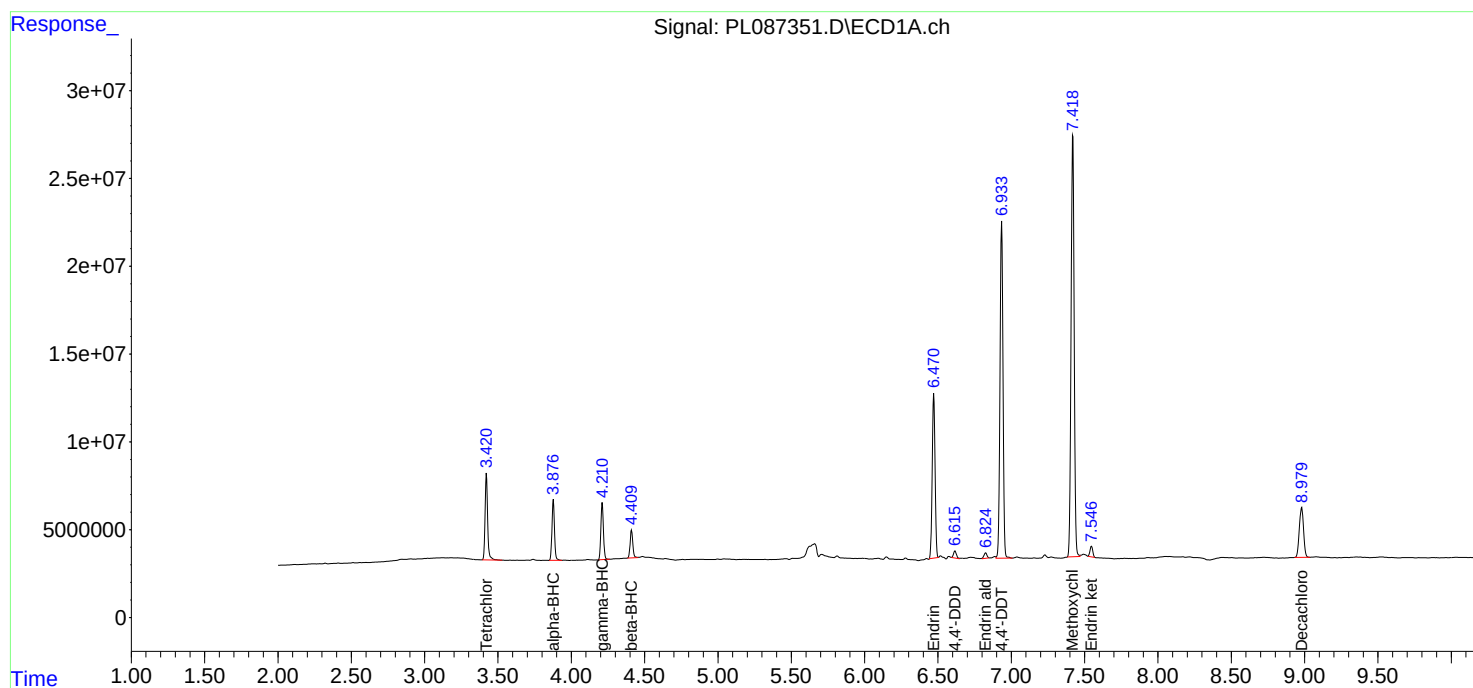
Instrument :
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ClientSampleId :
PEM

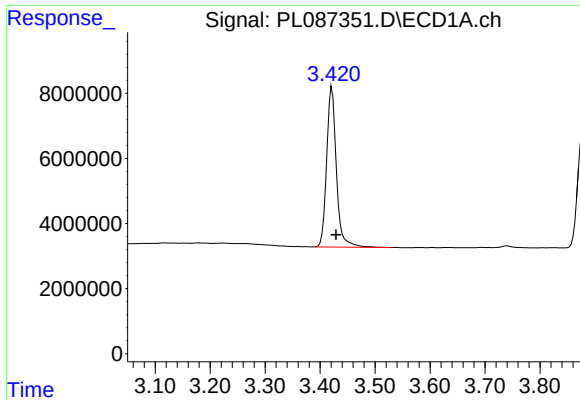
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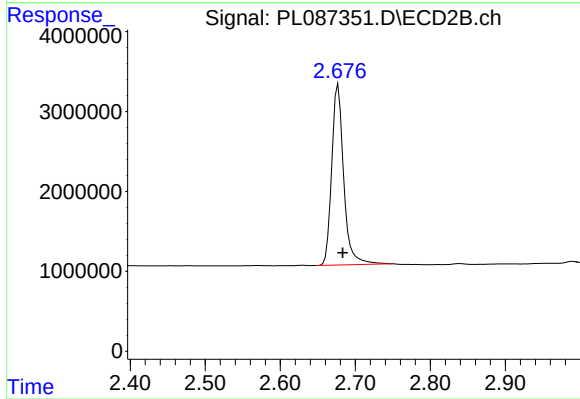
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 60244644
Conc: 16.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

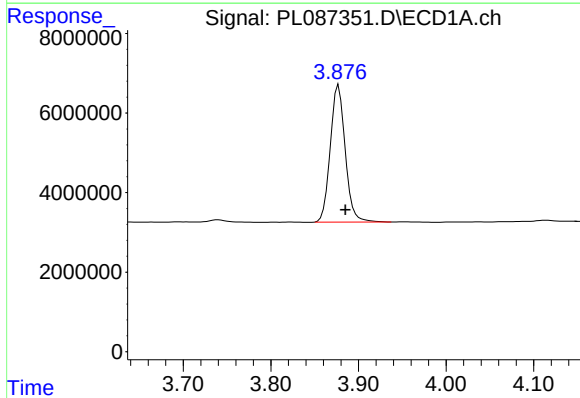
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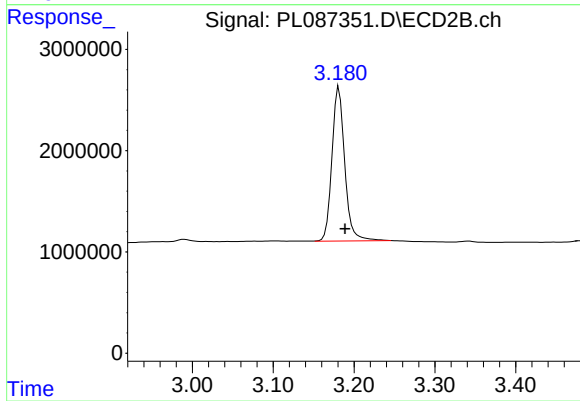
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 25113219
Conc: 14.92 ng/ml



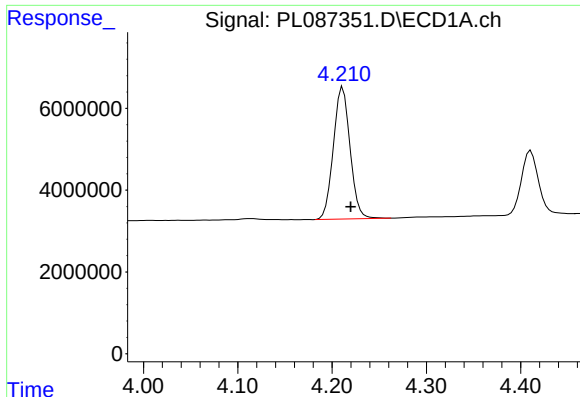
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 40799128
Conc: 7.54 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 16791718
Conc: 6.83 ng/ml m



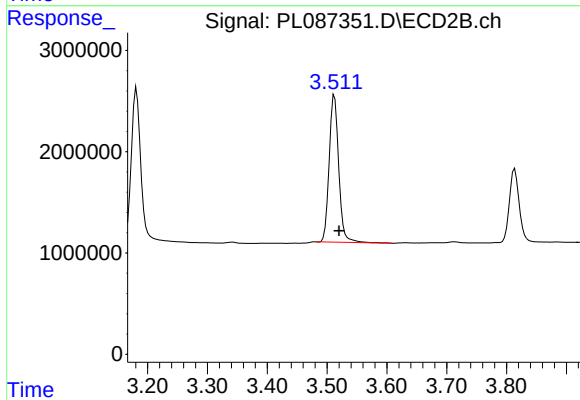
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.008 min
Response: 39662982
Conc: 7.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

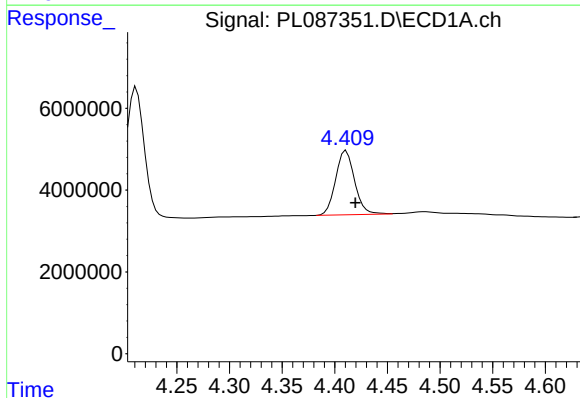
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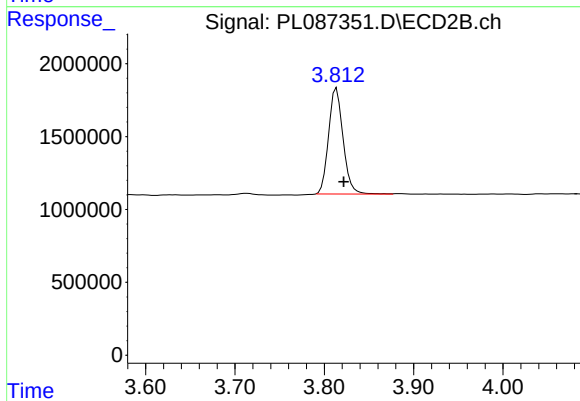
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 16080541
Conc: 6.64 ng/ml



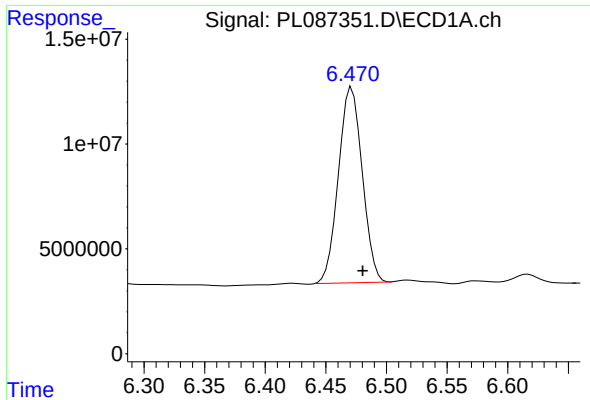
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 19788784
Conc: 8.62 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 8207917
Conc: 7.88 ng/ml



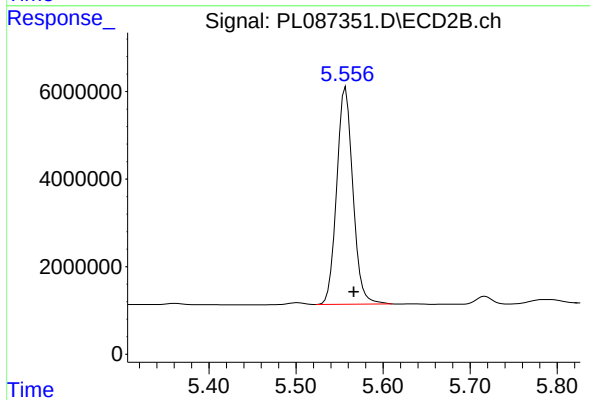
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 127306191
Conc: 33.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

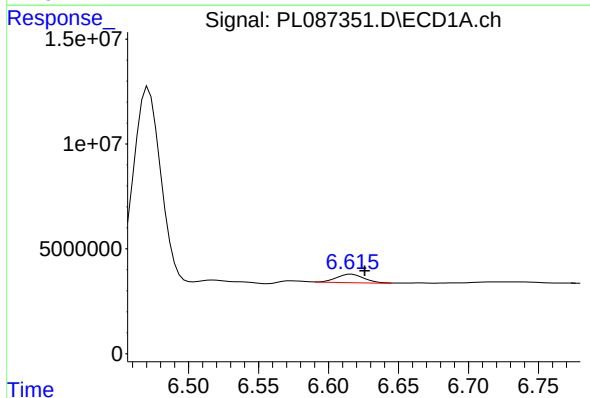
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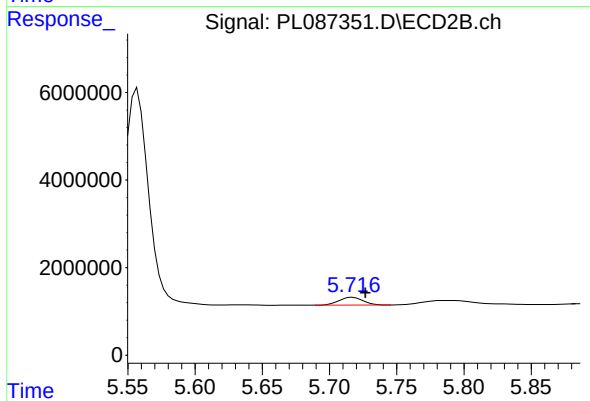
#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 64061175
Conc: 32.10 ng/ml



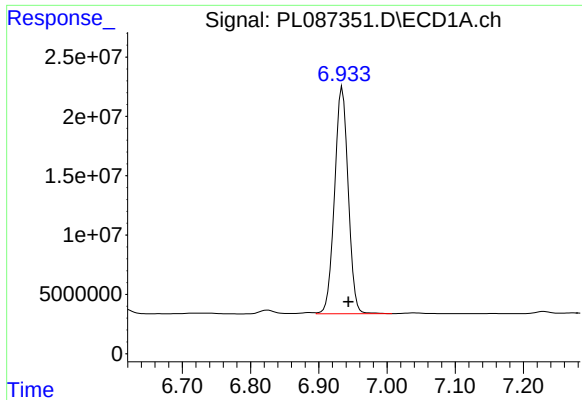
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.011 min
Response: 5558710
Conc: 1.68 ng/ml m



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.009 min
Response: 2230059
Conc: 1.35 ng/ml



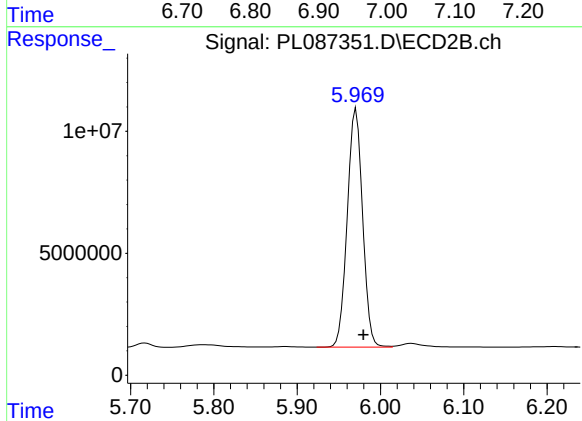
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 264652488
Conc: 70.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

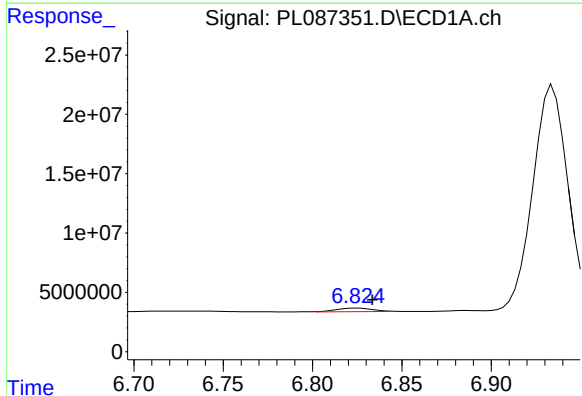
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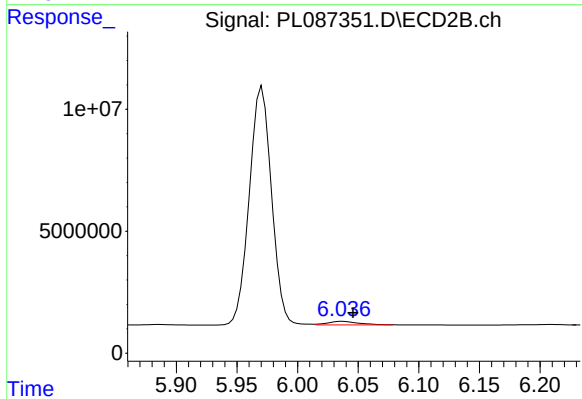
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 124879291
Conc: 67.71 ng/ml



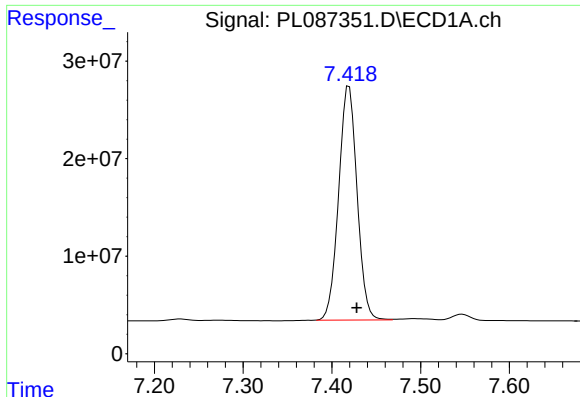
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.010 min
Response: 4270181
Conc: 1.47 ng/ml m



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 2537447
Conc: 1.73 ng/ml m



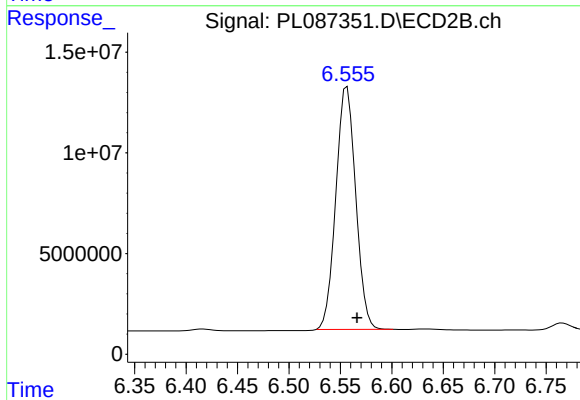
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 346133565
Conc: 177.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

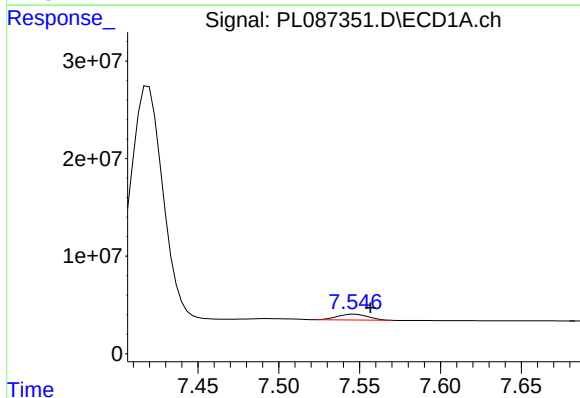
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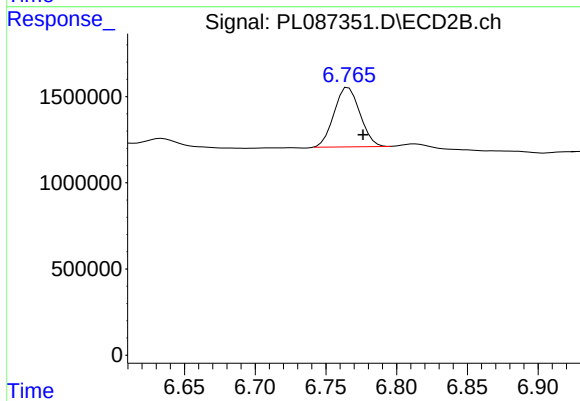
#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 161861747
Conc: 158.47 ng/ml



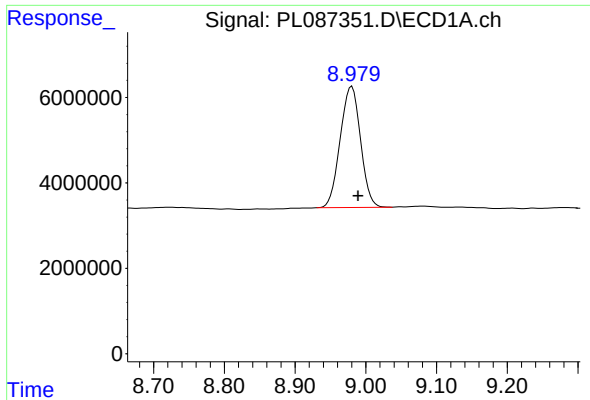
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 7993833
Conc: 1.96 ng/ml m



#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 4403360
Conc: 2.07 ng/ml



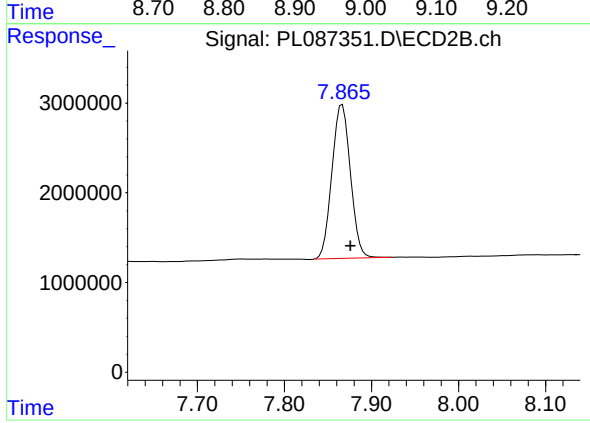
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 56721036
Conc: 16.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.009 min
Response: 25311363
Conc: 14.99 ng/ml