

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 09:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 19:59:27 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...	3.424	2.679	63829554	26545461	16.960	15.770
28)	SA Decachlor...	8.980	7.868	60792207	26772639	17.828	15.852
Target Compounds							
2)	A alpha-BHC	3.879	3.183	43251585	17331775	7.989	7.052
3)	MA gamma-BHC...	4.213	3.514	42310633	17263072	8.050	7.126
6)	B beta-BHC	4.413	3.815	21376752	8888031	9.307	8.538
14)	MA Endrin	6.473	5.558	123.8E6	68629801	32.170	34.390
16)	A 4,4'-DDD	6.618	5.718	7439971	3479553	2.251	2.102
17)	MA 4,4'-DDT	6.936	5.971	294.2E6	142.5E6	78.244	77.259
18)	B Endrin al...	6.826	6.036	5046830	3240467	1.741	2.208m#
20)	A Methoxychlor	7.422	6.558	389.0E6	184.2E6	199.489	180.364
21)	B Endrin ke...	7.549	6.767	10934318	5765015	2.688	2.708

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

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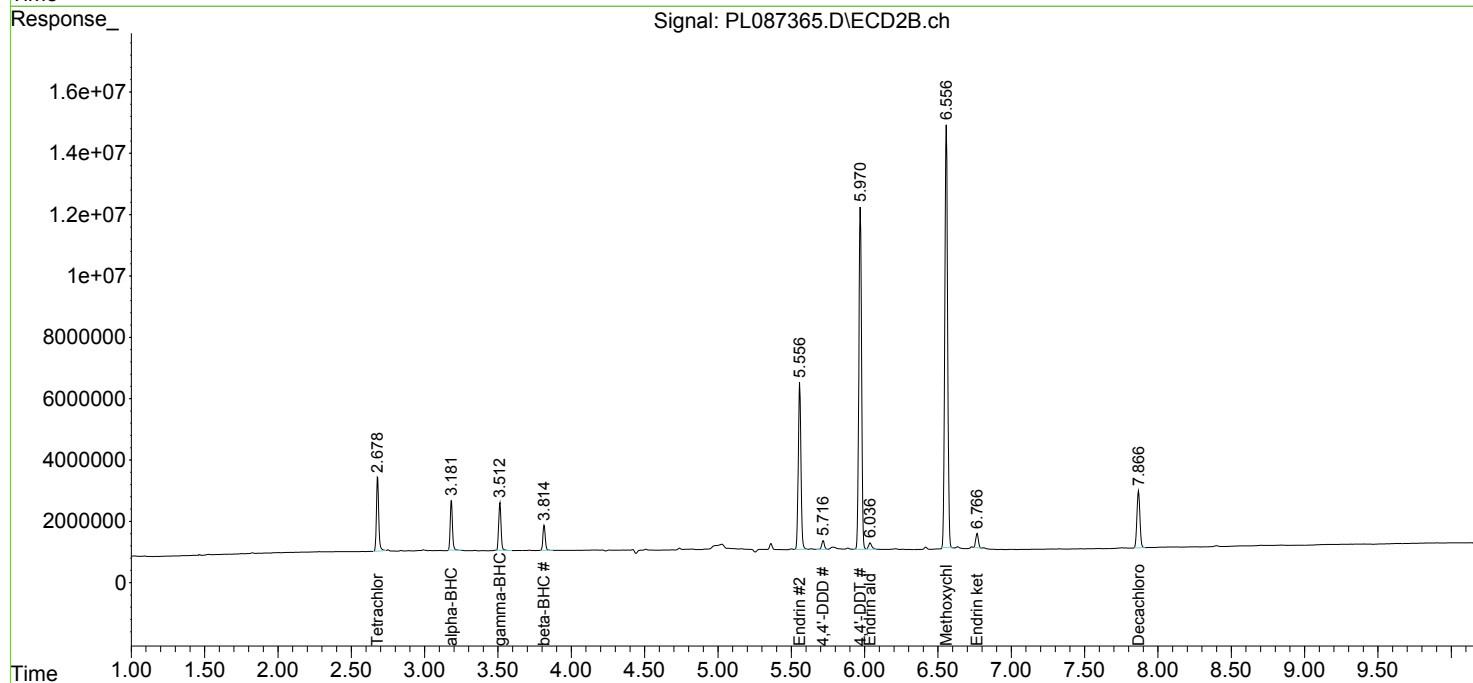
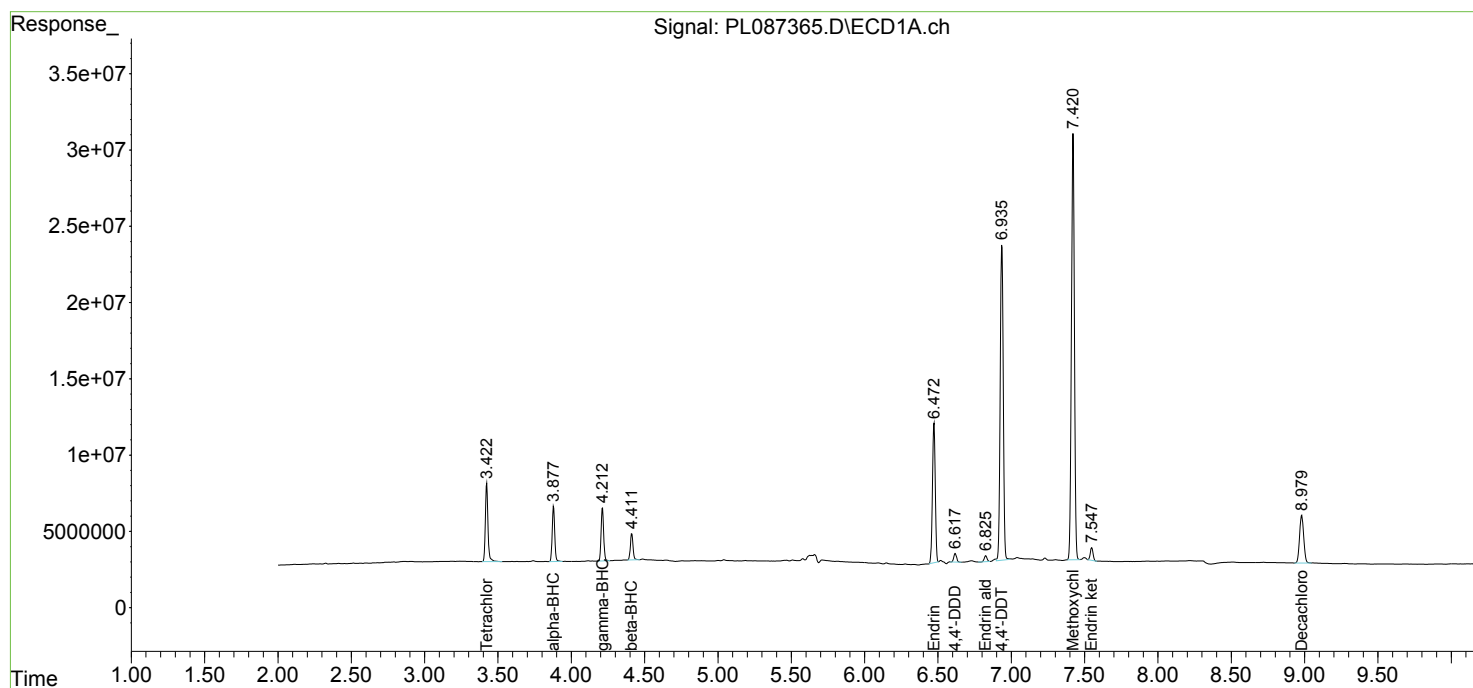
Instrument :
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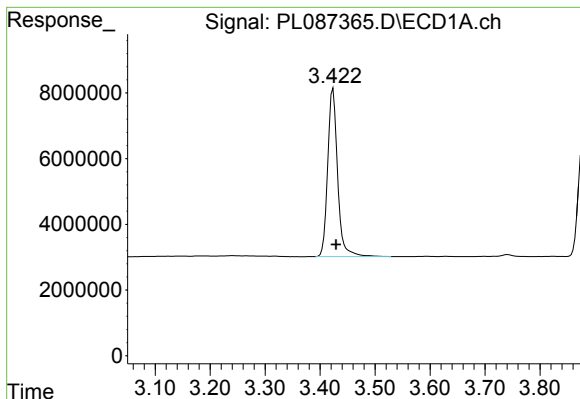
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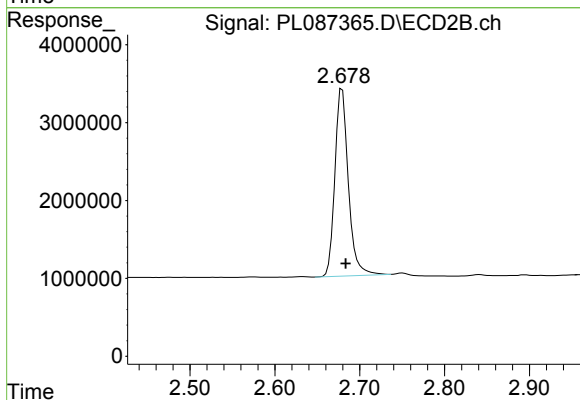
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: -0.005 min
Response: 63829554
Conc: 16.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

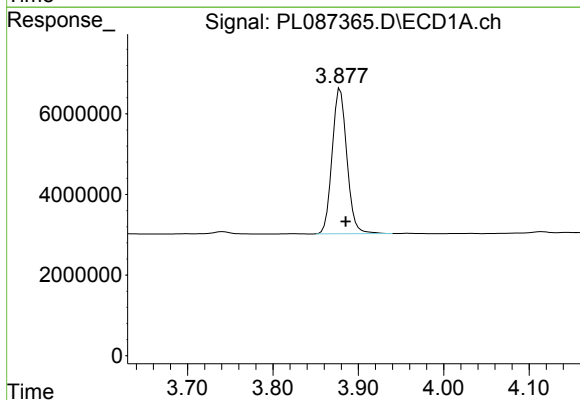
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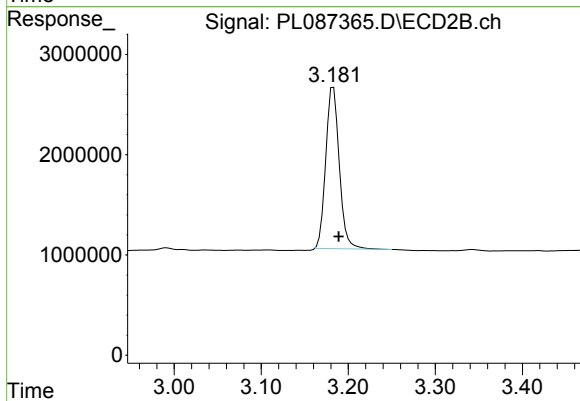
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.004 min
Response: 26545461
Conc: 15.77 ng/ml



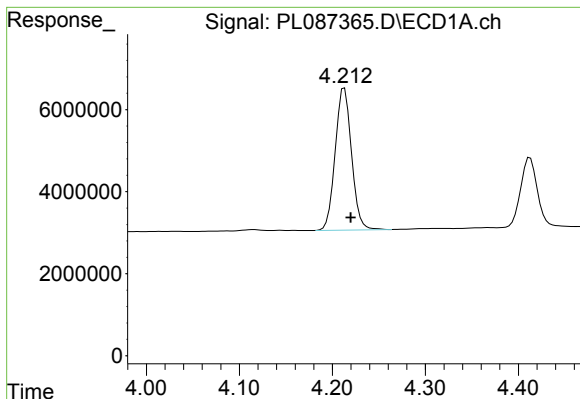
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 43251585
Conc: 7.99 ng/ml



#2 alpha-BHC

R.T.: 3.183 min
Delta R.T.: -0.006 min
Response: 17331775
Conc: 7.05 ng/ml



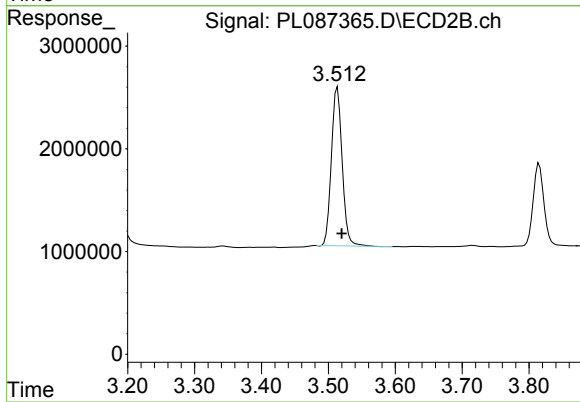
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 42310633
Conc: 8.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

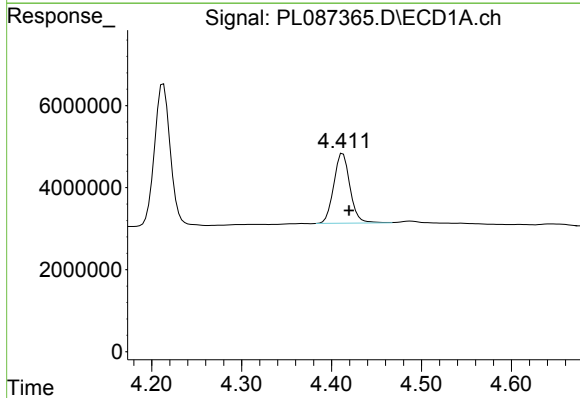
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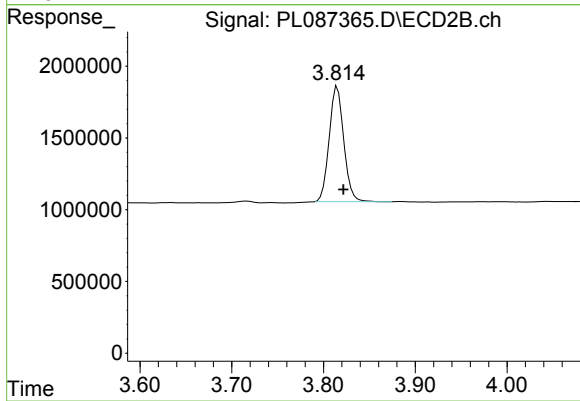
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 17263072
Conc: 7.13 ng/ml



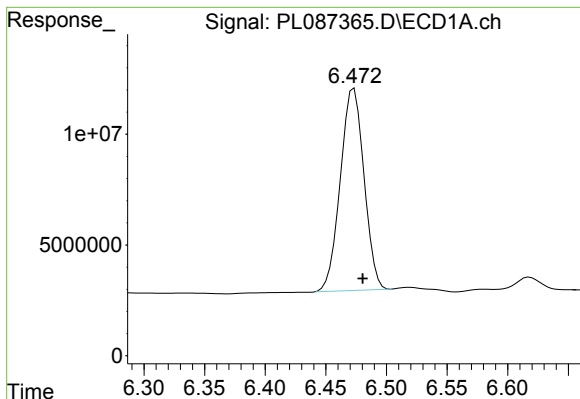
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: -0.007 min
Response: 21376752
Conc: 9.31 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 8888031
Conc: 8.54 ng/ml



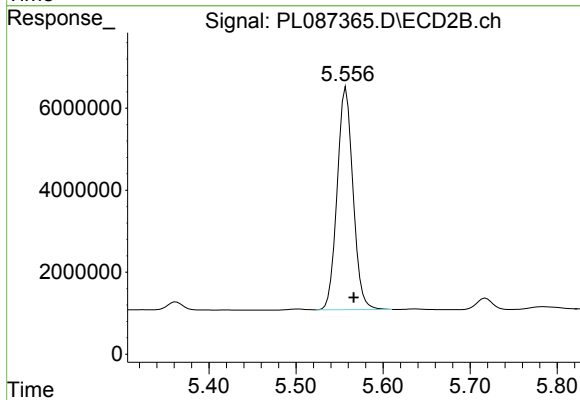
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 123769614
Conc: 32.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

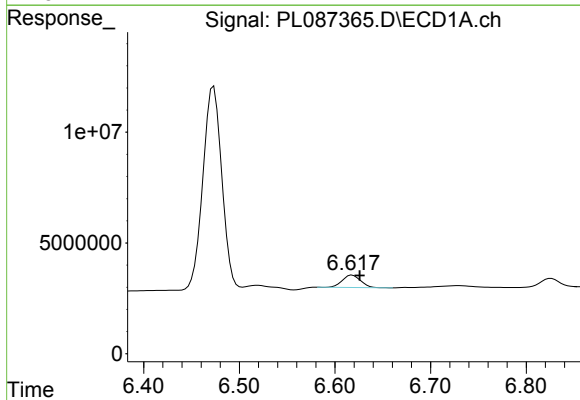
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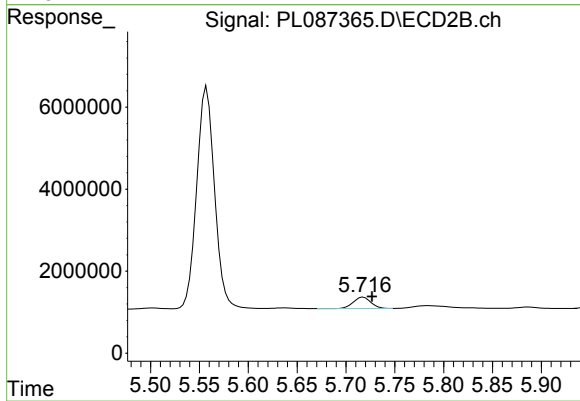
#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 68629801
Conc: 34.39 ng/ml



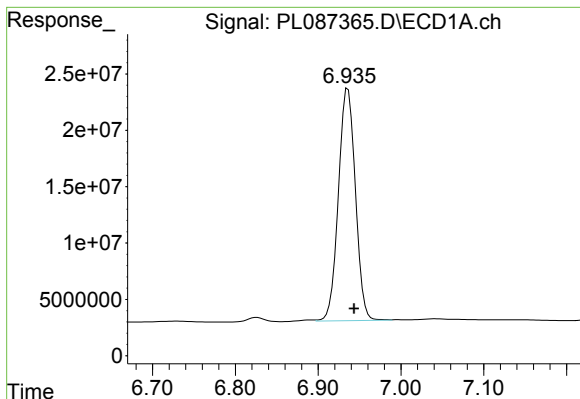
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 7439971
Conc: 2.25 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 3479553
Conc: 2.10 ng/ml



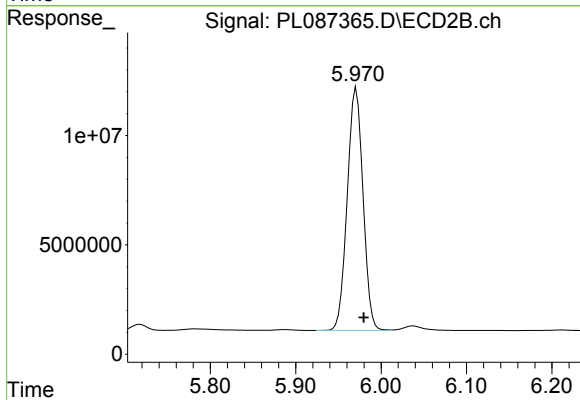
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.007 min
Response: 294215934
Conc: 78.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

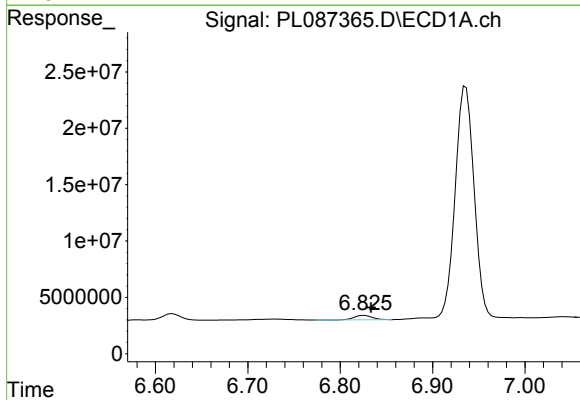
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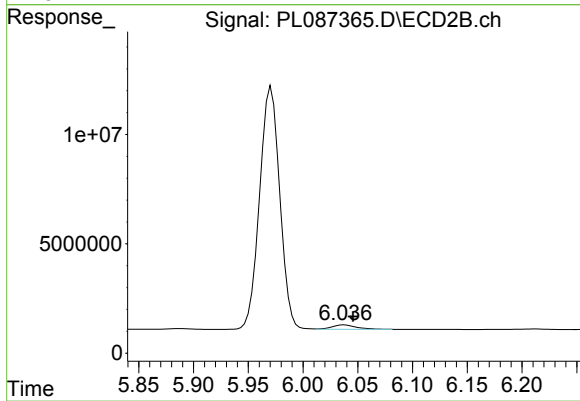
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 142490338
Conc: 77.26 ng/ml



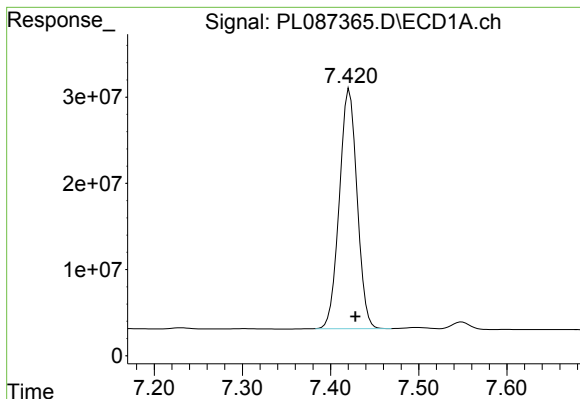
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.007 min
Response: 5046830
Conc: 1.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 3240467
Conc: 2.21 ng/ml m



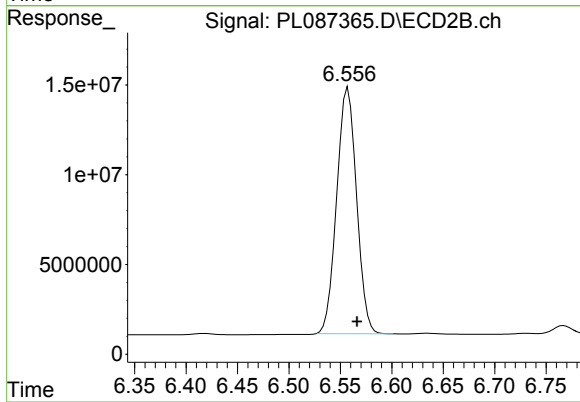
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: -0.007 min
Response: 388988931
Conc: 199.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

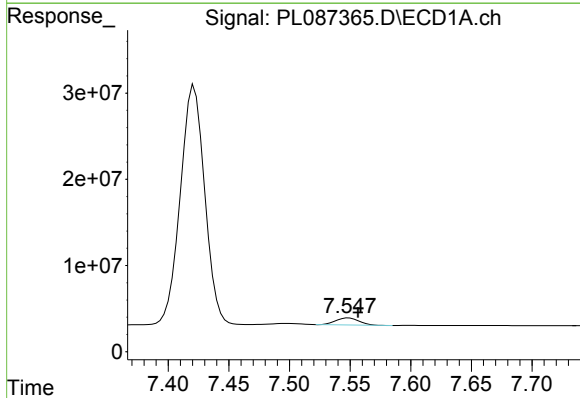
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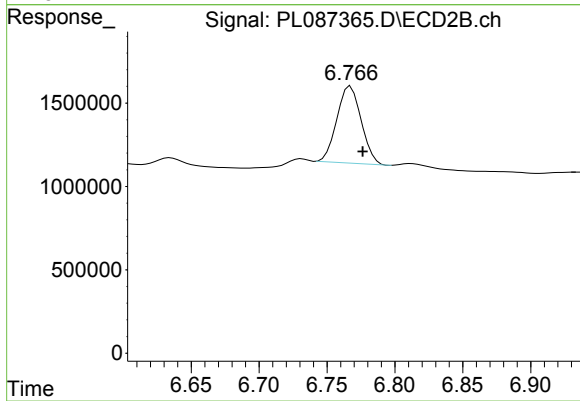
#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 184222094
Conc: 180.36 ng/ml



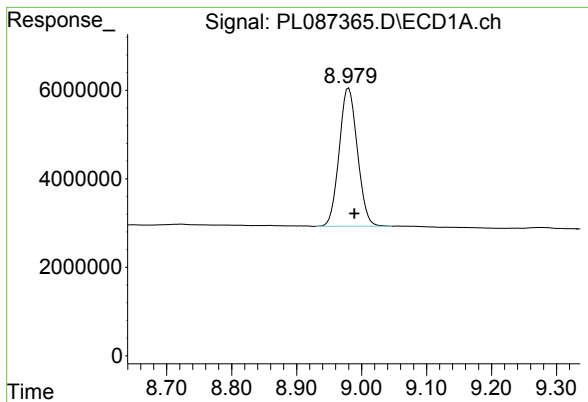
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: -0.008 min
Response: 10934318
Conc: 2.69 ng/ml



#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 5765015
Conc: 2.71 ng/ml



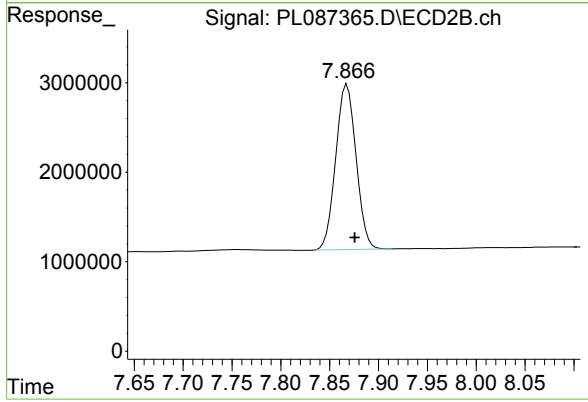
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 60792207
Conc: 17.83 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: 26772639
Conc: 15.85 ng/ml