

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 10:55:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.635	2.854	58834596	27937217	21.420	19.919
28)	SA Decachlor...	9.298	8.082	49495986	28508762	25.700	22.390
Target Compounds							
2)	A alpha-BHC	4.099	3.369	40042056	18627452	9.593	9.065
3)	MA gamma-BHC...	4.438	3.705	38821286	17878843	9.587	8.928
6)	B beta-BHC	4.635	4.007	19924157	9302996	11.440	10.452
12)	B 4,4'-DDE	6.328	5.363	619209	325450	0.204m	0.205
14)	MA Endrin	6.718	5.774	124.5E6	68413925	47.885	45.758
16)	A 4,4'-DDD	6.852	5.924	9039996	3913958	3.485	2.865
17)	MA 4,4'-DDT	7.171	6.179	263.7E6	145.7E6	100.279	106.691
18)	B Endrin al...	7.070	6.254	5649385	3653074	2.732	3.345
20)	A Methoxychlor	7.649	6.762	347.8E6	187.3E6	262.772m	238.929
21)	B Endrin ke...	7.797	6.991	11395001	7267776	4.068	4.341

(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

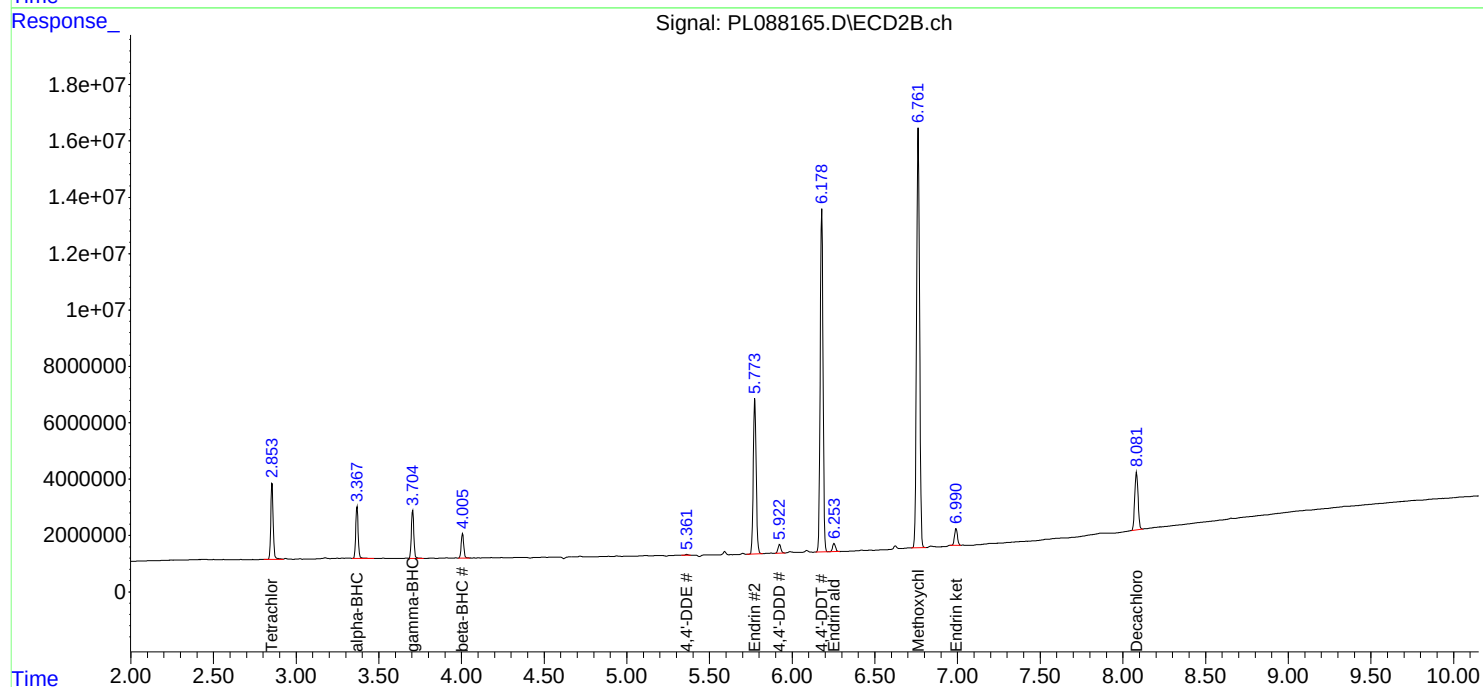
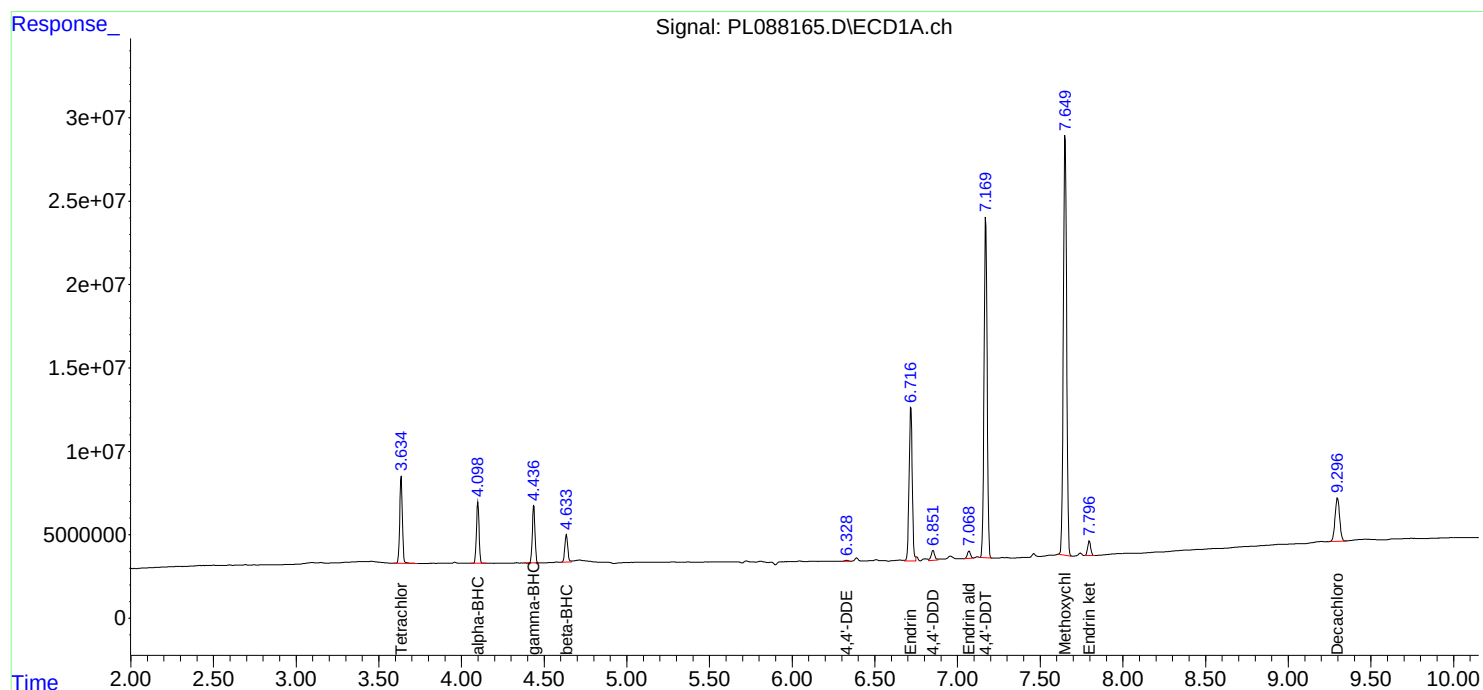
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ECD_L
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PEM

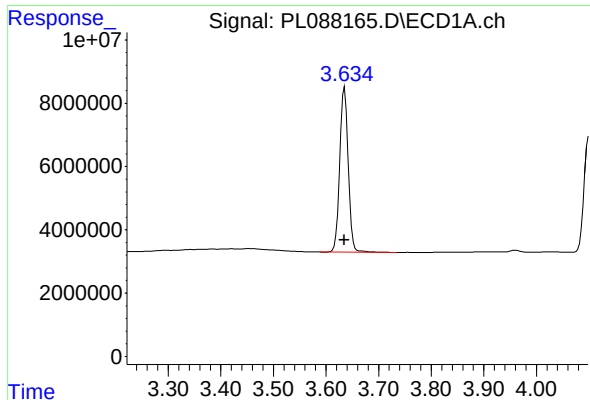
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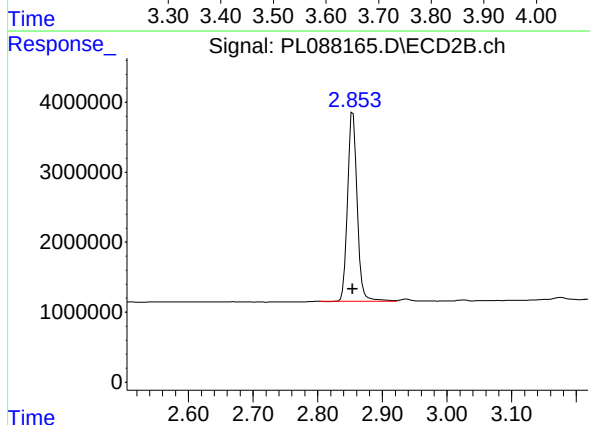
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 58834596
Conc: 21.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

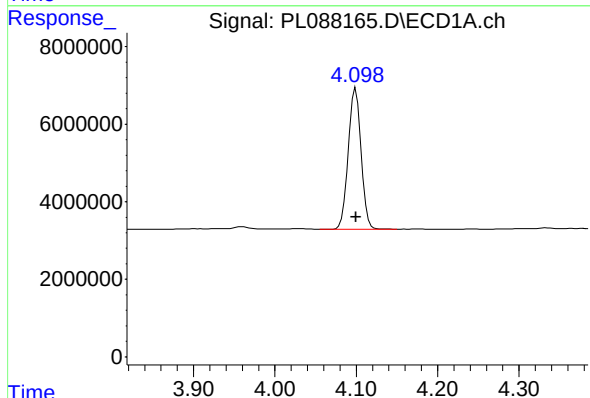
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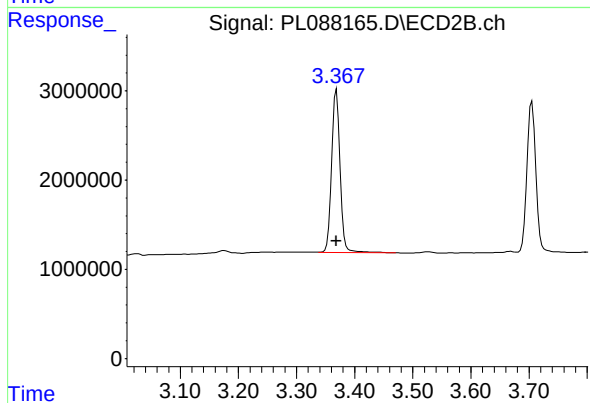
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27937217
Conc: 19.92 ng/ml



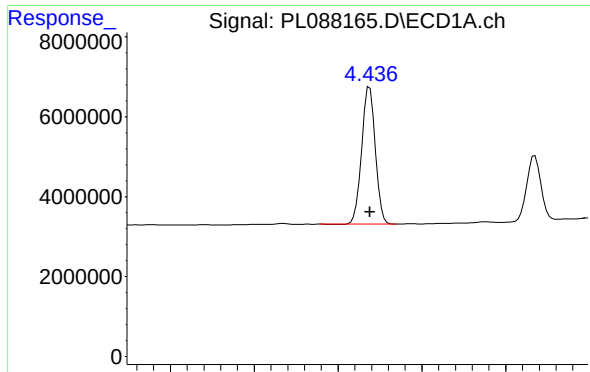
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 40042056
Conc: 9.59 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 18627452
Conc: 9.07 ng/ml



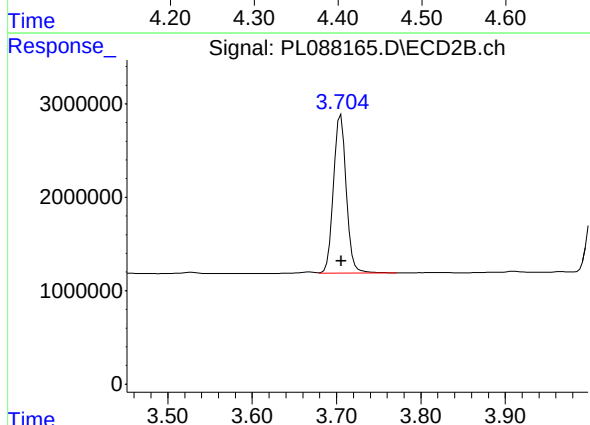
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 38821286
Conc: 9.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

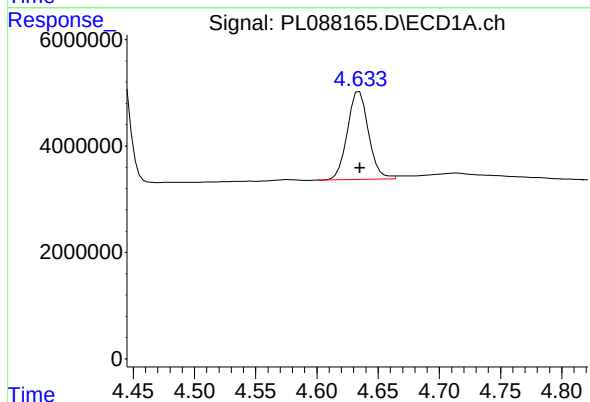
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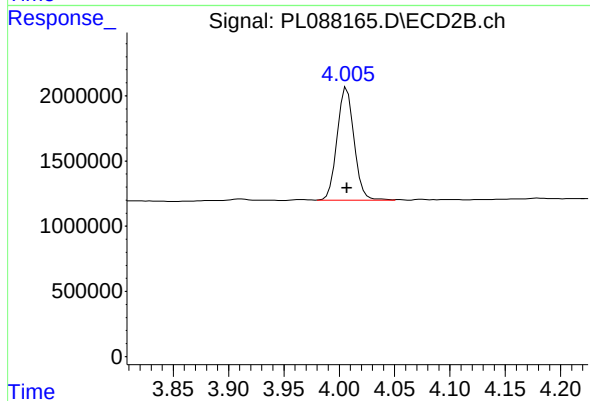
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 17878843
Conc: 8.93 ng/ml



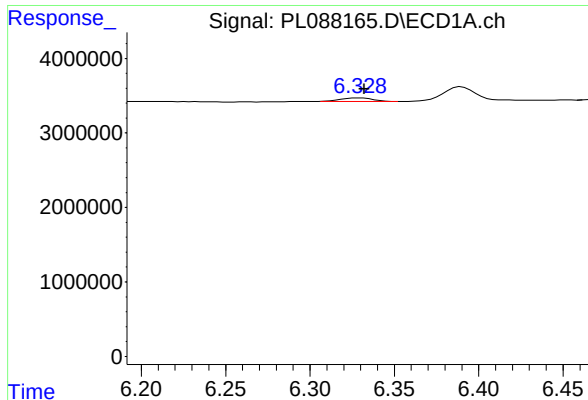
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19924157
Conc: 11.44 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9302996
Conc: 10.45 ng/ml



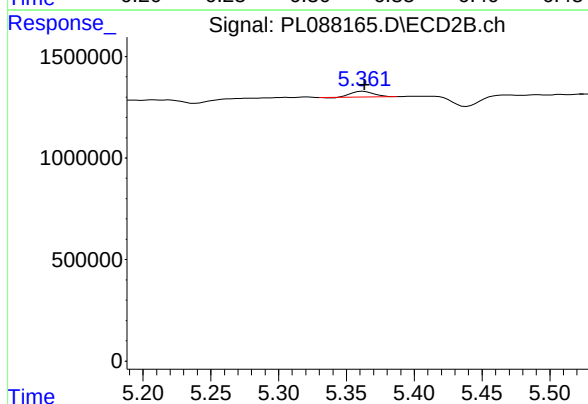
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 619209
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

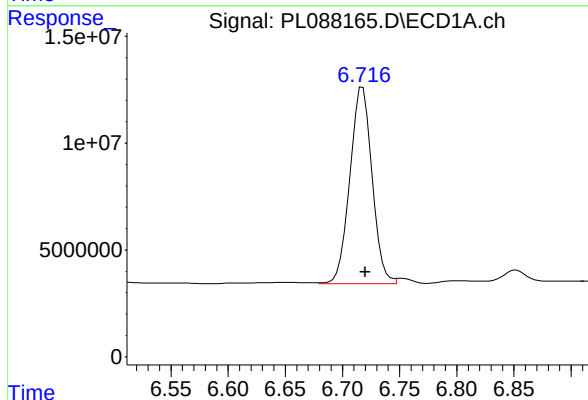
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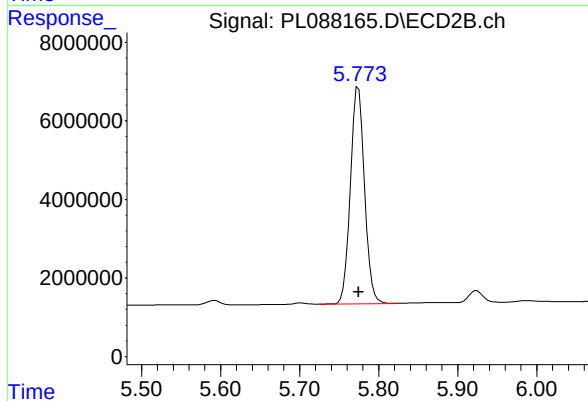
#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 325450
Conc: 0.20 ng/ml



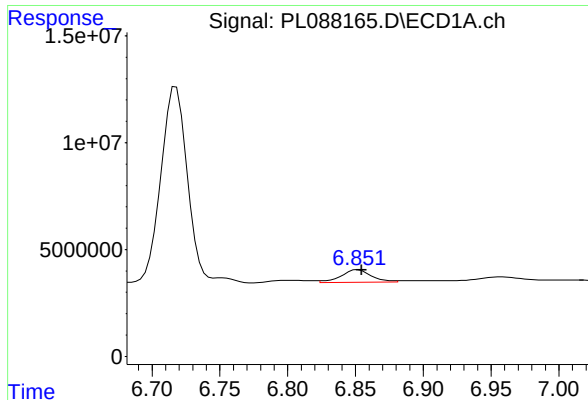
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 124531442
Conc: 47.89 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 68413925
Conc: 45.76 ng/ml



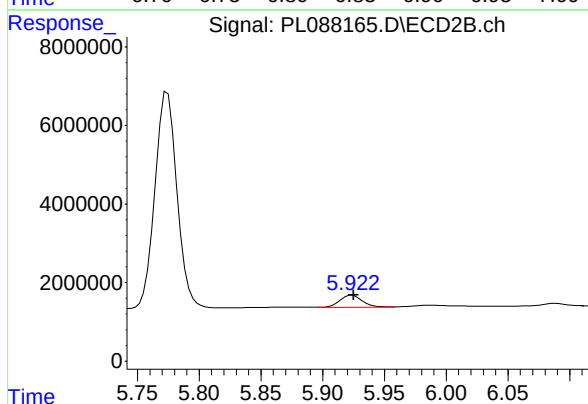
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 9039996
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

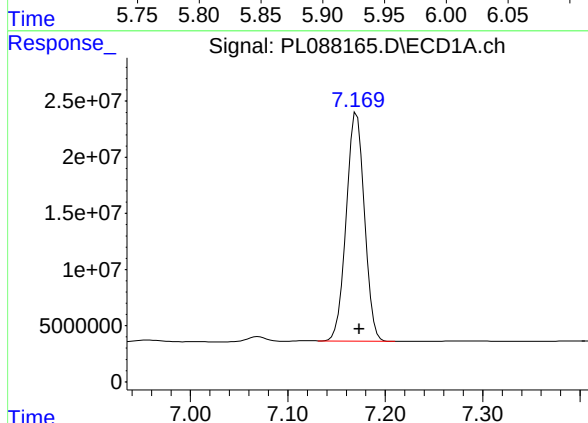
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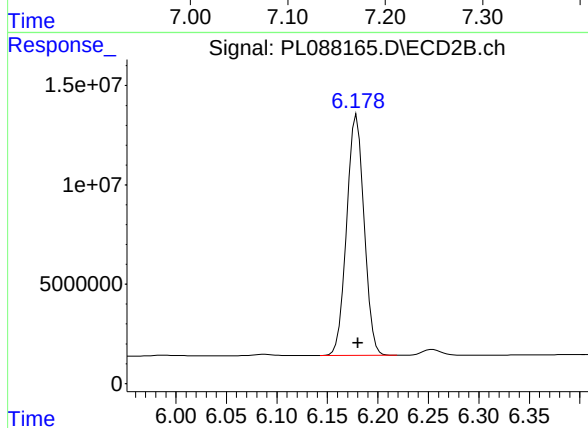
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 3913958
Conc: 2.86 ng/ml



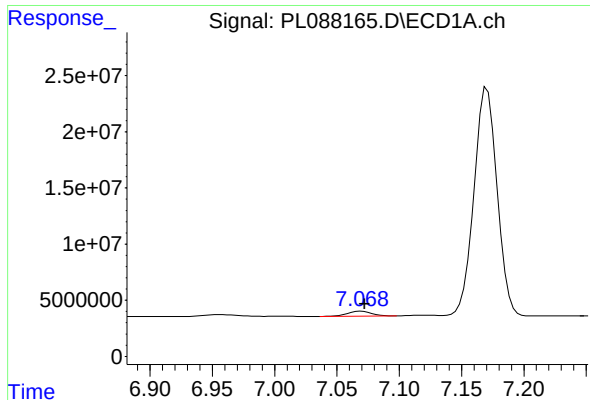
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 263652971
Conc: 100.28 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 145658271
Conc: 106.69 ng/ml



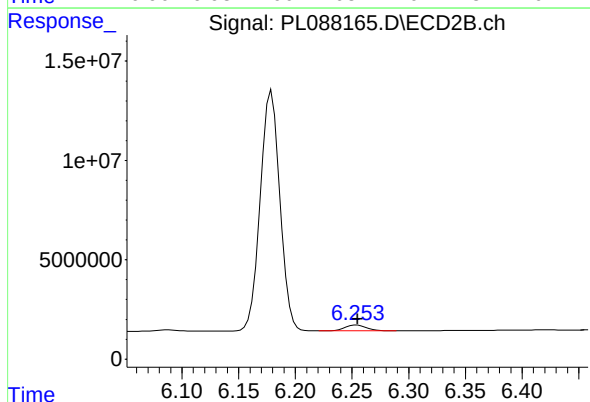
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 5649385
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

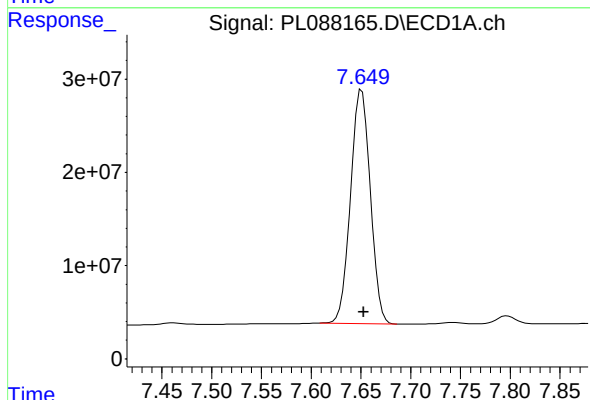
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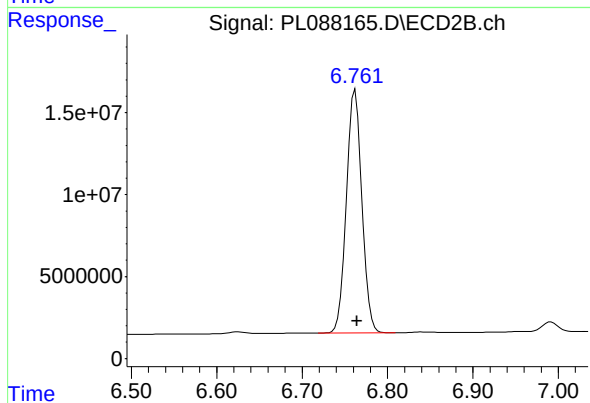
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 3653074
Conc: 3.34 ng/ml



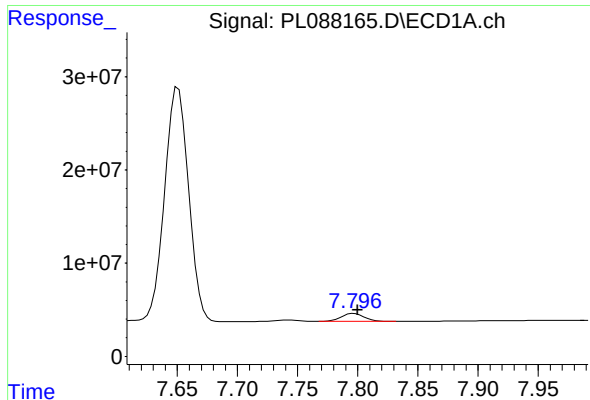
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 347834133
Conc: 262.77 ng/ml m



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 187262307
Conc: 238.93 ng/ml



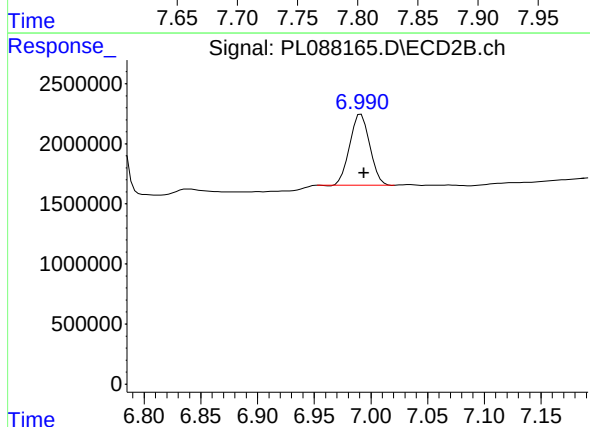
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 11395001
Conc: 4.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

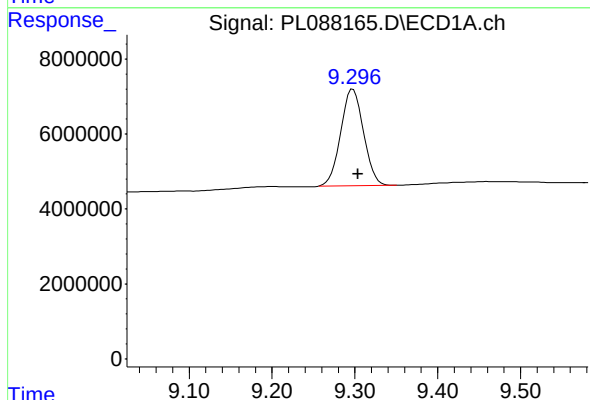
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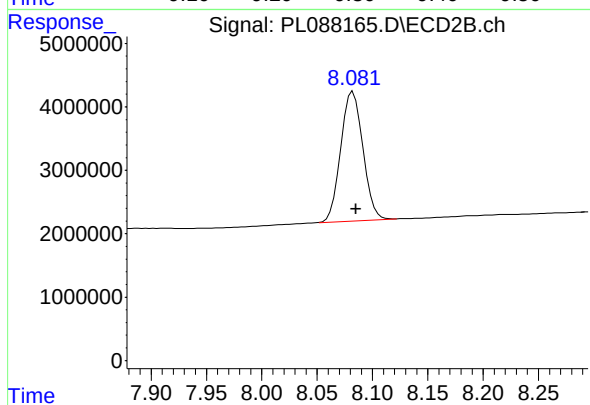
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 7267776
Conc: 4.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.006 min
Response: 49495986
Conc: 25.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 28508762
Conc: 22.39 ng/ml