

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 17:30
 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 11:22:03 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	62029884	30623972	22.583	21.835
28)	SA Decachlor...	9.299	8.082	50188677	29832767	26.059	23.430
Target Compounds							
2)	A alpha-BHC	4.099	3.368	42615420	20809571	10.209	10.127
3)	MA gamma-BHC...	4.437	3.705	41237801	19811657	10.183	9.893
6)	B beta-BHC	4.634	4.007	21044589	10427989	12.083	11.716
12)	B 4,4'-DDE	6.329	5.363	583713	353364	0.192	0.222
14)	MA Endrin	6.716	5.774	127.7E6	75526288	49.087m	50.515
16)	A 4,4'-DDD	6.850	5.923	7268026	4408081	2.802m	3.226
17)	MA 4,4'-DDT	7.170	6.179	273.8E6	155.0E6	104.157	113.539
18)	B Endrin al...	7.069	6.254	5226519	3500382	2.528	3.205 #
20)	A Methoxychlor	7.649	6.762	358.4E6	201.2E6	270.788m	256.763
21)	B Endrin ke...	7.797	6.991	10712872	7264173	3.824	4.339

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

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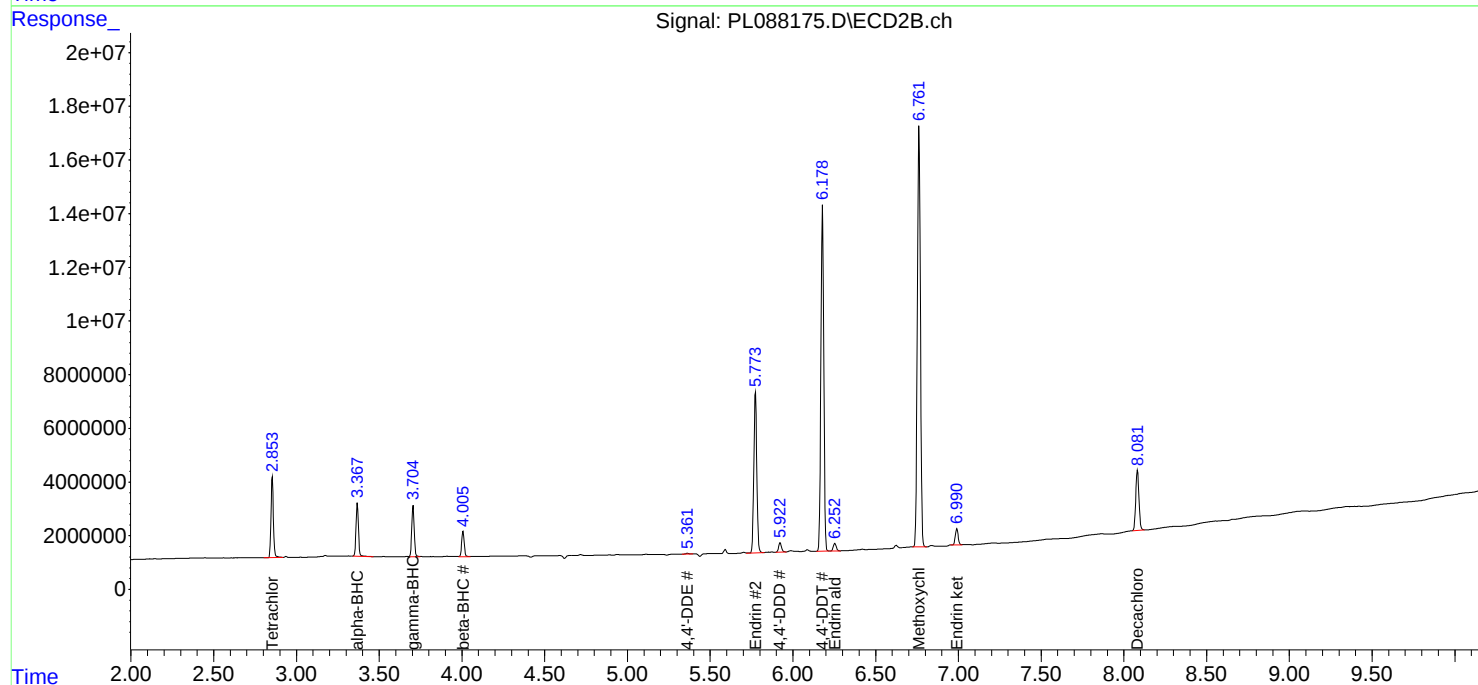
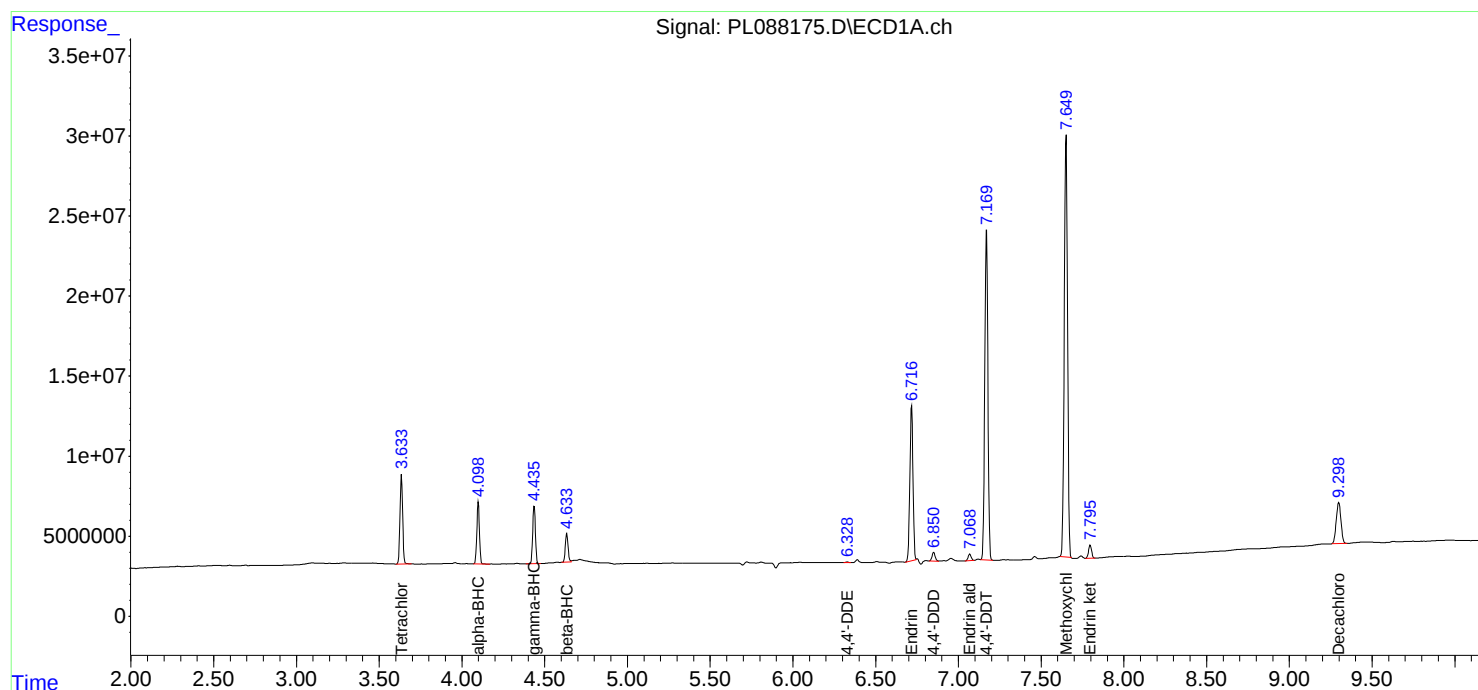
Instrument :
ECD_L
ClientSampleId :
PEM

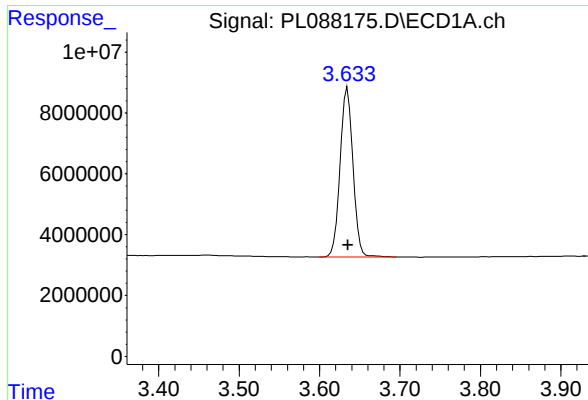
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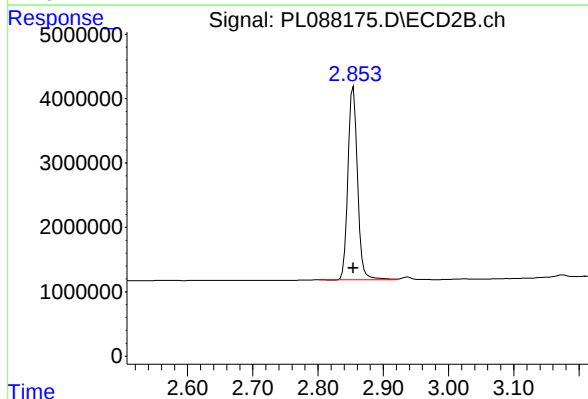
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 62029884
Conc: 22.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

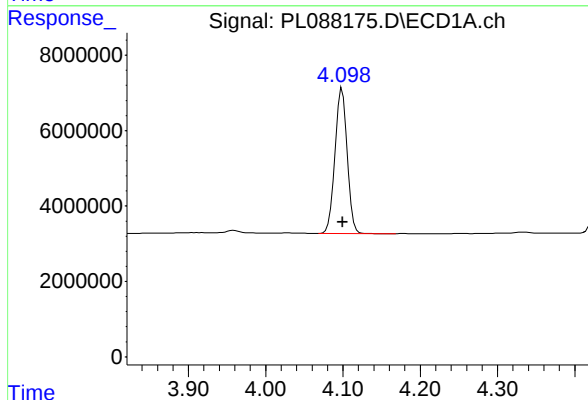
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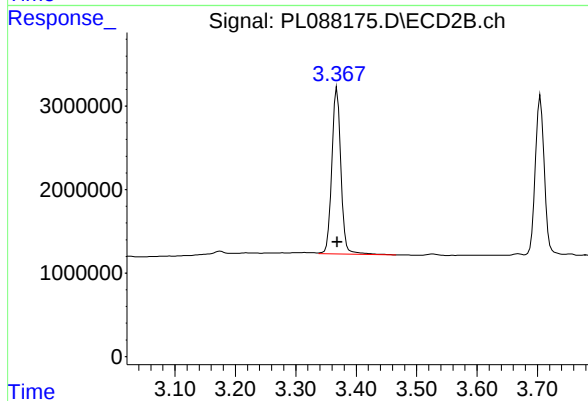
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 30623972
Conc: 21.83 ng/ml



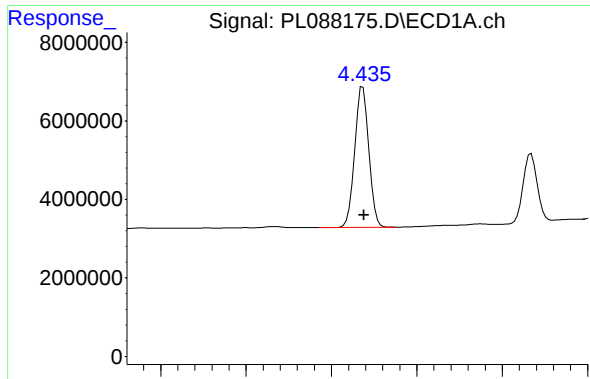
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 42615420
Conc: 10.21 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 20809571
Conc: 10.13 ng/ml



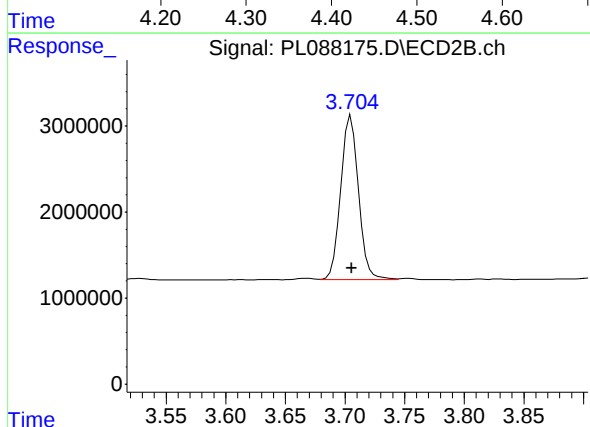
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 41237801
Conc: 10.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

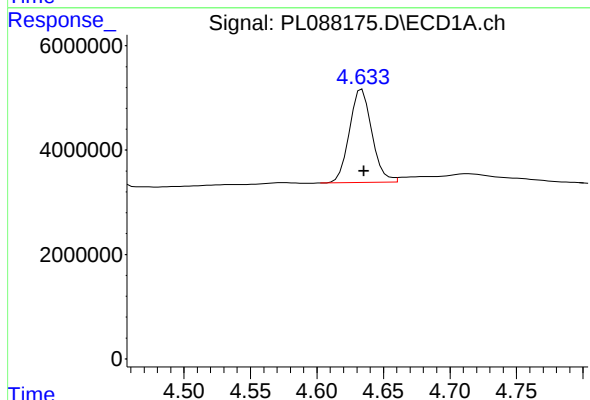
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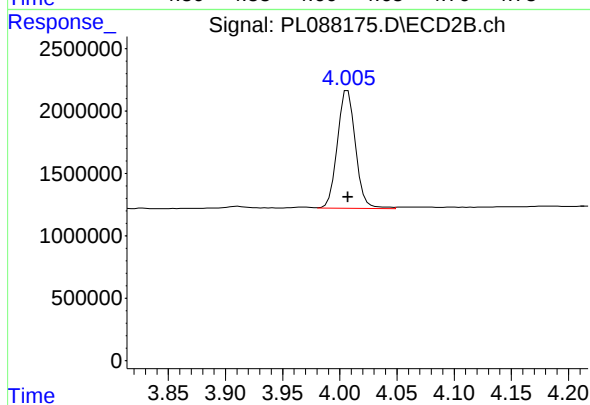
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 19811657
Conc: 9.89 ng/ml



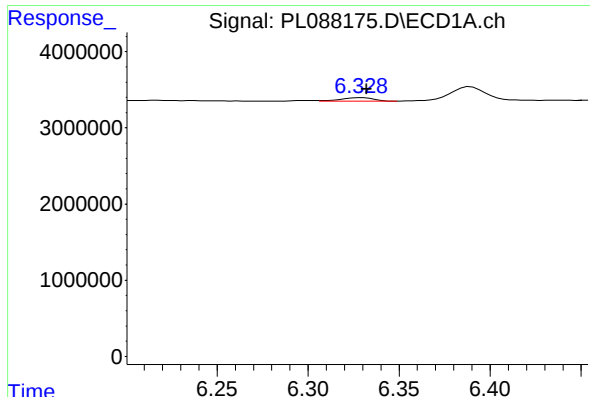
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 21044589
Conc: 12.08 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 10427989
Conc: 11.72 ng/ml



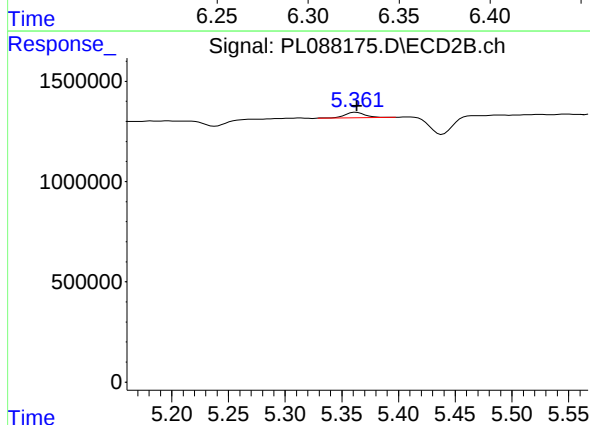
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 583713
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

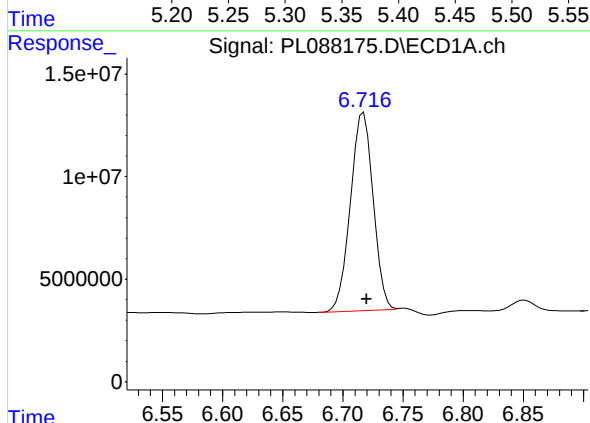
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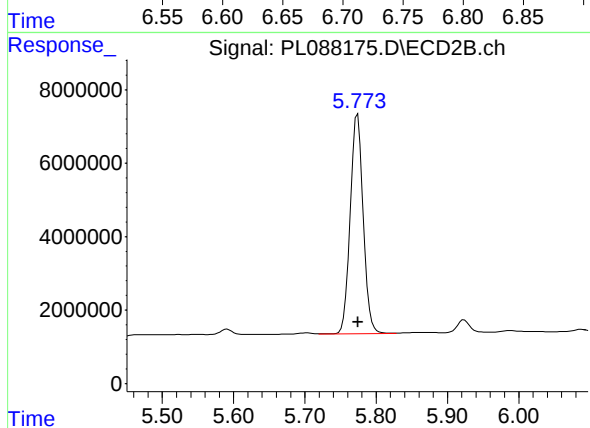
#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 353364
Conc: 0.22 ng/ml



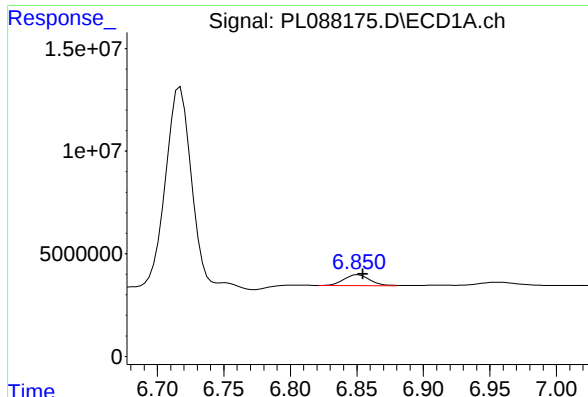
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 127656904
Conc: 49.09 ng/ml m



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 75526288
Conc: 50.51 ng/ml



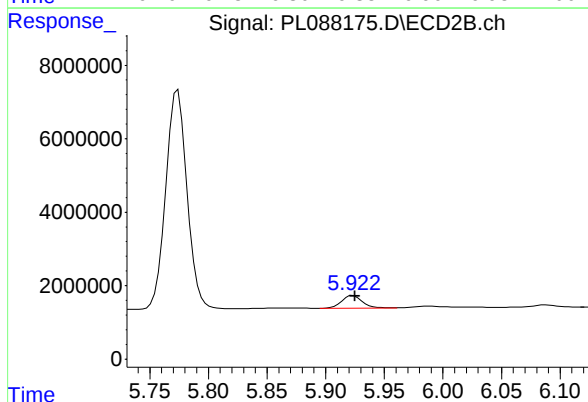
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: -0.005 min
Response: 7268026
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

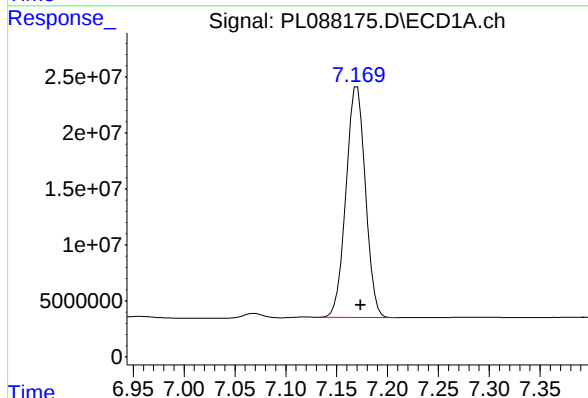
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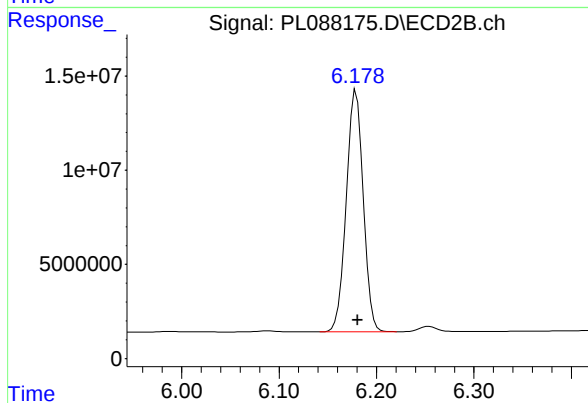
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 4408081
Conc: 3.23 ng/ml



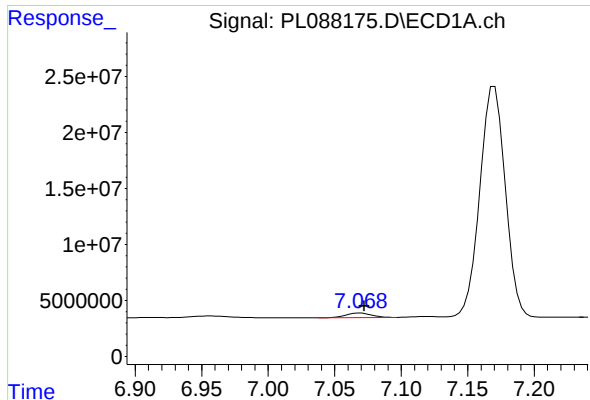
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 273849750
Conc: 104.16 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 155007655
Conc: 113.54 ng/ml



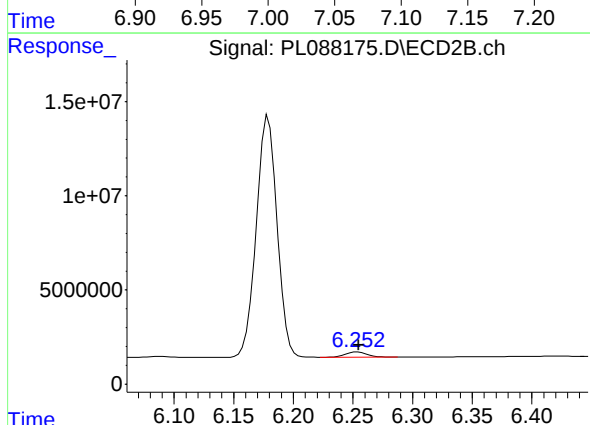
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 5226519
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

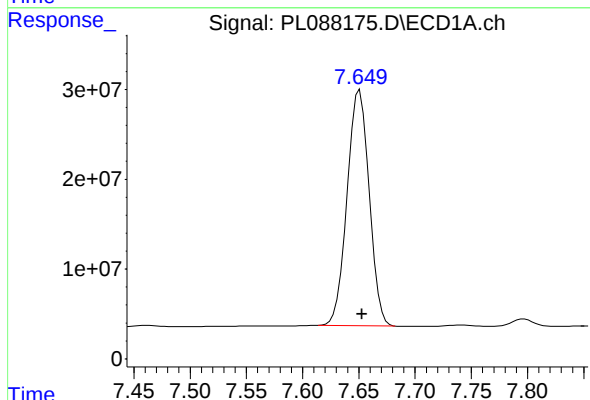
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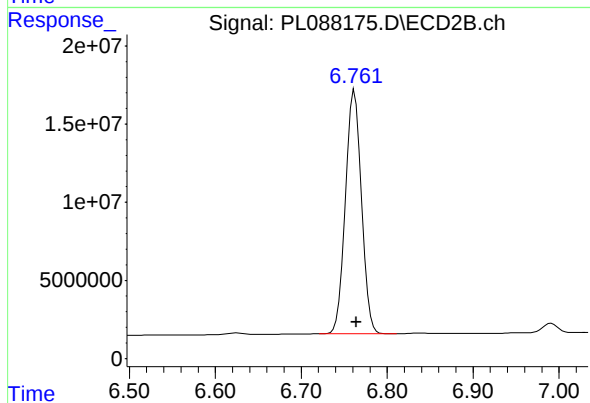
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 3500382
Conc: 3.20 ng/ml



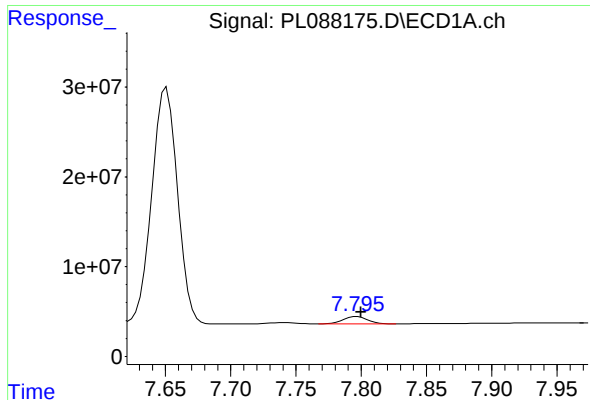
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 358444871
Conc: 270.79 ng/ml m



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 201239362
Conc: 256.76 ng/ml



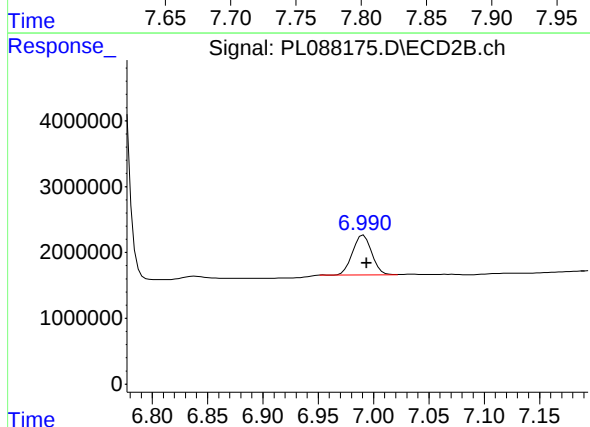
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 10712872
Conc: 3.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

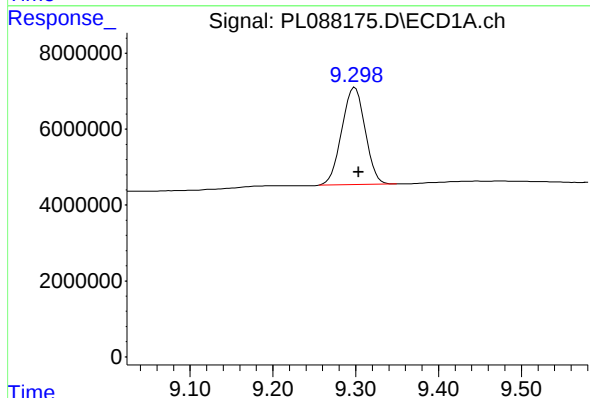
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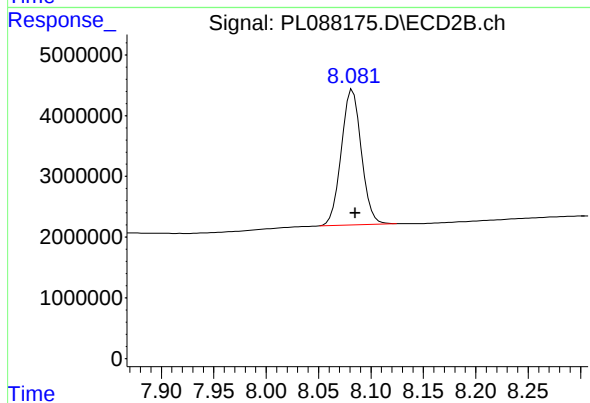
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 7264173
Conc: 4.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: -0.005 min
Response: 50188677
Conc: 26.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 29832767
Conc: 23.43 ng/ml