

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
 Data File : PL088539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2024 17:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/13/2024
 Supervised By : Ankita Jodhani 03/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 01:29:33 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	2.853	48190845	24599364	17.545	17.539
28)	SA Decachlor...	9.304	8.082	39753138	25151250	20.641	19.753
Target Compounds							
2)	A alpha-BHC	4.099	3.367	32941081	16659934	7.892	8.108
3)	MA gamma-BHC...	4.438	3.704	31981430	15570443	7.898	7.775
6)	B beta-BHC	4.635	4.005	17160655	8398037	9.853	9.435
12)	B 4,4'-DDE	6.330	5.359	721229	367898	0.238m	0.231m
14)	MA Endrin	6.719	5.773	99589119	59441496	38.294	39.757
16)	A 4,4'-DDD	6.854	5.923	9998031	5233925	3.855	3.831
17)	MA 4,4'-DDT	7.173	6.178	186.9E6	109.7E6	71.103	80.337
18)	B Endrin al...	7.072	6.253	3687271	2417109	1.783	2.213
20)	A Methoxychlor	7.653	6.762	244.1E6	141.1E6	184.442	180.062
21)	B Endrin ke...	7.800	6.991	8896879	6254910	3.176	3.736

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

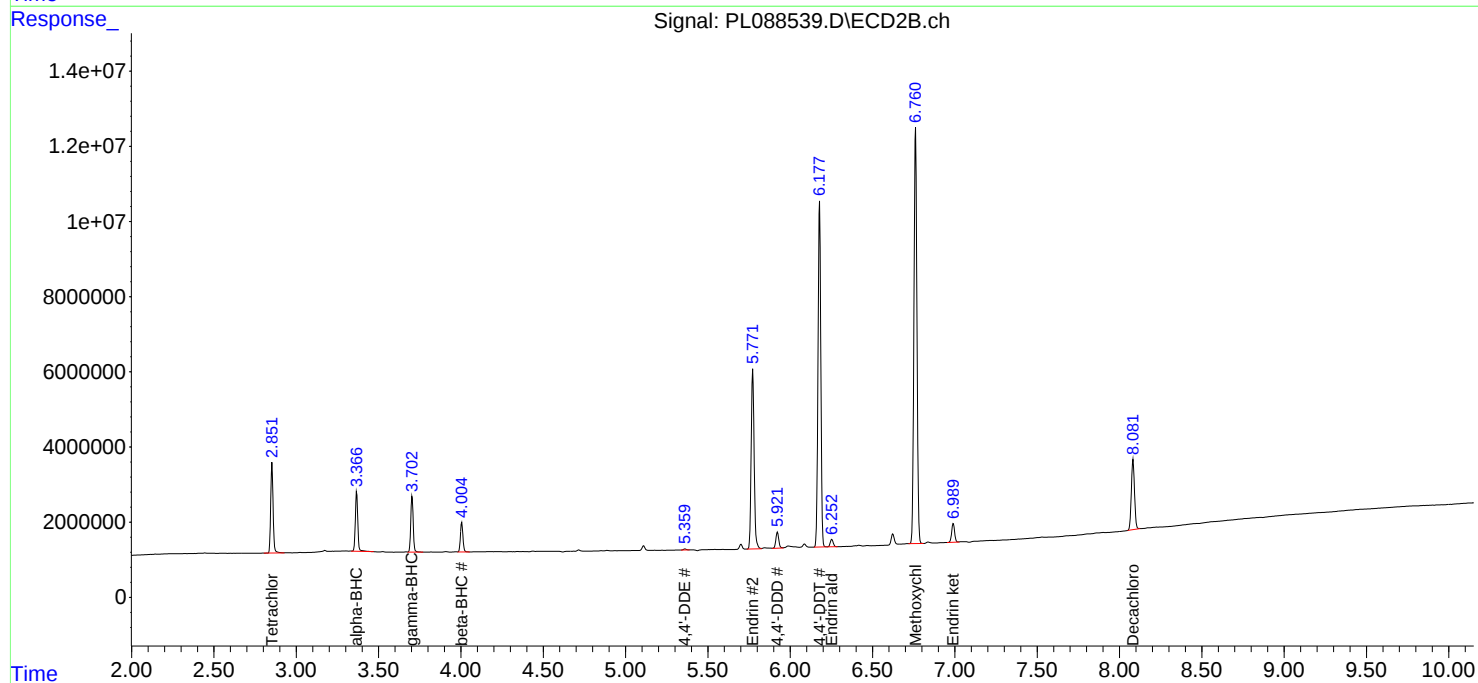
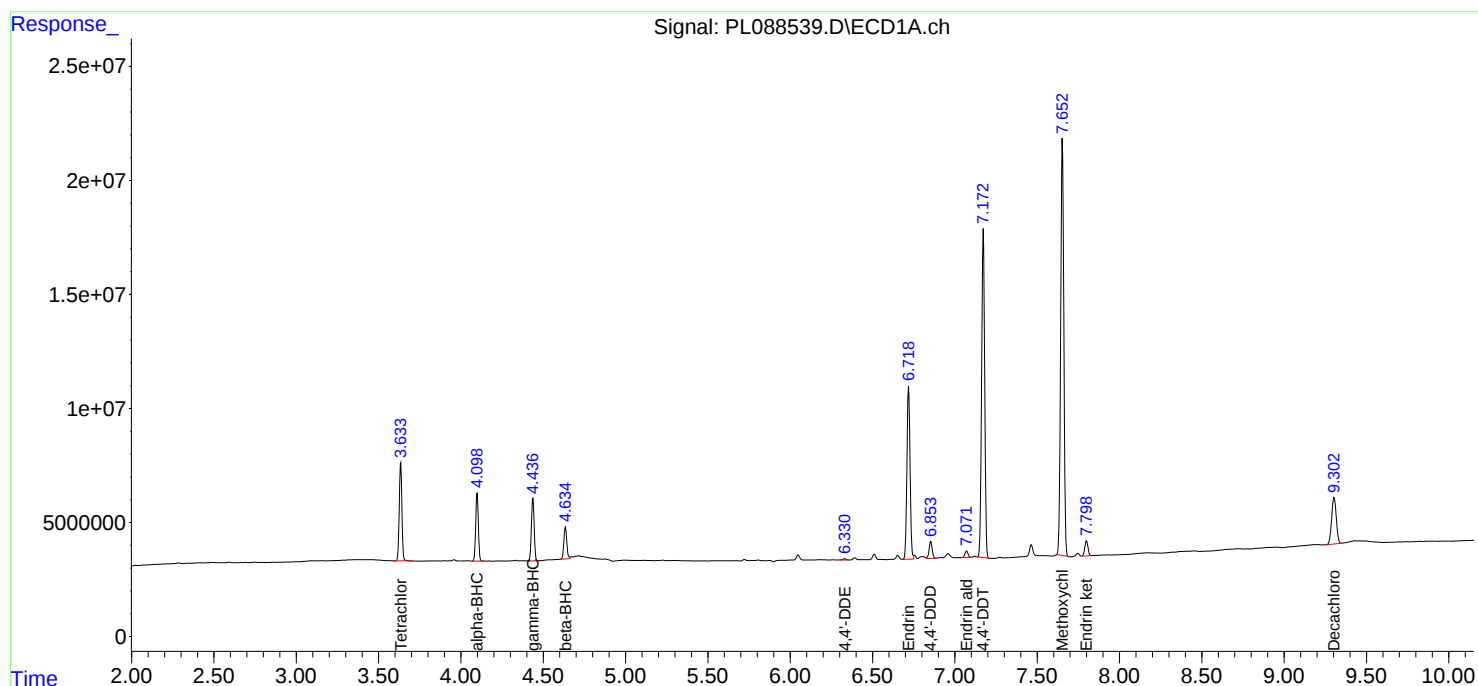
Instrument :
ECD_L
ClientSampleId :
PEM

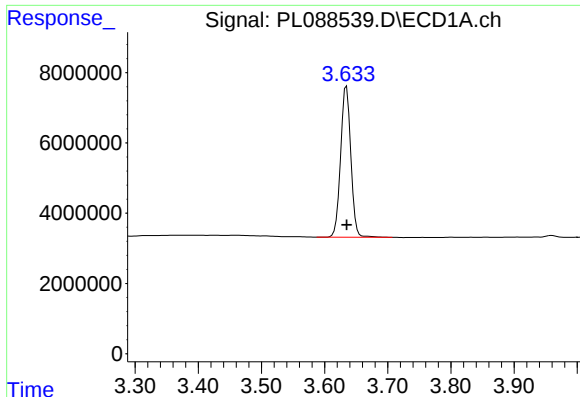
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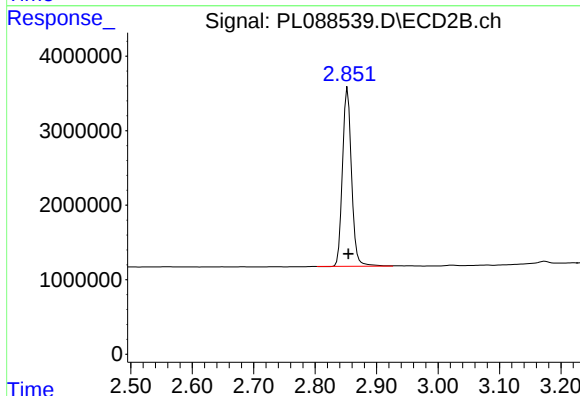
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 48190845
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

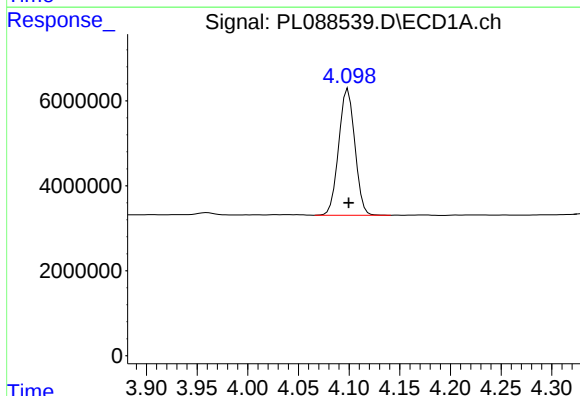
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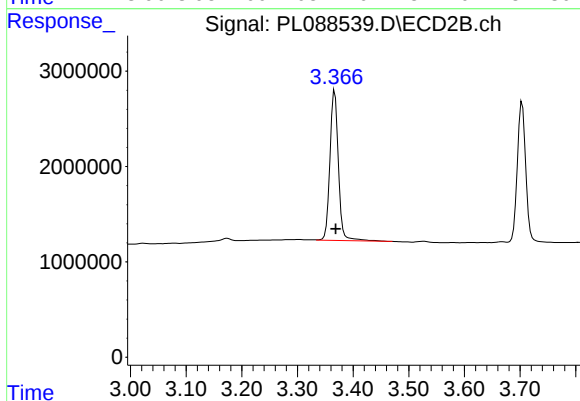
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.001 min
Response: 24599364
Conc: 17.54 ng/ml



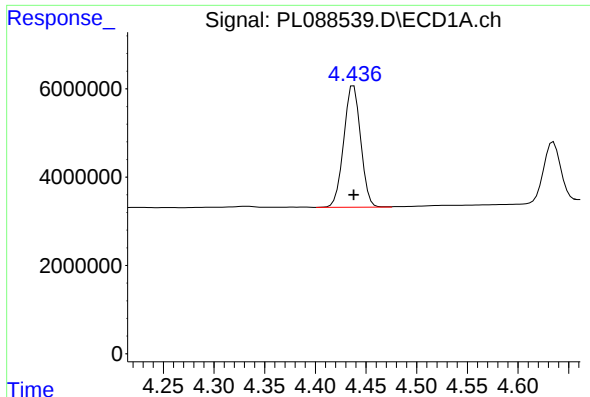
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 32941081
Conc: 7.89 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 16659934
Conc: 8.11 ng/ml



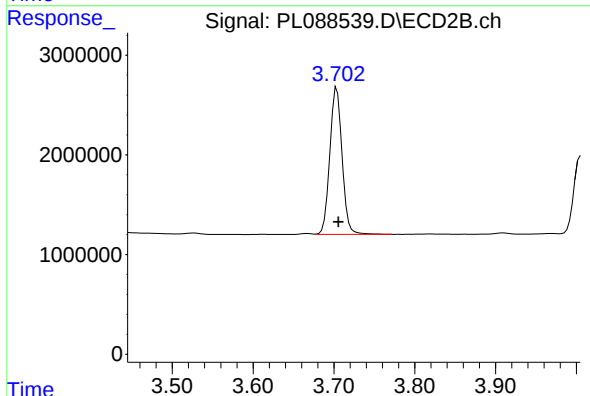
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 31981430
Conc: 7.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

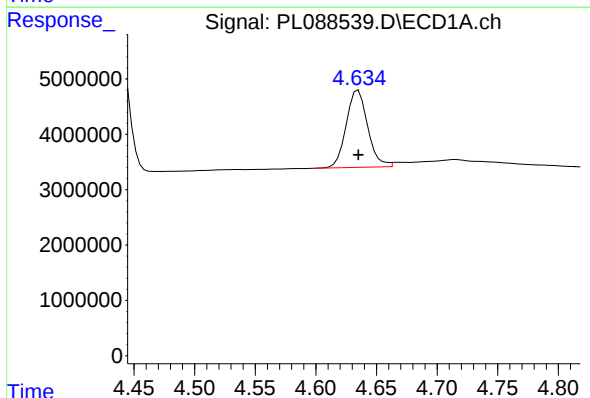
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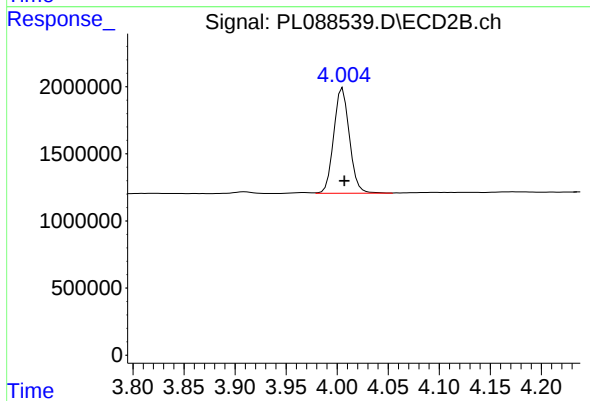
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 15570443
Conc: 7.78 ng/ml



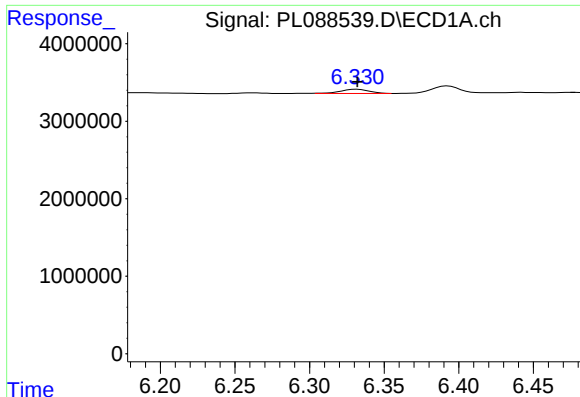
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 17160655
Conc: 9.85 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 8398037
Conc: 9.44 ng/ml



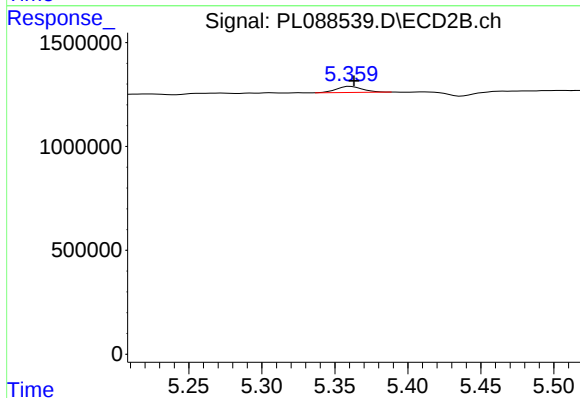
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 721229
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

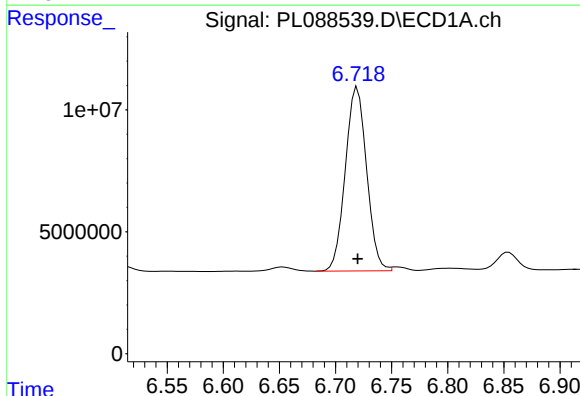
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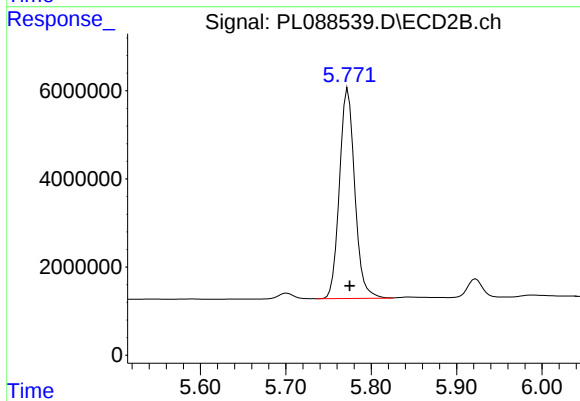
#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 367898
Conc: 0.23 ng/ml m



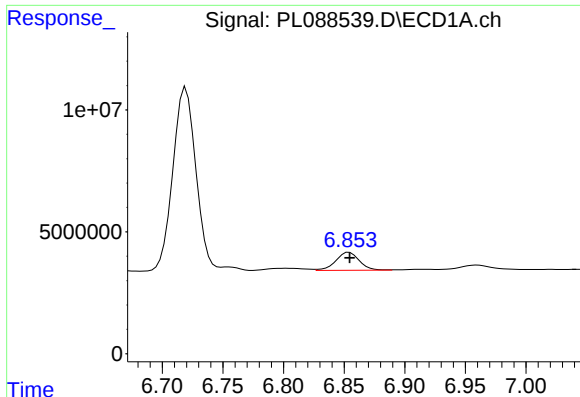
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 99589119
Conc: 38.29 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 59441496
Conc: 39.76 ng/ml



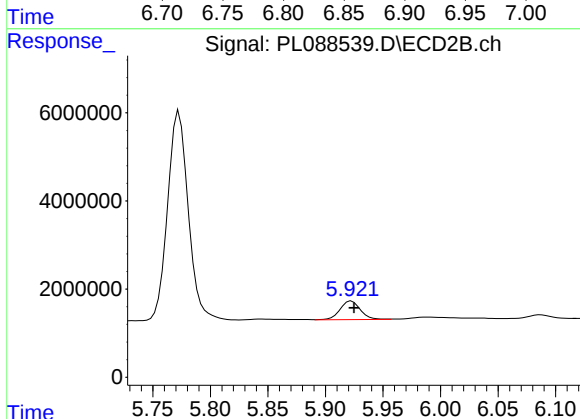
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 9998031
Conc: 3.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

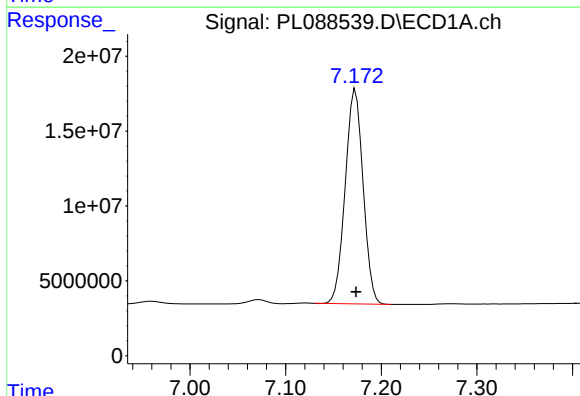
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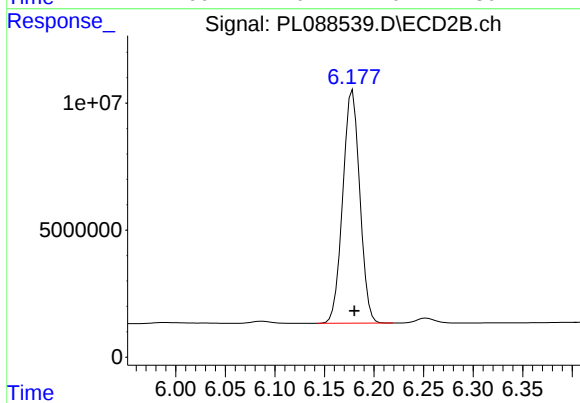
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 5233925
Conc: 3.83 ng/ml



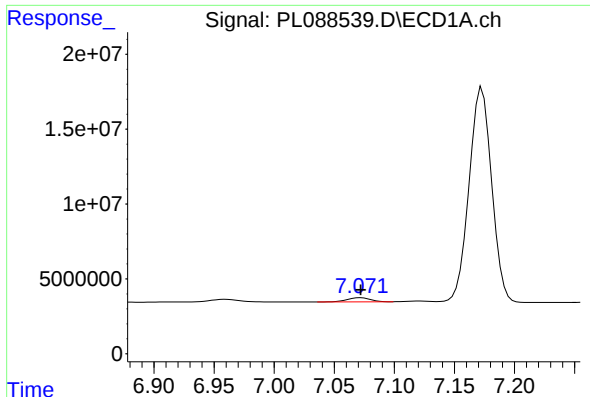
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 186943993
Conc: 71.10 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 109678608
Conc: 80.34 ng/ml



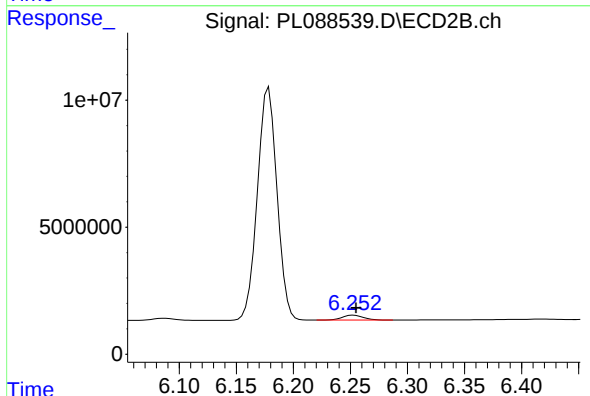
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 3687271
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

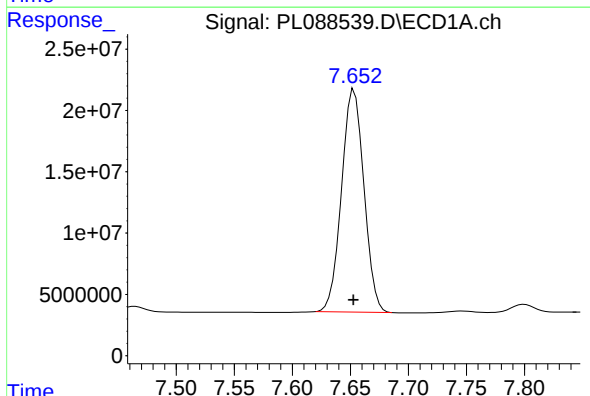
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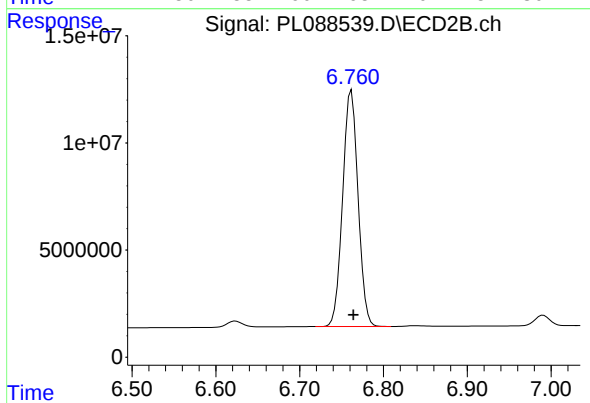
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 2417109
Conc: 2.21 ng/ml



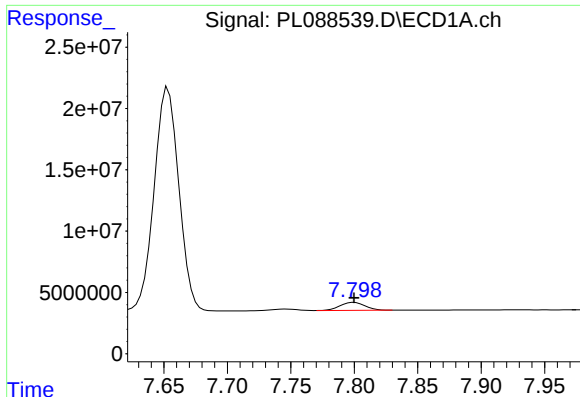
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 244148258
Conc: 184.44 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 141124697
Conc: 180.06 ng/ml



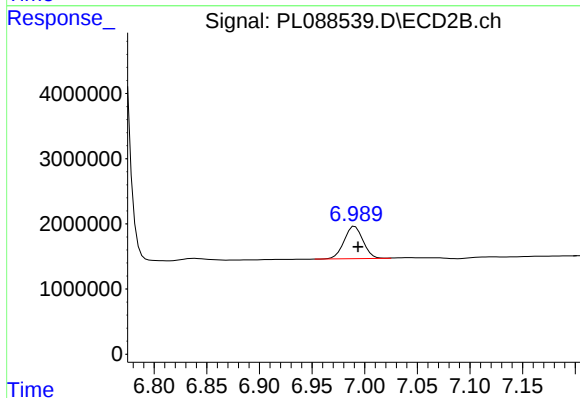
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 8896879
Conc: 3.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

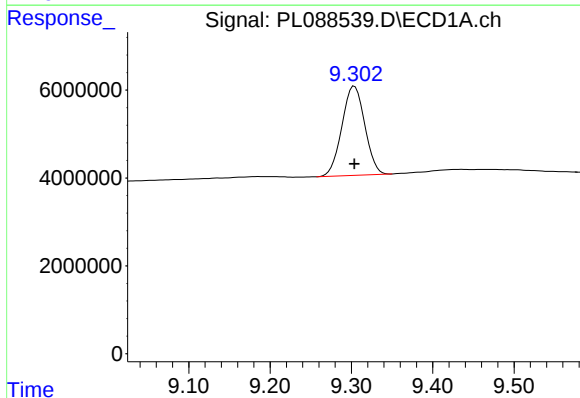
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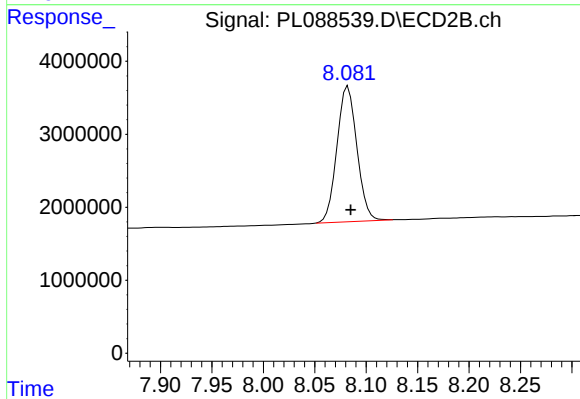
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 6254910
Conc: 3.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 39753138
Conc: 20.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 25151250
Conc: 19.75 ng/ml