

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 17:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/27/2024
 Supervised By : Ankita Jodhani 02/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 23:58:43 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...	3.634	2.853	55500826	26660478	20.206	19.009
28)	SA Decachlor...	9.301	8.083	48979517	28682812	25.432	22.527
Target Compounds							
2)	A alpha-BHC	4.099	3.367	38347683	18173293	9.187	8.844
3)	MA gamma-BHC...	4.437	3.704	37456119	17233774	9.249	8.606
6)	B beta-BHC	4.635	4.005	19862567	8955849	11.405	10.062
12)	B 4,4'-DDE	6.329	5.360	435313	241779	0.144m	0.152m
14)	MA Endrin	6.718	5.773	129.3E6	70584278	49.728	47.209
16)	A 4,4'-DDD	6.851	5.923	3419817	1808445	1.319m	1.324m
17)	MA 4,4'-DDT	7.171	6.179	269.0E6	147.5E6	102.306	108.027
18)	B Endrin al...	7.069	6.254	3286966	2098532	1.590m	1.921
20)	A Methoxychlor	7.651	6.762	355.3E6	194.2E6	268.421	247.762
21)	B Endrin ke...	7.798	6.991	6783744	4579288	2.422	2.735

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

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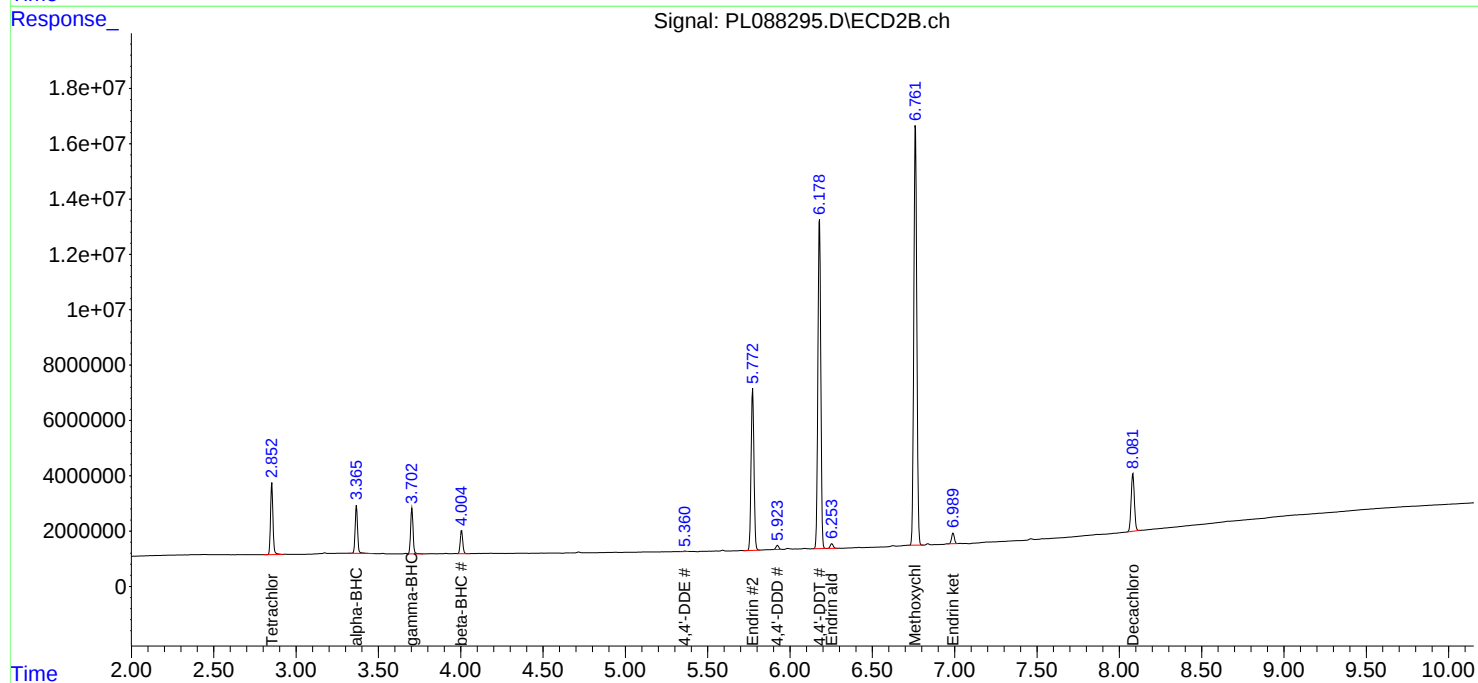
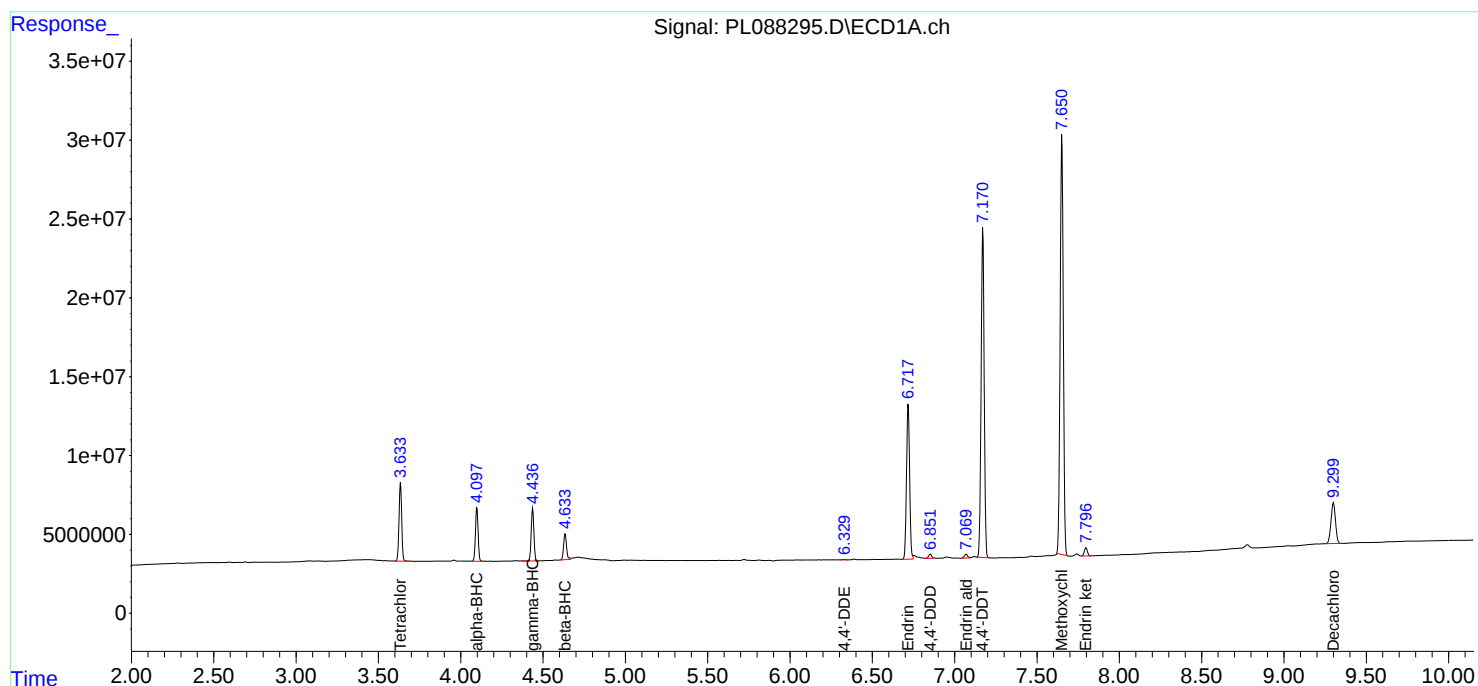
Instrument :
ECD_L
ClientSampleId :
PEM

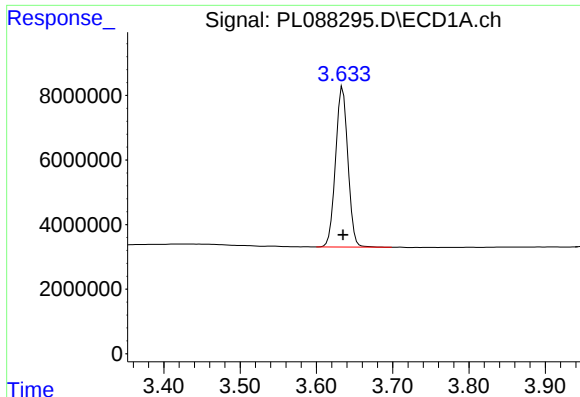
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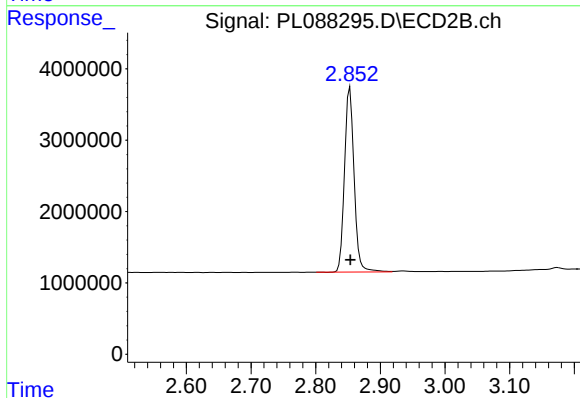
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 55500826
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

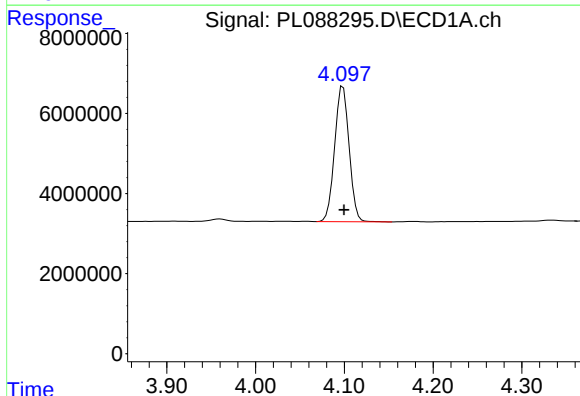
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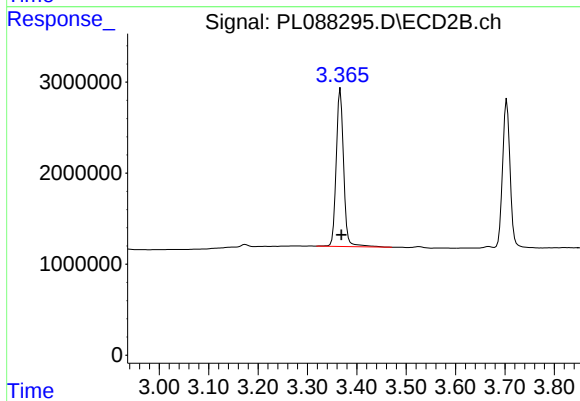
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 26660478
Conc: 19.01 ng/ml



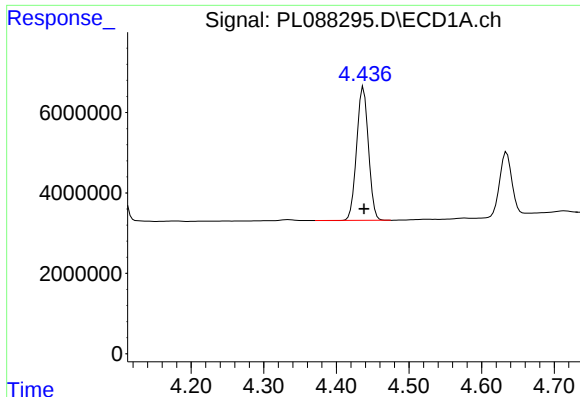
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 38347683
Conc: 9.19 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 18173293
Conc: 8.84 ng/ml



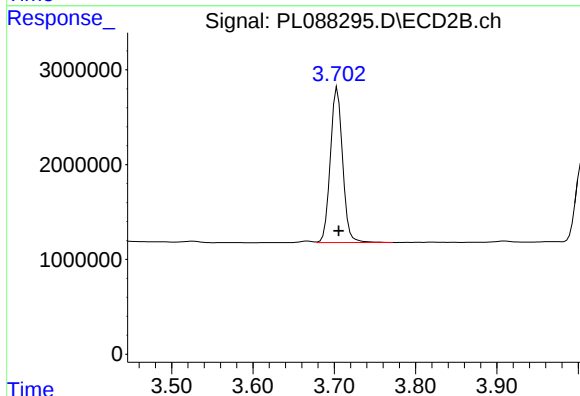
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 37456119
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

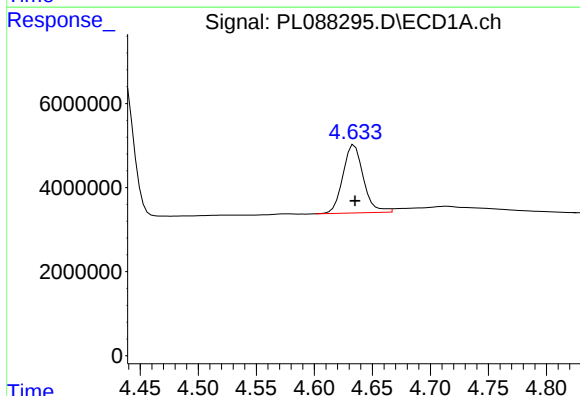
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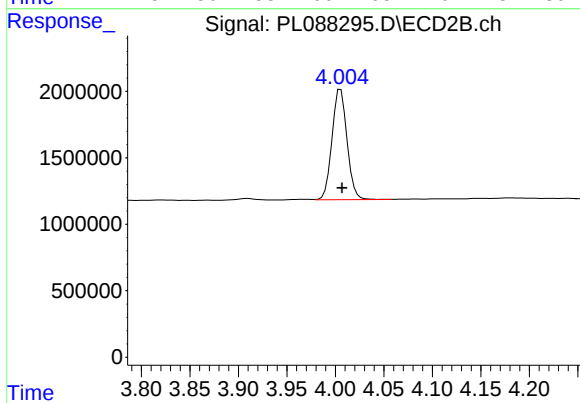
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 17233774
Conc: 8.61 ng/ml



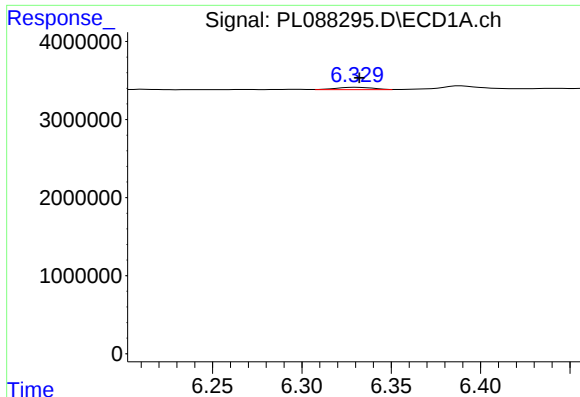
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19862567
Conc: 11.40 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 8955849
Conc: 10.06 ng/ml



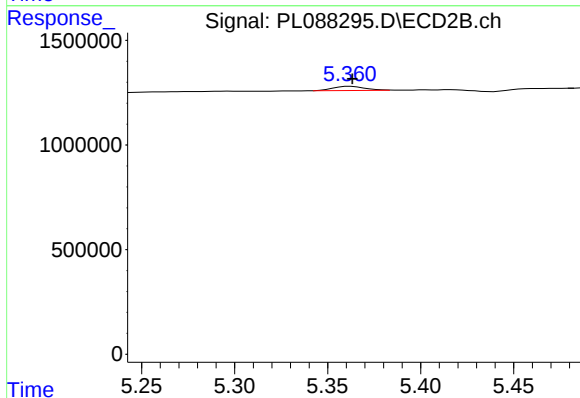
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 435313
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

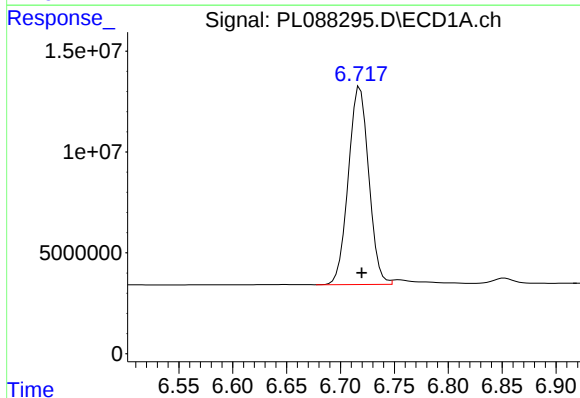
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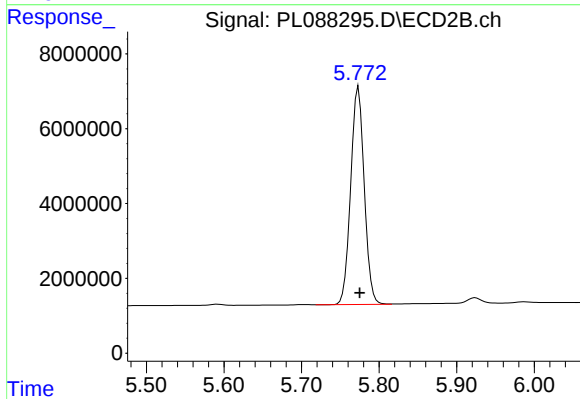
#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 241779
Conc: 0.15 ng/ml m



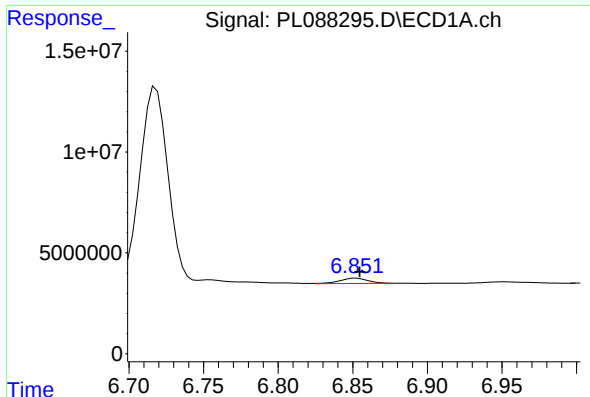
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 129323549
Conc: 49.73 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 70584278
Conc: 47.21 ng/ml



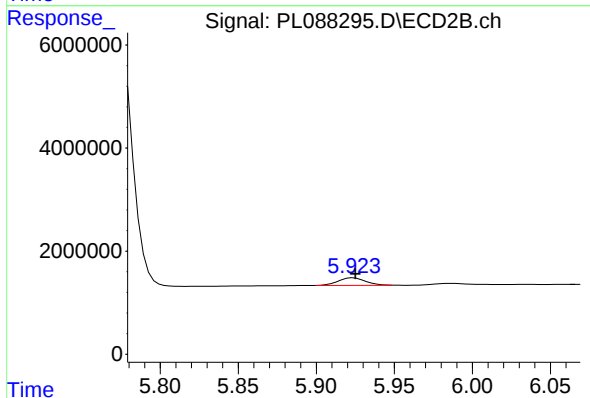
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 3419817
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

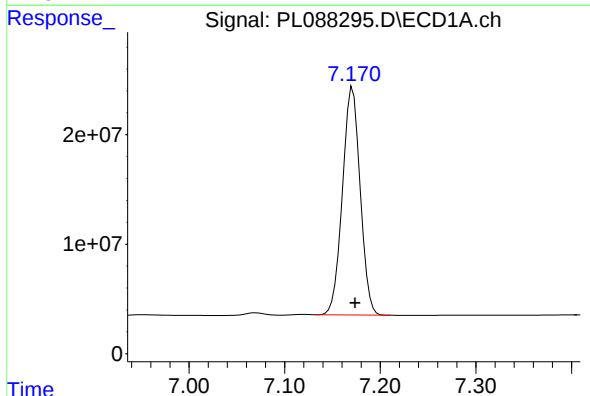
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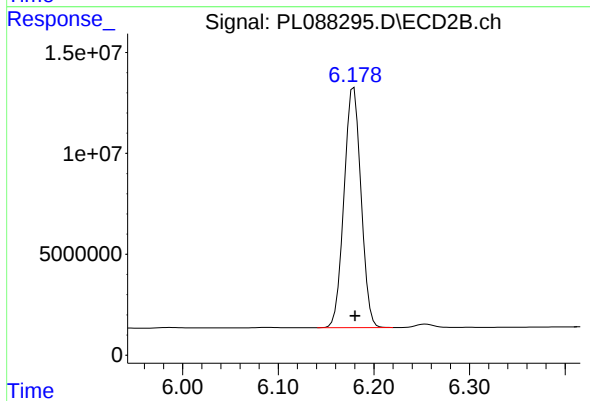
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 1808445
Conc: 1.32 ng/ml m



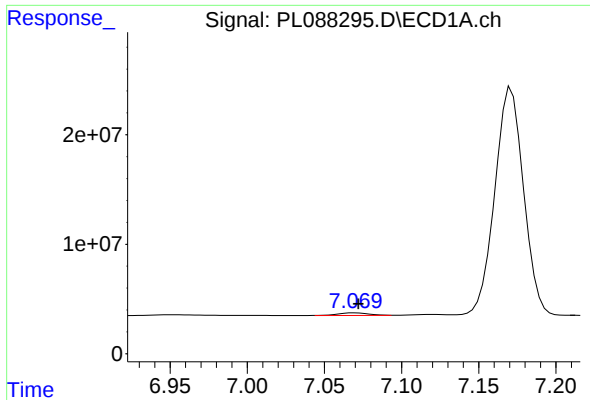
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 268984375
Conc: 102.31 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 147482724
Conc: 108.03 ng/ml



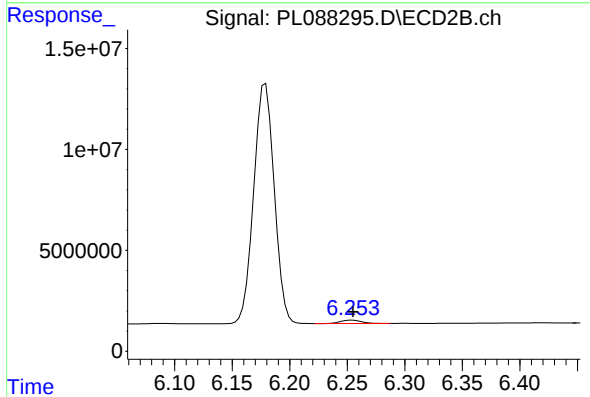
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 3286966
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

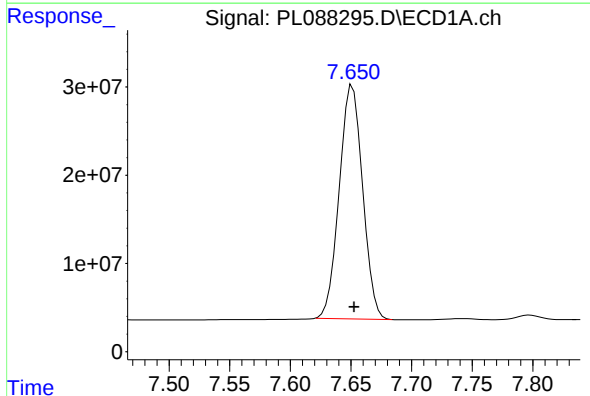
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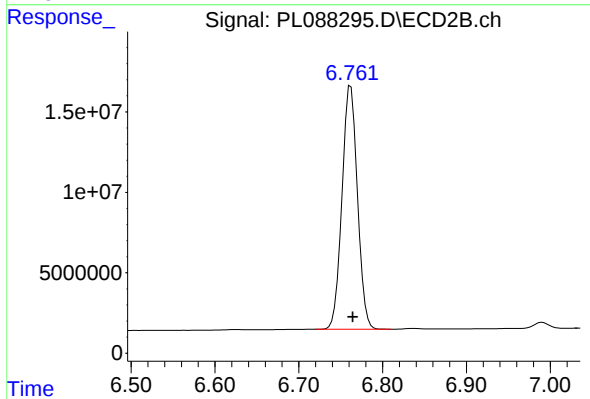
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2098532
Conc: 1.92 ng/ml



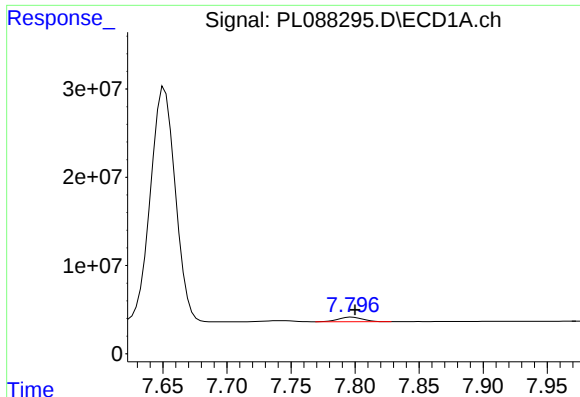
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 355312455
Conc: 268.42 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 194184591
Conc: 247.76 ng/ml



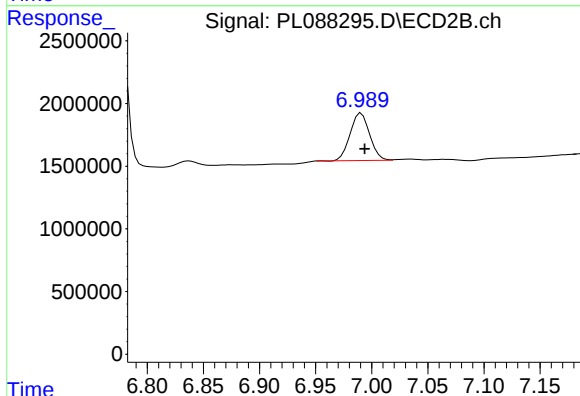
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 6783744
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

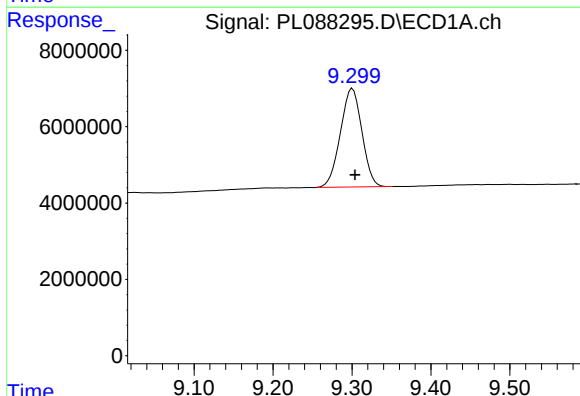
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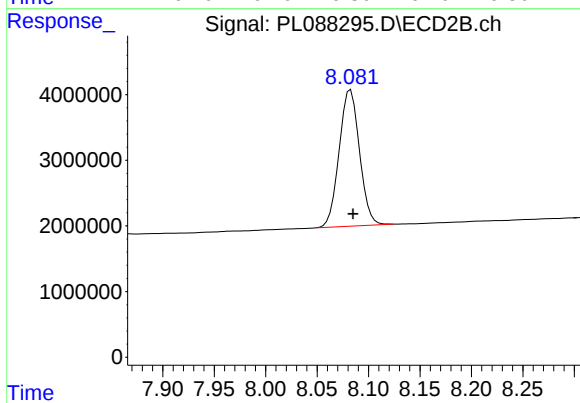
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 4579288
Conc: 2.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.003 min
Response: 48979517
Conc: 25.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.003 min
Response: 28682812
Conc: 22.53 ng/ml