

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022924\
 Data File : PL088346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Feb 2024 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2024
 Supervised By : Ankita Jodhani 03/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 00:40:08 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	51671450	25049789	18.812	17.861
28)	SA Decachlor...	9.301	8.083	43782846	24933696	22.733	19.582
Target Compounds							
2)	A alpha-BHC	4.099	3.368	35725416	16482126	8.559	8.021
3)	MA gamma-BHC...	4.438	3.705	34834709	15932296	8.602	7.956
6)	B beta-BHC	4.635	4.007	17542002	8796061	10.072	9.882
12)	B 4,4'-DDE	6.330	5.360	520836	279427	0.172m	0.176m
14)	MA Endrin	6.718	5.773	109.3E6	64027393	42.015m	42.824
16)	A 4,4'-DDD	6.851	5.924	5685277	3000156	2.192m	2.196
17)	MA 4,4'-DDT	7.172	6.178	232.0E6	131.7E6	88.251	96.459
18)	B Endrin al...	7.071	6.254	3285260	2140560	1.589	1.960
20)	A Methoxychlor	7.651	6.762	311.3E6	169.4E6	235.170m	216.168
21)	B Endrin ke...	7.799	6.988	7591978	6507812	2.710	3.887m#

(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

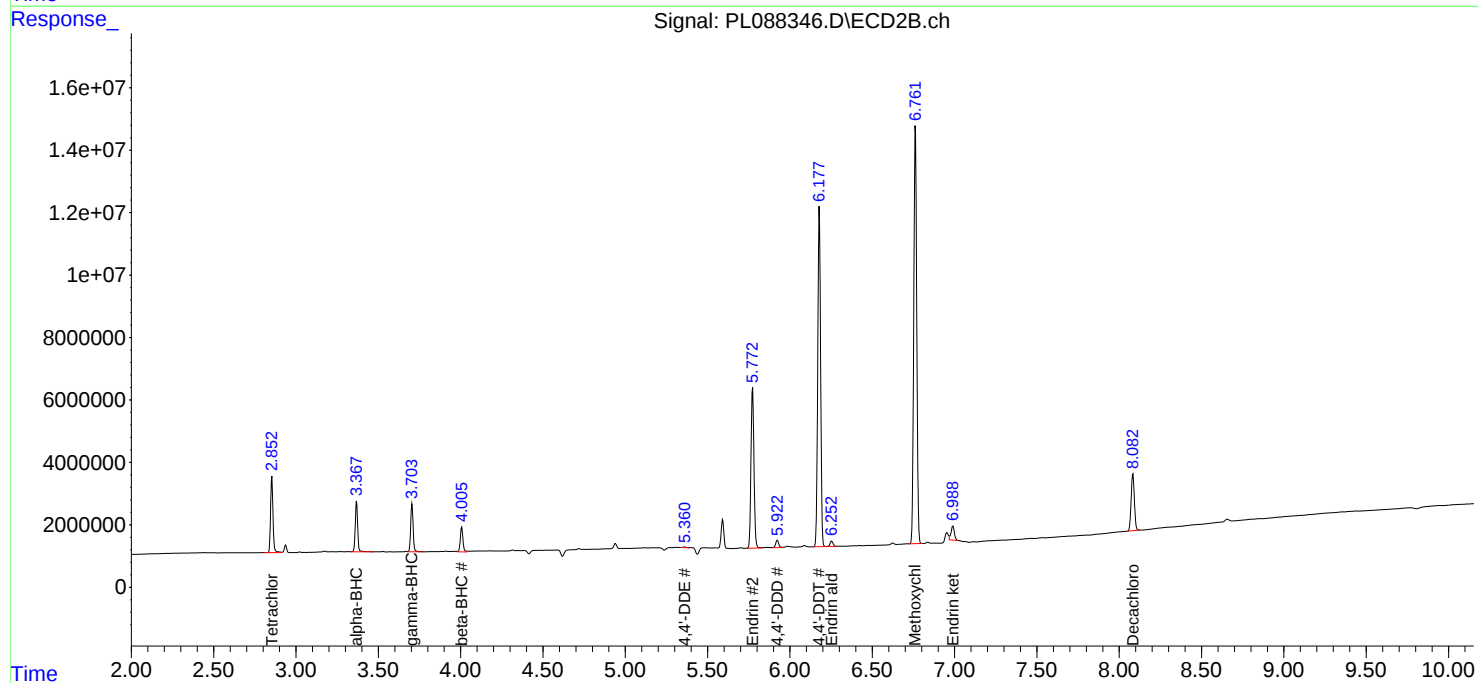
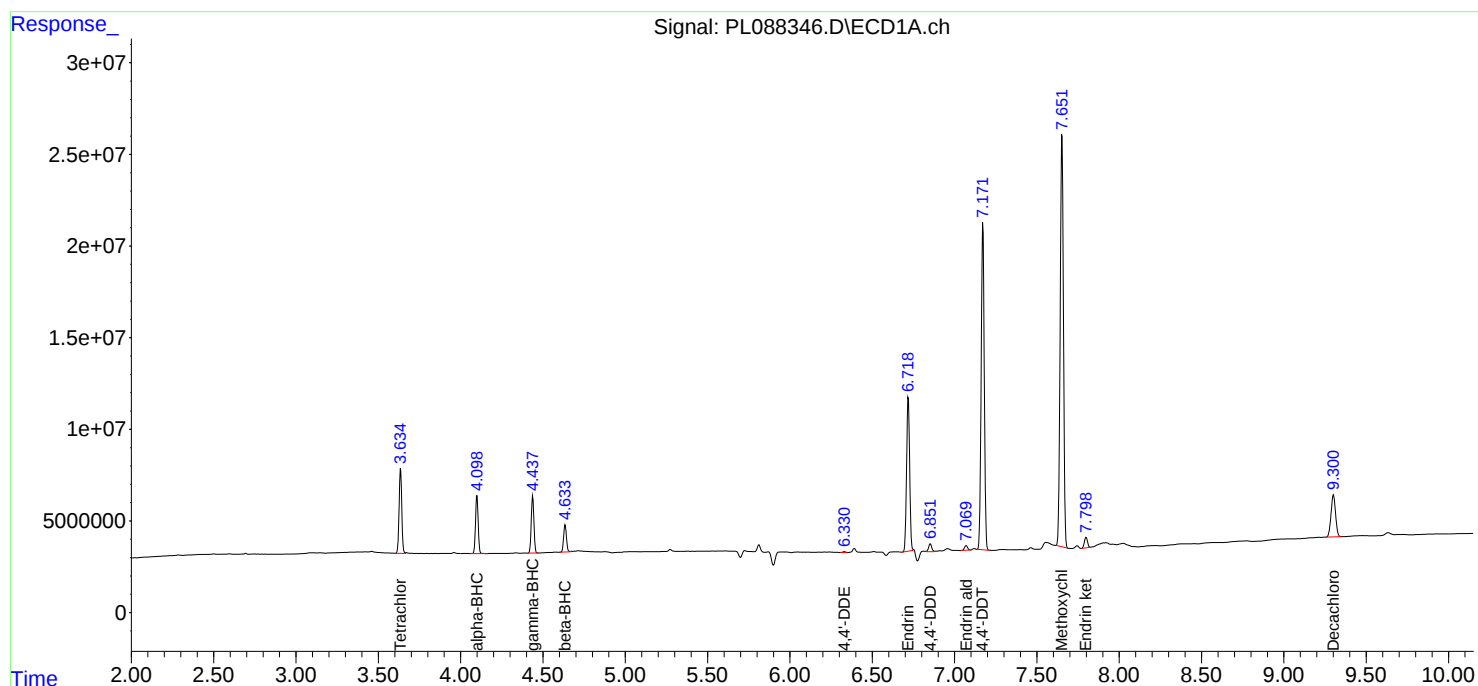
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ECD_L
ClientSampleId :
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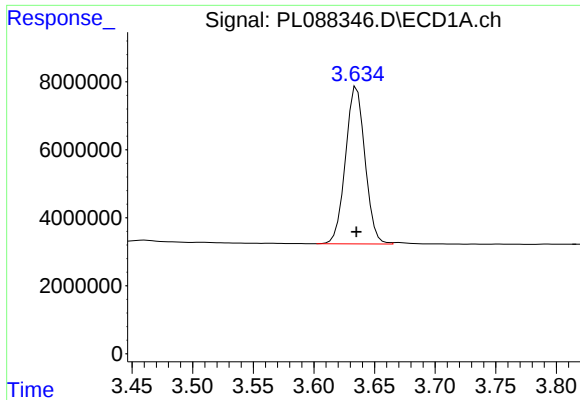
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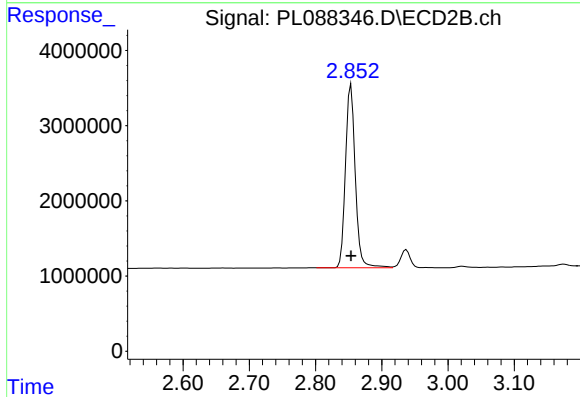
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 51671450
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

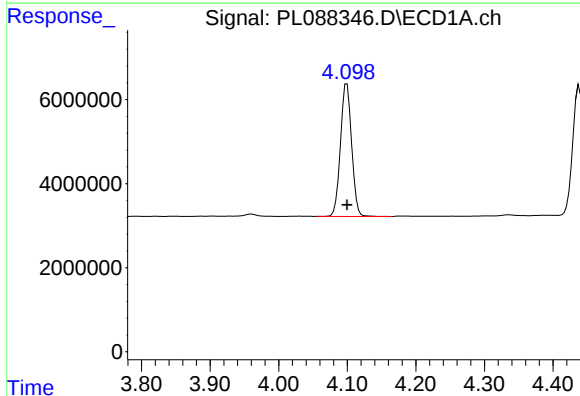
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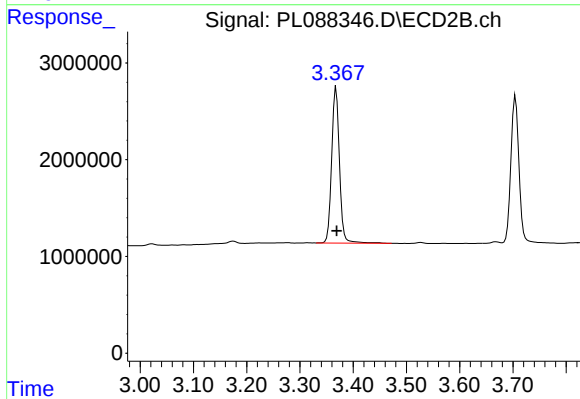
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 25049789
Conc: 17.86 ng/ml



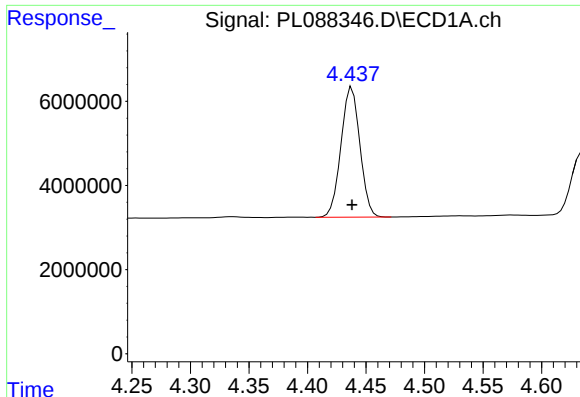
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 35725416
Conc: 8.56 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 16482126
Conc: 8.02 ng/ml



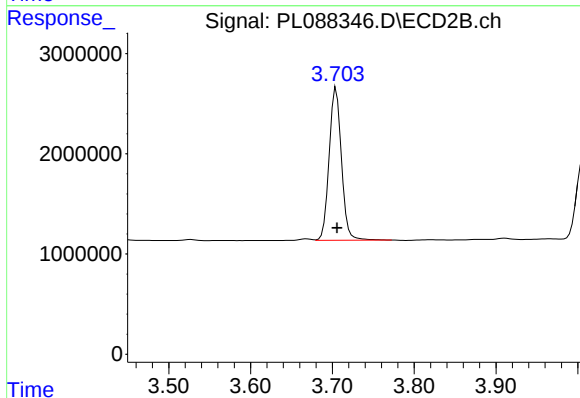
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 34834709
Conc: 8.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

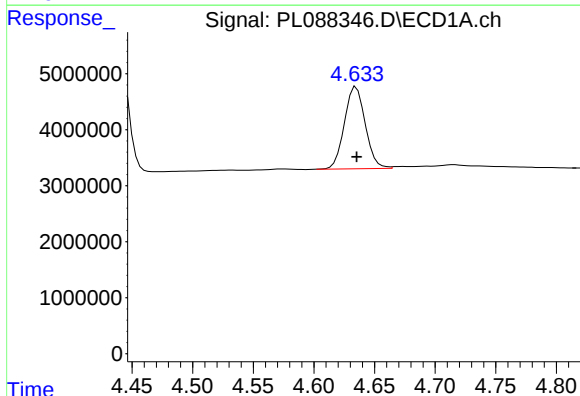
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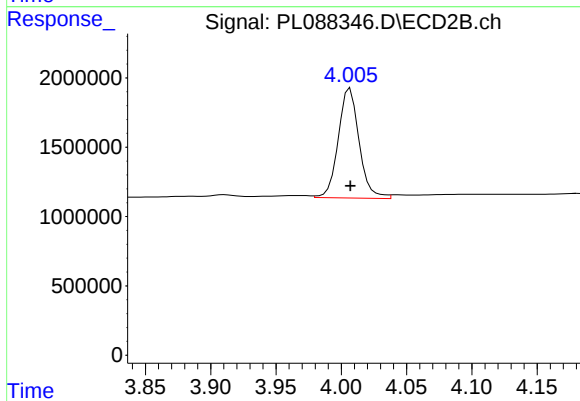
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 15932296
Conc: 7.96 ng/ml



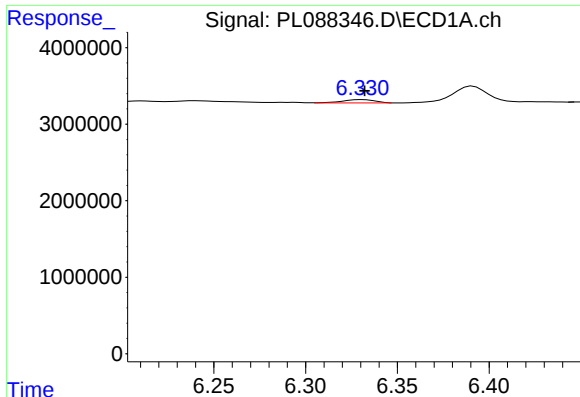
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 17542002
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 8796061
Conc: 9.88 ng/ml



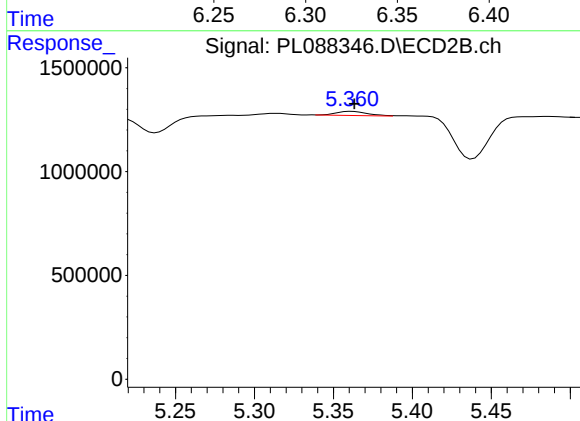
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 520836
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

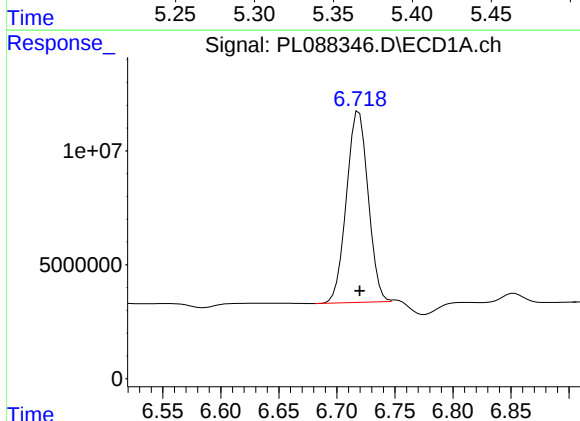
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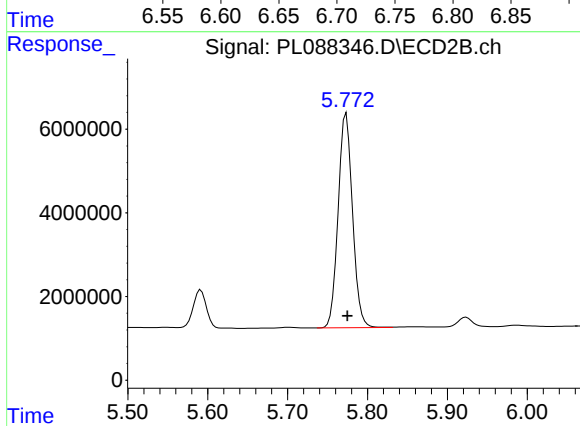
#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 279427
Conc: 0.18 ng/ml m



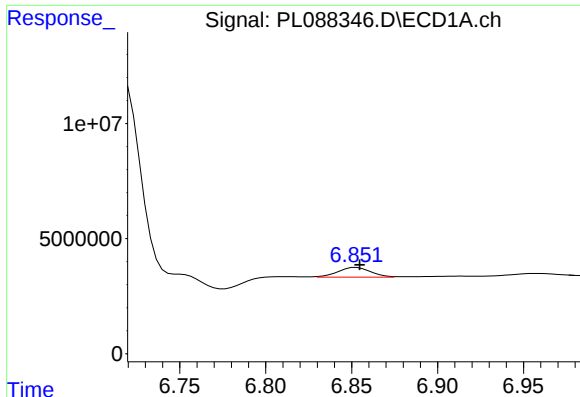
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 109265269
Conc: 42.02 ng/ml m



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 64027393
Conc: 42.82 ng/ml



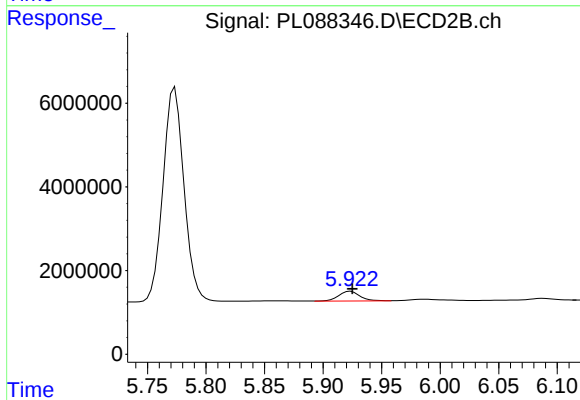
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 5685277
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

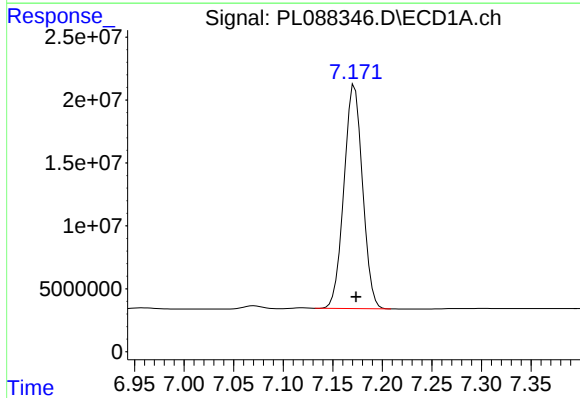
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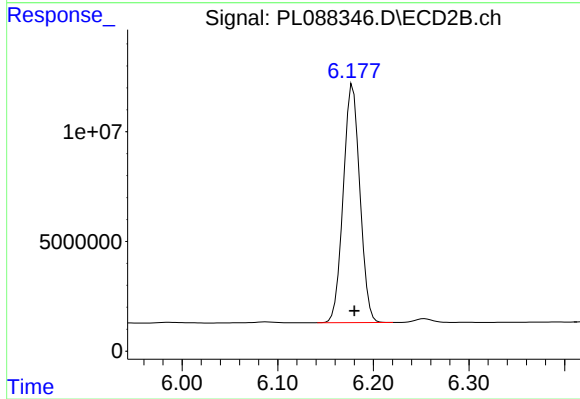
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 3000156
Conc: 2.20 ng/ml



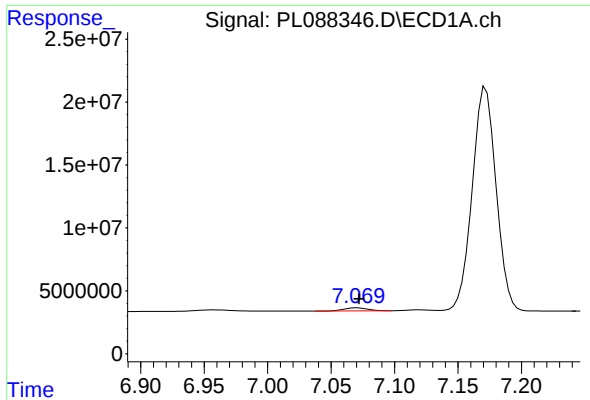
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 232030701
Conc: 88.25 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 131689544
Conc: 96.46 ng/ml



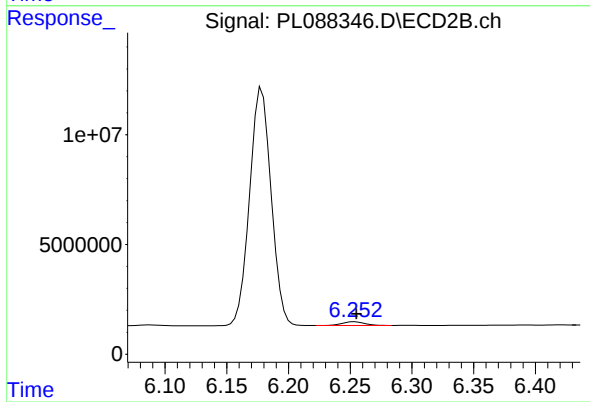
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: -0.001 min
Response: 3285260
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

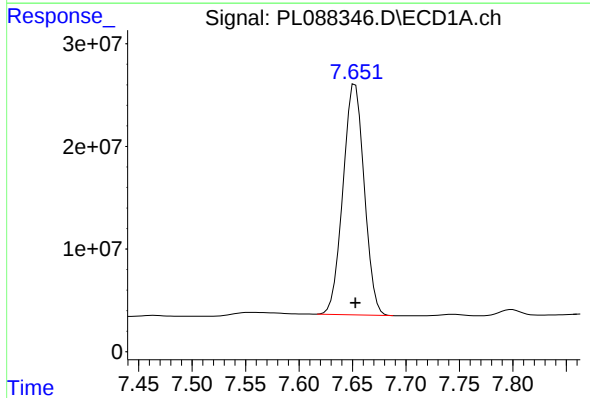
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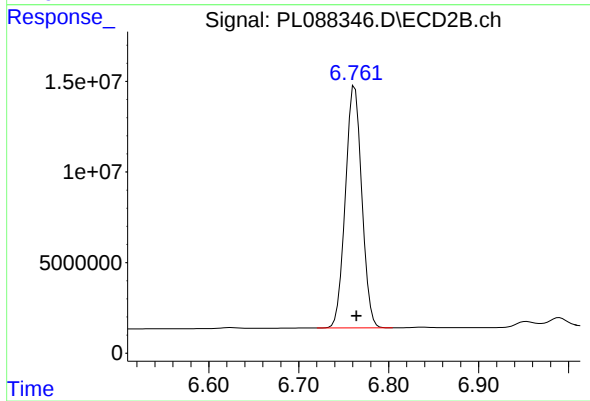
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 2140560
Conc: 1.96 ng/ml



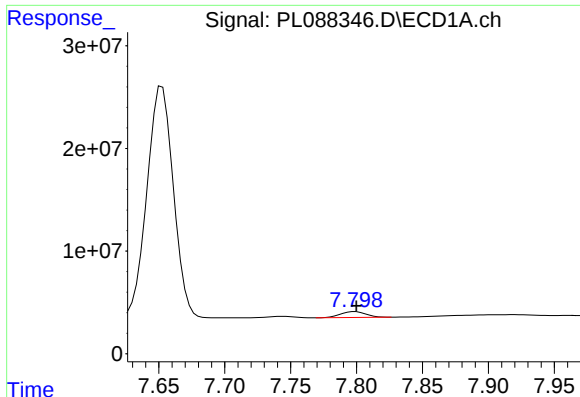
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 311297215
Conc: 235.17 ng/ml m



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 169422992
Conc: 216.17 ng/ml



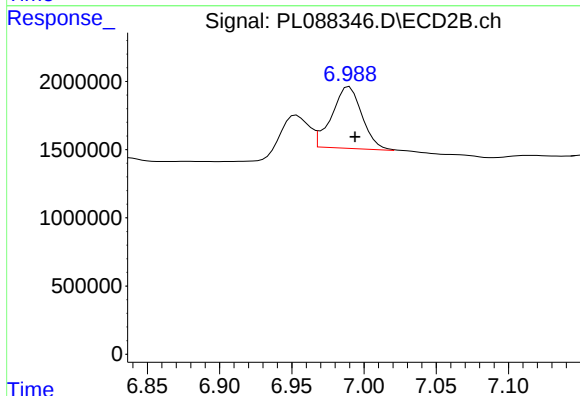
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 7591978
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

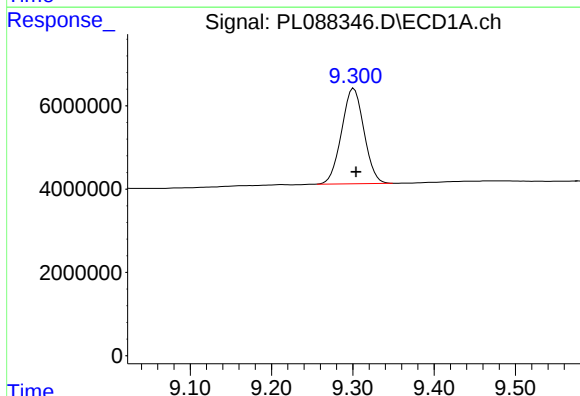
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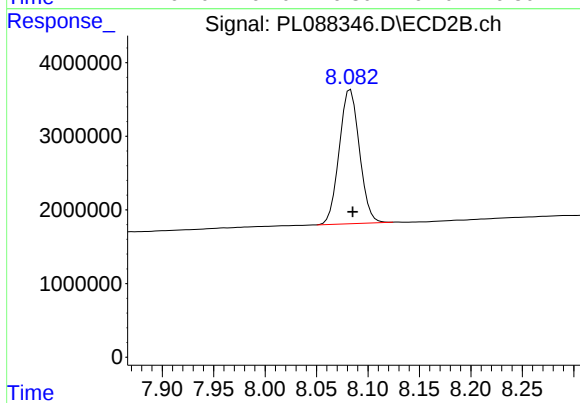
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.005 min
Response: 6507812
Conc: 3.89 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.003 min
Response: 43782846
Conc: 22.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 24933696
Conc: 19.58 ng/ml