

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021524\
 Data File : PL088097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2024 19:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/16/2024
 Supervised By : Ankita Jodhani 02/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 11:41:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 11:40:19 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...	3.636	2.854	54143154	27188895	19.712	19.386
28)	SA Decachlor...	9.304	8.086	45354773	25495747	23.550	20.024
Target Compounds							
2)	A alpha-BHC	4.100	3.369	37506659	17995495	8.985	8.758
3)	MA gamma-BHC...	4.438	3.706	36507113	17611656	9.015	8.795
6)	B beta-BHC	4.635	4.007	17369208	8979096	9.973	10.088
14)	MA Endrin	6.720	5.775	121.9E6	69140569	46.888	46.062
16)	A 4,4'-DDD	6.852	5.925	1959205	1462339	0.755m	1.070m#
17)	MA 4,4'-DDT	7.173	6.180	262.5E6	143.5E6	99.834	105.105
18)	B Endrin al...	7.072	6.256	2355658	1799103	1.139	1.647 #
20)	A Methoxychlor	7.654	6.764	355.2E6	188.0E6	268.353	239.839
21)	B Endrin ke...	7.800	6.993	5701524	4435524	2.035	2.649 #

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

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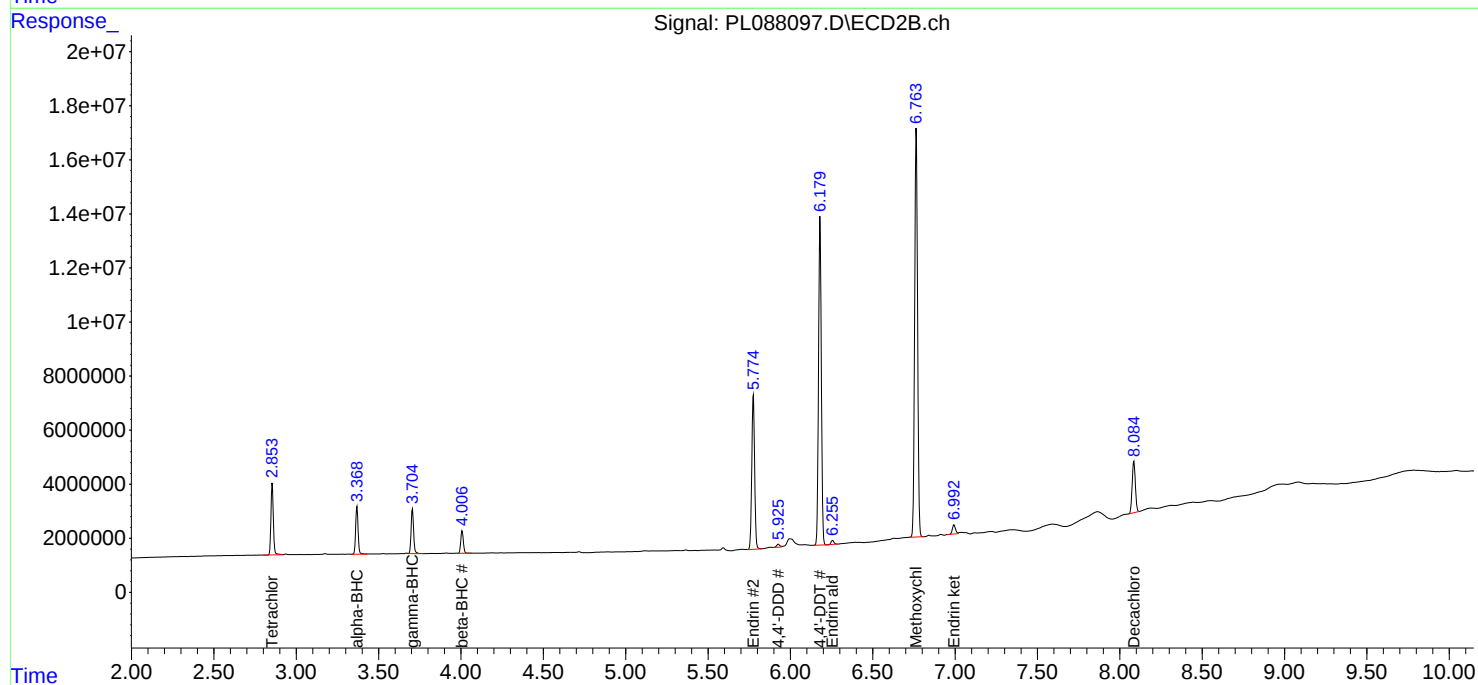
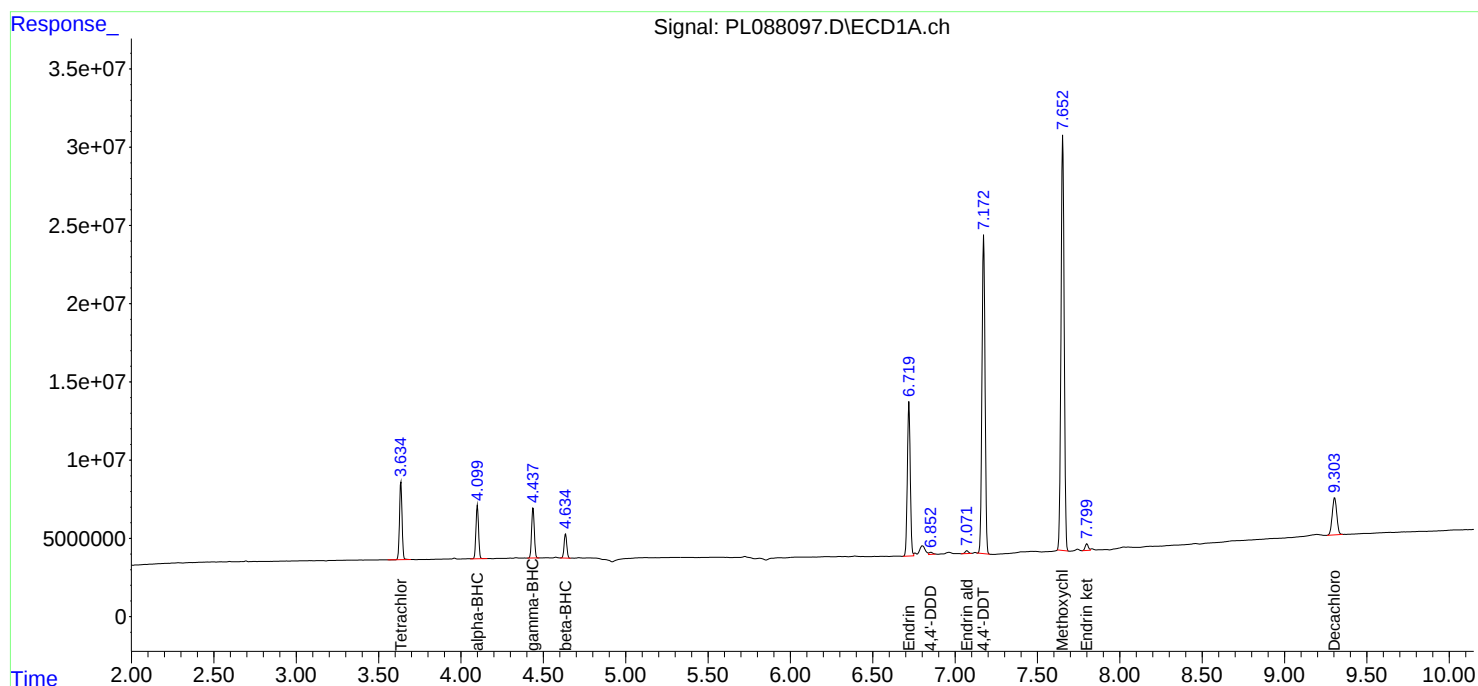
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ClientSampleId :
PEM

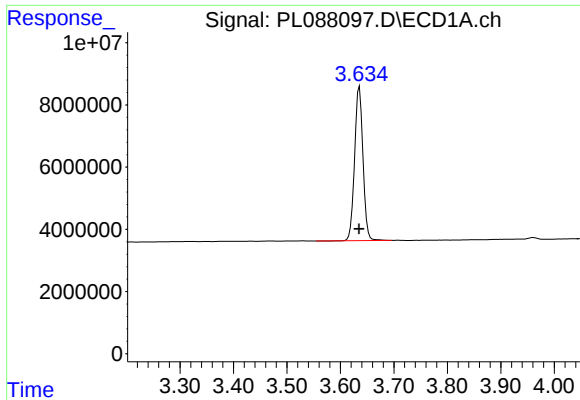
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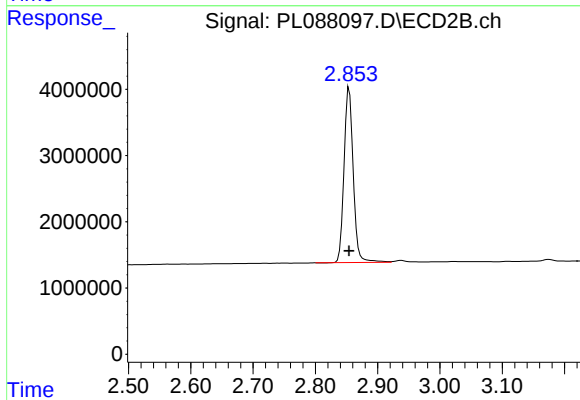
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 54143154
Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

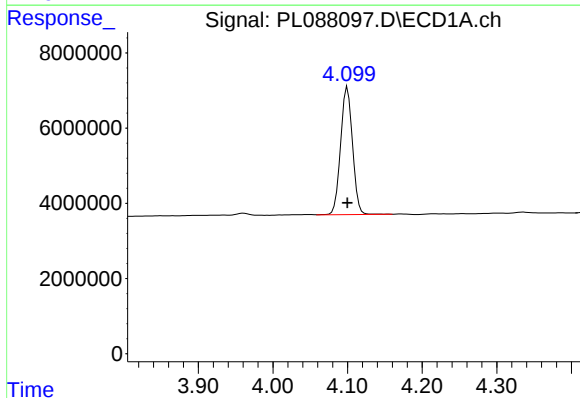
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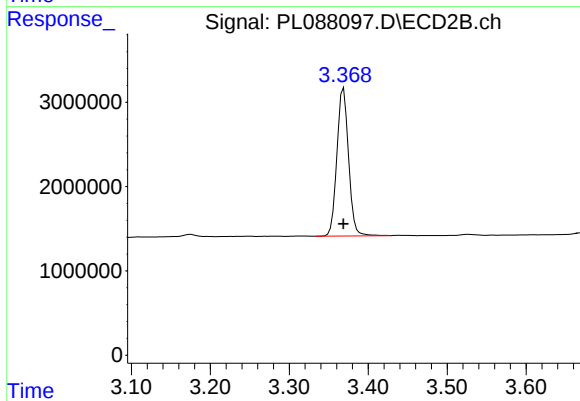
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27188895
Conc: 19.39 ng/ml



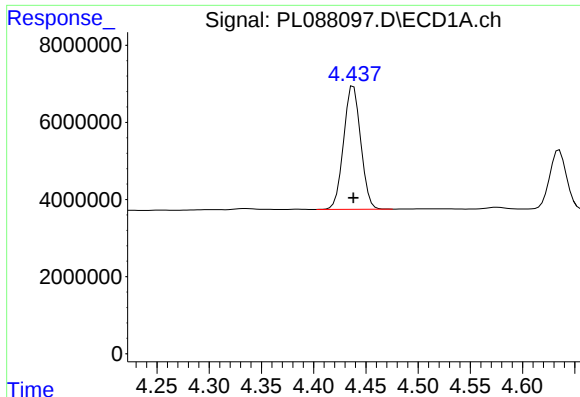
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 37506659
Conc: 8.99 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 17995495
Conc: 8.76 ng/ml



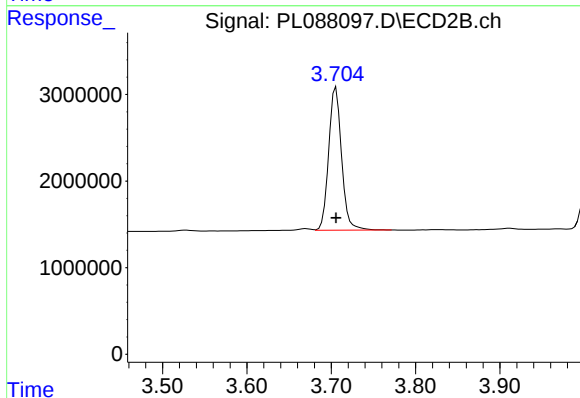
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 36507113
Conc: 9.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

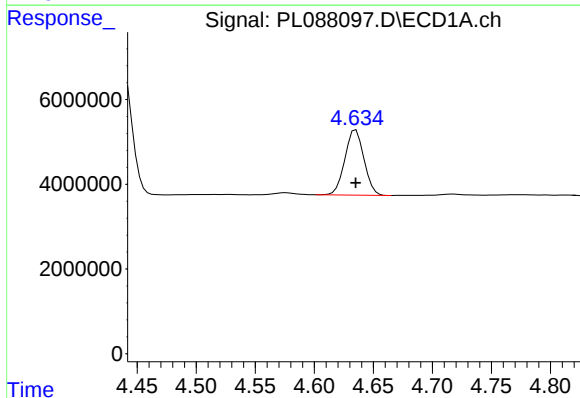
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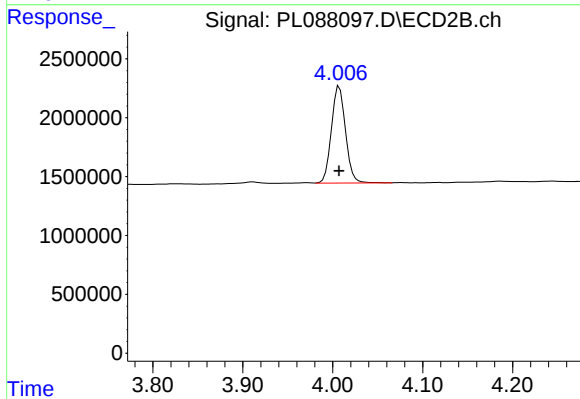
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 17611656
Conc: 8.79 ng/ml



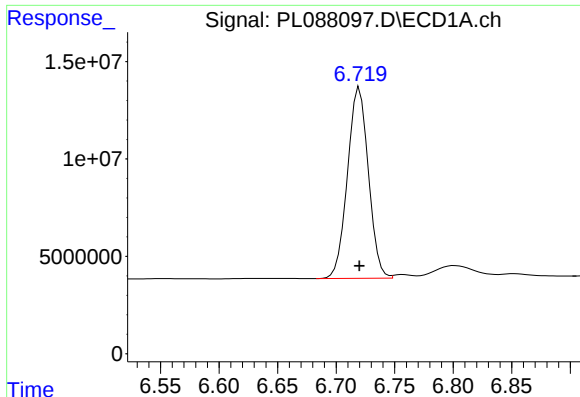
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 17369208
Conc: 9.97 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 8979096
Conc: 10.09 ng/ml



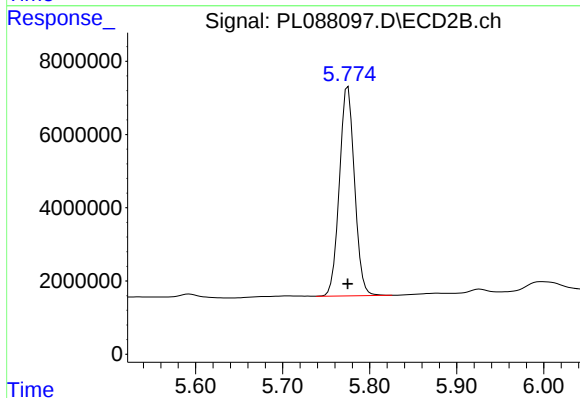
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 121938208
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

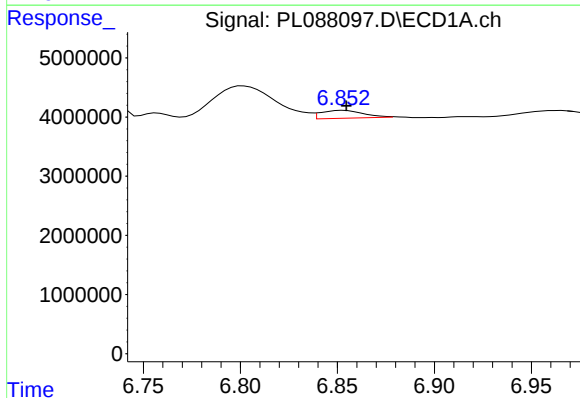
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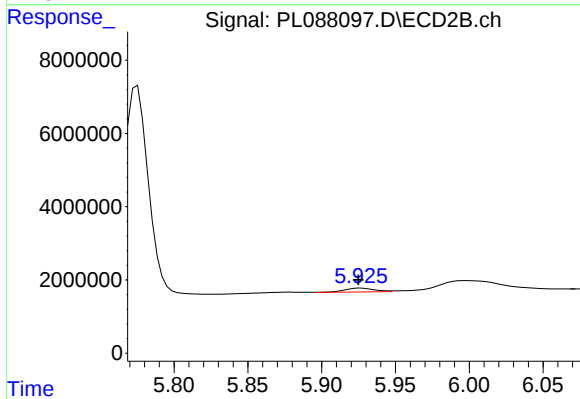
#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 69140569
Conc: 46.06 ng/ml



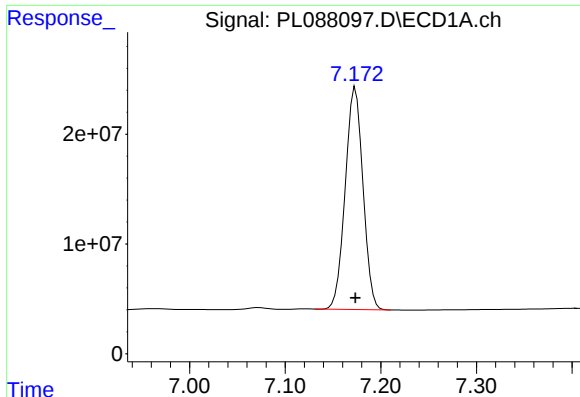
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 1959205
Conc: 0.76 ng/ml m



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1462339
Conc: 1.07 ng/ml m



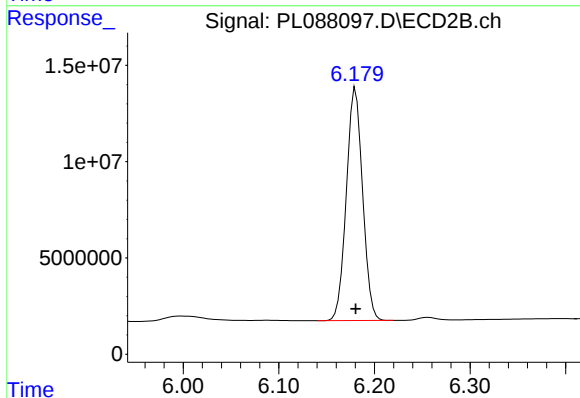
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 262484851
Conc: 99.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

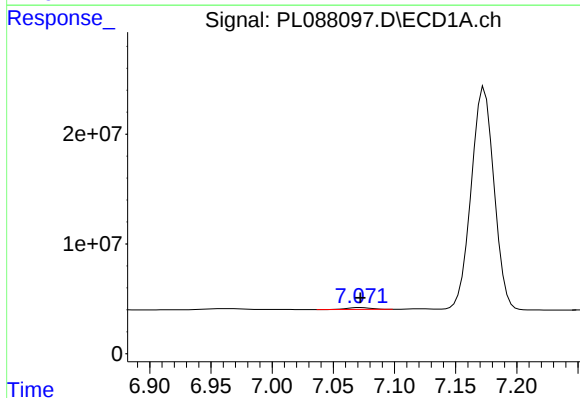
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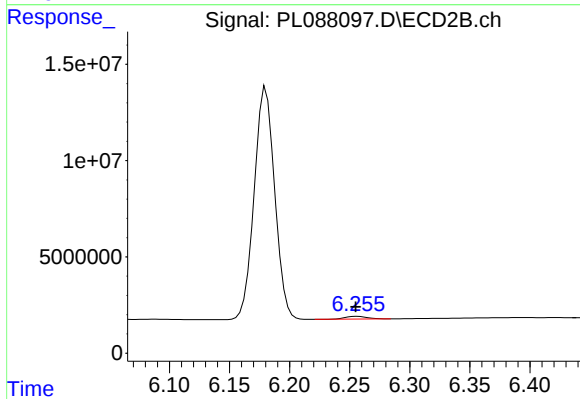
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 143493254
Conc: 105.11 ng/ml



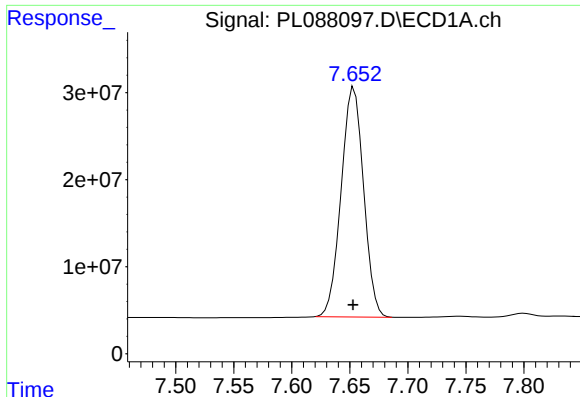
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 2355658
Conc: 1.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.002 min
Response: 1799103
Conc: 1.65 ng/ml



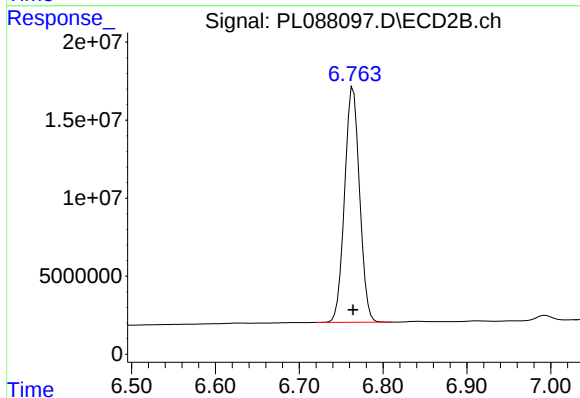
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.001 min
Response: 355222578
Conc: 268.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

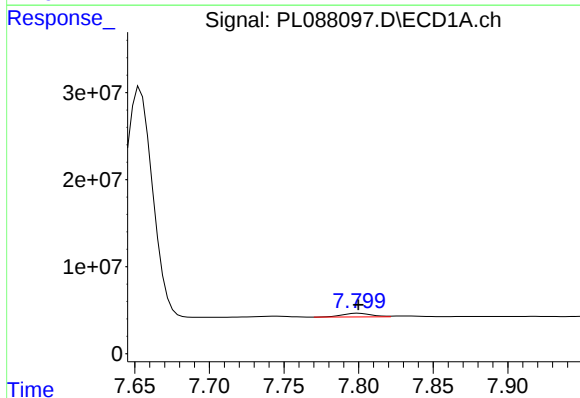
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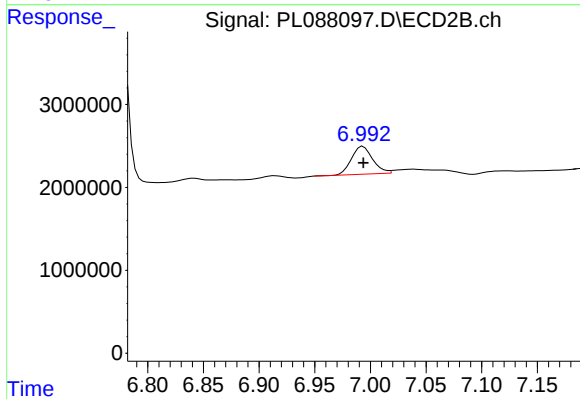
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 187974907
Conc: 239.84 ng/ml



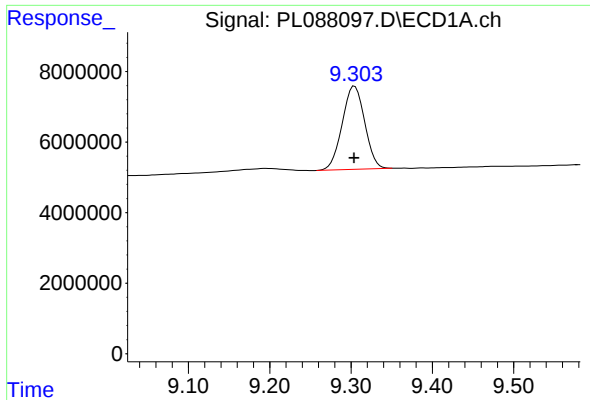
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 5701524
Conc: 2.04 ng/ml



#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 4435524
Conc: 2.65 ng/ml



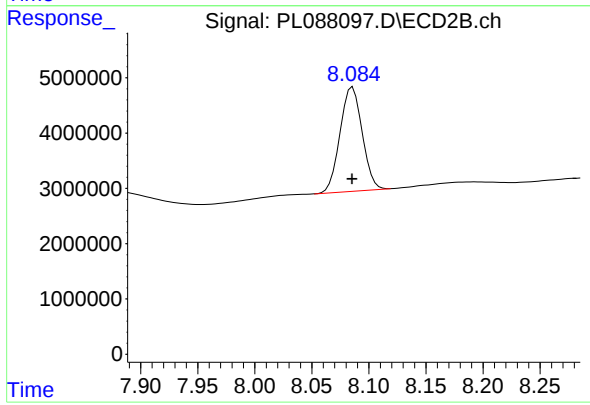
#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 45354773
Conc: 23.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 25495747
Conc: 20.02 ng/ml