

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2023
 Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 21:00:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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...	3.353	2.689	41721048	39972783	19.452	18.199
28)	SA Decachlor...	8.789	7.836	33138878	40333594	18.928	16.929
Target Compounds							
2)	A alpha-BHC	3.800	3.189	27976851	25279919	8.831	7.949
3)	MA gamma-BHC...	4.129	3.518	27192676	24499714	9.250	8.201
6)	B beta-BHC	4.325	3.814	13556446	12990657	9.931	9.734
12)	B 4,4'-DDE	5.987	5.148	318476	344447	0.143	0.146
14)	MA Endrin	6.360	5.550	82931230	88575021	38.346	38.160
16)	A 4,4'-DDD	6.502	5.701	6492919	6123158	3.544	3.258
17)	MA 4,4'-DDT	6.815	5.954	164.0E6	177.1E6	78.949	84.295
18)	B Endrin al...	6.706	6.023	3432606	4110064	2.064m	2.251m
20)	A Methoxychlor	7.293	6.531	218.3E6	233.4E6	197.836	192.381
21)	B Endrin ke...	7.421	6.750	8276695	9853854	3.751	3.859

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

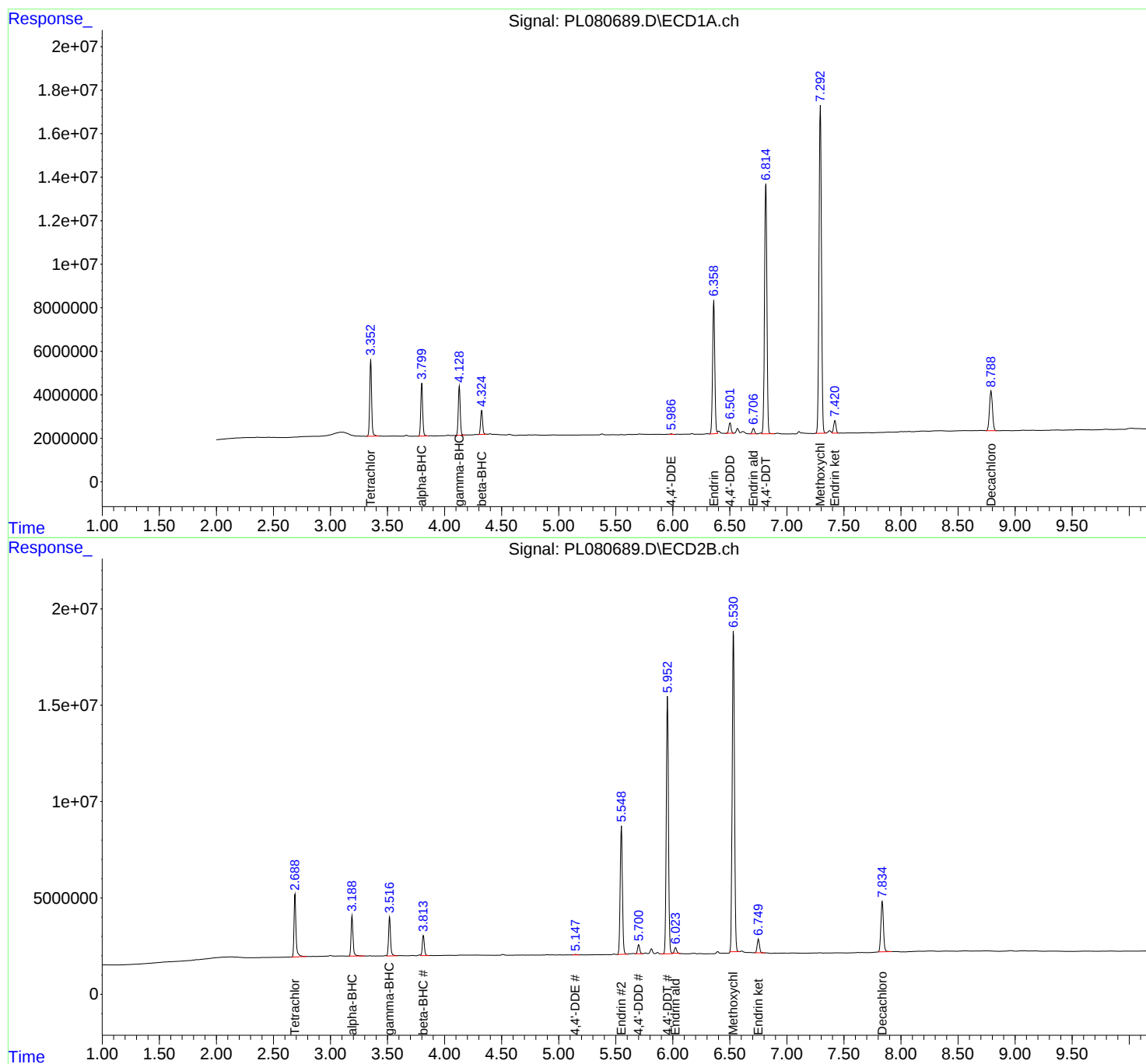
Instrument :
ECD_L
ClientSampleId :
PEM

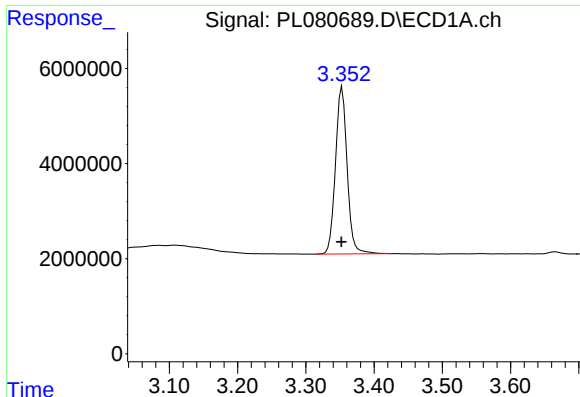
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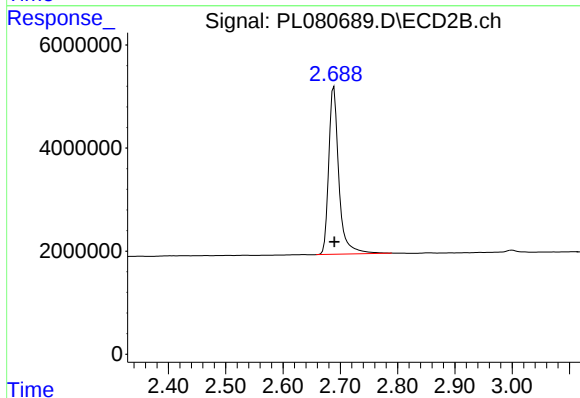
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 41721048
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

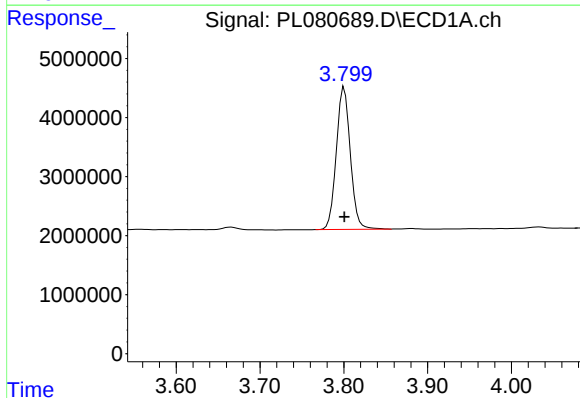
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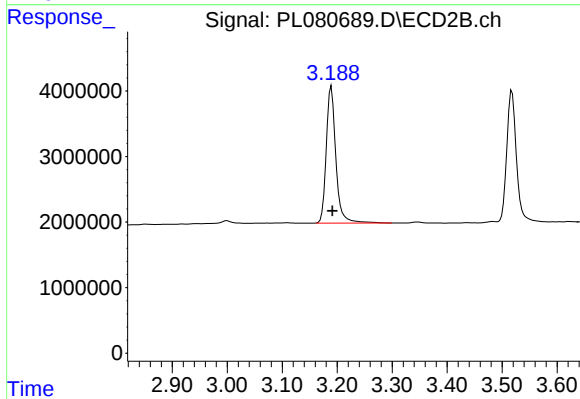
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 39972783
Conc: 18.20 ng/ml



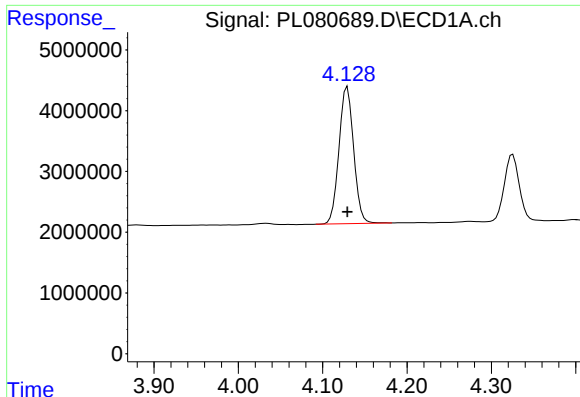
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 27976851
Conc: 8.83 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 25279919
Conc: 7.95 ng/ml



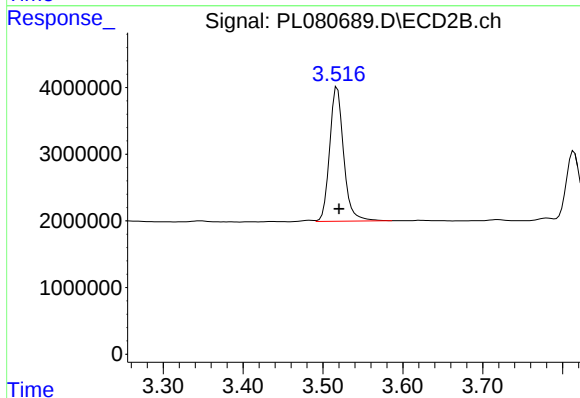
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 27192676
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

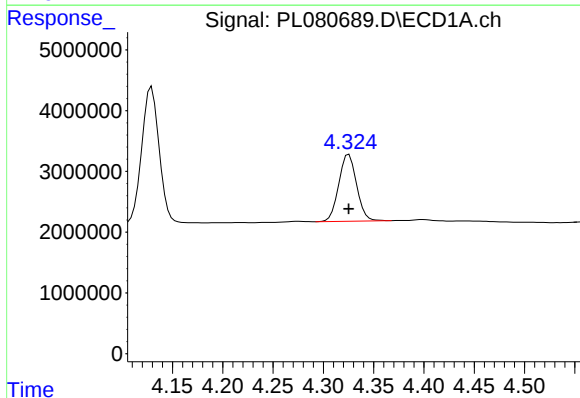
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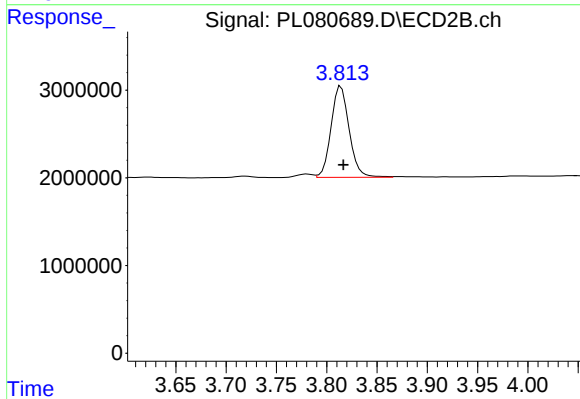
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 24499714
Conc: 8.20 ng/ml



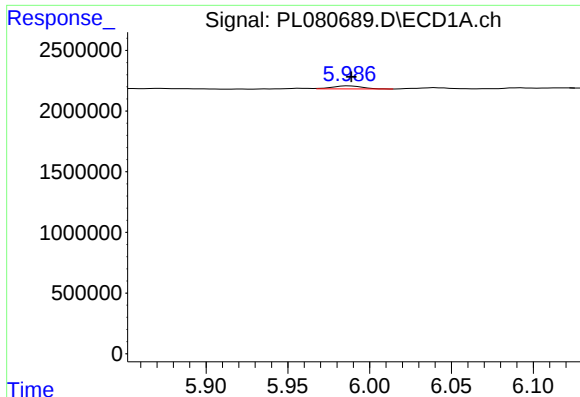
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 13556446
Conc: 9.93 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 12990657
Conc: 9.73 ng/ml



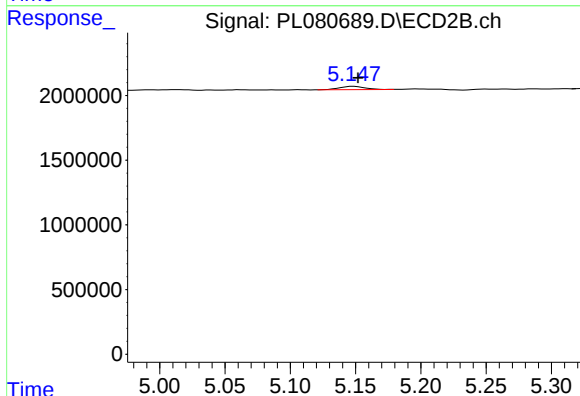
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 318476
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

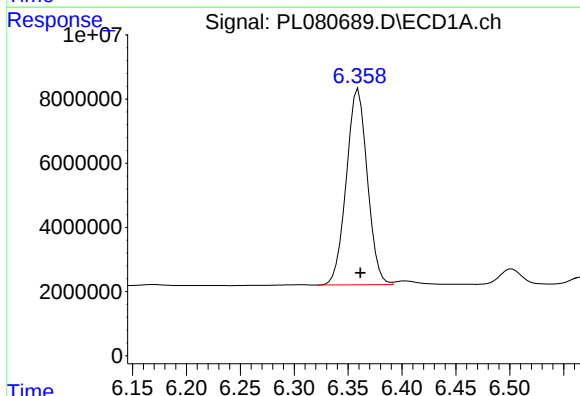
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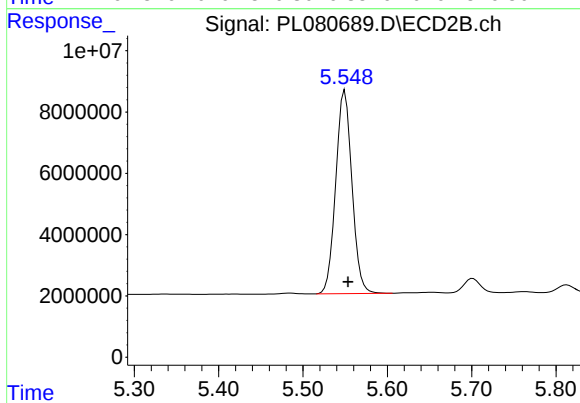
#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 344447
Conc: 0.15 ng/ml



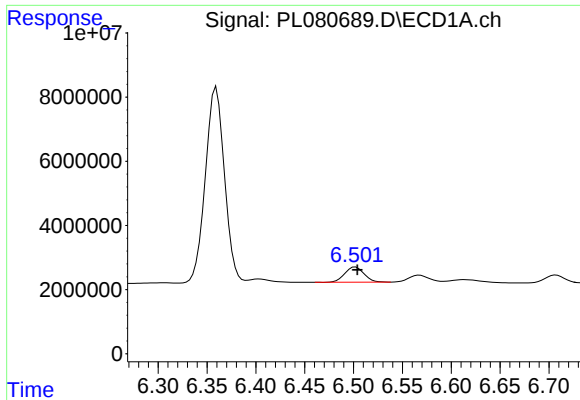
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 82931230
Conc: 38.35 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 88575021
Conc: 38.16 ng/ml



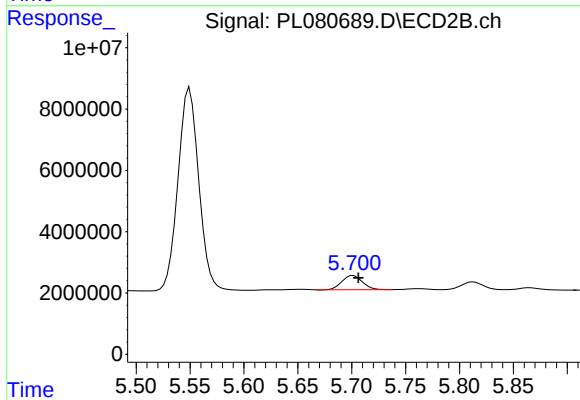
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 6492919
Conc: 3.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

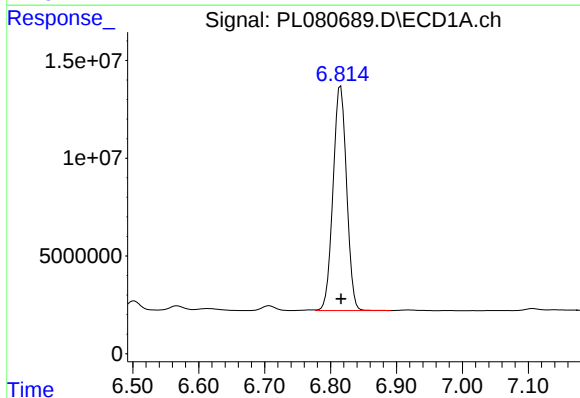
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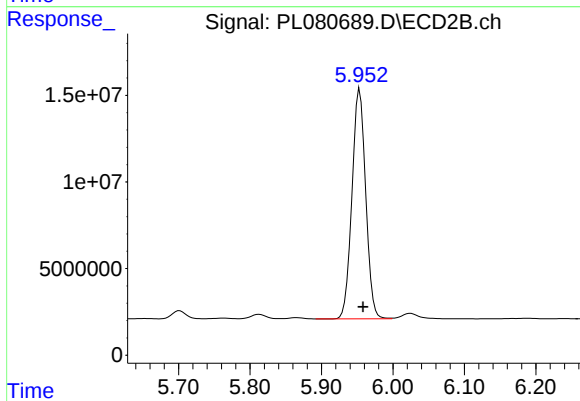
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 6123158
Conc: 3.26 ng/ml



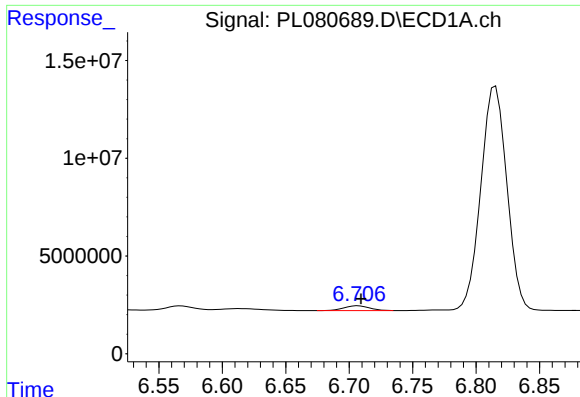
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 164030443
Conc: 78.95 ng/ml



#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 177145209
Conc: 84.30 ng/ml



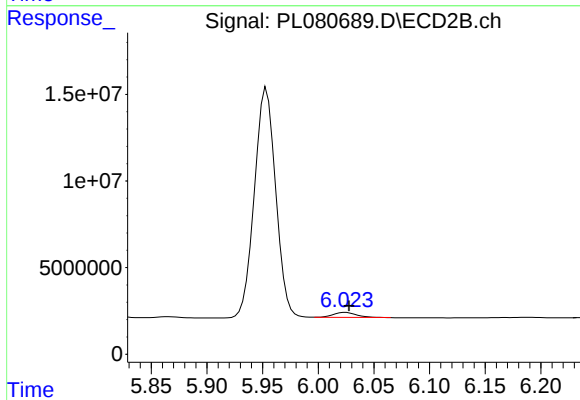
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 3432606
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

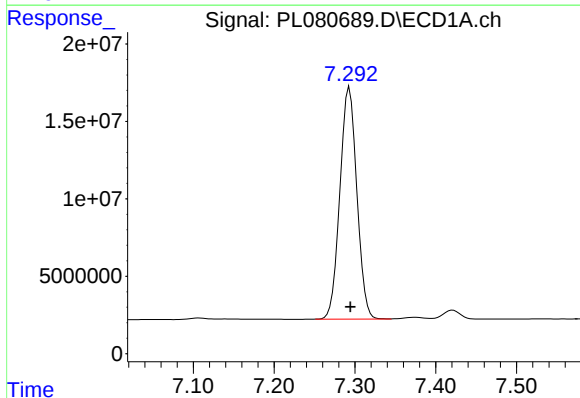
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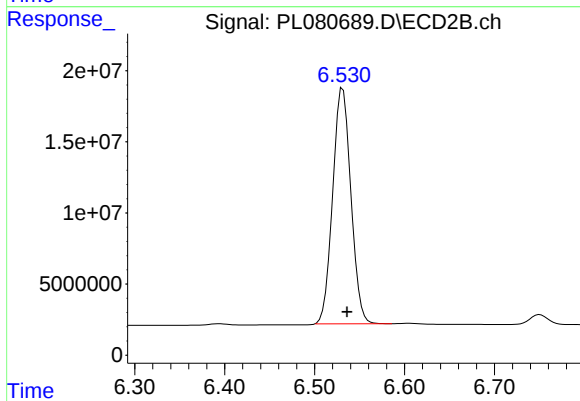
#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 4110064
Conc: 2.25 ng/ml m



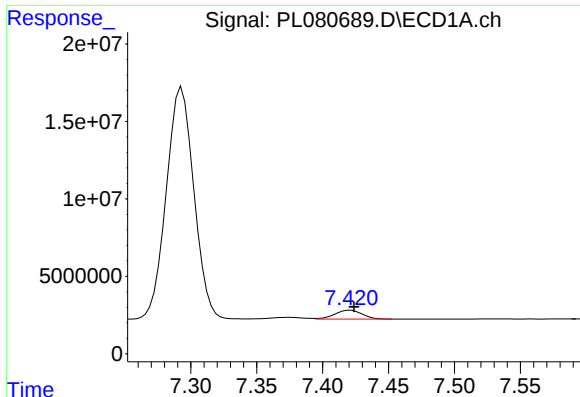
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 218269748
Conc: 197.84 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 233448113
Conc: 192.38 ng/ml



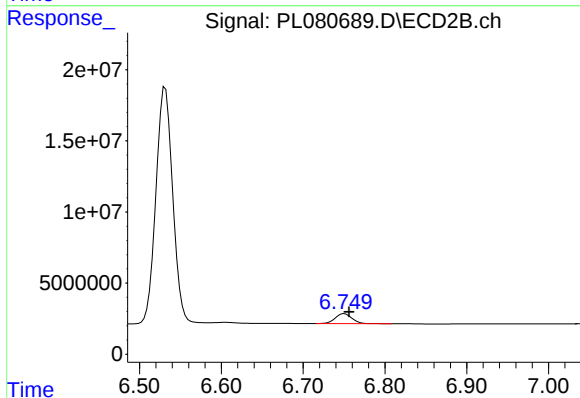
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 8276695
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

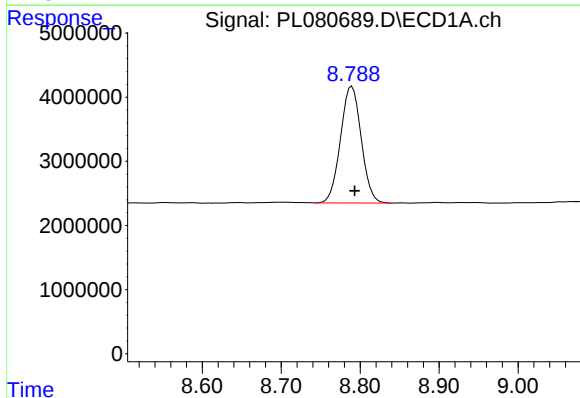
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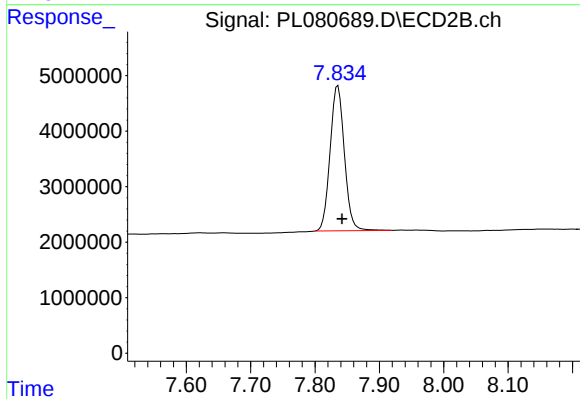
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 9853854
Conc: 3.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 33138878
Conc: 18.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 40333594
Conc: 16.93 ng/ml