

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 17:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/01/2023
 Supervised By : Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 20:52:34 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...	3.351	2.688	38974089	40491063	18.171	18.435
28)	SA Decachlor...	8.787	7.834	33213618	42829439	18.971	17.976
Target Compounds							
2)	A alpha-BHC	3.798	3.189	26159696	26860545	8.257	8.446
3)	MA gamma-BHC...	4.127	3.518	25618238	25208922	8.714	8.439
6)	B beta-BHC	4.323	3.813	12705563	12896019	9.308	9.663
14)	MA Endrin	6.356	5.548	84416736	95484687	39.033	41.137
16)	A 4,4'-DDD	6.499	5.701	3861921	3504685	2.108	1.865
17)	MA 4,4'-DDT	6.812	5.952	166.1E6	190.9E6	79.955	90.829
18)	B Endrin al...	6.703	6.023	2536562	4463088	1.525m	2.444 #
20)	A Methoxychlor	7.290	6.530	222.0E6	251.2E6	201.225	206.993
21)	B Endrin ke...	7.418	6.749	6201902	7767943	2.811	3.042

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

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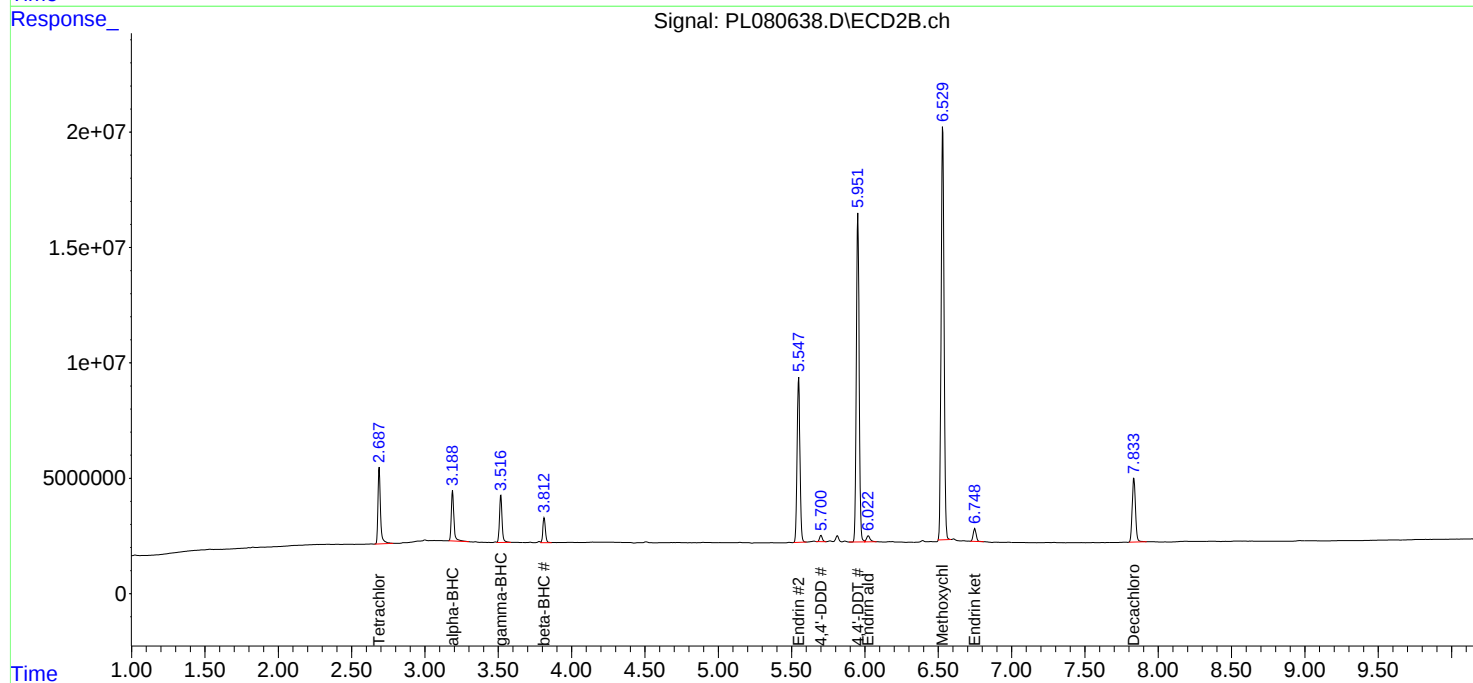
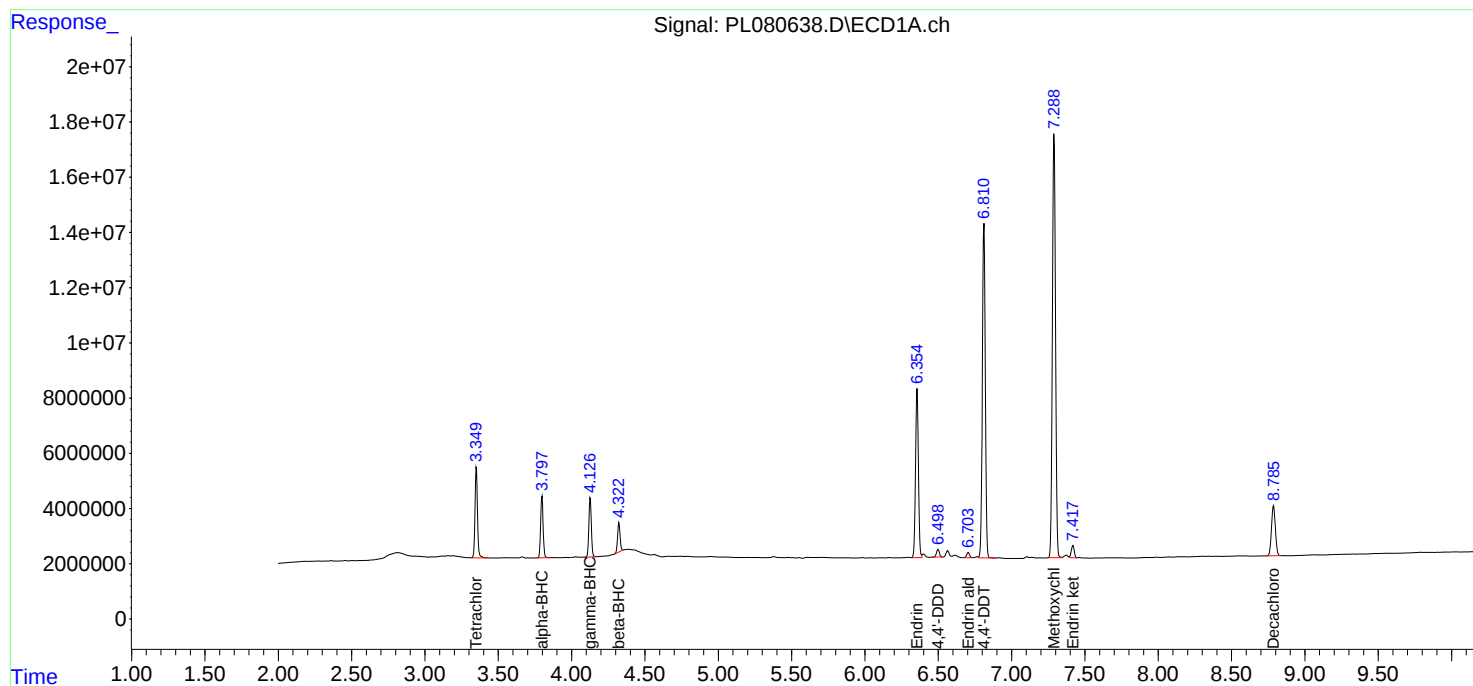
Instrument :
ECD_L
ClientSampleId :
PEM

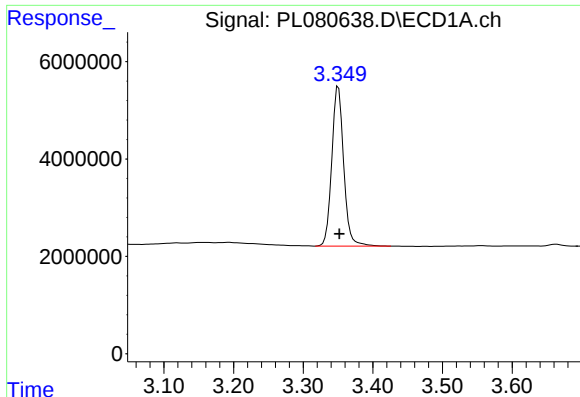
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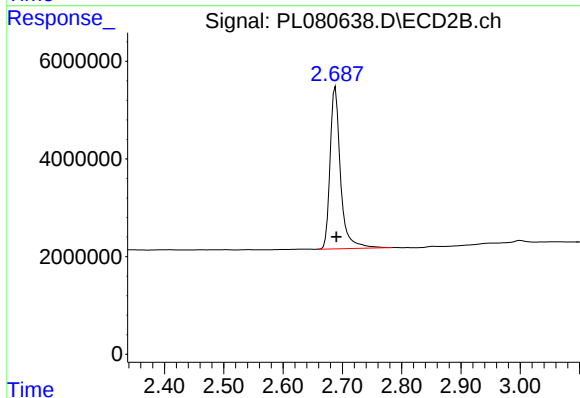
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 38974089
Conc: 18.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

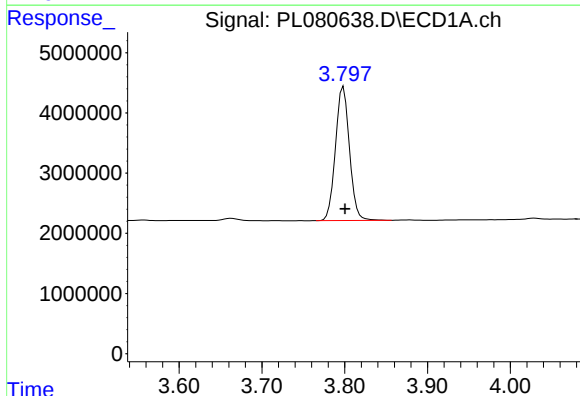
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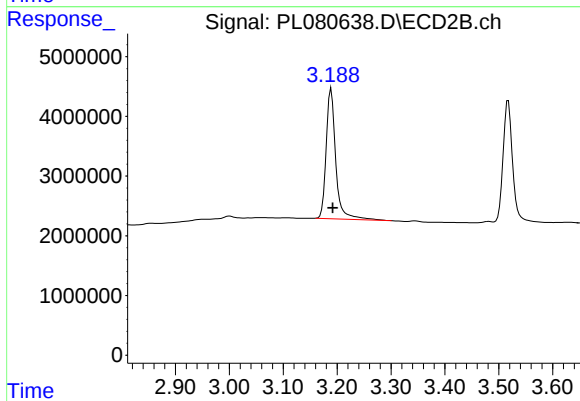
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 40491063
Conc: 18.43 ng/ml



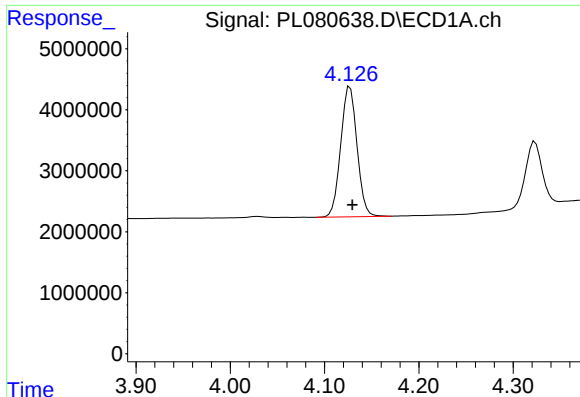
#2 alpha-BHC

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 26159696
Conc: 8.26 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 26860545
Conc: 8.45 ng/ml



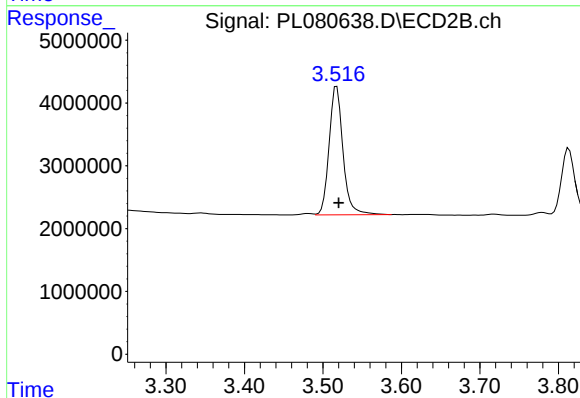
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 25618238
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

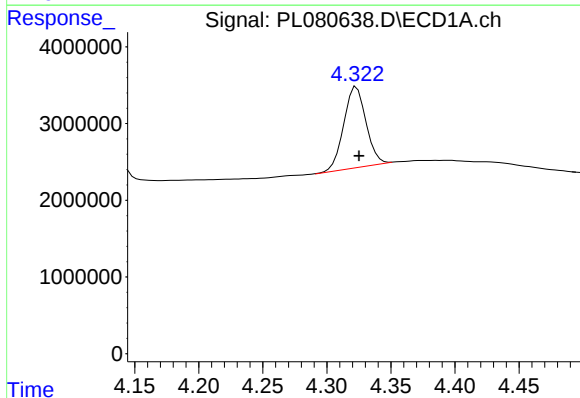
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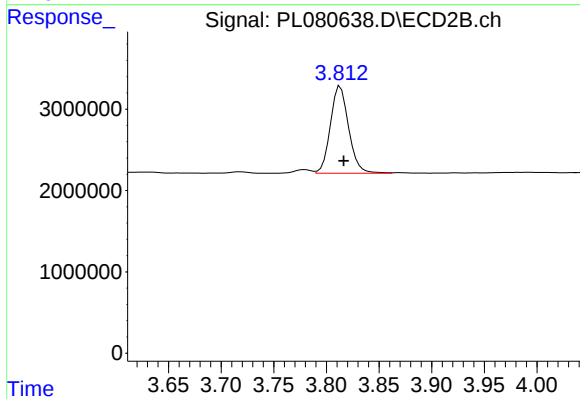
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 25208922
Conc: 8.44 ng/ml



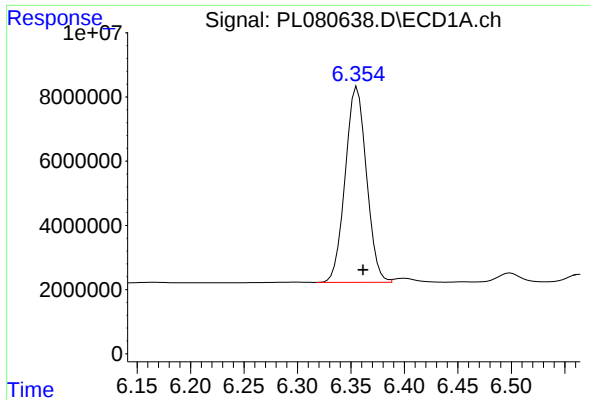
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 12705563
Conc: 9.31 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 12896019
Conc: 9.66 ng/ml



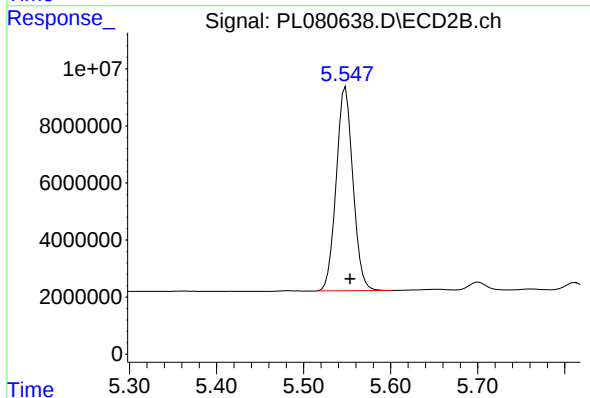
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 84416736
Conc: 39.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

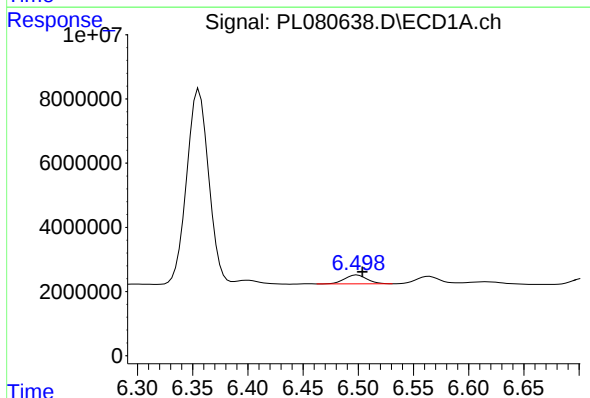
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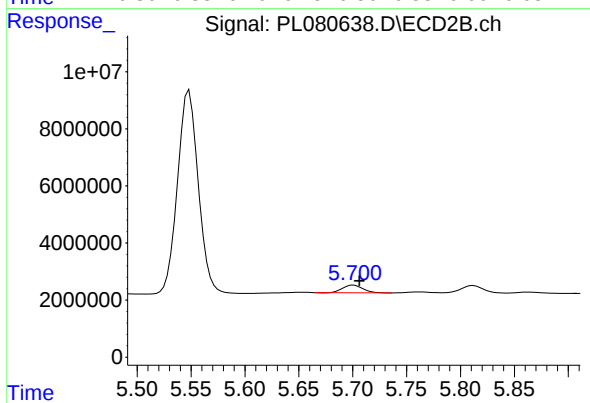
#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 95484687
Conc: 41.14 ng/ml



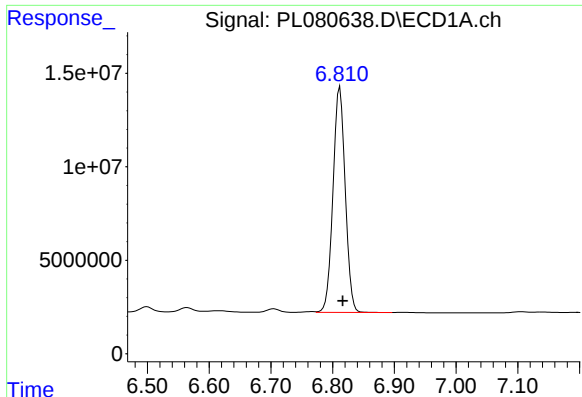
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 3861921
Conc: 2.11 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 3504685
Conc: 1.86 ng/ml



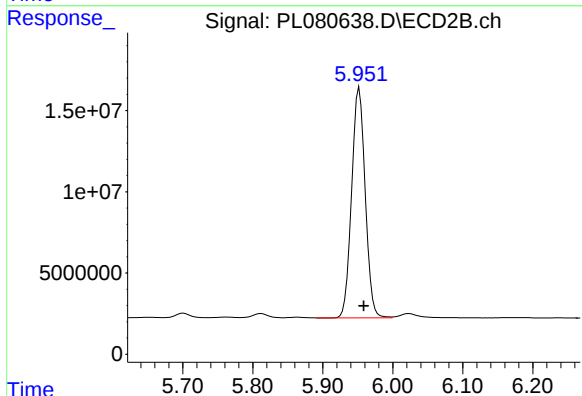
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 166119405
Conc: 79.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

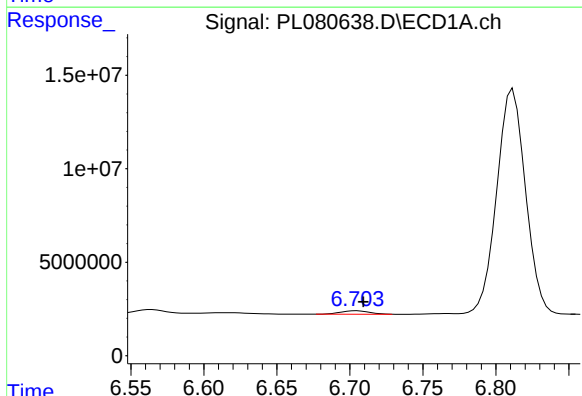
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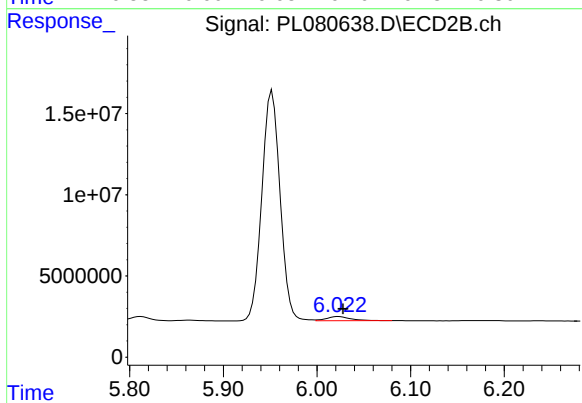
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 190876787
Conc: 90.83 ng/ml



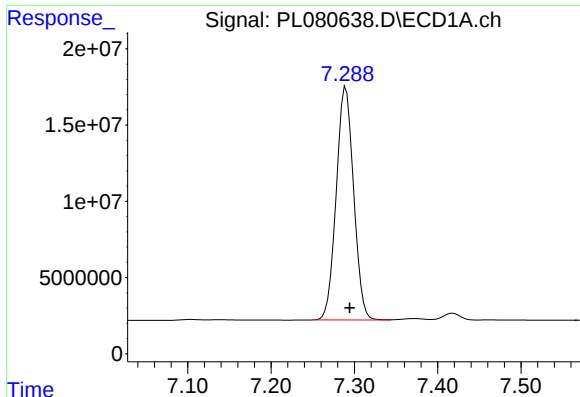
#18 Endrin aldehyde

R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 2536562
Conc: 1.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 4463088
Conc: 2.44 ng/ml



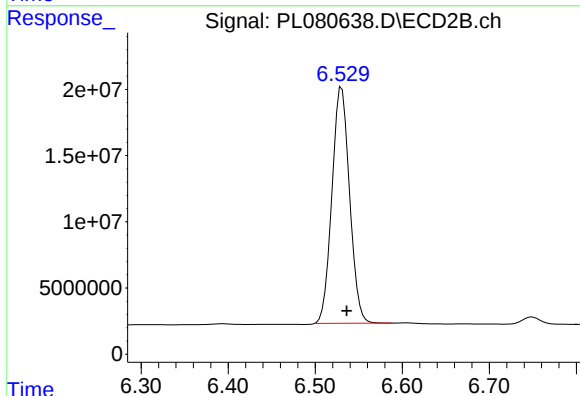
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 222009084
Conc: 201.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

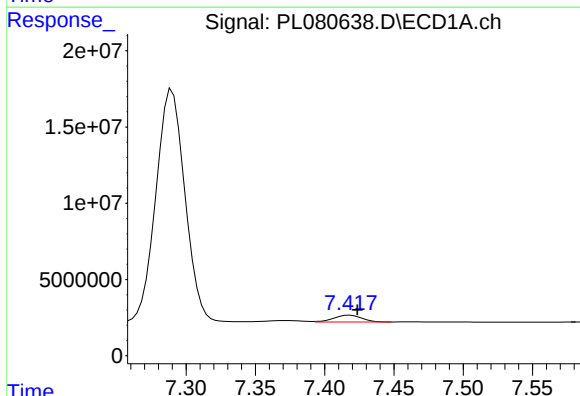
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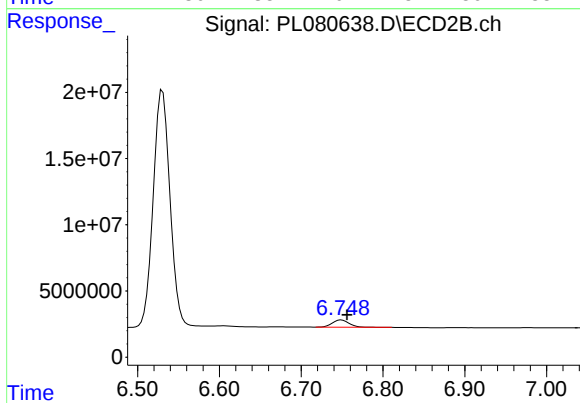
#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 251178176
Conc: 206.99 ng/ml



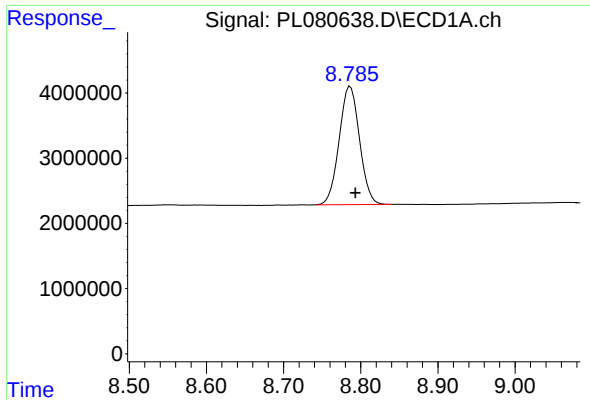
#21 Endrin ketone

R.T.: 7.418 min
Delta R.T.: -0.005 min
Response: 6201902
Conc: 2.81 ng/ml



#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 7767943
Conc: 3.04 ng/ml



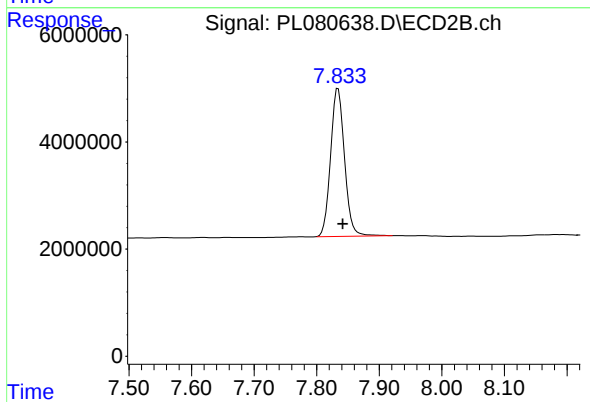
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.007 min
Response: 33213618
Conc: 18.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 42829439
Conc: 17.98 ng/ml