

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122722\
 Data File : PL079896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2022 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 21:05:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 19:58:15 2022
 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...	3.319	2.568	38260648	54789279	16.317	19.338
28)	SA Decachlor...	8.767	7.633	33820008	42622418	17.208	18.681
Target Compounds							
2)	A alpha-BHC	3.779	3.054	26217993	41909274	7.265	9.332 #
3)	MA gamma-BHC...	4.113	3.375	25351515	37901010	7.477	9.494 #
6)	B beta-BHC	4.328	3.676	11808565	17570972	8.083	11.370 #
12)	B 4,4'-DDE	5.972	4.976	321719	402436	0.125	0.126
14)	MA Endrin	6.347	5.364	93631761	125.6E6	36.810	42.433
16)	A 4,4'-DDD	6.496	5.524	2262868	2249038	1.075	0.869m
17)	MA 4,4'-DDT	6.804	5.770	190.2E6	222.0E6	80.746	82.891
18)	B Endrin al...	6.708	5.840	2145771	4897450	1.141	2.240 #
20)	A Methoxychlor	7.290	6.347	237.6E6	251.1E6	196.187	180.211
21)	B Endrin ke...	7.427	6.557	3953767	7805405	1.566	2.499 #

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

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Acq On : 27 Dec 2022 09:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

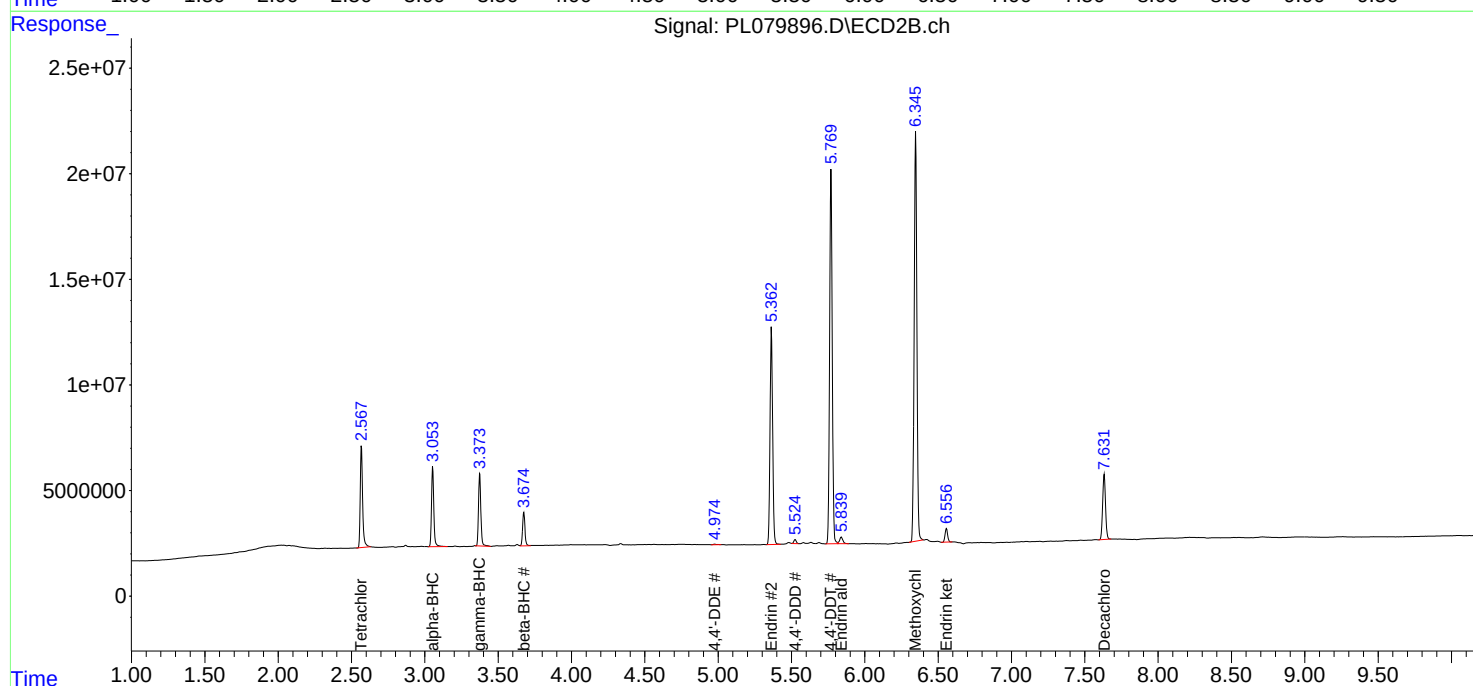
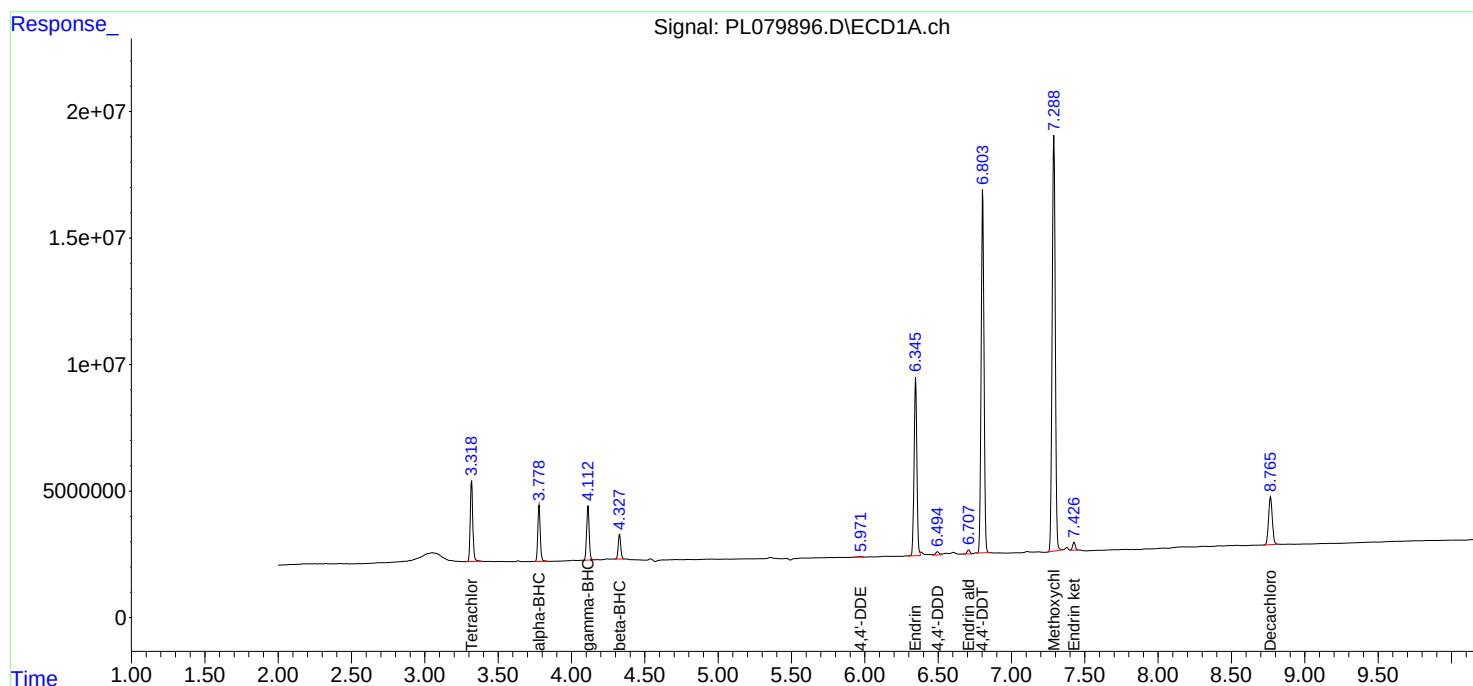
Instrument :
ECD_L
ClientSampleId :
PEM

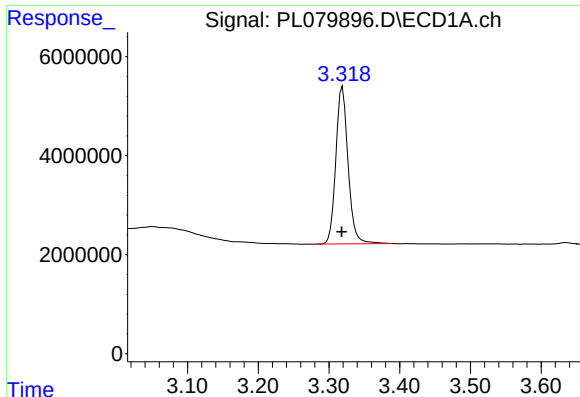
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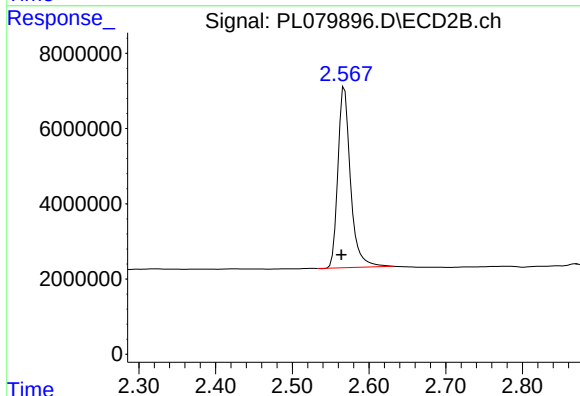
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: 0.001 min
Response: 38260648
Conc: 16.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

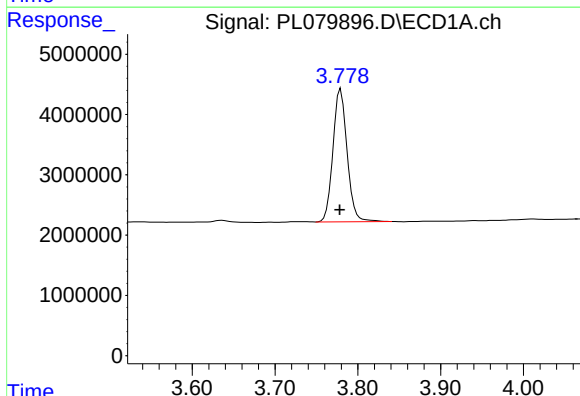
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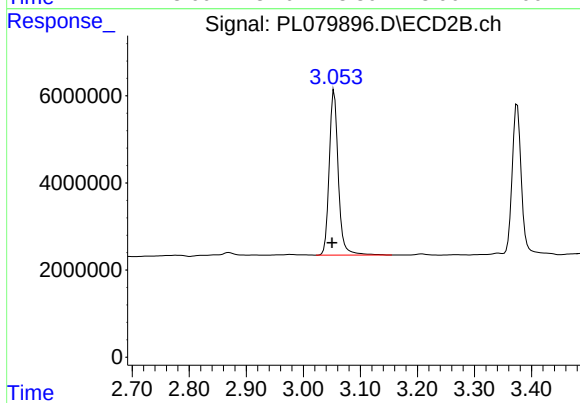
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: 0.004 min
Response: 54789279
Conc: 19.34 ng/ml



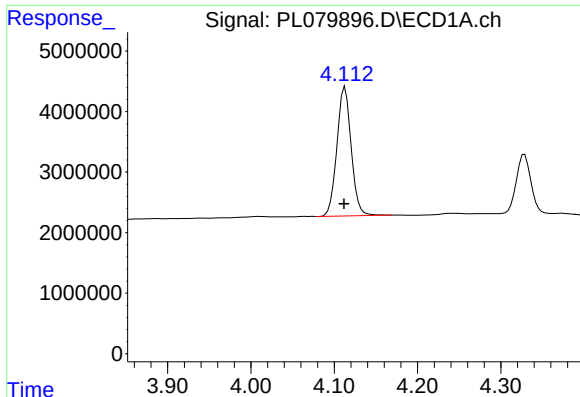
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.001 min
Response: 26217993
Conc: 7.27 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: 0.004 min
Response: 41909274
Conc: 9.33 ng/ml



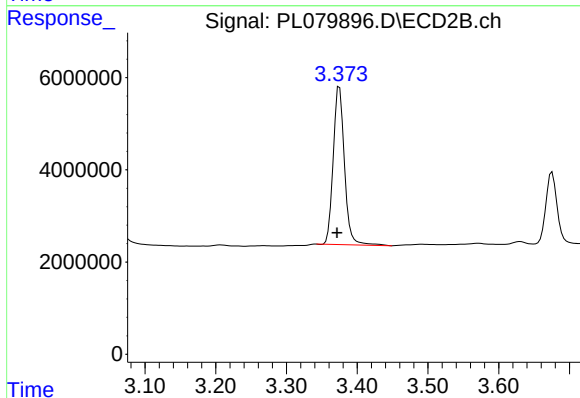
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: 0.001 min
Response: 25351515
Conc: 7.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

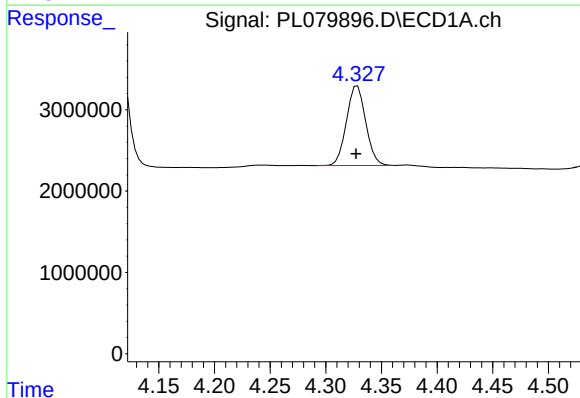
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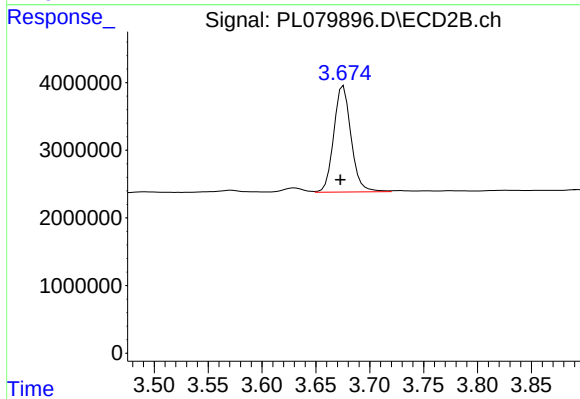
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: 0.003 min
Response: 37901010
Conc: 9.49 ng/ml



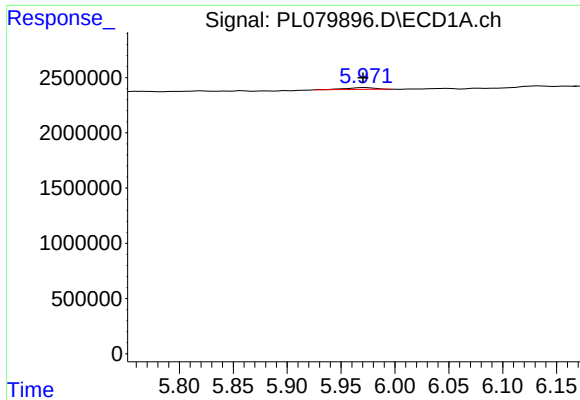
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 11808565
Conc: 8.08 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: 0.003 min
Response: 17570972
Conc: 11.37 ng/ml



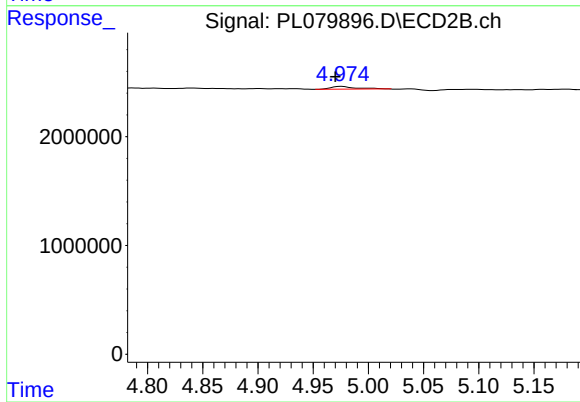
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 321719
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

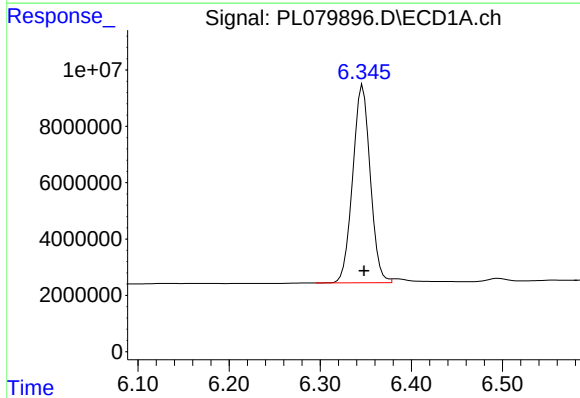
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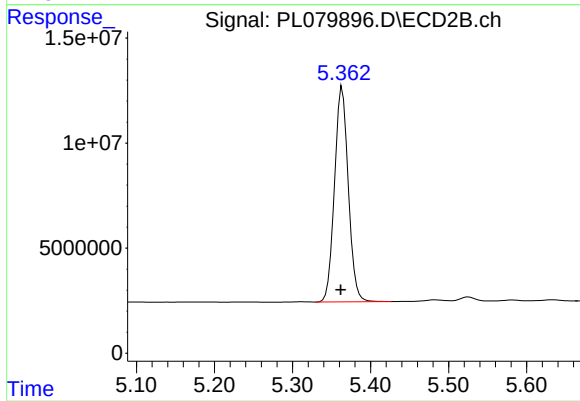
#12 4,4'-DDE

R.T.: 4.976 min
Delta R.T.: 0.005 min
Response: 402436
Conc: 0.13 ng/ml



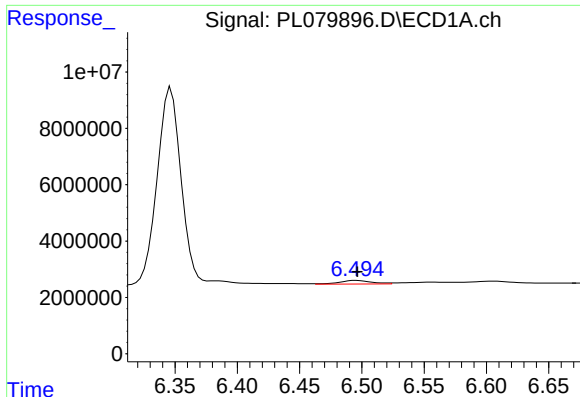
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 93631761
Conc: 36.81 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: 0.002 min
Response: 125599213
Conc: 42.43 ng/ml



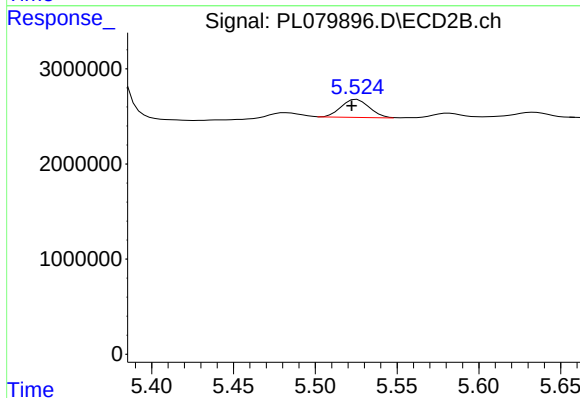
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 2262868
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

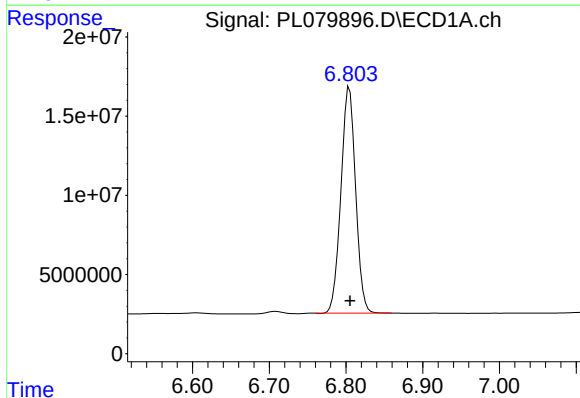
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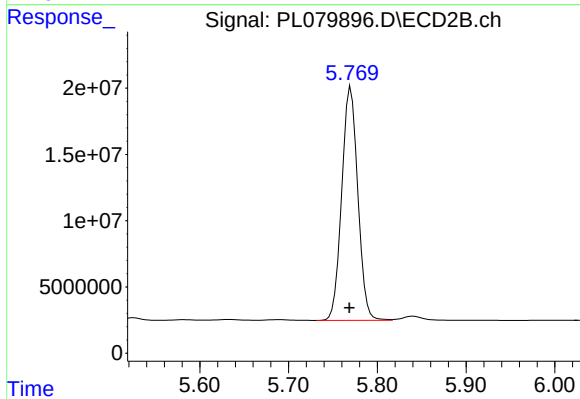
#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 2249038
Conc: 0.87 ng/ml m



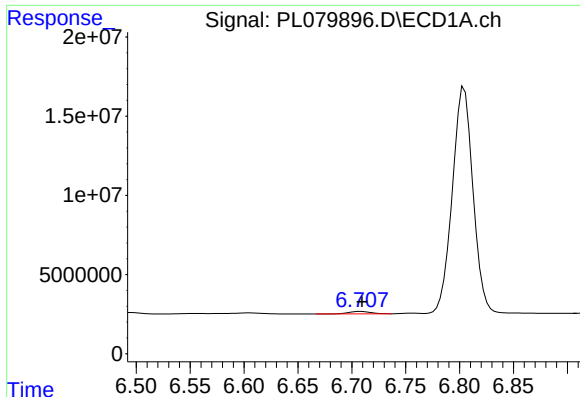
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 190218268
Conc: 80.75 ng/ml



#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: 0.002 min
Response: 221957855
Conc: 82.89 ng/ml



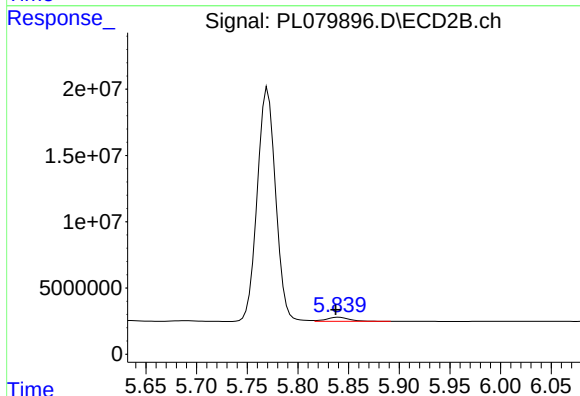
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 2145771
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

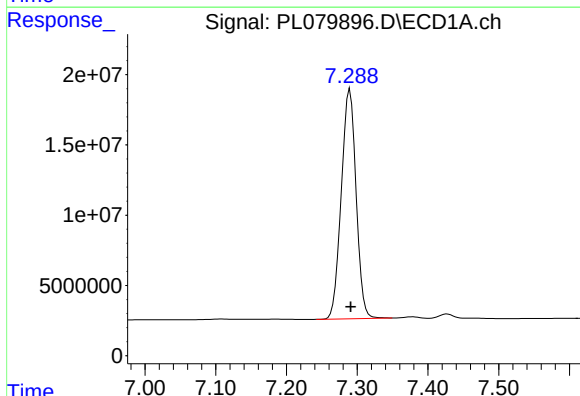
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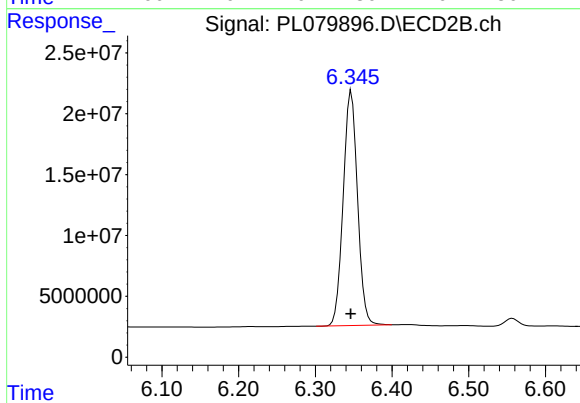
#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.003 min
Response: 4897450
Conc: 2.24 ng/ml



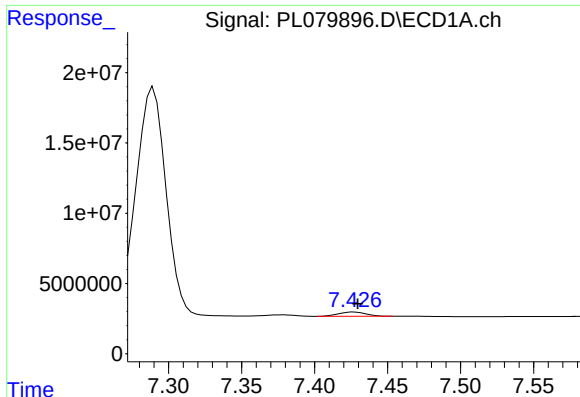
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 237604825
Conc: 196.19 ng/ml



#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 251051091
Conc: 180.21 ng/ml



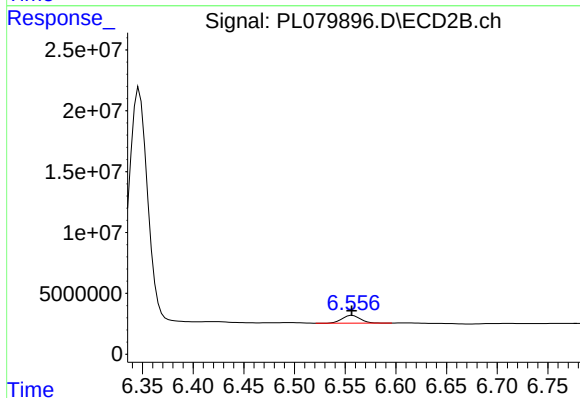
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.003 min
Response: 3953767
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

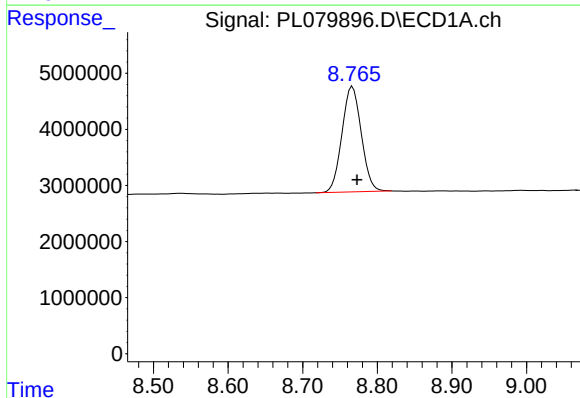
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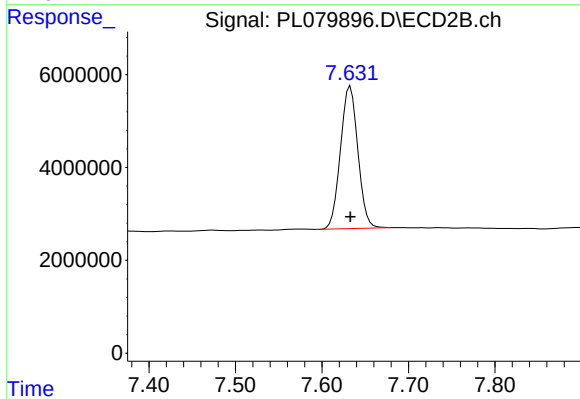
#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 7805405
Conc: 2.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 33820008
Conc: 17.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 42622418
Conc: 18.68 ng/ml