

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
 Data File : FD047623.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2024 20:14
 Operator : YP/AJ
 Sample : P2322-03MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DEMAREST-MS

Integration File: autoint1.e
 Quant Time: May 03 01:57:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.462	6719976	42.849 ug/ml
Spiked Amount 50.000		Recovery =	85.70%
6) S 2-Fluorobiphenyl (SURR)	8.315	4110235	39.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.59%
11) S ortho-Terphenyl (SURR)	11.355	6229558	33.218 ug/ml
Spiked Amount 50.000		Recovery =	66.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	4339294	26.839 ug/ml
2) T Naphthalene (C11.7)	5.799	5077049	30.005 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	5375647	31.558 ug/ml
5) T Acenaphthylene (C15.06)	8.118	5845958	35.846 ug/ml
7) T Acenaphthene (C15.5)	8.414	5734284	34.113 ug/ml
8) T Flouorene (C16.55)	9.193	5999286	36.066 ug/ml
9) T Phenanthrene (C19.36)	10.583	6165245	37.658 ug/ml
10) T Anthracene (C19.43)	10.658	6089117	40.652 ug/ml
12) T Fluoranthene (C21.85)	12.390	6252370	37.680 ug/ml
13) T Pyrene (C20.8)	12.685	6324289	38.868 ug/ml
14) T Benzo[a]anthracene (C...	14.554	5915322	40.523 ug/ml
15) T Chrysene (C27.41)	14.597	5909018	37.497 ug/ml
16) T benzo[b]fluoranthene ...	16.100	5733038	38.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	5736877	38.106 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	5567963	38.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	5673686	41.805 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	5398299	37.704 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	5182617	37.747 ug/ml

(f)=RT Delta > 1/2 Window

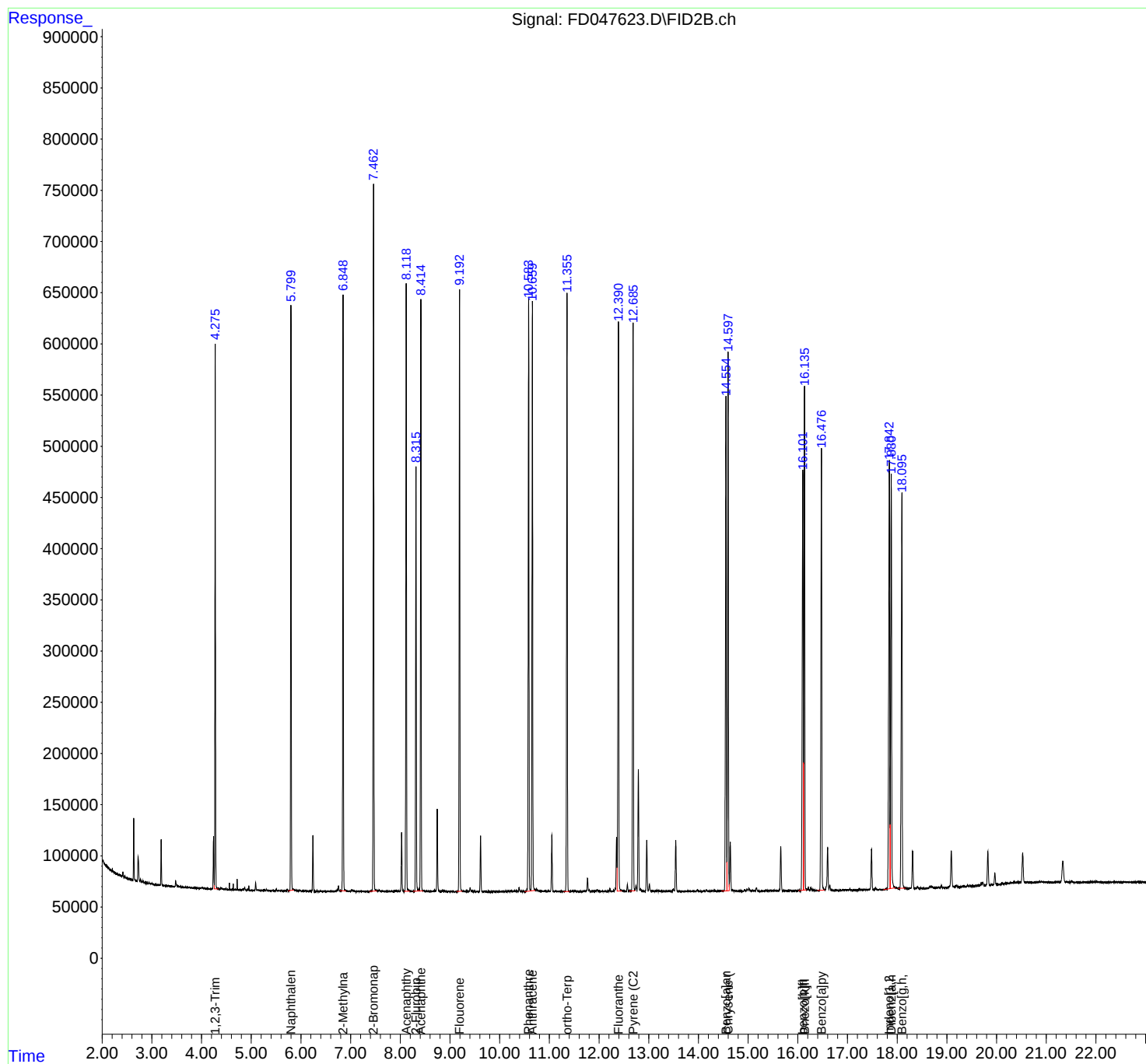
(m)=manual int.

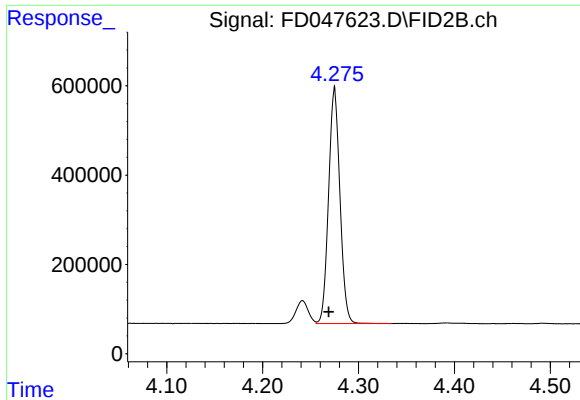
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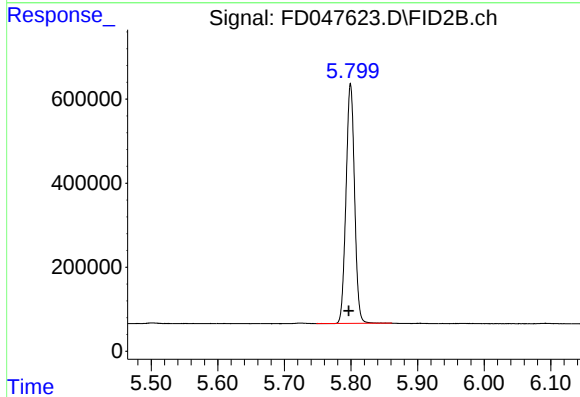




#1 1,2,3-Trimethylbenzene (C10.1)

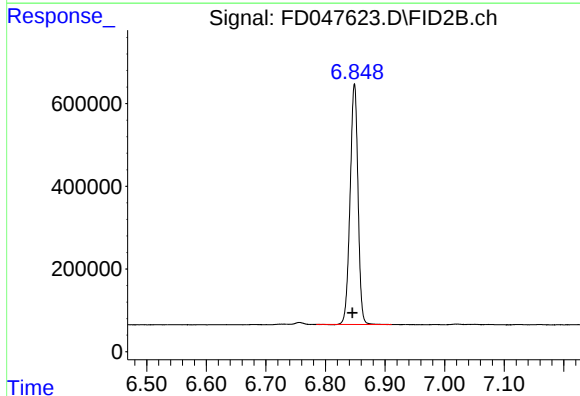
R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 4339294
Conc: 26.84 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



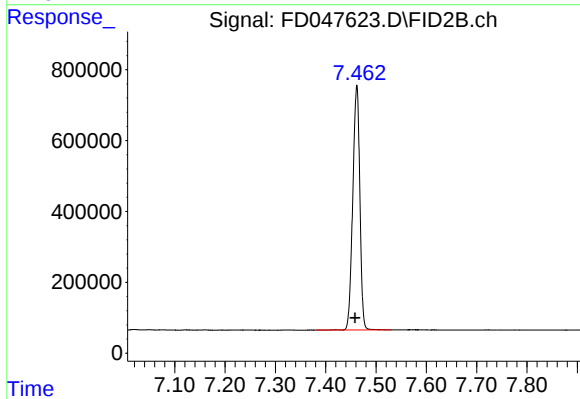
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 5077049
Conc: 30.01 ug/ml



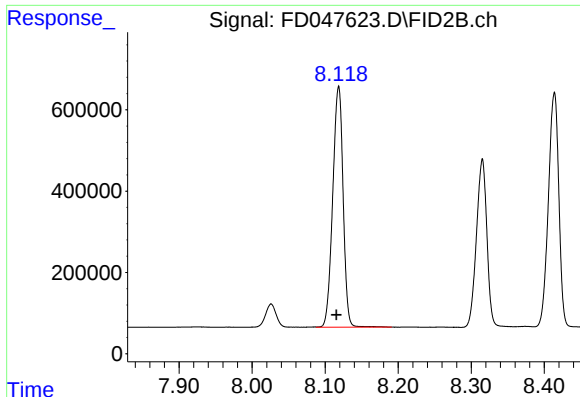
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 5375647
Conc: 31.56 ug/ml



#4 2-Bromonaphthalene (SURR)

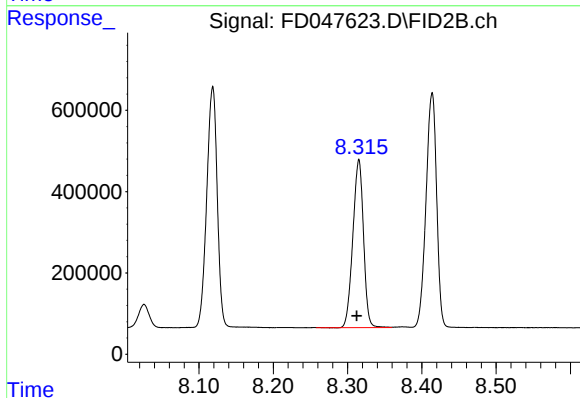
R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 6719976
Conc: 42.85 ug/ml



#5 Acenaphthylene (C15.06)

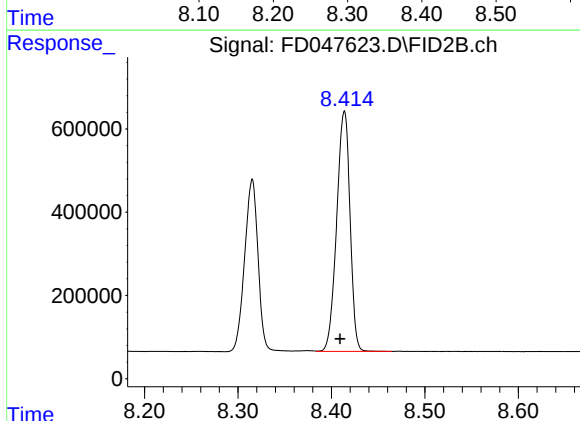
R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 5845958
Conc: 35.85 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



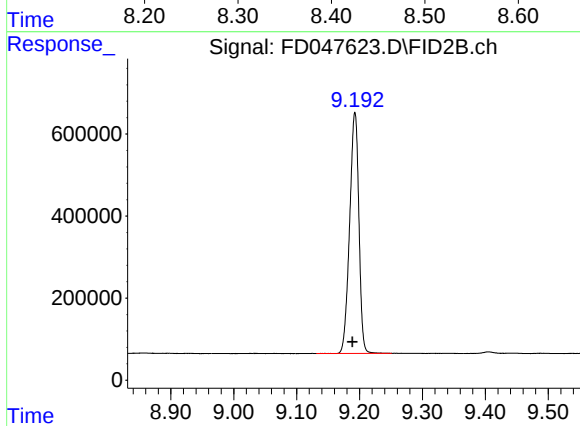
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 4110235
Conc: 39.29 ug/ml



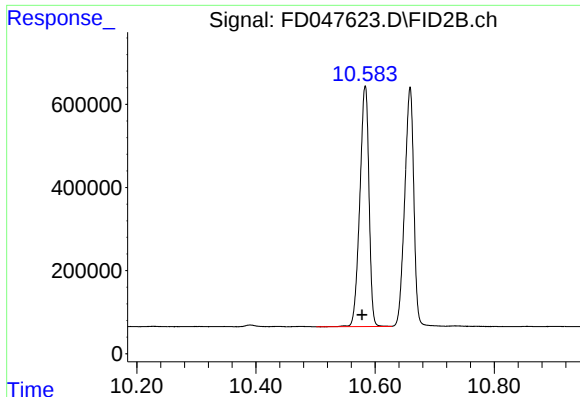
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 5734284
Conc: 34.11 ug/ml



#8 Flouorene (C16.55)

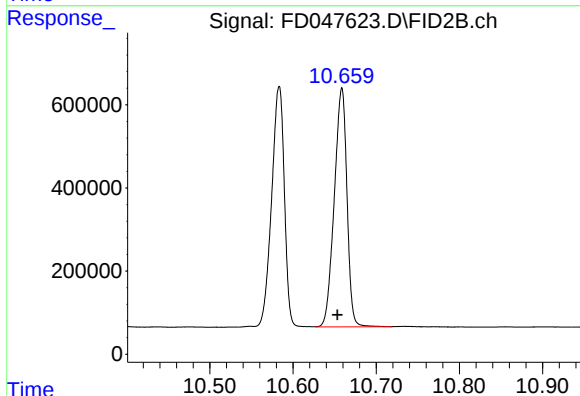
R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 5999286
Conc: 36.07 ug/ml



#9 Phenanthrene (C19.36)

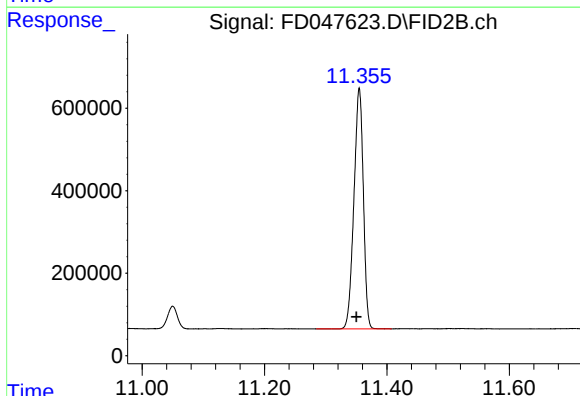
R.T.: 10.583 min
Delta R.T.: 0.005 min
Response: 6165245
Conc: 37.66 ug/ml

Instrument :
FID_D
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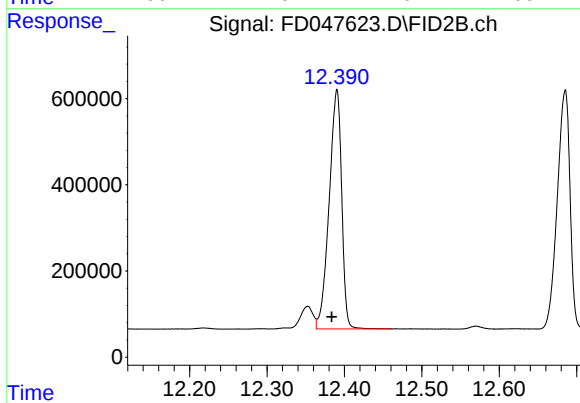
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.005 min
Response: 6089117
Conc: 40.65 ug/ml



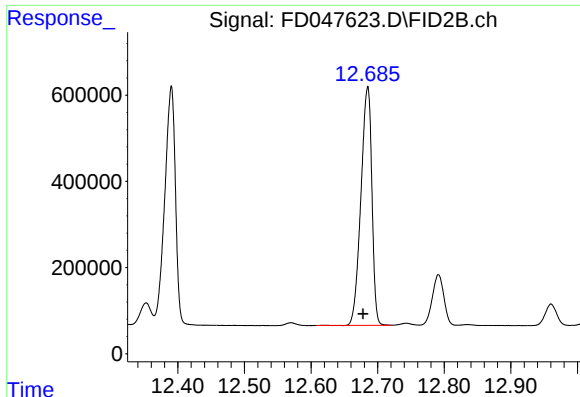
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 6229558
Conc: 33.22 ug/ml



#12 Fluoranthene (C21.85)

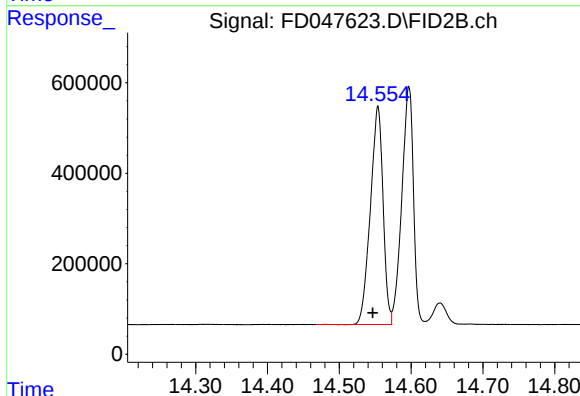
R.T.: 12.390 min
Delta R.T.: 0.006 min
Response: 6252370
Conc: 37.68 ug/ml



#13 Pyrene (C20.8)

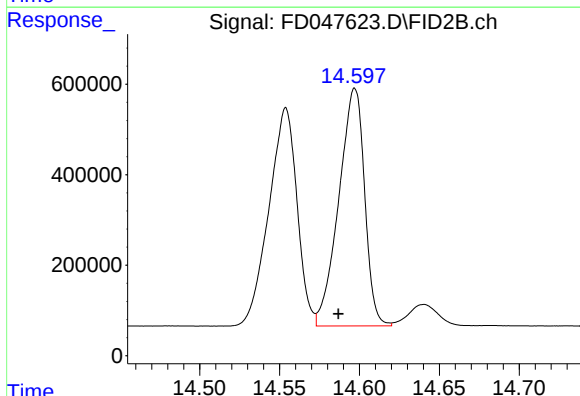
R.T.: 12.685 min
Delta R.T.: 0.006 min
Response: 6324289
Conc: 38.87 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



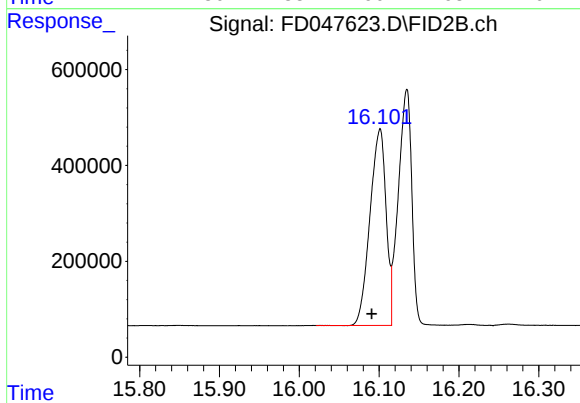
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.007 min
Response: 5915322
Conc: 40.52 ug/ml



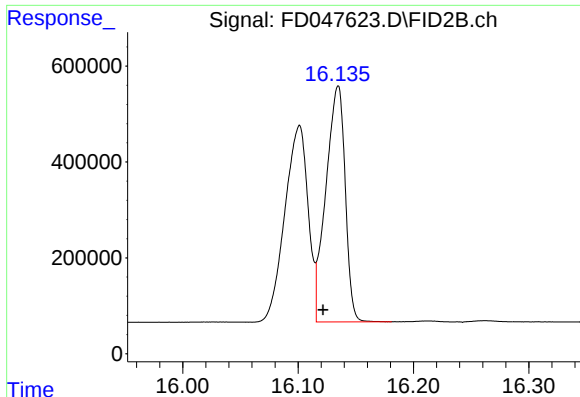
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.010 min
Response: 5909018
Conc: 37.50 ug/ml



#16 benzo[b]fluoranthene (C30.41)

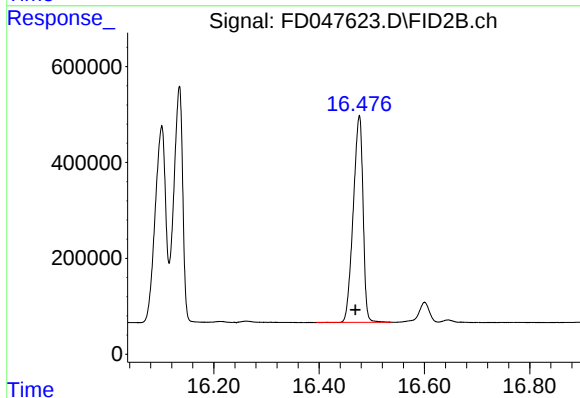
R.T.: 16.100 min
Delta R.T.: 0.010 min
Response: 5733038
Conc: 38.38 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

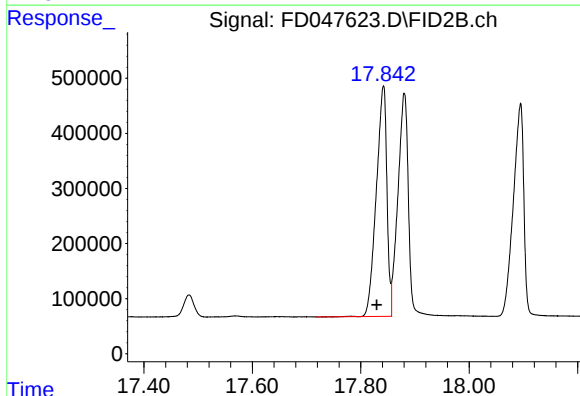
R.T.: 16.134 min
Delta R.T.: 0.012 min
Response: 5736877
Conc: 38.11 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



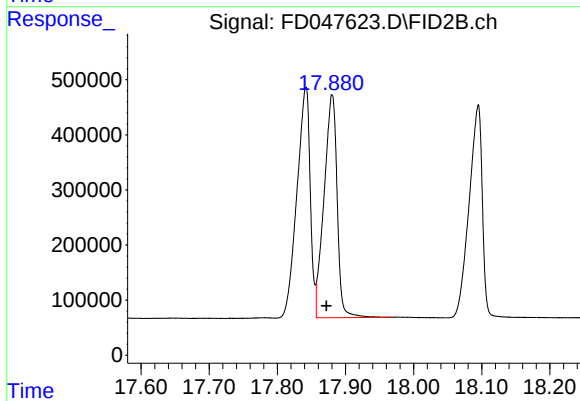
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.007 min
Response: 5567963
Conc: 38.59 ug/ml



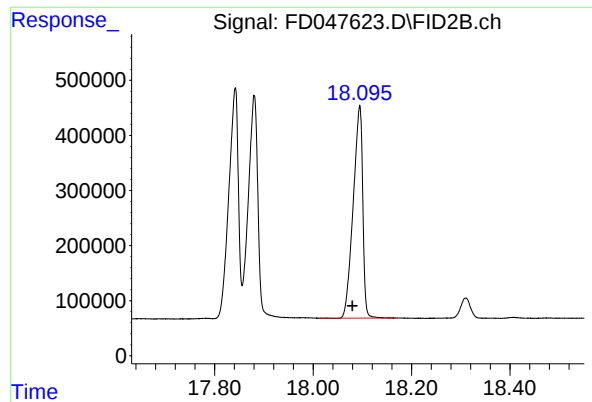
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.011 min
Response: 5673686
Conc: 41.80 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.880 min
Delta R.T.: 0.008 min
Response: 5398299
Conc: 37.70 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.094 min
Delta R.T.: 0.014 min
Response: 5182617
Conc: 37.75 ug/ml

Instrument :

FID_D

ClientSampleId :

DEMAREST-MS