

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083123AR\
 Data File : FD046409.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 18:22
 Operator : YP/AJ
 Sample : PB155245BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 02:03:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.497	8073035	47.802 ug/ml
Spiked Amount 50.000		Recovery =	95.60%
6) S 2-Fluorobiphenyl (SURR)	8.350	4496421	40.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.81%
11) S ortho-Terphenyl (SURR)	11.391	8978596	45.779 ug/ml
Spiked Amount 50.000		Recovery =	91.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	5856556	33.328 ug/ml
2) T Naphthalene (C11.7)	5.835	6852284	37.179 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	7352618	39.600 ug/ml
5) T Acenaphthylene (C15.06)	8.155	8298687	48.765 ug/ml
7) T Acenaphthene (C15.5)	8.452	8075377	44.824 ug/ml
8) T Fluorene (C16.55)	9.230	8686927	49.670 ug/ml
9) T Phenanthrene (C19.36)	10.621	8942872	52.122 ug/ml
10) T Anthracene (C19.43)	10.696	8689908	51.512 ug/ml
12) T Fluoranthene (C21.85)	12.425	9046458	54.376 ug/ml
13) T Pyrene (C20.8)	12.720	9077980	56.324 ug/ml
14) T Benzo[a]anthracene (C...	14.584	8266829	58.760 ug/ml
15) T Chrysene (C27.41)	14.628	8113353	54.697 ug/ml
16) T benzo[b]fluoranthene ...	16.126	7846997	57.749 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	7649640	56.387 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	7272825	55.197 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	7261078	58.212 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	6819870	54.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.116	6858872	53.484 ug/ml

(f)=RT Delta > 1/2 Window

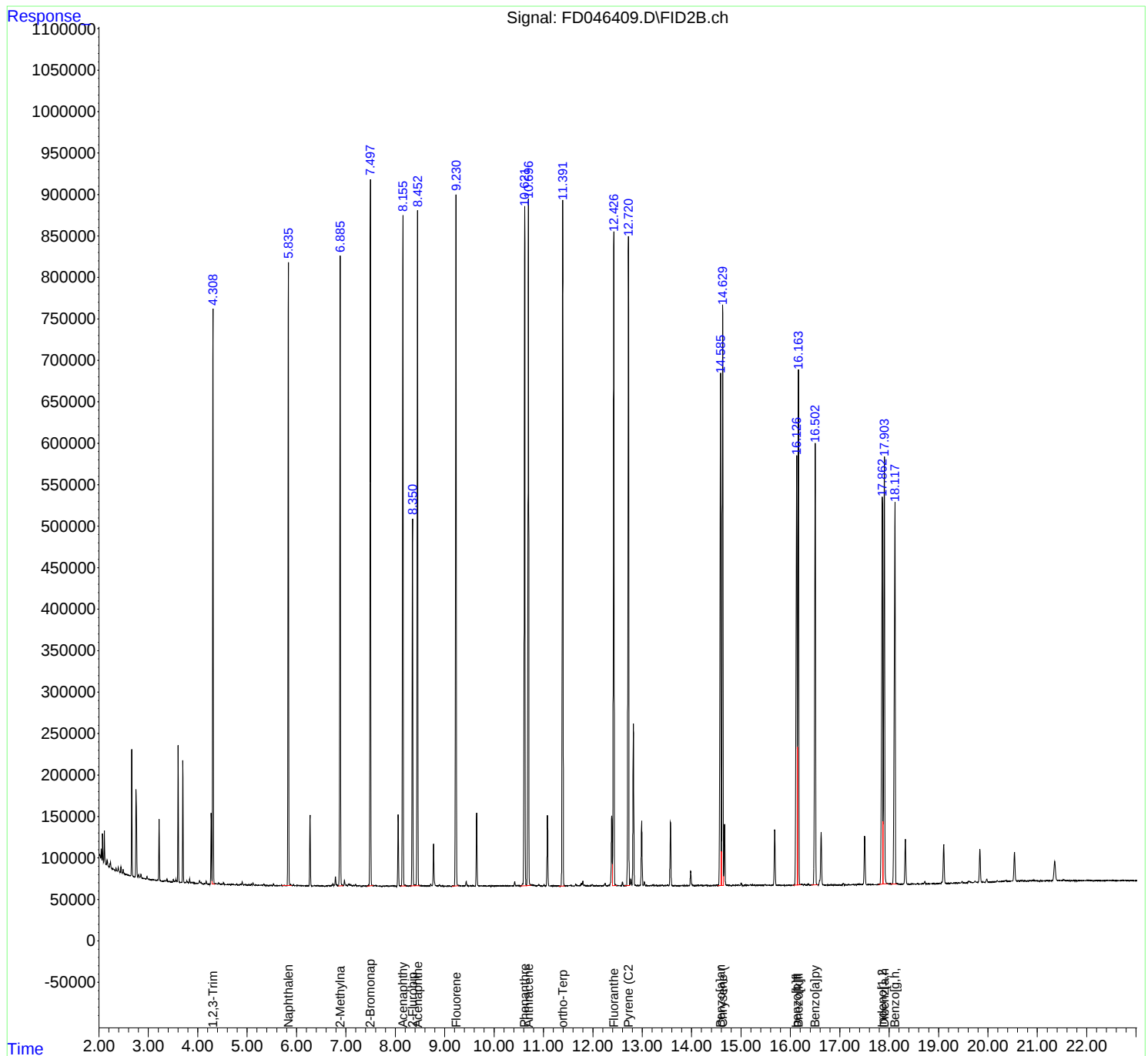
(m)=manual int.

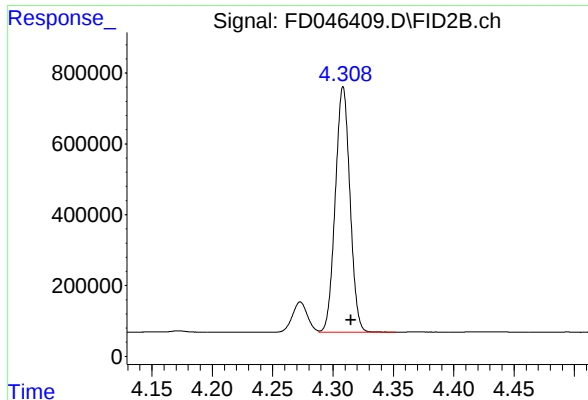
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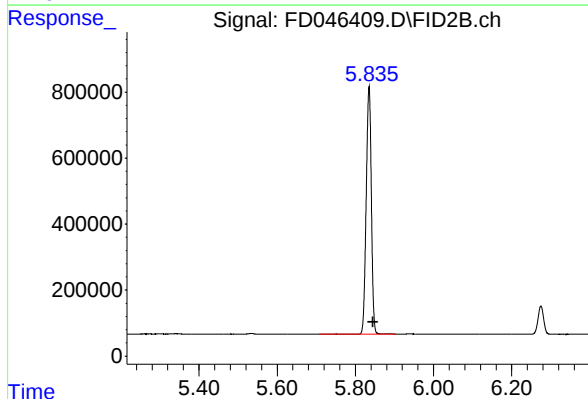




#1 1,2,3-Trimethylbenzene (C10.1)

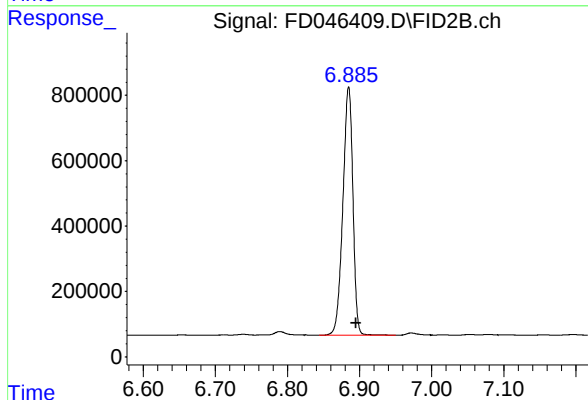
R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 5856556
Conc: 33.33 ug/ml

Instrument :
FID_D
ClientSampleId :



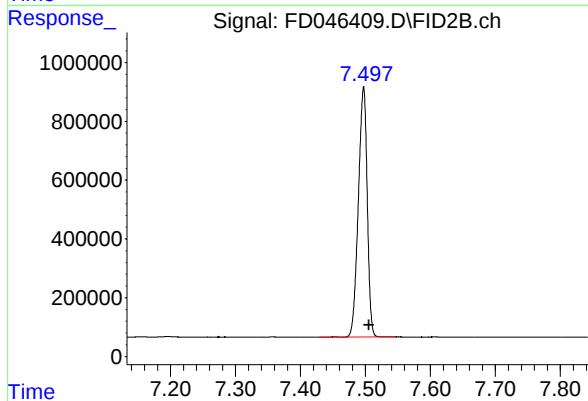
#2 Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: -0.010 min
Response: 6852284
Conc: 37.18 ug/ml



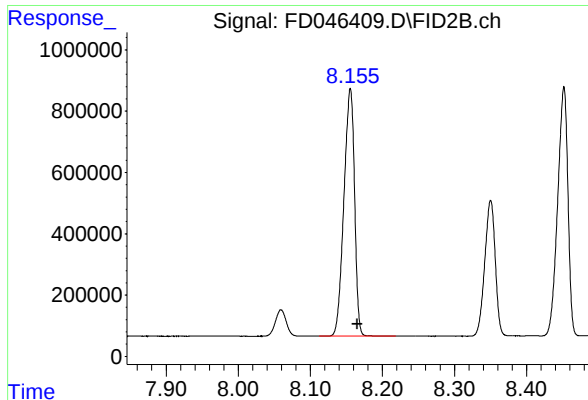
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: -0.010 min
Response: 7352618
Conc: 39.60 ug/ml



#4 2-Bromonaphthalene (SURR)

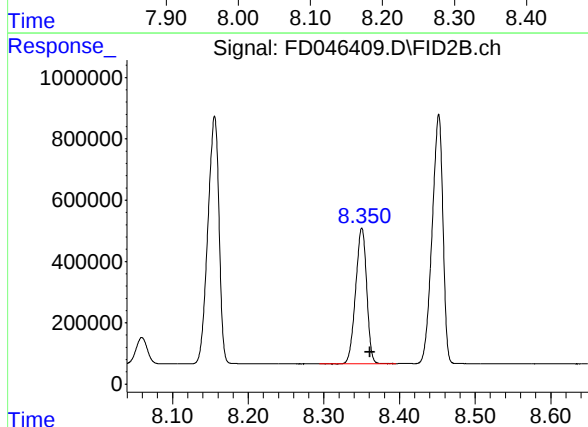
R.T.: 7.497 min
Delta R.T.: -0.009 min
Response: 8073035
Conc: 47.80 ug/ml



#5 Acenaphthylene (C15.06)

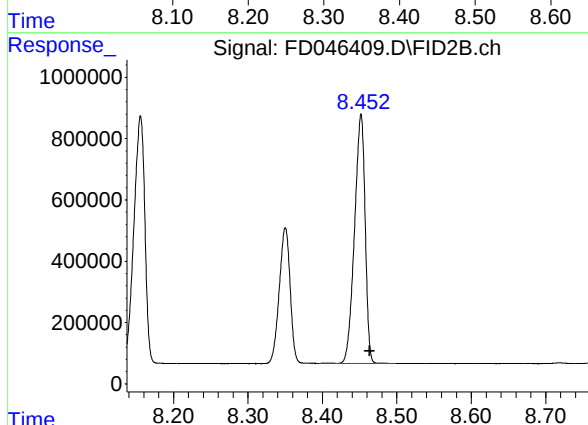
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 8298687
Conc: 48.76 ug/ml

Instrument :
FID_D
ClientSampleId :



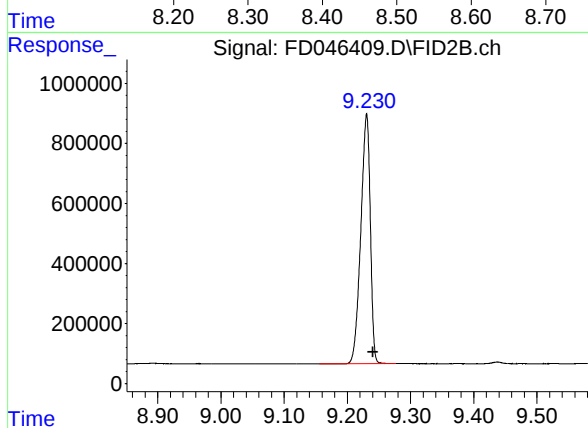
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.011 min
Response: 4496421
Conc: 40.40 ug/ml



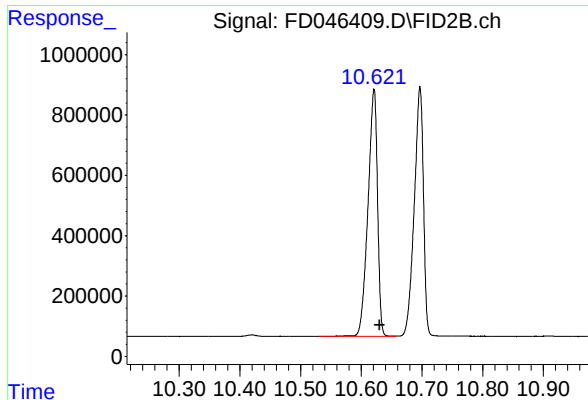
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.012 min
Response: 8075377
Conc: 44.82 ug/ml



#8 Flouorene (C16.55)

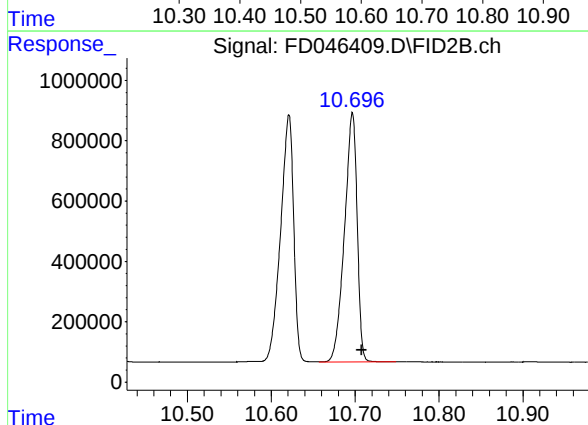
R.T.: 9.230 min
Delta R.T.: -0.010 min
Response: 8686927
Conc: 49.67 ug/ml



#9 Phenanthrene (C19.36)

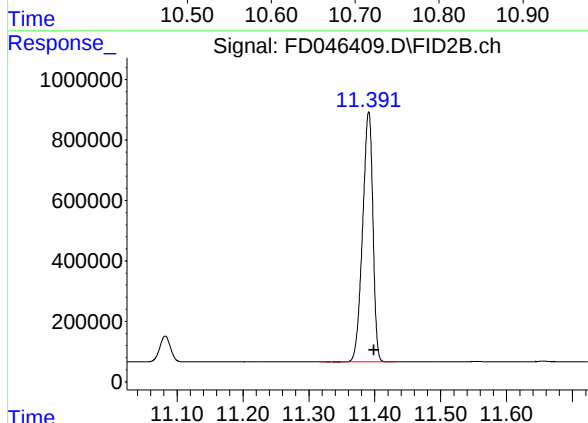
R.T.: 10.621 min
Delta R.T.: -0.010 min
Response: 8942872
Conc: 52.12 ug/ml

Instrument :
FID_D
ClientSampleId :



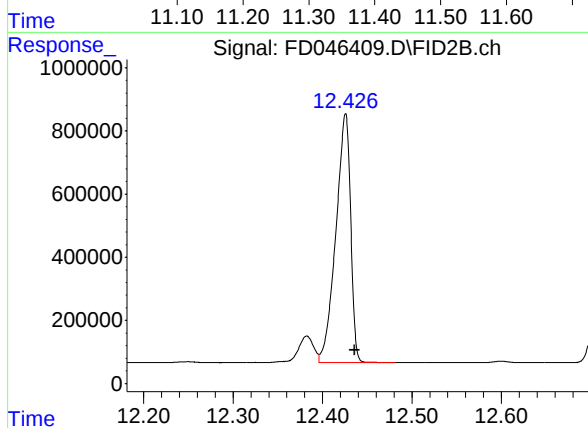
#10 Anthracene (C19.43)

R.T.: 10.696 min
Delta R.T.: -0.011 min
Response: 8689908
Conc: 51.51 ug/ml



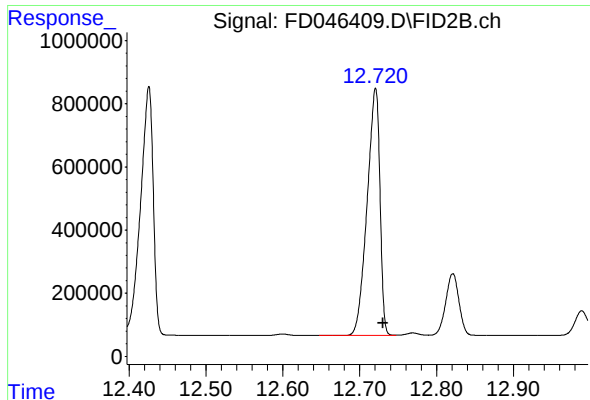
#11 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: -0.009 min
Response: 8978596
Conc: 45.78 ug/ml



#12 Fluoranthene (C21.85)

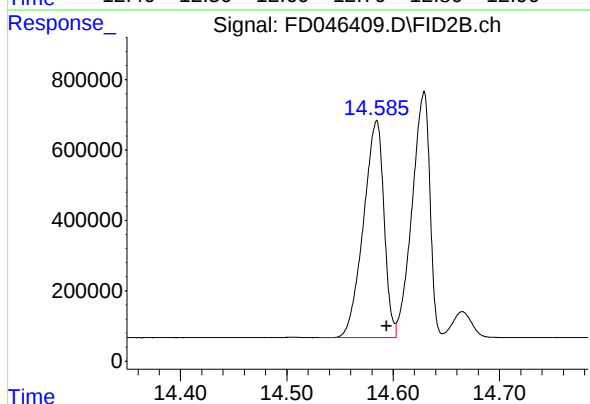
R.T.: 12.425 min
Delta R.T.: -0.011 min
Response: 9046458
Conc: 54.38 ug/ml



#13 Pyrene (C20.8)

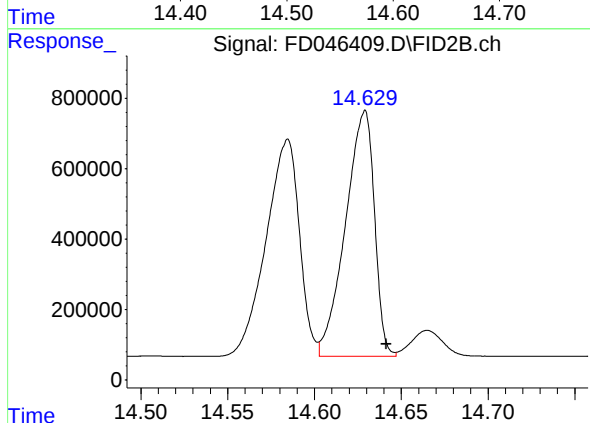
R.T.: 12.720 min
Delta R.T.: -0.010 min
Response: 9077980
Conc: 56.32 ug/ml

Instrument :
FID_D
ClientSampleId :



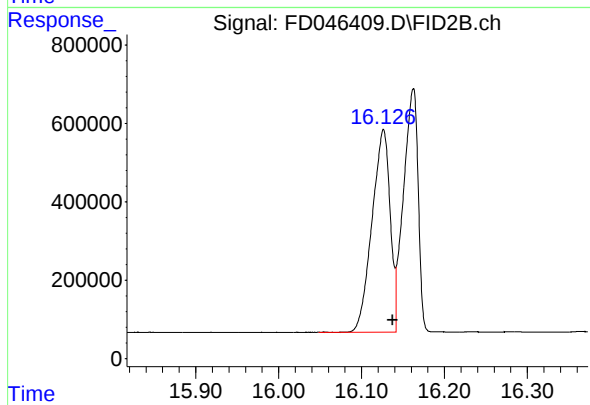
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: -0.010 min
Response: 8266829
Conc: 58.76 ug/ml



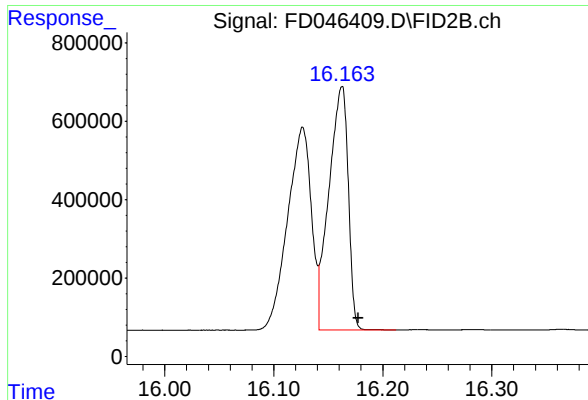
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: -0.013 min
Response: 8113353
Conc: 54.70 ug/ml



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

R.T.: 16.126 min
Delta R.T.: -0.011 min
Response: 7846997
Conc: 57.75 ug/ml



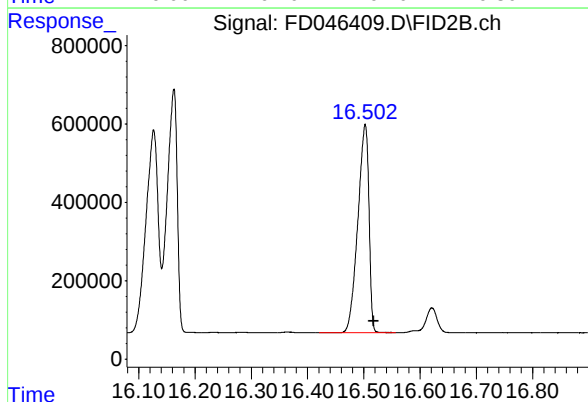
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.162 min
Delta R.T.: -0.016 min
Response: 7649640
Conc: 56.39 ug/ml

Instrument :

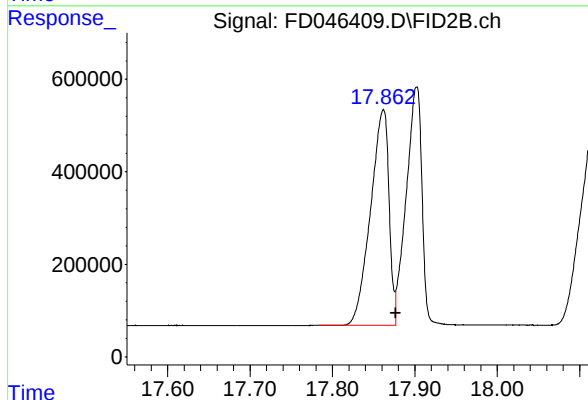
FID_D

ClientSampleId :



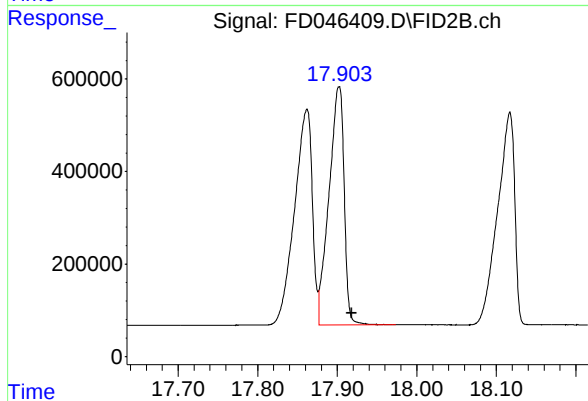
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.502 min
Delta R.T.: -0.015 min
Response: 7272825
Conc: 55.20 ug/ml



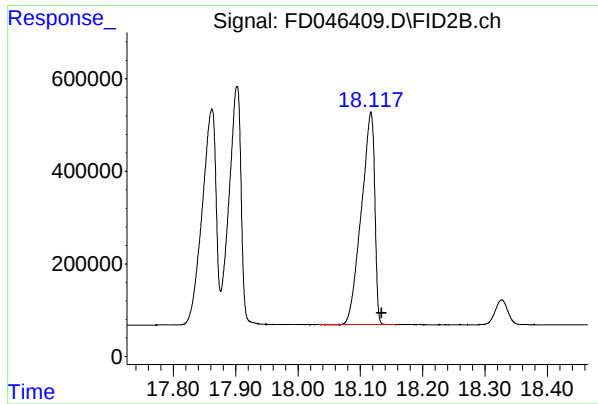
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: -0.015 min
Response: 7261078
Conc: 58.21 ug/ml



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

R.T.: 17.902 min
Delta R.T.: -0.017 min
Response: 6819870
Conc: 54.43 ug/ml



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

R.T.: 18.116 min
Delta R.T.: -0.018 min
Response: 6858872
Conc: 53.48 ug/ml

Instrument :

FID_D

ClientSampleId :