

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044832.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 16:54
 Operator : YP/AJ
 Sample : PB150295BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150295BSD

Integration File: autoint1.e
 Quant Time: Jan 18 00:02:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.663	7622179	52.857 ug/ml
Spiked Amount 50.000		Recovery =	105.71%
6) S 2-Fluorobiphenyl (SURR)	8.520	4995454	51.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.92%
11) S ortho-Terphenyl (SURR)	11.549	7852607	43.585 ug/ml
Spiked Amount 50.000		Recovery =	87.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	6190333	38.474 ug/ml
2) T Naphthalene (C11.7)	6.011	6683319	39.819 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	6737281	40.070 ug/ml
5) T Acenaphthylene (C15.06)	8.324	7158249	47.195 ug/ml
7) T Acenaphthene (C15.5)	8.619	7298645	45.023 ug/ml
8) T Fluorene (C16.55)	9.395	7396259	46.407 ug/ml
9) T Phenanthrene (C19.36)	10.784	7503305	47.812 ug/ml
10) T Anthracene (C19.43)	10.859	7422198	59.023 ug/ml
12) T Fluoranthene (C21.85)	12.586	7548804	48.071 ug/ml
13) T Pyrene (C20.8)	12.882	7565223	49.419 ug/ml
14) T Benzo[a]anthracene (C...	14.744	7285625	51.239 ug/ml
15) T Chrysene (C27.41)	14.788	8179637	53.941 ug/ml
16) T benzo[b]fluoranthene ...	16.285	7202530	47.891 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	6788278	44.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.660	6425259	44.287 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	6085261	43.031 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	6134947	41.852 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	6083716	42.825 ug/ml

(f)=RT Delta > 1/2 Window

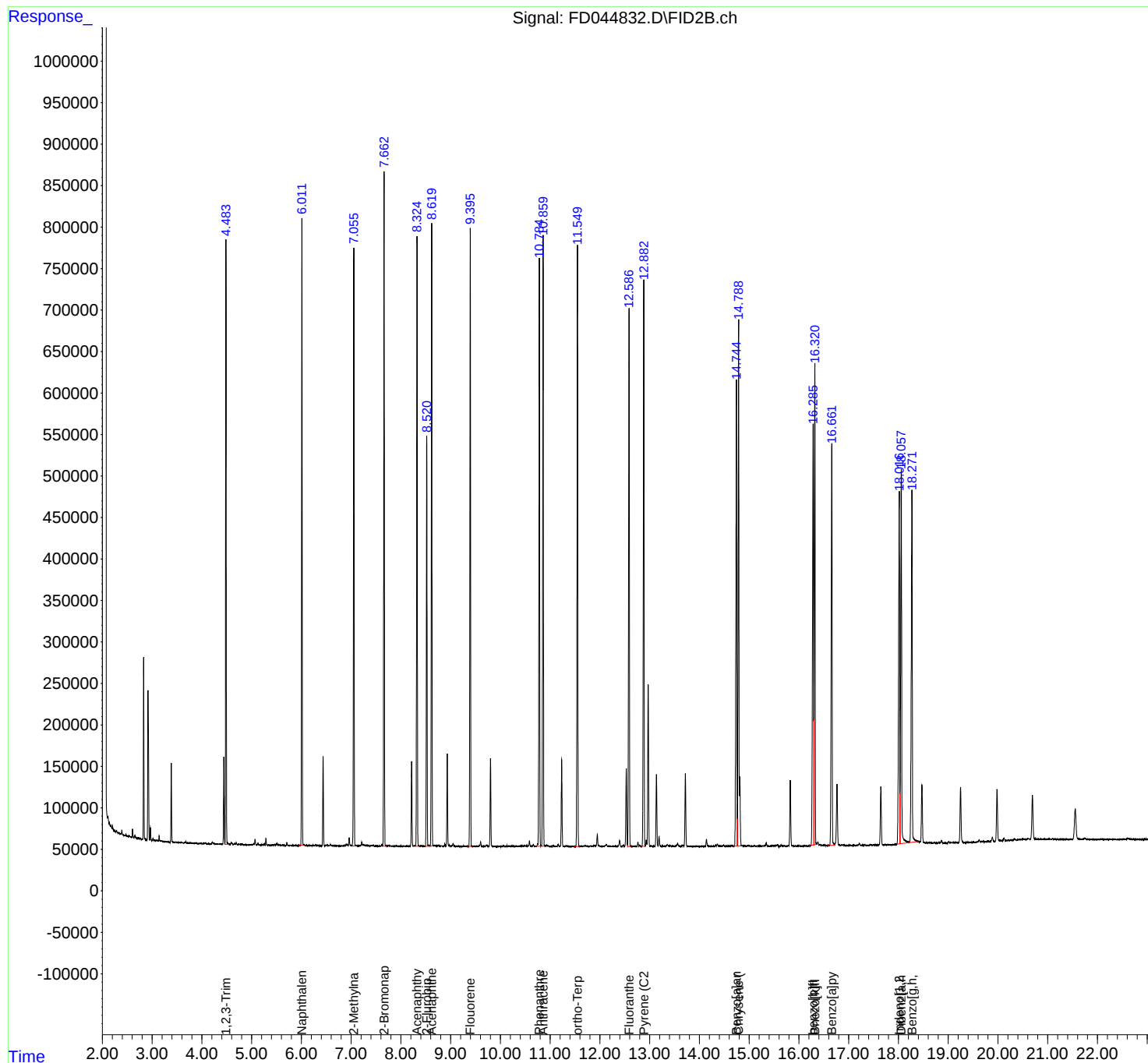
(m)=manual int.

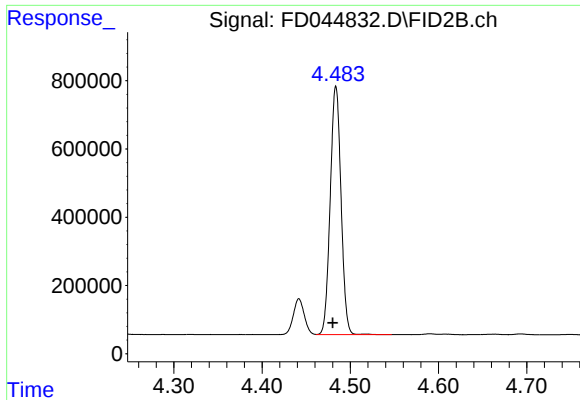
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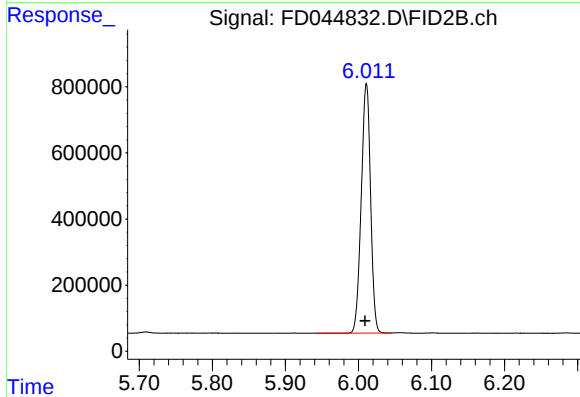




#1 1,2,3-Trimethylbenzene (C10.1)

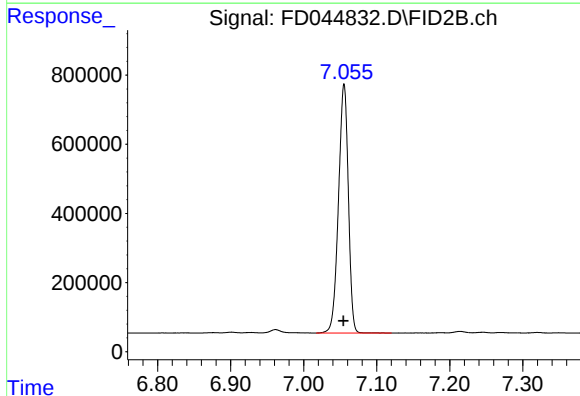
R.T.: 4.484 min
Delta R.T.: 0.004 min
Response: 6190333
Conc: 38.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150295BSD



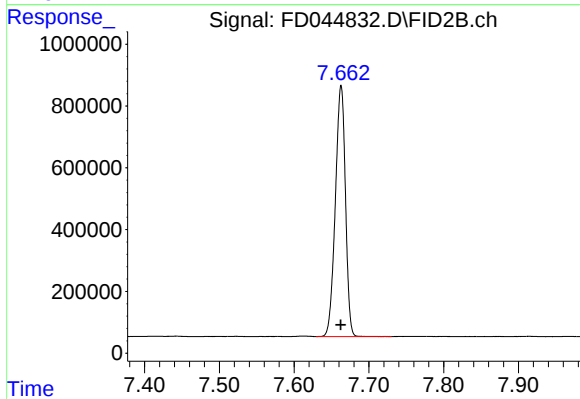
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 6683319
Conc: 39.82 ug/ml



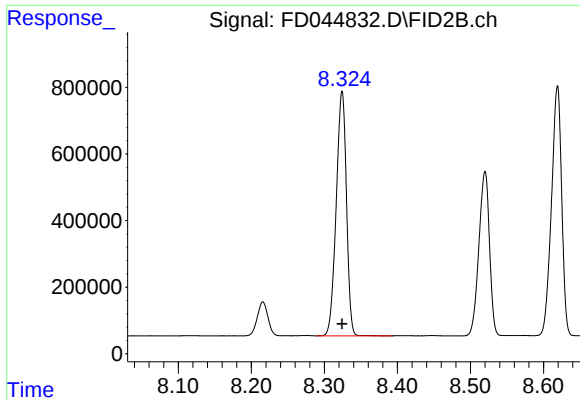
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 6737281
Conc: 40.07 ug/ml



#4 2-Bromonaphthalene (SURR)

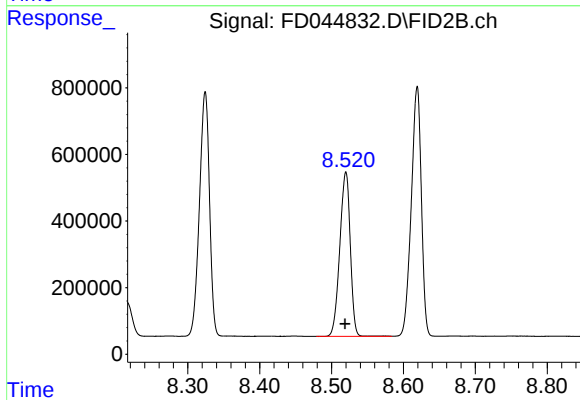
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 7622179
Conc: 52.86 ug/ml



#5 Acenaphthylene (C15.06)

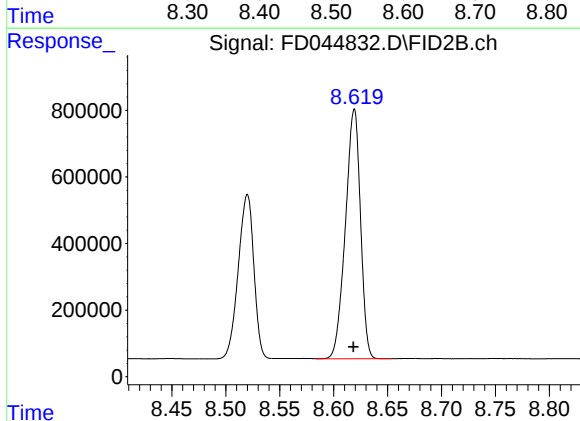
R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 7158249
Conc: 47.20 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150295BSD



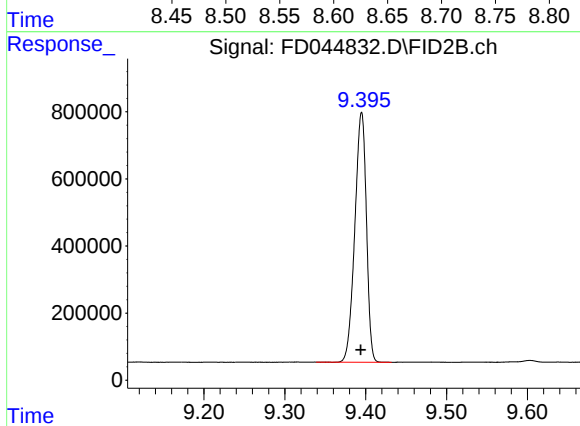
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 4995454
Conc: 51.46 ug/ml



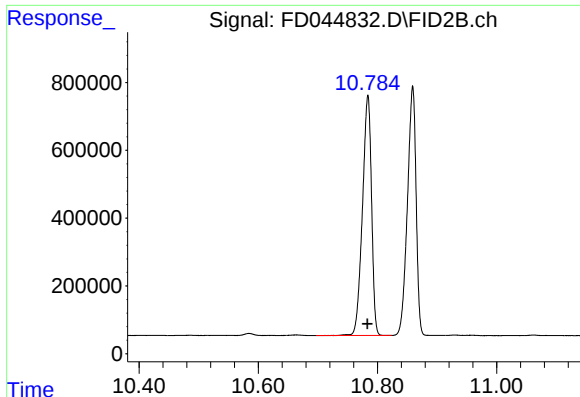
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 7298645
Conc: 45.02 ug/ml



#8 Flouorene (C16.55)

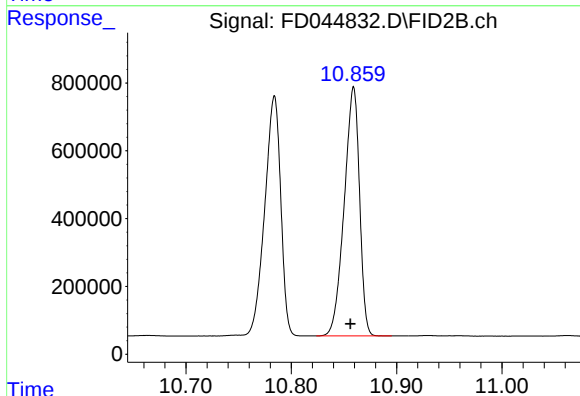
R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 7396259
Conc: 46.41 ug/ml



#9 Phenanthrene (C19.36)

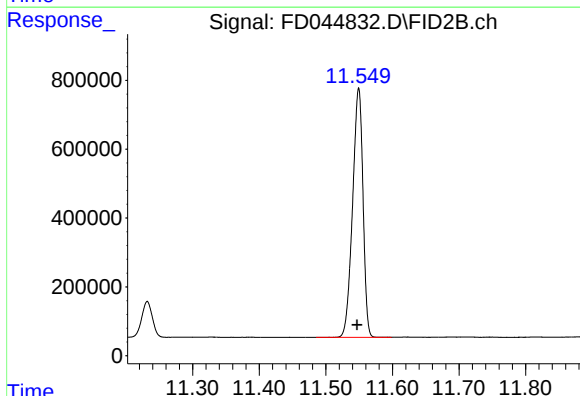
R.T.: 10.784 min
Delta R.T.: 0.000 min
Response: 7503305
Conc: 47.81 ug/ml

Instrument :
FID_D
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PB150295BSD



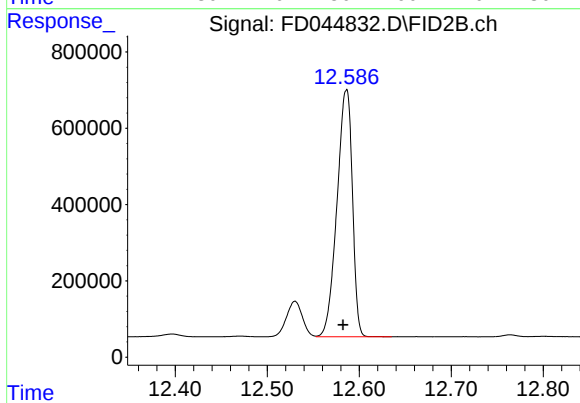
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 7422198
Conc: 59.02 ug/ml



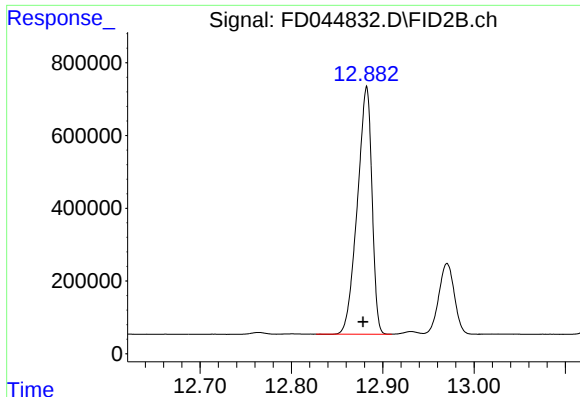
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 7852607
Conc: 43.58 ug/ml



#12 Fluoranthene (C21.85)

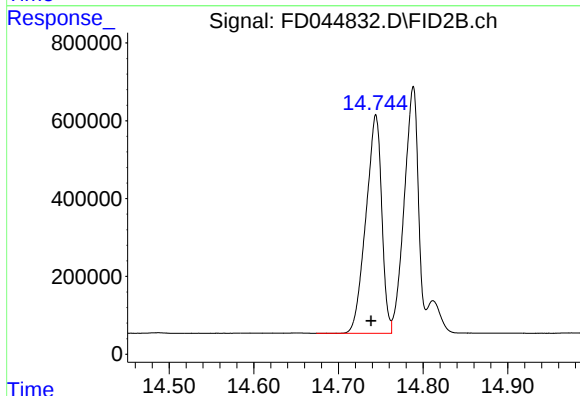
R.T.: 12.586 min
Delta R.T.: 0.003 min
Response: 7548804
Conc: 48.07 ug/ml



#13 Pyrene (C20.8)

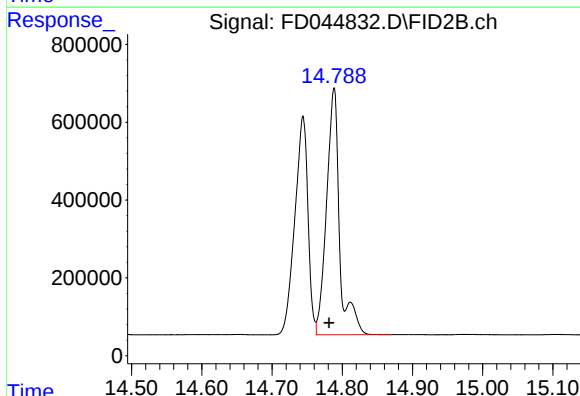
R.T.: 12.882 min
Delta R.T.: 0.004 min
Response: 7565223
Conc: 49.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150295BSD



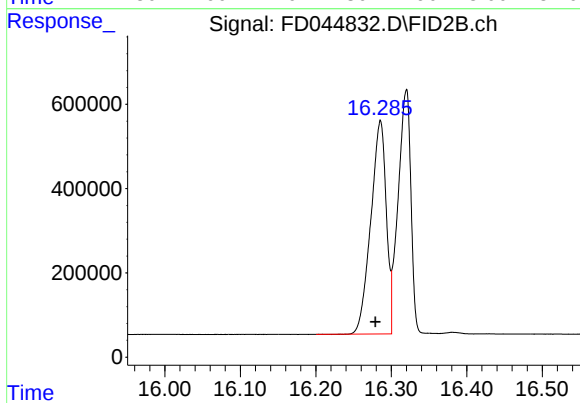
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: 0.005 min
Response: 7285625
Conc: 51.24 ug/ml



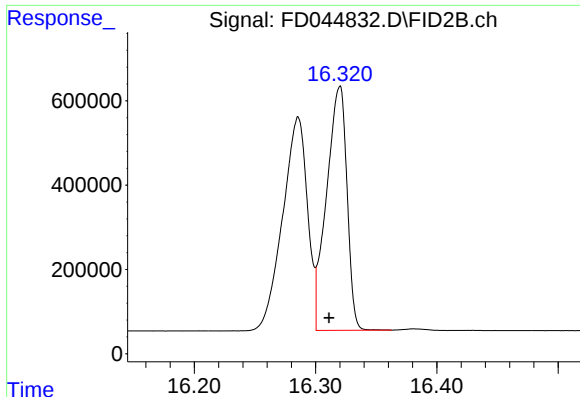
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: 0.007 min
Response: 8179637
Conc: 53.94 ug/ml



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

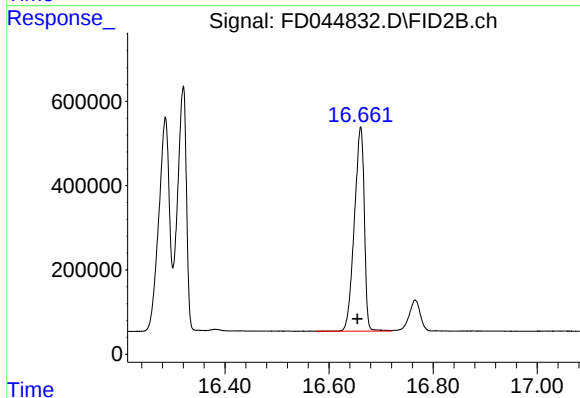
R.T.: 16.285 min
Delta R.T.: 0.006 min
Response: 7202530
Conc: 47.89 ug/ml



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

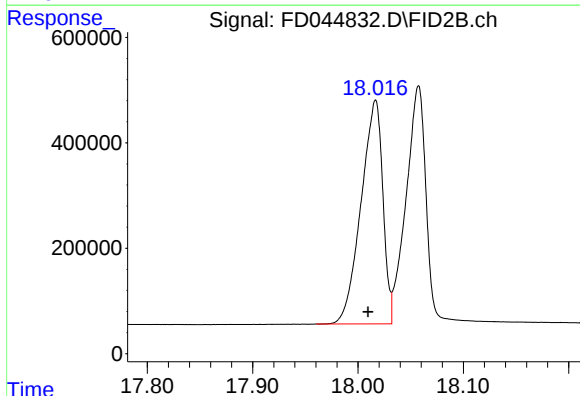
R.T.: 16.319 min
Delta R.T.: 0.008 min
Response: 6788278
Conc: 44.81 ug/ml

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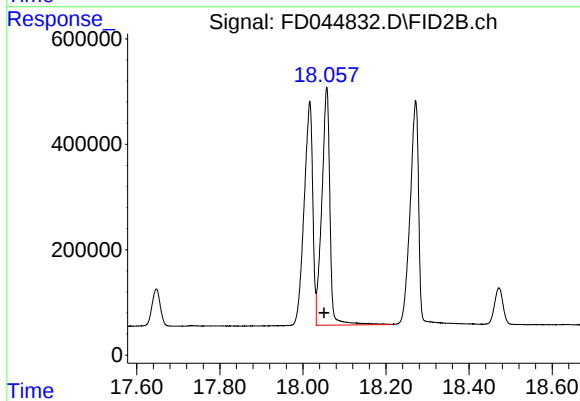
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.660 min
Delta R.T.: 0.005 min
Response: 6425259
Conc: 44.29 ug/ml



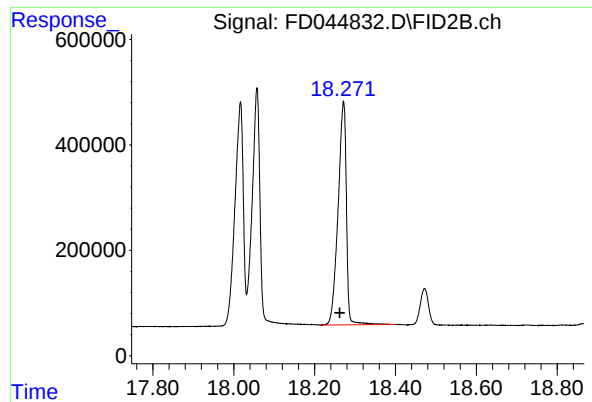
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: 0.007 min
Response: 6085261
Conc: 43.03 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.006 min
Response: 6134947
Conc: 41.85 ug/ml



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

R.T.: 18.271 min
Delta R.T.: 0.009 min
Response: 6083716
Conc: 42.83 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150295BSD