

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081222AR\
 Data File : FD043576.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2022 23:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 15 00:02:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.614	2672129	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
6) S 2-Fluorobiphenyl (SURR)	8.478	1818968	19.134 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.27%
11) S ortho-Terphenyl (SURR)	11.524	3174371	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	2981690	19.011 ug/ml
2) T Naphthalene (C11.7)	5.949	3057283	18.908 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	2790036	19.055 ug/ml
5) T Acenaphthylene (C15.06)	8.280	2971604	18.305 ug/ml
7) T Acenaphthene (C15.5)	8.576	3080362	19.053 ug/ml
8) T Flouorene (C16.55)	9.358	2988359	19.071 ug/ml
9) T Phenanthrene (C19.36)	10.758	2960594	18.891 ug/ml
10) T Anthracene (C19.43)	10.831	2369606	15.385 ug/ml
12) T Fluoranthene (C21.85)	12.572	2945614	18.598 ug/ml
13) T Pyrene (C20.8)	12.869	2891578	18.399 ug/ml
14) T Benzo[a]anthracene (C...	14.744	2812794	19.066 ug/ml
15) T Chrysene (C27.41)	14.786	3279678	20.989 ug/ml
16) T benzo[b]fluoranthene ...	16.298	3132711	20.943 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	2996452	19.969 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	2713829	19.200 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	2592581	21.937 ug/ml
20) T Dibenz[a,h]anthracene...	18.083	3427810	24.167 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	2790885	21.461 ug/ml

(f)=RT Delta > 1/2 Window

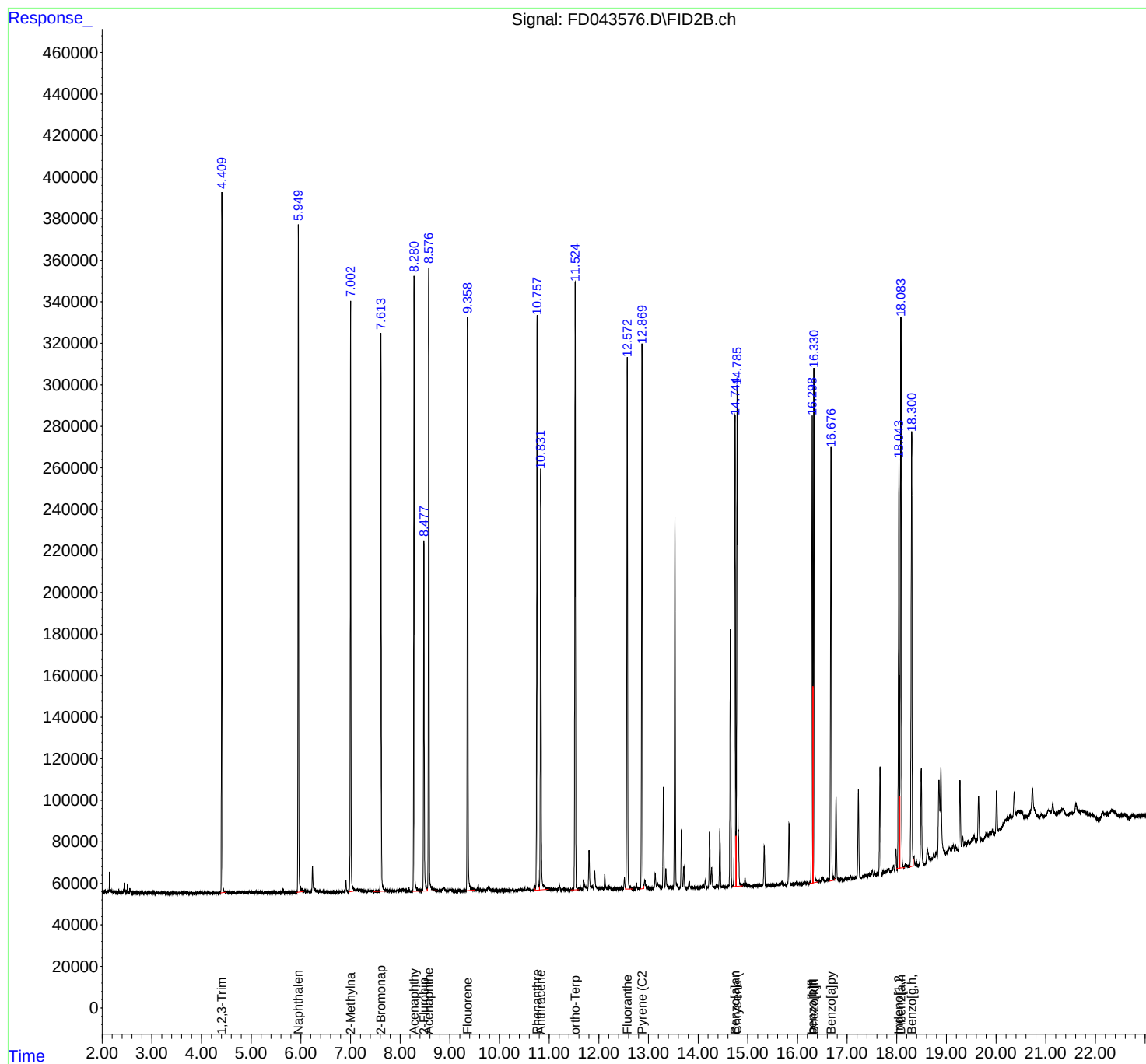
(m)=manual int.

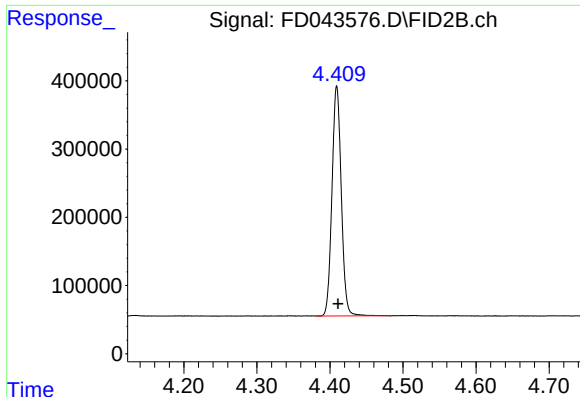
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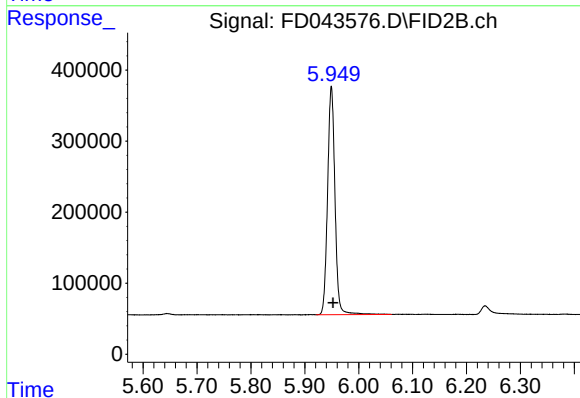




#1 1,2,3-Trimethylbenzene (C10.1)

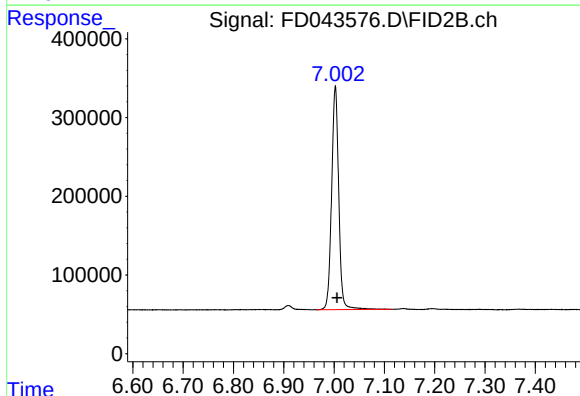
R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 2981690
Conc: 19.01 ug/ml

Instrument :
FID_D
ClientSampleId :



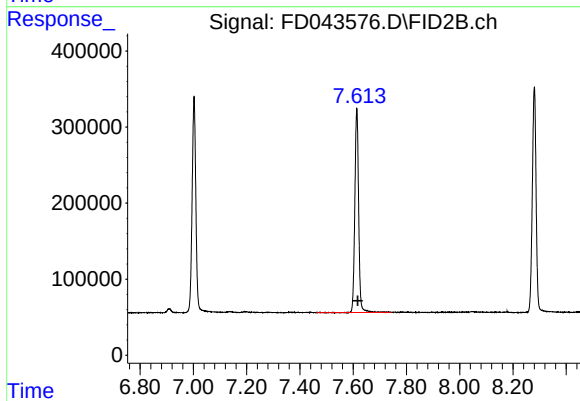
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 3057283
Conc: 18.91 ug/ml



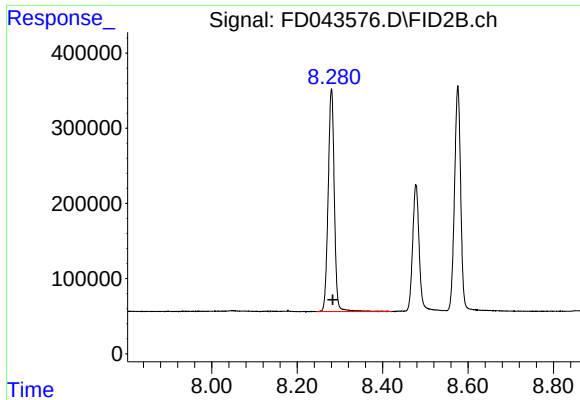
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 2790036
Conc: 19.05 ug/ml



#4 2-Bromonaphthalene (SURR)

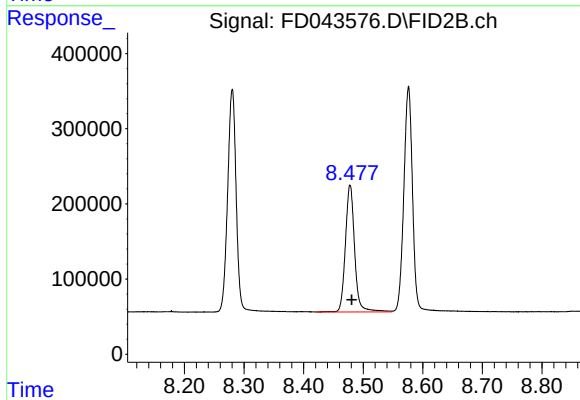
R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 2672129
Conc: 18.89 ug/ml



#5 Acenaphthylene (C15.06)

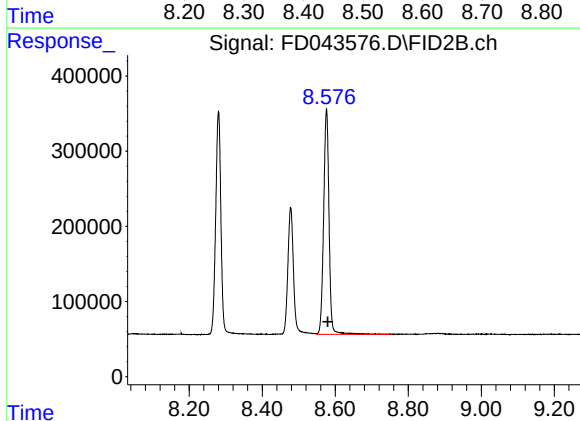
R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 2971604
Conc: 18.30 ug/ml

Instrument :
FID_D
ClientSampleId :



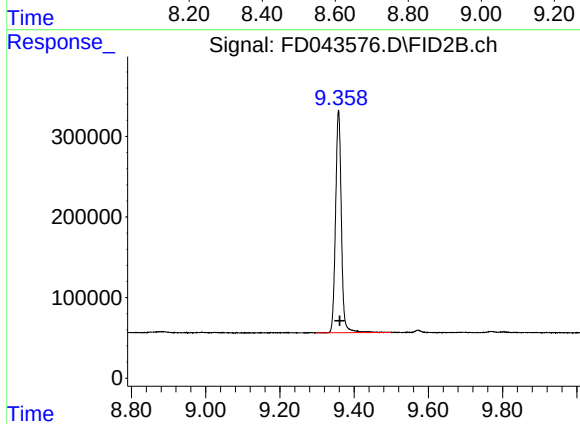
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: -0.003 min
Response: 1818968
Conc: 19.13 ug/ml



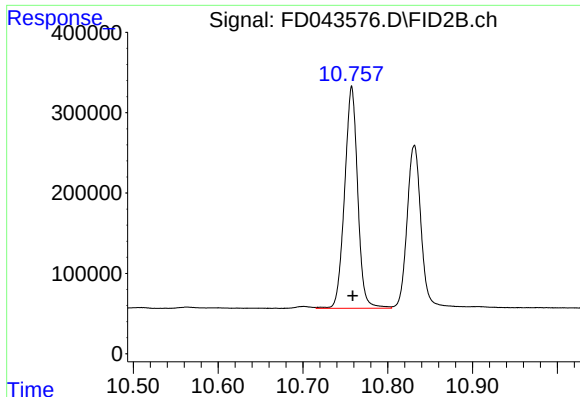
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.004 min
Response: 3080362
Conc: 19.05 ug/ml



#8 Flouorene (C16.55)

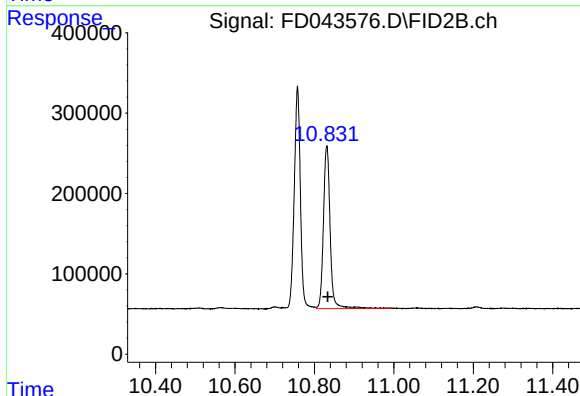
R.T.: 9.358 min
Delta R.T.: -0.004 min
Response: 2988359
Conc: 19.07 ug/ml



#9 Phenanthrene (C19.36)

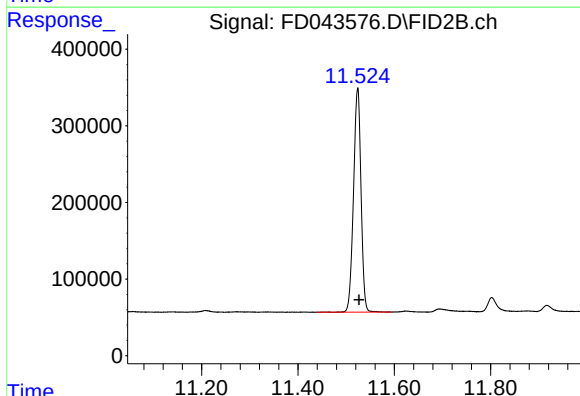
R.T.: 10.758 min
Delta R.T.: -0.001 min
Response: 2960594
Conc: 18.89 ug/ml

Instrument :
FID_D
ClientSampleId :



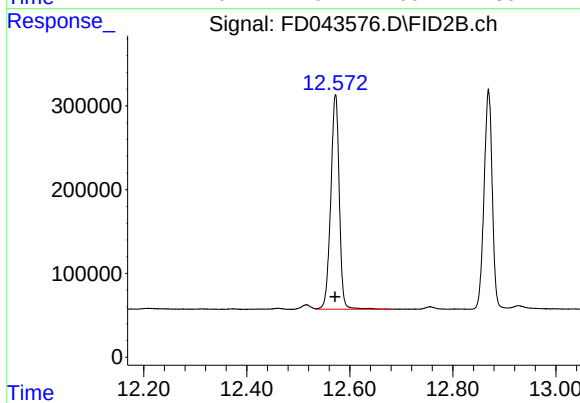
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: -0.002 min
Response: 2369606
Conc: 15.39 ug/ml



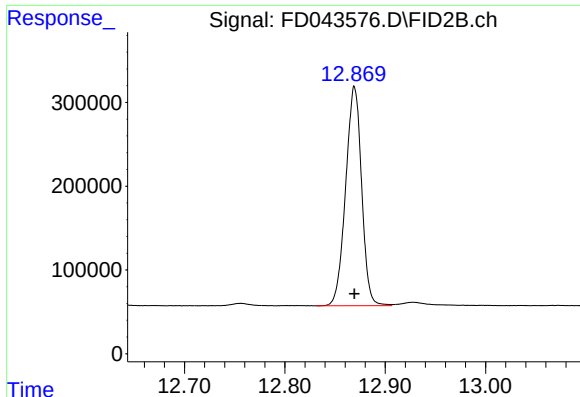
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 3174371
Conc: 18.73 ug/ml



#12 Fluoranthene (C21.85)

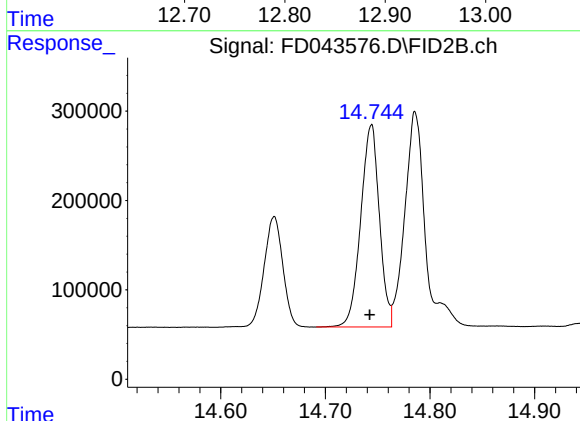
R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2945614
Conc: 18.60 ug/ml



#13 Pyrene (C20.8)

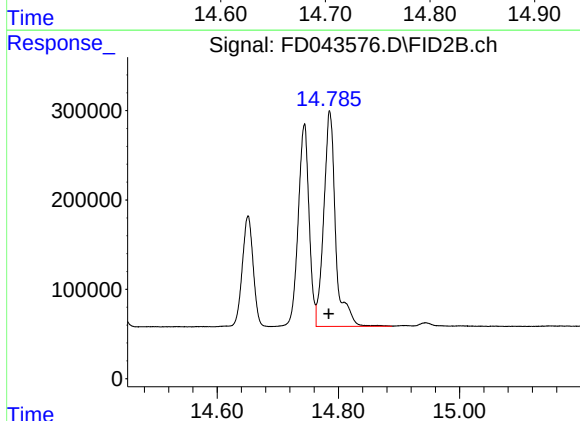
R.T.: 12.869 min
Delta R.T.: 0.000 min
Response: 2891578
Conc: 18.40 ug/ml

Instrument :
FID_D
ClientSampleId :



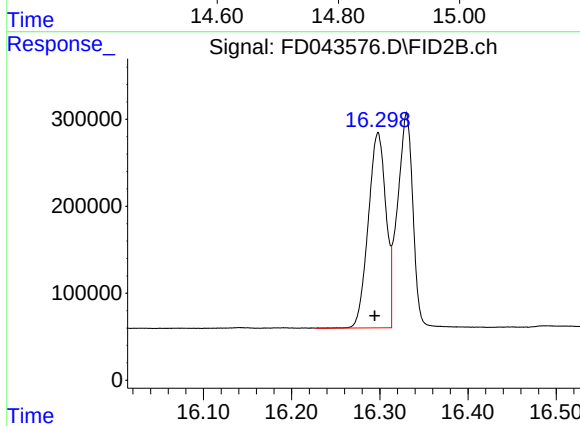
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: 0.001 min
Response: 2812794
Conc: 19.07 ug/ml



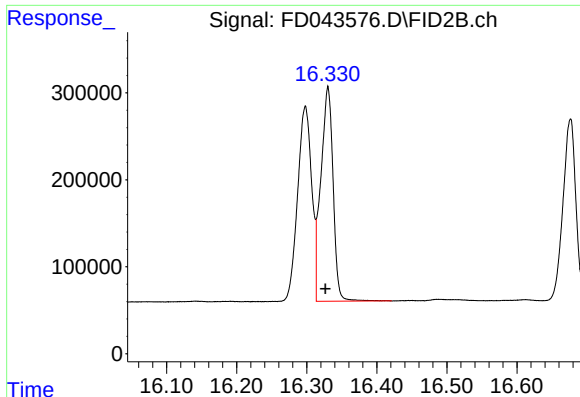
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.002 min
Response: 3279678
Conc: 20.99 ug/ml



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

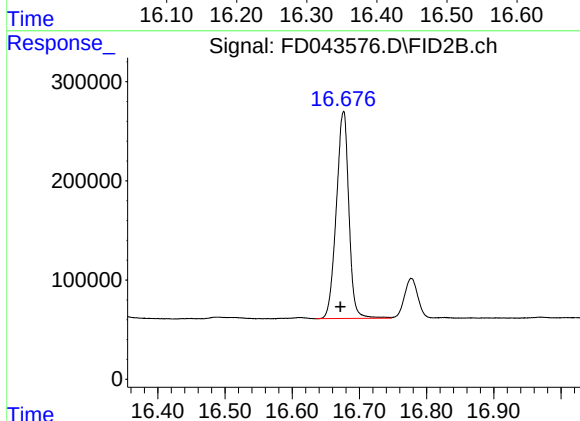
R.T.: 16.298 min
Delta R.T.: 0.004 min
Response: 3132711
Conc: 20.94 ug/ml



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

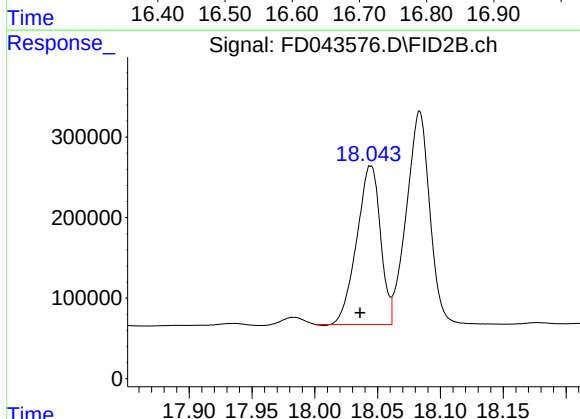
R.T.: 16.330 min
Delta R.T.: 0.004 min
Response: 2996452
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :



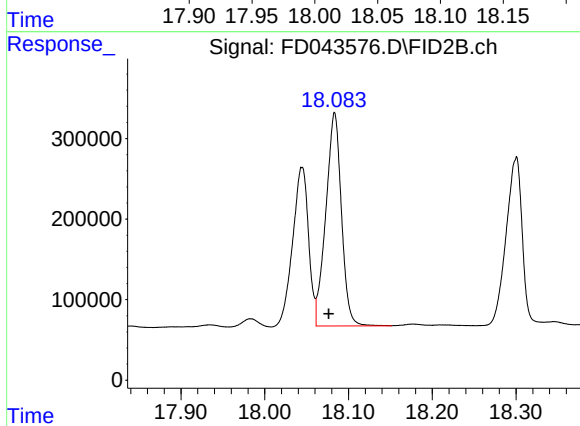
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.005 min
Response: 2713829
Conc: 19.20 ug/ml



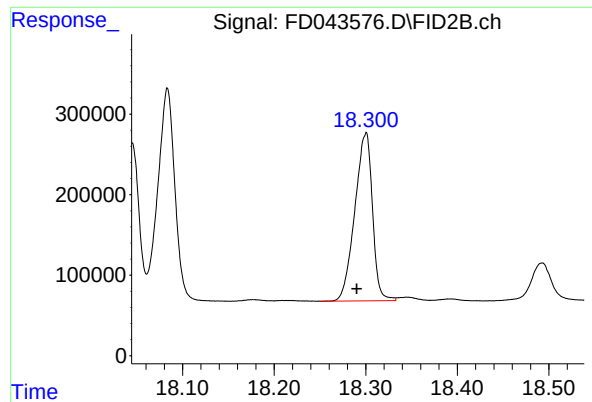
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: 0.008 min
Response: 2592581
Conc: 21.94 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.007 min
Response: 3427810
Conc: 24.17 ug/ml



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

R.T.: 18.300 min
Delta R.T.: 0.009 min
Response: 2790885
Conc: 21.46 ug/ml

Instrument :
FID_D
ClientSampleId :