

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043327.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 07:34
 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: Jul 24 22:57:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.619	3309031	21.430 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
6) S 2-Fluorobiphenyl (SURR)	8.482	2128735	20.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.528	3944712	21.704 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	3872179	23.055 ug/ml
2) T Naphthalene (C11.7)	5.955	3831433	21.885 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	3472521	21.589 ug/ml
5) T Acenaphthylene (C15.06)	8.285	3688367	20.751 ug/ml
7) T Acenaphthene (C15.5)	8.581	3804191	21.724 ug/ml
8) T Flouorene (C16.55)	9.363	3556809	20.519 ug/ml
9) T Phenanthrene (C19.36)	10.759	3367788	19.636 ug/ml
10) T Anthracene (C19.43)	10.833	2527766	14.879 ug/ml
12) T Fluoranthene (C21.85)	12.573	3336822	19.896 ug/ml
14) T Benzo[a]anthracene (C...	14.784	3008108	19.370 ug/ml
15) T Chrysene (C27.41)	14.784	3008108	19.059 ug/ml
16) T benzo[b]fluoranthene ...	16.325	2849818	18.695 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2849818	19.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2547366	17.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	2577237	20.595 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	2577237	19.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2725337	20.895 ug/ml

(f)=RT Delta > 1/2 Window

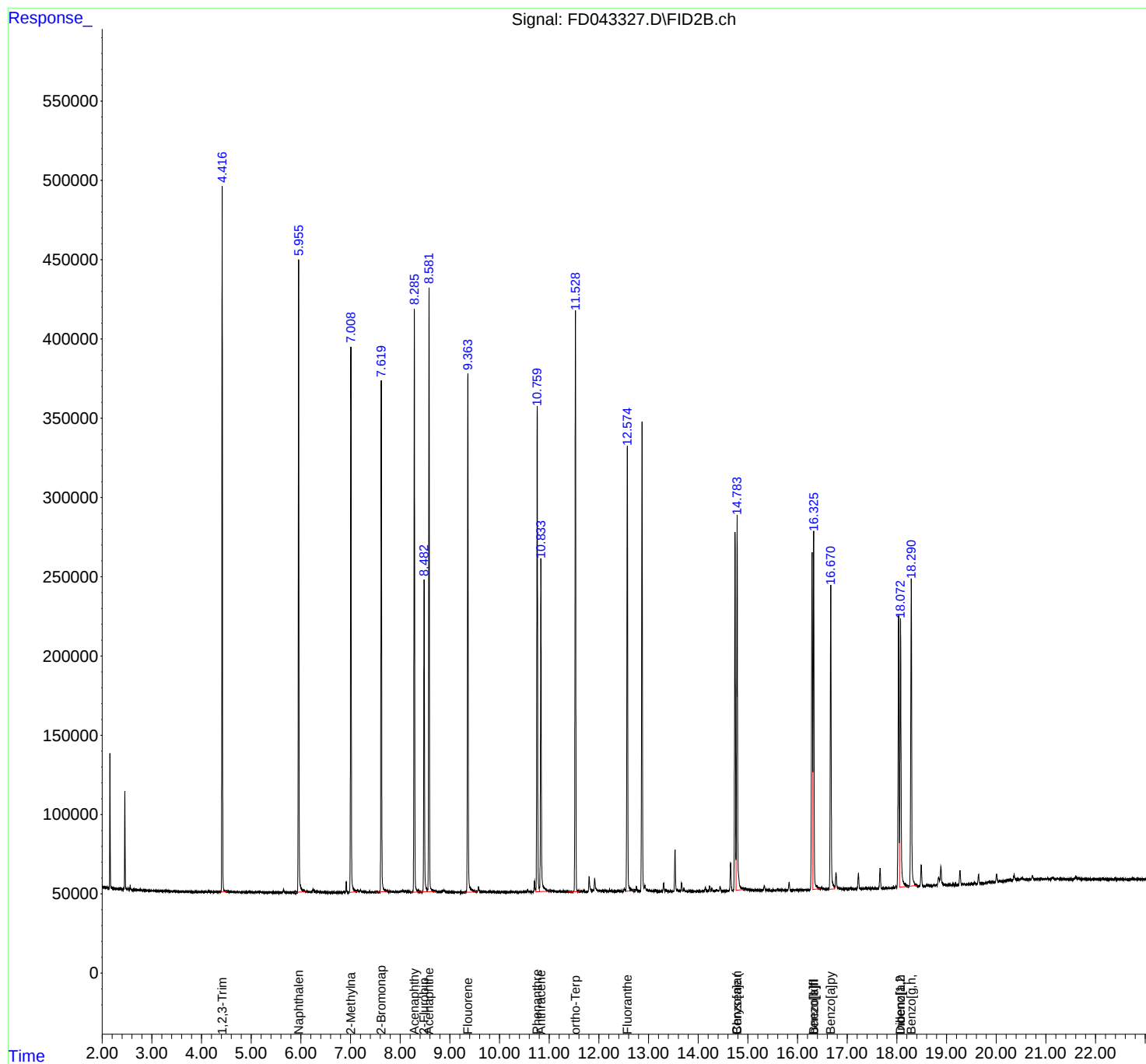
(m)=manual int.

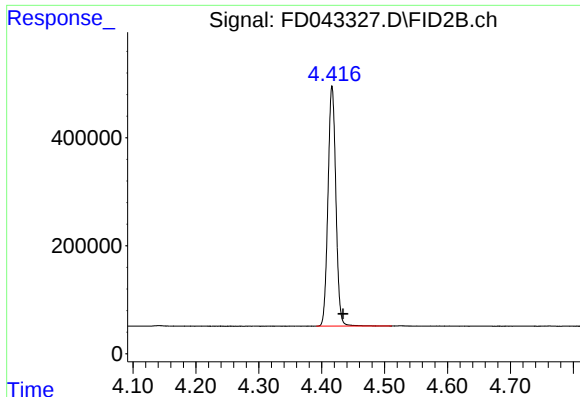
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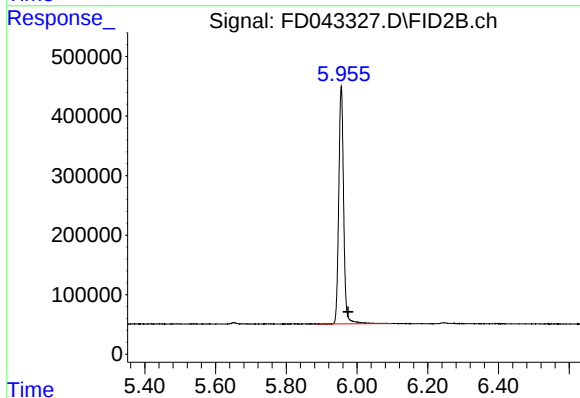




#1 1,2,3-Trimethylbenzene (C10.1)

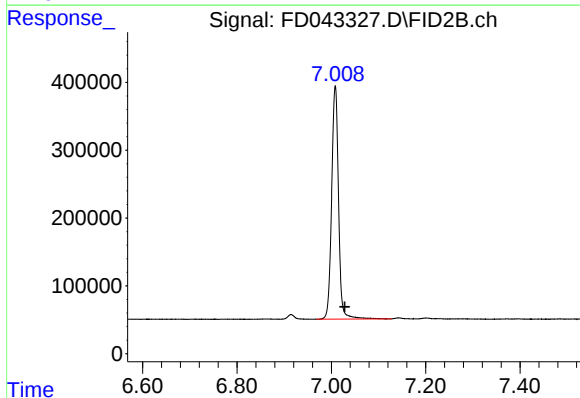
R.T.: 4.417 min
Delta R.T.: -0.017 min
Response: 3872179
Conc: 23.06 ug/ml

Instrument :
FID_D
ClientSampleId :



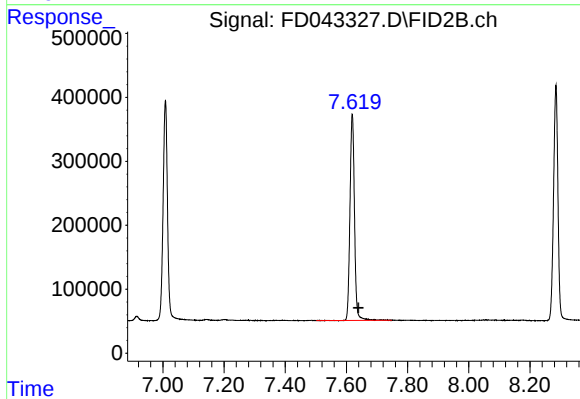
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 3831433
Conc: 21.88 ug/ml



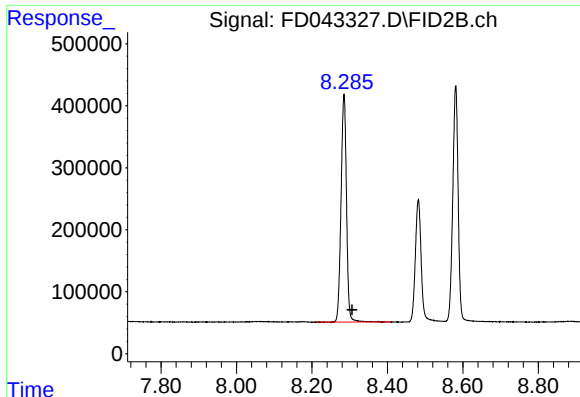
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.020 min
Response: 3472521
Conc: 21.59 ug/ml



#4 2-Bromonaphthalene (SURR)

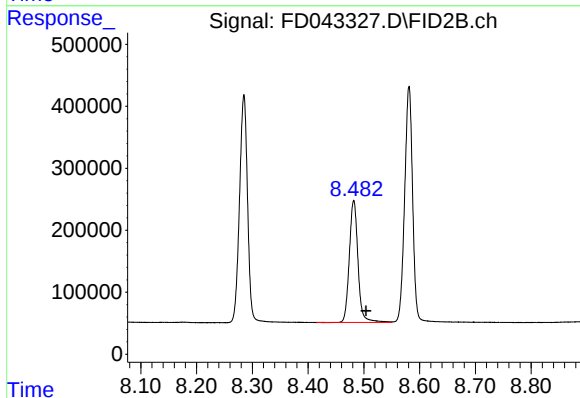
R.T.: 7.619 min
Delta R.T.: -0.020 min
Response: 3309031
Conc: 21.43 ug/ml



#5 Acenaphthylene (C15.06)

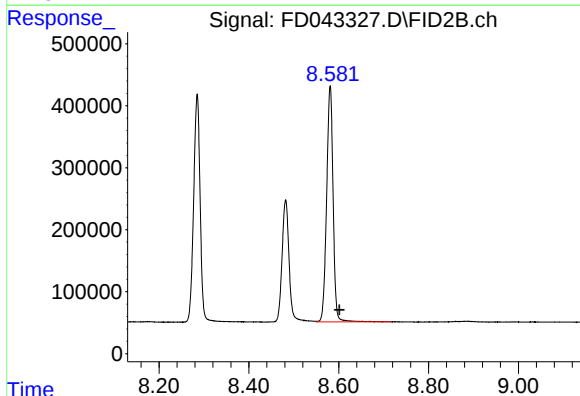
R.T.: 8.285 min
Delta R.T.: -0.021 min
Response: 3688367
Conc: 20.75 ug/ml

Instrument :
FID_D
ClientSampleId :



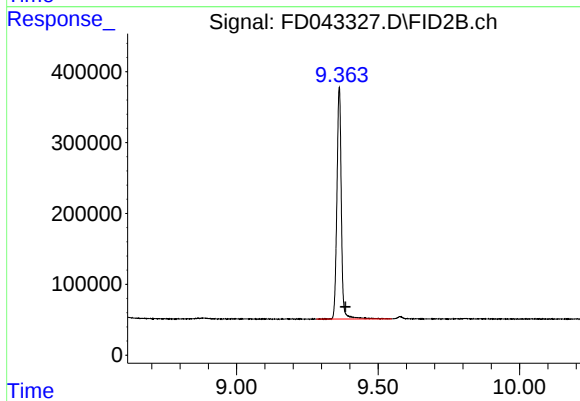
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.482 min
Delta R.T.: -0.022 min
Response: 2128735
Conc: 20.18 ug/ml



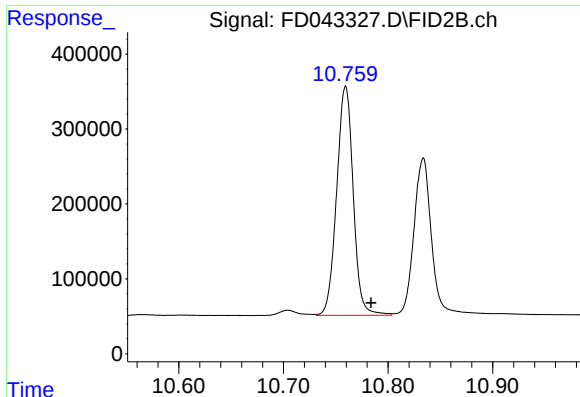
#7 Acenaphthene (C15.5)

R.T.: 8.581 min
Delta R.T.: -0.021 min
Response: 3804191
Conc: 21.72 ug/ml



#8 Fluorene (C16.55)

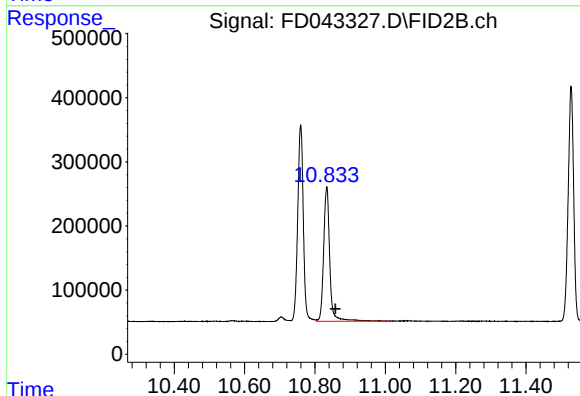
R.T.: 9.363 min
Delta R.T.: -0.022 min
Response: 3556809
Conc: 20.52 ug/ml



#9 Phenanthrene (C19.36)

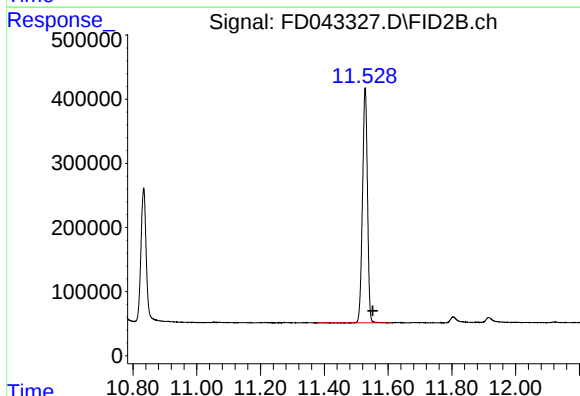
R.T.: 10.759 min
Delta R.T.: -0.024 min
Response: 3367788
Conc: 19.64 ug/ml

Instrument :
FID_D
ClientSampleId :



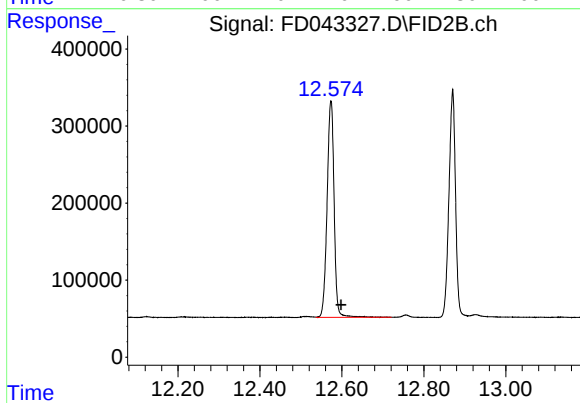
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: -0.025 min
Response: 2527766
Conc: 14.88 ug/ml



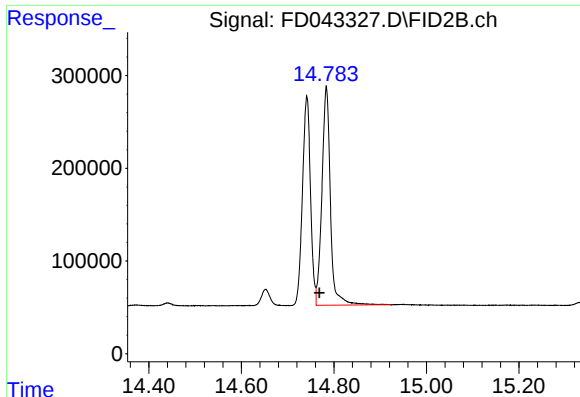
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: -0.023 min
Response: 3944712
Conc: 21.70 ug/ml



#12 Fluoranthene (C21.85)

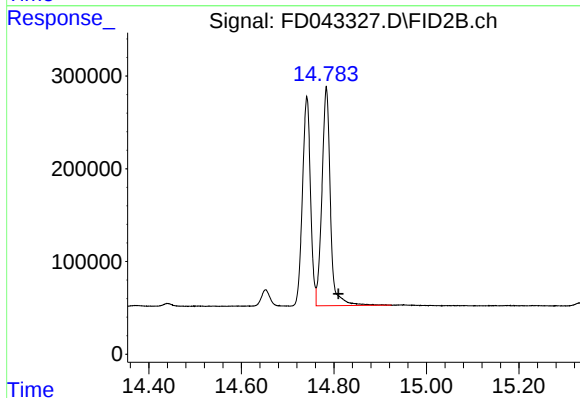
R.T.: 12.573 min
Delta R.T.: -0.024 min
Response: 3336822
Conc: 19.90 ug/ml



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

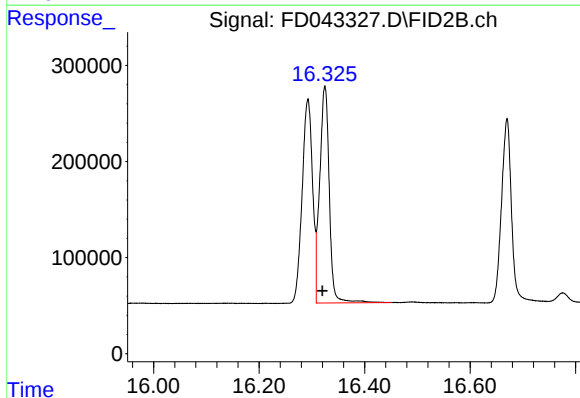
R.T.: 14.784 min
Delta R.T.: 0.015 min
Response: 3008108
Conc: 19.37 ug/ml

Instrument :
FID_D
ClientSampleId :



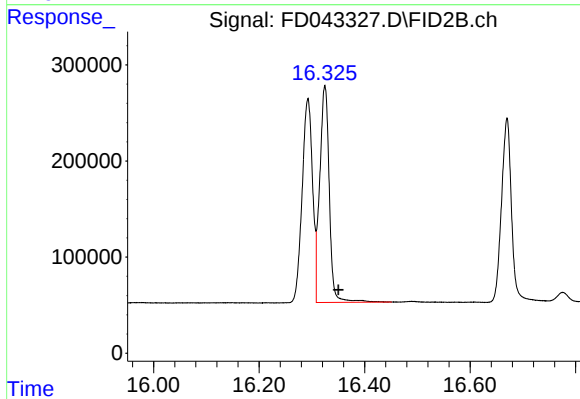
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: -0.026 min
Response: 3008108
Conc: 19.06 ug/ml



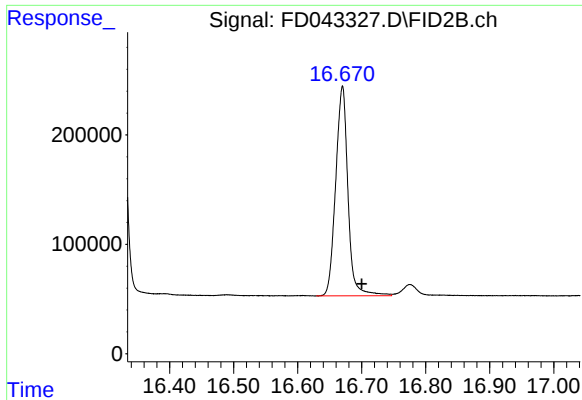
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.325 min
Delta R.T.: 0.005 min
Response: 2849818
Conc: 18.70 ug/ml



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

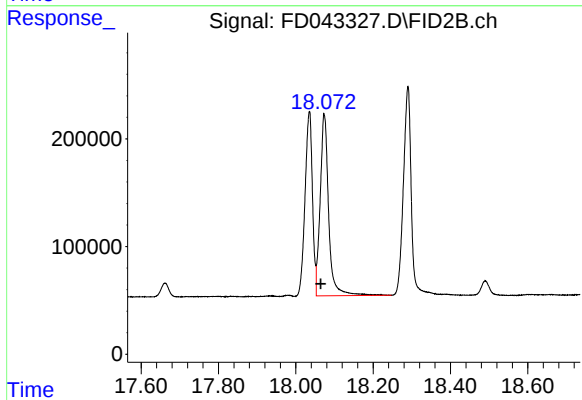
R.T.: 16.325 min
Delta R.T.: -0.026 min
Response: 2849818
Conc: 19.47 ug/ml



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

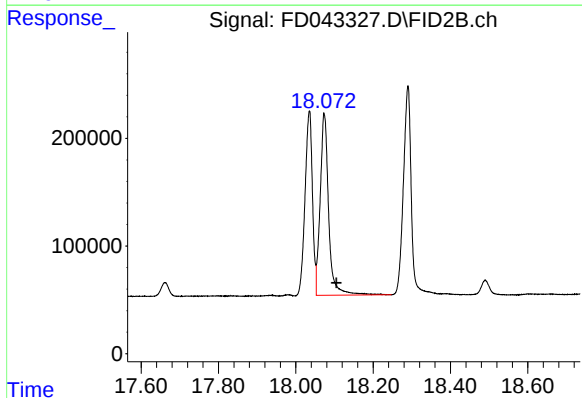
R.T.: 16.670 min
Delta R.T.: -0.030 min
Response: 2547366
Conc: 17.81 ug/ml

Instrument :
FID_D
ClientSampleId :



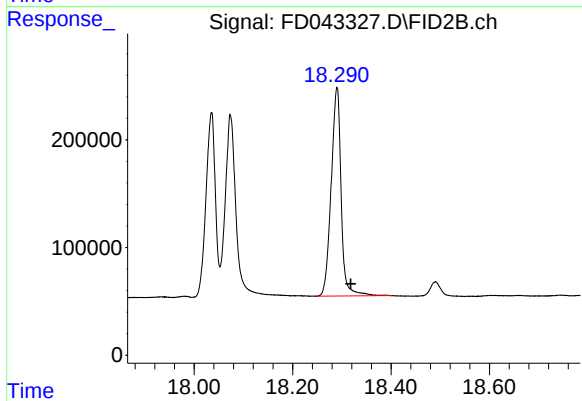
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: 0.010 min
Response: 2577237
Conc: 20.60 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.031 min
Response: 2577237
Conc: 19.17 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.028 min
Response: 2725337
Conc: 20.90 ug/ml