

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD113022AR\
 Data File : FD044548.D
 Signal(s) : FID2B.ch
 Acq On : 30 Nov 2022 10:41
 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: Dec 01 02:57:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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

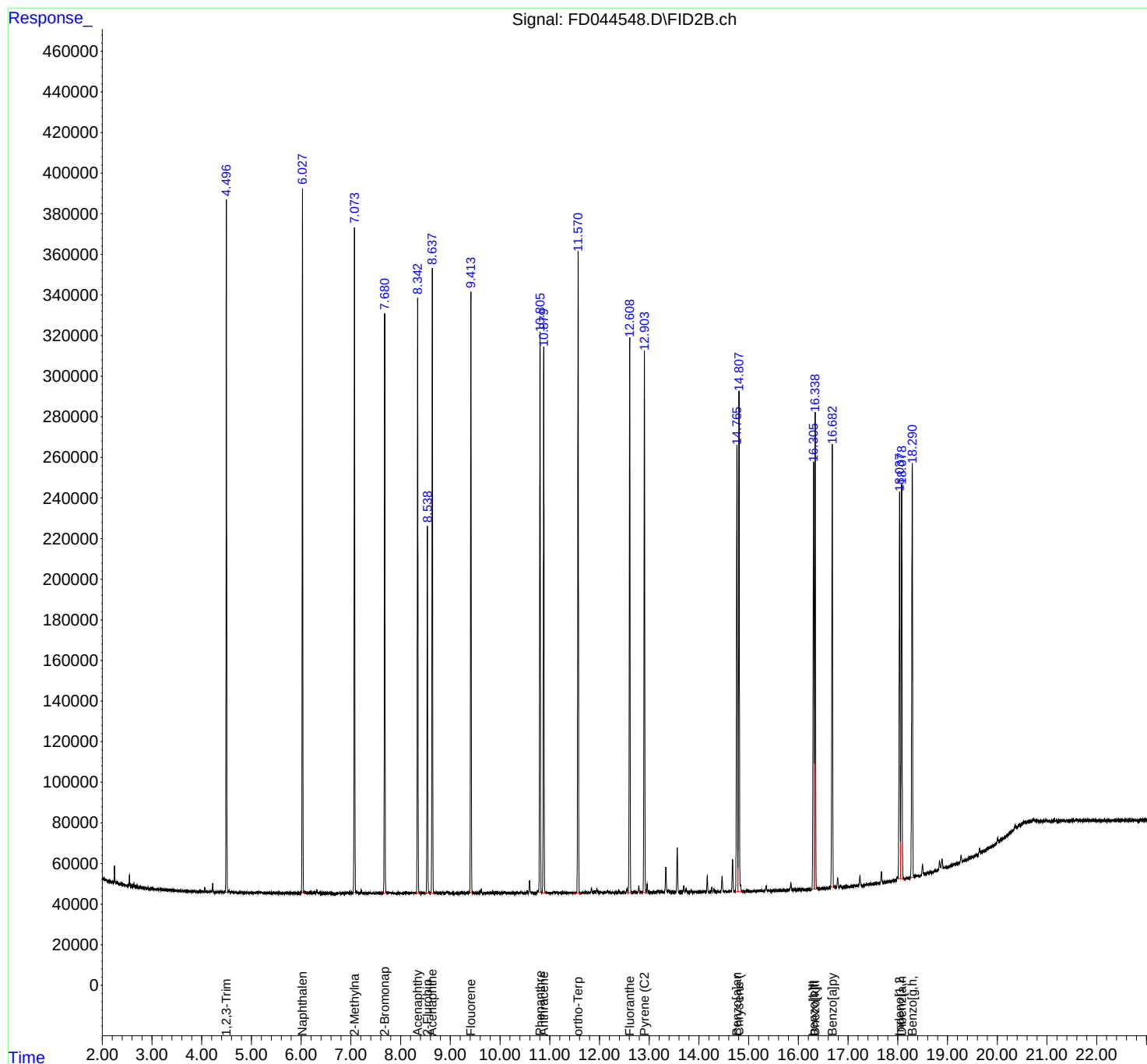
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.680	2650882	20.426 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
6) S 2-Fluorobiphenyl (SURR)	8.538	1794454	20.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.571	3322162	20.413 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2919620	20.459 ug/ml
2) T Naphthalene (C11.7)	6.027	3074594	20.449 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	3082606	20.402 ug/ml
5) T Acenaphthylene (C15.06)	8.343	2821755	20.298 ug/ml
7) T Acenaphthene (C15.5)	8.637	2995831	20.414 ug/ml
8) T Flouorene (C16.55)	9.414	2942218	20.406 ug/ml
9) T Phenanthrene (C19.36)	10.805	2895003	20.301 ug/ml
10) T Anthracene (C19.43)	10.879	2774961	19.973 ug/ml
12) T Fluoranthene (C21.85)	12.608	2905086	20.378 ug/ml
13) T Pyrene (C20.8)	12.904	2844061	20.436 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2628343	20.313 ug/ml
15) T Chrysene (C27.41)	14.807	2789228	20.689 ug/ml
16) T benzo[b]fluoranthene ...	16.306	2680375	20.365 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	2684736	20.617 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	2602517	20.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2491135	19.546 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	2478009	19.694 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	2582926	20.082 ug/ml

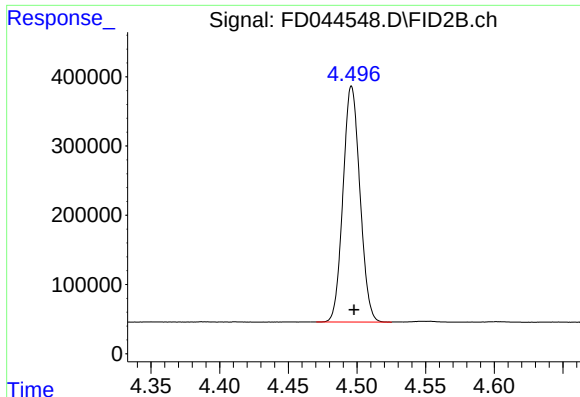
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

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

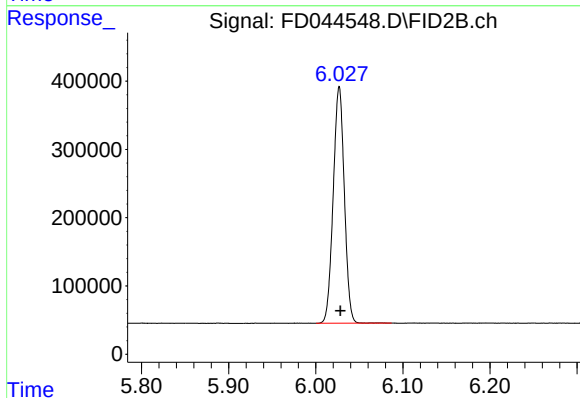




#1 1,2,3-Trimethylbenzene (C10.1)

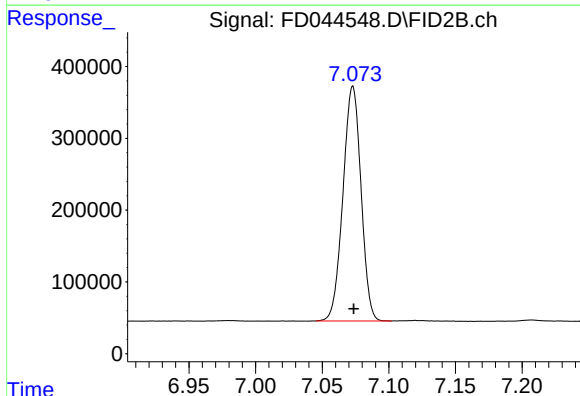
R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 2919620
Conc: 20.46 ug/ml

Instrument :
FID_D
ClientSampleId :



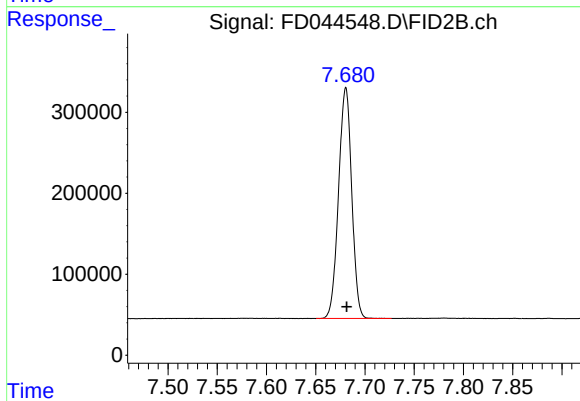
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 3074594
Conc: 20.45 ug/ml



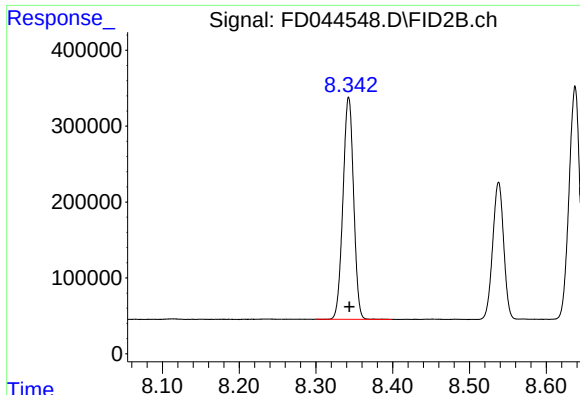
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 3082606
Conc: 20.40 ug/ml



#4 2-Bromonaphthalene (SURR)

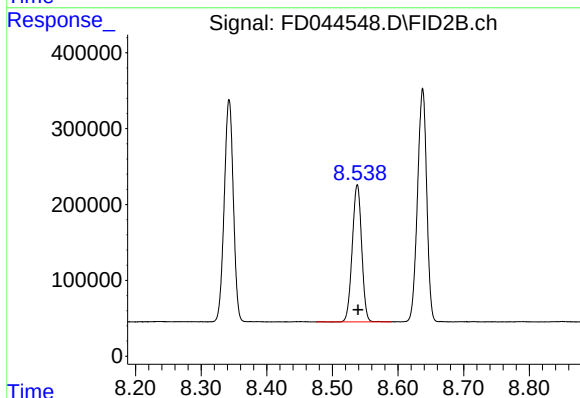
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 2650882
Conc: 20.43 ug/ml



#5 Acenaphthylene (C15.06)

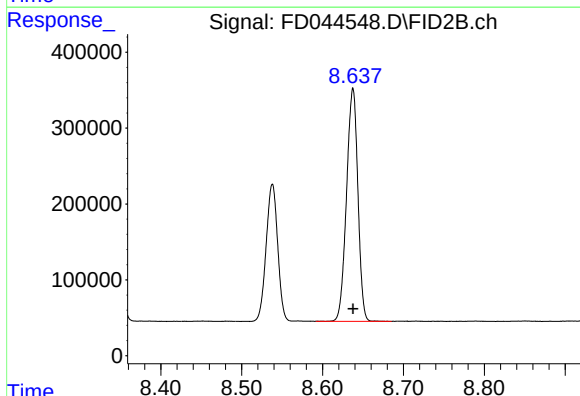
R.T.: 8.343 min
Delta R.T.: -0.001 min
Response: 2821755
Conc: 20.30 ug/ml

Instrument :
FID_D
ClientSampleId :



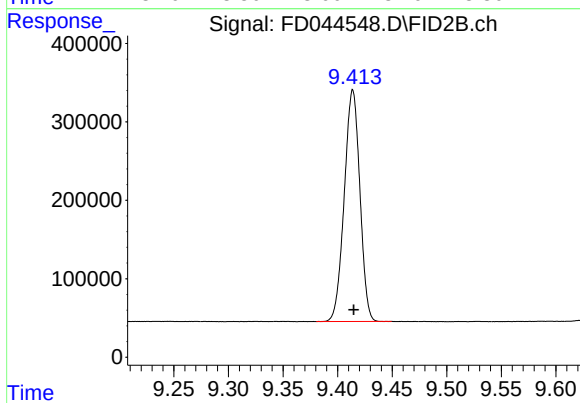
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 1794454
Conc: 20.32 ug/ml



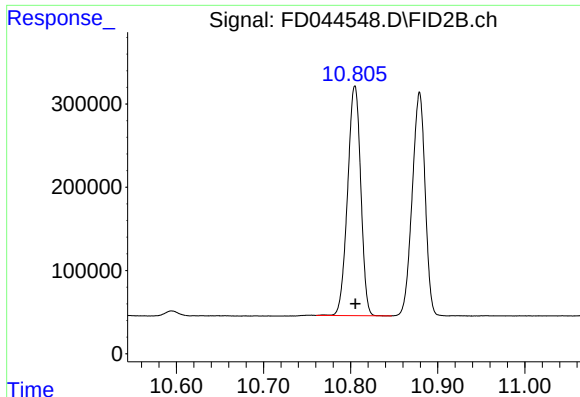
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 2995831
Conc: 20.41 ug/ml



#8 Flouorene (C16.55)

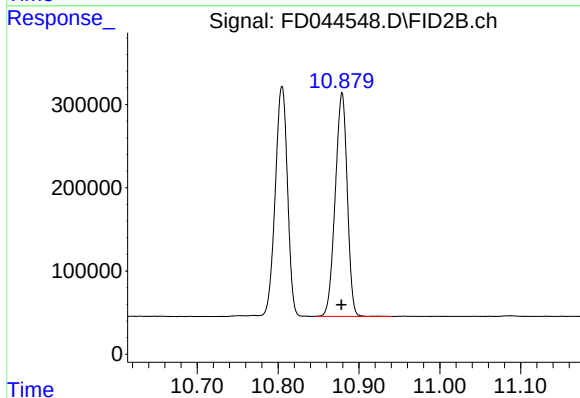
R.T.: 9.414 min
Delta R.T.: -0.001 min
Response: 2942218
Conc: 20.41 ug/ml



#9 Phenanthrene (C19.36)

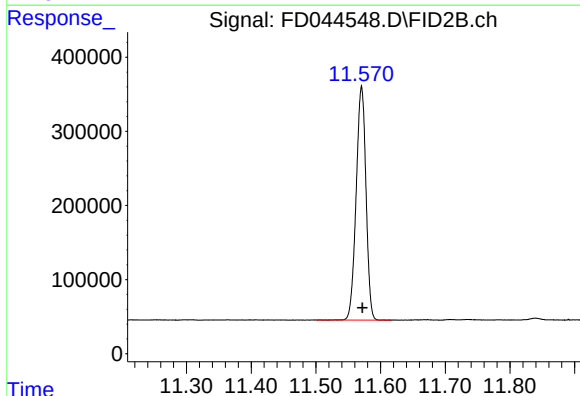
R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 2895003
Conc: 20.30 ug/ml

Instrument :
FID_D
ClientSampleId :



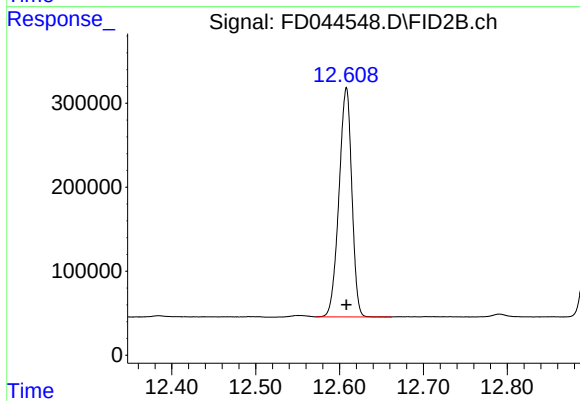
#10 Anthracene (C19.43)

R.T.: 10.879 min
Delta R.T.: 0.000 min
Response: 2774961
Conc: 19.97 ug/ml



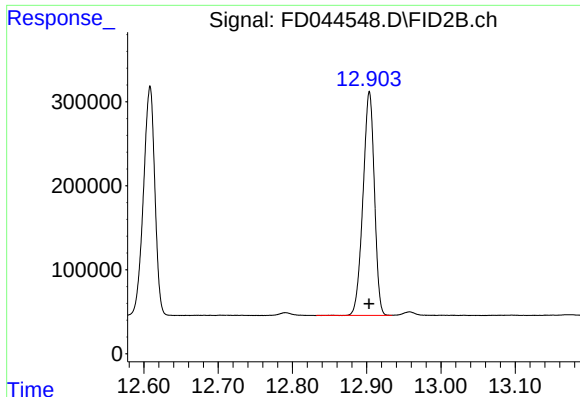
#11 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.001 min
Response: 3322162
Conc: 20.41 ug/ml



#12 Fluoranthene (C21.85)

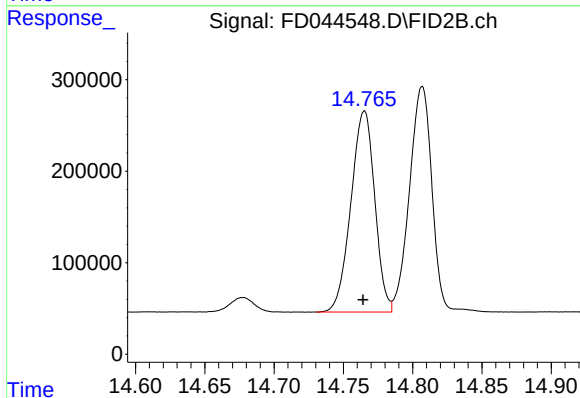
R.T.: 12.608 min
Delta R.T.: 0.000 min
Response: 2905086
Conc: 20.38 ug/ml



#13 Pyrene (C20.8)

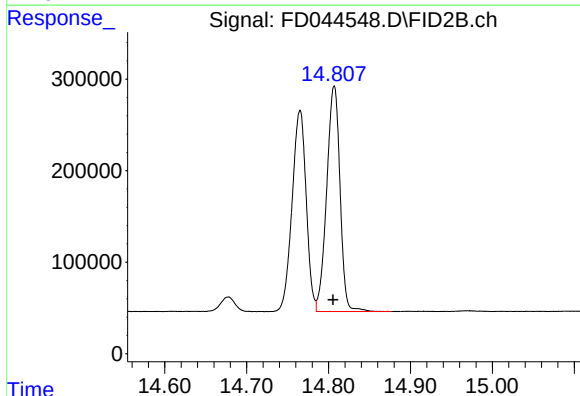
R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 2844061
Conc: 20.44 ug/ml

Instrument :
FID_D
ClientSampleId :



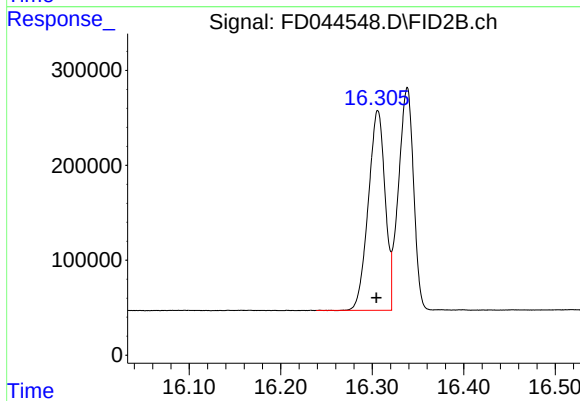
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2628343
Conc: 20.31 ug/ml



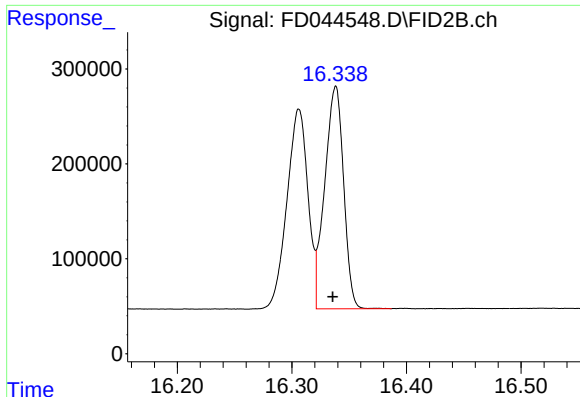
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.001 min
Response: 2789228
Conc: 20.69 ug/ml



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

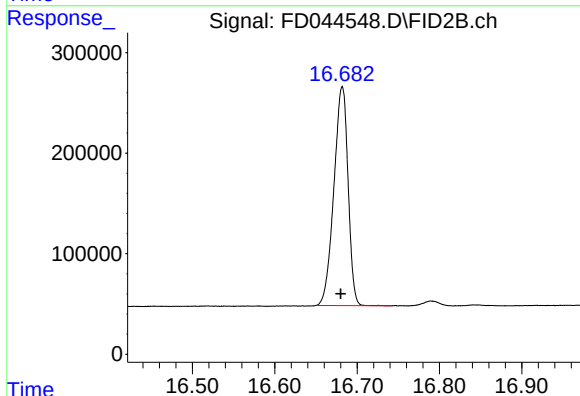
R.T.: 16.306 min
Delta R.T.: 0.001 min
Response: 2680375
Conc: 20.36 ug/ml



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

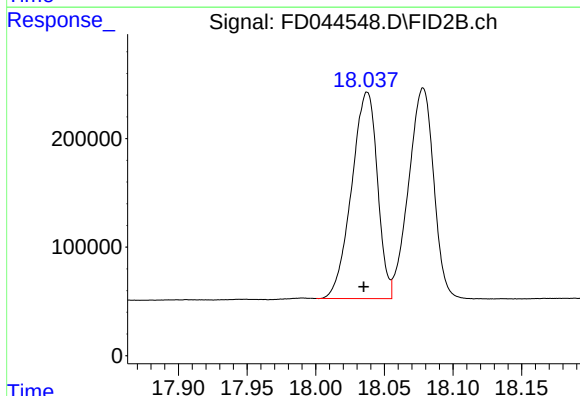
R.T.: 16.338 min
Delta R.T.: 0.002 min
Response: 2684736
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



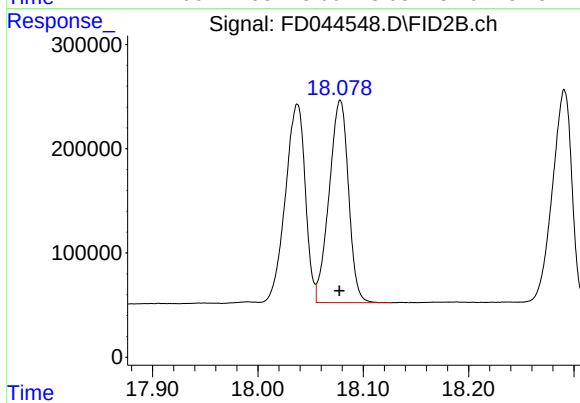
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: 0.002 min
Response: 2602517
Conc: 20.14 ug/ml



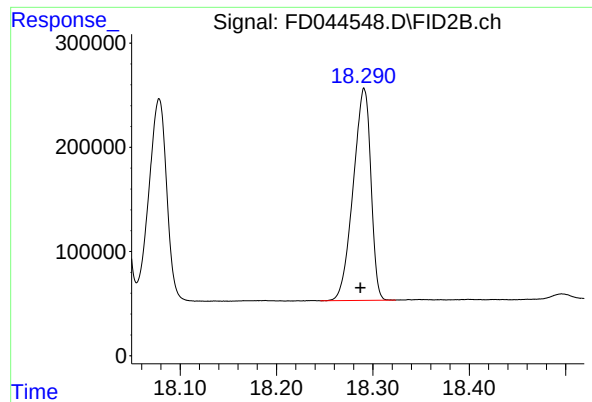
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.002 min
Response: 2491135
Conc: 19.55 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 2478009
Conc: 19.69 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.003 min
Response: 2582926
Conc: 20.08 ug/ml

Instrument :

FID_D

ClientSampleId :