

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044711.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 10:26
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 25 16:33:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:32:43 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...	7.664	7309772	52.709 ug/ml
Spiked Amount 50.000		Recovery =	105.42%
6) S 2-Fluorobiphenyl (SURR)	8.522	4928277	52.930 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.86%
11) S ortho-Terphenyl (SURR)	11.553	9111824	52.628 ug/ml
Spiked Amount 50.000		Recovery =	105.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	8117023	52.206 ug/ml
2) T Naphthalene (C11.7)	6.011	8457190	52.298 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	8484847	52.665 ug/ml
5) T Acenaphthylene (C15.06)	8.327	7598541	51.392 ug/ml
7) T Acenaphthene (C15.5)	8.622	8203505	52.560 ug/ml
8) T Flouorene (C16.55)	9.399	8082923	52.475 ug/ml
9) T Phenanthrene (C19.36)	10.788	7953826	52.592 ug/ml
10) T Anthracene (C19.43)	10.861	5582216	38.834 ug/ml
12) T Fluoranthene (C21.85)	12.591	7923403	52.725 ug/ml
13) T Pyrene (C20.8)	12.887	7755563	52.679 ug/ml
14) T Benzo[a]anthracene (C...	14.746	7192240	51.634 ug/ml
15) T Chrysene (C27.41)	14.790	7632882	52.375 ug/ml
16) T benzo[b]fluoranthene ...	16.288	7700208	53.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	7527960	52.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	7411992	52.280 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	7316851	54.441 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	7271606	52.609 ug/ml
21) T Benzo[g,h,i]perylene ...	18.279	7337049	53.675 ug/ml

(f)=RT Delta > 1/2 Window

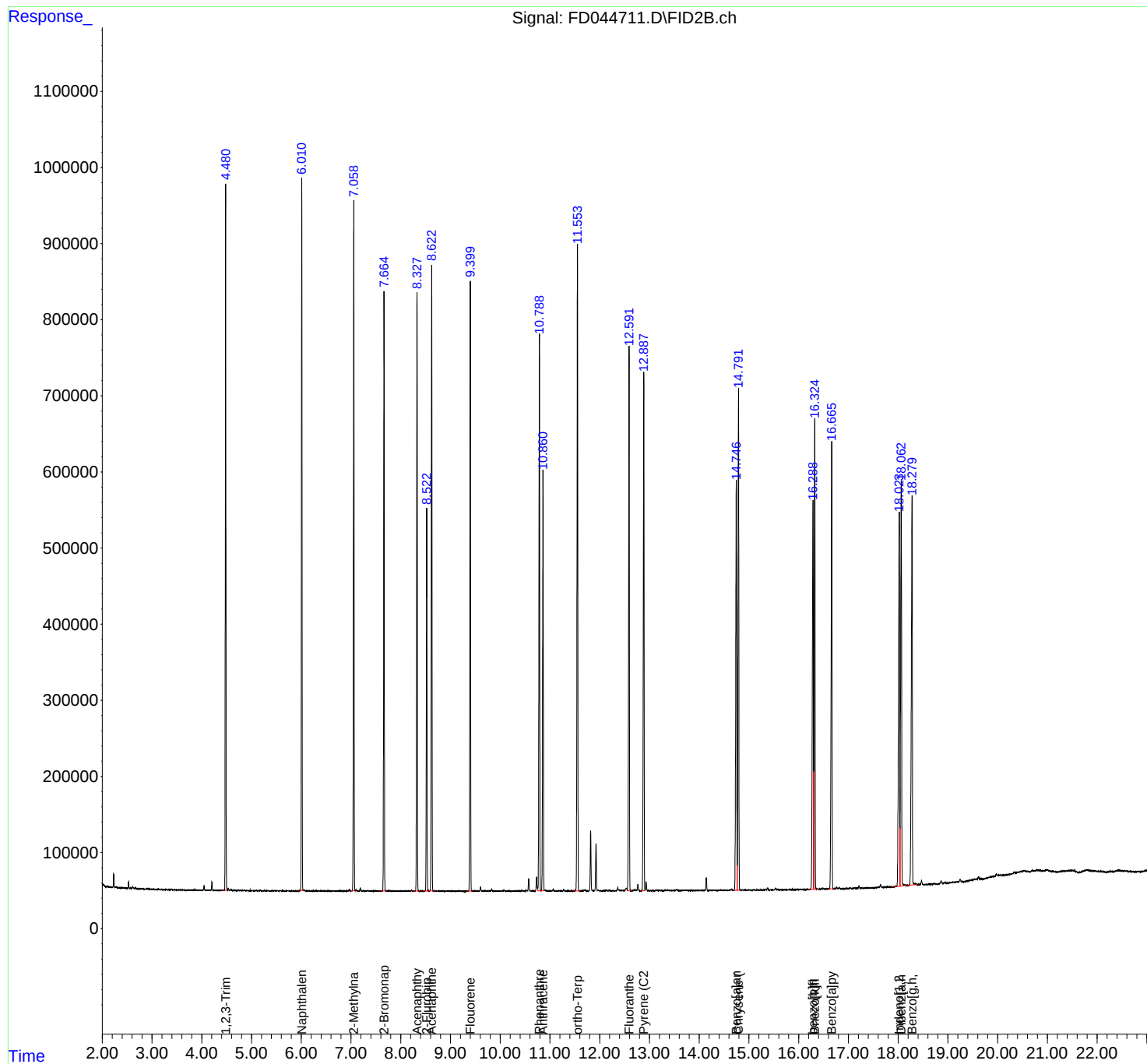
(m)=manual int.

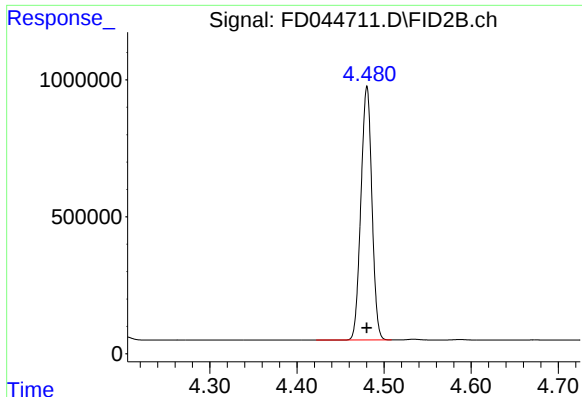
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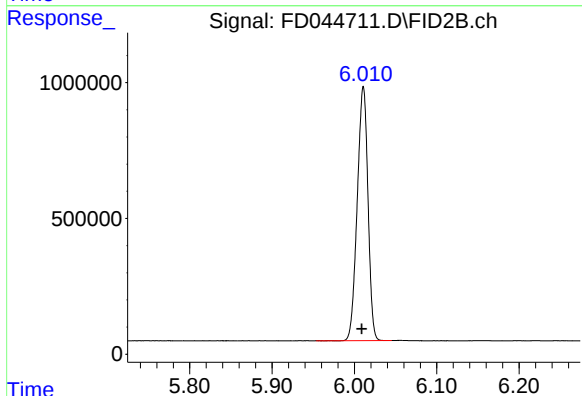




#1 1,2,3-Trimethylbenzene (C10.1)

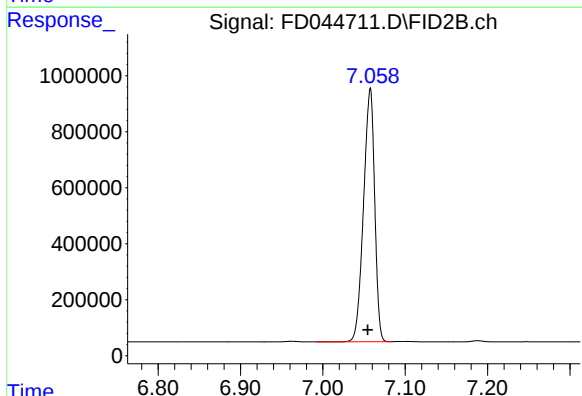
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 8117023
Conc: 52.21 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



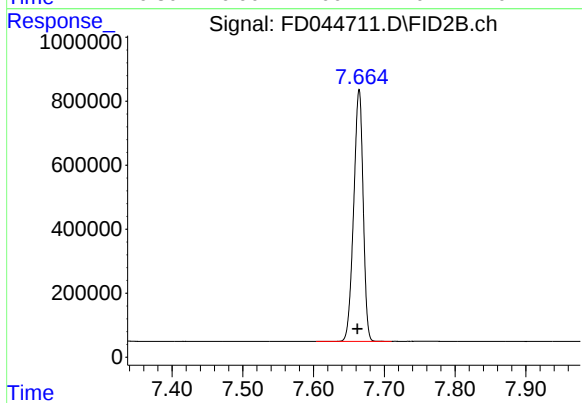
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 8457190
Conc: 52.30 ug/ml



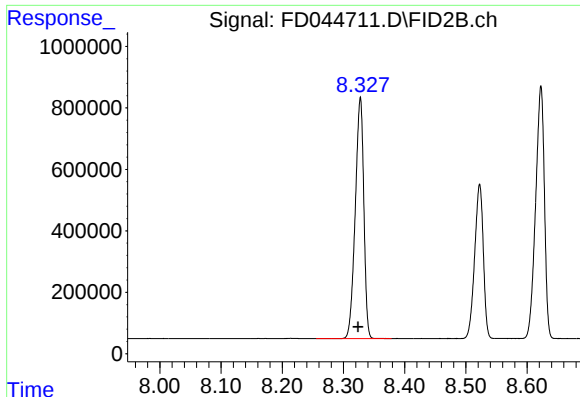
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.003 min
Response: 8484847
Conc: 52.67 ug/ml



#4 2-Bromonaphthalene (SURR)

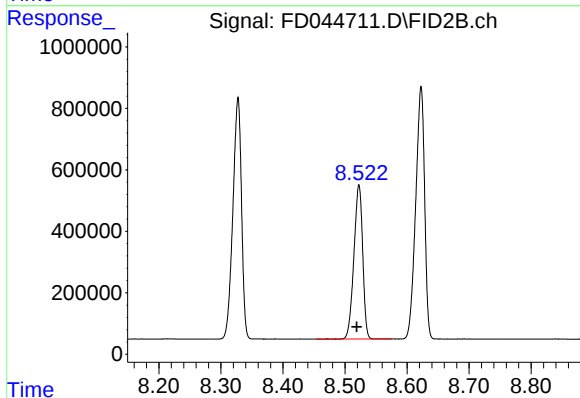
R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 7309772
Conc: 52.71 ug/ml



#5 Acenaphthylene (C15.06)

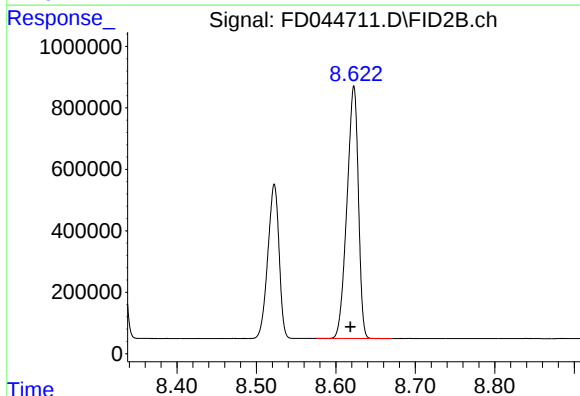
R.T.: 8.327 min
Delta R.T.: 0.003 min
Response: 7598541
Conc: 51.39 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



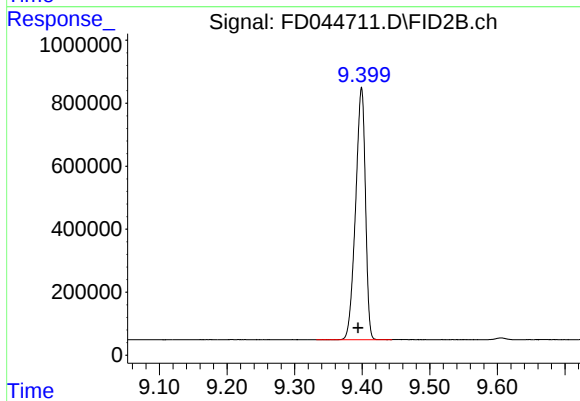
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.522 min
Delta R.T.: 0.004 min
Response: 4928277
Conc: 52.93 ug/ml



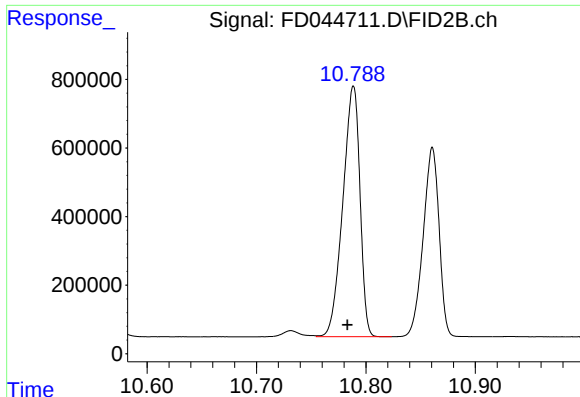
#7 Acenaphthene (C15.5)

R.T.: 8.622 min
Delta R.T.: 0.004 min
Response: 8203505
Conc: 52.56 ug/ml



#8 Fluorene (C16.55)

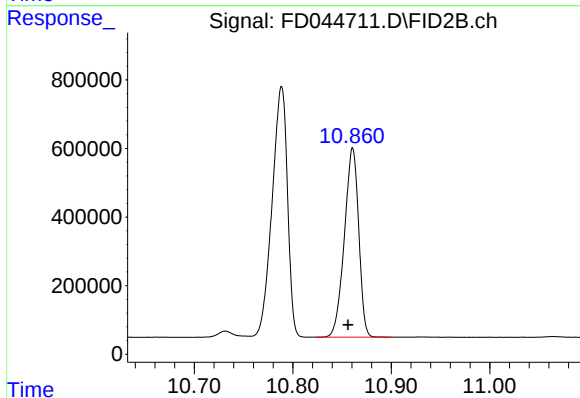
R.T.: 9.399 min
Delta R.T.: 0.005 min
Response: 8082923
Conc: 52.48 ug/ml



#9 Phenanthrene (C19.36)

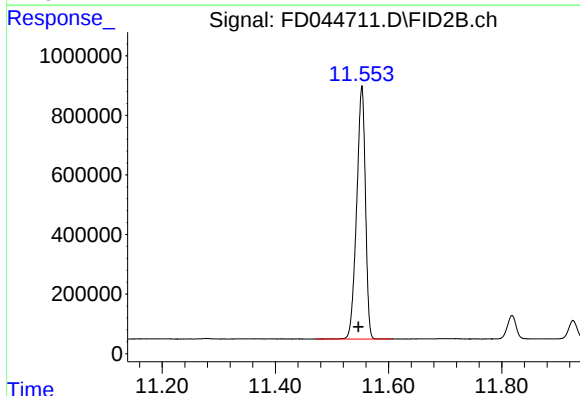
R.T.: 10.788 min
Delta R.T.: 0.005 min
Response: 7953826
Conc: 52.59 ug/ml

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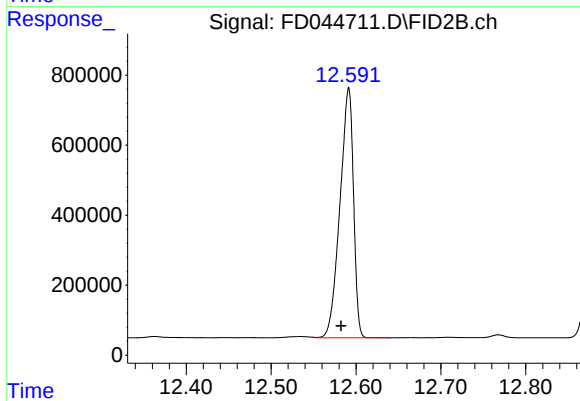
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.004 min
Response: 5582216
Conc: 38.83 ug/ml



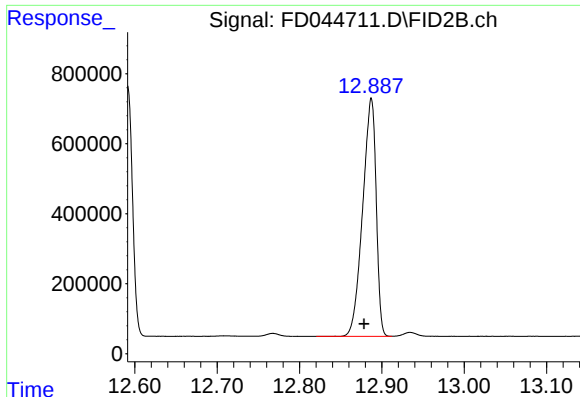
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: 0.006 min
Response: 9111824
Conc: 52.63 ug/ml



#12 Fluoranthene (C21.85)

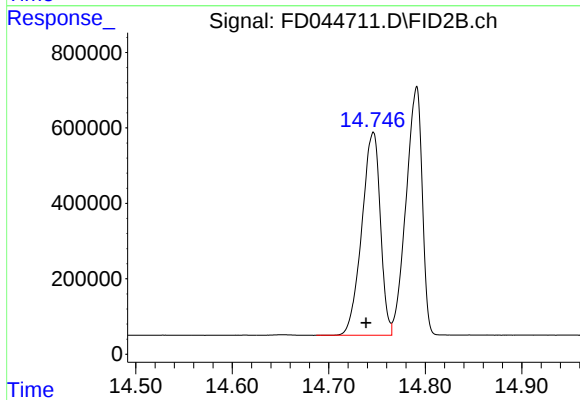
R.T.: 12.591 min
Delta R.T.: 0.008 min
Response: 7923403
Conc: 52.73 ug/ml



#13 Pyrene (C20.8)

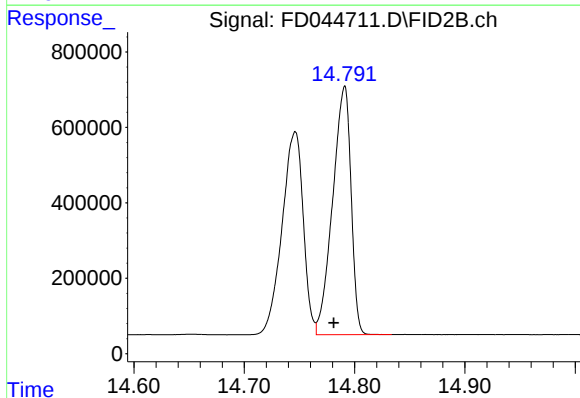
R.T.: 12.887 min
Delta R.T.: 0.008 min
Response: 7755563
Conc: 52.68 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



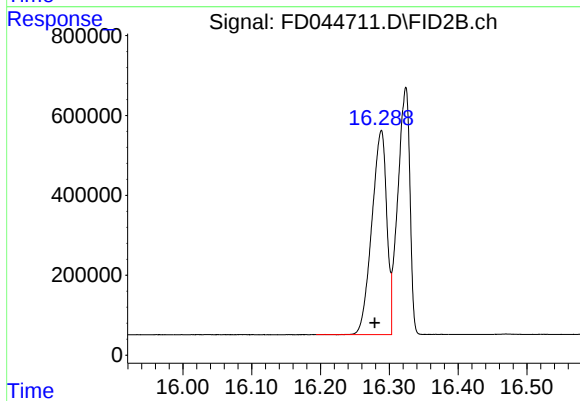
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: 0.007 min
Response: 7192240
Conc: 51.63 ug/ml



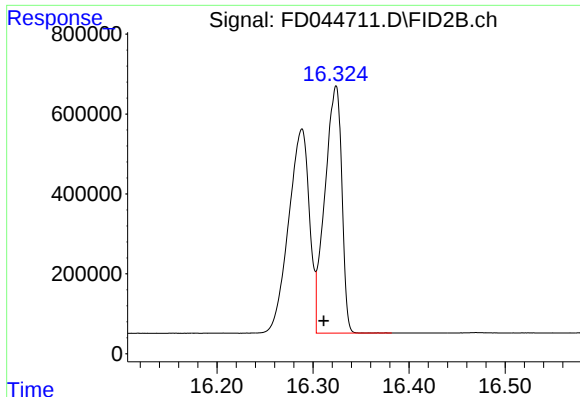
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.009 min
Response: 7632882
Conc: 52.38 ug/ml



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

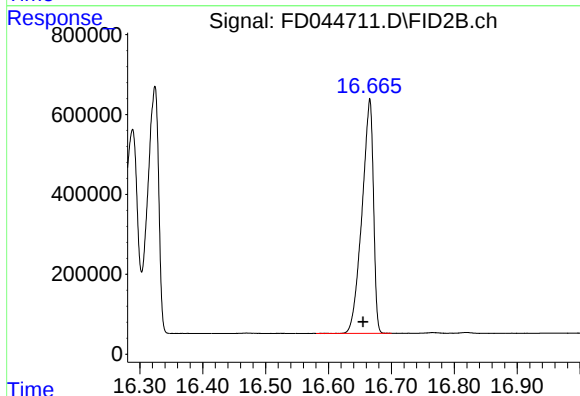
R.T.: 16.288 min
Delta R.T.: 0.009 min
Response: 7700208
Conc: 53.27 ug/ml



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

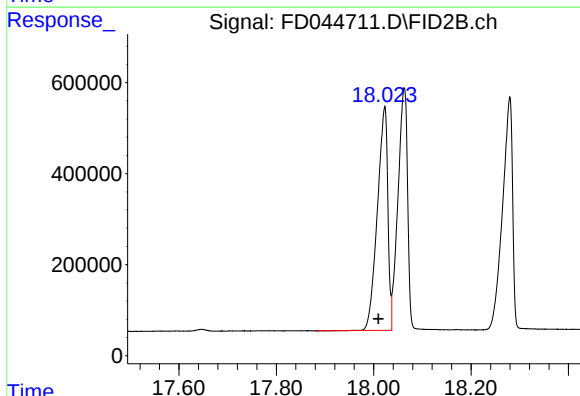
R.T.: 16.323 min
Delta R.T.: 0.012 min
Response: 7527960
Conc: 52.44 ug/ml

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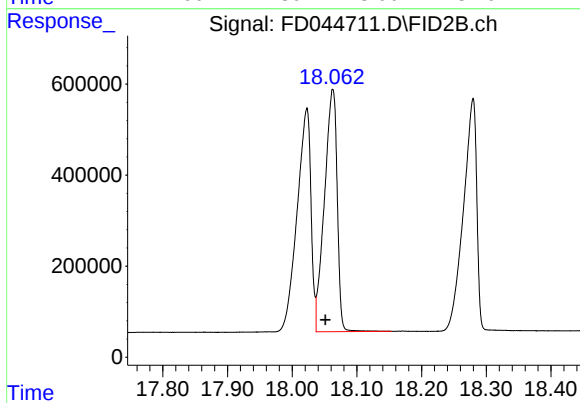
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: 0.010 min
Response: 7411992
Conc: 52.28 ug/ml



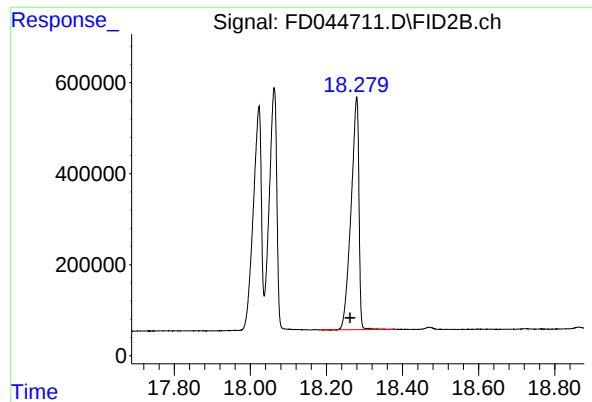
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: 0.012 min
Response: 7316851
Conc: 54.44 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.011 min
Response: 7271606
Conc: 52.61 ug/ml



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

R.T.: 18.279 min
Delta R.T.: 0.017 min
Response: 7337049
Conc: 53.68 ug/ml

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