

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122123AR\
 Data File : FD047064.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2023 14:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:29:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 13:19:40 2023
 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...	7.470	3711304	21.135 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
6) S 2-Fluorobiphenyl (SURR)	8.323	2300420	21.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.53%
11) S ortho-Terphenyl (SURR)	11.360	4332057	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	4049712	21.018 ug/ml
2) T Naphthalene (C11.7)	5.811	4131255	21.212 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	4110995	21.131 ug/ml
5) T Acenaphthylene (C15.06)	8.127	3715286	21.214 ug/ml
7) T Acenaphthene (C15.5)	8.422	4016495	21.277 ug/ml
8) T Flouorene (C16.55)	9.200	3660071	21.302 ug/ml
9) T Phenanthrene (C19.36)	10.587	3405581	20.781 ug/ml
10) T Anthracene (C19.43)	10.661	2236171	20.948 ug/ml
12) T Fluoranthene (C21.85)	12.390	3347687	20.951 ug/ml
13) T Pyrene (C20.8)	12.683	3243512	20.981 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2521947	20.335 ug/ml
15) T Chrysene (C27.41)	14.588	2942969	19.824 ug/ml
16) T benzo[b]fluoranthene ...	16.090	2818570	20.886 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.120	2804782	19.816 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2613969	20.351 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2025988	17.978 ug/mlm
20) T Dibenz[a,h]anthracene...	17.861	2145150	16.252 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2547644	19.102 ug/ml

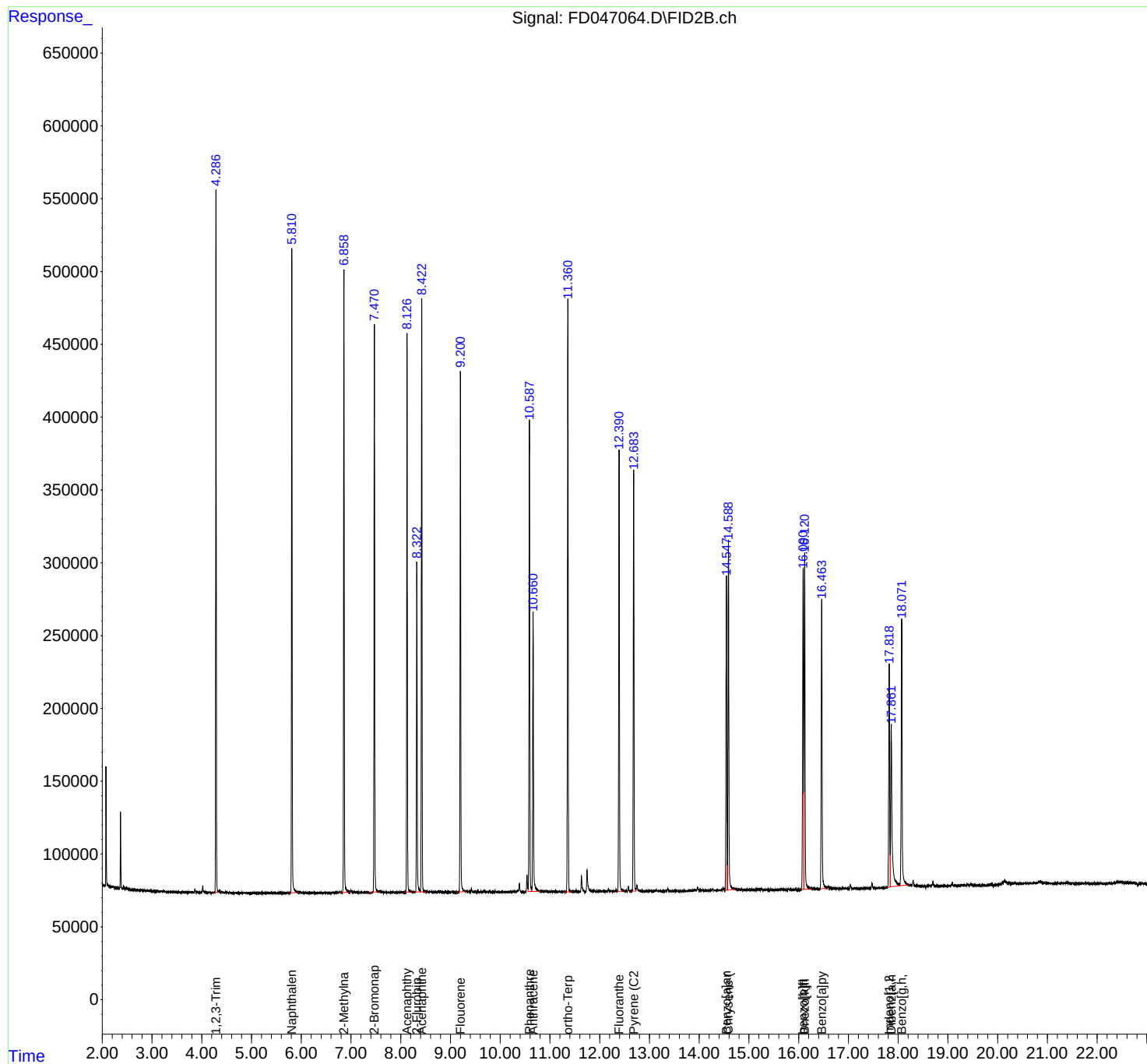
(f)=RT Delta > 1/2 Window

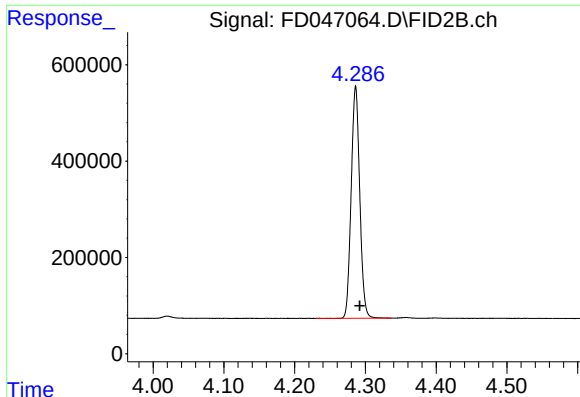
(m)=manual int.

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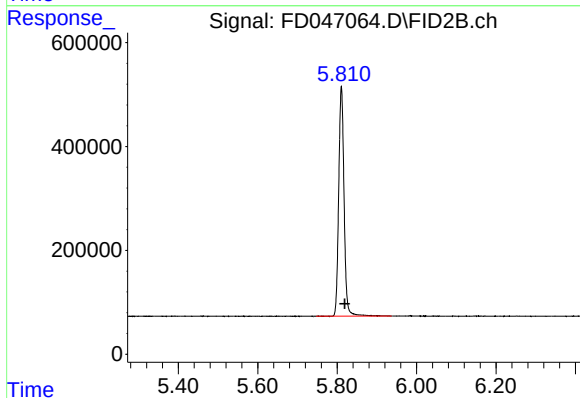
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Signal Info : 20M x 0.18mm x 0.18µm





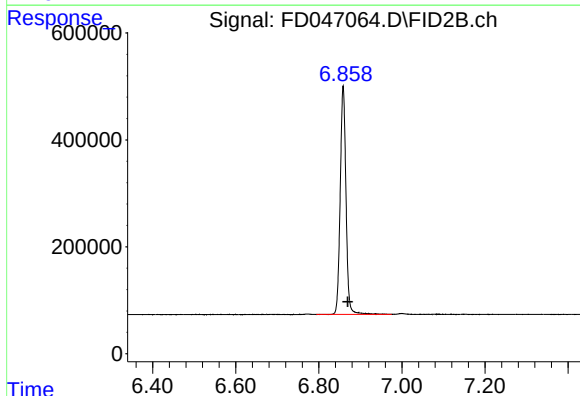
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.006 min
Response: 4049712
Conc: 21.02 ug/ml



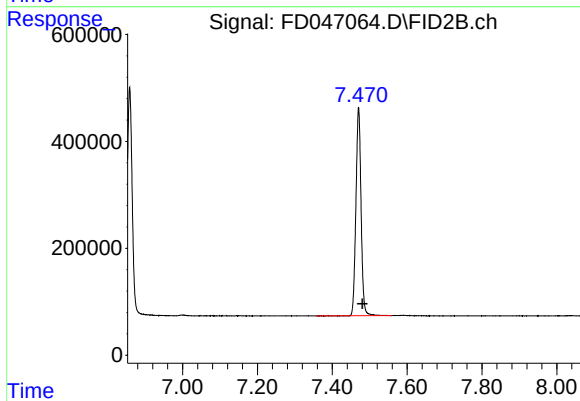
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 4131255
Conc: 21.21 ug/ml



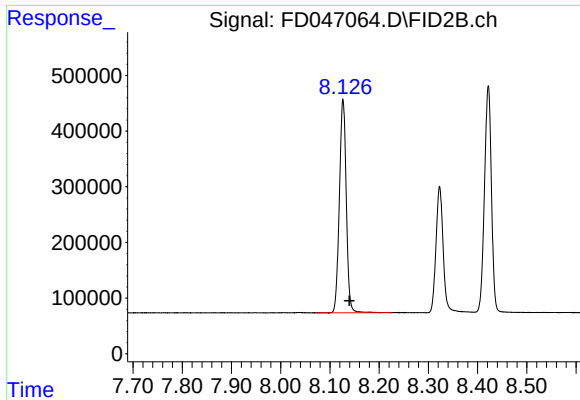
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.011 min
Response: 4110995
Conc: 21.13 ug/ml



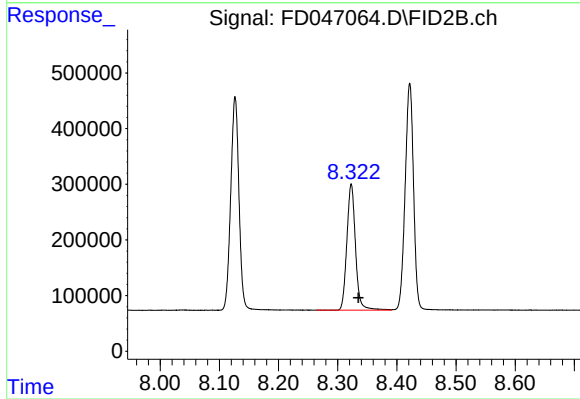
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: -0.010 min
Response: 3711304
Conc: 21.13 ug/ml



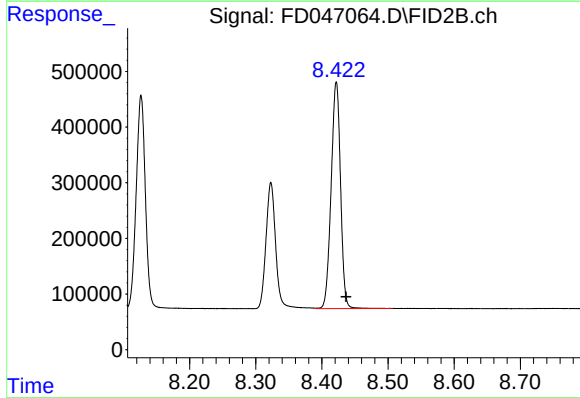
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: -0.013 min
Response: 3715286
Conc: 21.21 ug/ml



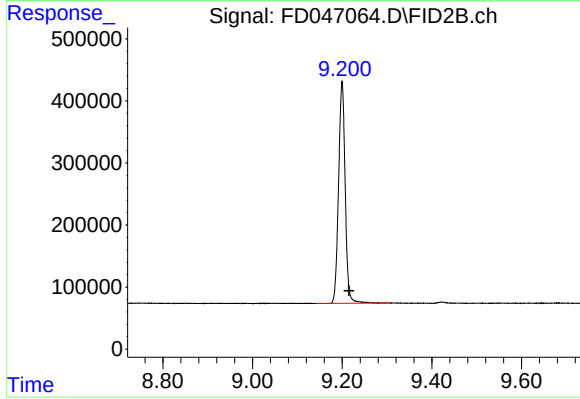
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.012 min
Response: 2300420
Conc: 21.27 ug/ml



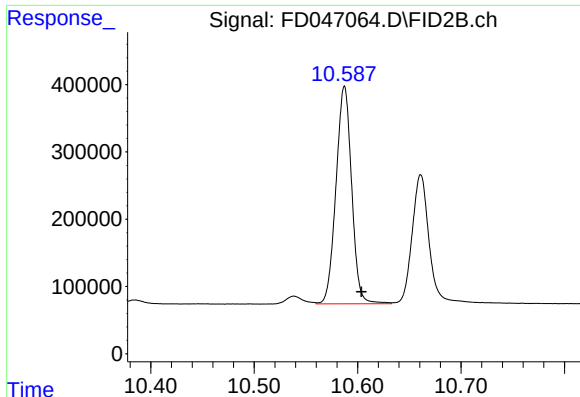
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: -0.015 min
Response: 4016495
Conc: 21.28 ug/ml



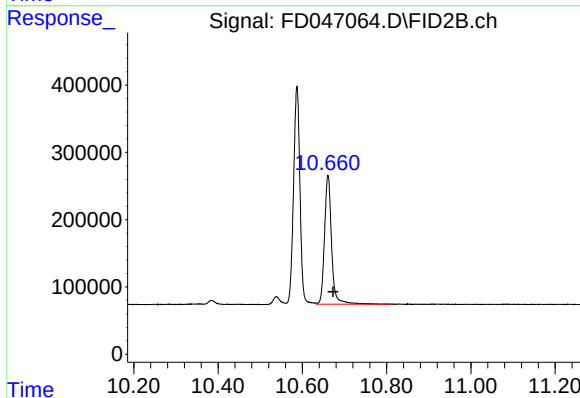
#8 Flouorene (C16.55)

R.T.: 9.200 min
Delta R.T.: -0.015 min
Response: 3660071
Conc: 21.30 ug/ml



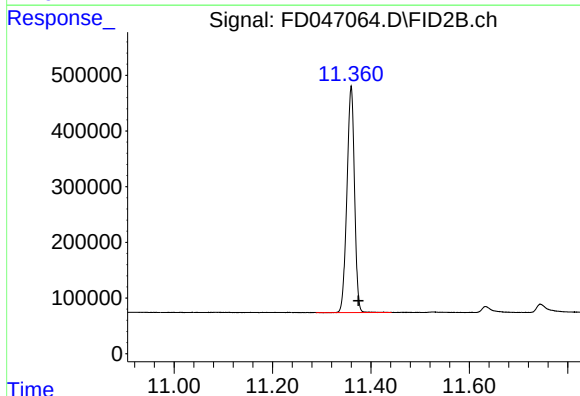
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: -0.017 min
Response: 3405581
Conc: 20.78 ug/ml



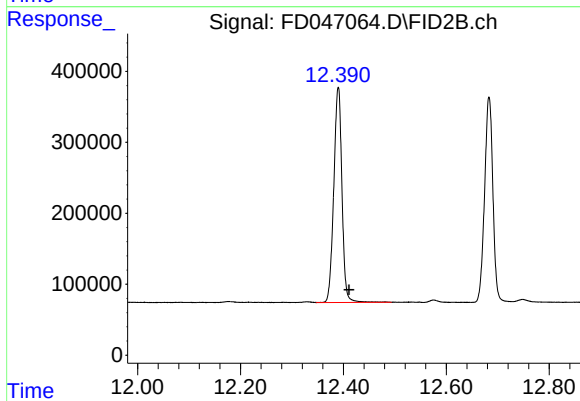
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: -0.012 min
Response: 2236171
Conc: 20.95 ug/ml



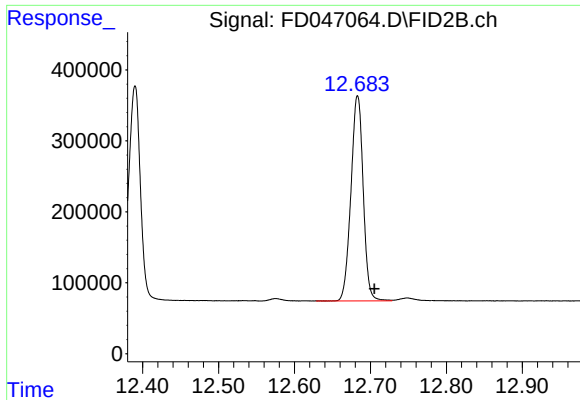
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: -0.015 min
Response: 4332057
Conc: 21.16 ug/ml



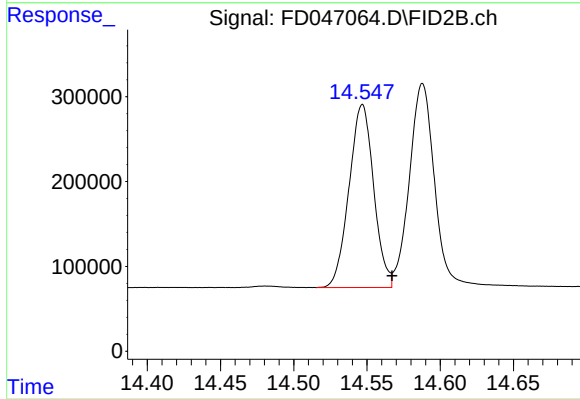
#12 Fluoranthene (C21.85)

R.T.: 12.390 min
Delta R.T.: -0.021 min
Response: 3347687
Conc: 20.95 ug/ml



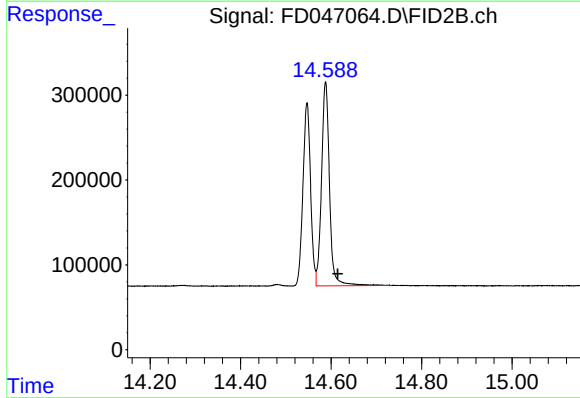
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: -0.022 min
Response: 3243512
Conc: 20.98 ug/ml



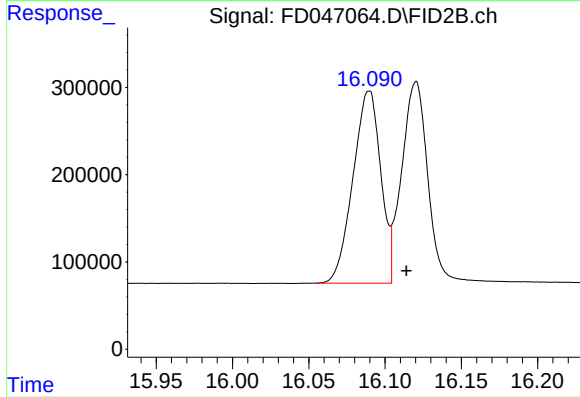
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: -0.020 min
Response: 2521947
Conc: 20.33 ug/ml



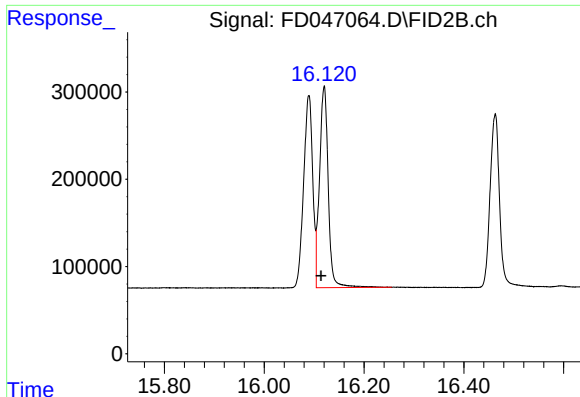
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: -0.027 min
Response: 2942969
Conc: 19.82 ug/ml



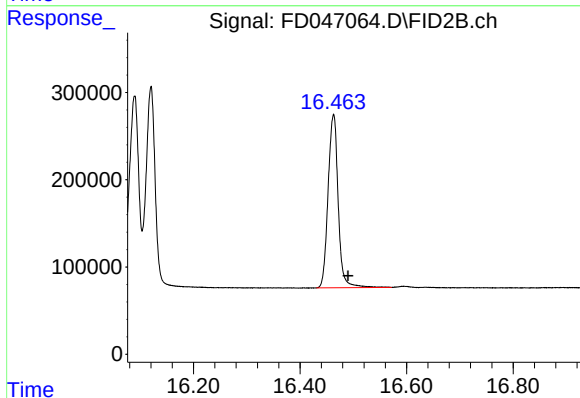
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.090 min
Delta R.T.: -0.024 min
Response: 2818570
Conc: 20.89 ug/ml m



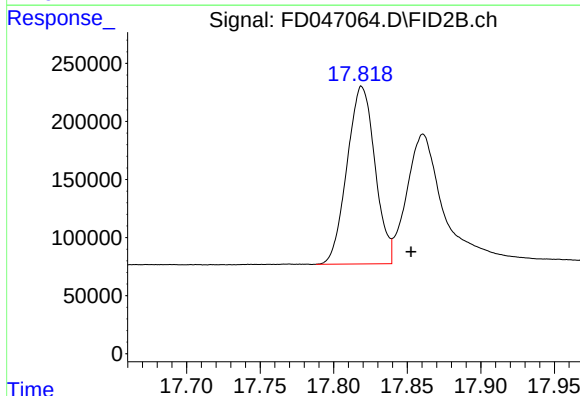
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.120 min
Delta R.T.: 0.006 min
Response: 2804782
Conc: 19.82 ug/ml



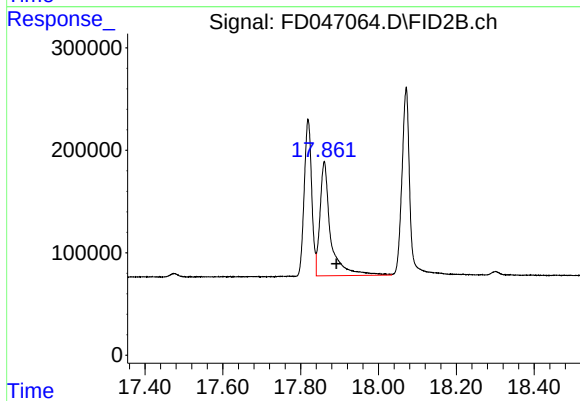
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: -0.027 min
Response: 2613969
Conc: 20.35 ug/ml



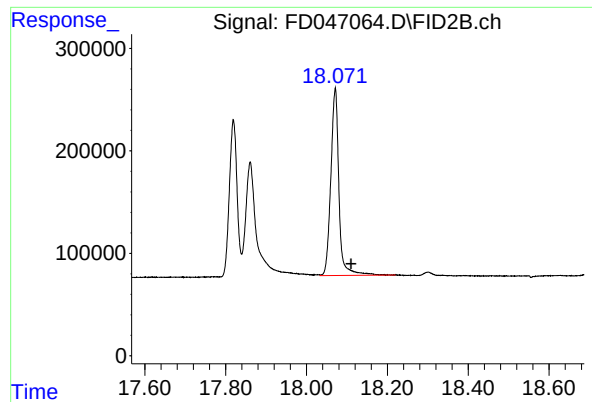
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: -0.034 min
Response: 2025988
Conc: 17.98 ug/ml m



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

R.T.: 17.861 min
Delta R.T.: -0.031 min
Response: 2145150
Conc: 16.25 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.039 min
Response: 2547644
Conc: 19.10 ug/ml