

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031423AR\
 Data File : FD045292.D
 Signal(s) : FID2B.ch
 Acq On : 14 Mar 2023 21:16
 Operator : YP/AJ
 Sample : 01898-03MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 03:56:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.551	6275077	46.240 ug/ml
Spiked Amount 50.000		Recovery =	92.48%
6) S 2-Fluorobiphenyl (SURR)	8.408	3866672	43.186 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.37%
11) S ortho-Terphenyl (SURR)	11.450	6651086	39.958 ug/ml
Spiked Amount 50.000		Recovery =	79.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	4096205	27.047 ug/ml
2) T Naphthalene (C11.7)	5.888	4904966	31.049 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5144978	32.375 ug/ml
5) T Acenaphthylene (C15.06)	8.212	5585022	38.950 ug/ml
7) T Acenaphthene (C15.5)	8.508	6709626	44.268 ug/ml
8) T Fluorene (C16.55)	9.286	5788751	39.318 ug/ml
9) T Phenanthrene (C19.36)	10.694	22452158	157.255 ug/ml
10) T Anthracene (C19.43)	10.760	8222382	58.677 ug/ml
12) T Fluoranthene (C21.85)	12.508	28356990	202.999 ug/ml
13) T Pyrene (C20.8)	12.801	22821779	167.588 ug/ml
14) T Benzo[a]anthracene (C...	14.660	14911541	116.977 ug/ml
15) T Chrysene (C27.41)	14.660	14911541	114.415 ug/ml
16) T benzo[b]fluoranthene ...	16.213	15856892	122.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	15856892	125.617 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.584	10510900	83.513 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.942	8986140	75.117 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	8986140	74.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.196	8089891	65.019 ug/ml

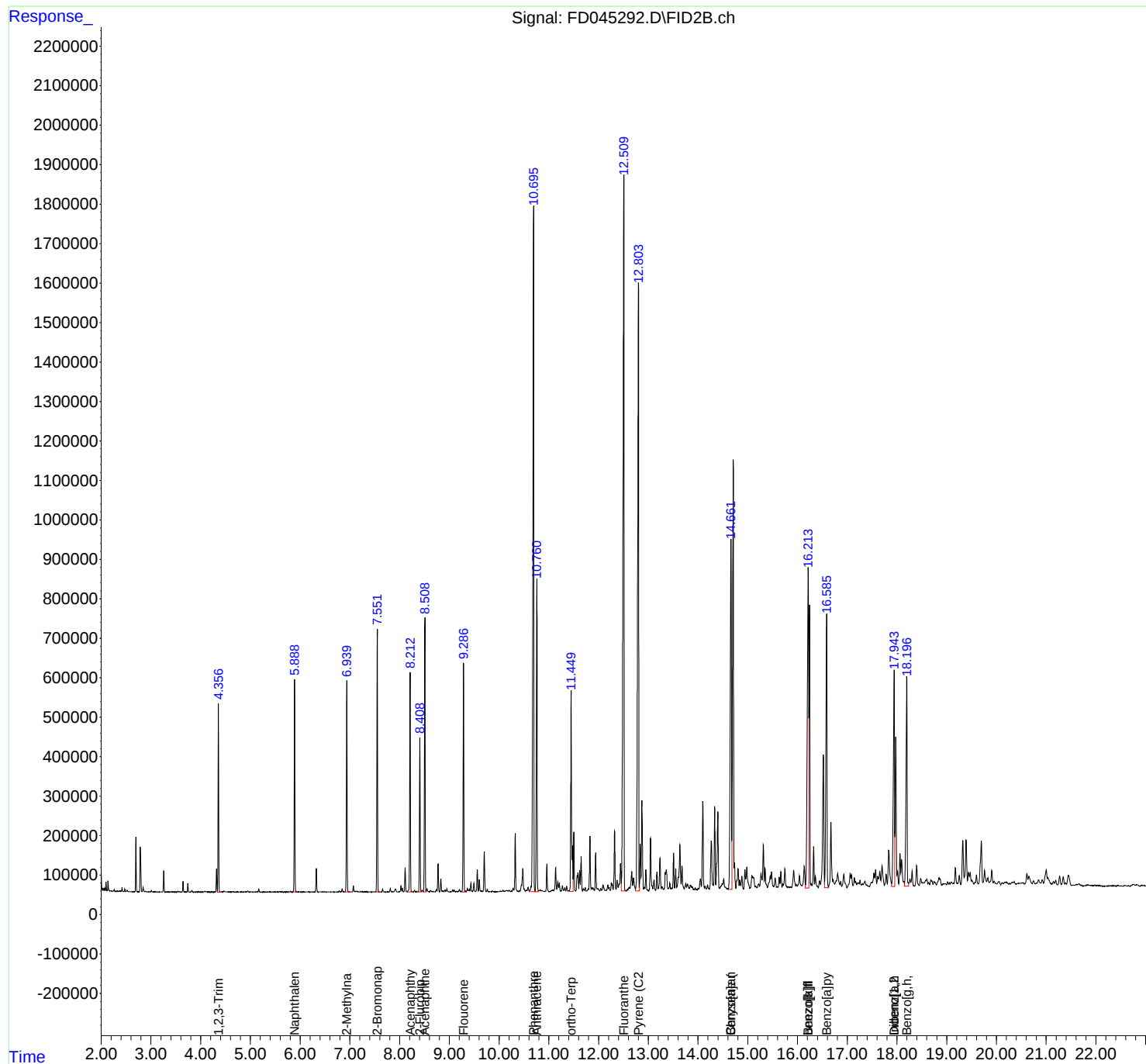
(f)=RT Delta > 1/2 Window

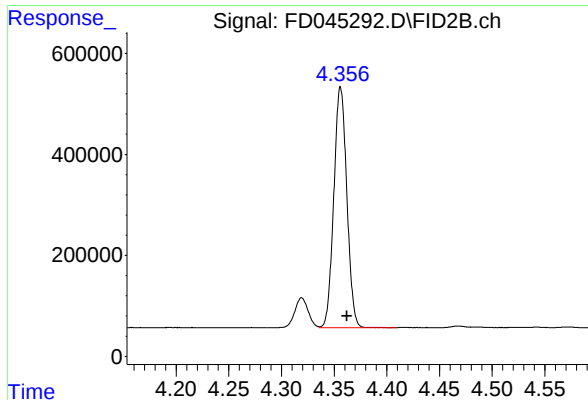
(m)=manual int.

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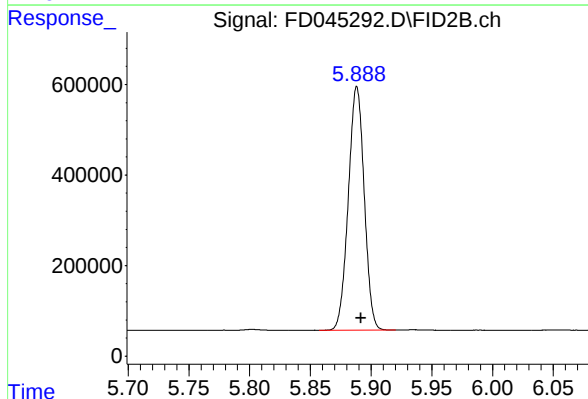
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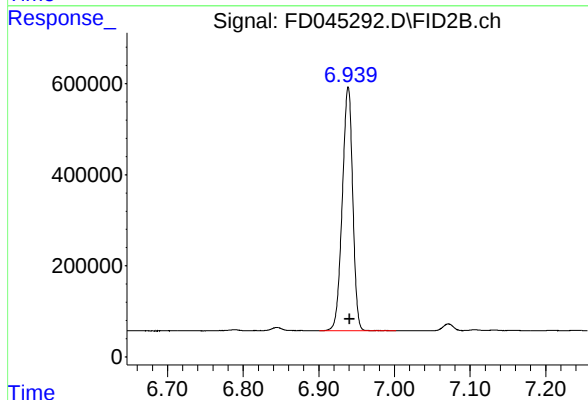
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 4096205
Conc: 27.05 ug/ml



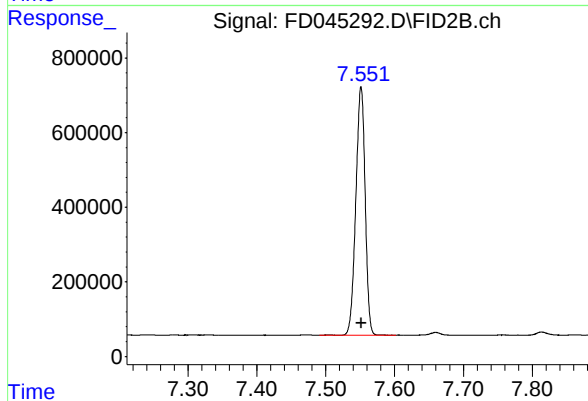
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 4904966
Conc: 31.05 ug/ml



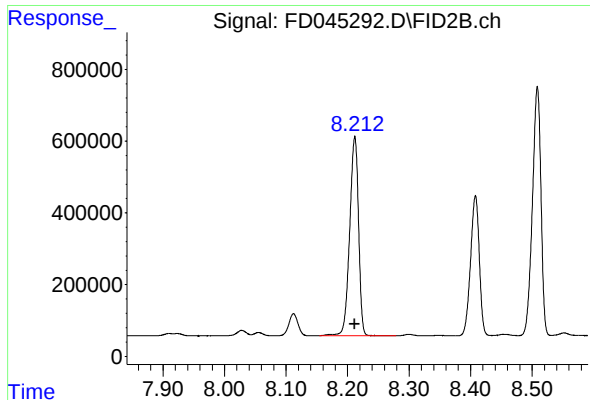
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 5144978
Conc: 32.38 ug/ml



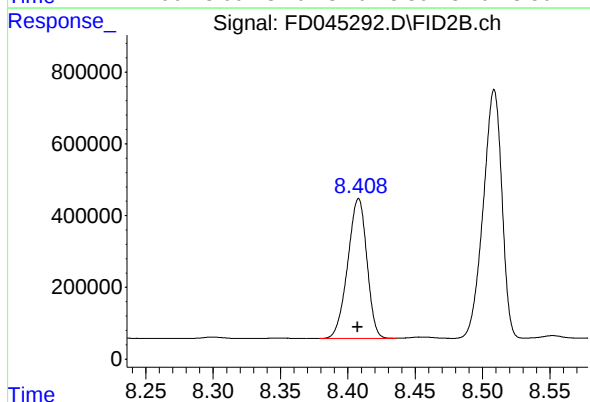
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 6275077
Conc: 46.24 ug/ml



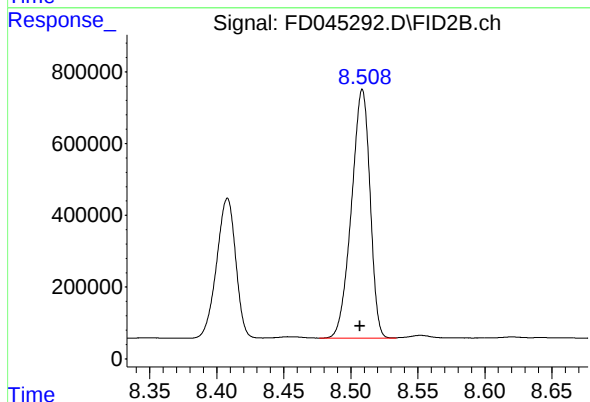
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 5585022
Conc: 38.95 ug/ml



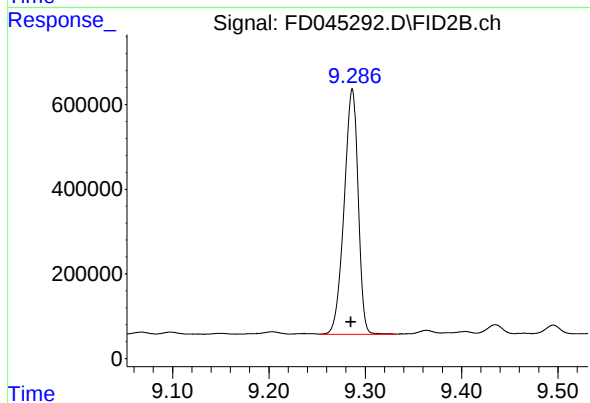
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3866672
Conc: 43.19 ug/ml



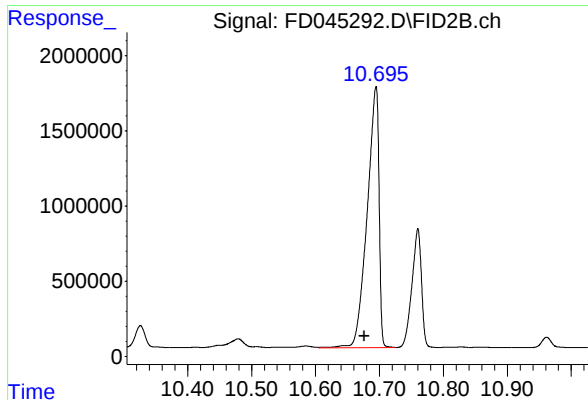
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.001 min
Response: 6709626
Conc: 44.27 ug/ml



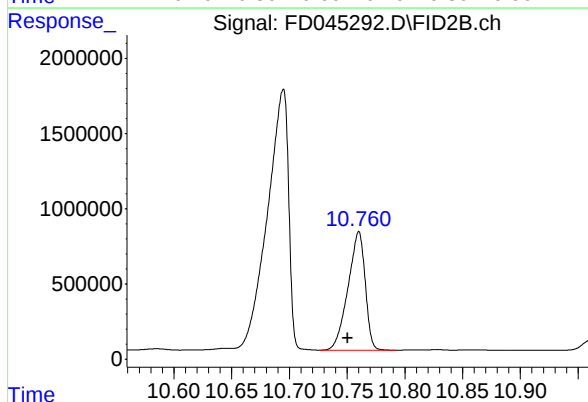
#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.001 min
Response: 5788751
Conc: 39.32 ug/ml



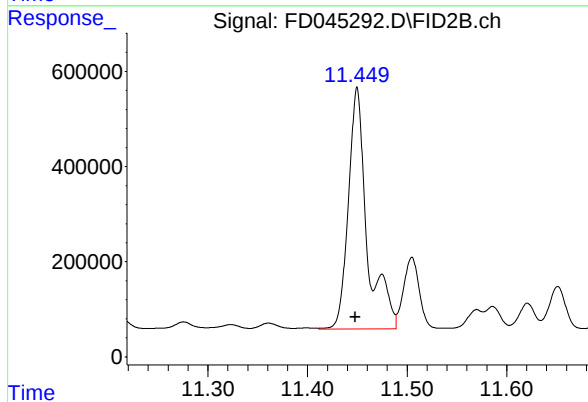
#9 Phenanthrene (C19.36)

R.T.: 10.694 min
Delta R.T.: 0.018 min
Response: 22452158
Conc: 157.26 ug/ml



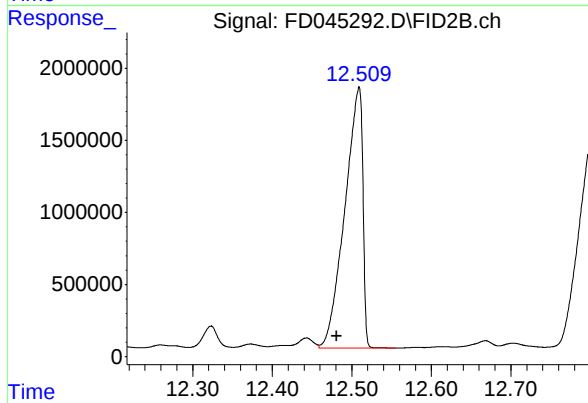
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.009 min
Response: 8222382
Conc: 58.68 ug/ml



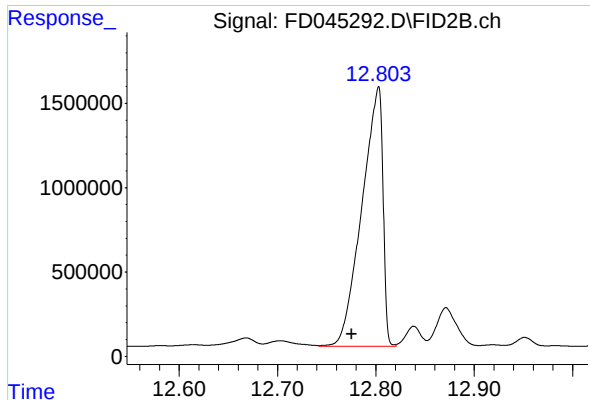
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.002 min
Response: 6651086
Conc: 39.96 ug/ml



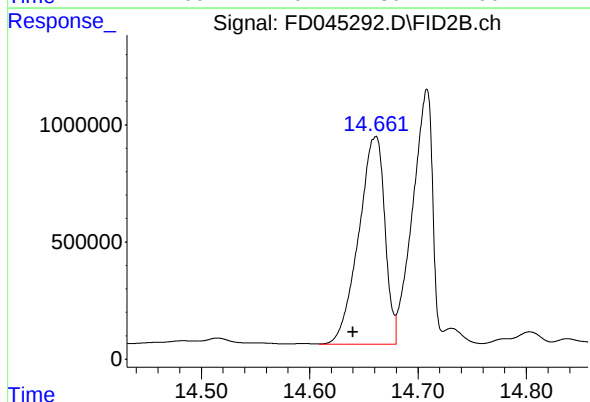
#12 Fluoranthene (C21.85)

R.T.: 12.508 min
Delta R.T.: 0.027 min
Response: 28356990
Conc: 203.00 ug/ml



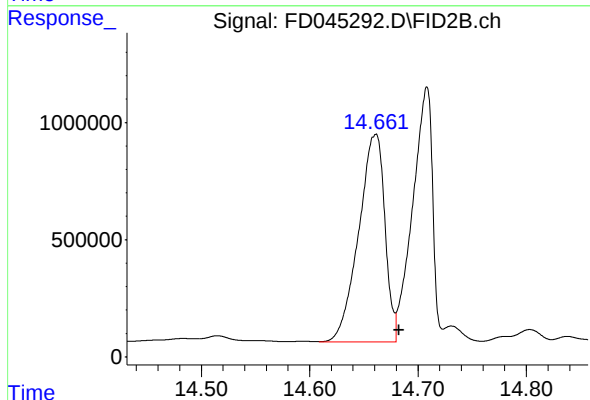
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: 0.026 min
Response: 22821779
Conc: 167.59 ug/ml



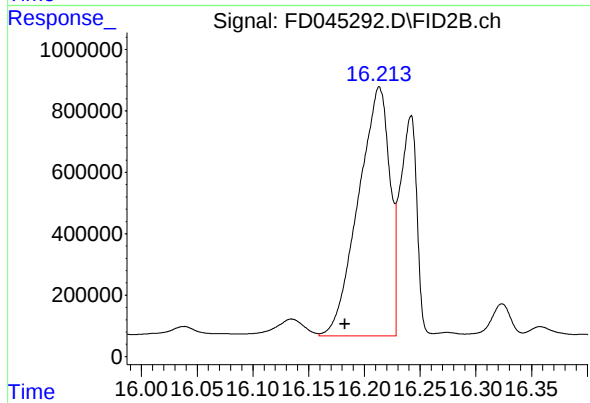
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.660 min
Delta R.T.: 0.020 min
Response: 14911541
Conc: 116.98 ug/ml



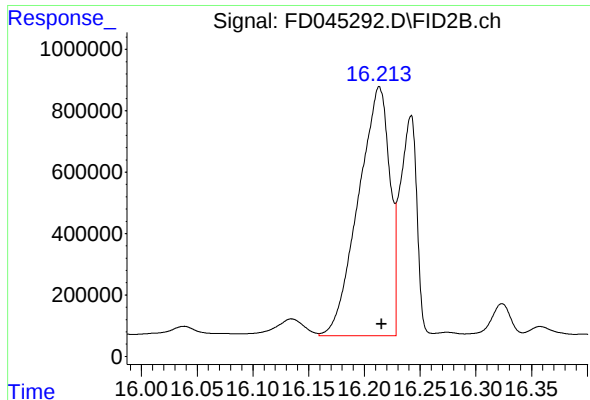
#15 Chrysene (C27.41)

R.T.: 14.660 min
Delta R.T.: -0.022 min
Response: 14911541
Conc: 114.42 ug/ml



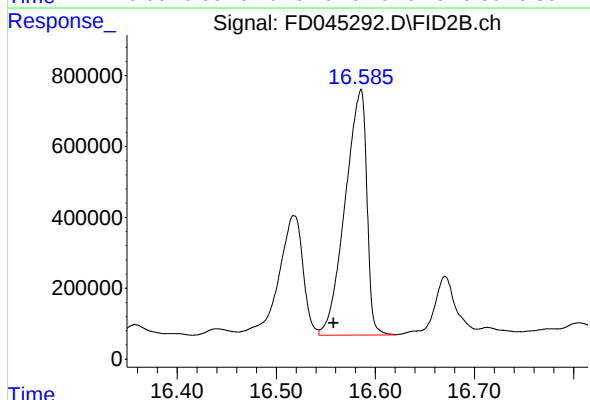
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.213 min
Delta R.T.: 0.031 min
Response: 15856892
Conc: 123.00 ug/ml



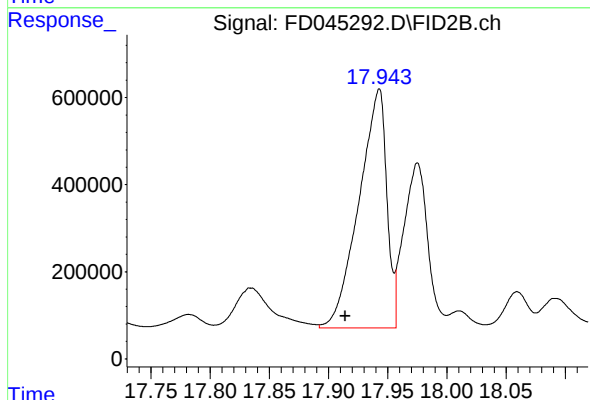
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.213 min
Delta R.T.: -0.002 min
Response: 15856892
Conc: 125.62 ug/ml



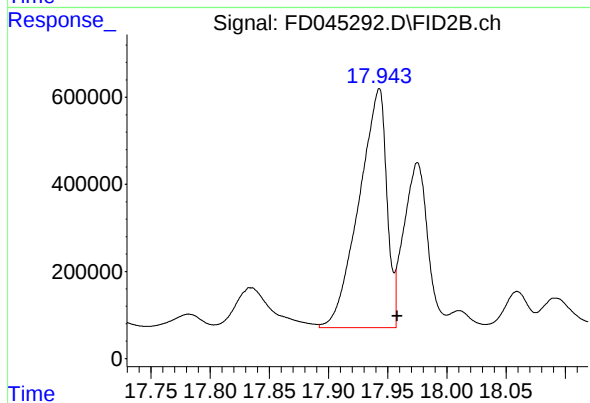
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.584 min
Delta R.T.: 0.027 min
Response: 10510900
Conc: 83.51 ug/ml



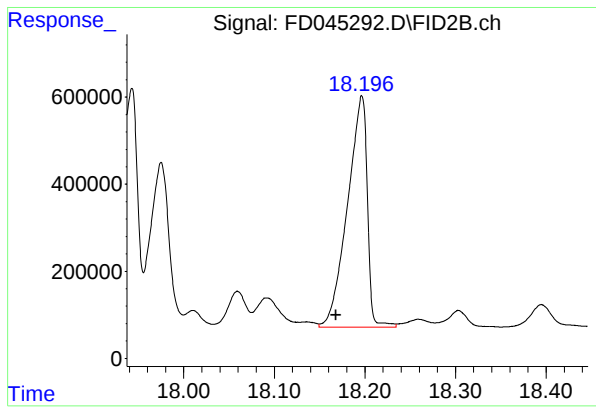
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.942 min
Delta R.T.: 0.028 min
Response: 8986140
Conc: 75.12 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.017 min
Response: 8986140
Conc: 74.50 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.028 min
Response: 8089891
Conc: 65.02 ug/ml