

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031023AR\
 Data File : FD045271.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 14:41
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 03:06:13 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	2619116	19.300 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
6) S 2-Fluorobiphenyl (SURR)	8.408	1736171	19.391 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.78%
11) S ortho-Terphenyl (SURR)	11.448	3290238	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	2937511	19.396 ug/ml
2) T Naphthalene (C11.7)	5.890	3059391	19.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3055725	19.228 ug/ml
5) T Acenaphthylene (C15.06)	8.211	2757853	19.233 ug/ml
7) T Acenaphthene (C15.5)	8.507	2954600	19.493 ug/ml
8) T Fluorene (C16.55)	9.286	2884319	19.591 ug/ml
9) T Phenanthrene (C19.36)	10.677	2807846	19.666 ug/ml
10) T Anthracene (C19.43)	10.751	2464252	17.586 ug/ml
12) T Fluoranthene (C21.85)	12.482	2778000	19.887 ug/ml
13) T Pyrene (C20.8)	12.777	2707103	19.879 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2470958	19.384 ug/ml
15) T Chrysene (C27.41)	14.684	2550502	19.570 ug/ml
16) T benzo[b]fluoranthene ...	16.184	2558848	19.848 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	2529706	20.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2453414	19.493 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	2415757	20.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	2532670	20.997 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	2491670	20.026 ug/ml

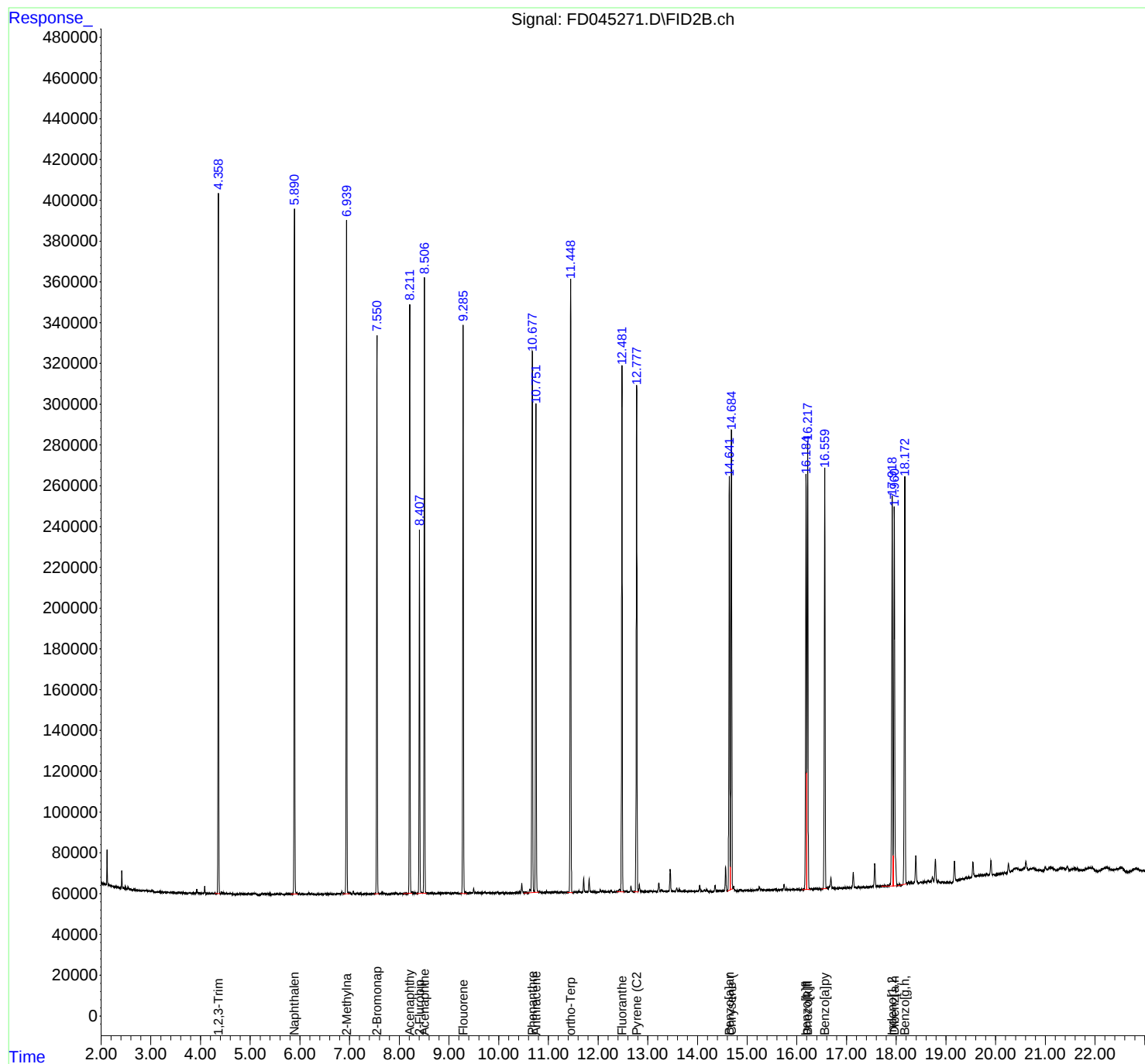
(f)=RT Delta > 1/2 Window

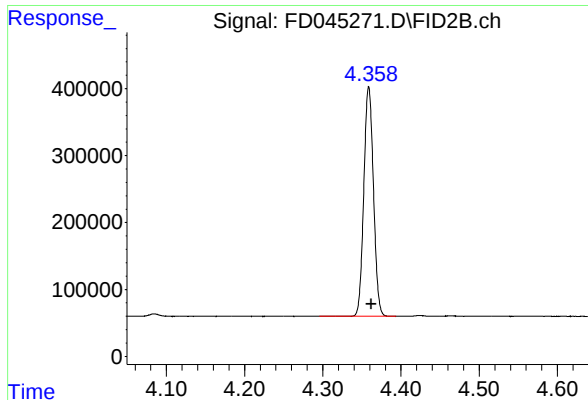
(m)=manual int.

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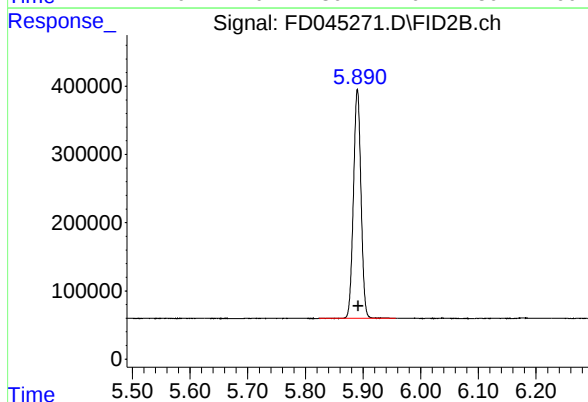
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





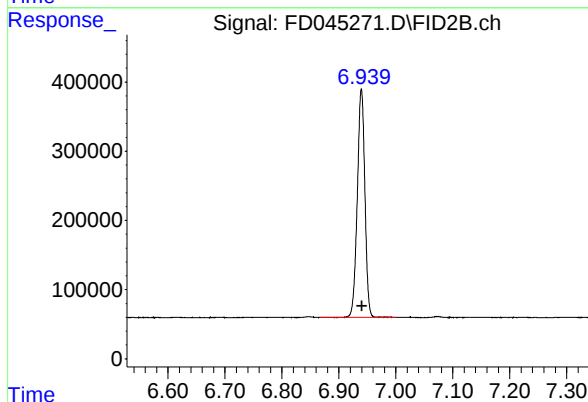
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 2937511
Conc: 19.40 ug/ml



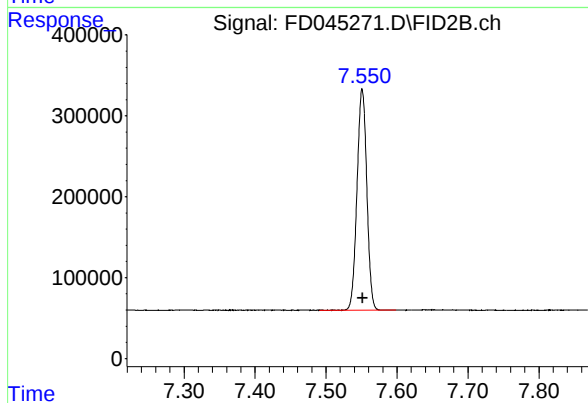
#2 Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 3059391
Conc: 19.37 ug/ml



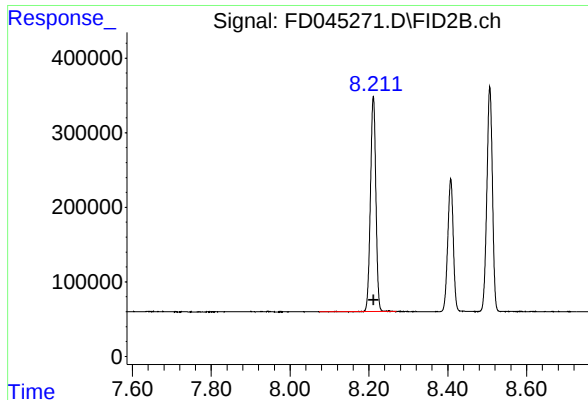
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3055725
Conc: 19.23 ug/ml



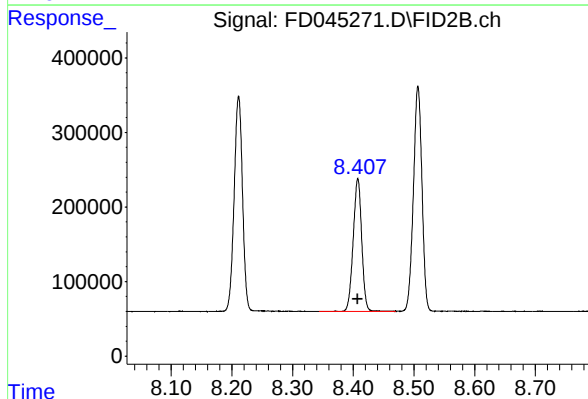
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 2619116
Conc: 19.30 ug/ml



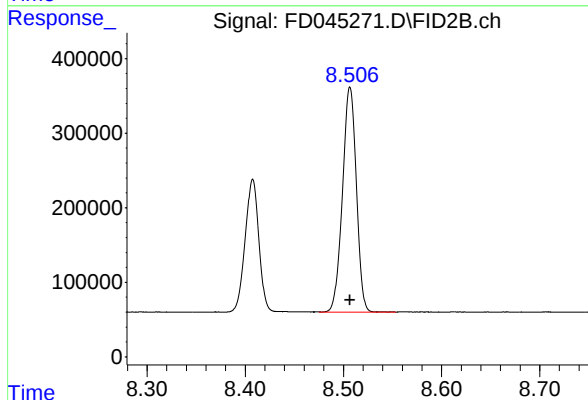
#5 Acenaphthylene (C15.06)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 2757853
Conc: 19.23 ug/ml



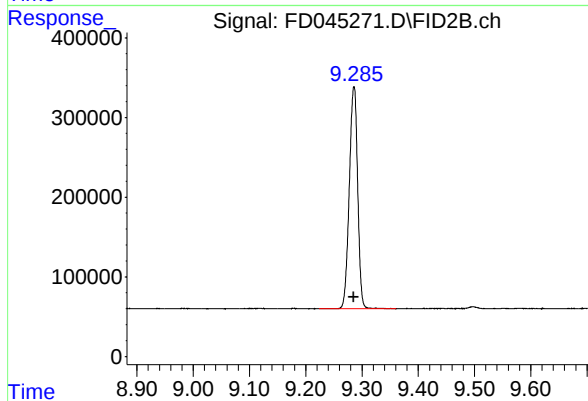
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1736171
Conc: 19.39 ug/ml



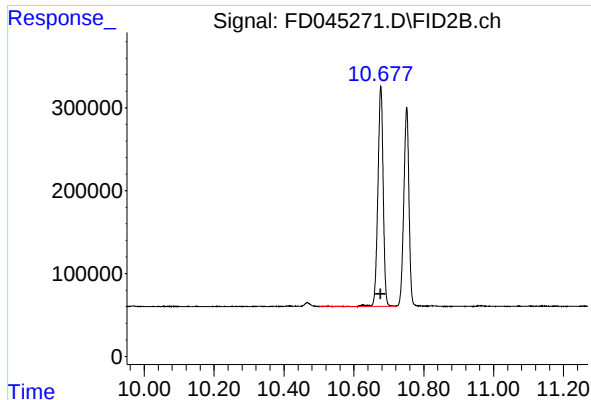
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2954600
Conc: 19.49 ug/ml



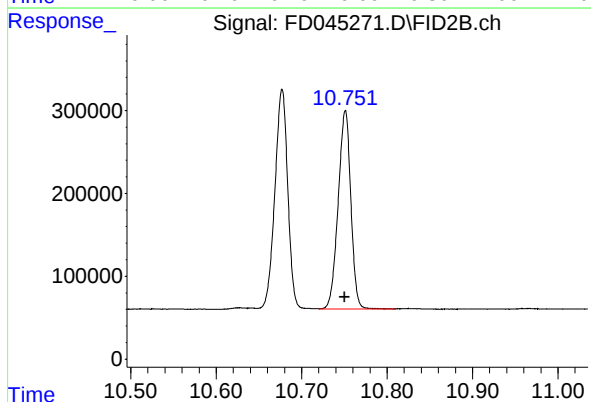
#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 2884319
Conc: 19.59 ug/ml



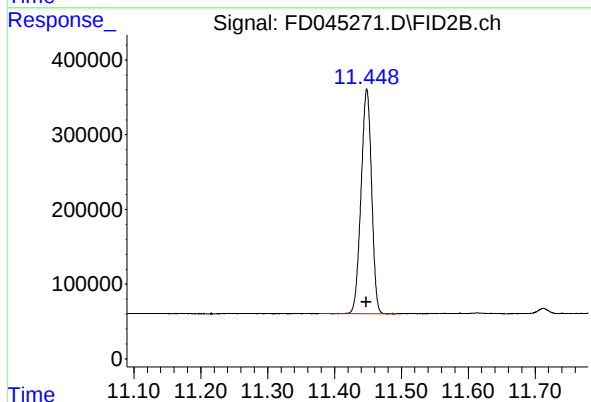
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 2807846
Conc: 19.67 ug/ml



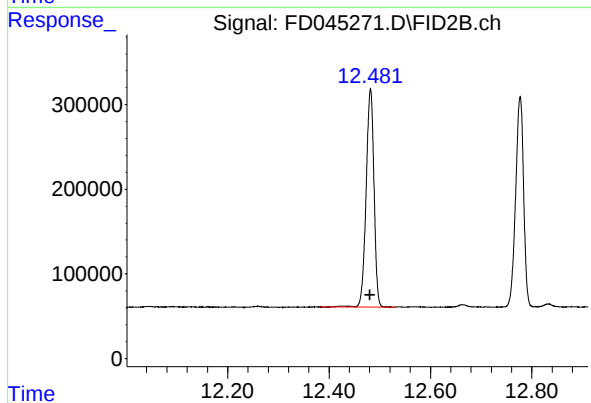
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 2464252
Conc: 17.59 ug/ml



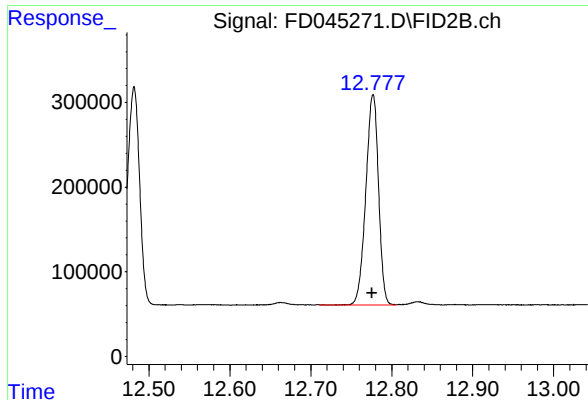
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3290238
Conc: 19.77 ug/ml



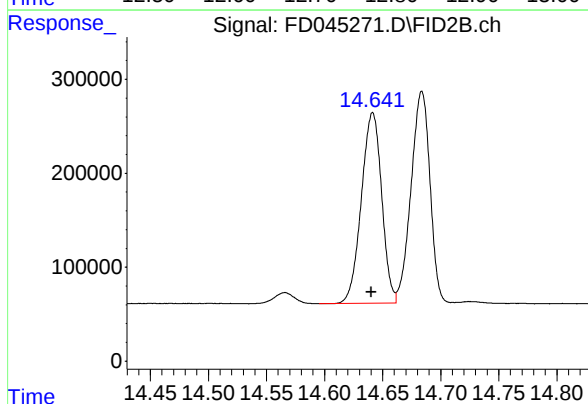
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: 0.000 min
Response: 2778000
Conc: 19.89 ug/ml



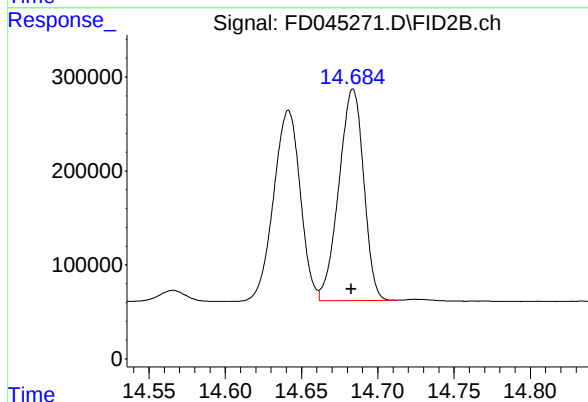
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: 0.001 min
Response: 2707103
Conc: 19.88 ug/ml



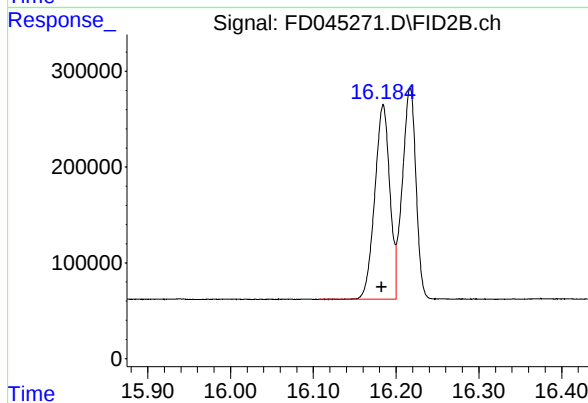
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.001 min
Response: 2470958
Conc: 19.38 ug/ml



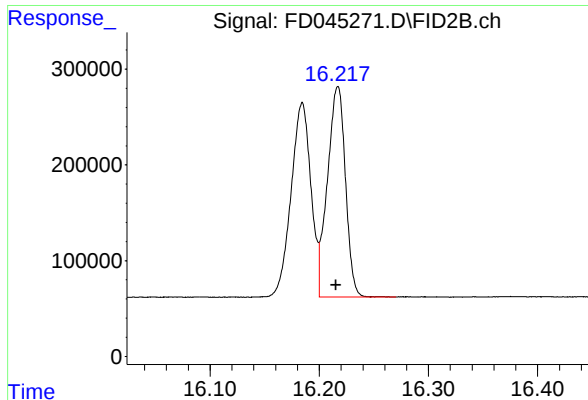
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.000 min
Response: 2550502
Conc: 19.57 ug/ml



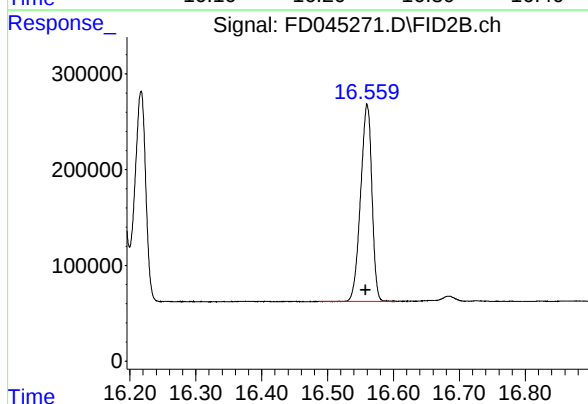
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.184 min
Delta R.T.: 0.002 min
Response: 2558848
Conc: 19.85 ug/ml



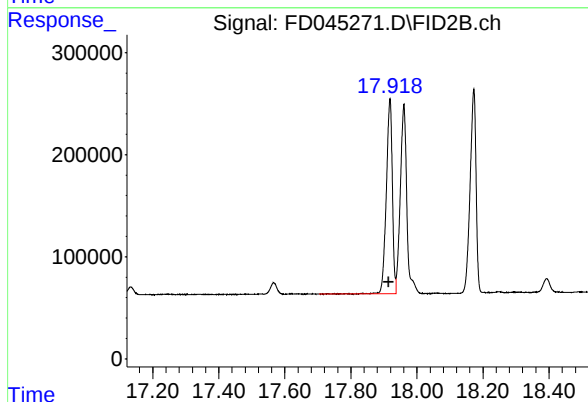
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.001 min
Response: 2529706
Conc: 20.04 ug/ml



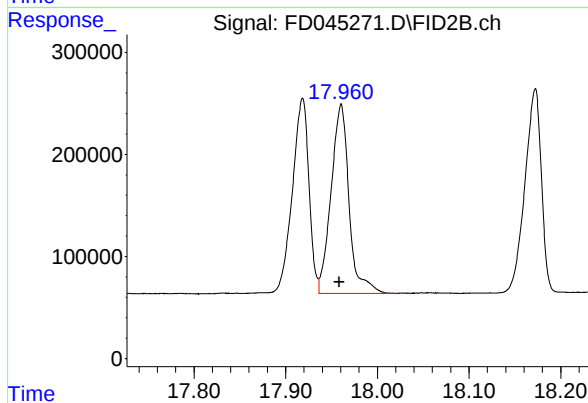
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.002 min
Response: 2453414
Conc: 19.49 ug/ml



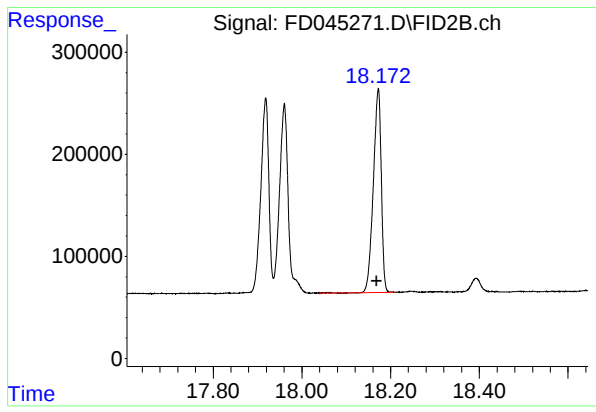
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: 0.004 min
Response: 2415757
Conc: 20.19 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.002 min
Response: 2532670
Conc: 21.00 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.004 min
Response: 2491670
Conc: 20.03 ug/ml