

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043492.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 09:45
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:39:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 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...	7.614	2743513	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
6) S 2-Fluorobiphenyl (SURR)	8.478	1840103	19.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.71%
11) S ortho-Terphenyl (SURR)	11.522	3167211	18.687 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.411	3034952	19.351 ug/ml
2) T Naphthalene (C11.7)	5.950	3106983	19.216 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	2844321	19.425 ug/ml
5) T Acenaphthylene (C15.06)	8.280	3057777	18.836 ug/ml
7) T Acenaphthene (C15.5)	8.576	3113300	19.257 ug/ml
8) T Flouorene (C16.55)	9.358	3040721	19.405 ug/ml
9) T Phenanthrene (C19.36)	10.755	2966797	18.930 ug/ml
10) T Anthracene (C19.43)	10.830	2677026	17.381 ug/ml
12) T Fluoranthene (C21.85)	12.569	2916086	18.411 ug/ml
13) T Pyrene (C20.8)	12.866	2870519	18.265 ug/ml
14) T Benzo[a]anthracene (C...	14.740	2723175	18.458 ug/ml
15) T Chrysene (C27.41)	14.782	2858385	18.292 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2871759	19.198 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2815634	18.764 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2733823	19.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	2529470	21.403 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	2893170	20.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	2731269	21.003 ug/ml

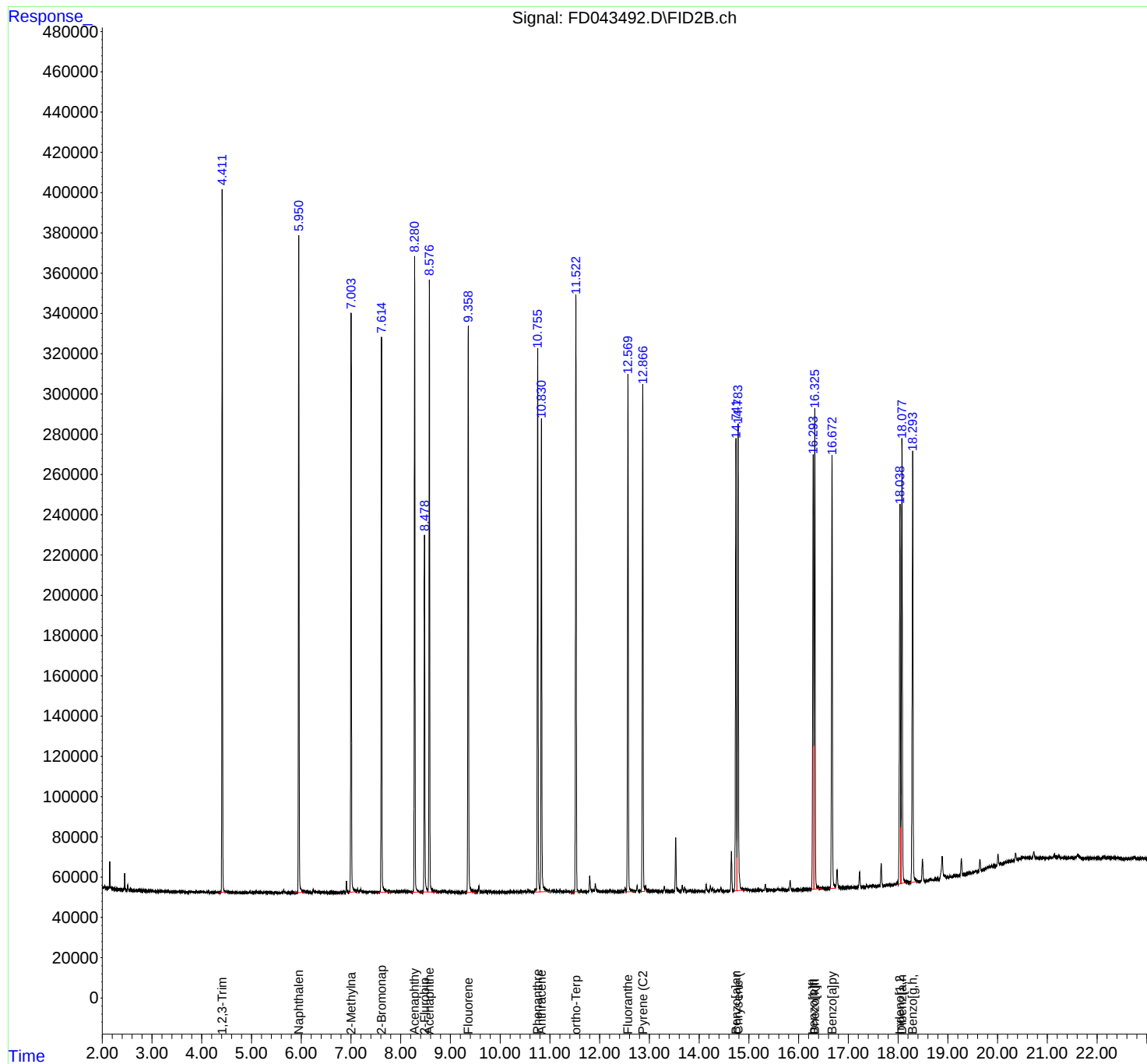
(f)=RT Delta > 1/2 Window

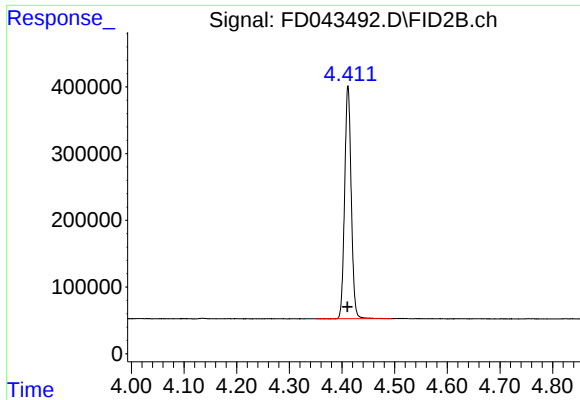
(m)=manual int.

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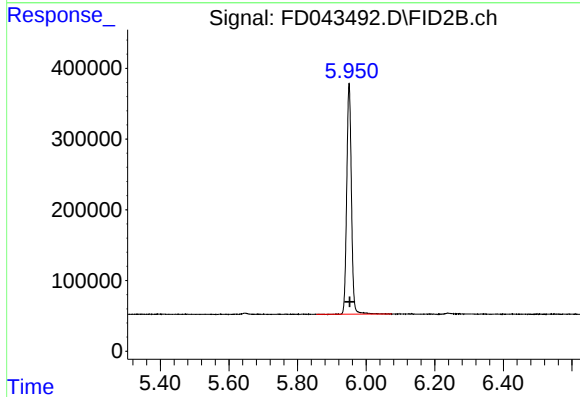
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





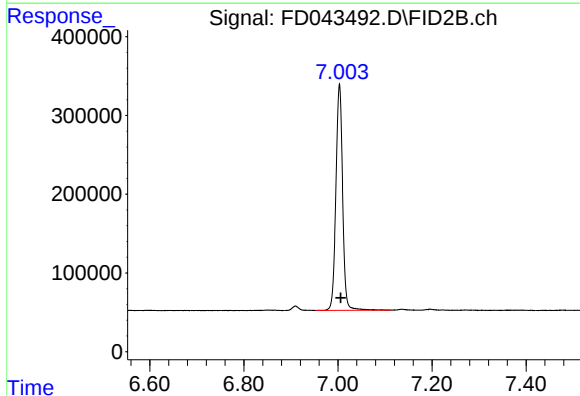
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.411 min
Delta R.T.: 0.001 min
Response: 3034952
Conc: 19.35 ug/ml



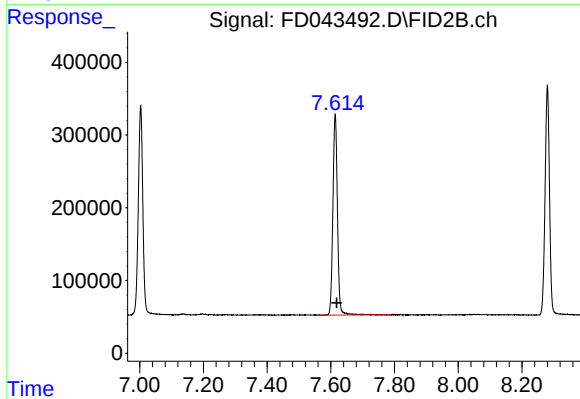
#2 Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 3106983
Conc: 19.22 ug/ml



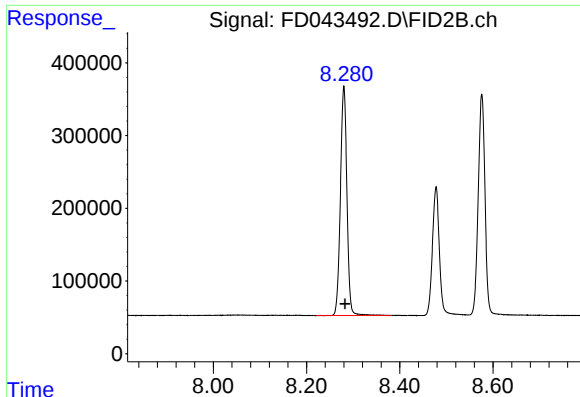
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 2844321
Conc: 19.43 ug/ml



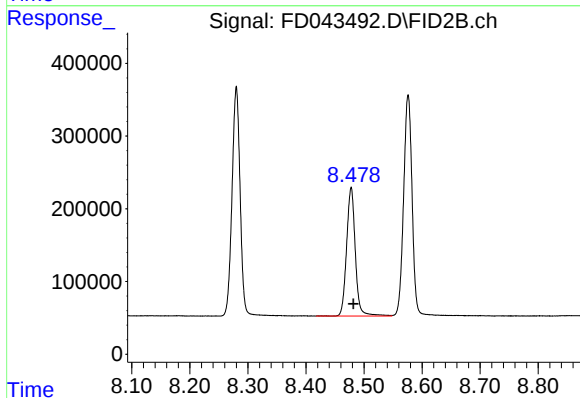
#4 2-Bromonaphthalene (SURR)

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 2743513
Conc: 19.40 ug/ml



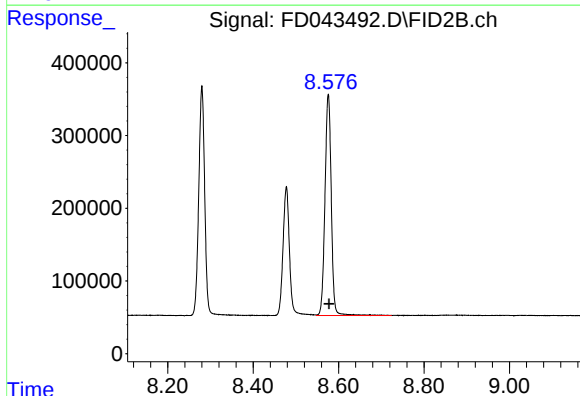
#5 Acenaphthylene (C15.06)

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 3057777
Conc: 18.84 ug/ml



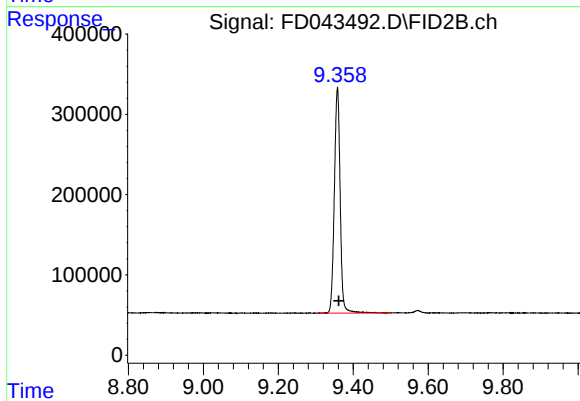
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: -0.004 min
Response: 1840103
Conc: 19.36 ug/ml



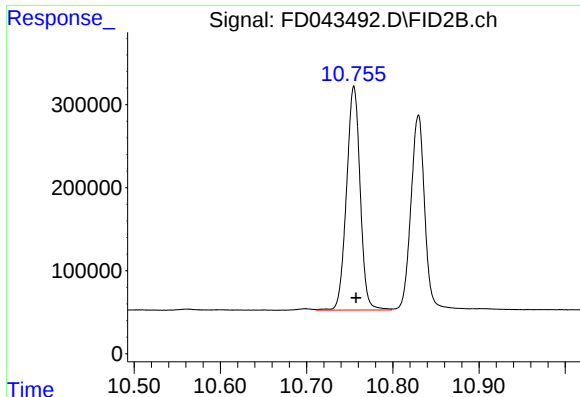
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 3113300
Conc: 19.26 ug/ml



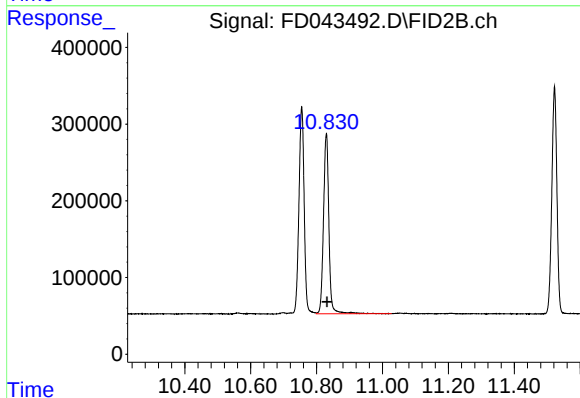
#8 Fluorene (C16.55)

R.T.: 9.358 min
Delta R.T.: -0.004 min
Response: 3040721
Conc: 19.41 ug/ml



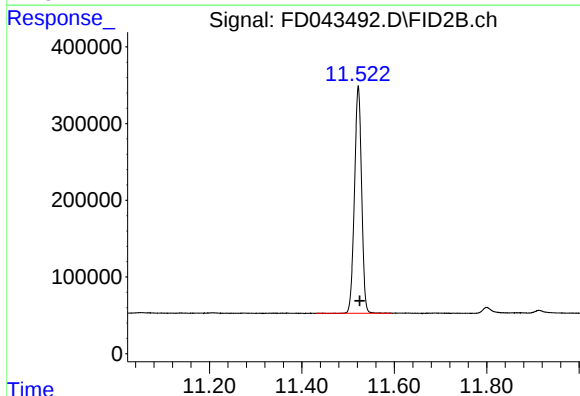
#9 Phenanthrene (C19.36)

R.T.: 10.755 min
Delta R.T.: -0.003 min
Response: 2966797
Conc: 18.93 ug/ml



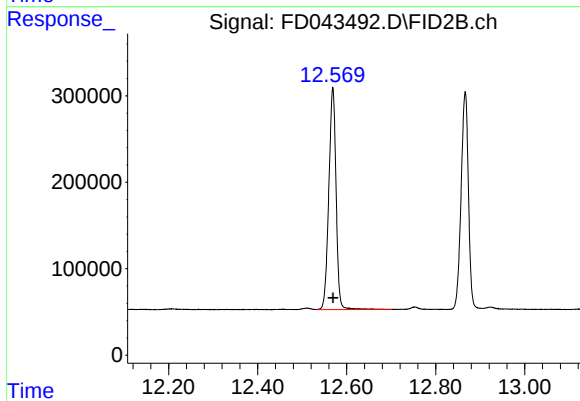
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 2677026
Conc: 17.38 ug/ml



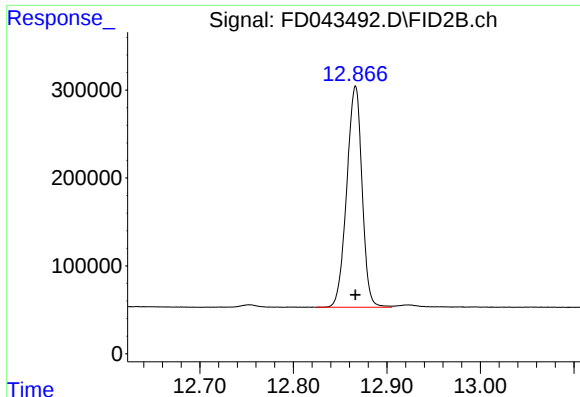
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 3167211
Conc: 18.69 ug/ml



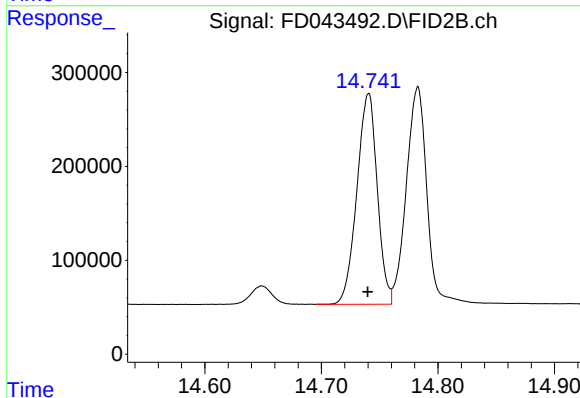
#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: 0.000 min
Response: 2916086
Conc: 18.41 ug/ml



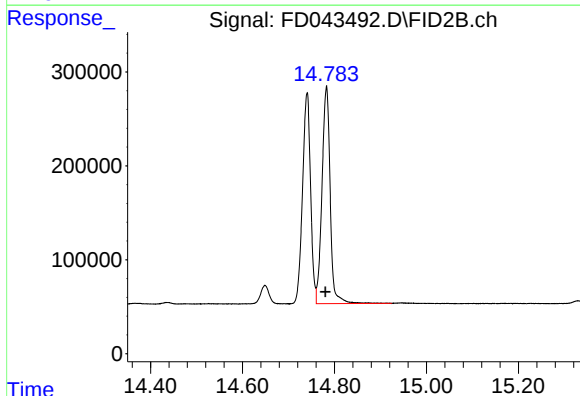
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 2870519
Conc: 18.27 ug/ml



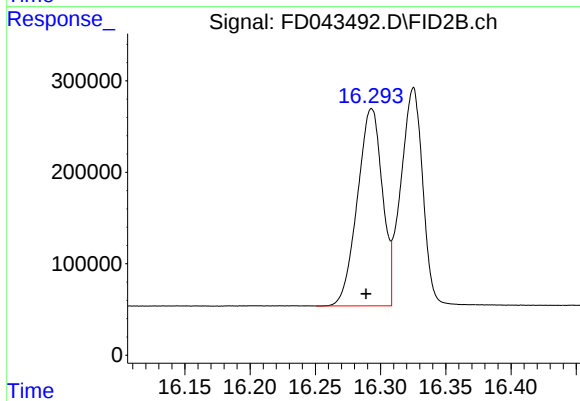
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2723175
Conc: 18.46 ug/ml



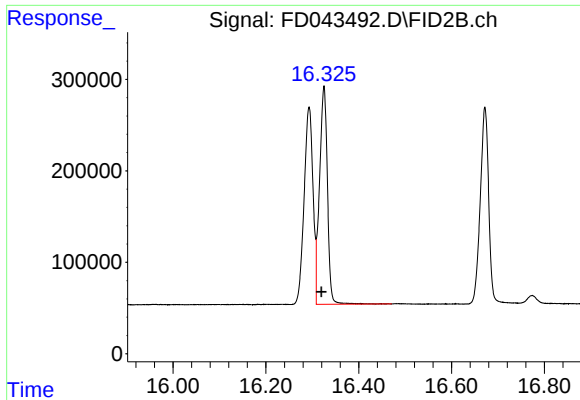
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.002 min
Response: 2858385
Conc: 18.29 ug/ml



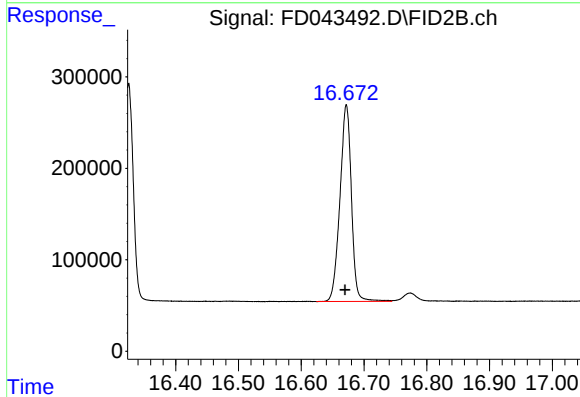
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: 0.004 min
Response: 2871759
Conc: 19.20 ug/ml



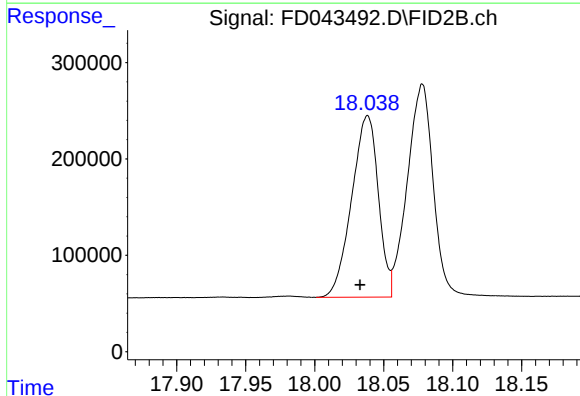
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: 0.005 min
Response: 2815634
Conc: 18.76 ug/ml



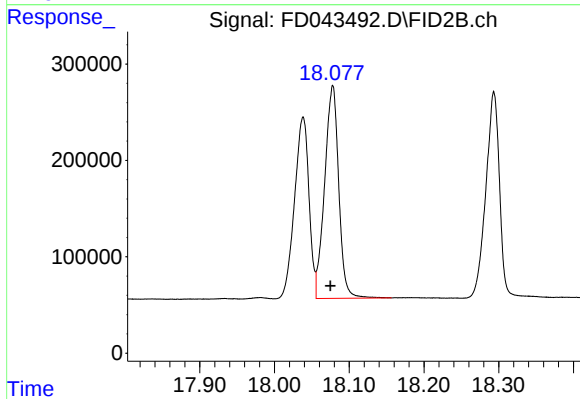
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.002 min
Response: 2733823
Conc: 19.34 ug/ml



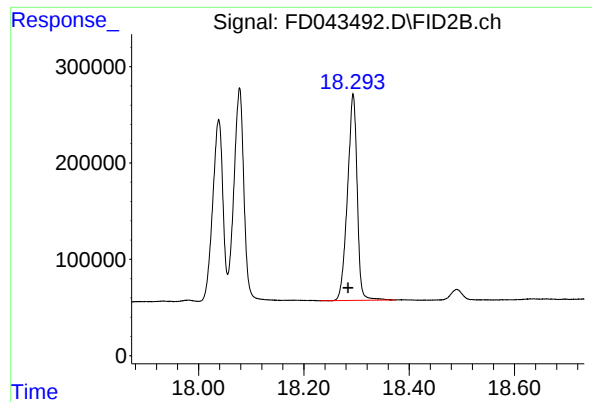
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.005 min
Response: 2529470
Conc: 21.40 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.002 min
Response: 2893170
Conc: 20.40 ug/ml



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

R.T.: 18.293 min
Delta R.T.: 0.009 min
Response: 2731269
Conc: 21.00 ug/ml