

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071122AR\
 Data File : FD043214.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2022 13:46
 Operator : YP/AJ
 Sample : N3214-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 02:43:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.627	6633044	42.958 ug/ml
Spiked Amount 50.000		Recovery =	85.92%
6) S 2-Fluorobiphenyl (SURR)	8.490	4369785	41.430 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.86%
11) S ortho-Terphenyl (SURR)	11.536	6918688	38.067 ug/ml
Spiked Amount 50.000		Recovery =	76.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.423	245682	1.463 ug/ml
2) T Naphthalene (C11.7)	5.961	283991	1.622 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	286699	1.782 ug/ml
5) T Acenaphthylene (C15.06)	8.290	286816	1.614 ug/ml
7) T Acenaphthene (C15.5)	8.586	302891	1.730 ug/ml
8) T Fluorene (C16.55)	9.368	264876	1.528 ug/ml
9) T Phenanthrene (C19.36)	10.765	244398	1.425 ug/ml
10) T Anthracene (C19.43)	10.840	234004	1.377 ug/ml
12) T Fluoranthene (C21.85)	12.576	236142	1.408 ug/ml
14) T Benzo[a]anthracene (C...	14.787	319736	2.059 ug/ml
15) T Chrysene (C27.41)	14.787	319736	2.026 ug/ml
16) T benzo[b]fluoranthene ...	16.325	257285	1.688 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	257285	1.758 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	188550	1.318 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	236633	1.891 ug/ml
20) T Dibenz[a,h]anthracene...	18.084	236633	1.760 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	153352	1.176 ug/ml

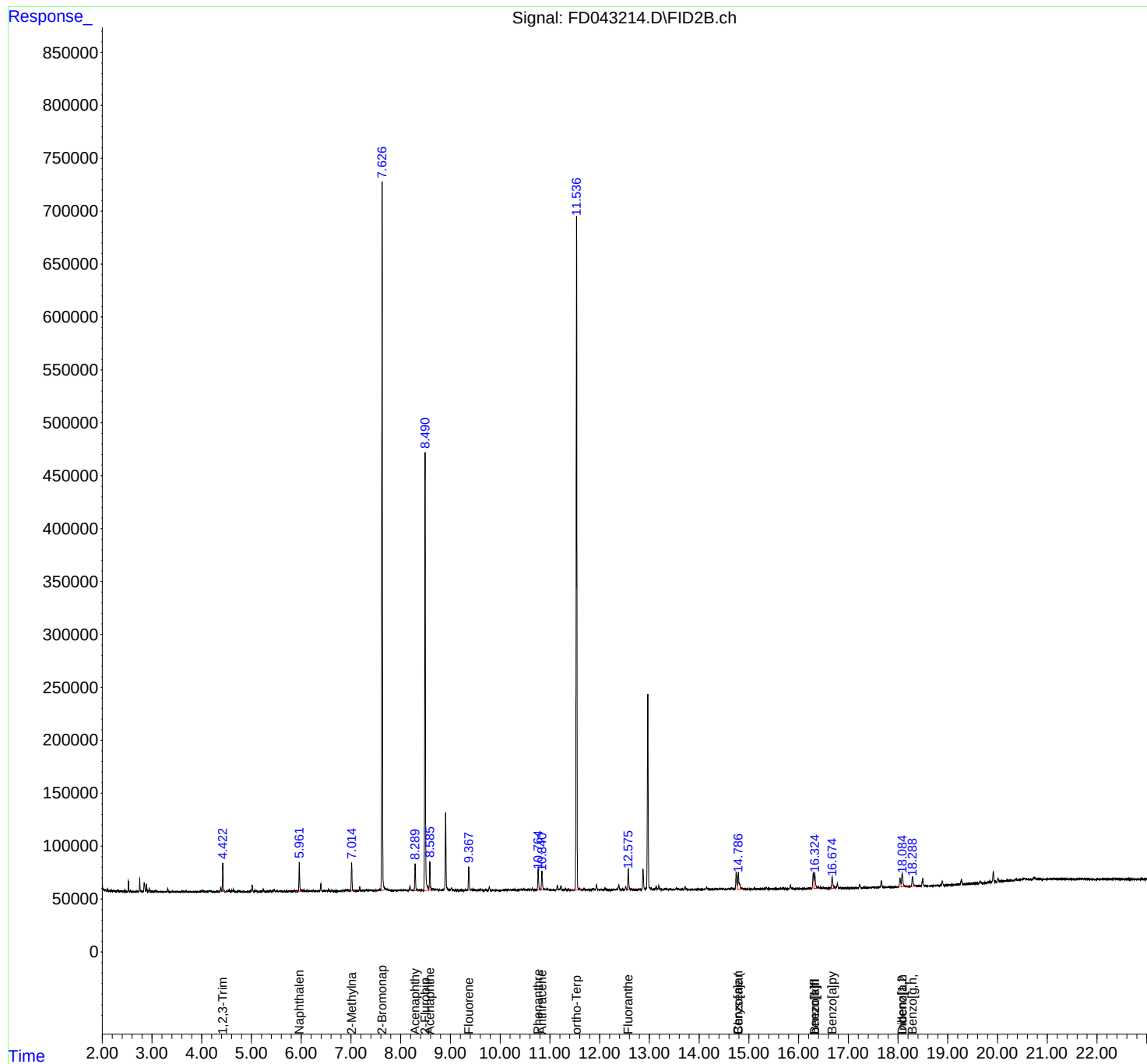
(f)=RT Delta > 1/2 Window

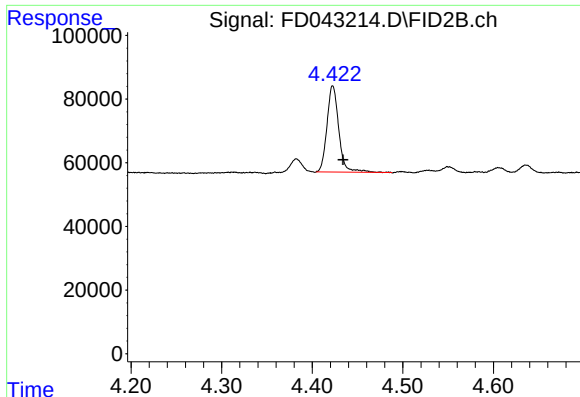
(m)=manual int.

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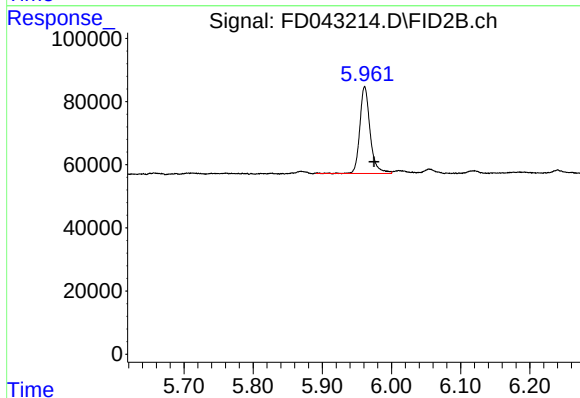
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Signal Info : 20M x 0.18mm x 0.18µm





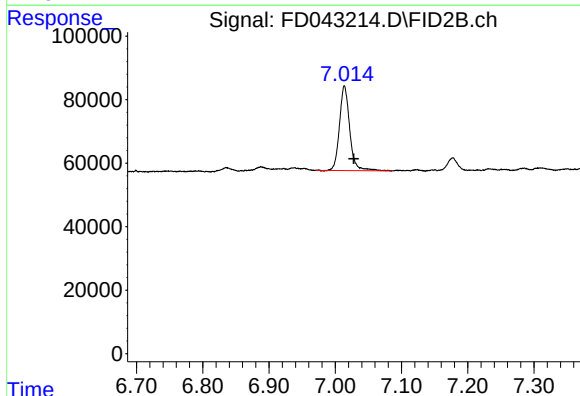
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.423 min
Delta R.T.: -0.011 min
Response: 245682
Conc: 1.46 ug/ml



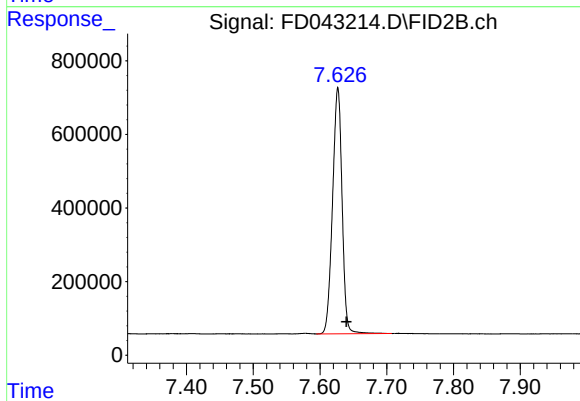
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 283991
Conc: 1.62 ug/ml



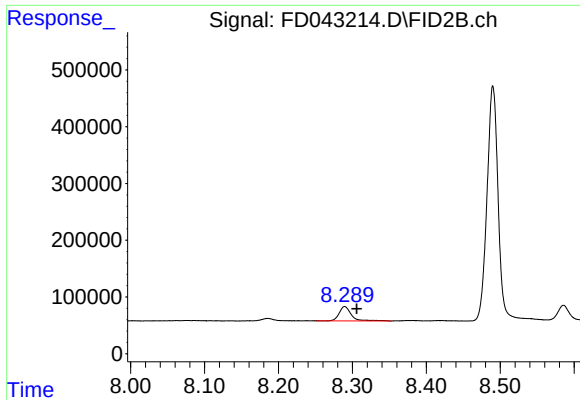
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.014 min
Response: 286699
Conc: 1.78 ug/ml



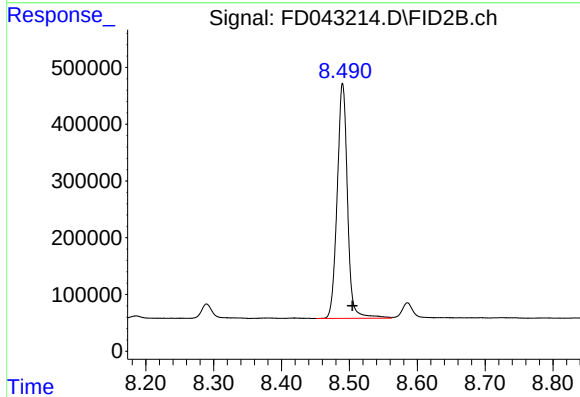
#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.013 min
Response: 6633044
Conc: 42.96 ug/ml



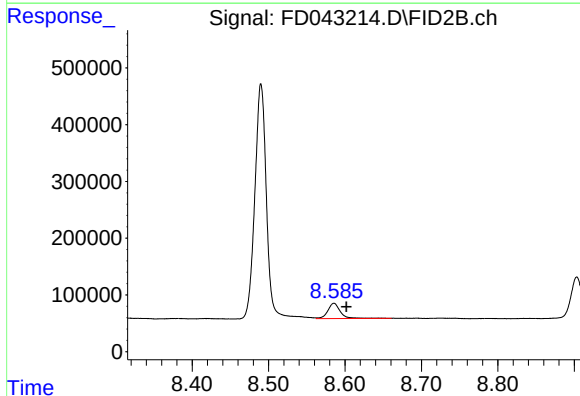
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: -0.016 min
Response: 286816
Conc: 1.61 ug/ml



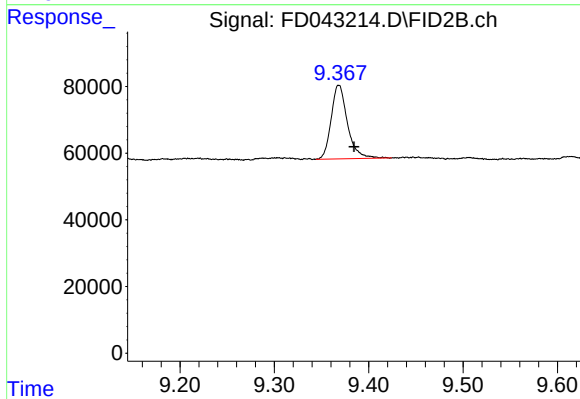
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 4369785
Conc: 41.43 ug/ml



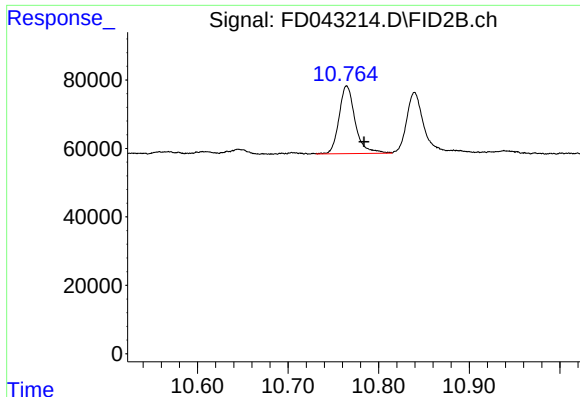
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: -0.016 min
Response: 302891
Conc: 1.73 ug/ml



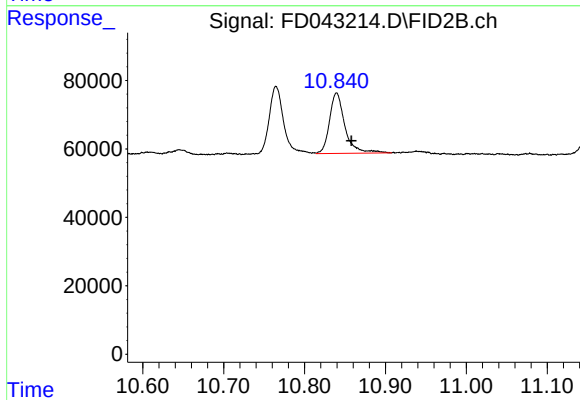
#8 Flouorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.016 min
Response: 264876
Conc: 1.53 ug/ml



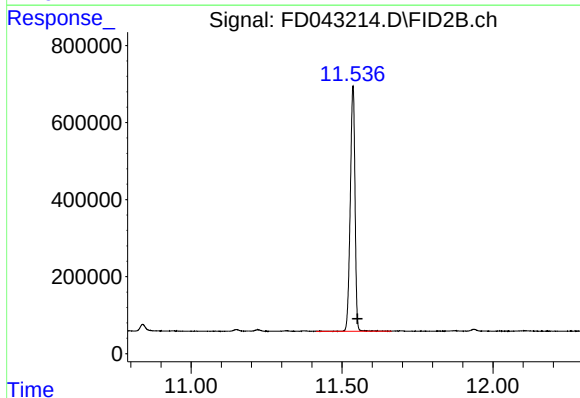
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 244398
Conc: 1.42 ug/ml



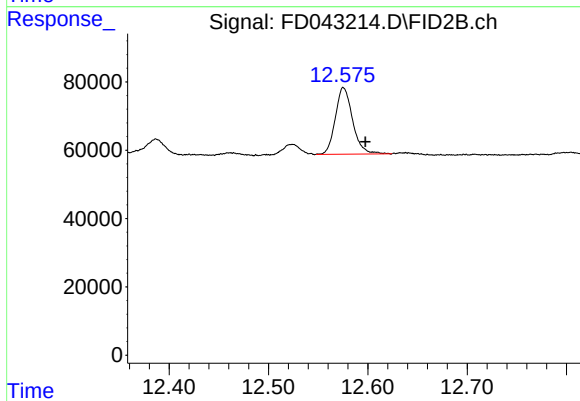
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: -0.018 min
Response: 234004
Conc: 1.38 ug/ml



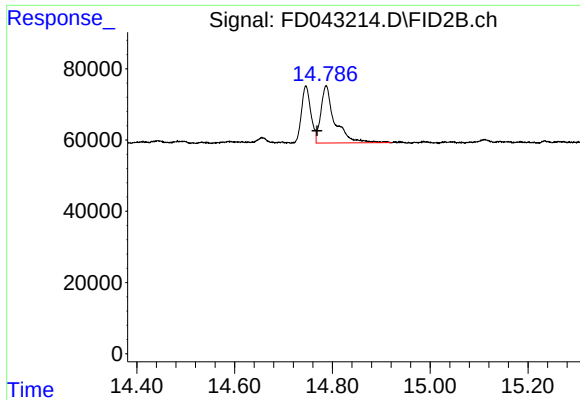
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 691868
Conc: 38.07 ug/ml



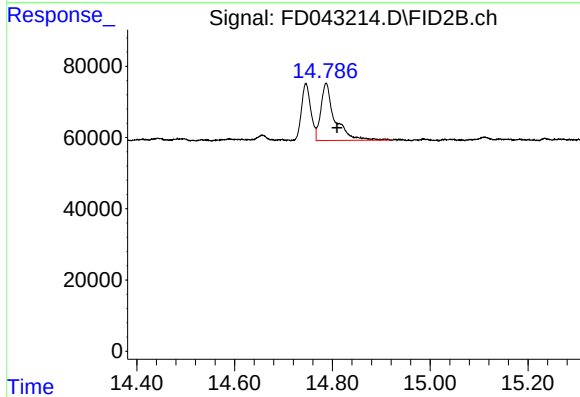
#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.022 min
Response: 236142
Conc: 1.41 ug/ml



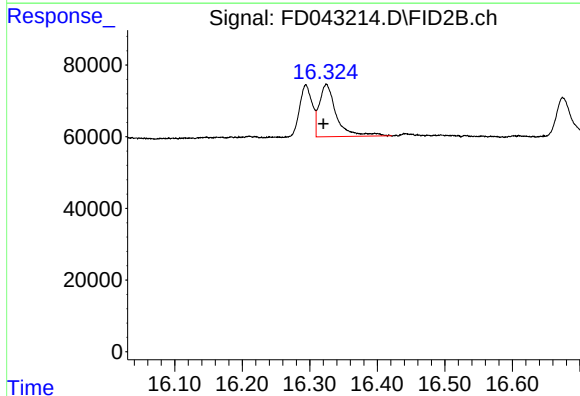
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.019 min
Response: 319736
Conc: 2.06 ug/ml



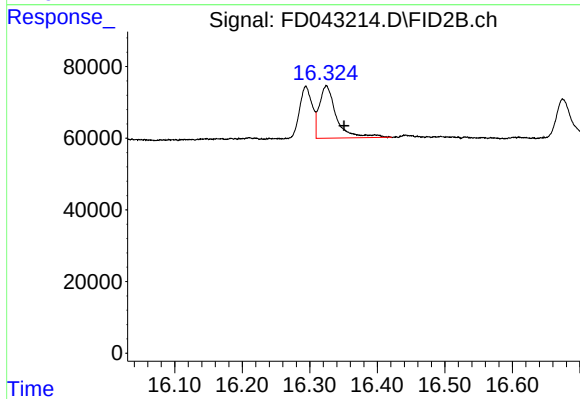
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 319736
Conc: 2.03 ug/ml



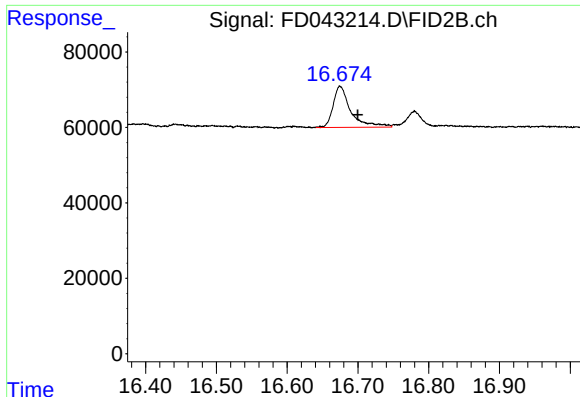
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.325 min
Delta R.T.: 0.005 min
Response: 257285
Conc: 1.69 ug/ml



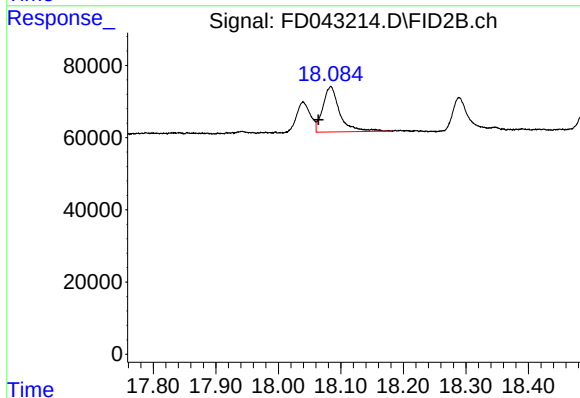
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: -0.026 min
Response: 257285
Conc: 1.76 ug/ml



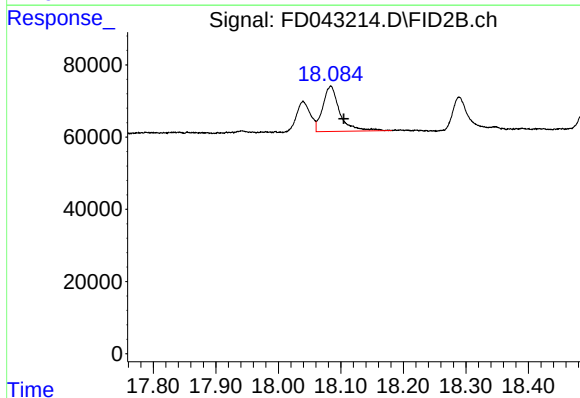
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.025 min
Response: 188550
Conc: 1.32 ug/ml



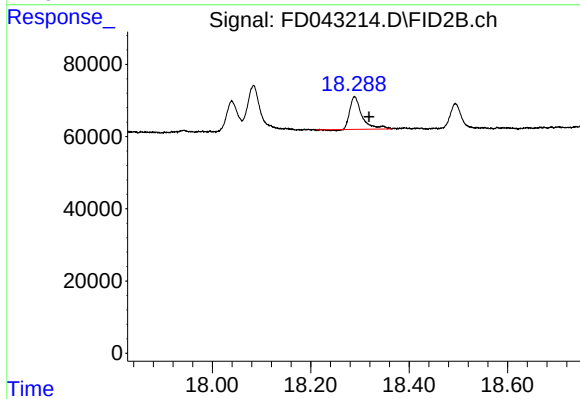
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min
Delta R.T.: 0.019 min
Response: 236633
Conc: 1.89 ug/ml



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

R.T.: 18.084 min
Delta R.T.: -0.021 min
Response: 236633
Conc: 1.76 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.029 min
Response: 153352
Conc: 1.18 ug/ml