

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050420AR\
 Data File : FD033289.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2020 19:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 05 01:18:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.591	2533436	17.267 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
6) S 2-Fluorobiphenyl (SURR)	8.454	1640020	16.811 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.62%
11) S ortho-Terphenyl (SURR)	11.486	2644455	16.547 ug/ml
Spiked Amount 50.000		Recovery =	33.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.398	2914371	18.762 ug/mlm
2) T Naphthalene (C11.7)	5.933	2879329	17.647 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	2796339	17.329 ug/ml
5) T Acenaphthylene (C15.06)	8.256	2635560	17.038 ug/ml
7) T Acenaphthene (C15.5)	8.550	2764012	17.177 ug/ml
8) T Flouorene (C16.55)	9.330	2620701	16.857 ug/ml
9) T Phenanthrene (C19.36)	10.725	2546766	16.258 ug/ml
10) T Anthracene (C19.43)	10.800	2442324	16.035 ug/ml
12) T Fluoranthene (C21.85)	12.535	2518178	15.979 ug/ml
13) T Pyrene (C20.8)	12.832	2506740	16.052 ug/ml
14) T Benzo[a]anthracene (C...	14.705	2449985	17.211 ug/mlm
15) T Chrysene (C27.41)	14.747	2510742	17.016 ug/ml
16) T benzo[b]fluoranthene ...	16.256	2566988	18.808 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.289	2556493	18.575 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.637	2510688	18.953 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.007	2459785	20.379 ug/mlm
20) T Dibenz[a,h]anthracene...	18.042	2532145	20.213 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	2477758	20.473 ug/ml

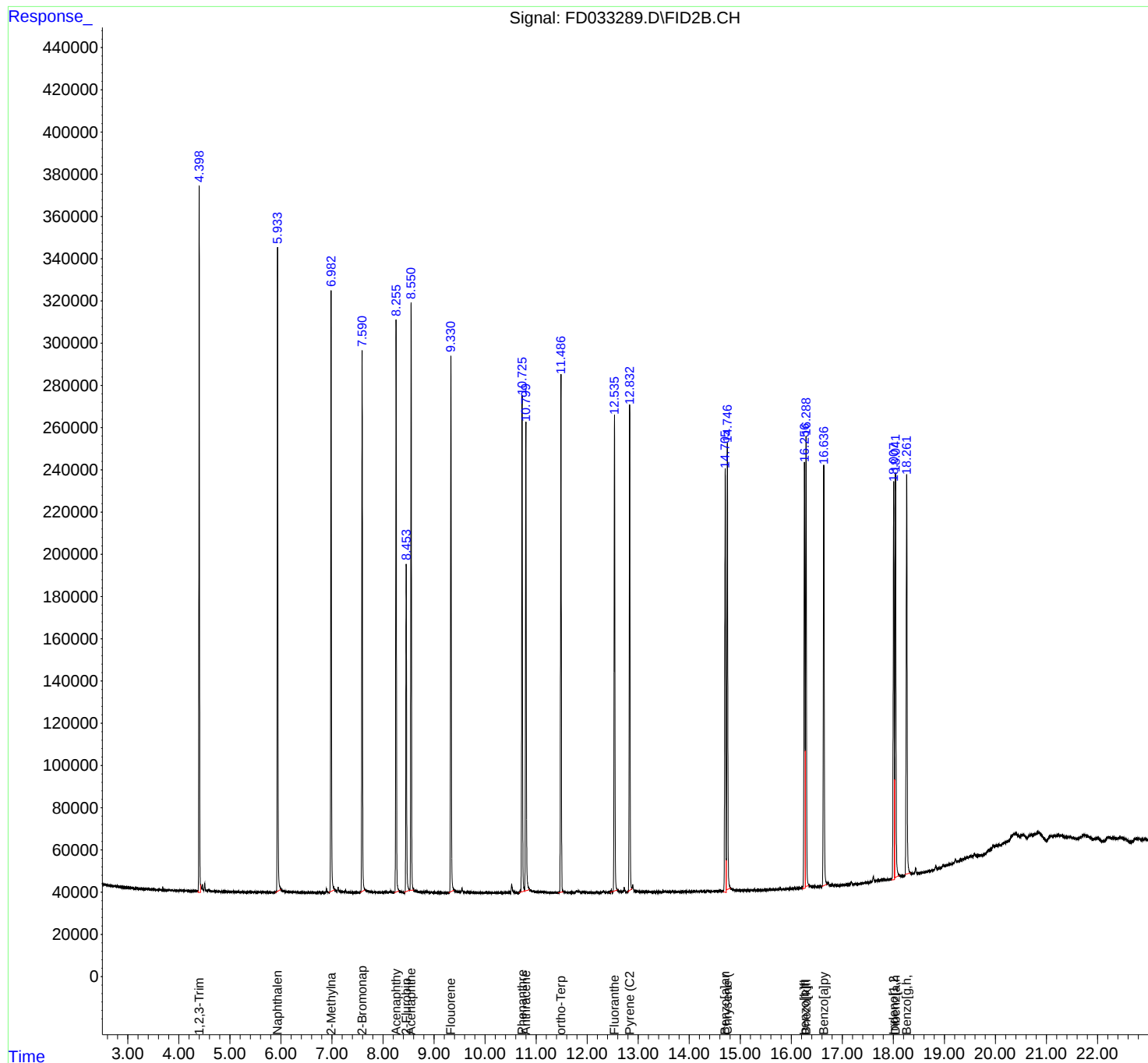
(f)=RT Delta > 1/2 Window

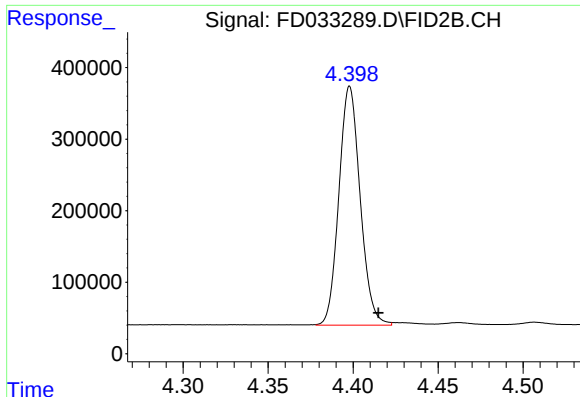
(m)=manual int.

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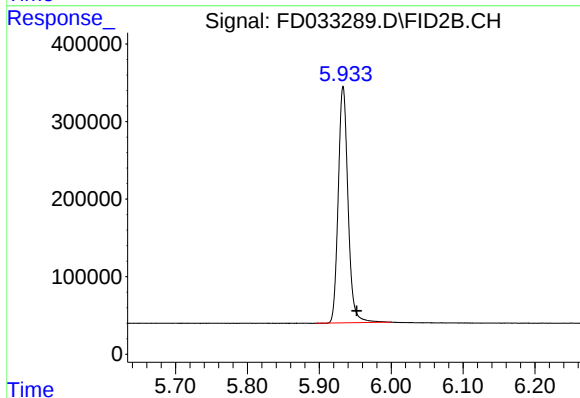
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





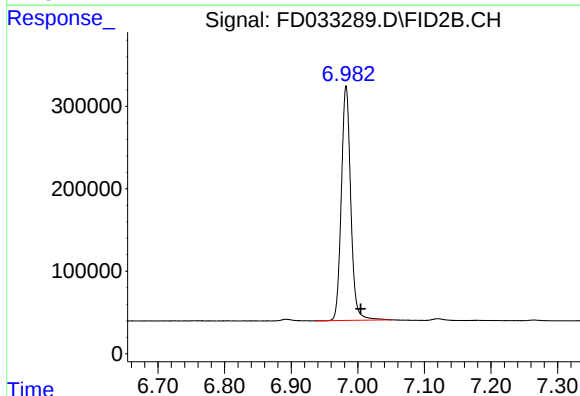
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.398 min
Delta R.T.: -0.017 min
Response: 2914371
Conc: 18.76 ug/ml m



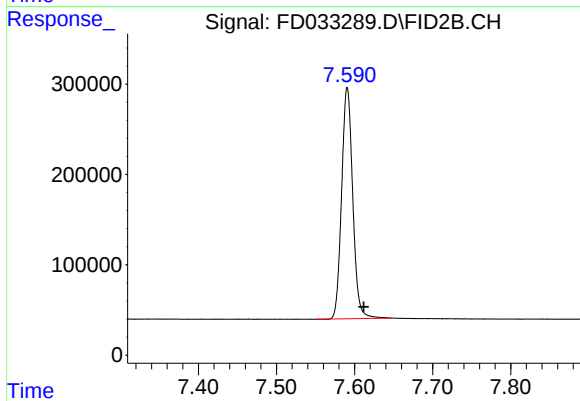
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.019 min
Response: 2879329
Conc: 17.65 ug/ml



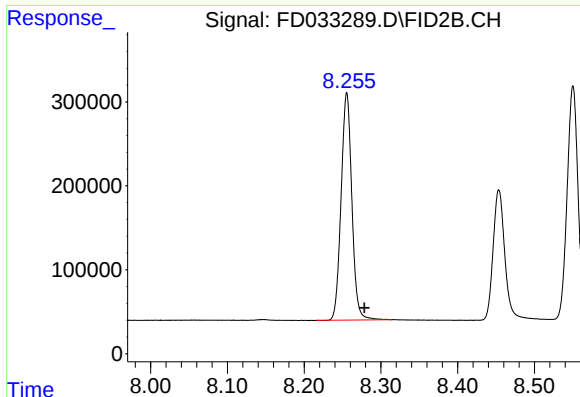
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: -0.022 min
Response: 2796339
Conc: 17.33 ug/ml



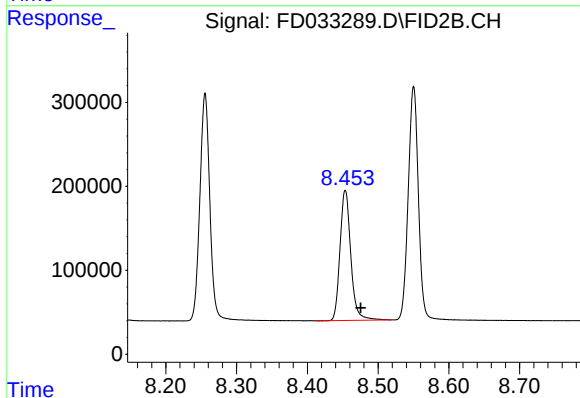
#4 2-Bromonaphthalene (SURR)

R.T.: 7.591 min
Delta R.T.: -0.021 min
Response: 2533436
Conc: 17.27 ug/ml



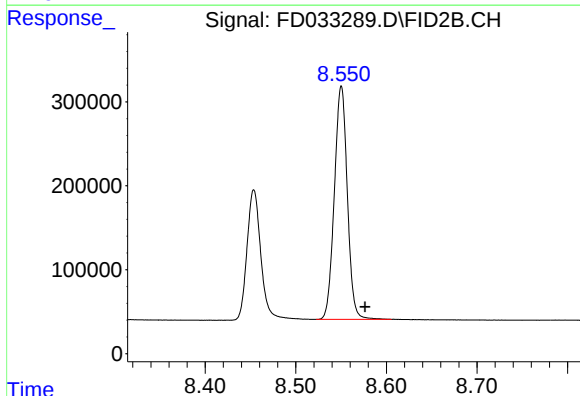
#5 Acenaphthylene (C15.06)

R.T.: 8.256 min
Delta R.T.: -0.023 min
Response: 2635560
Conc: 17.04 ug/ml



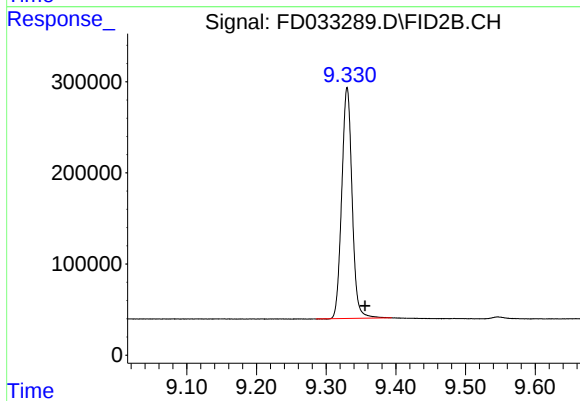
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: -0.021 min
Response: 1640020
Conc: 16.81 ug/ml



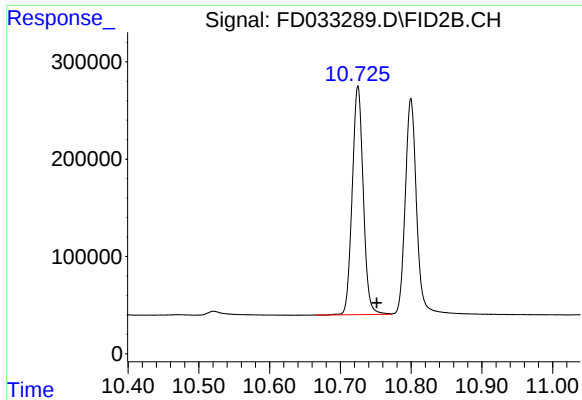
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.026 min
Response: 2764012
Conc: 17.18 ug/ml



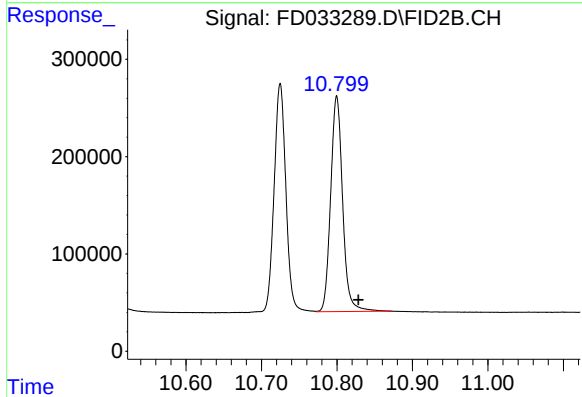
#8 Flouorene (C16.55)

R.T.: 9.330 min
Delta R.T.: -0.025 min
Response: 2620701
Conc: 16.86 ug/ml



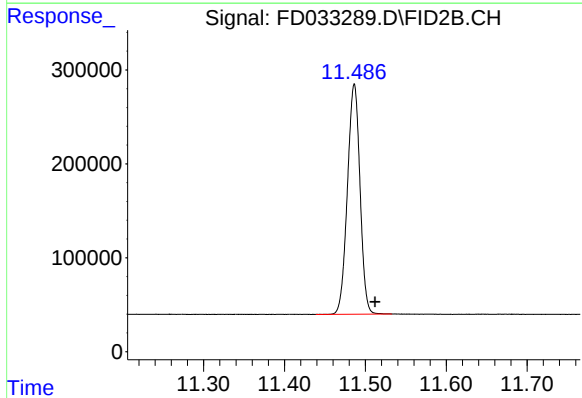
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: -0.026 min
Response: 2546766
Conc: 16.26 ug/ml



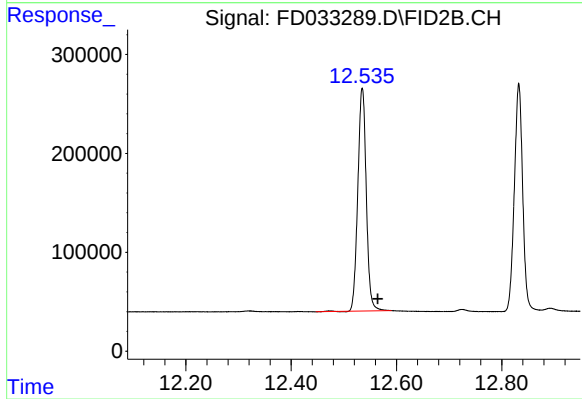
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: -0.029 min
Response: 2442324
Conc: 16.03 ug/ml



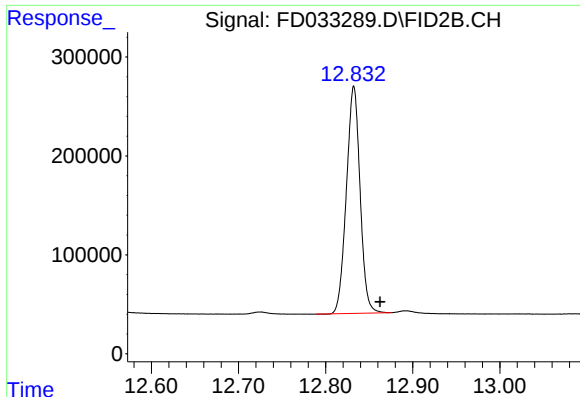
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: -0.026 min
Response: 2644455
Conc: 16.55 ug/ml



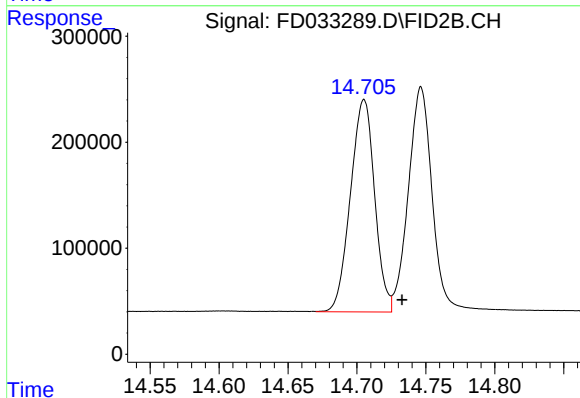
#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: -0.029 min
Response: 2518178
Conc: 15.98 ug/ml



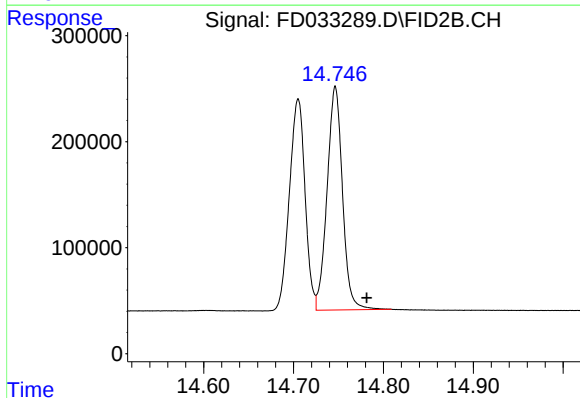
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.030 min
Response: 2506740
Conc: 16.05 ug/ml



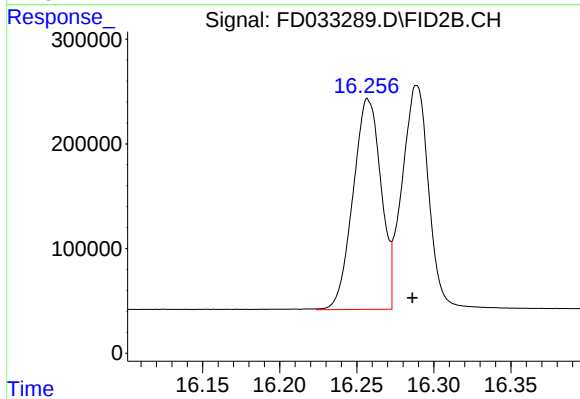
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.028 min
Response: 2449985
Conc: 17.21 ug/ml m



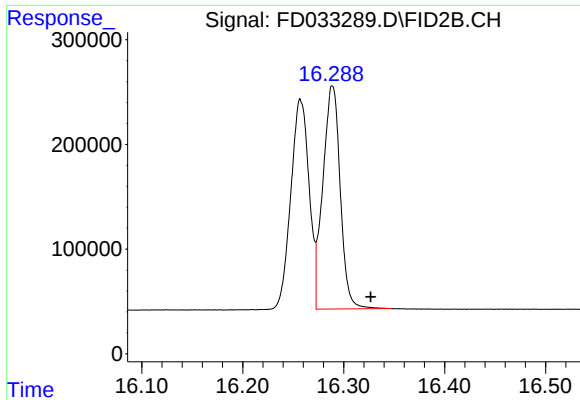
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: -0.035 min
Response: 2510742
Conc: 17.02 ug/ml



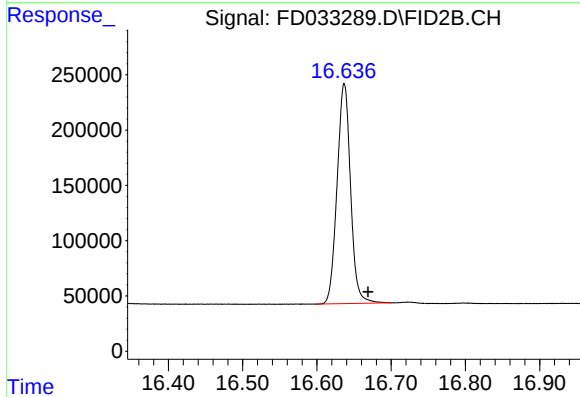
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.256 min
Delta R.T.: -0.030 min
Response: 2566988
Conc: 18.81 ug/ml m



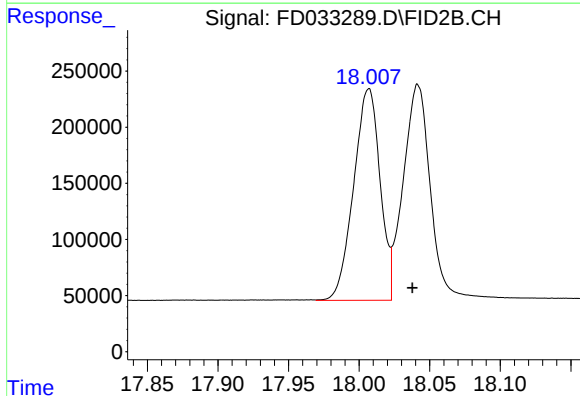
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.289 min
Delta R.T.: -0.038 min
Response: 2556493
Conc: 18.57 ug/ml



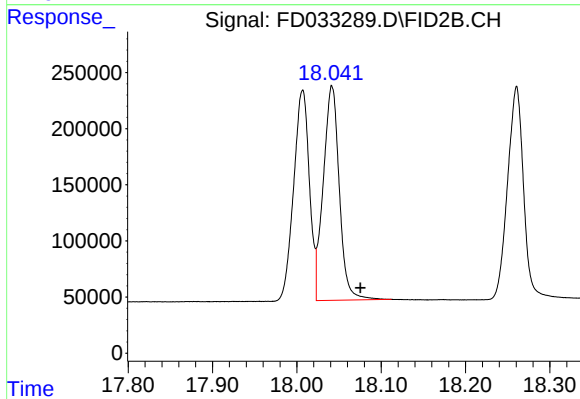
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.637 min
Delta R.T.: -0.032 min
Response: 2510688
Conc: 18.95 ug/ml



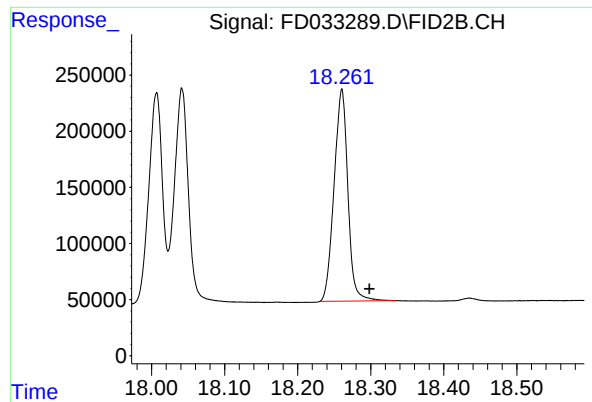
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.007 min
Delta R.T.: -0.031 min
Response: 2459785
Conc: 20.38 ug/ml m



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

R.T.: 18.042 min
Delta R.T.: -0.034 min
Response: 2532145
Conc: 20.21 ug/ml



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

R.T.: 18.261 min
Delta R.T.: -0.037 min
Response: 2477758
Conc: 20.47 ug/ml