

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AR\
 Data File : FD033444.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2020 18:47
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:34:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 03:31:25 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...	7.588	469418	4.114 ug/ml
Spiked Amount 50.000		Recovery =	8.23%
6) S 2-Fluorobiphenyl (SURR)	8.453	307690	3.989 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.98%
11) S ortho-Terphenyl (SURR)	11.479	608137	4.563 ug/ml
Spiked Amount 50.000		Recovery =	9.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	521309	4.493 ug/ml
2) T Naphthalene (C11.7)	5.931	504429	4.156 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	502940	4.089 ug/ml
5) T Acenaphthylene (C15.06)	8.252	542709	4.361 ug/ml
7) T Acenaphthene (C15.5)	8.545	570205	4.378 ug/ml
8) T Fluorene (C16.55)	9.326	523280	4.091 ug/ml
9) T Phenanthrene (C19.36)	10.721	561460	4.272 ug/ml
10) T Anthracene (C19.43)	10.796	527850	4.138 ug/ml
12) T Fluoranthene (C21.85)	12.530	585464	4.342 ug/ml
13) T Pyrene (C20.8)	12.827	592889	4.437 ug/ml
14) T Benzo[a]anthracene (C...	14.699	530985	4.145 ug/ml
15) T Chrysene (C27.41)	14.740	607326	4.561 ug/ml
16) T benzo[b]fluoranthene ...	16.251	559371	4.319 ug/ml
17) T Bnezo[k]fluoranthene ...	16.281	609737	4.600 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.633	560225	4.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	501822	4.093 ug/ml
20) T Dibenz[a,h]anthracene...	18.038	612665	4.714 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	551668	4.403 ug/ml

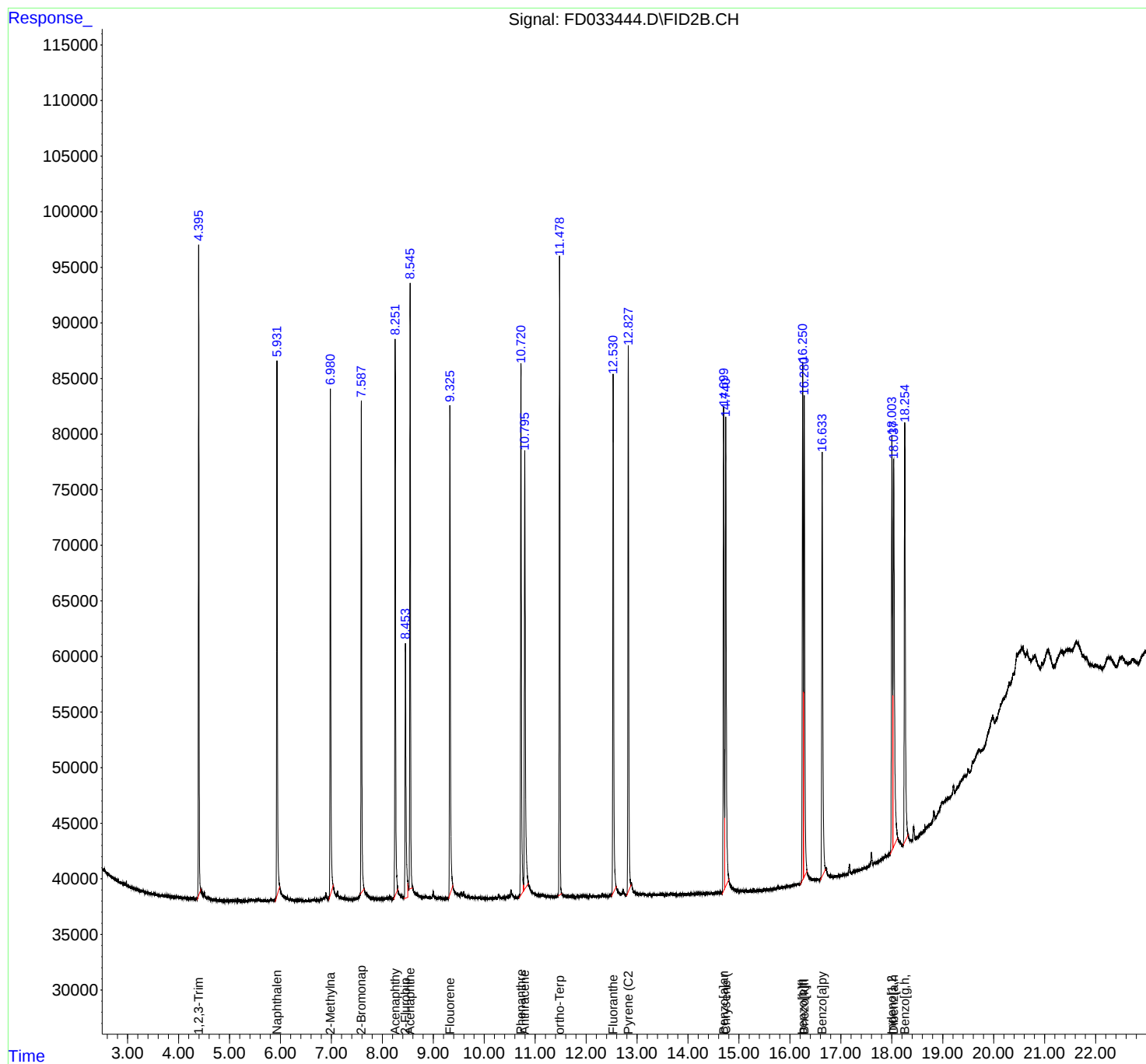
(f)=RT Delta > 1/2 Window

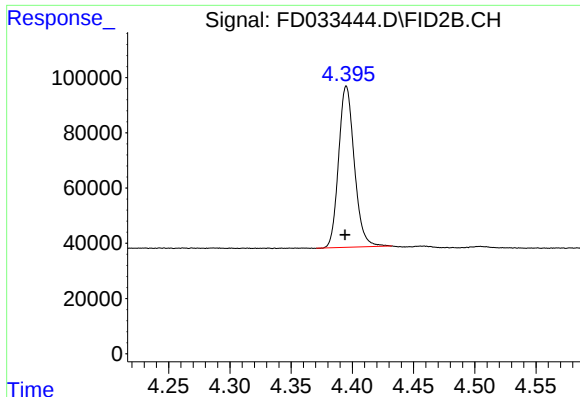
(m)=manual int.

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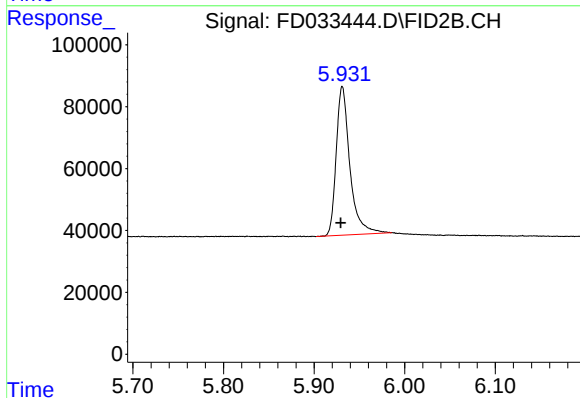
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Signal Info : 20M x 0.18mm x 0.18µm





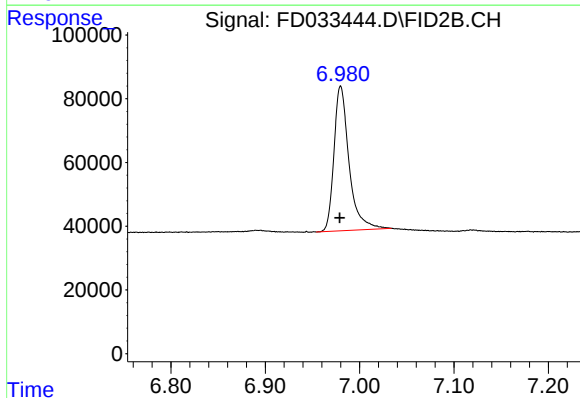
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: 0.001 min
Response: 521309
Conc: 4.49 ug/ml



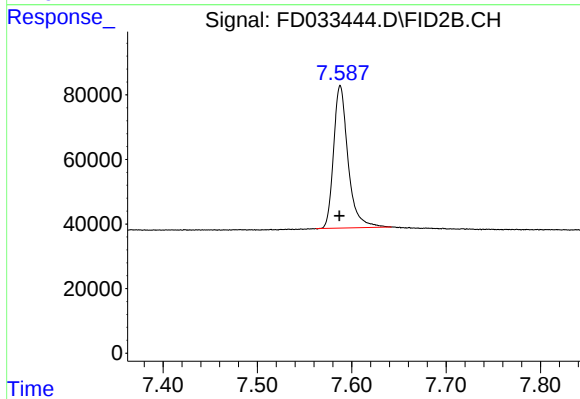
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 504429
Conc: 4.16 ug/ml



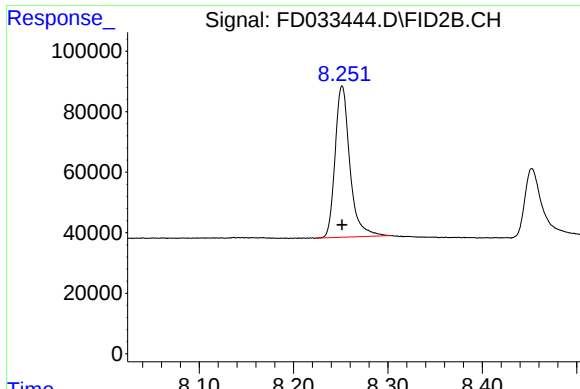
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.001 min
Response: 502940
Conc: 4.09 ug/ml



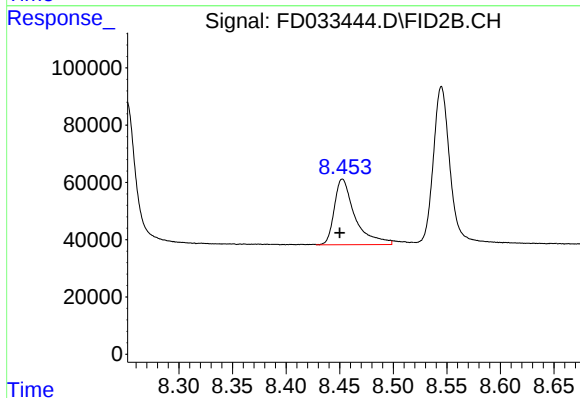
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: 0.000 min
Response: 469418
Conc: 4.11 ug/ml



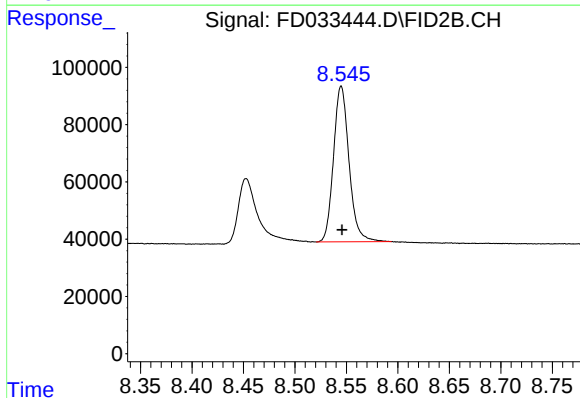
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 542709
Conc: 4.36 ug/ml



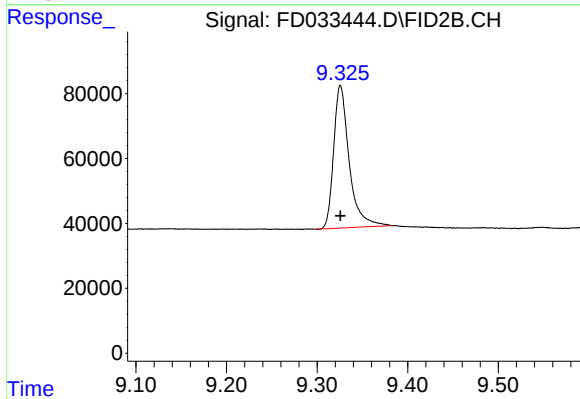
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.453 min
Delta R.T.: 0.003 min
Response: 307690
Conc: 3.99 ug/ml m



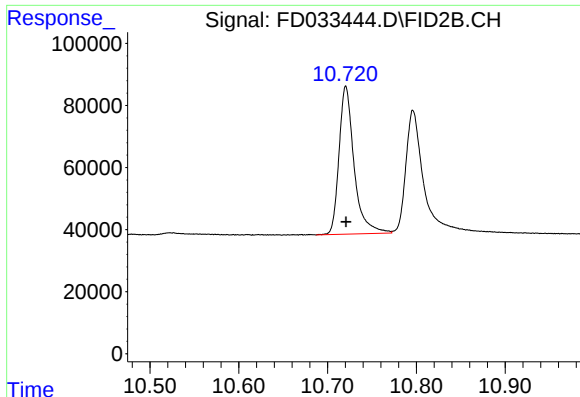
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 570205
Conc: 4.38 ug/ml



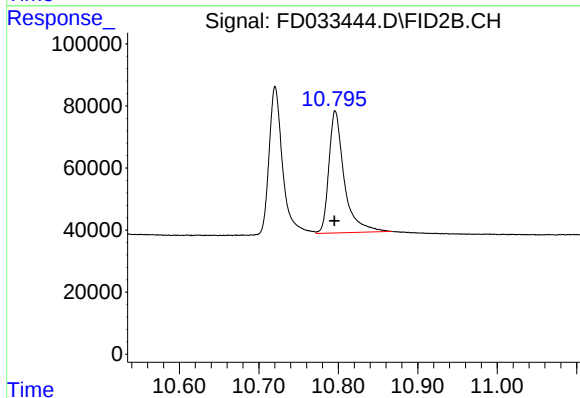
#8 Fluorene (C16.55)

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 523280
Conc: 4.09 ug/ml



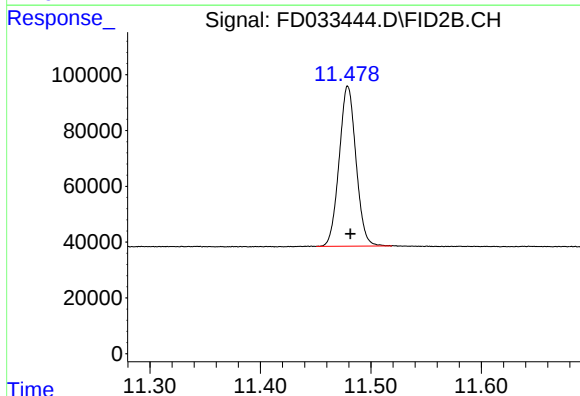
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: 0.000 min
Response: 561460
Conc: 4.27 ug/ml



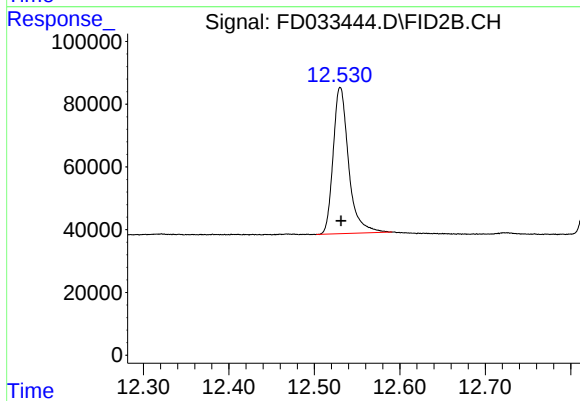
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: 0.001 min
Response: 527850
Conc: 4.14 ug/ml



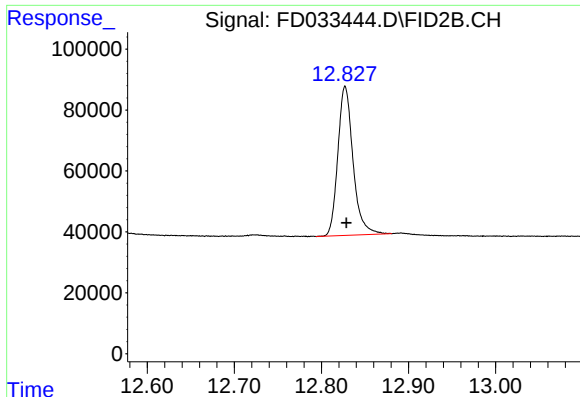
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.002 min
Response: 608137
Conc: 4.56 ug/ml



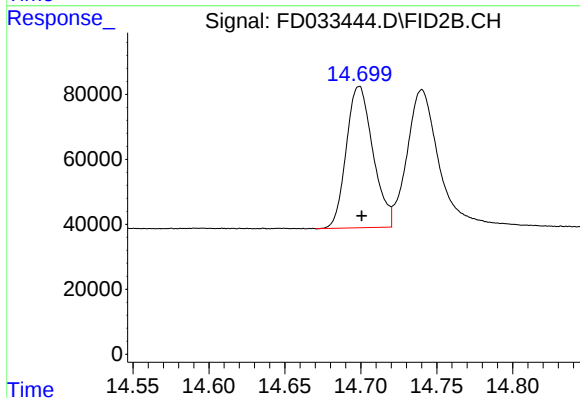
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: 0.000 min
Response: 585464
Conc: 4.34 ug/ml



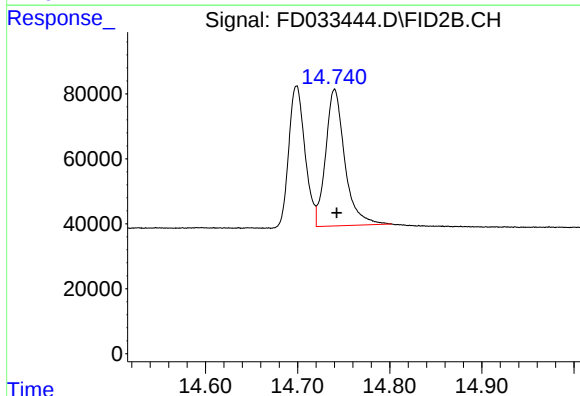
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: -0.001 min
Response: 592889
Conc: 4.44 ug/ml



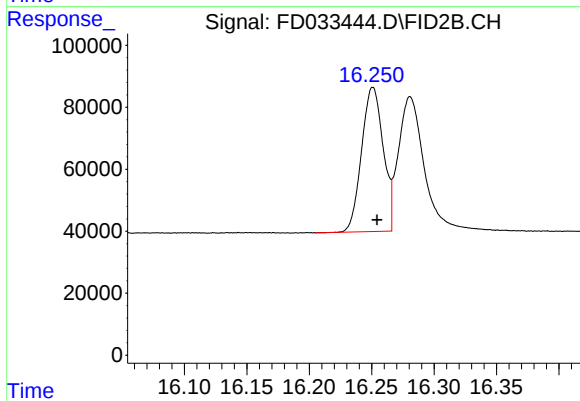
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.002 min
Response: 530985
Conc: 4.14 ug/ml



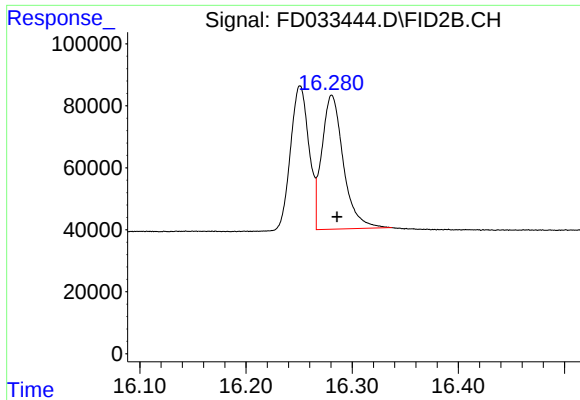
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: -0.002 min
Response: 607326
Conc: 4.56 ug/ml



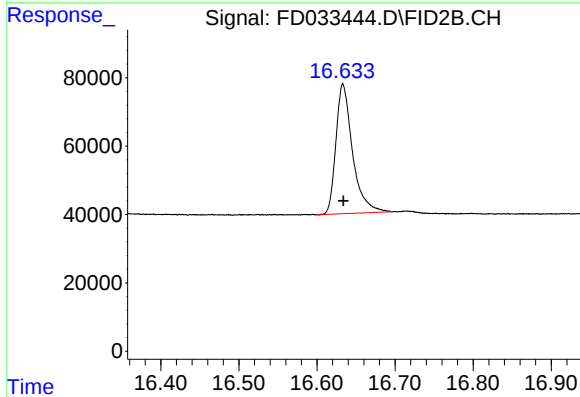
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 559371
Conc: 4.32 ug/ml



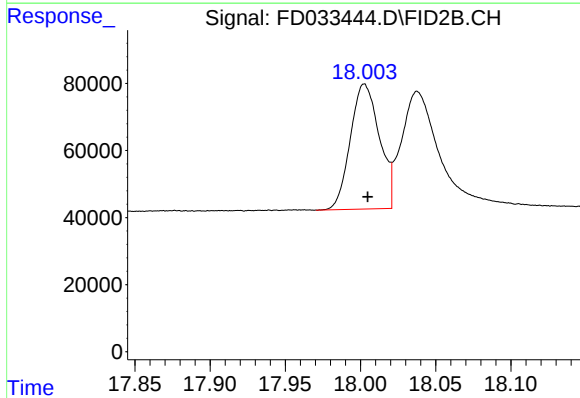
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.281 min
Delta R.T.: -0.005 min
Response: 609737
Conc: 4.60 ug/ml



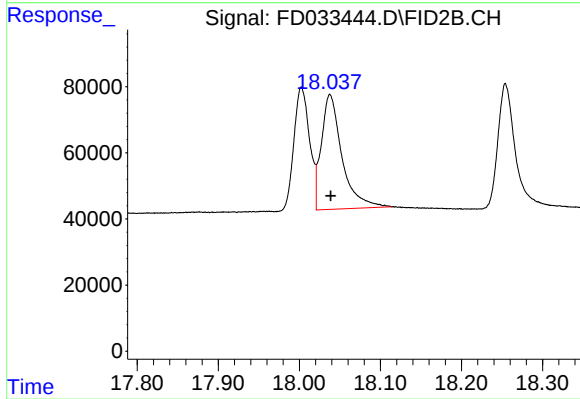
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.633 min
Delta R.T.: 0.000 min
Response: 560225
Conc: 4.35 ug/ml



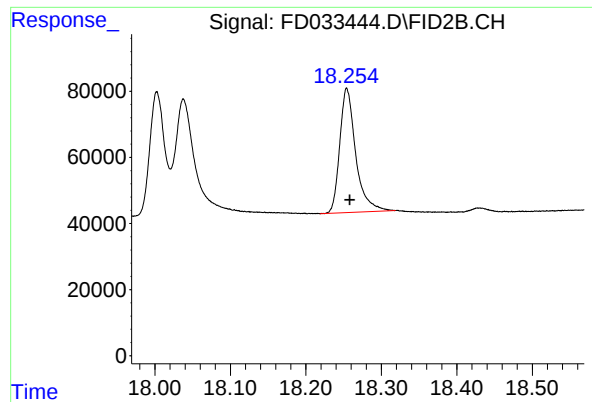
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.003 min
Delta R.T.: -0.002 min
Response: 501822
Conc: 4.09 ug/ml



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

R.T.: 18.038 min
Delta R.T.: 0.000 min
Response: 612665
Conc: 4.71 ug/ml



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

R.T.: 18.254 min
Delta R.T.: -0.004 min
Response: 551668
Conc: 4.40 ug/ml