

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AR\
 Data File : FD043437.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 11:55
 Operator : YP/AJ
 Sample : PB146624BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 03:26:38 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...	7.622	5784310	40.893 ug/ml
Spiked Amount 50.000		Recovery =	81.79%
6) S 2-Fluorobiphenyl (SURR)	8.486	2320868	24.413 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.83%
11) S ortho-Terphenyl (SURR)	11.533	5430608	32.041 ug/ml
Spiked Amount 50.000		Recovery =	64.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	2707743	17.264 ug/mlm
2) T Naphthalene (C11.7)	5.956	3704065	22.908 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	4136372	28.249 ug/ml
5) T Acenaphthylene (C15.06)	8.290	5000073	30.800 ug/ml
7) T Acenaphthene (C15.5)	8.585	4800010	29.690 ug/ml
8) T Flouorene (C16.55)	9.369	5681592	36.258 ug/ml
9) T Phenanthrene (C19.36)	10.768	5658648	36.106 ug/ml
10) T Anthracene (C19.43)	10.843	5570173	36.166 ug/ml
12) T Fluoranthene (C21.85)	12.582	5583775	35.254 ug/ml
13) T Pyrene (C20.8)	12.879	5523656	35.147 ug/ml
14) T Benzo[a]anthracene (C...	14.754	5251769	35.598 ug/ml
15) T Chrysene (C27.41)	14.797	5837461	37.357 ug/ml
16) T benzo[b]fluoranthene ...	16.307	5259695	35.162 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	5071134	33.795 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.685	4605320	32.582 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	4885182	41.335 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	4669405	32.920 ug/ml
21) T Benzo[g,h,i]perylene ...	18.310	4638314	35.667 ug/ml

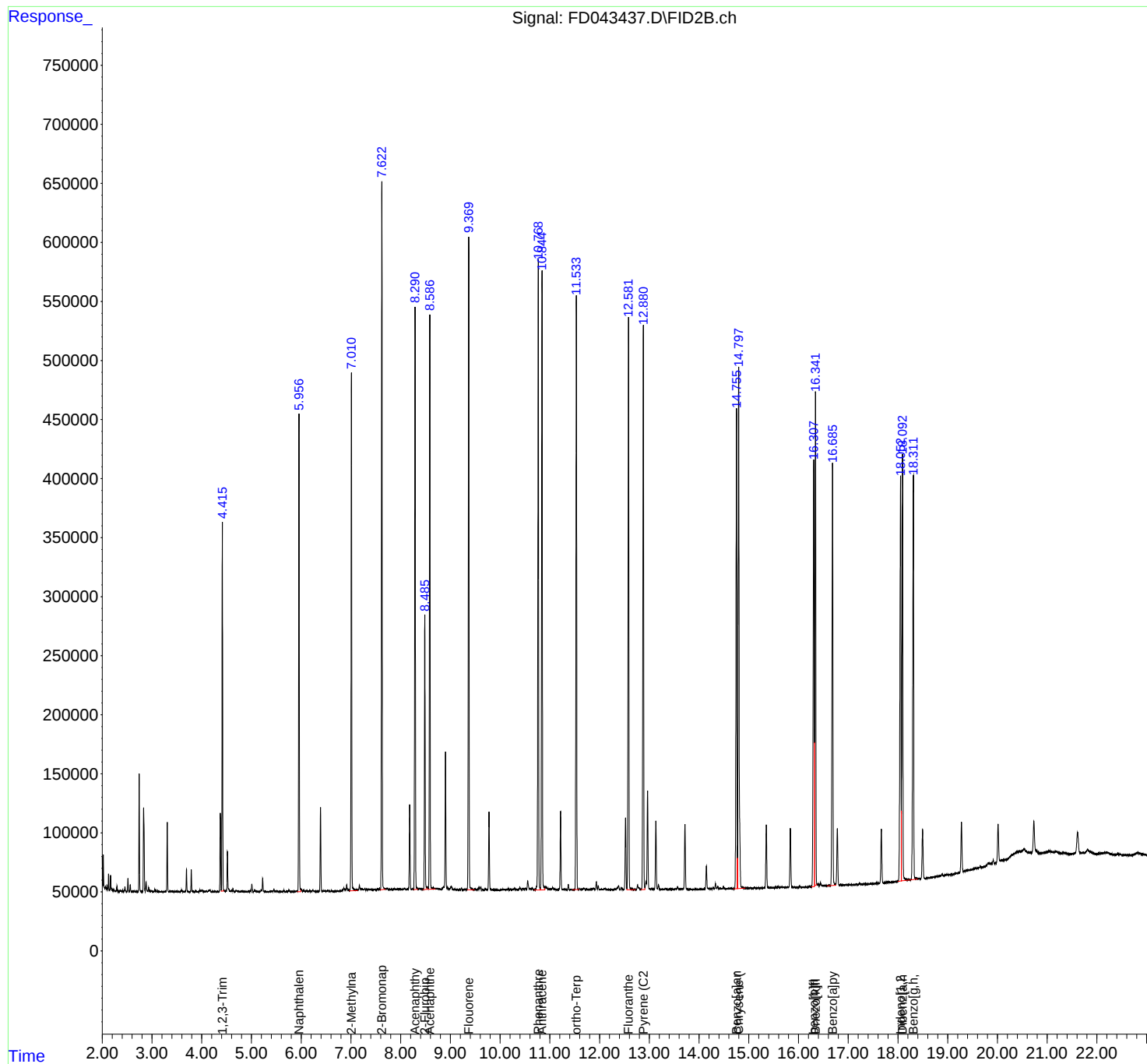
(f)=RT Delta > 1/2 Window

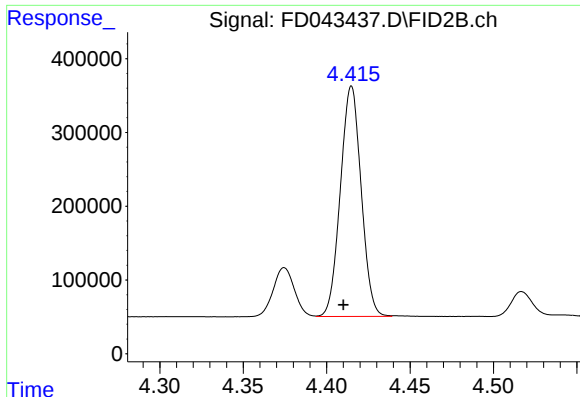
(m)=manual int.

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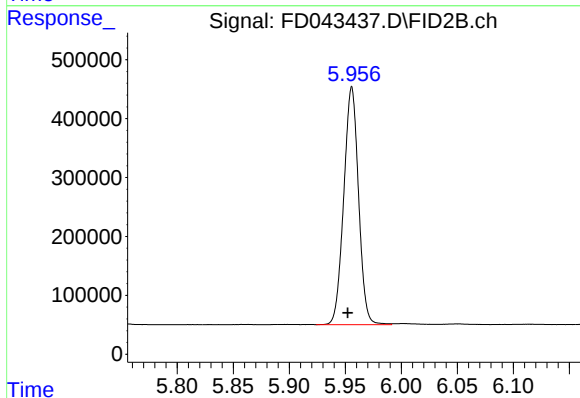
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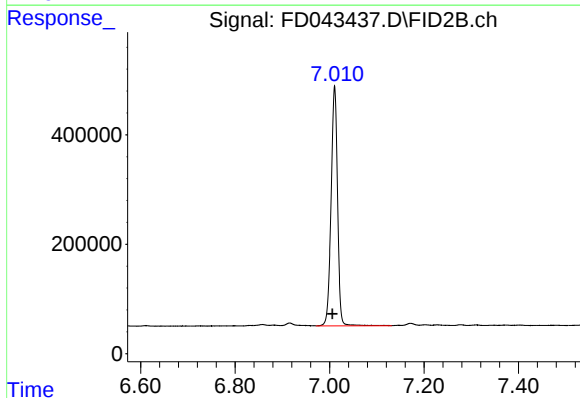
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: 0.005 min
Response: 2707743
Conc: 17.26 ug/ml m



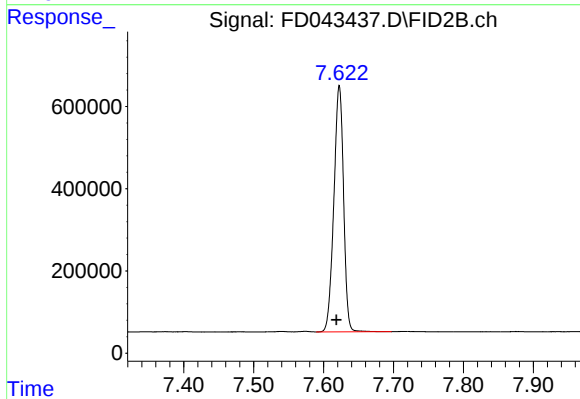
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 3704065
Conc: 22.91 ug/ml



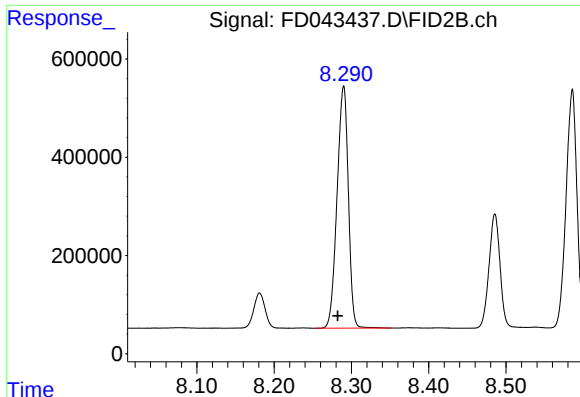
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: 0.005 min
Response: 4136372
Conc: 28.25 ug/ml



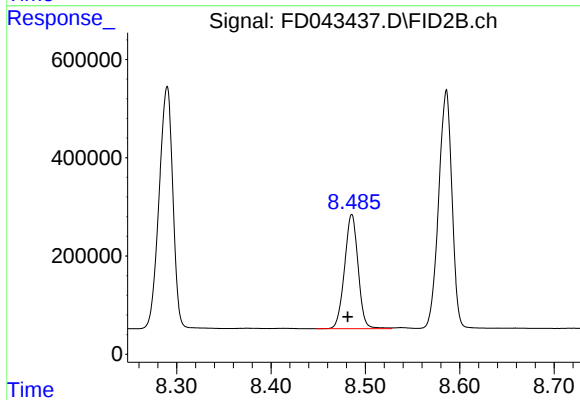
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: 0.004 min
Response: 5784310
Conc: 40.89 ug/ml



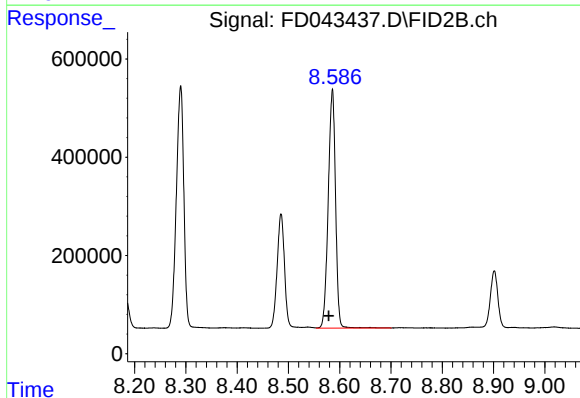
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: 0.007 min
Response: 5000073
Conc: 30.80 ug/ml



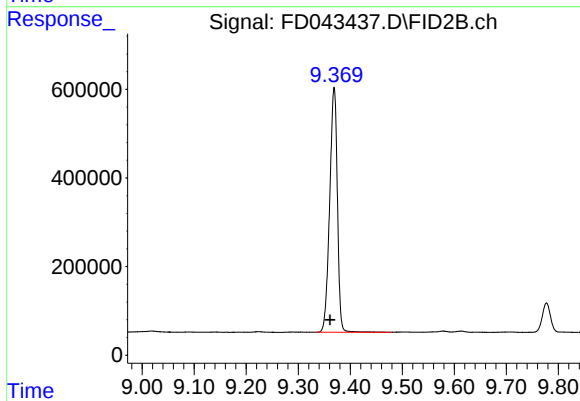
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: 0.004 min
Response: 2320868
Conc: 24.41 ug/ml



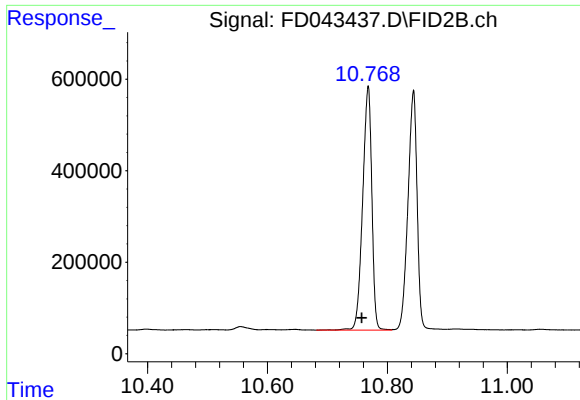
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: 0.007 min
Response: 4800010
Conc: 29.69 ug/ml



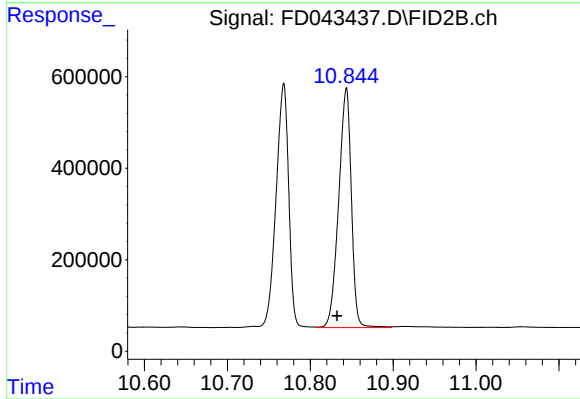
#8 Fluorene (C16.55)

R.T.: 9.369 min
Delta R.T.: 0.007 min
Response: 5681592
Conc: 36.26 ug/ml



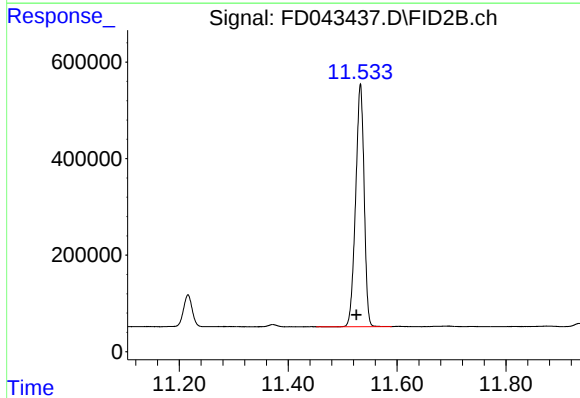
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: 0.010 min
Response: 5658648
Conc: 36.11 ug/ml



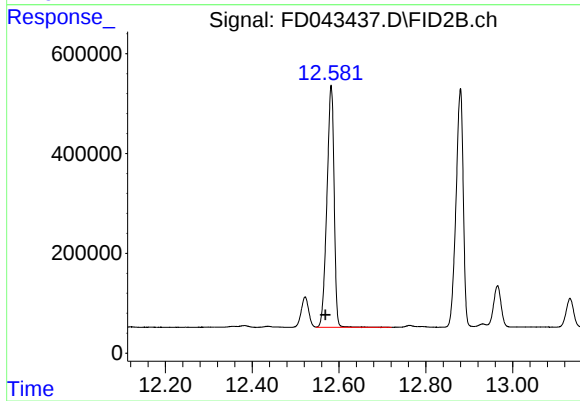
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.011 min
Response: 5570173
Conc: 36.17 ug/ml



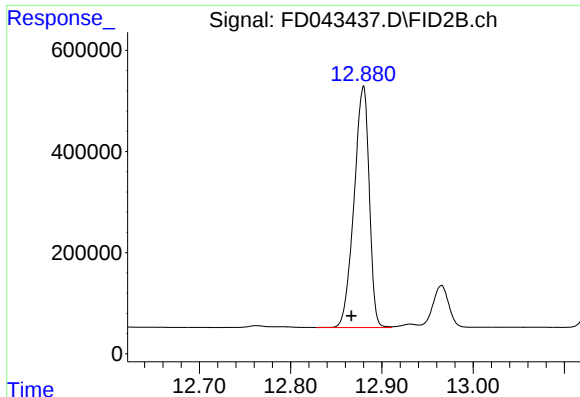
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.007 min
Response: 5430608
Conc: 32.04 ug/ml



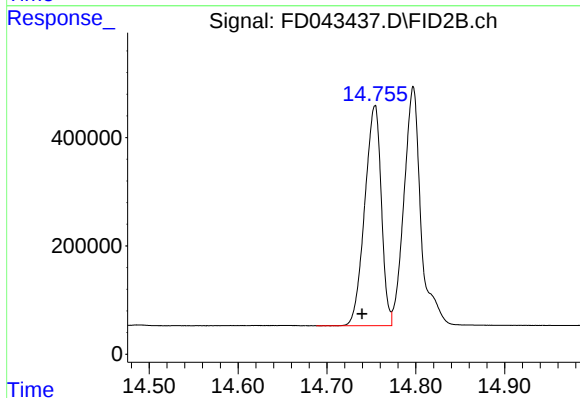
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.013 min
Response: 5583775
Conc: 35.25 ug/ml



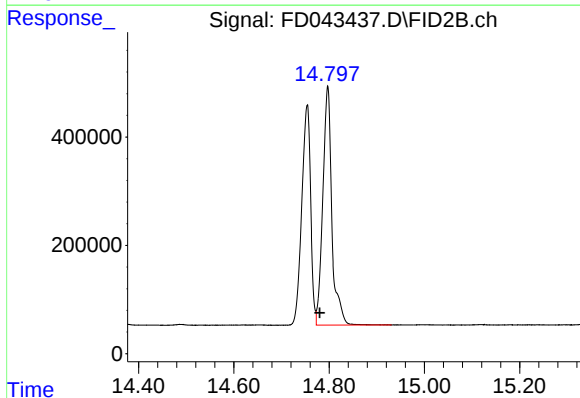
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: 0.013 min
Response: 5523656
Conc: 35.15 ug/ml



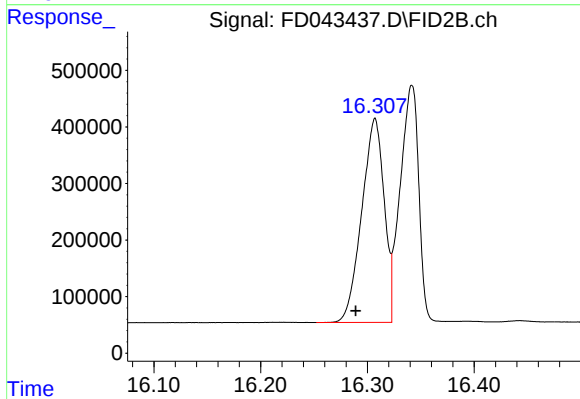
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: 0.014 min
Response: 5251769
Conc: 35.60 ug/ml



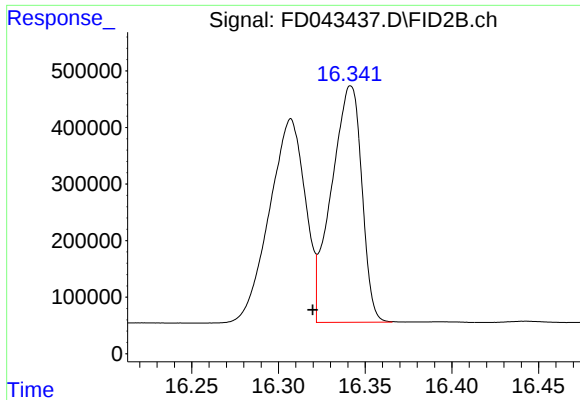
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: 0.017 min
Response: 5837461
Conc: 37.36 ug/ml



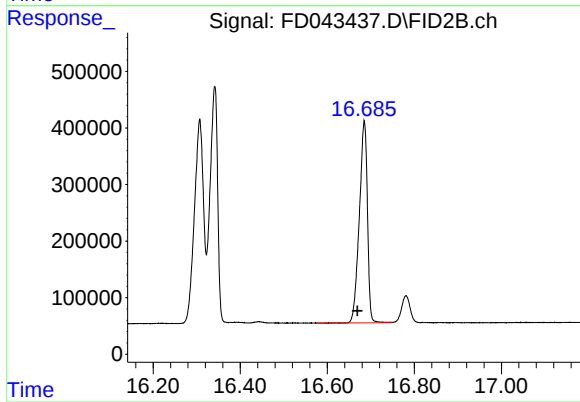
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.307 min
Delta R.T.: 0.018 min
Response: 5259695
Conc: 35.16 ug/ml



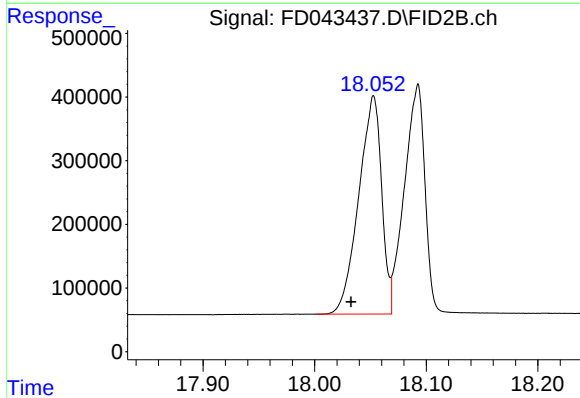
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.341 min
Delta R.T.: 0.021 min
Response: 5071134
Conc: 33.80 ug/ml m



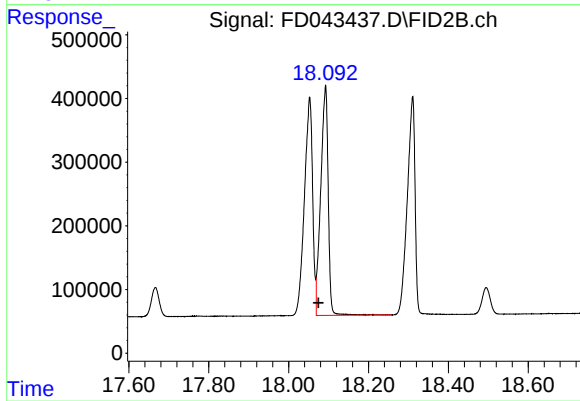
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.685 min
Delta R.T.: 0.015 min
Response: 4605320
Conc: 32.58 ug/ml



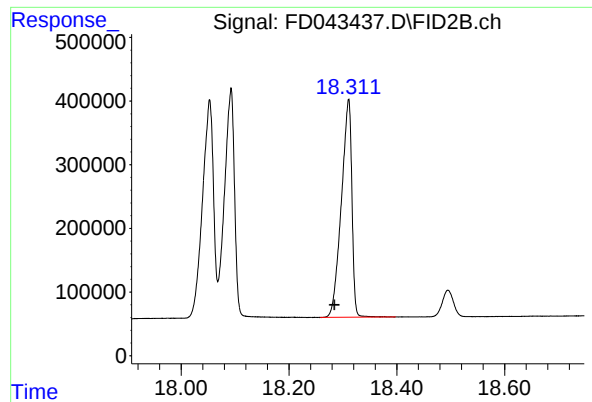
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: 0.020 min
Response: 4885182
Conc: 41.33 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.017 min
Response: 4669405
Conc: 32.92 ug/ml



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

R.T.: 18.310 min
Delta R.T.: 0.026 min
Response: 4638314
Conc: 35.67 ug/ml