

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AR\
 Data File : FD038464.D
 Signal(s) : FID2B.CH
 Acq On : 10 Aug 2021 14:02
 Operator : AJ\MA
 Sample : PB138245BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 01:07:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 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...	7.472	6528490	51.514 ug/ml
Spiked Amount 50.000		Recovery =	103.03%
6) S 2-Fluorobiphenyl (SURR)	8.331	4053654	46.688 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.38%
11) S ortho-Terphenyl (SURR)	11.368	5802299	40.449 ug/ml
Spiked Amount 50.000		Recovery =	80.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	4190671	29.882 ug/ml
2) T Naphthalene (C11.7)	5.810	4922409	33.801 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	5006021	34.519 ug/ml
5) T Acenaphthylene (C15.06)	8.132	5407026	37.449 ug/ml
7) T Acenaphthene (C15.5)	8.429	5686654	37.991 ug/ml
8) T Fluorene (C16.55)	9.209	5490721	38.534 ug/ml
9) T Phenanthrene (C19.36)	10.603	5475877	38.795 ug/ml
10) T Anthracene (C19.43)	10.679	5276416	38.597 ug/ml
12) T Fluoranthene (C21.85)	12.413	5411274	38.524 ug/ml
13) T Pyrene (C20.8)	12.709	5357878	38.248 ug/ml
14) T Benzo[a]anthracene (C...	14.582	4792158	37.426 ug/ml
15) T Chrysene (C27.41)	14.624	5315233	38.485 ug/ml
16) T benzo[b]fluoranthene ...	16.135	4608217	36.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	4655308	35.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	4527728	37.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	4068306	36.924 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	4435422	36.034 ug/ml
21) T Benzo[g,h,i]perylene ...	18.139	4365415	38.110 ug/ml

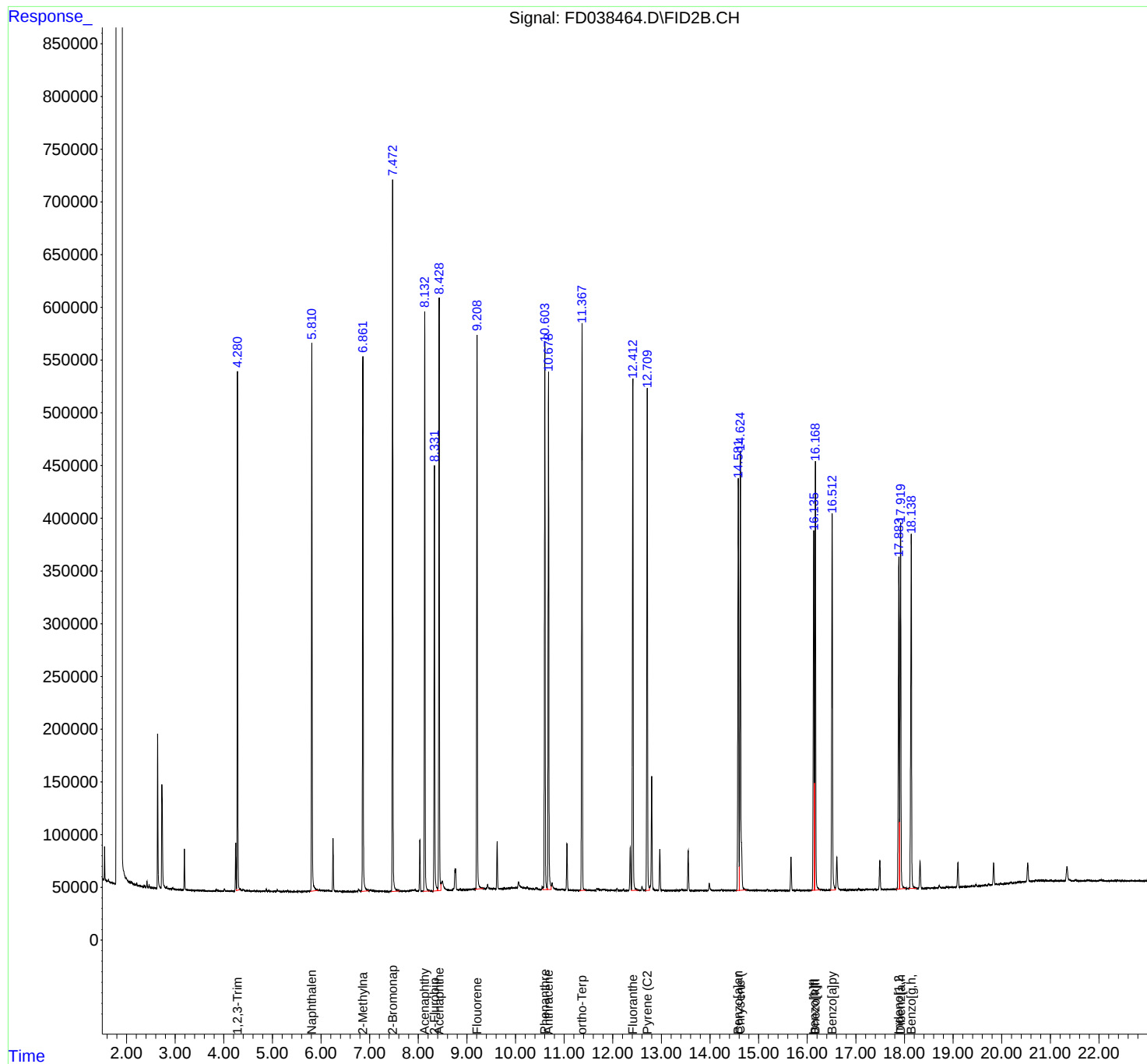
(f)=RT Delta > 1/2 Window

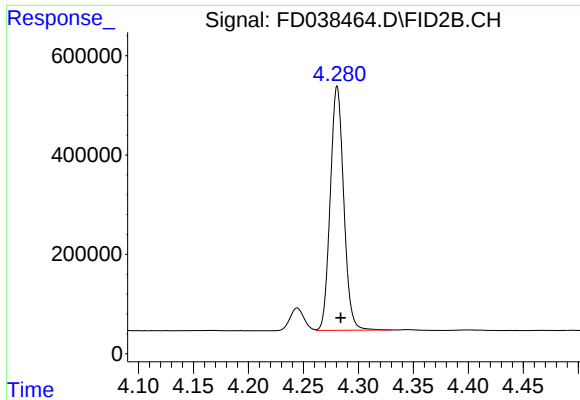
(m)=manual int.

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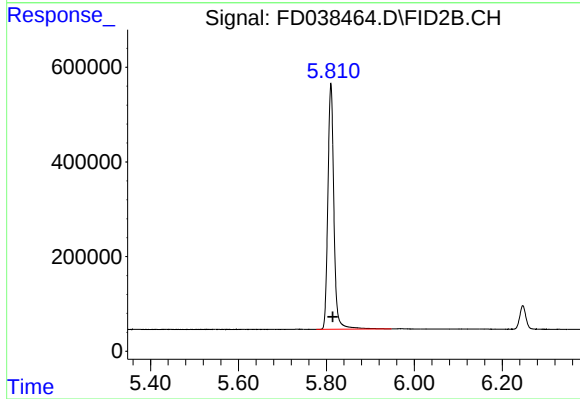
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Signal Info : 20M x 0.18mm x 0.18µm





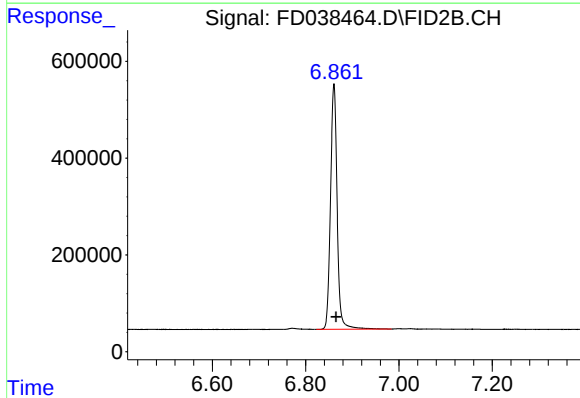
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 4190671
Conc: 29.88 ug/ml



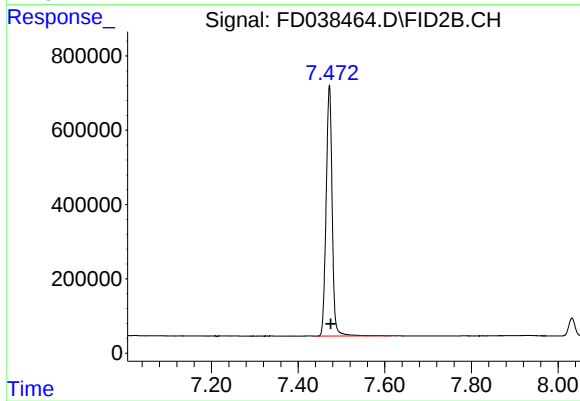
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 4922409
Conc: 33.80 ug/ml



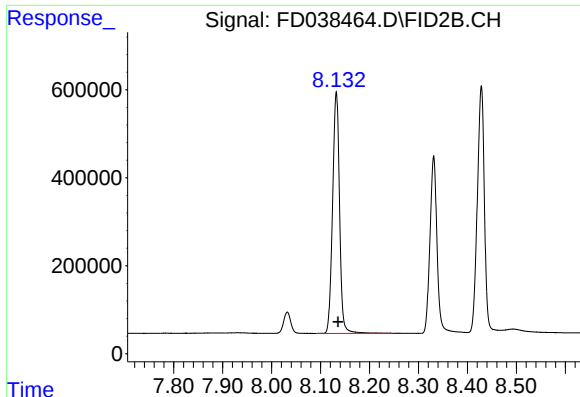
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 5006021
Conc: 34.52 ug/ml



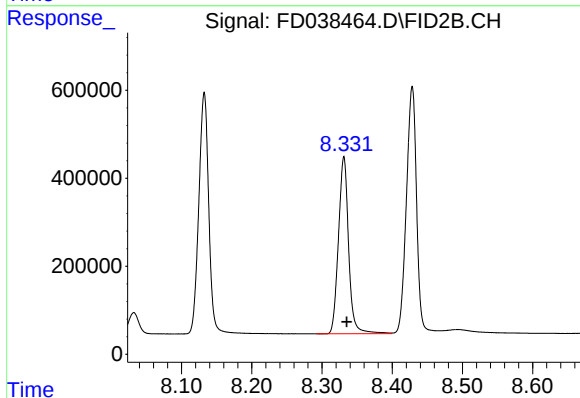
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 6528490
Conc: 51.51 ug/ml



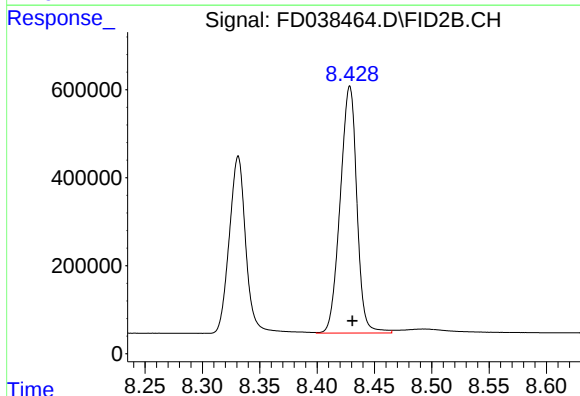
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 5407026
Conc: 37.45 ug/ml



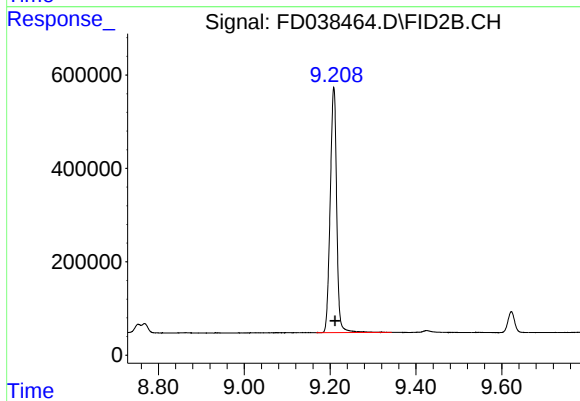
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.004 min
Response: 4053654
Conc: 46.69 ug/ml



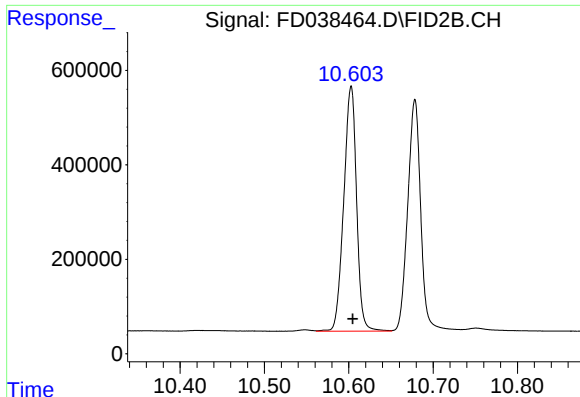
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 5686654
Conc: 37.99 ug/ml



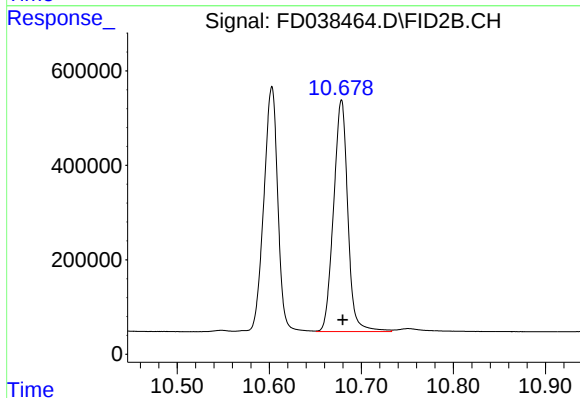
#8 Flouorene (C16.55)

R.T.: 9.209 min
Delta R.T.: -0.003 min
Response: 5490721
Conc: 38.53 ug/ml



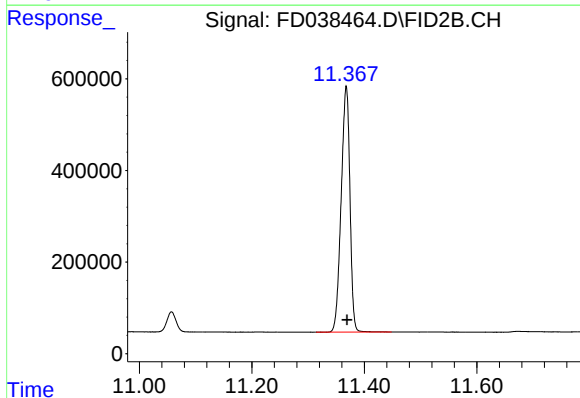
#9 Phenanthrene (C19.36)

R.T.: 10.603 min
Delta R.T.: -0.002 min
Response: 5475877
Conc: 38.79 ug/ml



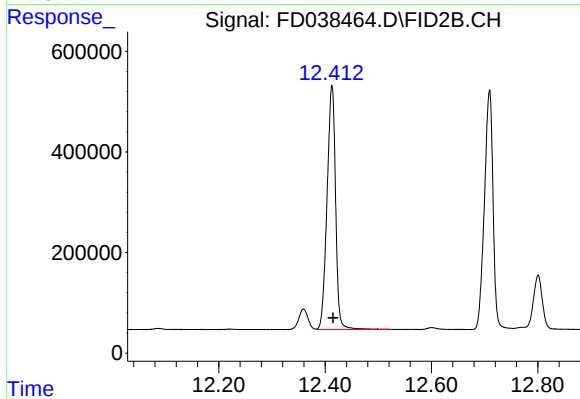
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: -0.001 min
Response: 5276416
Conc: 38.60 ug/ml



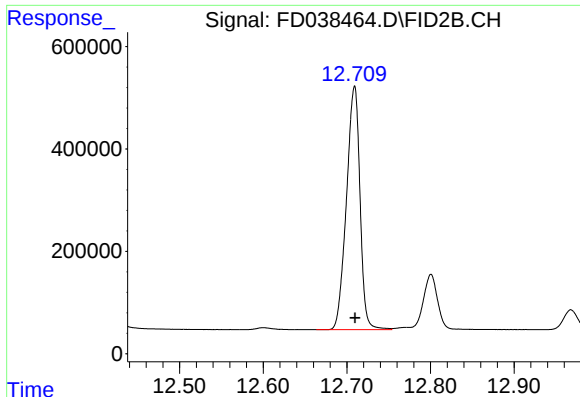
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: -0.001 min
Response: 5802299
Conc: 40.45 ug/ml



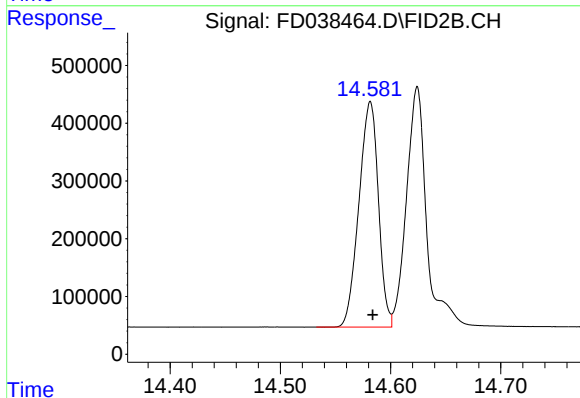
#12 Fluoranthene (C21.85)

R.T.: 12.413 min
Delta R.T.: -0.002 min
Response: 5411274
Conc: 38.52 ug/ml



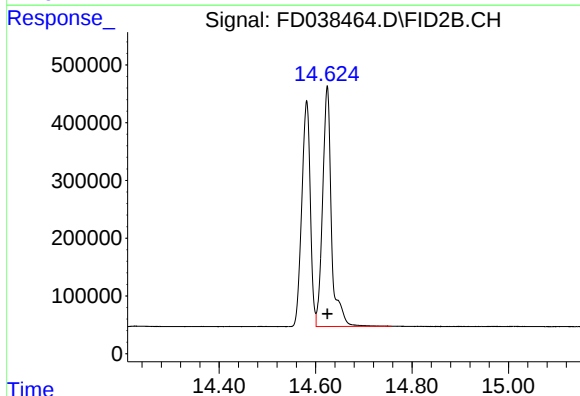
#13 Pyrene (C20.8)

R.T.: 12.709 min
Delta R.T.: 0.000 min
Response: 5357878
Conc: 38.25 ug/ml



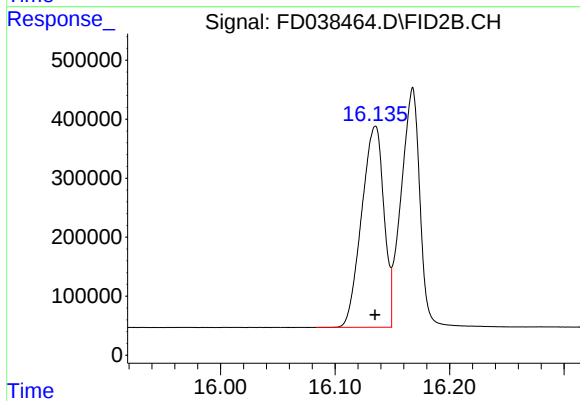
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.002 min
Response: 4792158
Conc: 37.43 ug/ml



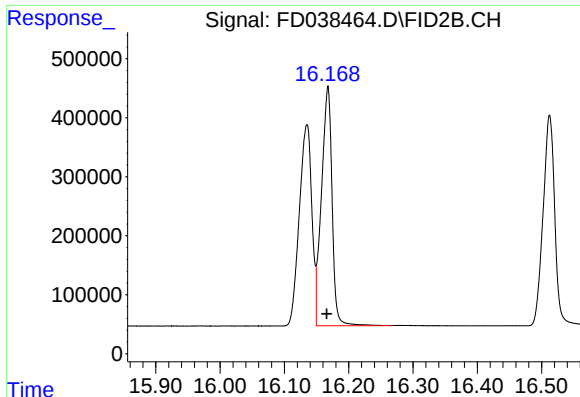
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: 0.000 min
Response: 5315233
Conc: 38.48 ug/ml



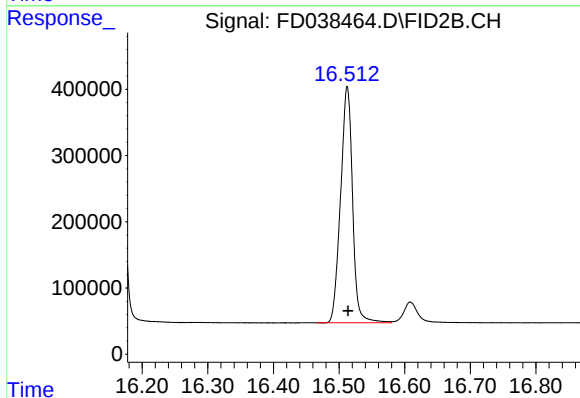
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 4608217
Conc: 36.85 ug/ml



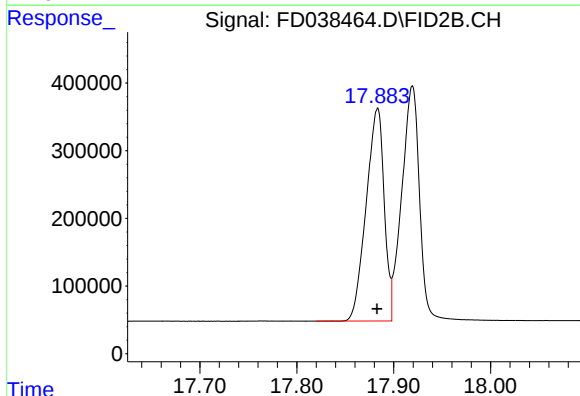
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 4655308
Conc: 35.31 ug/ml



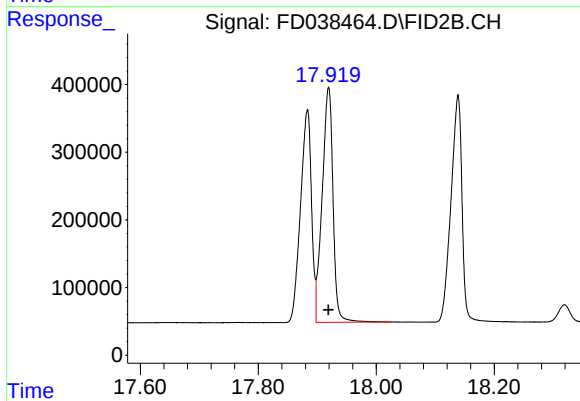
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: -0.001 min
Response: 4527728
Conc: 37.88 ug/ml



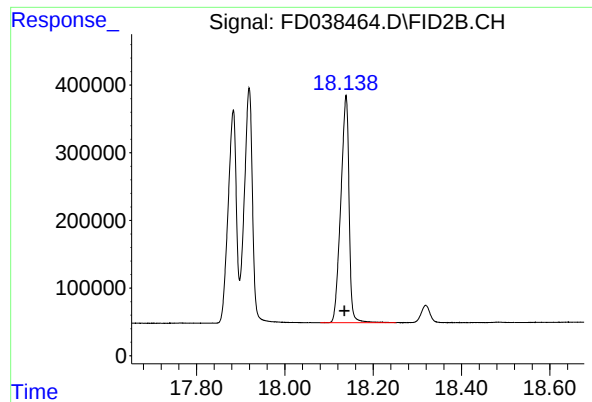
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 4068306
Conc: 36.92 ug/ml



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

R.T.: 17.919 min
Delta R.T.: 0.000 min
Response: 4435422
Conc: 36.03 ug/ml



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

R.T.: 18.139 min
Delta R.T.: 0.004 min
Response: 4365415
Conc: 38.11 ug/ml