

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011121AR\
 Data File : FD035988.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 6:31
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 07:18:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 06:30:05 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...	7.619	2359529	20.250 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
6) S 2-Fluorobiphenyl (SURR)	8.479	1672710	20.453 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.91%
11) S ortho-Terphenyl (SURR)	11.524	2773267	20.281 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	2503549	19.919 ug/ml
2) T Naphthalene (C11.7)	5.956	2729137	20.040 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	2741118	20.143 ug/ml
5) T Acenaphthylene (C15.06)	8.283	2658143	20.381 ug/ml
7) T Acenaphthene (C15.5)	8.579	2732725	20.321 ug/ml
8) T Fluorene (C16.55)	9.359	2699672	20.482 ug/ml
9) T Phenanthrene (C19.36)	10.755	2737226	20.525 ug/ml
10) T Anthracene (C19.43)	10.829	2725608	20.660 ug/ml
12) T Fluoranthene (C21.85)	12.565	2742744	20.548 ug/ml
13) T Pyrene (C20.8)	12.862	2688107	20.467 ug/ml
14) T Benzo[a]anthracene (C...	14.730	2481846	20.580 ug/ml
15) T Chrysene (C27.41)	14.774	2546601	20.472 ug/ml
16) T benzo[b]fluoranthene ...	16.277	2342038	20.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	2280815	20.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	2136465	20.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	2104505	20.262 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	2155095	20.400 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2107224	20.356 ug/ml

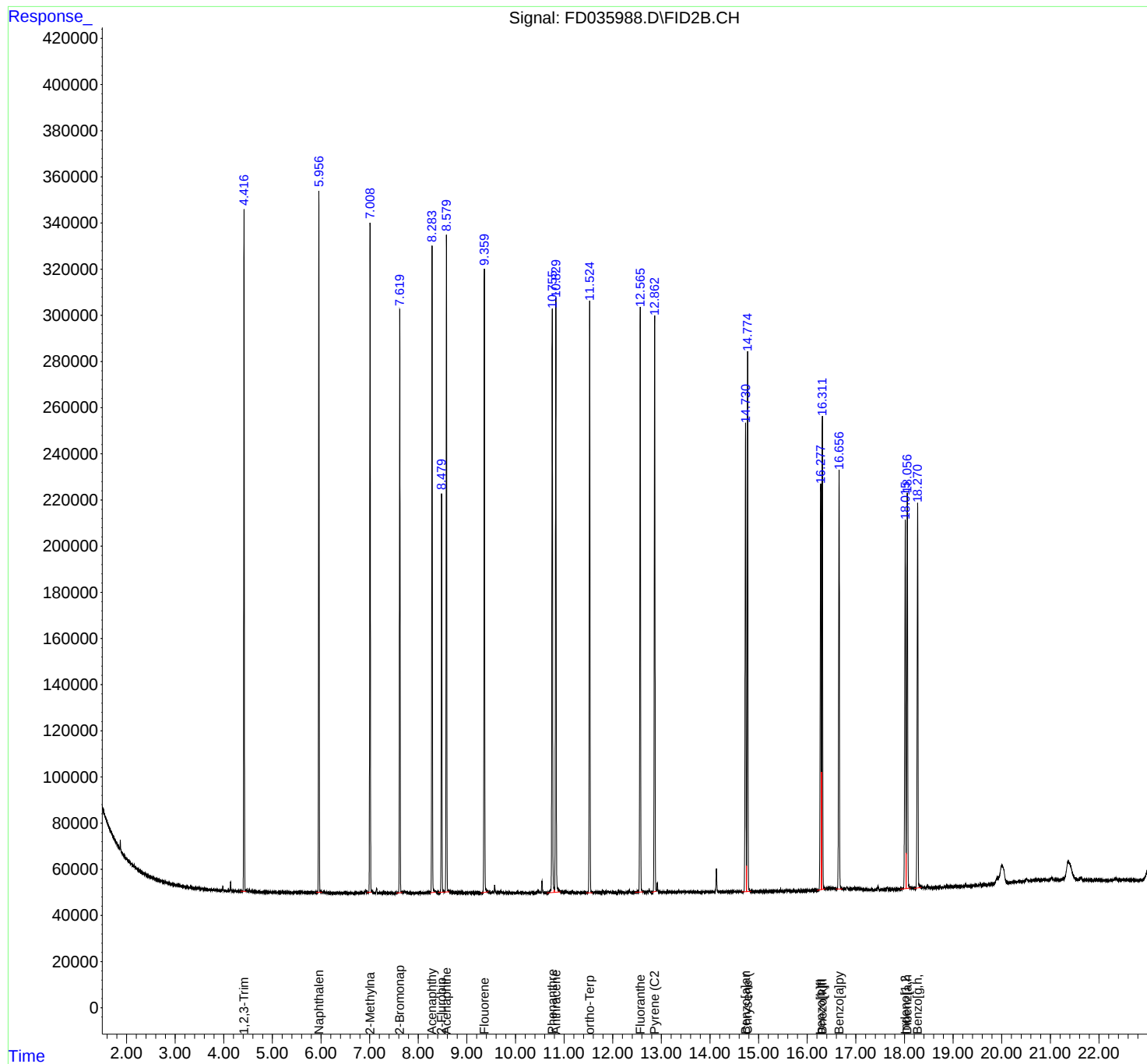
(f)=RT Delta > 1/2 Window

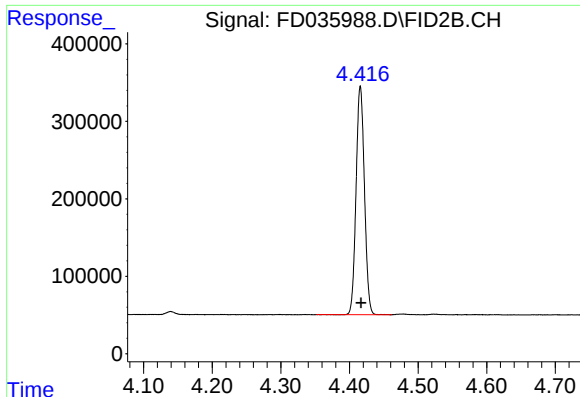
(m)=manual int.

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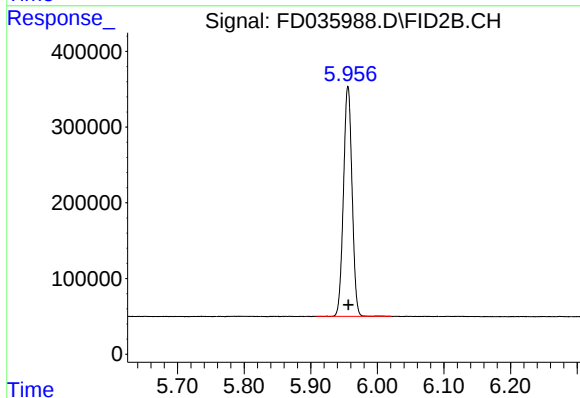
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Signal Info : 20M x 0.18mm x 0.18µm





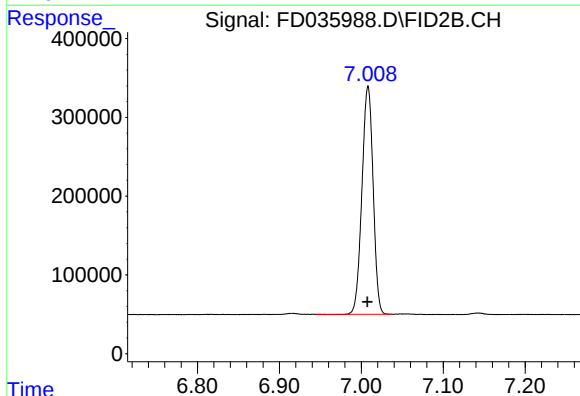
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: -0.001 min
Response: 2503549
Conc: 19.92 ug/ml



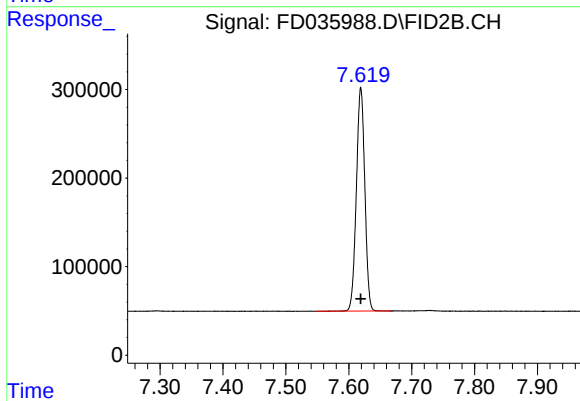
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 2729137
Conc: 20.04 ug/ml



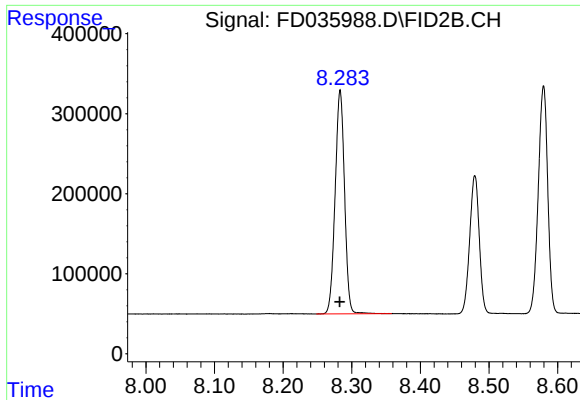
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 2741118
Conc: 20.14 ug/ml



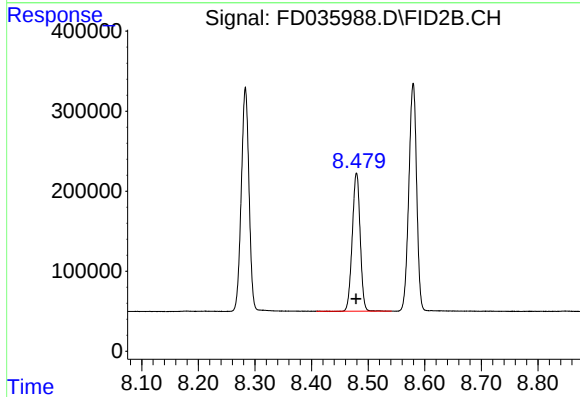
#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 2359529
Conc: 20.25 ug/ml



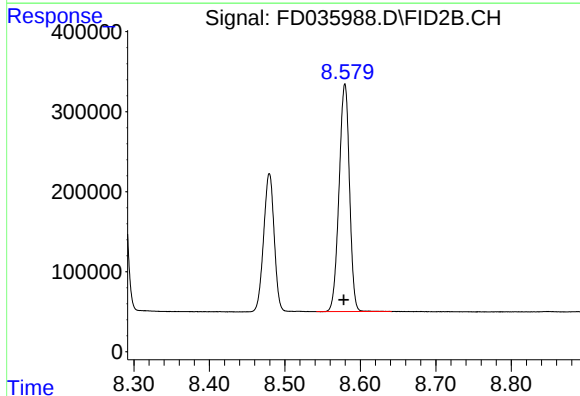
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 2658143
Conc: 20.38 ug/ml



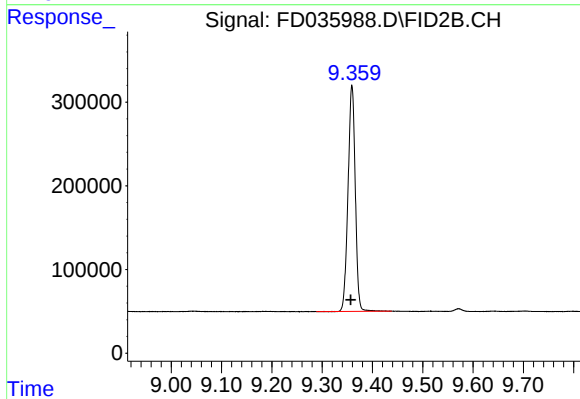
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 1672710
Conc: 20.45 ug/ml



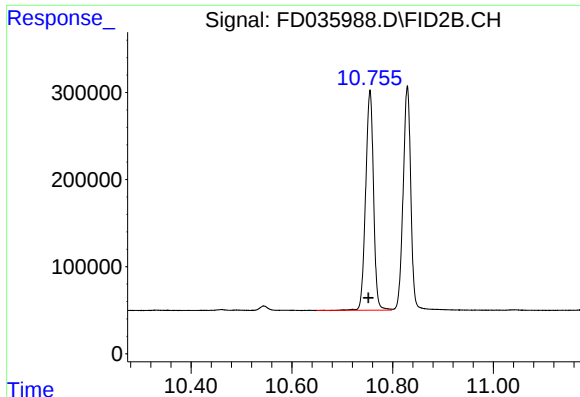
#7 Acenaphthene (C15.5)

R.T.: 8.579 min
Delta R.T.: 0.001 min
Response: 2732725
Conc: 20.32 ug/ml



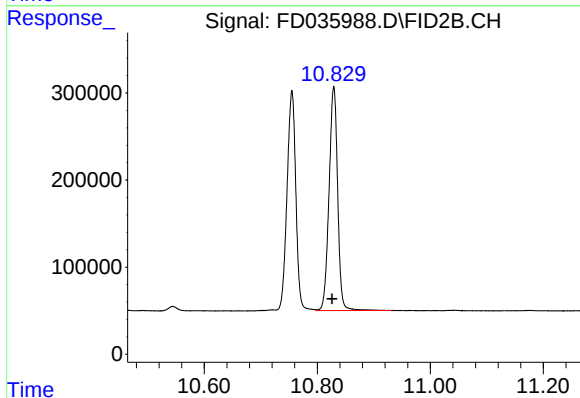
#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: 0.002 min
Response: 2699672
Conc: 20.48 ug/ml



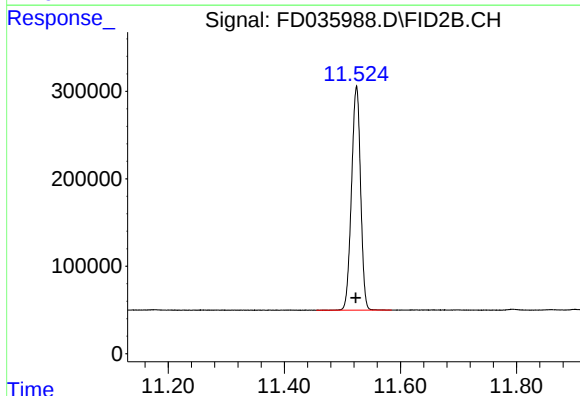
#9 Phenanthrene (C19.36)

R.T.: 10.755 min
Delta R.T.: 0.003 min
Response: 2737226
Conc: 20.52 ug/ml



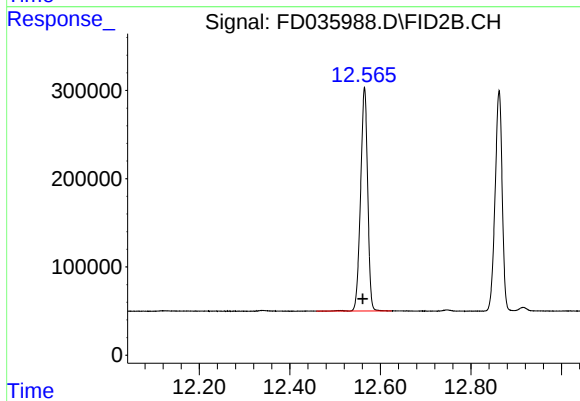
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: 0.003 min
Response: 2725608
Conc: 20.66 ug/ml



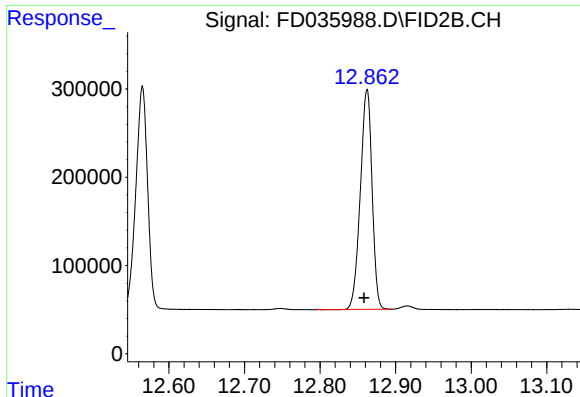
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.002 min
Response: 2773267
Conc: 20.28 ug/ml



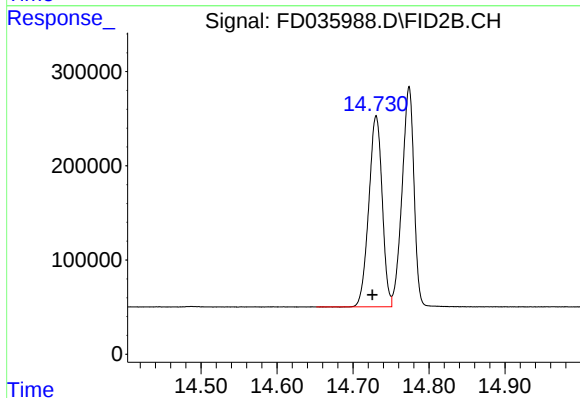
#12 Fluoranthene (C21.85)

R.T.: 12.565 min
Delta R.T.: 0.004 min
Response: 2742744
Conc: 20.55 ug/ml



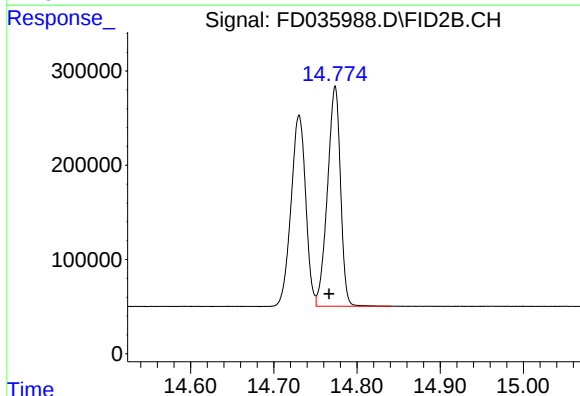
#13 Pyrene (C20.8)

R.T.: 12.862 min
Delta R.T.: 0.004 min
Response: 2688107
Conc: 20.47 ug/ml



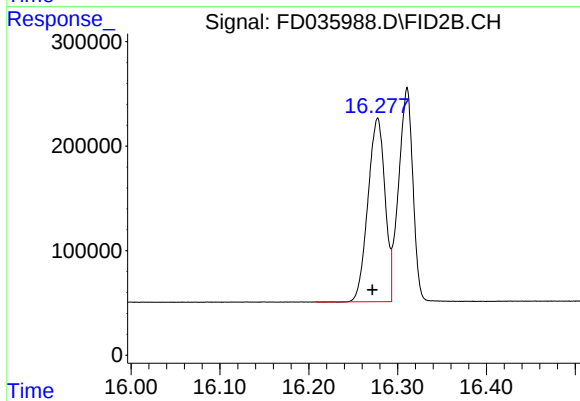
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.730 min
Delta R.T.: 0.005 min
Response: 2481846
Conc: 20.58 ug/ml



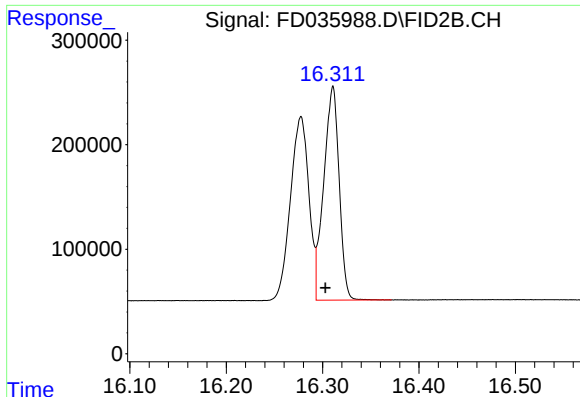
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: 0.007 min
Response: 2546601
Conc: 20.47 ug/ml



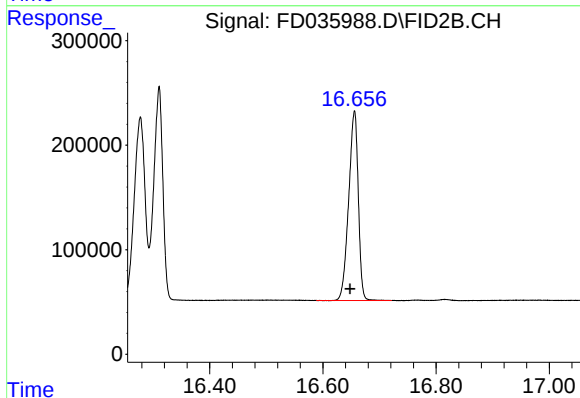
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.277 min
Delta R.T.: 0.006 min
Response: 2342038
Conc: 20.40 ug/ml



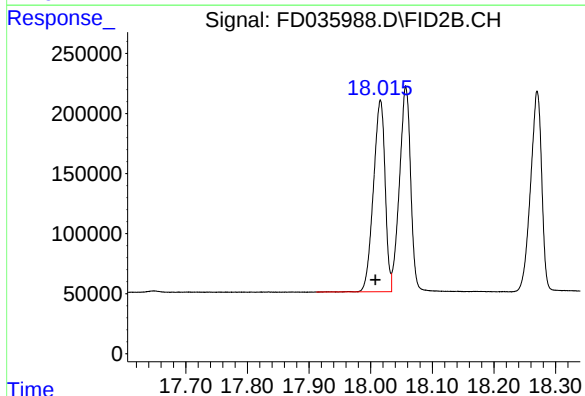
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.310 min
Delta R.T.: 0.007 min
Response: 2280815
Conc: 20.34 ug/ml



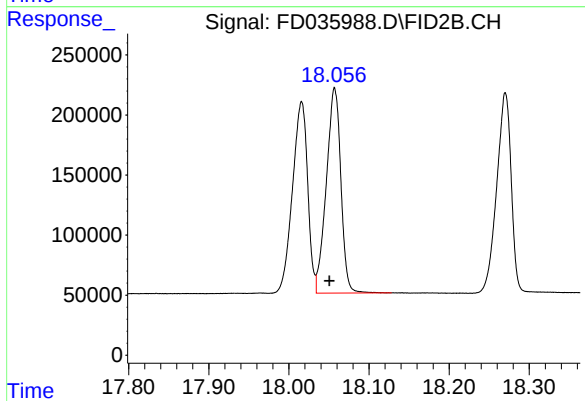
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: 0.007 min
Response: 2136465
Conc: 20.50 ug/ml



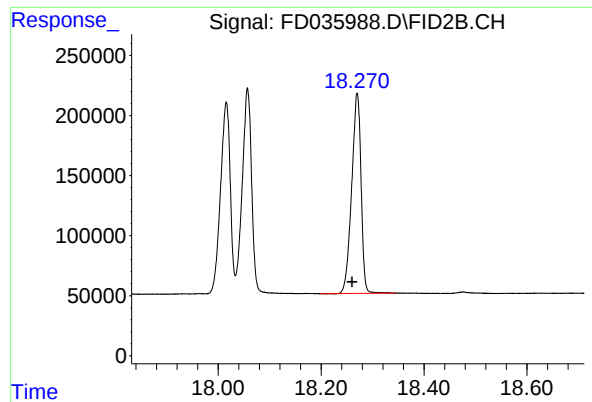
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: 0.008 min
Response: 2104505
Conc: 20.26 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.007 min
Response: 2155095
Conc: 20.40 ug/ml



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

R.T.: 18.270 min
Delta R.T.: 0.010 min
Response: 2107224
Conc: 20.36 ug/ml