

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038225.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 21:30
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR LOD 4 PPM
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 04:52:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.524	4157847	31.903 ug/ml
Spiked Amount 50.000		Recovery =	63.81%
6) S 2-Fluorobiphenyl (SURR)	8.386	2653632	29.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.97%
11) S ortho-Terphenyl (SURR)	11.423	5907175	38.978 ug/ml
Spiked Amount 50.000		Recovery =	77.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	443899	3.134 ug/ml
2) T Naphthalene (C11.7)	5.864	447044	3.024 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	436006	2.971 ug/ml
5) T Acenaphthylene (C15.06)	8.186	428952	2.876 ug/ml
7) T Acenaphthene (C15.5)	8.480	468285	3.024 ug/ml
8) T Fluorene (C16.55)	9.261	402412	2.745 ug/ml
9) T Phenanthrene (C19.36)	10.656	362158	2.505 ug/ml
10) T Anthracene (C19.43)	10.732	317083	2.241 ug/ml
12) T Fluoranthene (C21.85)	12.467	368002	2.540 ug/ml
13) T Pyrene (C20.8)	12.764	355657	2.496 ug/ml
14) T Benzo[a]anthracene (C...	14.637	322898	2.529 ug/ml
15) T Chrysene (C27.41)	14.677	399359	2.821 ug/ml
16) T benzo[b]fluoranthene ...	16.189	354189	2.840 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	372603	2.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.571	327477	2.792 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	327976	3.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	390361	3.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.193	360473	3.303 ug/ml

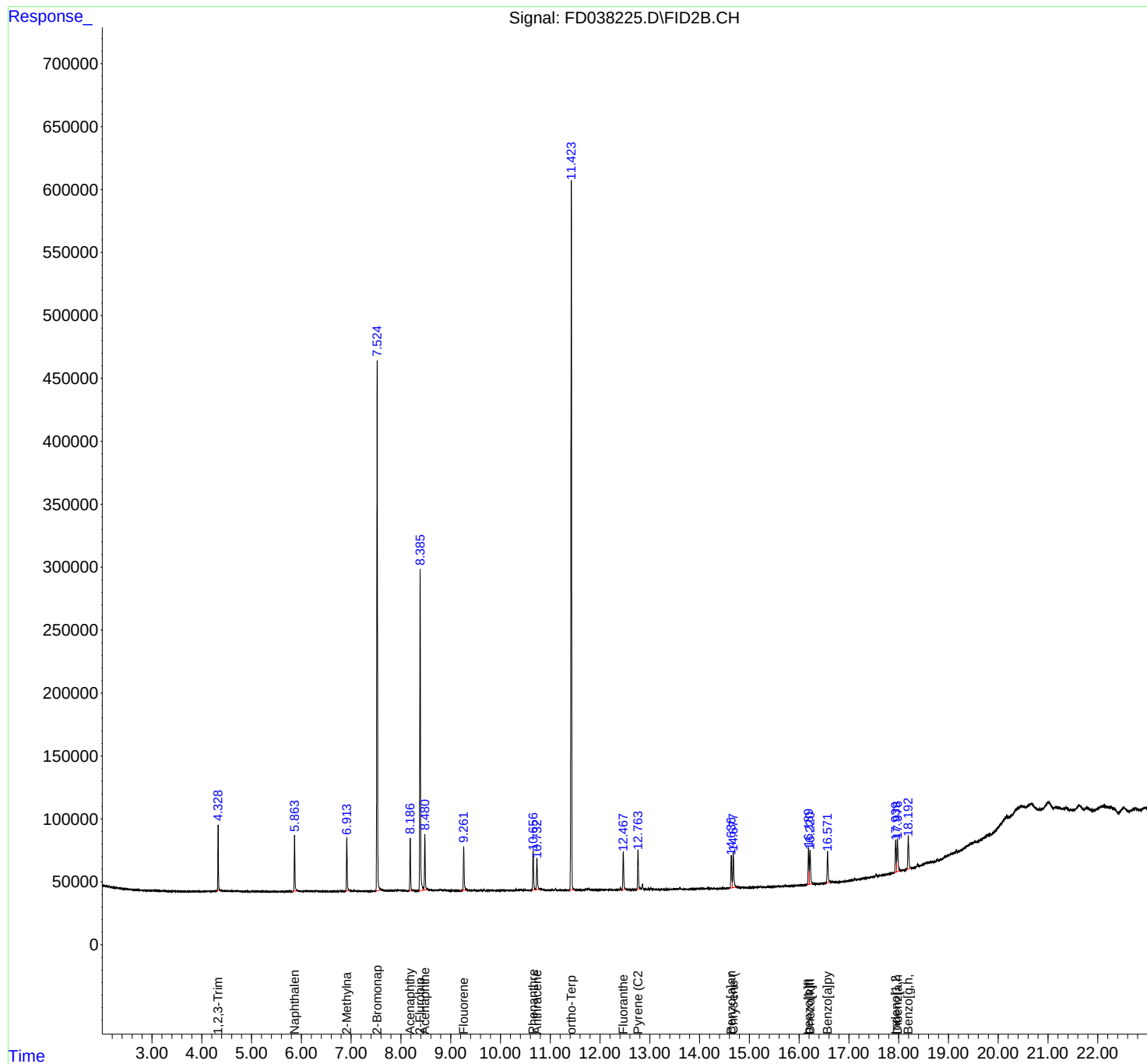
(f)=RT Delta > 1/2 Window

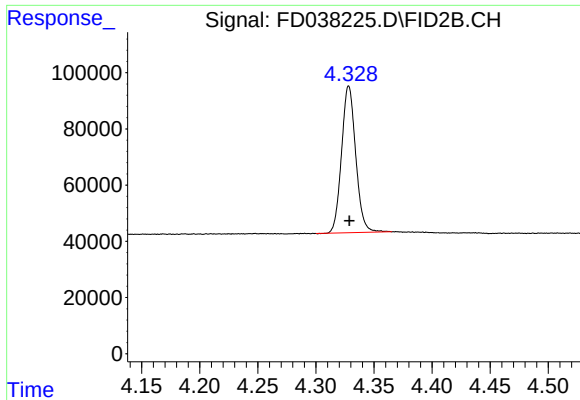
(m)=manual int.

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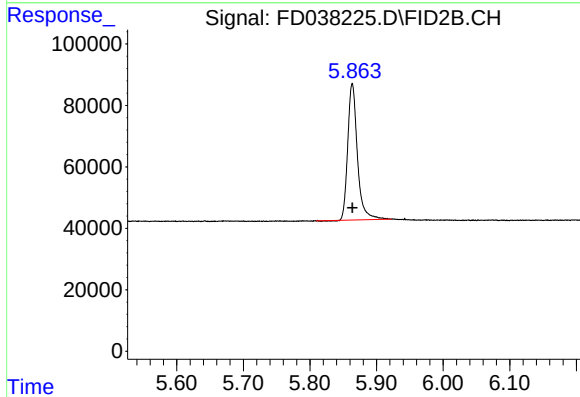
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Signal Info : 20M x 0.18mm x 0.18µm





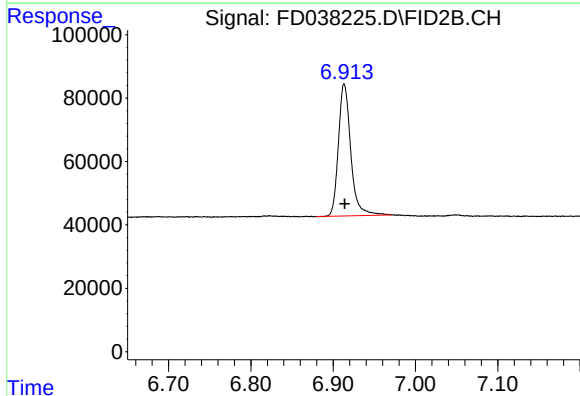
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 443899
Conc: 3.13 ug/ml



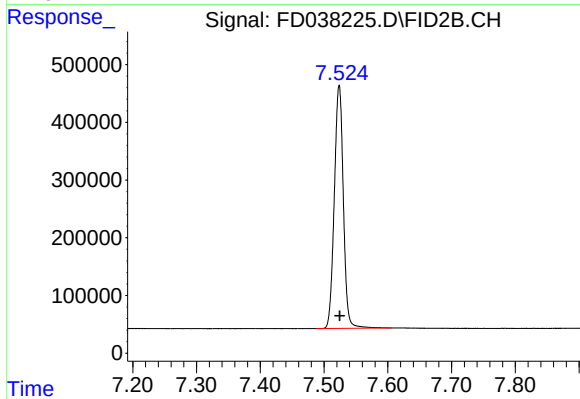
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 447044
Conc: 3.02 ug/ml



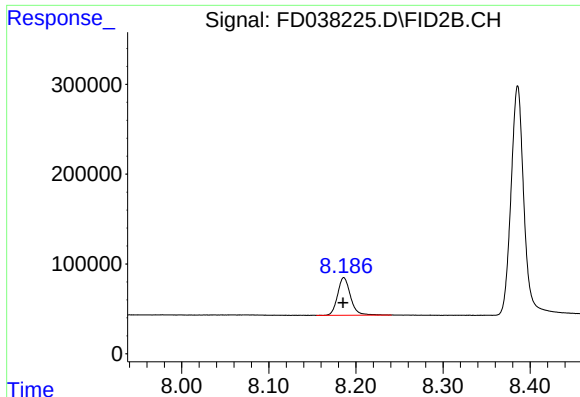
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 436006
Conc: 2.97 ug/ml



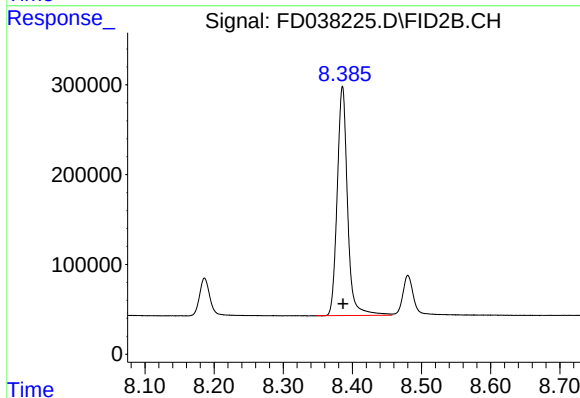
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 4157847
Conc: 31.90 ug/ml



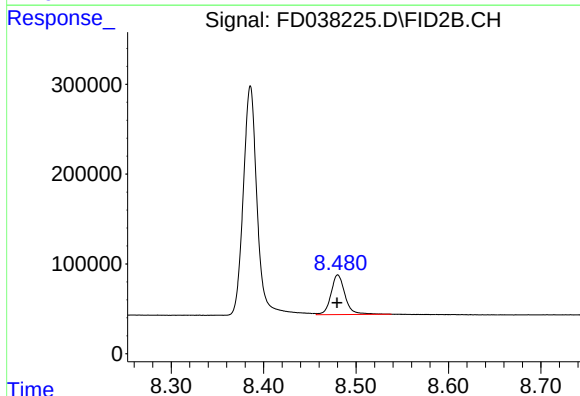
#5 Acenaphthylene (C15.06)

R.T.: 8.186 min
Delta R.T.: 0.000 min
Response: 428952
Conc: 2.88 ug/ml



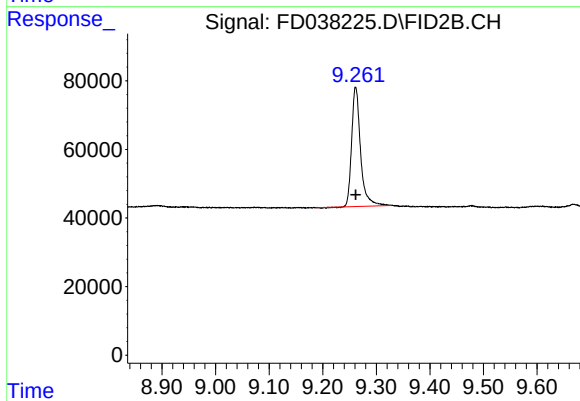
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 2653632
Conc: 29.99 ug/ml



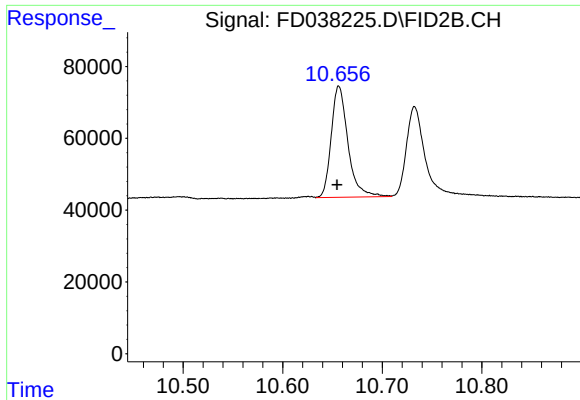
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 468285
Conc: 3.02 ug/ml



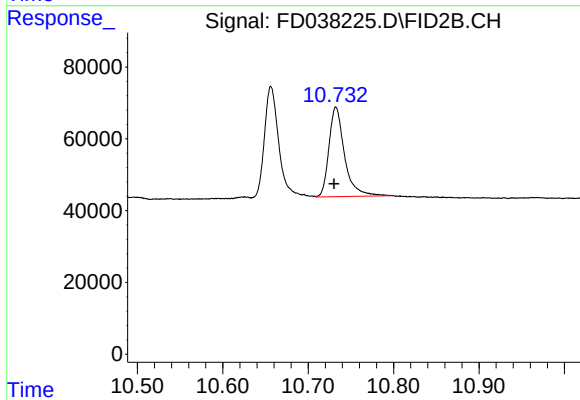
#8 Flouorene (C16.55)

R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 402412
Conc: 2.75 ug/ml



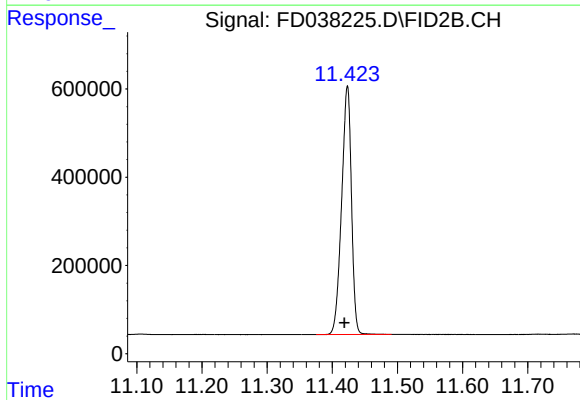
#9 Phenanthrene (C19.36)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 362158
Conc: 2.51 ug/ml



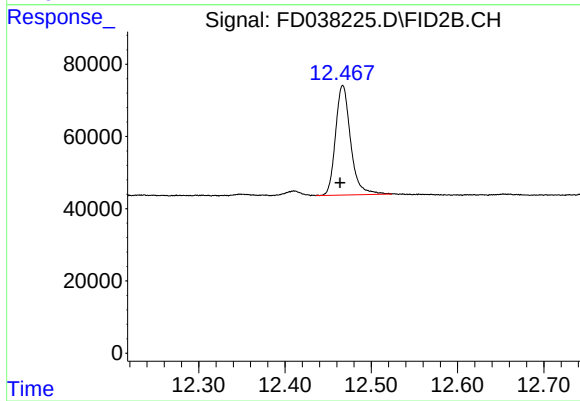
#10 Anthracene (C19.43)

R.T.: 10.732 min
Delta R.T.: 0.002 min
Response: 317083
Conc: 2.24 ug/ml



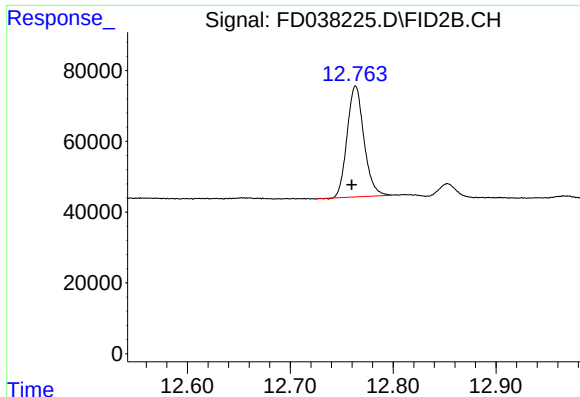
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: 0.005 min
Response: 5907175
Conc: 38.98 ug/ml



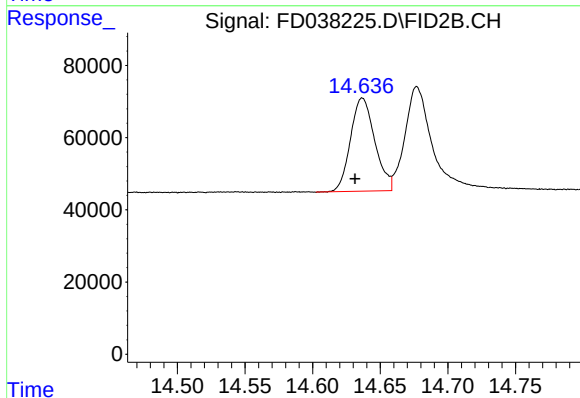
#12 Fluoranthene (C21.85)

R.T.: 12.467 min
Delta R.T.: 0.003 min
Response: 368002
Conc: 2.54 ug/ml



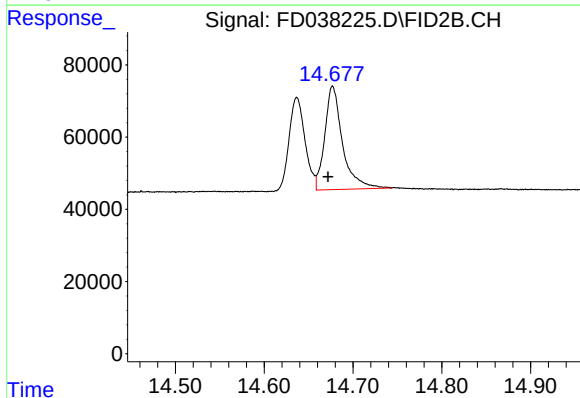
#13 Pyrene (C20.8)

R.T.: 12.764 min
Delta R.T.: 0.004 min
Response: 355657
Conc: 2.50 ug/ml



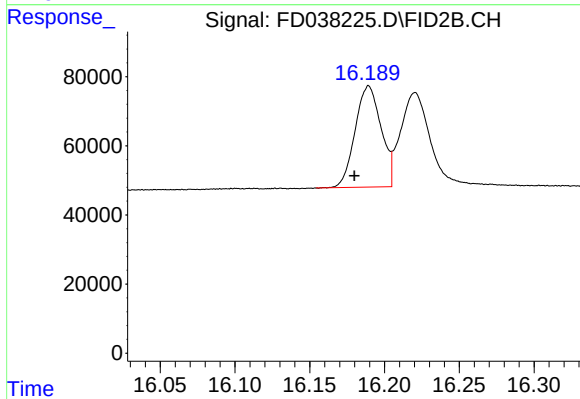
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.005 min
Response: 322898
Conc: 2.53 ug/ml



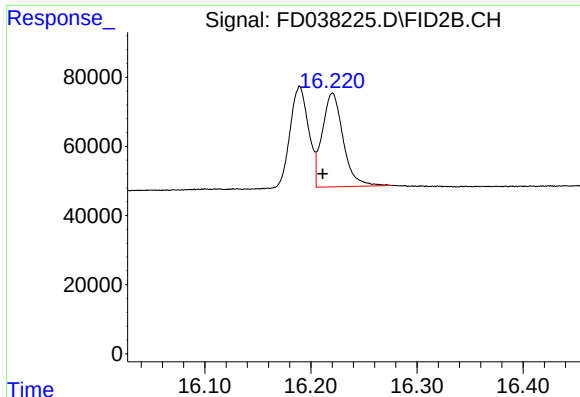
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: 0.005 min
Response: 399359
Conc: 2.82 ug/ml



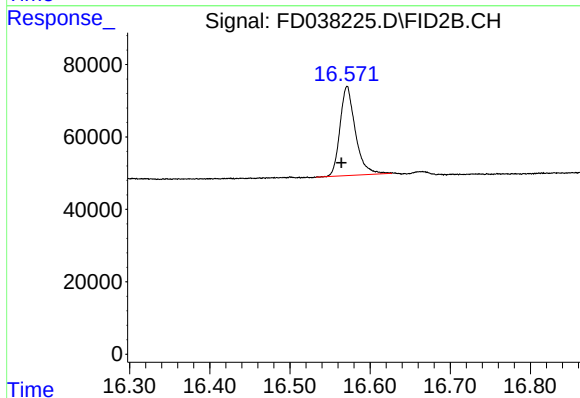
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: 0.009 min
Response: 354189
Conc: 2.84 ug/ml



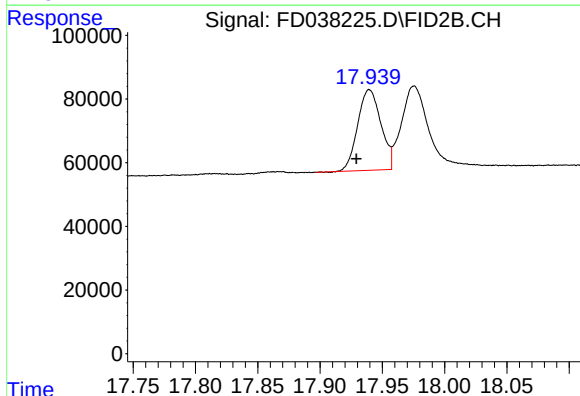
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: 0.009 min
Response: 372603
Conc: 2.84 ug/ml



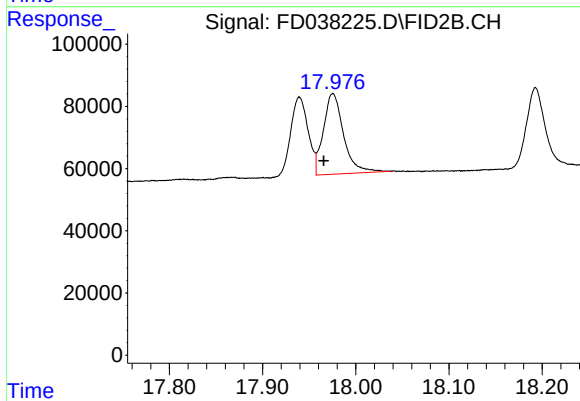
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.571 min
Delta R.T.: 0.007 min
Response: 327477
Conc: 2.79 ug/ml



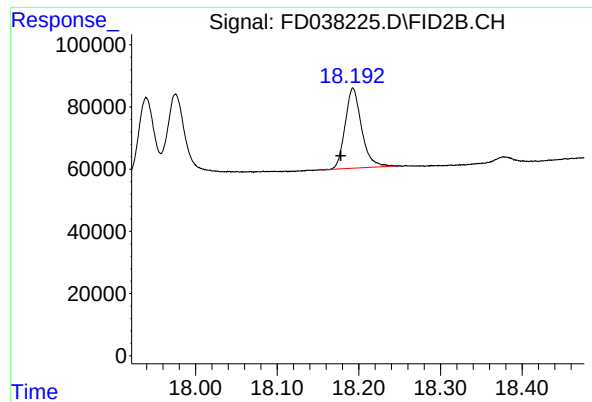
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: 0.010 min
Response: 327976
Conc: 3.17 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.010 min
Response: 390361
Conc: 3.31 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.015 min
Response: 360473
Conc: 3.30 ug/ml