

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AR\
 Data File : FD039775.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 5:39
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 07:06:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 04:09:28 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...	7.577	2886298	20.249 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
6) S 2-Fluorobiphenyl (SURR)	8.438	1949721	20.458 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.475	3290356	20.365 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.378	3133521	20.417 ug/ml
2) T Naphthalene (C11.7)	5.915	3228665	20.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	3309171	20.528 ug/ml
5) T Acenaphthylene (C15.06)	8.240	3147283	20.248 ug/ml
7) T Acenaphthene (C15.5)	8.534	3364382	20.350 ug/ml
8) T Flouorene (C16.55)	9.316	3230276	20.595 ug/ml
9) T Phenanthrene (C19.36)	10.711	3237601	20.437 ug/ml
10) T Anthracene (C19.43)	10.786	3008223	20.524 ug/ml
12) T Fluoranthene (C21.85)	12.521	3223854	20.408 ug/ml
13) T Pyrene (C20.8)	12.817	3134006	20.497 ug/ml
14) T Benzo[a]anthracene (C...	14.688	2624165	20.633 ug/ml
15) T Chrysene (C27.41)	14.729	2857209	20.637 ug/ml
16) T benzo[b]fluoranthene ...	16.236	2498949	20.281 ug/ml
17) T Bnezo[k]fluoranthene ...	16.267	2542335	19.947 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	2324658	20.569 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2052058	19.620 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	2068266	19.946 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2182978	19.952 ug/ml

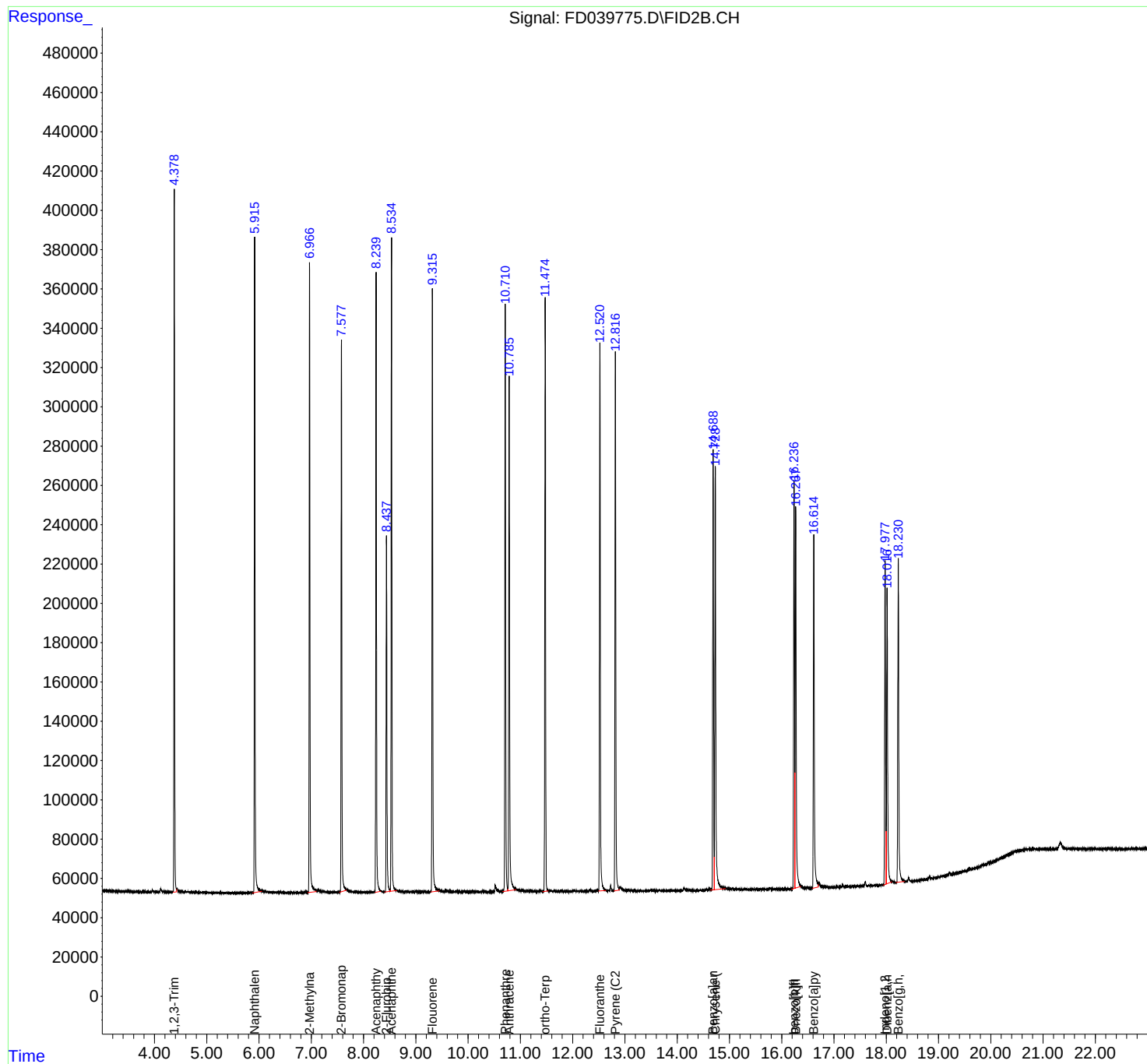
(f)=RT Delta > 1/2 Window

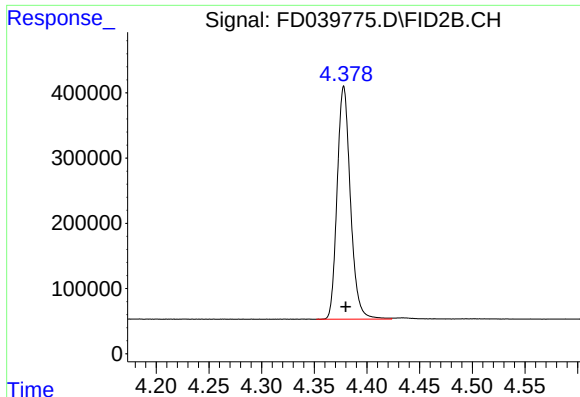
(m)=manual int.

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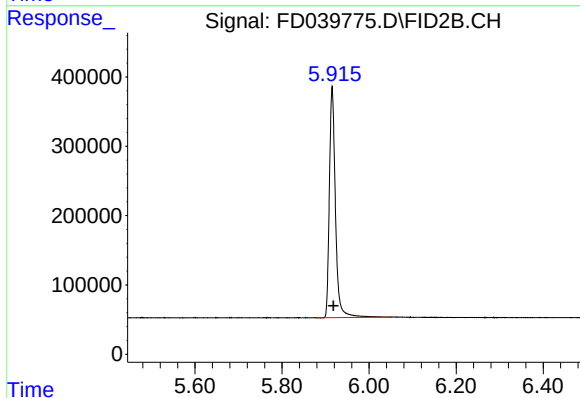
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





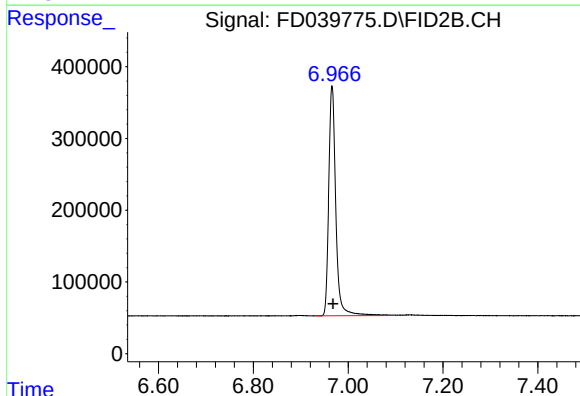
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.378 min
Delta R.T.: -0.002 min
Response: 3133521
Conc: 20.42 ug/ml



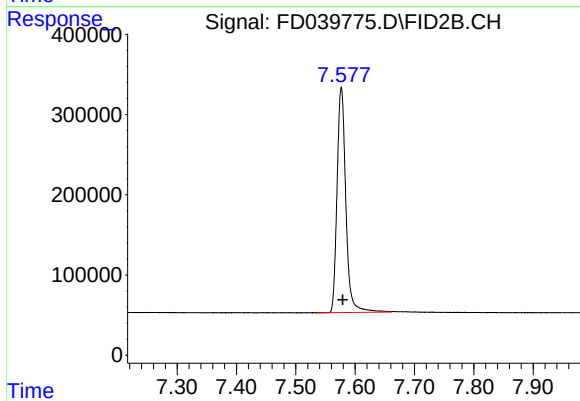
#2 Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 3228665
Conc: 20.64 ug/ml



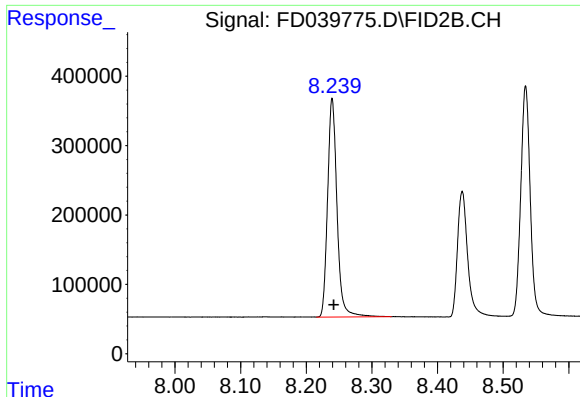
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 3309171
Conc: 20.53 ug/ml



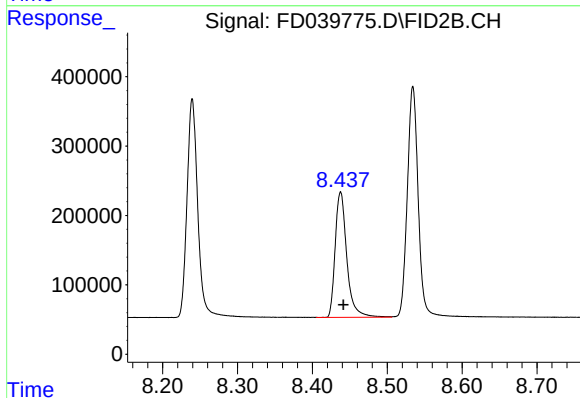
#4 2-Bromonaphthalene (SURR)

R.T.: 7.577 min
Delta R.T.: -0.002 min
Response: 2886298
Conc: 20.25 ug/ml



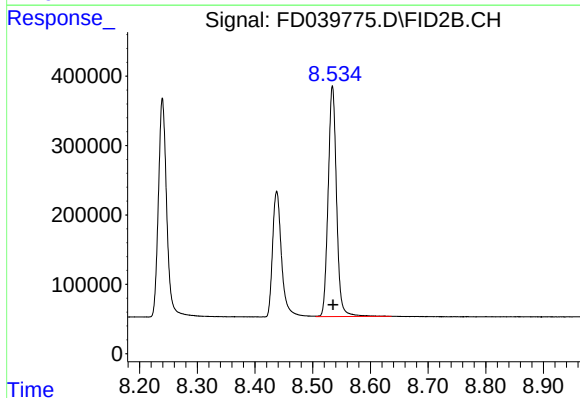
#5 Acenaphthylene (C15.06)

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 3147283
Conc: 20.25 ug/ml



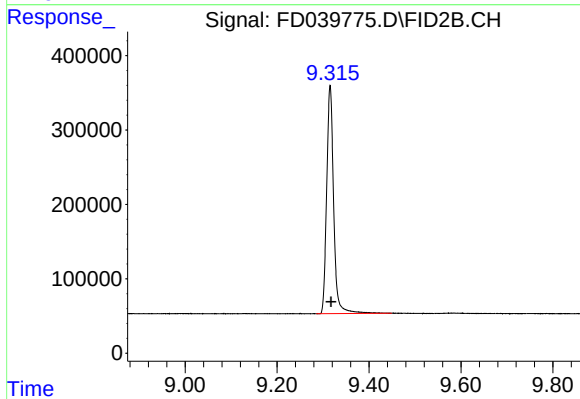
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.438 min
Delta R.T.: -0.004 min
Response: 1949721
Conc: 20.46 ug/ml



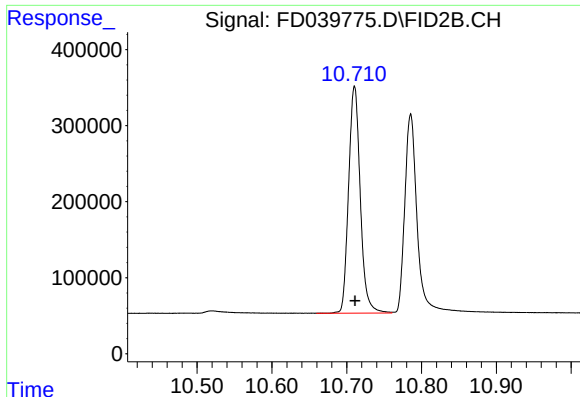
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.001 min
Response: 3364382
Conc: 20.35 ug/ml



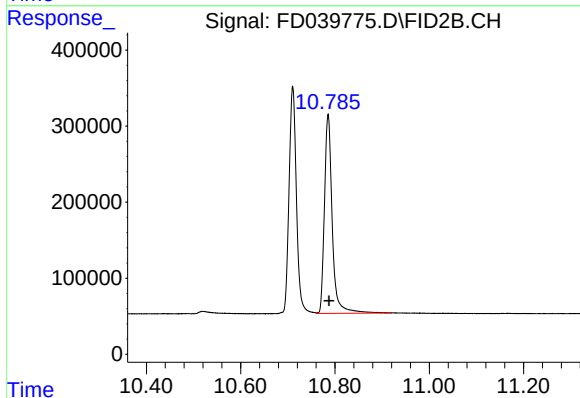
#8 Flouorene (C16.55)

R.T.: 9.316 min
Delta R.T.: -0.002 min
Response: 3230276
Conc: 20.60 ug/ml



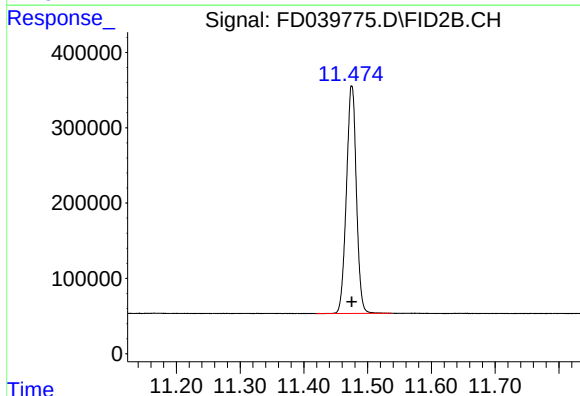
#9 Phenanthrene (C19.36)

R.T.: 10.711 min
Delta R.T.: 0.000 min
Response: 3237601
Conc: 20.44 ug/ml



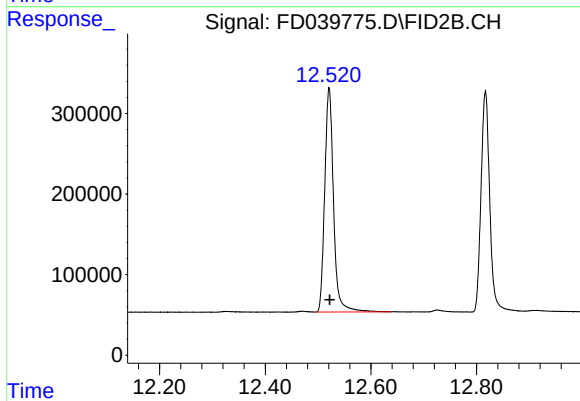
#10 Anthracene (C19.43)

R.T.: 10.786 min
Delta R.T.: -0.002 min
Response: 3008223
Conc: 20.52 ug/ml



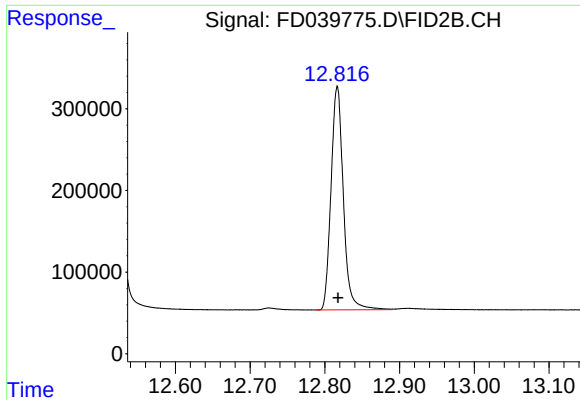
#11 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: 0.000 min
Response: 3290356
Conc: 20.36 ug/ml



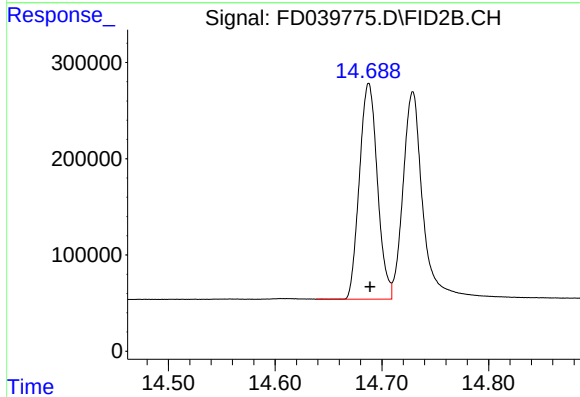
#12 Fluoranthene (C21.85)

R.T.: 12.521 min
Delta R.T.: -0.001 min
Response: 3223854
Conc: 20.41 ug/ml



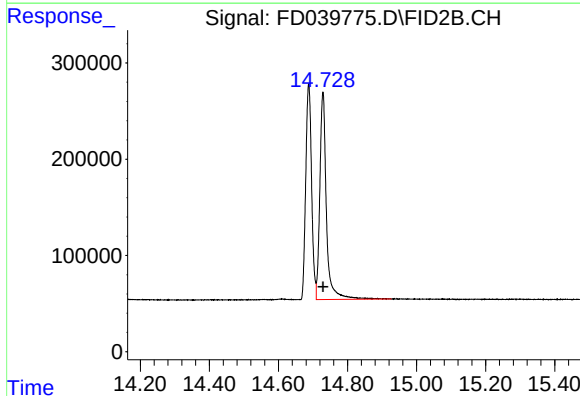
#13 Pyrene (C20.8)

R.T.: 12.817 min
Delta R.T.: -0.001 min
Response: 3134006
Conc: 20.50 ug/ml



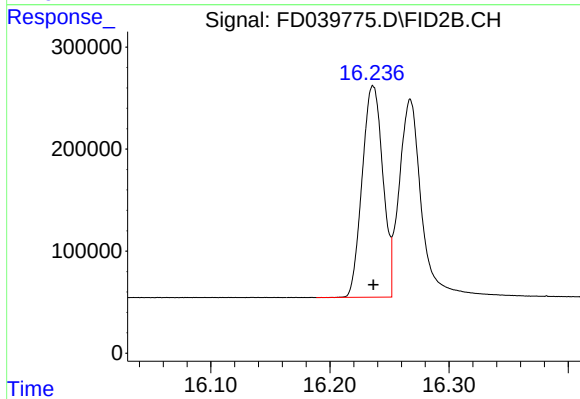
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: -0.001 min
Response: 2624165
Conc: 20.63 ug/ml



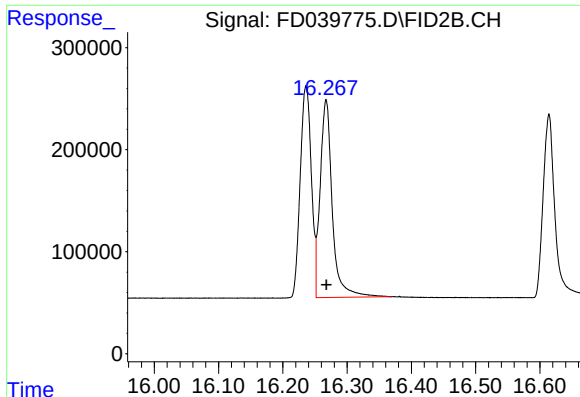
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.000 min
Response: 2857209
Conc: 20.64 ug/ml



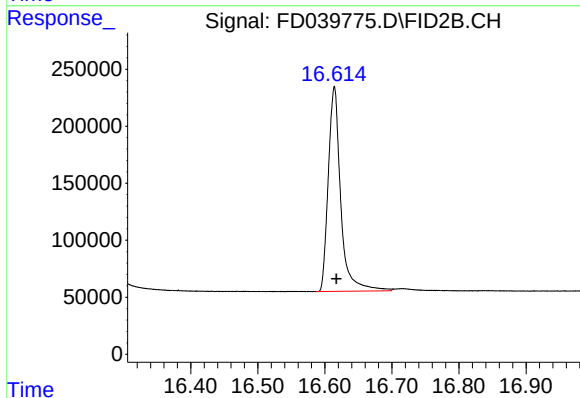
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.236 min
Delta R.T.: 0.000 min
Response: 2498949
Conc: 20.28 ug/ml



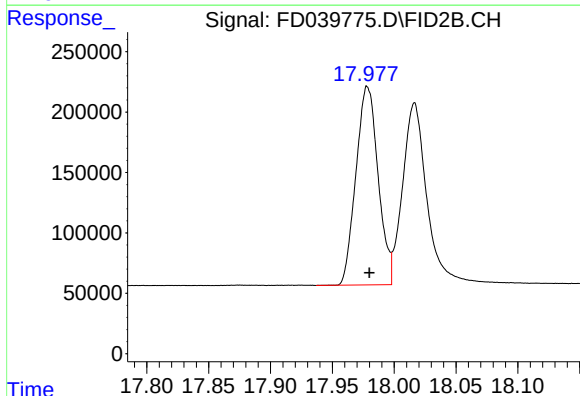
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.267 min
Delta R.T.: 0.000 min
Response: 2542335
Conc: 19.95 ug/ml



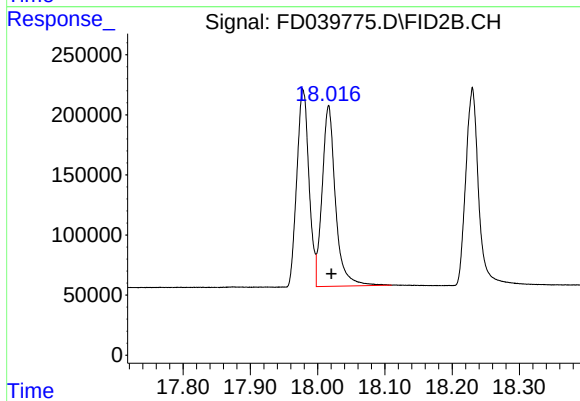
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min
Delta R.T.: -0.003 min
Response: 2324658
Conc: 20.57 ug/ml



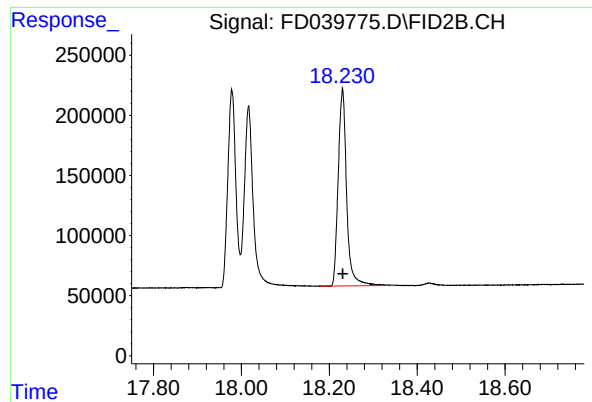
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.002 min
Response: 2052058
Conc: 19.62 ug/ml



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

R.T.: 18.017 min
Delta R.T.: -0.004 min
Response: 2068266
Conc: 19.95 ug/ml



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

R.T.: 18.230 min
Delta R.T.: 0.000 min
Response: 2182978
Conc: 19.95 ug/ml