

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070220AR\
 Data File : FD033866.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jul 2020 10:01
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 01:34:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 2020
 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...	7.560	2249430	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.424	1514406	20.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.452	2642733	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	2635095	20.916 ug/ml
2) T Naphthalene (C11.7)	5.902	2590481	20.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	2602573	20.400 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2555258	19.834 ug/ml
7) T Acenaphthene (C15.5)	8.518	2679571	20.025 ug/ml
8) T Fluorene (C16.55)	9.298	2502980	19.916 ug/ml
9) T Phenanthrene (C19.36)	10.693	2482186	19.333 ug/ml
10) T Anthracene (C19.43)	10.769	2338411	18.501 ug/ml
12) T Fluoranthene (C21.85)	12.505	2450222	18.607 ug/ml
13) T Pyrene (C20.8)	12.801	2365749	18.421 ug/ml
14) T Benzo[a]anthracene (C...	14.675	2234002	18.812 ug/ml
15) T Chrysene (C27.41)	14.717	2387298	18.029 ug/ml
16) T benzo[b]fluoranthene ...	16.231	2263989	19.127 ug/ml
17) T Bnezo[k]fluoranthene ...	16.261	2345618	18.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	2226223	18.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2190939	21.029 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	2361495	19.264 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2304061	20.454 ug/ml

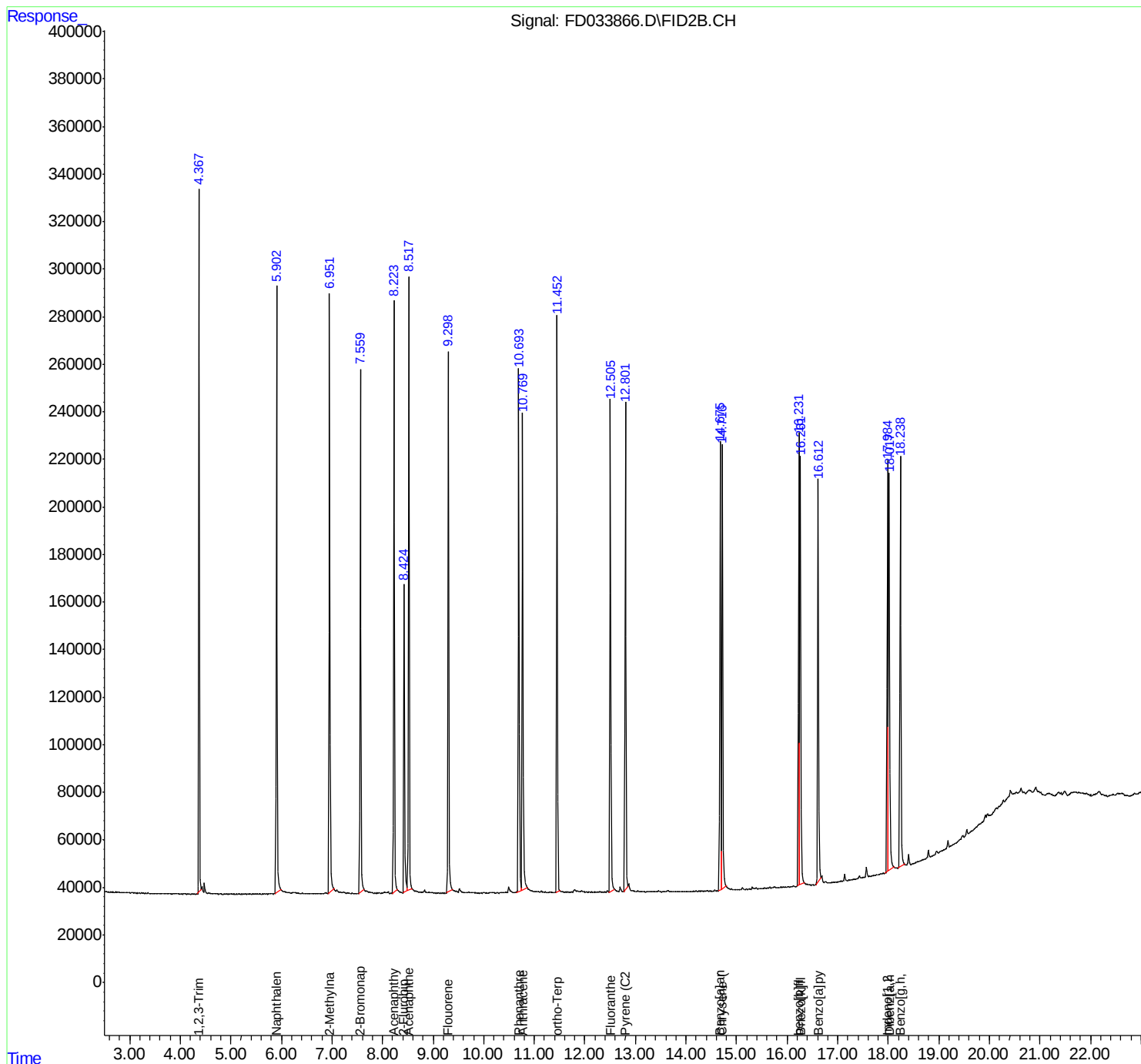
(f)=RT Delta > 1/2 Window

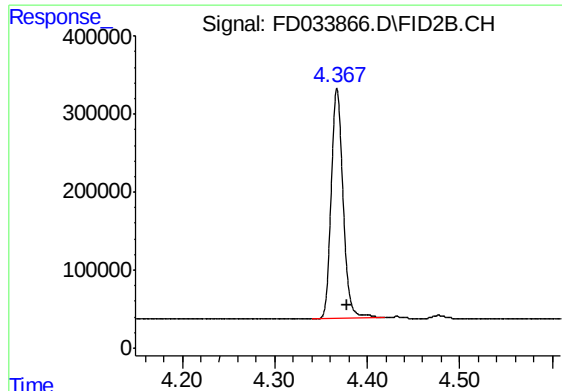
(m)=manual int.

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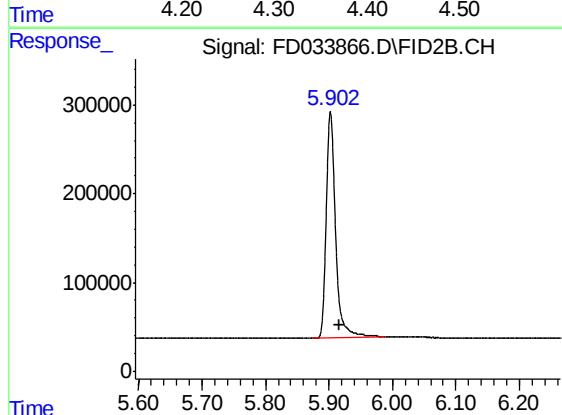
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Signal Info : 20M x 0.18mm x 0.18µm





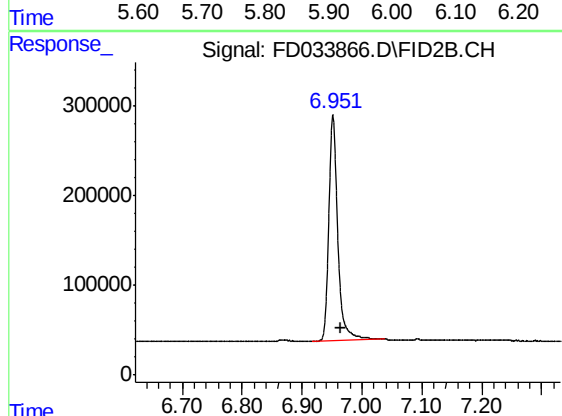
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: -0.012 min
Response: 2635095
Conc: 20.92 ug/ml



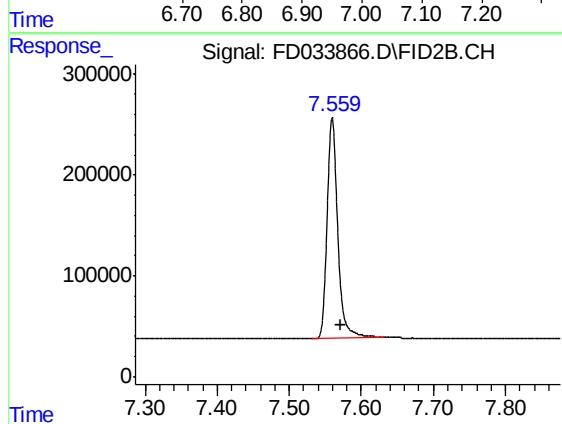
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.014 min
Response: 2590481
Conc: 20.61 ug/ml



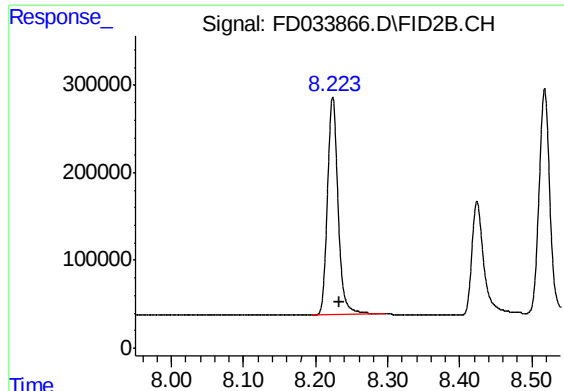
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.014 min
Response: 2602573
Conc: 20.40 ug/ml



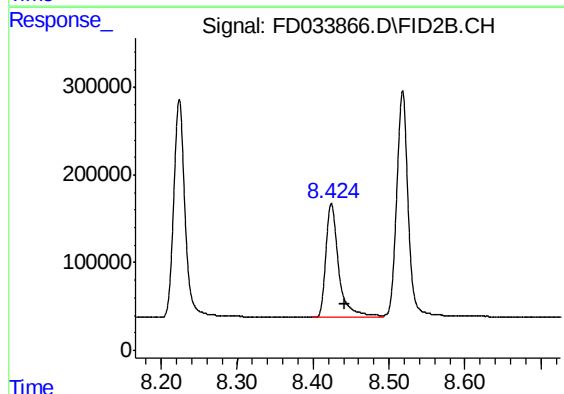
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: -0.013 min
Response: 2249430
Conc: 20.35 ug/ml



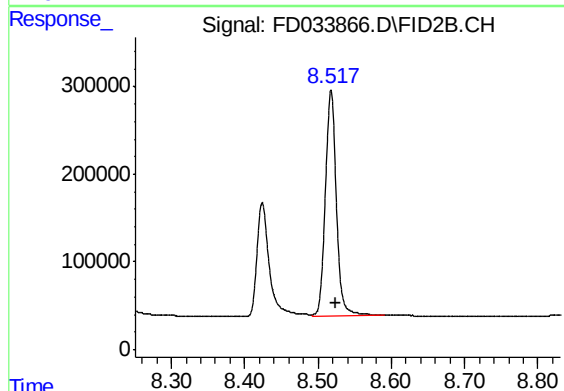
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.010 min
Response: 2555258
Conc: 19.83 ug/ml



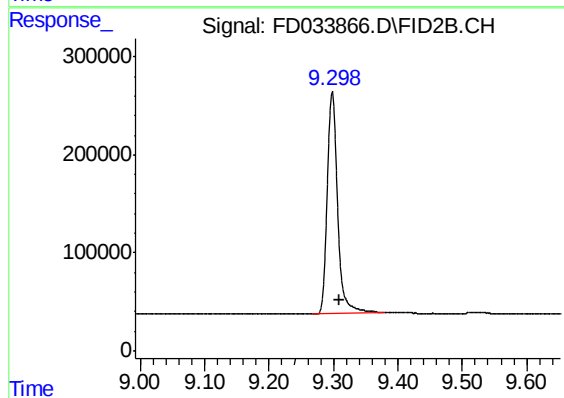
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.424 min
Delta R.T.: -0.018 min
Response: 1514406
Conc: 20.40 ug/ml



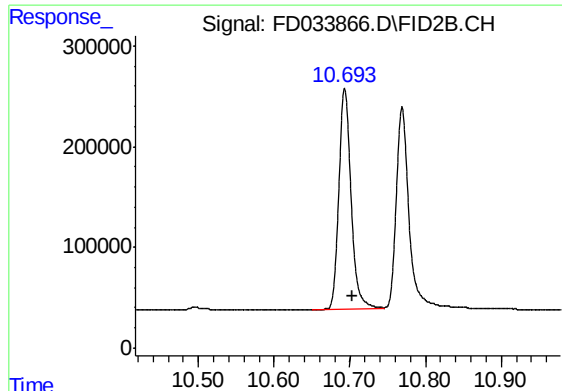
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: -0.007 min
Response: 2679571
Conc: 20.03 ug/ml



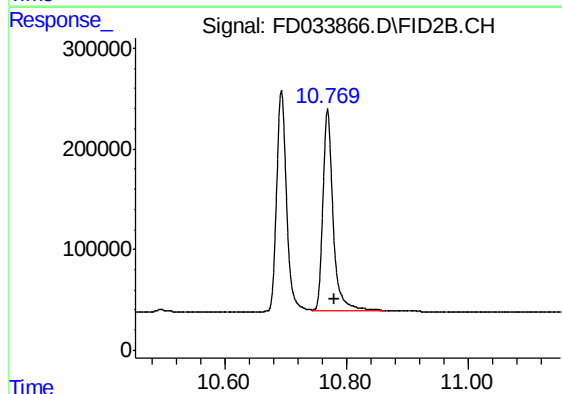
#8 Flouorene (C16.55)

R.T.: 9.298 min
Delta R.T.: -0.011 min
Response: 2502980
Conc: 19.92 ug/ml



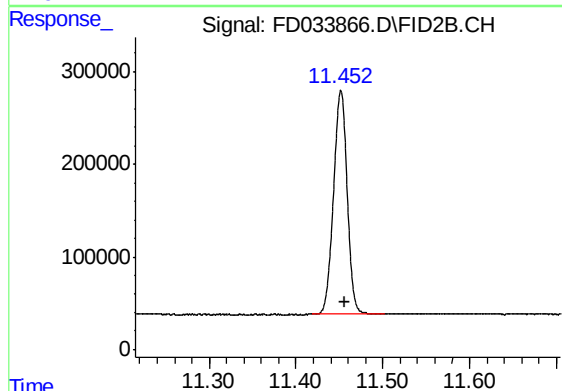
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.010 min
Response: 2482186
Conc: 19.33 ug/ml



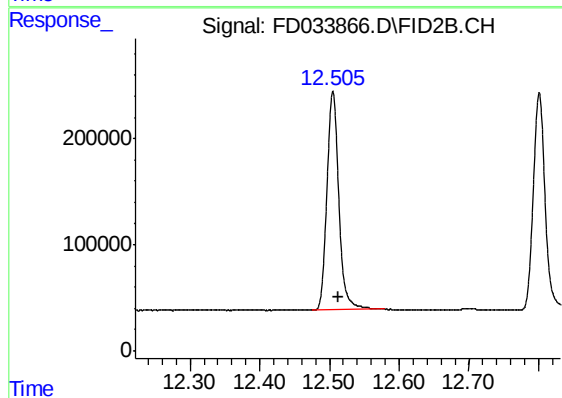
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: -0.012 min
Response: 2338411
Conc: 18.50 ug/ml



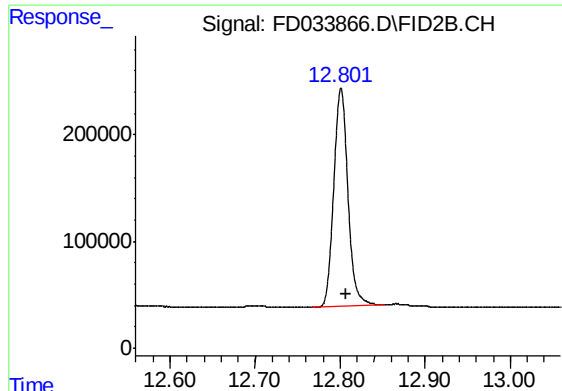
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.004 min
Response: 2642733
Conc: 19.03 ug/ml



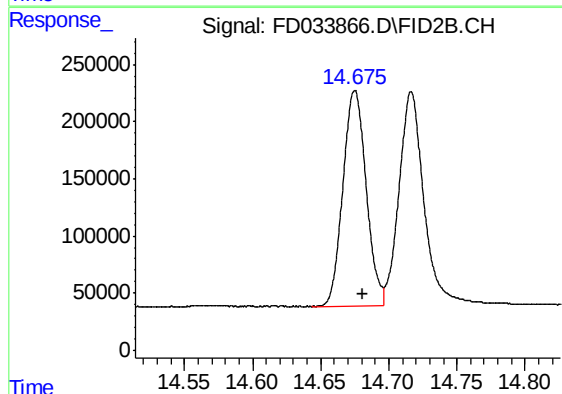
#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: -0.007 min
Response: 2450222
Conc: 18.61 ug/ml



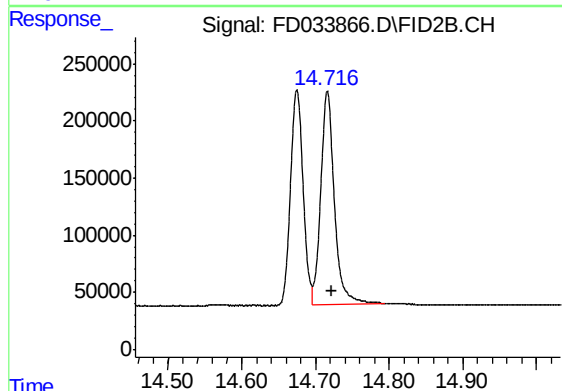
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: -0.006 min
Response: 2365749
Conc: 18.42 ug/ml



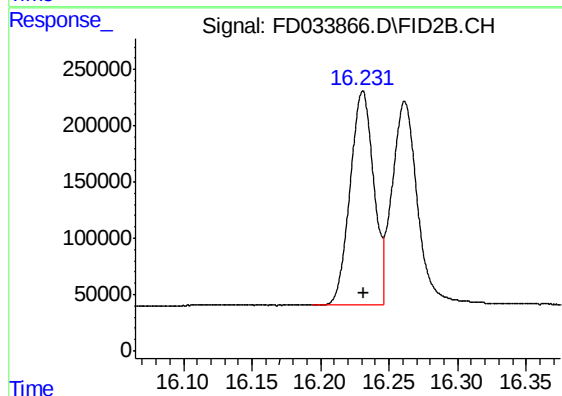
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: -0.006 min
Response: 2234002
Conc: 18.81 ug/ml



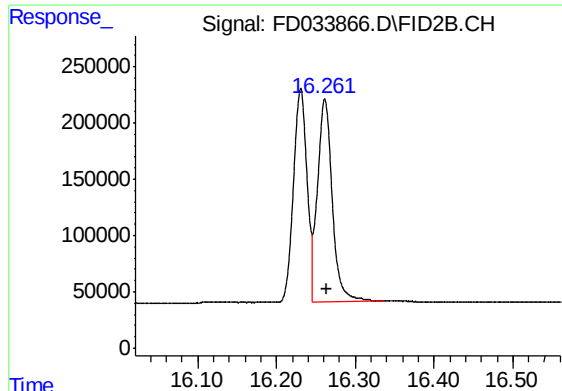
#15 Chrysene (C27.41)

R.T.: 14.717 min
Delta R.T.: -0.006 min
Response: 2387298
Conc: 18.03 ug/ml



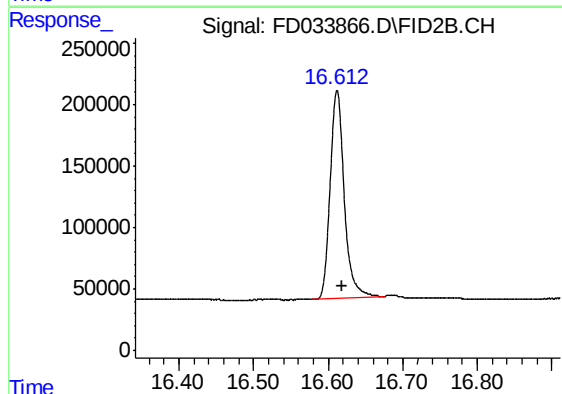
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.231 min
Delta R.T.: -0.001 min
Response: 2263989
Conc: 19.13 ug/ml



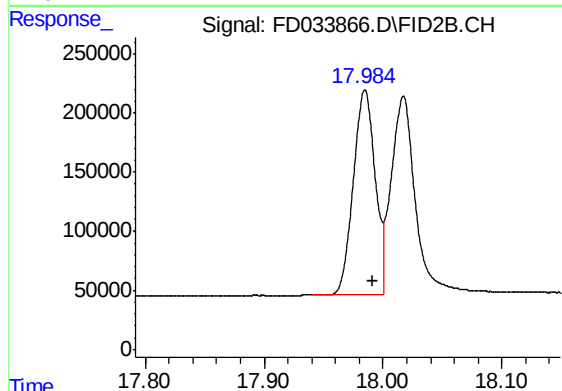
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.261 min
Delta R.T.: -0.002 min
Response: 2345618
Conc: 18.36 ug/ml



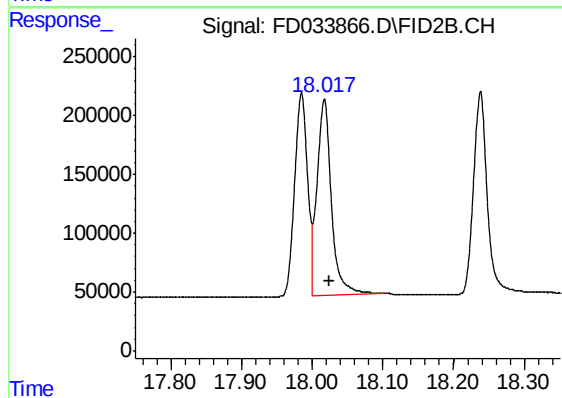
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: -0.008 min
Response: 2226223
Conc: 18.56 ug/ml



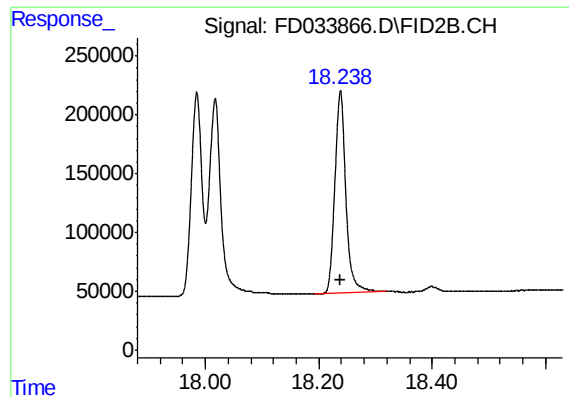
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: -0.006 min
Response: 2190939
Conc: 21.03 ug/ml



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

R.T.: 18.017 min
Delta R.T.: -0.007 min
Response: 2361495
Conc: 19.26 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.000 min
Response: 2304061
Conc: 20.45 ug/ml