

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081120AR\
 Data File : FD034427.D
 Signal(s) : FID2B.CH
 Acq On : 11 Aug 2020 9:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 12:55:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.700	2204043	18.852 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
6) S 2-Fluorobiphenyl (SURR)	8.568	1548395	18.677 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.35%
11) S ortho-Terphenyl (SURR)	11.609	2499953	18.396 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2443364	19.170 ug/ml
2) T Naphthalene (C11.7)	6.038	2547530	19.042 ug/ml
3) T 2-Methylnaphthalene (...)	7.091	2546487	18.865 ug/ml
5) T Acenaphthylene (C15.06)	8.370	2457330	18.568 ug/ml
7) T Acenaphthene (C15.5)	8.665	2515930	18.708 ug/ml
8) T Fluorene (C16.55)	9.447	2464549	18.542 ug/ml
9) T Phenanthrene (C19.36)	10.847	2463217	18.377 ug/ml
10) T Anthracene (C19.43)	10.921	2343918	17.660 ug/ml
12) T Fluoranthene (C21.85)	12.661	2473630	18.200 ug/ml
13) T Pyrene (C20.8)	12.958	2413298	18.123 ug/ml
14) T Benzo[a]anthracene (C...	14.830	2391504	18.221 ug/ml
15) T Chrysene (C27.41)	14.873	2406630	18.356 ug/ml
16) T benzo[b]fluoranthene ...	16.381	2422082	18.932 ug/ml
17) T Bnezo[k]fluoranthene ...	16.413	2352879	18.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	2397428	19.148 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.124	2388973	19.854 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	2405663	20.378 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	2380973	20.094 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

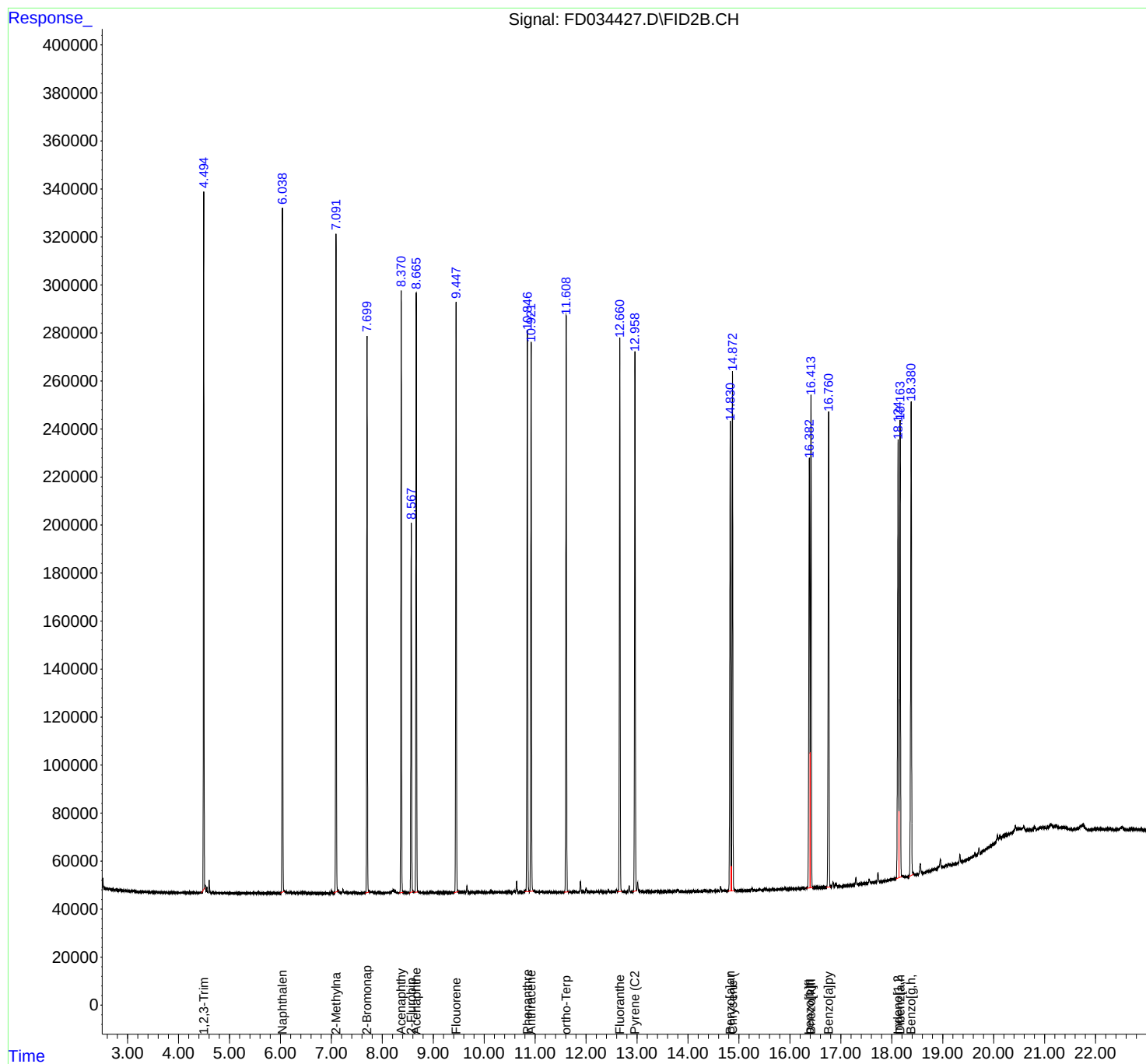
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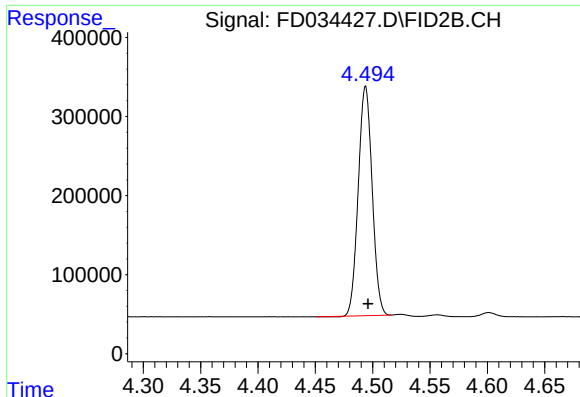
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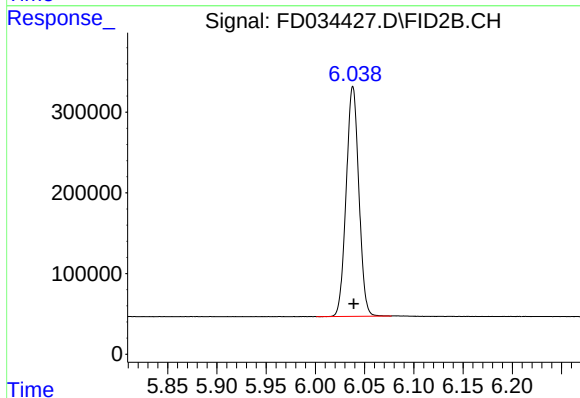
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





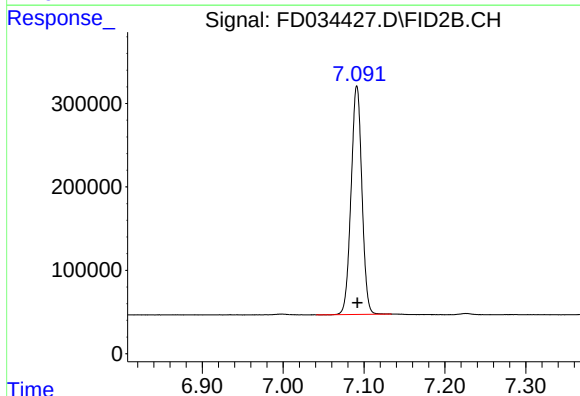
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 2443364
Conc: 19.17 ug/ml



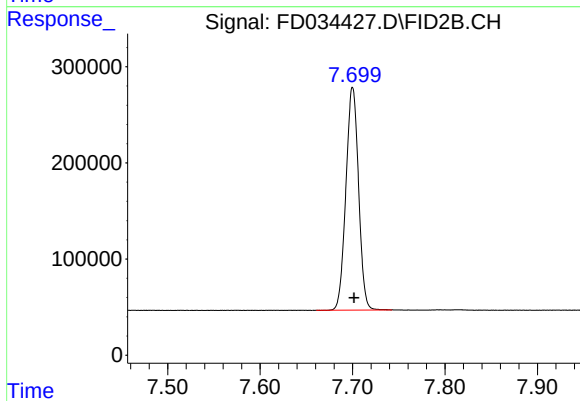
#2 Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 2547530
Conc: 19.04 ug/ml



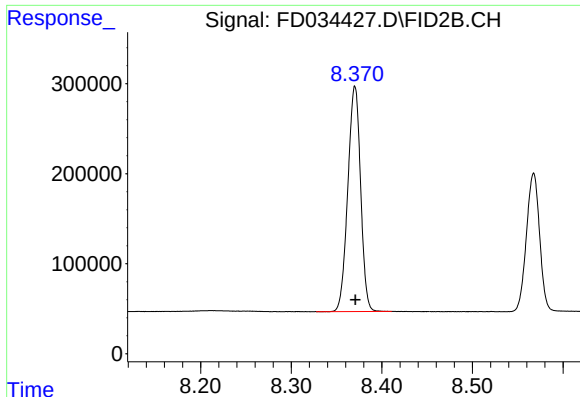
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 2546487
Conc: 18.87 ug/ml



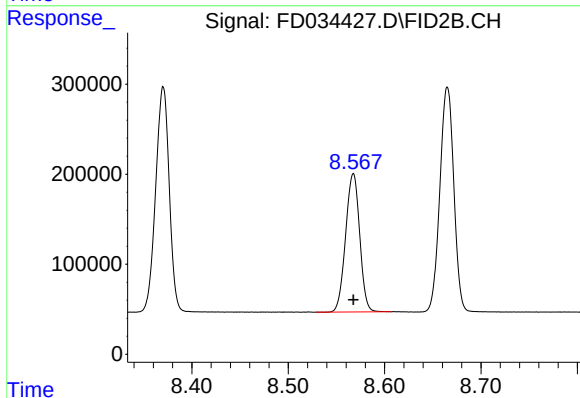
#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min
Delta R.T.: -0.001 min
Response: 2204043
Conc: 18.85 ug/ml



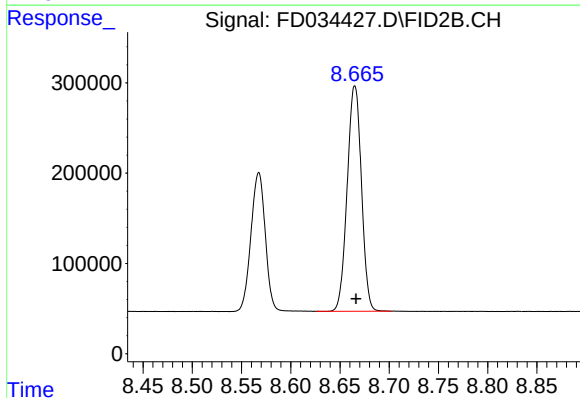
#5 Acenaphthylene (C15.06)

R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 2457330
Conc: 18.57 ug/ml



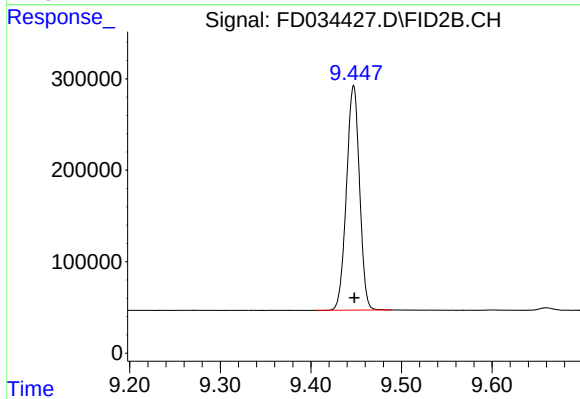
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 1548395
Conc: 18.68 ug/ml



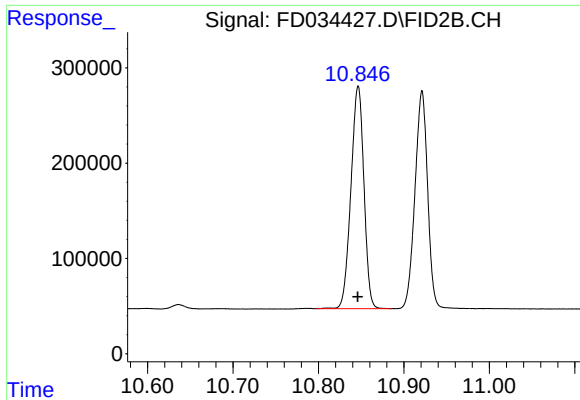
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: -0.001 min
Response: 2515930
Conc: 18.71 ug/ml



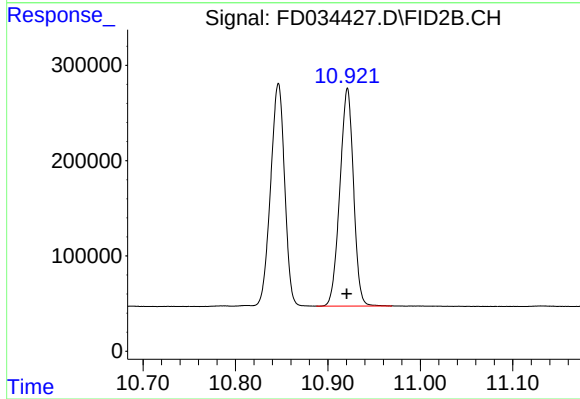
#8 Flouorene (C16.55)

R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 2464549
Conc: 18.54 ug/ml



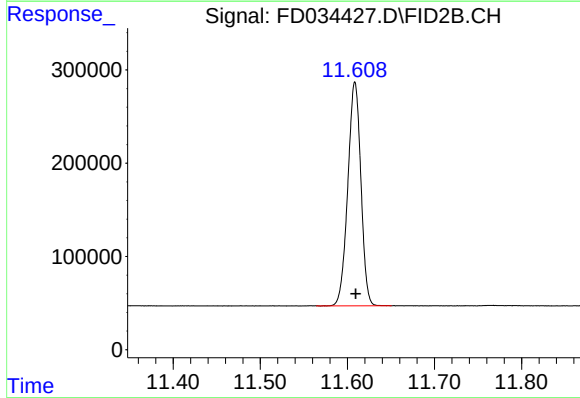
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: 0.000 min
Response: 2463217
Conc: 18.38 ug/ml



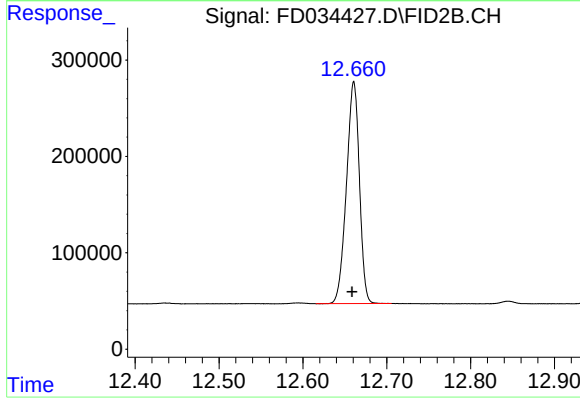
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: 0.000 min
Response: 2343918
Conc: 17.66 ug/ml



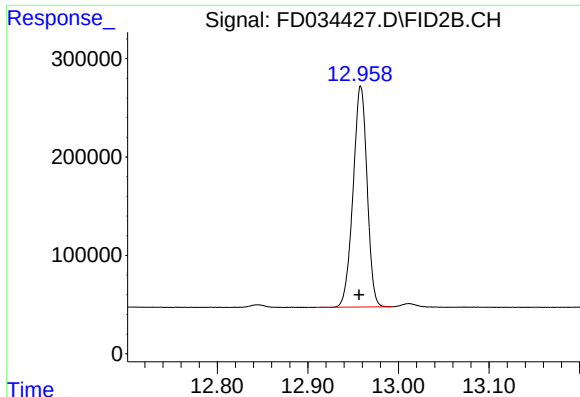
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 2499953
Conc: 18.40 ug/ml



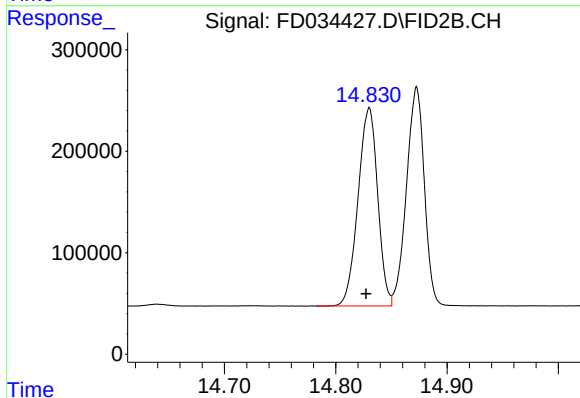
#12 Fluoranthene (C21.85)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 2473630
Conc: 18.20 ug/ml



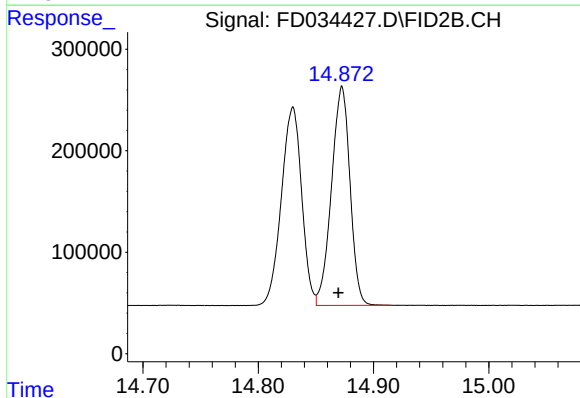
#13 Pyrene (C20.8)

R.T.: 12.958 min
Delta R.T.: 0.002 min
Response: 2413298
Conc: 18.12 ug/ml



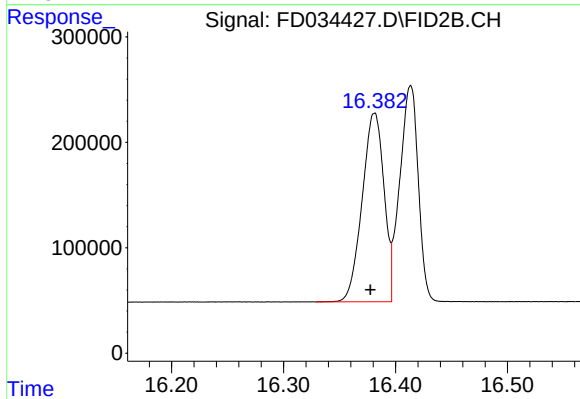
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min
Delta R.T.: 0.003 min
Response: 2391504
Conc: 18.22 ug/ml



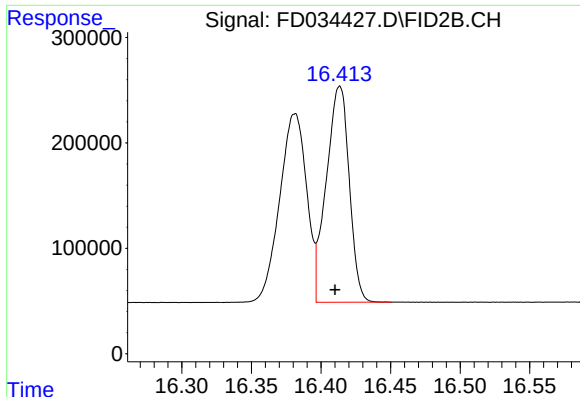
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.003 min
Response: 2406630
Conc: 18.36 ug/ml



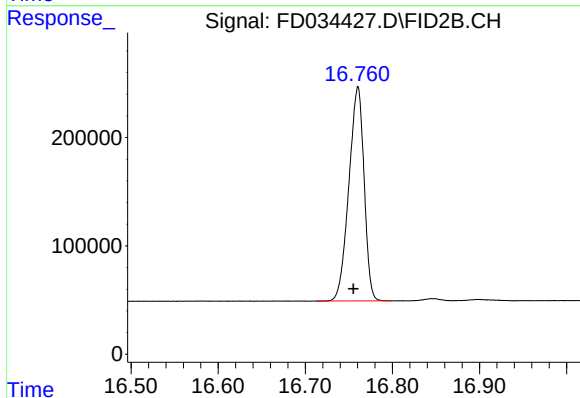
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.381 min
Delta R.T.: 0.003 min
Response: 2422082
Conc: 18.93 ug/ml



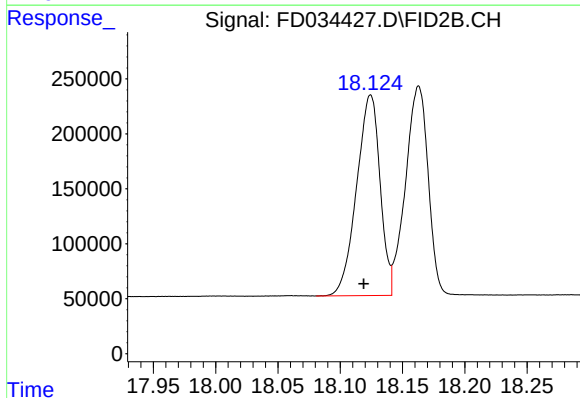
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.413 min
Delta R.T.: 0.003 min
Response: 2352879
Conc: 19.00 ug/ml



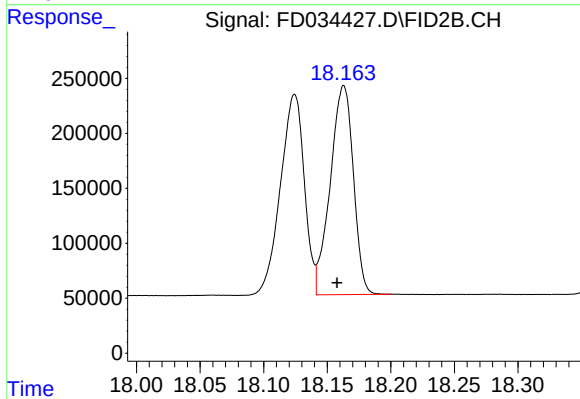
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.760 min
Delta R.T.: 0.005 min
Response: 2397428
Conc: 19.15 ug/ml



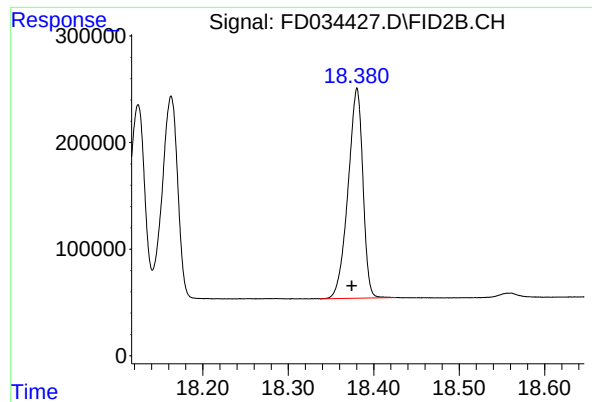
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.124 min
Delta R.T.: 0.006 min
Response: 2388973
Conc: 19.85 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.005 min
Response: 2405663
Conc: 20.38 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.006 min
Response: 2380973
Conc: 20.09 ug/ml