

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012420AR\
 Data File : FD032162.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2020 8:04
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 23:59:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.635	2218750	19.738 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
6) S 2-Fluorobiphenyl (SURR)	8.497	1507233	19.338 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.68%
11) S ortho-Terphenyl (SURR)	11.534	2344207	18.887 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2358415	20.823 ug/ml
2) T Naphthalene (C11.7)	5.976	2477668	20.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2440822	19.929 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2272630	18.987 ug/ml
7) T Acenaphthene (C15.5)	8.595	2399316	19.402 ug/ml
8) T Flouorene (C16.55)	9.375	2375644	19.021 ug/ml
9) T Phenanthrene (C19.36)	10.770	2372129	18.789 ug/ml
10) T Anthracene (C19.43)	10.844	2051739	16.388 ug/ml
12) T Fluoranthene (C21.85)	12.580	2358868	18.430 ug/ml
13) T Pyrene (C20.8)	12.877	2326909	18.488 ug/ml
14) T Benzo[a]anthracene (C...	14.746	2210638	18.103 ug/ml
15) T Chrysene (C27.41)	14.789	2253429	18.311 ug/ml
16) T benzo[b]fluoranthene ...	16.297	2259634	18.713 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	2271267	18.773 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.675	2215270	18.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	2208700	19.225 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	2286843	19.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	2202569	19.331 ug/ml

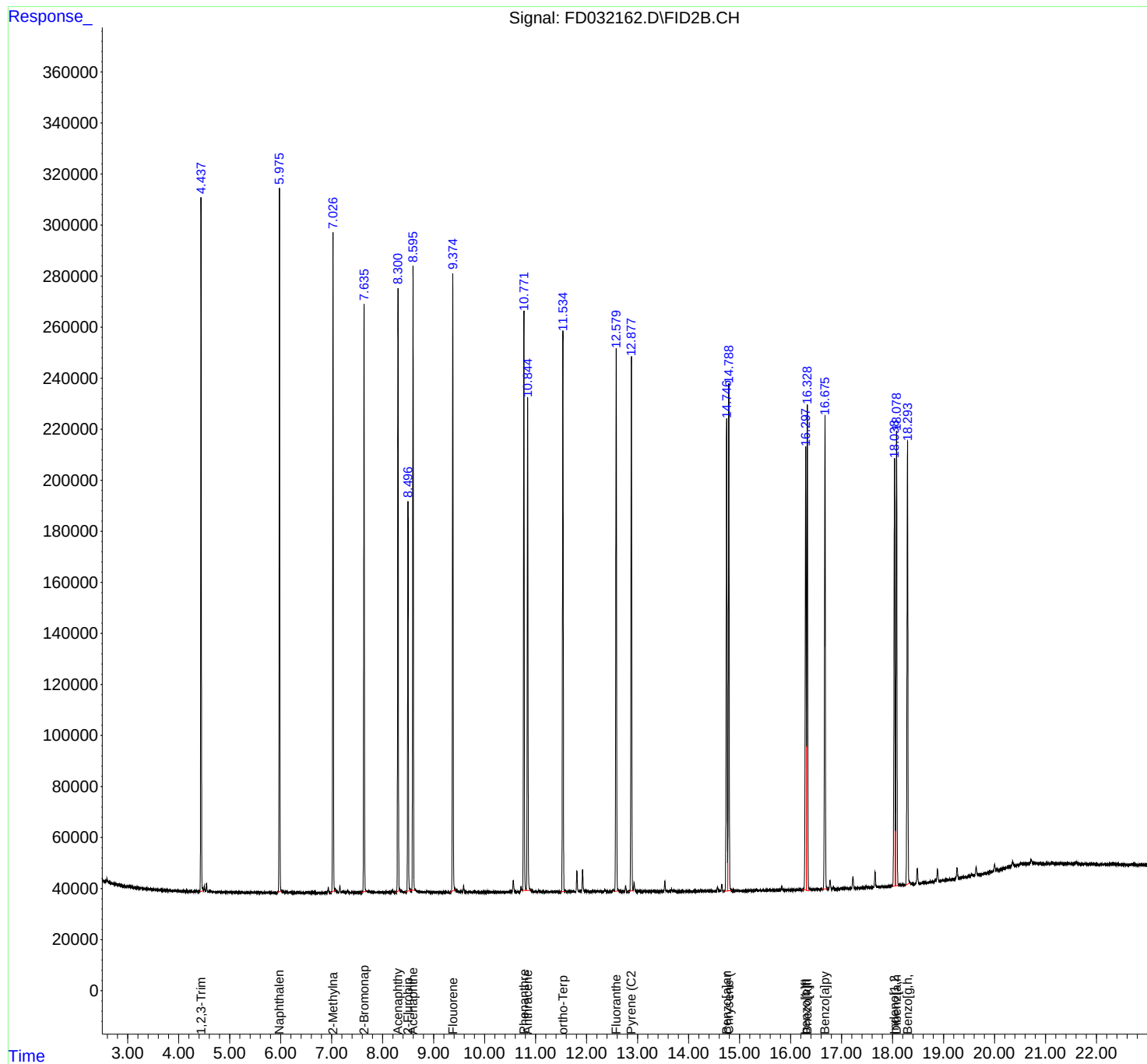
(f)=RT Delta > 1/2 Window

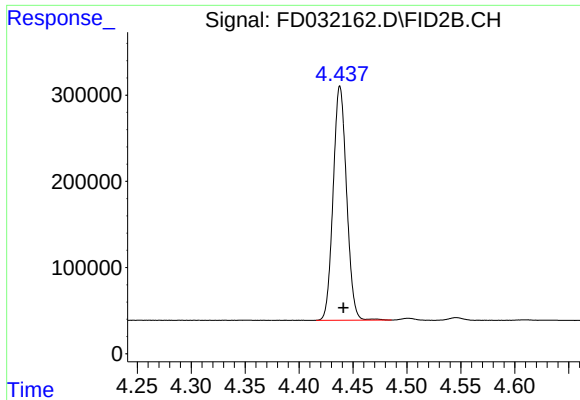
(m)=manual int.

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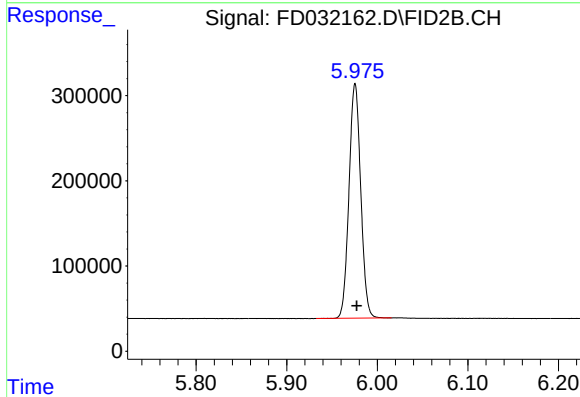
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Signal Info : 20M x 0.18mm x 0.18µm





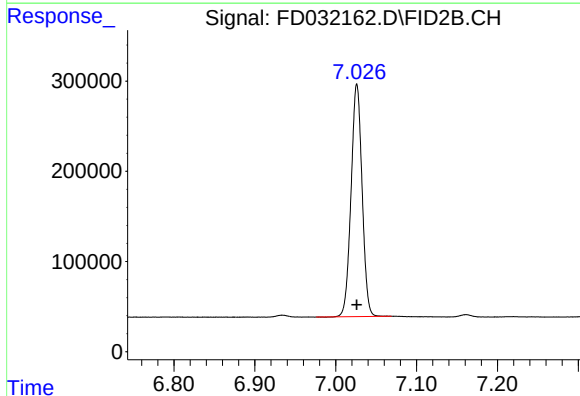
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 2358415
Conc: 20.82 ug/ml



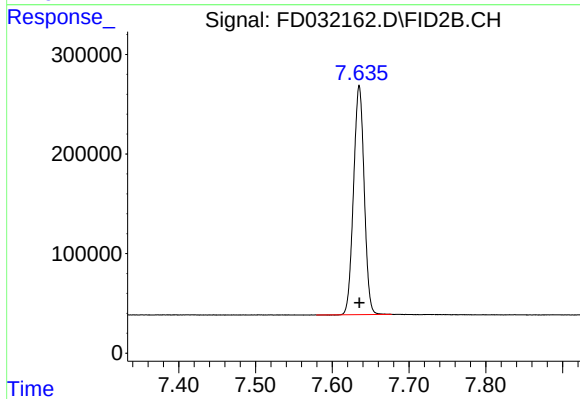
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 2477668
Conc: 20.37 ug/ml



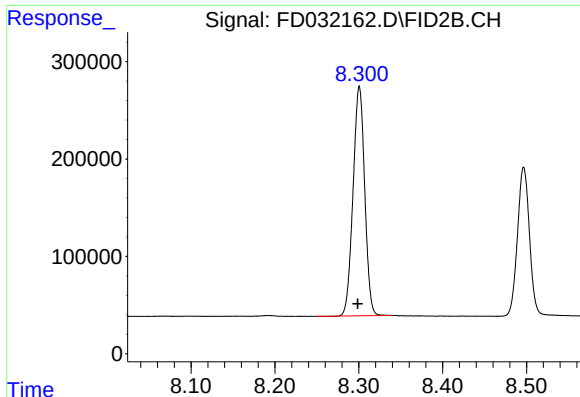
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2440822
Conc: 19.93 ug/ml



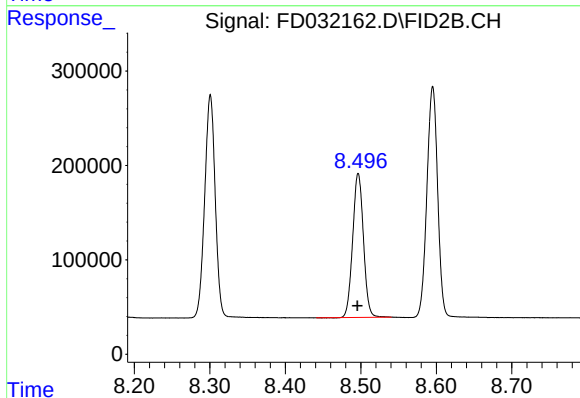
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 2218750
Conc: 19.74 ug/ml



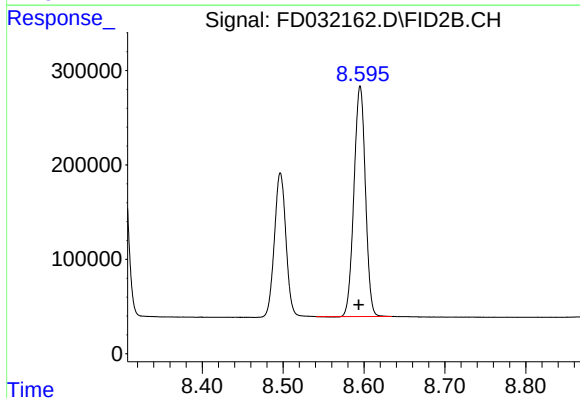
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: 0.002 min
Response: 2272630
Conc: 18.99 ug/ml



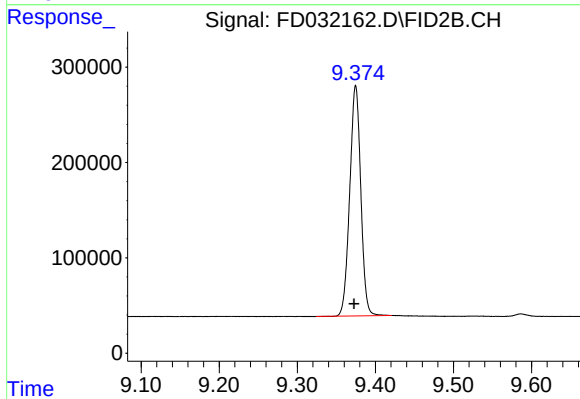
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 1507233
Conc: 19.34 ug/ml



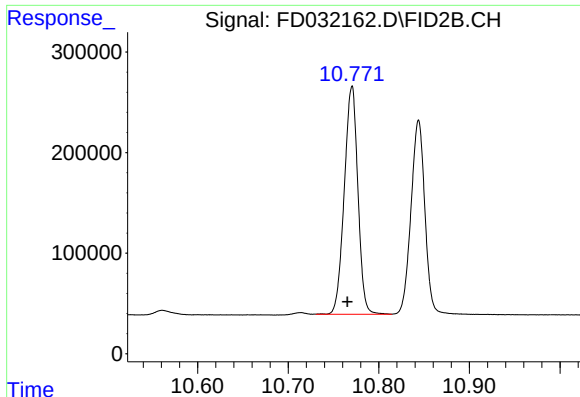
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: 0.002 min
Response: 2399316
Conc: 19.40 ug/ml



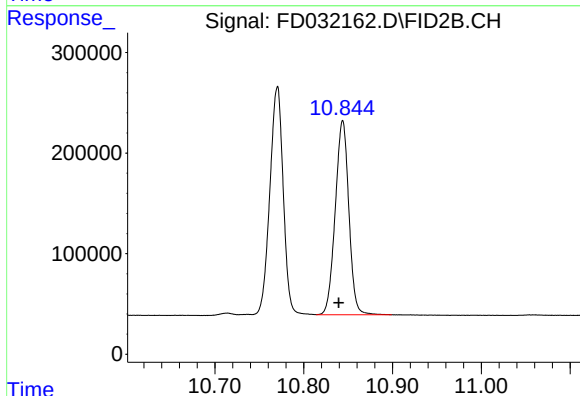
#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 2375644
Conc: 19.02 ug/ml



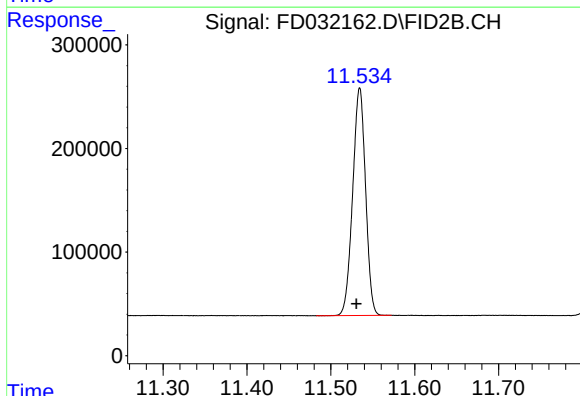
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: 0.005 min
Response: 2372129
Conc: 18.79 ug/ml



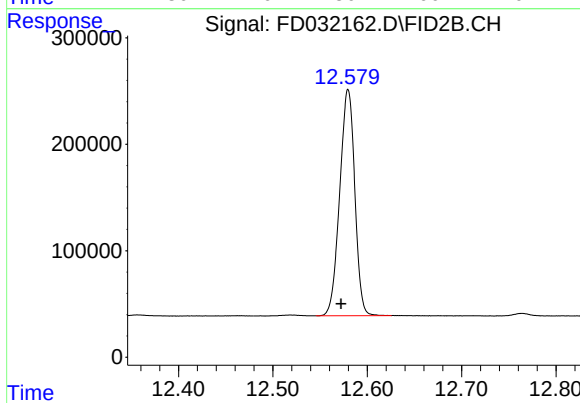
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: 0.005 min
Response: 2051739
Conc: 16.39 ug/ml



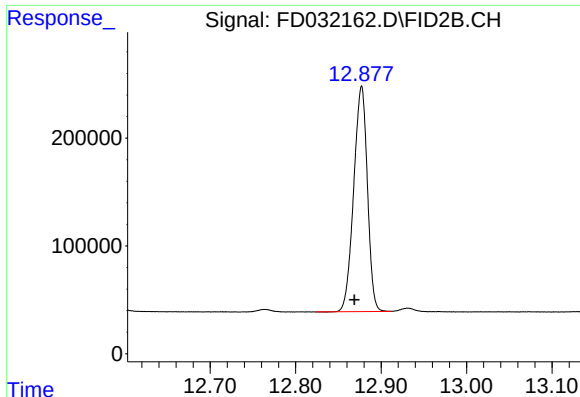
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: 0.004 min
Response: 2344207
Conc: 18.89 ug/ml



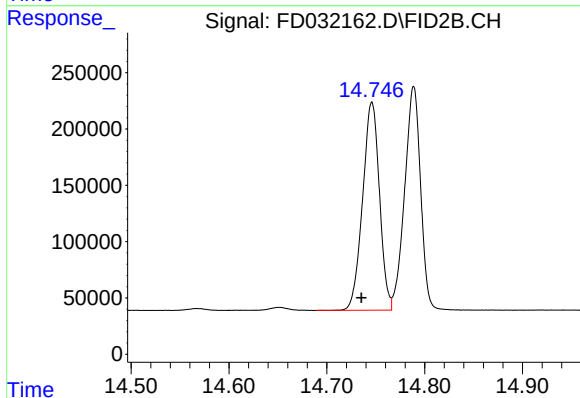
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: 0.007 min
Response: 2358868
Conc: 18.43 ug/ml



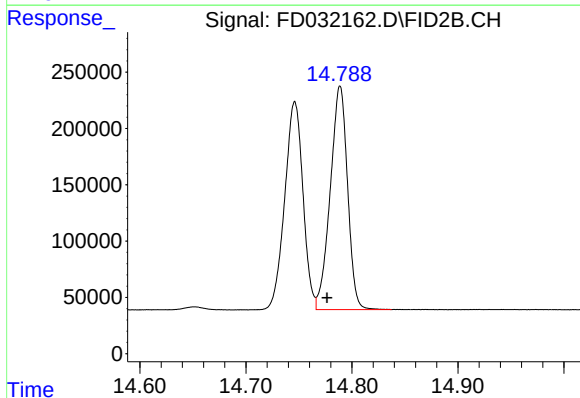
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: 0.009 min
Response: 2326909
Conc: 18.49 ug/ml



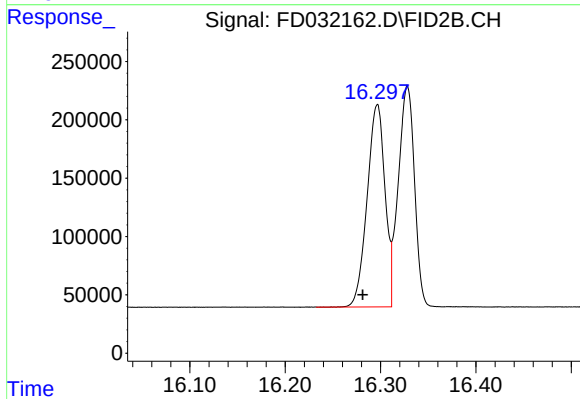
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: 0.011 min
Response: 2210638
Conc: 18.10 ug/ml



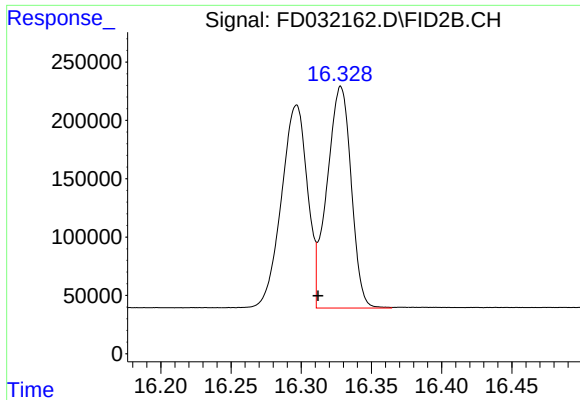
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.012 min
Response: 2253429
Conc: 18.31 ug/ml



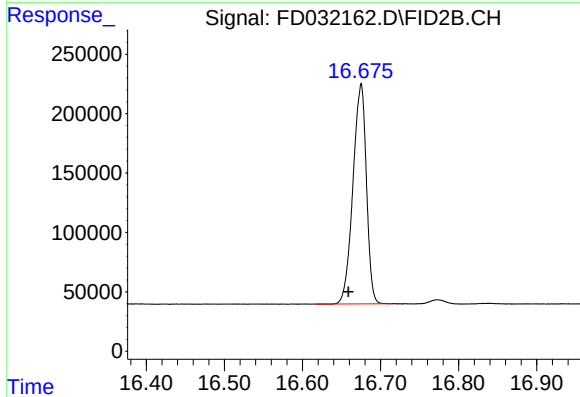
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.297 min
Delta R.T.: 0.015 min
Response: 2259634
Conc: 18.71 ug/ml



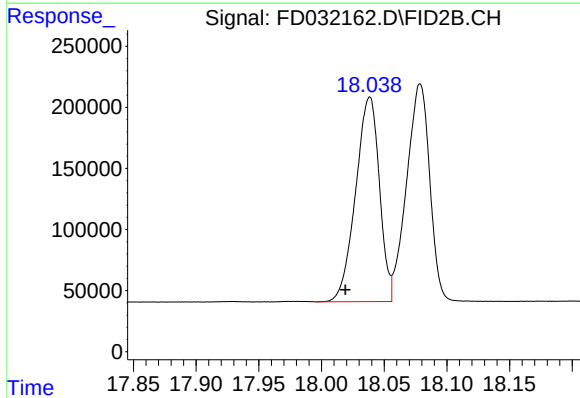
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.328 min
Delta R.T.: 0.016 min
Response: 2271267
Conc: 18.77 ug/ml m



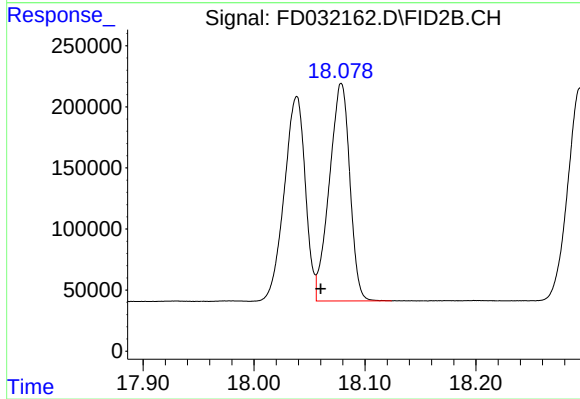
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: 0.017 min
Response: 2215270
Conc: 18.54 ug/ml



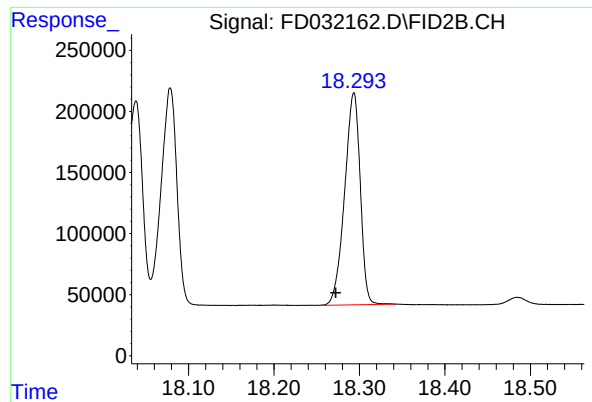
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.019 min
Response: 2208700
Conc: 19.22 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.019 min
Response: 2286843
Conc: 19.56 ug/ml



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

R.T.: 18.293 min
Delta R.T.: 0.021 min
Response: 2202569
Conc: 19.33 ug/ml