

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012420AR\
 Data File : FD032154.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2020 3:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 05:43:38 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	2156764	19.186 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
6) S 2-Fluorobiphenyl (SURR)	8.497	1460779	18.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.48%
11) S ortho-Terphenyl (SURR)	11.534	2276302	18.340 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2299452	20.303 ug/ml
2) T Naphthalene (C11.7)	5.976	2410937	19.821 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	2373544	19.380 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2210941	18.472 ug/ml
7) T Acenaphthene (C15.5)	8.596	2347969	18.987 ug/ml
8) T Fluorene (C16.55)	9.375	2316091	18.544 ug/ml
9) T Phenanthrene (C19.36)	10.770	2301325	18.229 ug/ml
10) T Anthracene (C19.43)	10.844	1993943	15.926 ug/ml
12) T Fluoranthene (C21.85)	12.580	2289075	17.885 ug/ml
13) T Pyrene (C20.8)	12.877	2255467	17.921 ug/ml
14) T Benzo[a]anthracene (C...	14.747	2150625	17.612 ug/ml
15) T Chrysene (C27.41)	14.789	2189993	17.796 ug/ml
16) T benzo[b]fluoranthene ...	16.297	2198090	18.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.329	2182166	18.037 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.675	2164728	18.120 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	2152305	18.734 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	2218507	18.972 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2141516	18.795 ug/ml

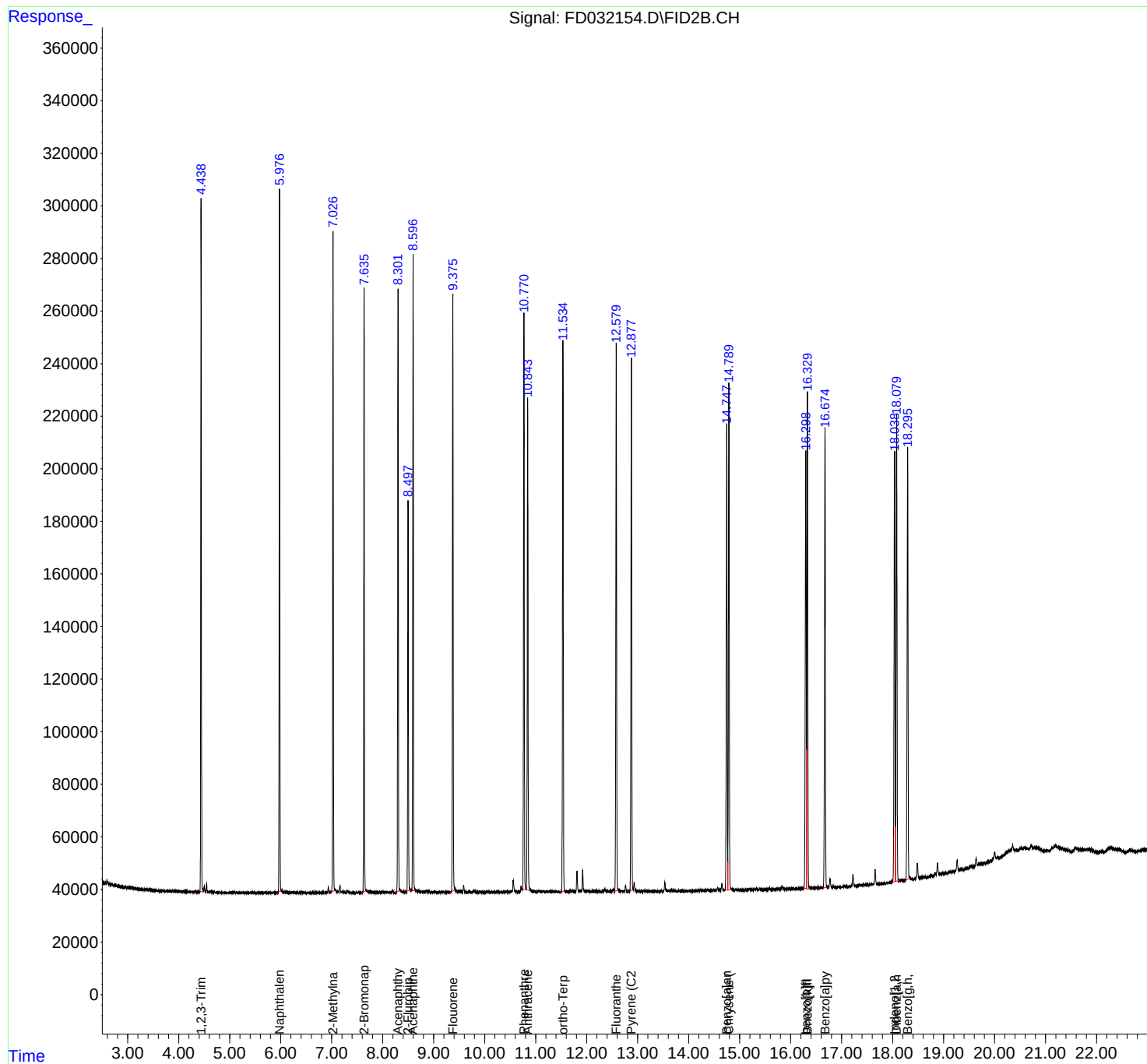
(f)=RT Delta > 1/2 Window

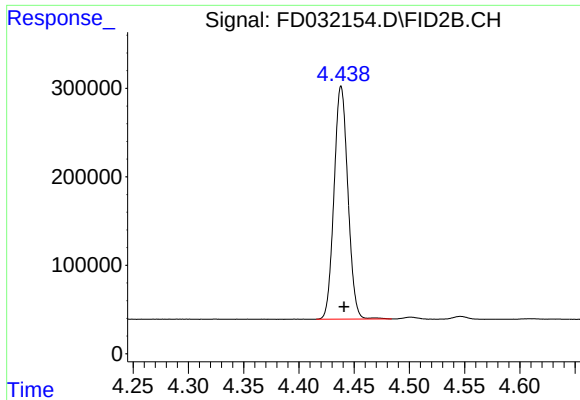
(m)=manual int.

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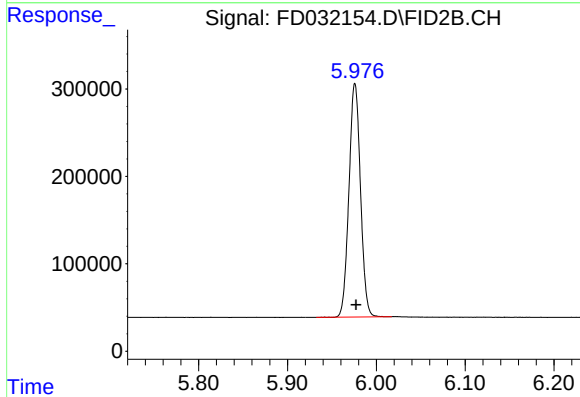
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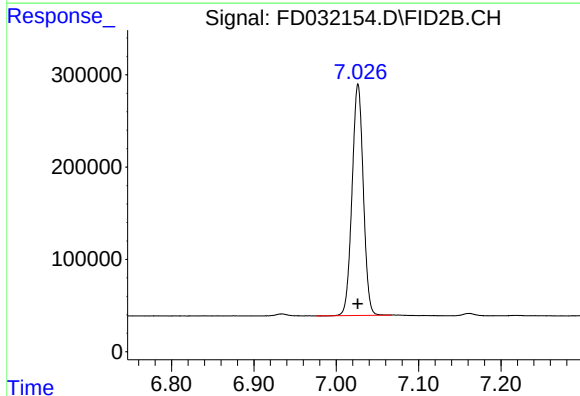
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 2299452
Conc: 20.30 ug/ml



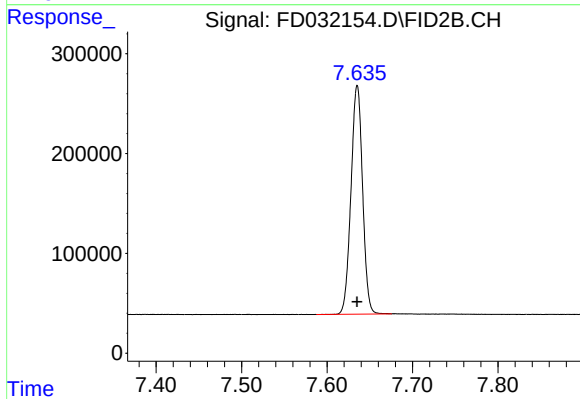
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 2410937
Conc: 19.82 ug/ml



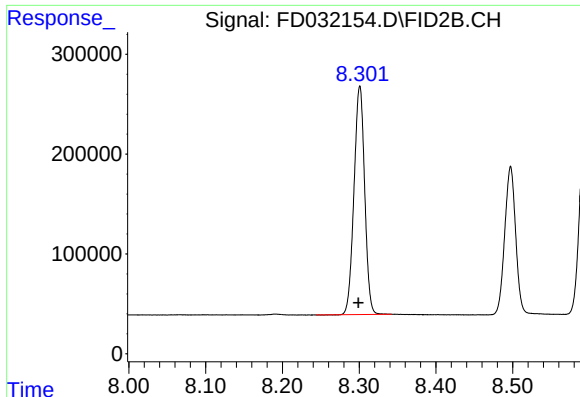
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 2373544
Conc: 19.38 ug/ml



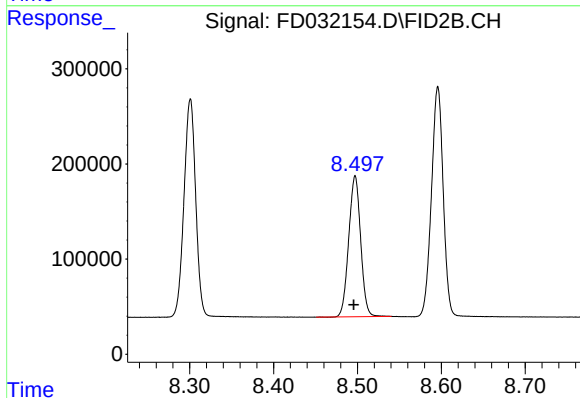
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 2156764
Conc: 19.19 ug/ml



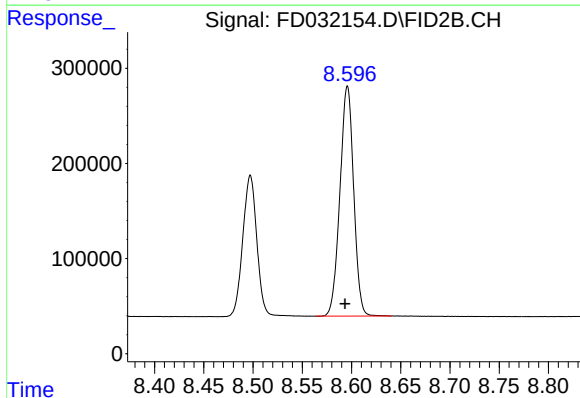
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: 0.002 min
Response: 2210941
Conc: 18.47 ug/ml



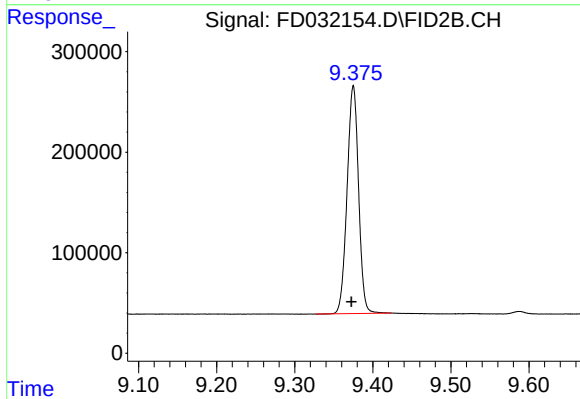
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: 0.002 min
Response: 1460779
Conc: 18.74 ug/ml



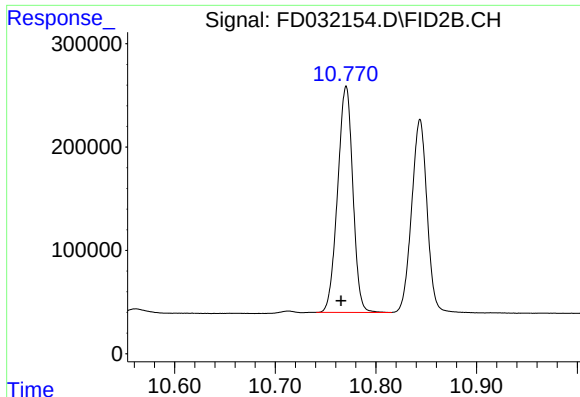
#7 Acenaphthene (C15.5)

R.T.: 8.596 min
Delta R.T.: 0.003 min
Response: 2347969
Conc: 18.99 ug/ml



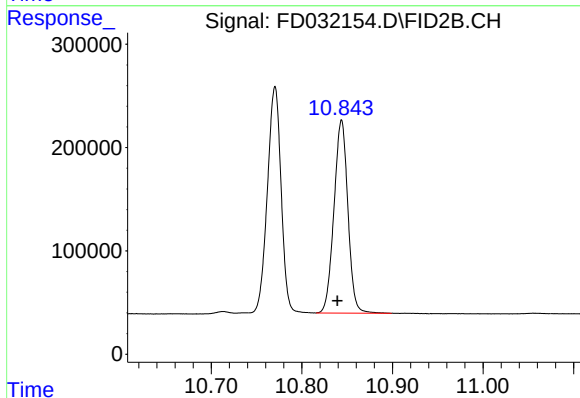
#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 2316091
Conc: 18.54 ug/ml



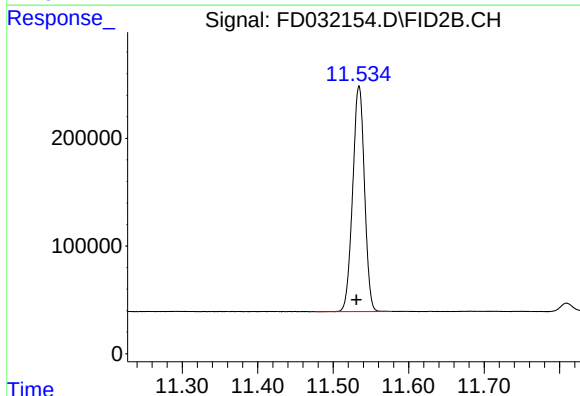
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: 0.005 min
Response: 2301325
Conc: 18.23 ug/ml



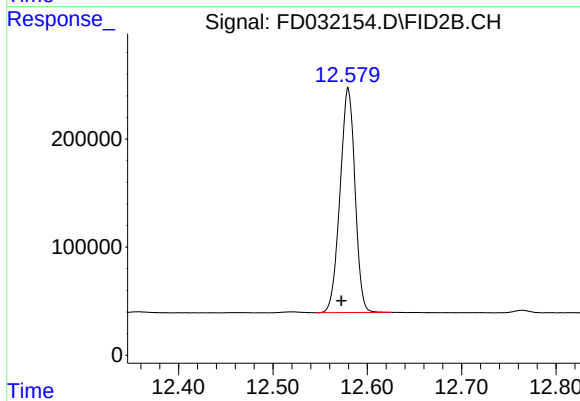
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: 0.004 min
Response: 1993943
Conc: 15.93 ug/ml



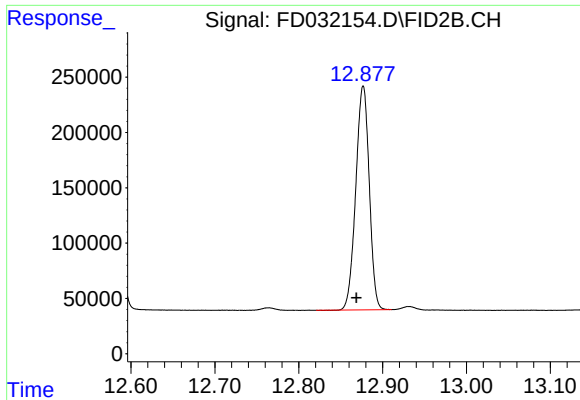
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: 0.004 min
Response: 2276302
Conc: 18.34 ug/ml



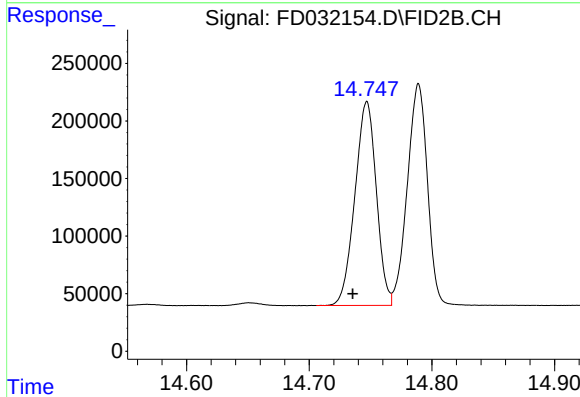
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: 0.007 min
Response: 2289075
Conc: 17.88 ug/ml



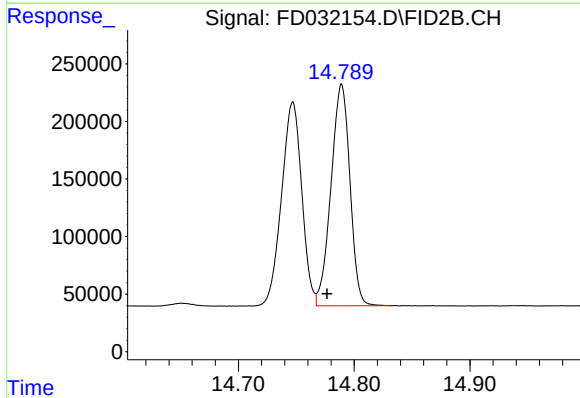
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: 0.008 min
Response: 2255467
Conc: 17.92 ug/ml



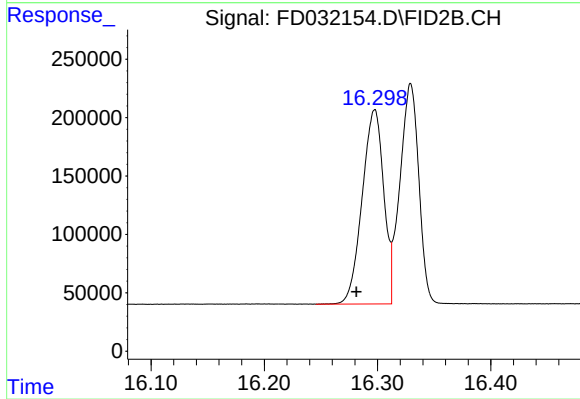
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.012 min
Response: 2150625
Conc: 17.61 ug/ml



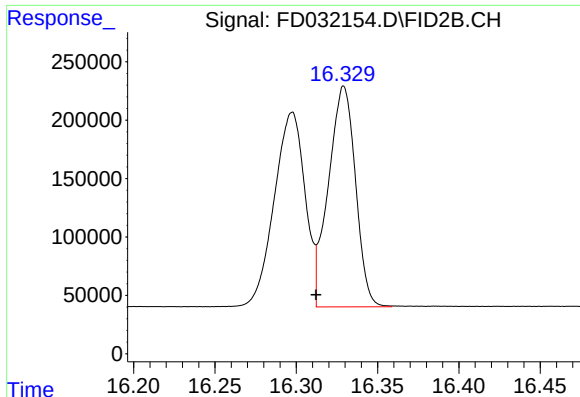
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.013 min
Response: 2189993
Conc: 17.80 ug/ml



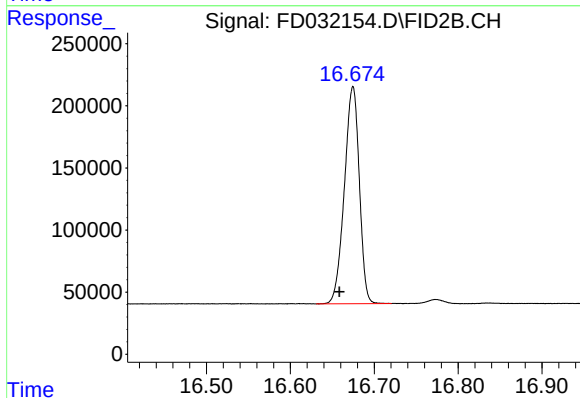
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.297 min
Delta R.T.: 0.016 min
Response: 2198090
Conc: 18.20 ug/ml



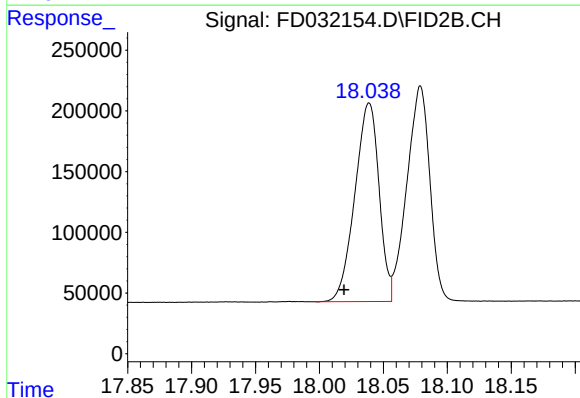
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: 0.017 min
Response: 2182166
Conc: 18.04 ug/ml m



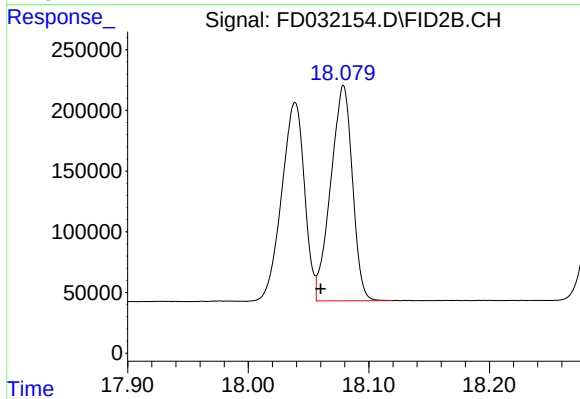
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: 0.016 min
Response: 2164728
Conc: 18.12 ug/ml



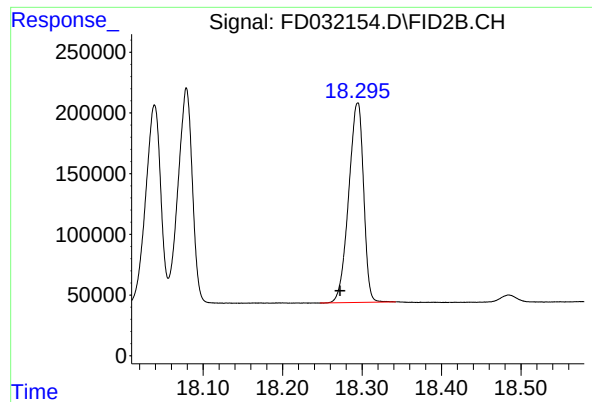
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.020 min
Response: 2152305
Conc: 18.73 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.019 min
Response: 2218507
Conc: 18.97 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.022 min
Response: 2141516
Conc: 18.79 ug/ml