

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080619AR\
 Data File : FD029952.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2019 5:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:12:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.674	3116835	19.697 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
6) S 2-Fluorobiphenyl (SURR)	8.537	2050457	19.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.18%
11) S ortho-Terphenyl (SURR)	11.573	3138357	18.492 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	3510577	20.764 ug/mlm
2) T Naphthalene (C11.7)	6.014	3591227	20.067 ug/ml
3) T 2-Methylnaphthalene (...)	7.065	3489533	19.780 ug/ml
5) T Acenaphthylene (C15.06)	8.341	3247277	19.182 ug/ml
7) T Acenaphthene (C15.5)	8.637	3390712	19.242 ug/ml
8) T Fluorene (C16.55)	9.415	3305684	18.918 ug/ml
9) T Phenanthrene (C19.36)	10.809	3145388	18.138 ug/ml
10) T Anthracene (C19.43)	10.884	3054736	18.067 ug/ml
12) T Fluoranthene (C21.85)	12.618	2940471	17.171 ug/ml
13) T Pyrene (C20.8)	12.915	2888058	16.977 ug/ml
14) T Benzo[a]anthracene (C...	14.780	2646557	16.977 ug/mlm
15) T Chrysene (C27.41)	14.822	2661656	17.077 ug/ml
16) T benzo[b]fluoranthene ...	16.326	2651001	18.154 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.359	2628086	18.172 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	2621870	18.697 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.065	2647867	20.784 ug/ml
20) T Dibenz[a,h]anthracene...	18.104	2624295	20.984 ug/ml
21) T Benzo[g,h,i]perylene ...	18.321	2639376	21.159 ug/ml

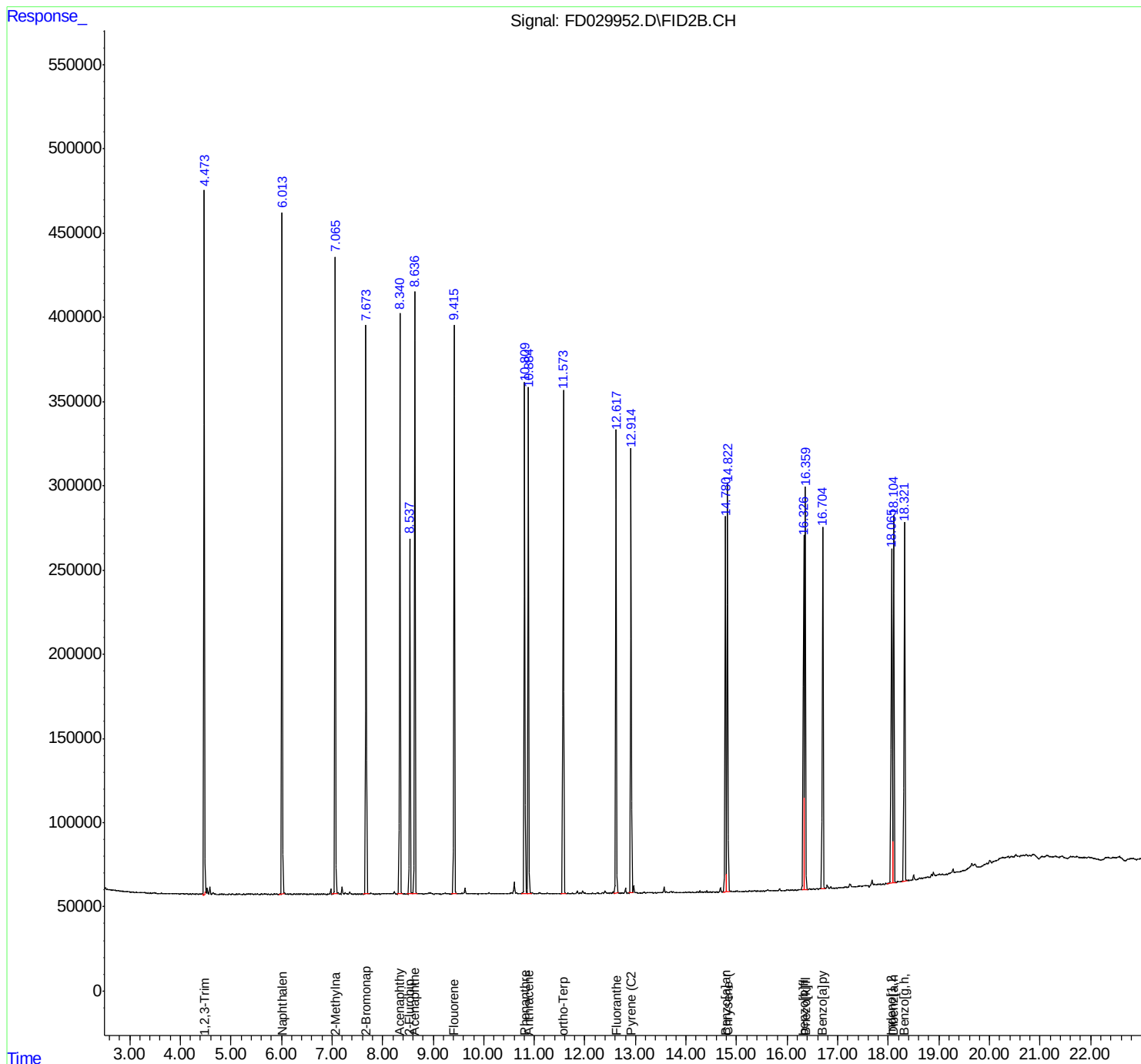
(f)=RT Delta > 1/2 Window

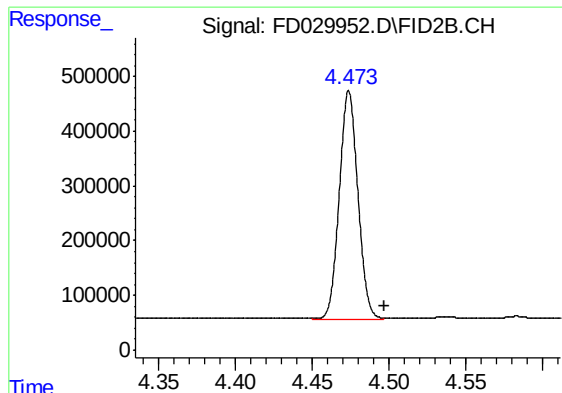
(m)=manual int.

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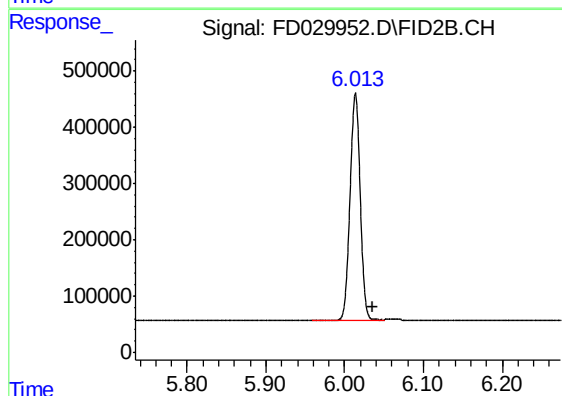
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





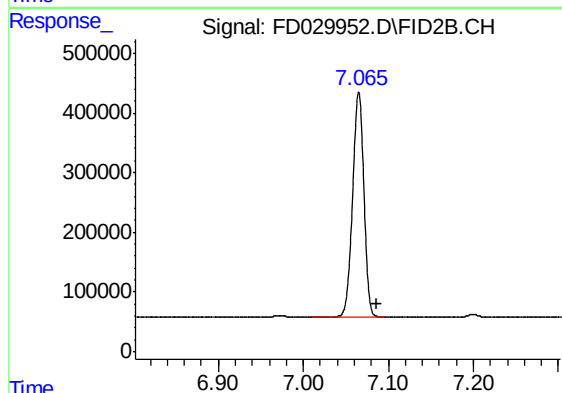
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 3510577
Conc: 20.76 ug/ml m



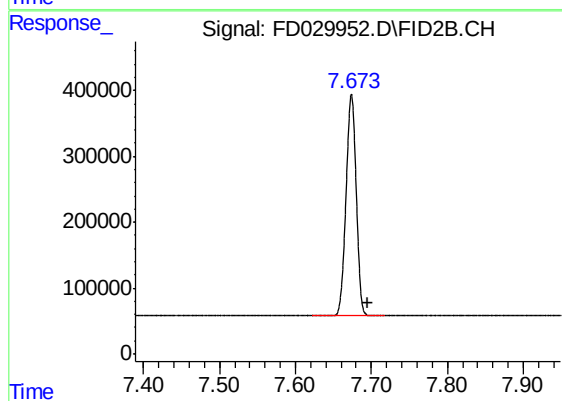
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.022 min
Response: 3591227
Conc: 20.07 ug/ml



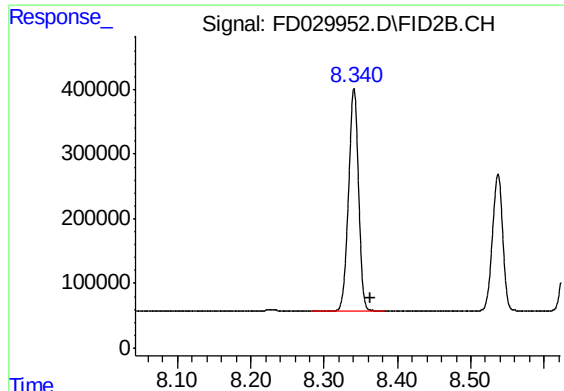
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.022 min
Response: 3489533
Conc: 19.78 ug/ml



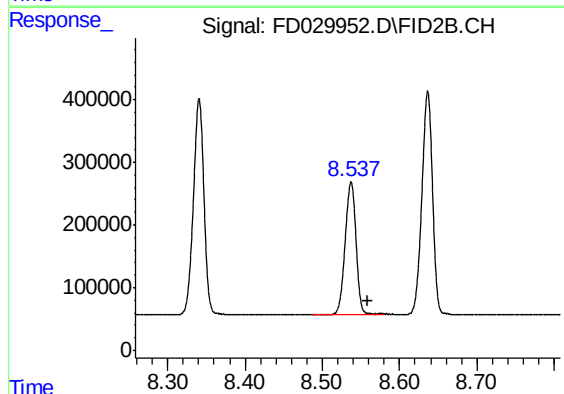
#4 2-Bromonaphthalene (SURR)

R.T.: 7.674 min
Delta R.T.: -0.022 min
Response: 3116835
Conc: 19.70 ug/ml



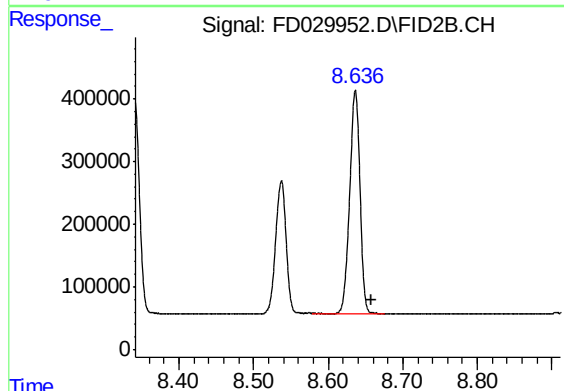
#5 Acenaphthylene (C15.06)

R.T.: 8.341 min
Delta R.T.: -0.022 min
Response: 3247277
Conc: 19.18 ug/ml



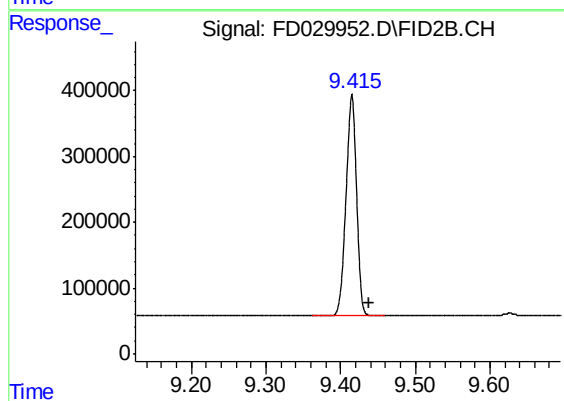
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.021 min
Response: 2050457
Conc: 19.09 ug/ml



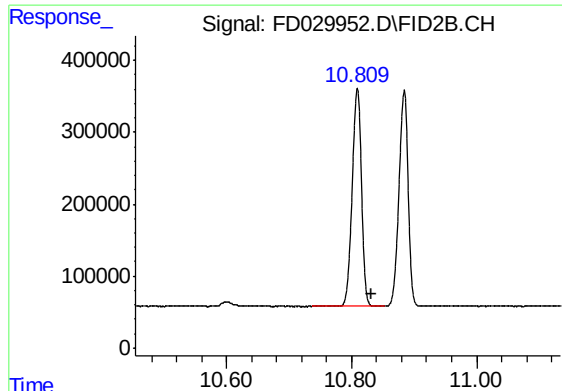
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.022 min
Response: 3390712
Conc: 19.24 ug/ml



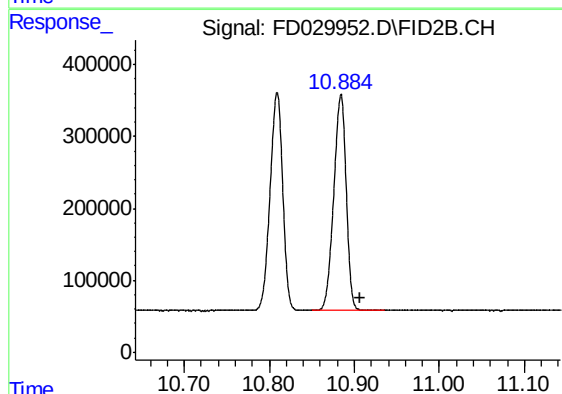
#8 Fluorene (C16.55)

R.T.: 9.415 min
Delta R.T.: -0.022 min
Response: 3305684
Conc: 18.92 ug/ml



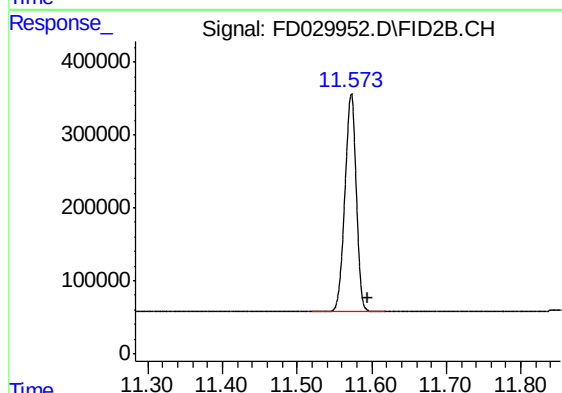
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: -0.023 min
Response: 3145388
Conc: 18.14 ug/ml



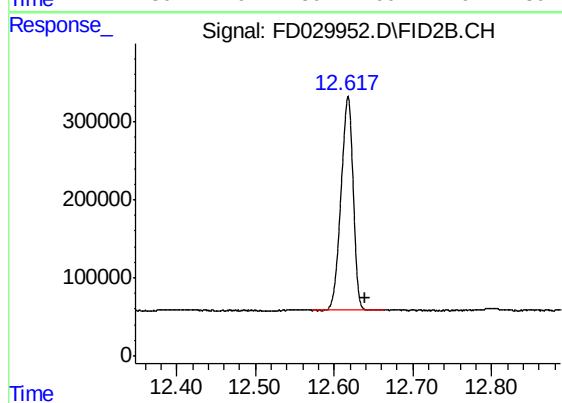
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: -0.022 min
Response: 3054736
Conc: 18.07 ug/ml



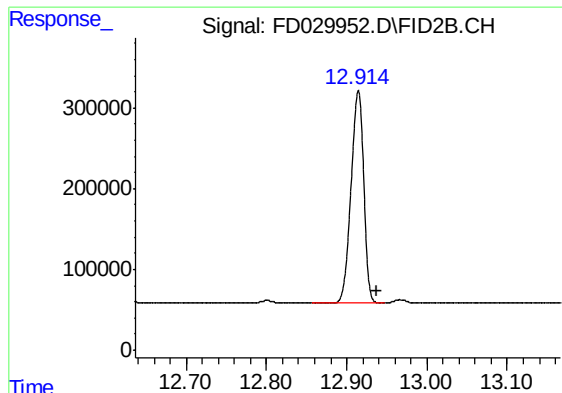
#11 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.022 min
Response: 3138357
Conc: 18.49 ug/ml



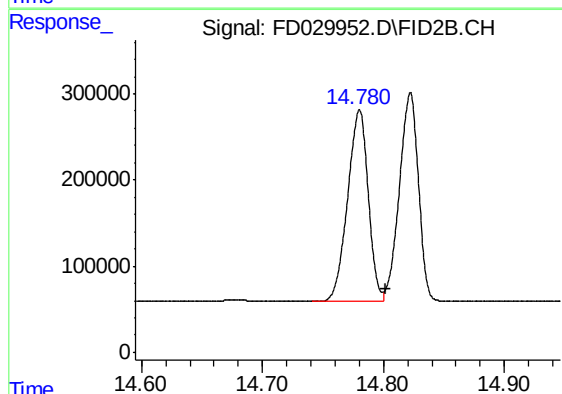
#12 Fluoranthene (C21.85)

R.T.: 12.618 min
Delta R.T.: -0.022 min
Response: 2940471
Conc: 17.17 ug/ml



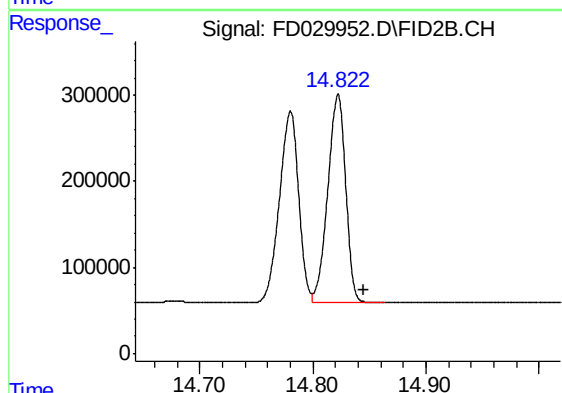
#13 Pyrene (C20.8)

R.T.: 12.915 min
Delta R.T.: -0.022 min
Response: 2888058
Conc: 16.98 ug/ml



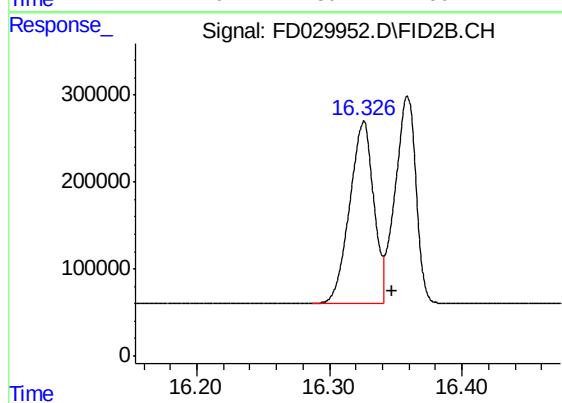
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.780 min
Delta R.T.: -0.022 min
Response: 2646557
Conc: 16.98 ug/ml m



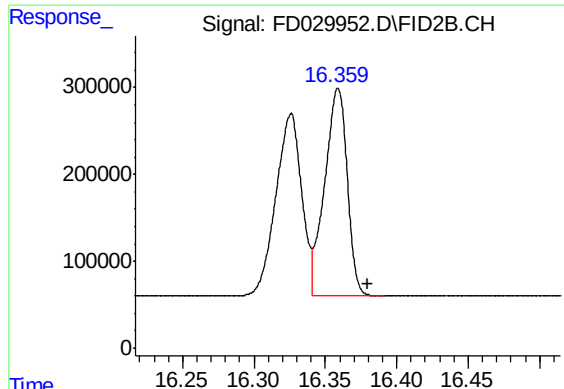
#15 Chrysene (C27.41)

R.T.: 14.822 min
Delta R.T.: -0.022 min
Response: 2661656
Conc: 17.08 ug/ml



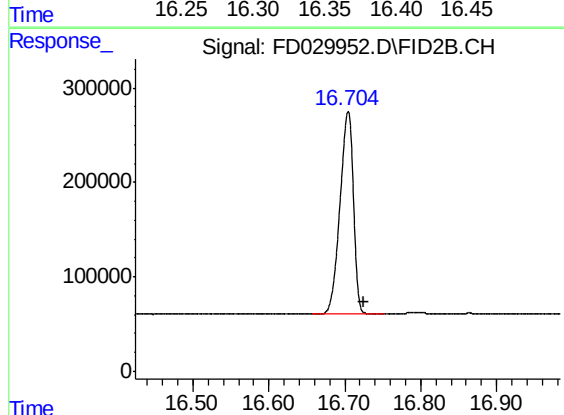
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.326 min
Delta R.T.: -0.021 min
Response: 2651001
Conc: 18.15 ug/ml m



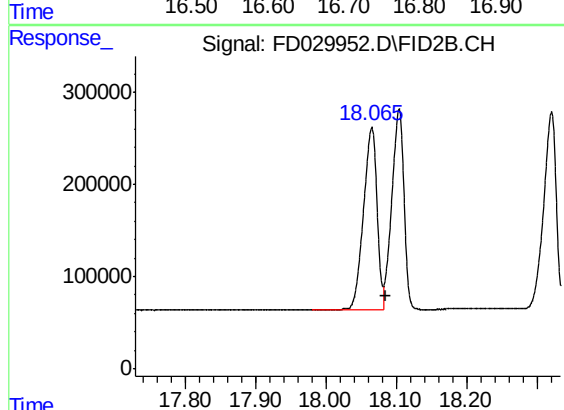
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.359 min
Delta R.T.: -0.021 min
Response: 2628086
Conc: 18.17 ug/ml



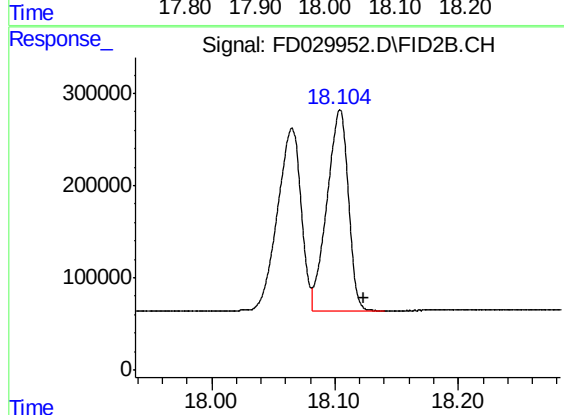
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: -0.020 min
Response: 2621870
Conc: 18.70 ug/ml



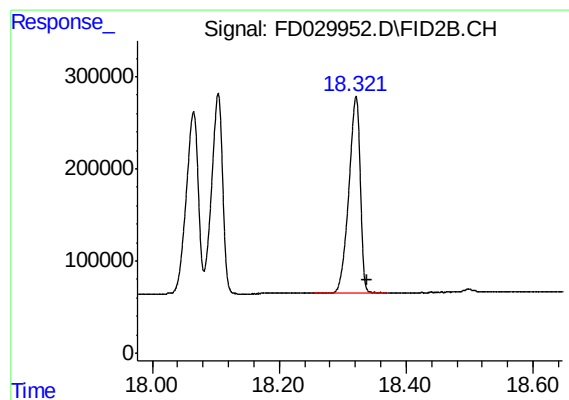
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.065 min
Delta R.T.: -0.019 min
Response: 2647867
Conc: 20.78 ug/ml



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

R.T.: 18.104 min
Delta R.T.: -0.019 min
Response: 2624295
Conc: 20.98 ug/ml



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

R.T.: 18.321 min
Delta R.T.: -0.018 min
Response: 2639376
Conc: 21.16 ug/ml