

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050720AR\
 Data File : FD033312.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2020 8:02
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 16:12:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 12:57:17 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...	7.588	2313063	21.027 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
6) S 2-Fluorobiphenyl (SURR)	8.450	1560969	21.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.24%
11) S ortho-Terphenyl (SURR)	11.481	2677027	20.563 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	2399640	20.737 ug/ml
2) T Naphthalene (C11.7)	5.930	2493787	20.961 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2518227	20.850 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2503429	20.760 ug/ml
7) T Acenaphthene (C15.5)	8.545	2644445	20.980 ug/ml
8) T Fluorene (C16.55)	9.325	2547206	20.907 ug/ml
9) T Phenanthrene (C19.36)	10.720	2608892	20.666 ug/ml
10) T Anthracene (C19.43)	10.795	2518737	20.697 ug/ml
12) T Fluoranthene (C21.85)	12.530	2694177	20.698 ug/ml
13) T Pyrene (C20.8)	12.826	2660447	20.490 ug/ml
14) T Benzo[a]anthracene (C...	14.698	2542779	20.789 ug/ml
15) T Chrysene (C27.41)	14.740	2677330	20.580 ug/ml
16) T benzo[b]fluoranthene ...	16.251	2575708	20.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	2663760	20.631 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	2543011	20.556 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.999	2380845	20.345 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	2602355	20.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	2462822	20.497 ug/ml

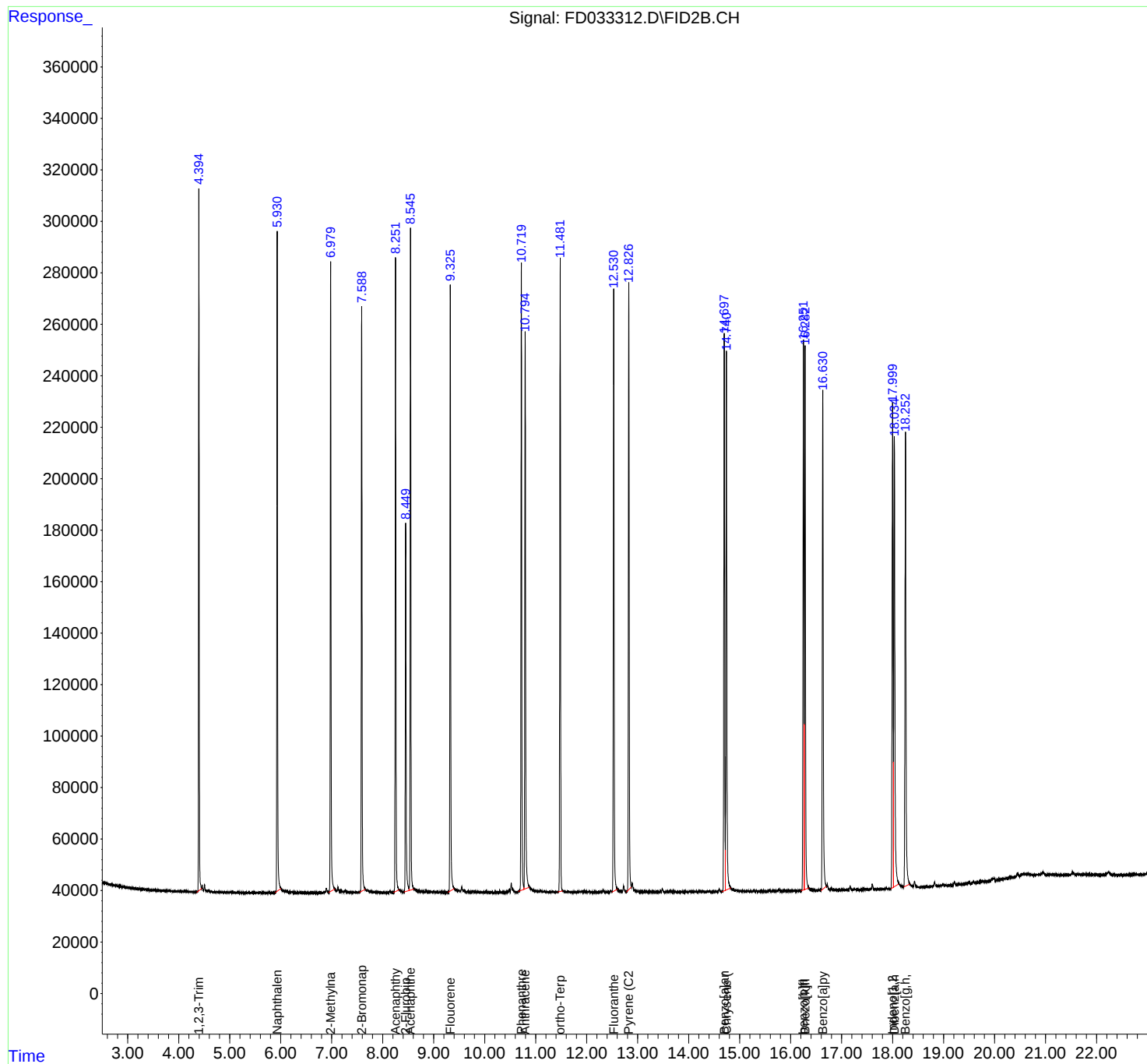
(f)=RT Delta > 1/2 Window

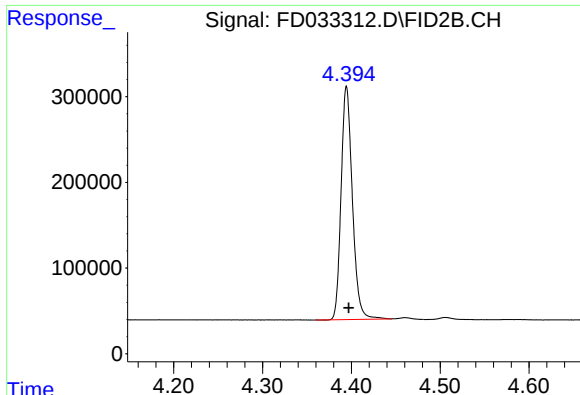
(m)=manual int.

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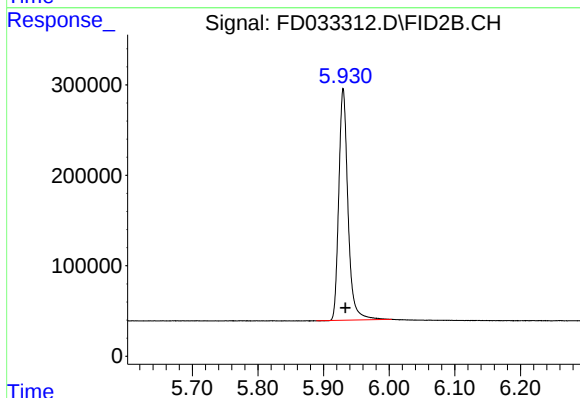
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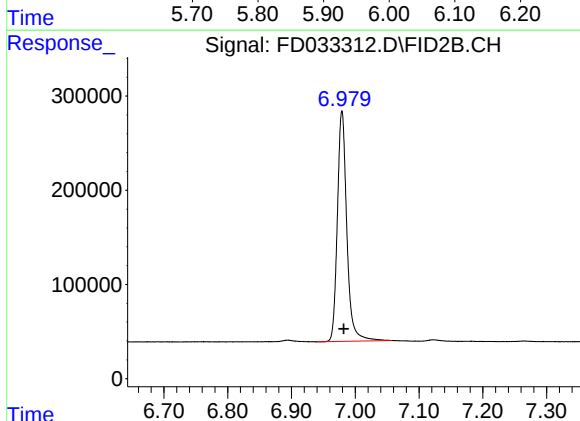
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 2399640
Conc: 20.74 ug/ml



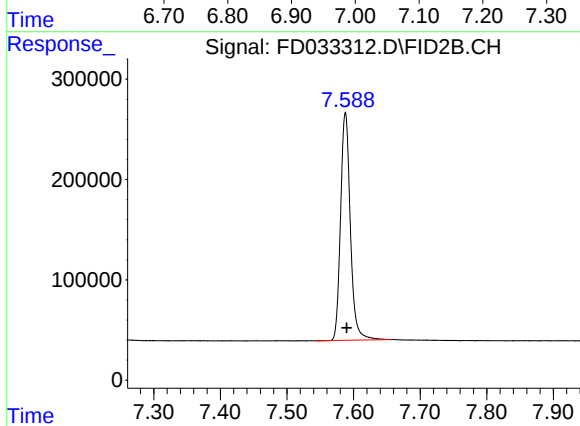
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 2493787
Conc: 20.96 ug/ml



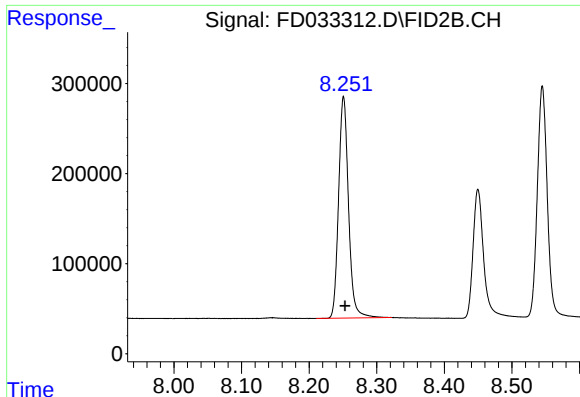
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 2518227
Conc: 20.85 ug/ml



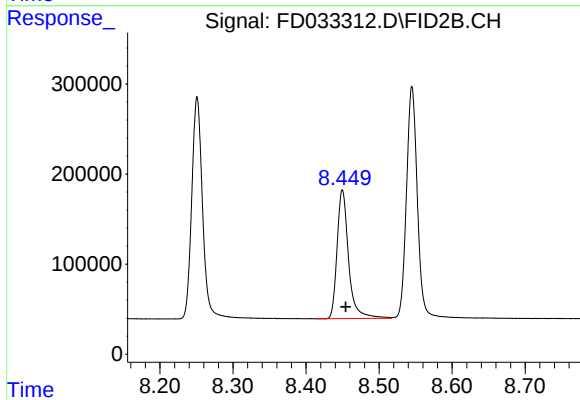
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.002 min
Response: 2313063
Conc: 21.03 ug/ml



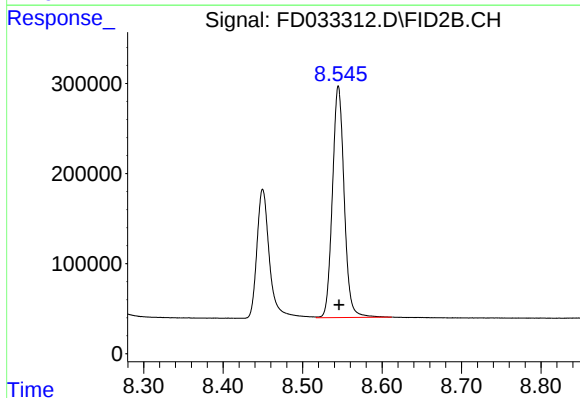
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: -0.002 min
Response: 2503429
Conc: 20.76 ug/ml



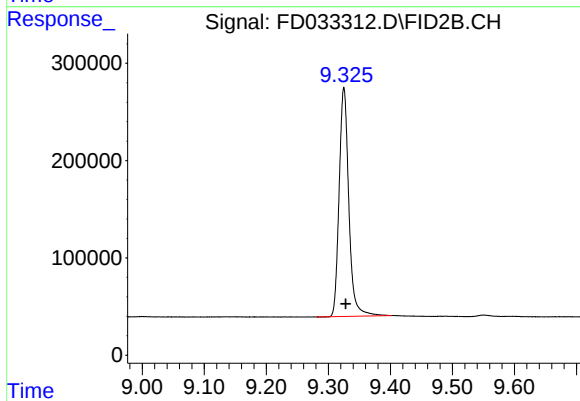
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.005 min
Response: 1560969
Conc: 21.12 ug/ml



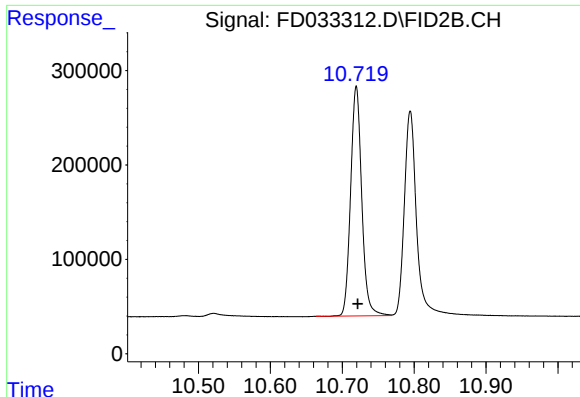
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.001 min
Response: 2644445
Conc: 20.98 ug/ml



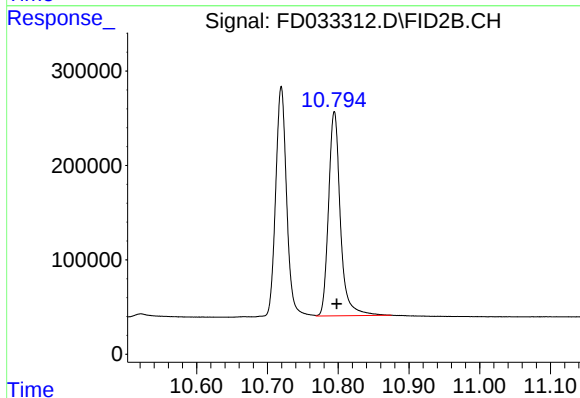
#8 Flouorene (C16.55)

R.T.: 9.325 min
Delta R.T.: -0.003 min
Response: 2547206
Conc: 20.91 ug/ml



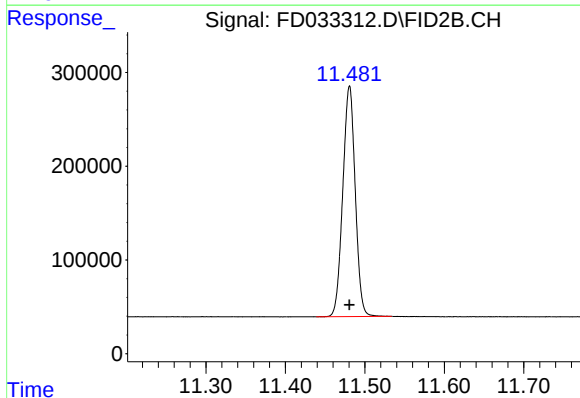
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.002 min
Response: 2608892
Conc: 20.67 ug/ml



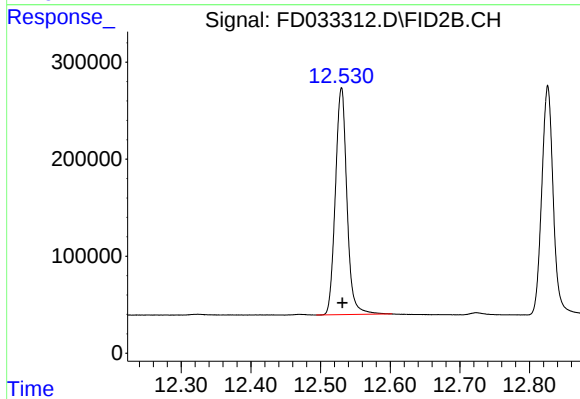
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.003 min
Response: 2518737
Conc: 20.70 ug/ml



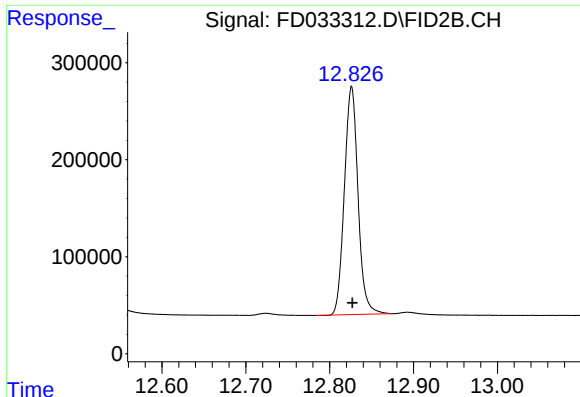
#11 ortho-Terphenyl (SURR)

R.T.: 11.481 min
Delta R.T.: 0.000 min
Response: 2677027
Conc: 20.56 ug/ml



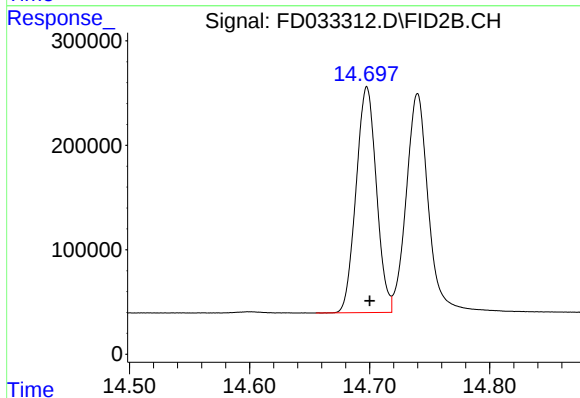
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.001 min
Response: 2694177
Conc: 20.70 ug/ml



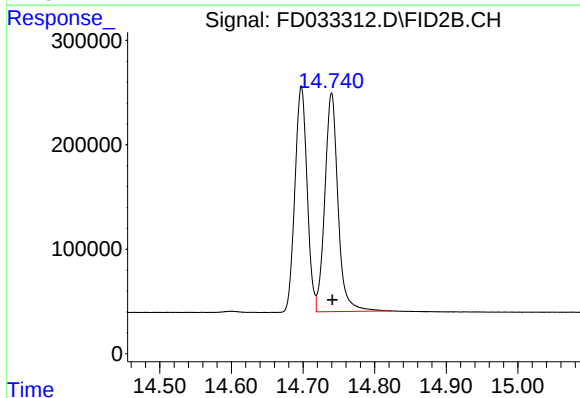
#13 Pyrene (C20.8)

R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 2660447
Conc: 20.49 ug/ml



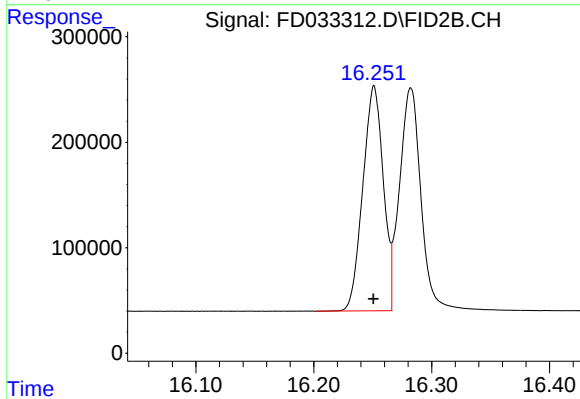
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: -0.002 min
Response: 2542779
Conc: 20.79 ug/ml



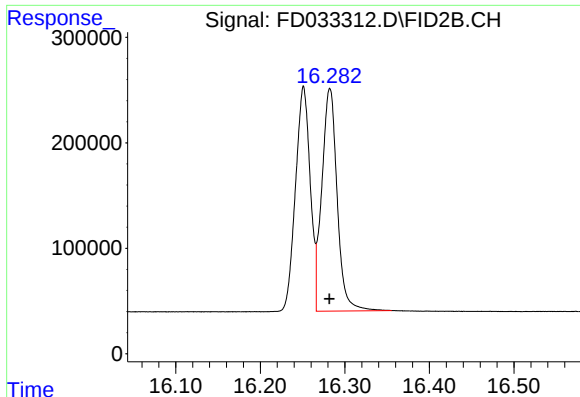
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: -0.001 min
Response: 2677330
Conc: 20.58 ug/ml



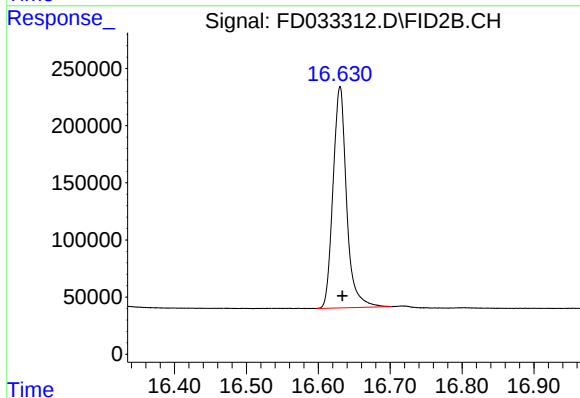
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 2575708
Conc: 20.59 ug/ml



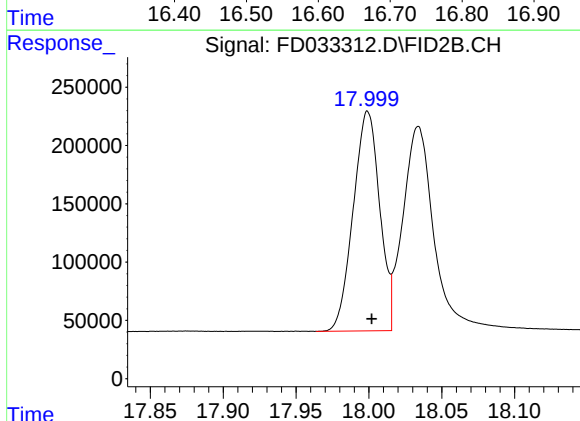
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.282 min
Delta R.T.: 0.000 min
Response: 2663760
Conc: 20.63 ug/ml



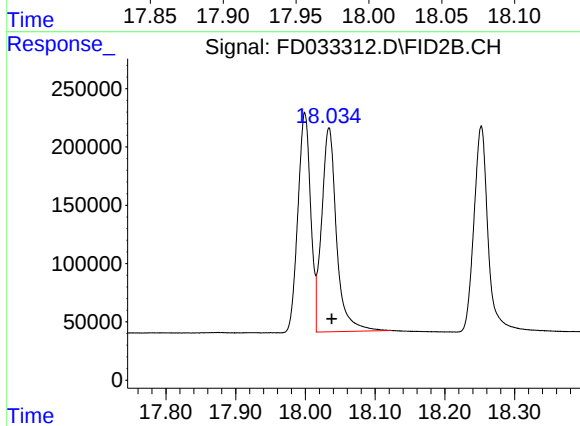
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.003 min
Response: 2543011
Conc: 20.56 ug/ml



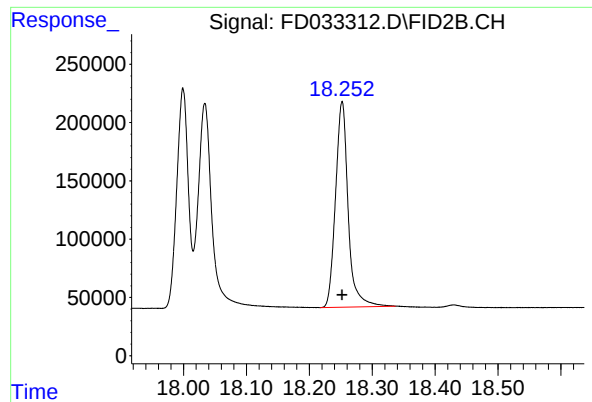
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.999 min
Delta R.T.: -0.003 min
Response: 2380845
Conc: 20.34 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.004 min
Response: 2602355
Conc: 20.85 ug/ml



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

R.T.: 18.252 min
Delta R.T.: 0.000 min
Response: 2462822
Conc: 20.50 ug/ml