

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021020AR\
 Data File : FD032316.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2020 9:32
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 02:38:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.629	2565971	18.464 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
6) S 2-Fluorobiphenyl (SURR)	8.491	1749174	18.445 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.89%
11) S ortho-Terphenyl (SURR)	11.528	2652635	17.884 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.432	2732208	18.866 ug/mlm
2) T Naphthalene (C11.7)	5.970	2861237	18.775 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	2825104	18.674 ug/ml
5) T Acenaphthylene (C15.06)	8.294	2682174	18.202 ug/ml
7) T Acenaphthene (C15.5)	8.589	2782377	18.425 ug/ml
8) T Flouorene (C16.55)	9.368	2746705	18.353 ug/ml
9) T Phenanthrene (C19.36)	10.763	2756142	18.223 ug/ml
10) T Anthracene (C19.43)	10.837	2599708	17.526 ug/ml
12) T Fluoranthene (C21.85)	12.573	2684877	17.830 ug/ml
13) T Pyrene (C20.8)	12.870	2653493	17.774 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2480061	17.463 ug/ml
15) T Chrysene (C27.41)	14.782	2503163	17.511 ug/ml
16) T benzo[b]fluoranthene ...	16.289	2411542	17.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	2415070	17.499 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	2369747	17.393 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2260245	17.474 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	2311066	17.704 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	2239640	17.833 ug/ml

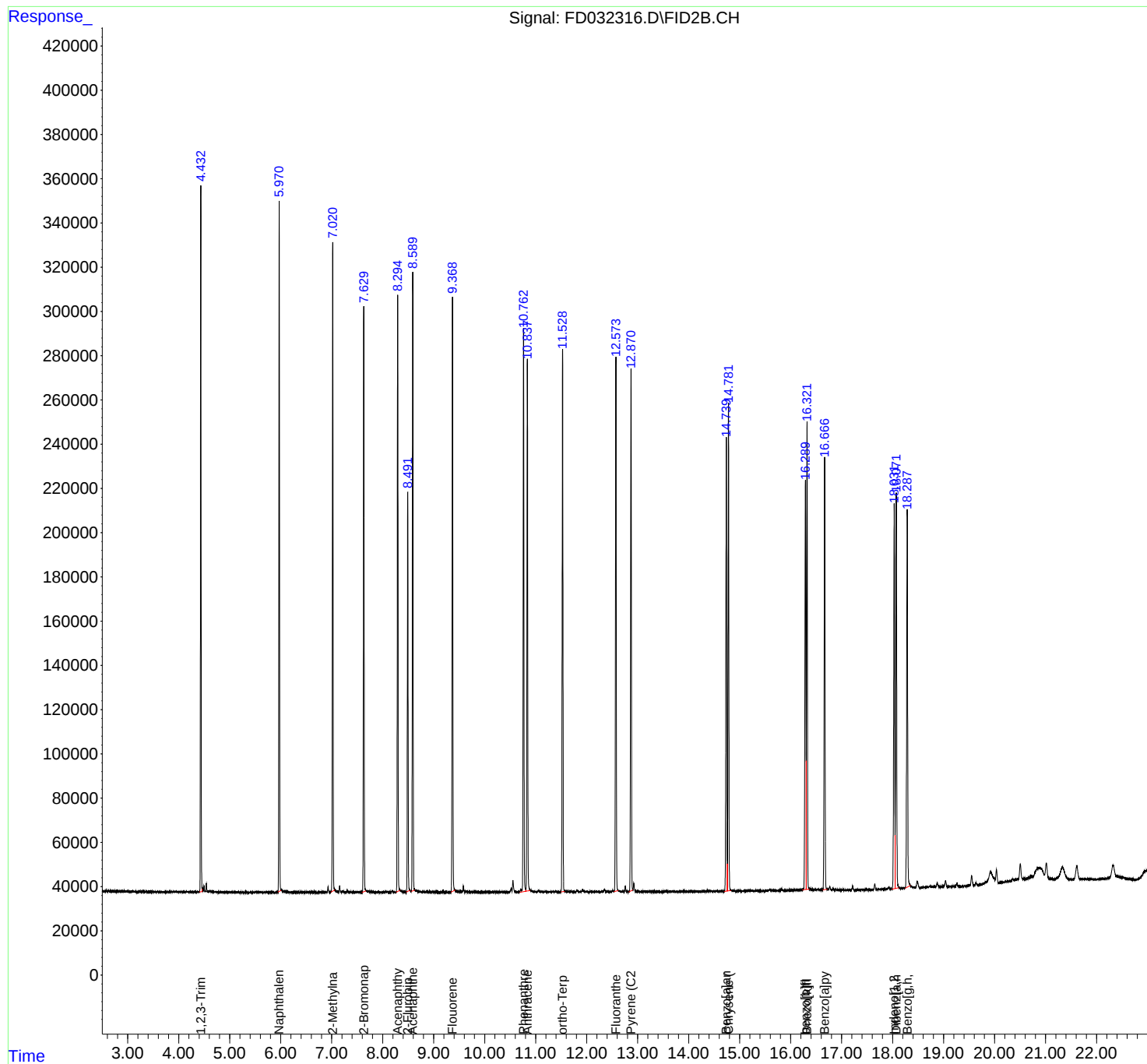
(f)=RT Delta > 1/2 Window

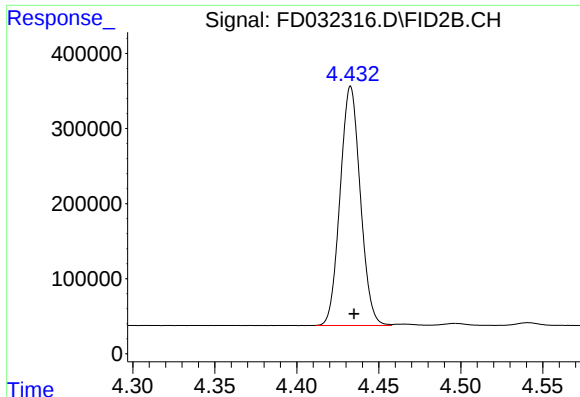
(m)=manual int.

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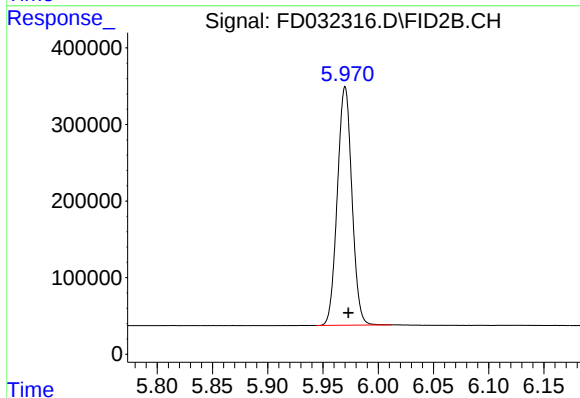
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Signal Info : 20M x 0.18mm x 0.18µm





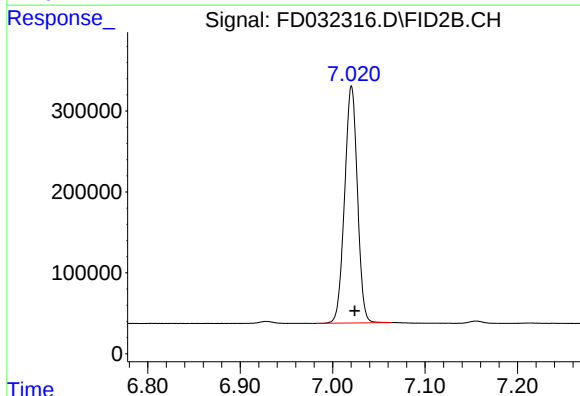
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 2732208
Conc: 18.87 ug/ml m



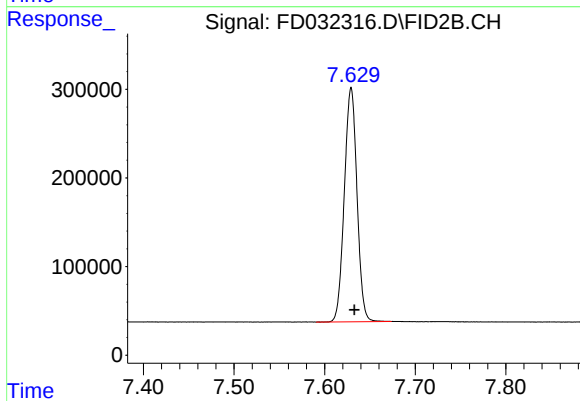
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 2861237
Conc: 18.78 ug/ml



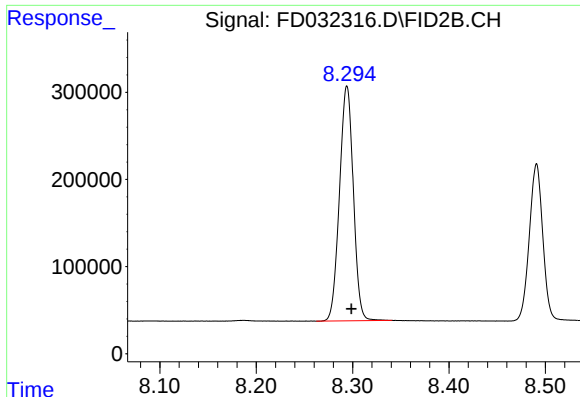
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 2825104
Conc: 18.67 ug/ml



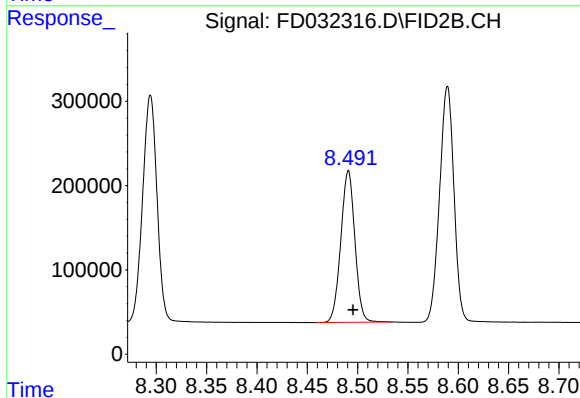
#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 2565971
Conc: 18.46 ug/ml



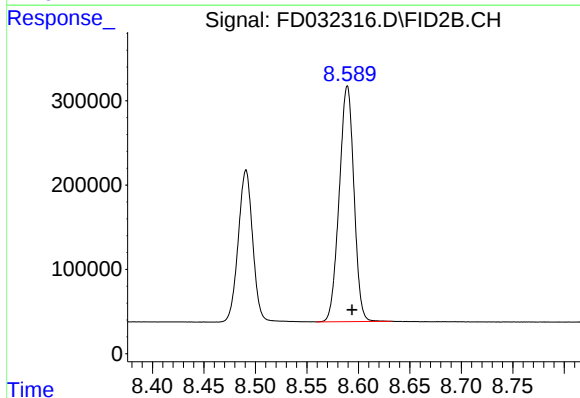
#5 Acenaphthylene (C15.06)

R.T.: 8.294 min
Delta R.T.: -0.004 min
Response: 2682174
Conc: 18.20 ug/ml



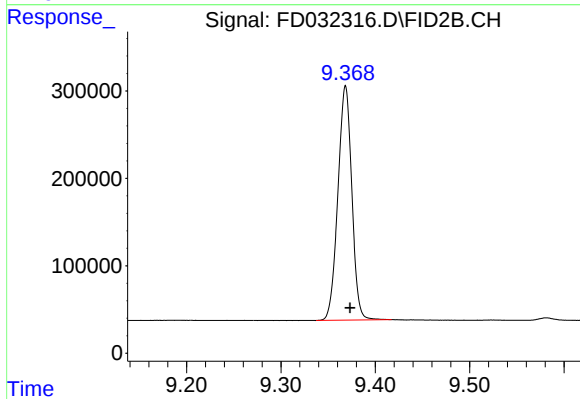
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 1749174
Conc: 18.44 ug/ml



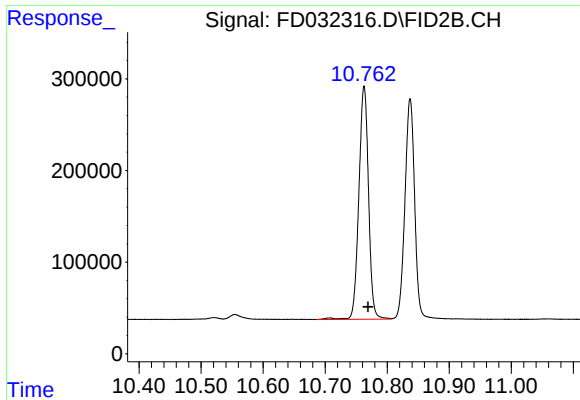
#7 Acenaphthene (C15.5)

R.T.: 8.589 min
Delta R.T.: -0.005 min
Response: 2782377
Conc: 18.42 ug/ml



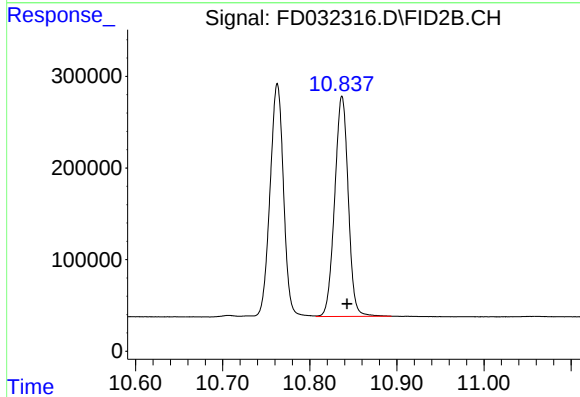
#8 Fluorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.005 min
Response: 2746705
Conc: 18.35 ug/ml



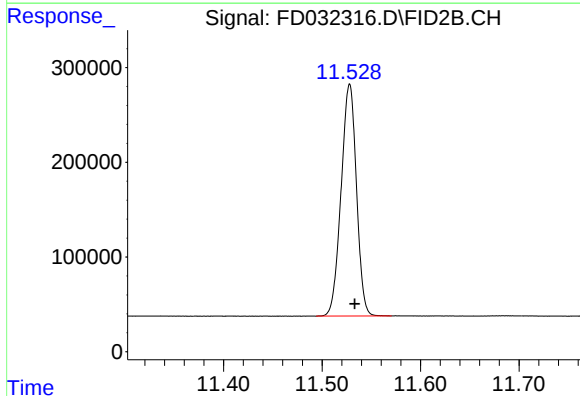
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.006 min
Response: 2756142
Conc: 18.22 ug/ml



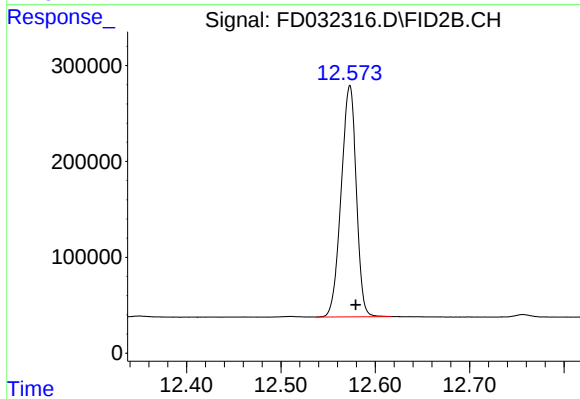
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: -0.006 min
Response: 2599708
Conc: 17.53 ug/ml



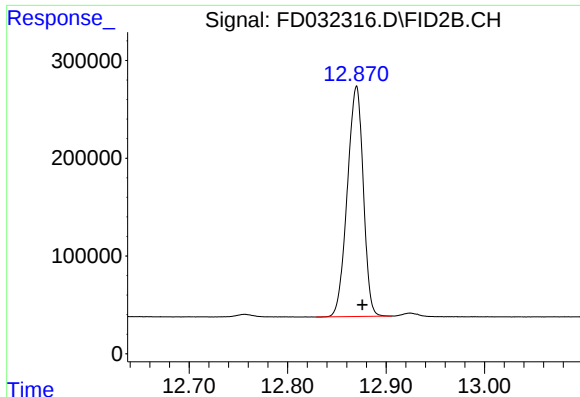
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: -0.005 min
Response: 2652635
Conc: 17.88 ug/ml



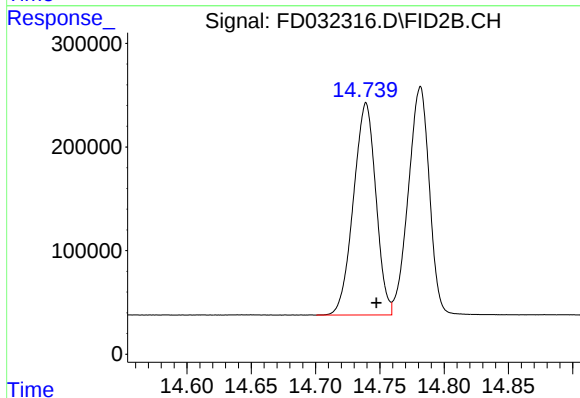
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: -0.006 min
Response: 2684877
Conc: 17.83 ug/ml



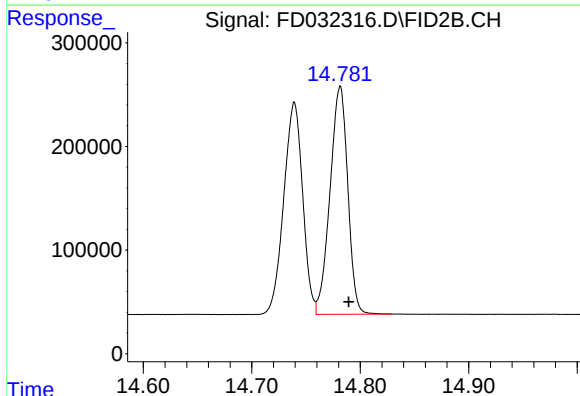
#13 Pyrene (C20.8)

R.T.: 12.870 min
Delta R.T.: -0.006 min
Response: 2653493
Conc: 17.77 ug/ml



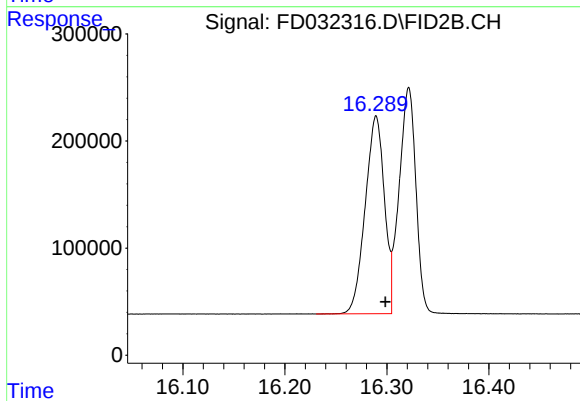
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.008 min
Response: 2480061
Conc: 17.46 ug/ml



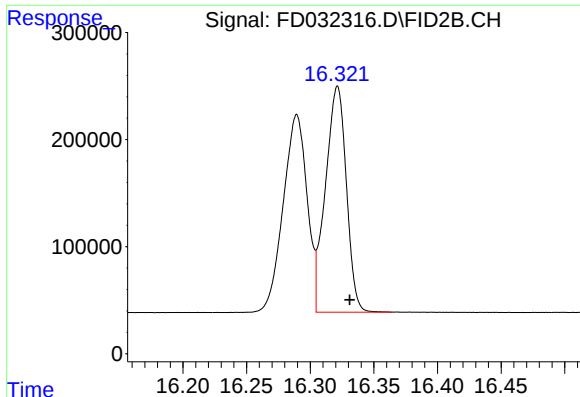
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.008 min
Response: 2503163
Conc: 17.51 ug/ml



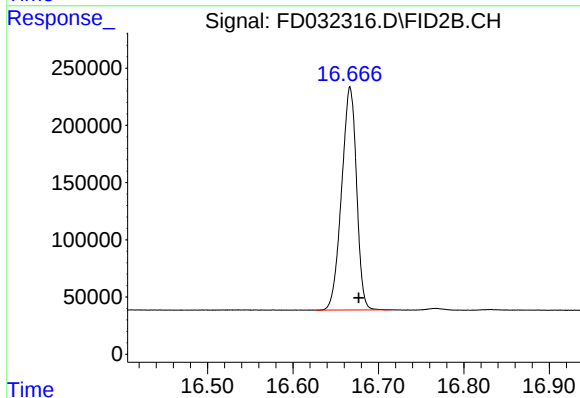
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: -0.009 min
Response: 2411542
Conc: 17.40 ug/ml



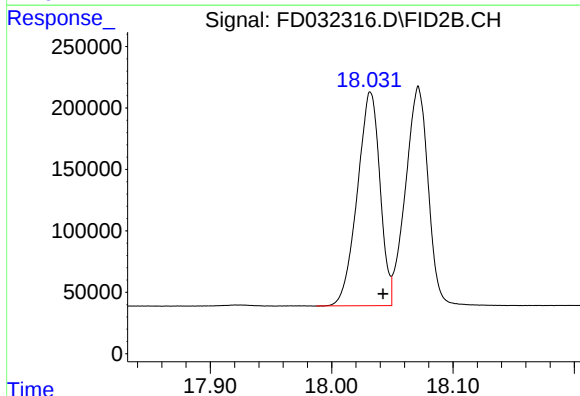
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: -0.010 min
Response: 2415070
Conc: 17.50 ug/ml



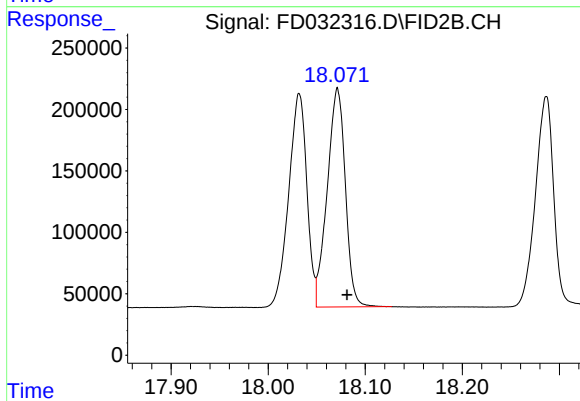
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: -0.010 min
Response: 2369747
Conc: 17.39 ug/ml



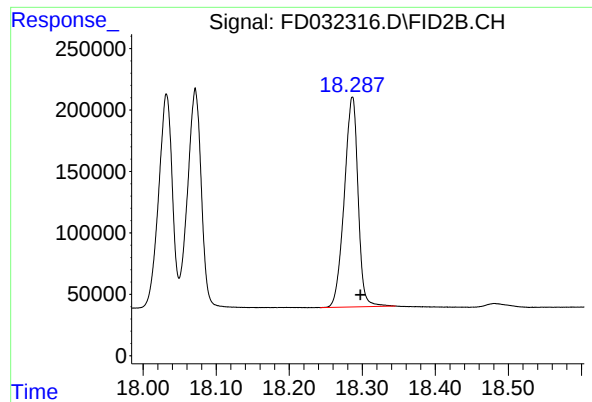
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.010 min
Response: 2260245
Conc: 17.47 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.010 min
Response: 2311066
Conc: 17.70 ug/ml



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

R.T.: 18.287 min
Delta R.T.: -0.011 min
Response: 2239640
Conc: 17.83 ug/ml