

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032320AR\
 Data File : FD032719.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2020 12:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 24 03:20:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.610	2227132	17.232 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
6) S 2-Fluorobiphenyl (SURR)	8.472	1441695	16.331 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.66%
11) S ortho-Terphenyl (SURR)	11.506	2273848	16.399 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	2481668	18.657 ug/ml
2) T Naphthalene (C11.7)	5.952	2547808	17.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	2464300	17.360 ug/ml
5) T Acenaphthylene (C15.06)	8.274	2308717	16.878 ug/ml
7) T Acenaphthene (C15.5)	8.570	2406895	17.048 ug/ml
8) T Fluorene (C16.55)	9.349	2282301	16.281 ug/ml
9) T Phenanthrene (C19.36)	10.743	2207226	15.794 ug/ml
10) T Anthracene (C19.43)	10.817	2159923	15.427 ug/ml
12) T Fluoranthene (C21.85)	12.552	2193196	15.638 ug/ml
13) T Pyrene (C20.8)	12.848	2179169	15.849 ug/ml
14) T Benzo[a]anthracene (C...	14.717	2083618	15.968 ug/ml
15) T Chrysene (C27.41)	14.759	2147588	15.953 ug/ml
16) T benzo[b]fluoranthene ...	16.268	2163181	16.862 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	2167995	16.515 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	2156602	16.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	2125403	17.836 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	2163381	17.110 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	2155750	18.235 ug/ml

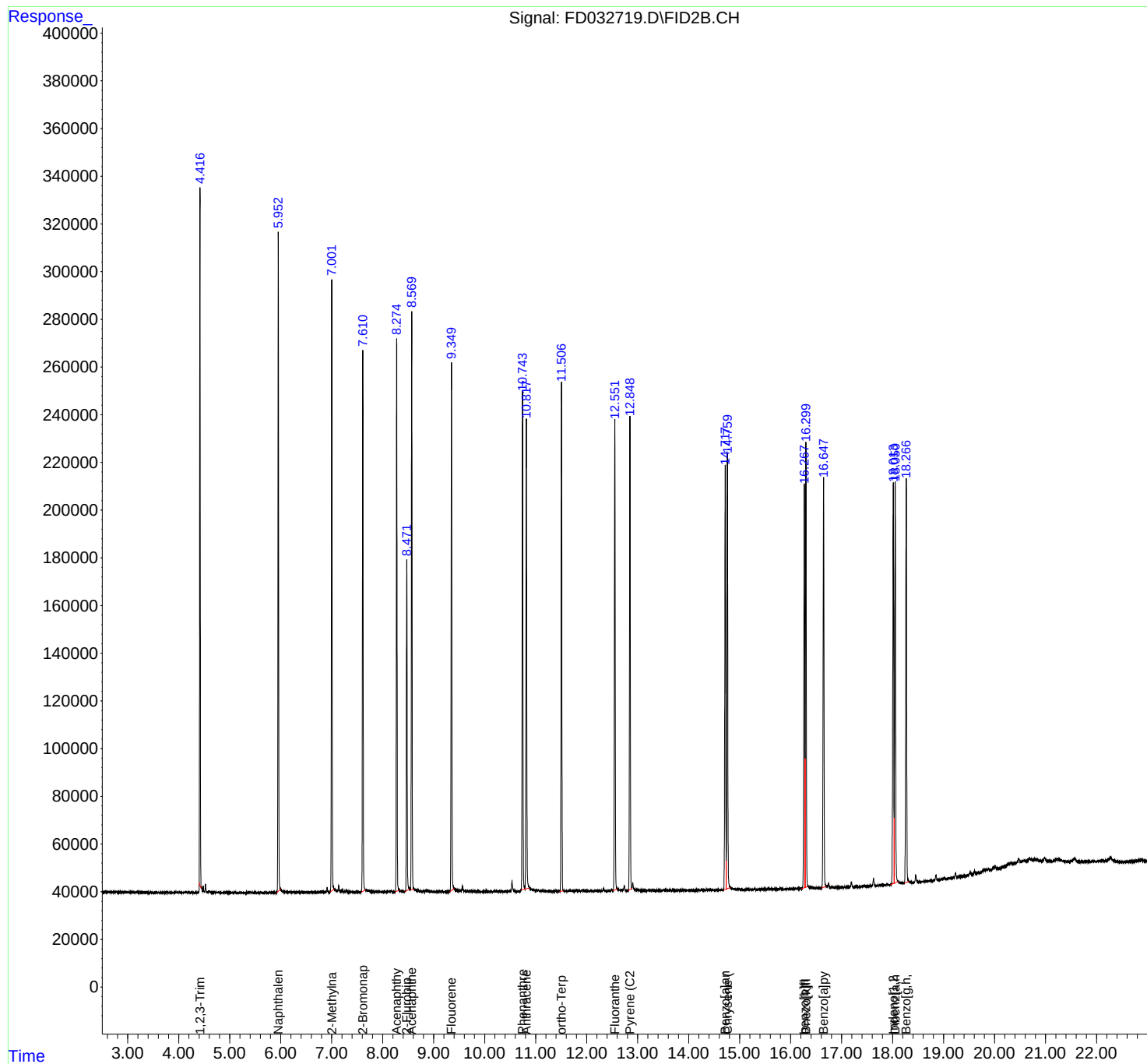
(f)=RT Delta > 1/2 Window

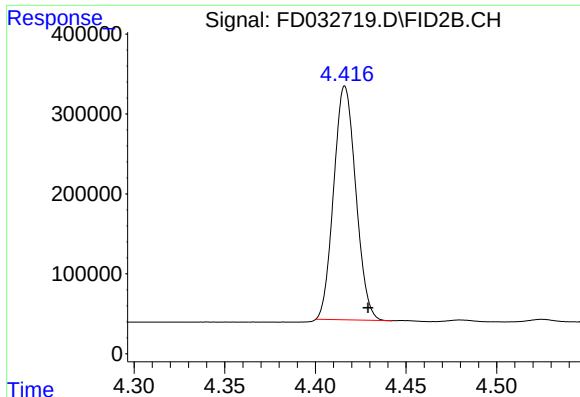
(m)=manual int.

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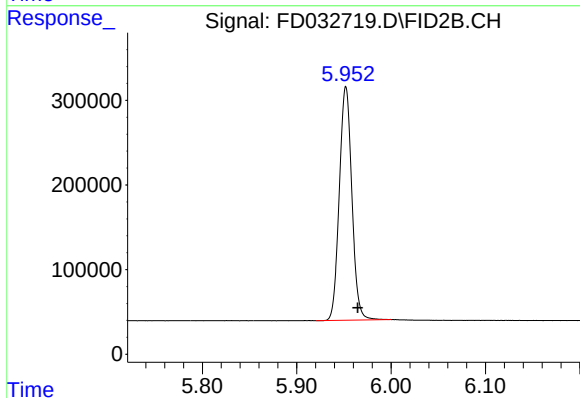
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





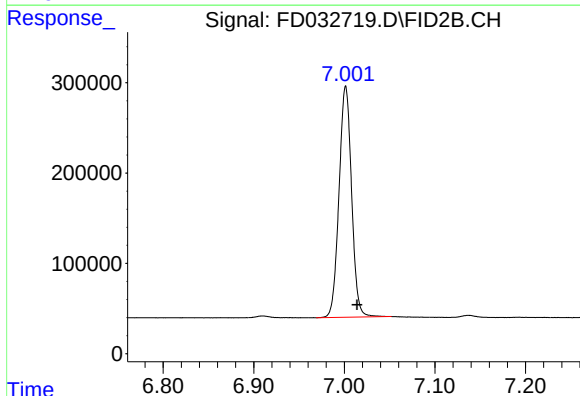
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: -0.013 min
Response: 2481668
Conc: 18.66 ug/ml



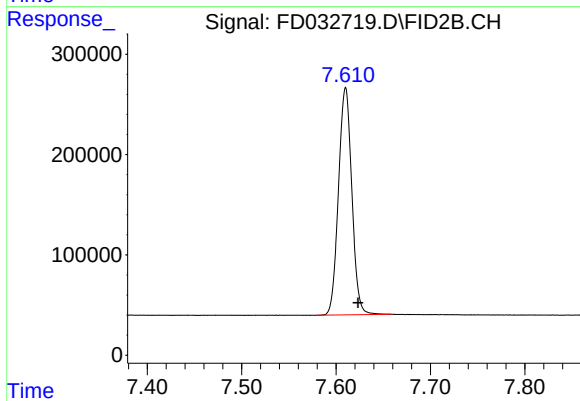
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.013 min
Response: 2547808
Conc: 17.93 ug/ml



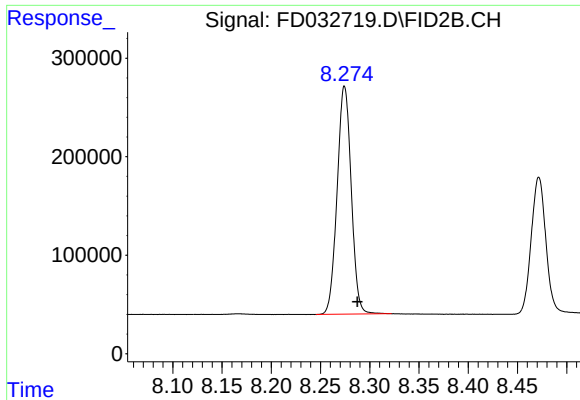
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 2464300
Conc: 17.36 ug/ml



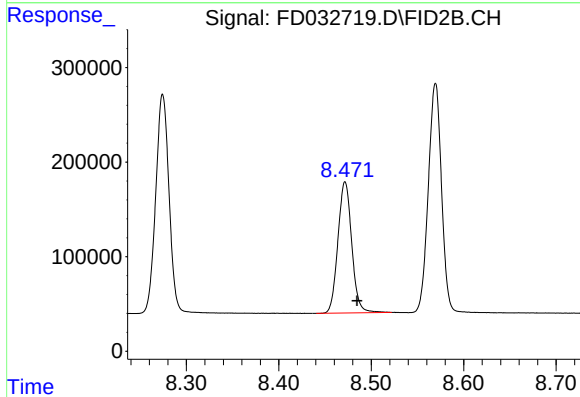
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.013 min
Response: 2227132
Conc: 17.23 ug/ml



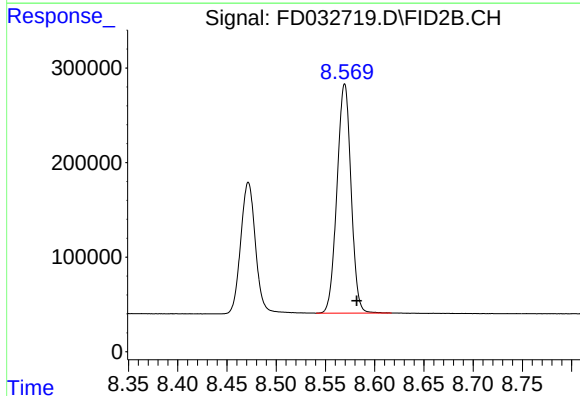
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.013 min
Response: 2308717
Conc: 16.88 ug/ml



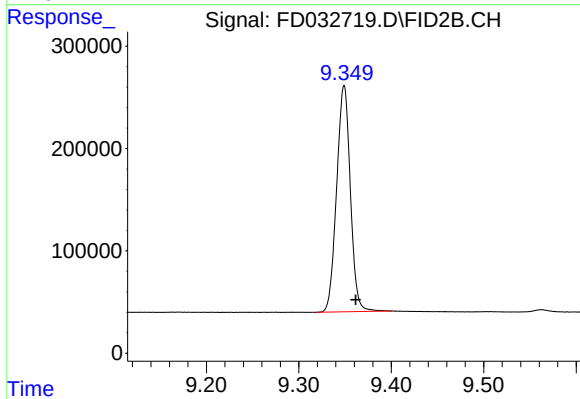
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.013 min
Response: 1441695
Conc: 16.33 ug/ml



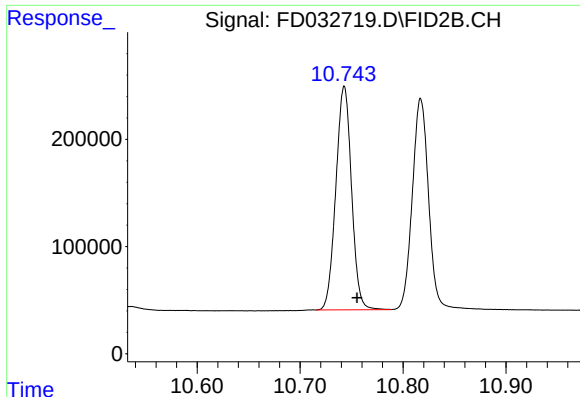
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 2406895
Conc: 17.05 ug/ml



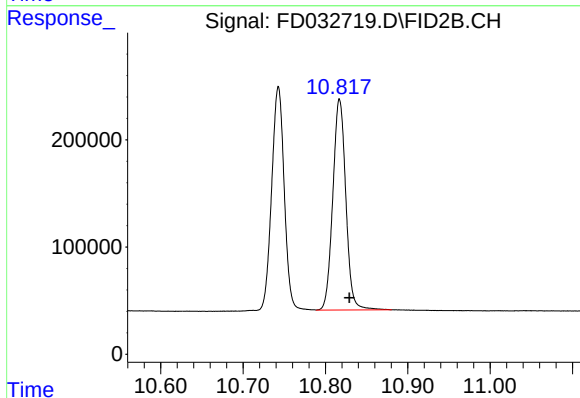
#8 Flouorene (C16.55)

R.T.: 9.349 min
Delta R.T.: -0.013 min
Response: 2282301
Conc: 16.28 ug/ml



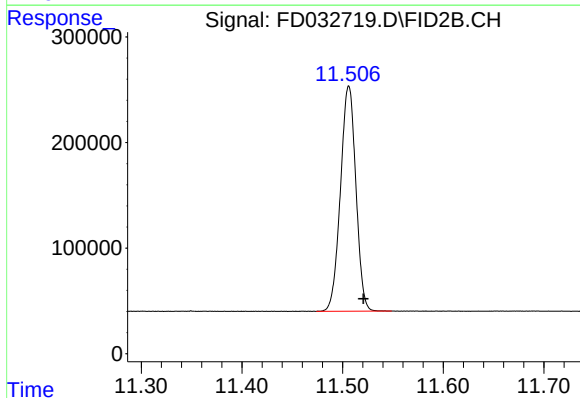
#9 Phenanthrene (C19.36)

R.T.: 10.743 min
Delta R.T.: -0.012 min
Response: 2207226
Conc: 15.79 ug/ml



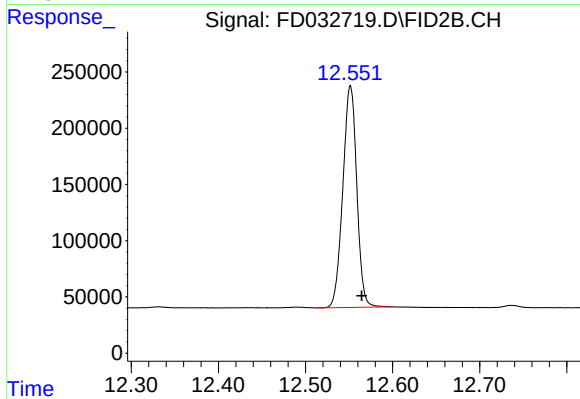
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: -0.012 min
Response: 2159923
Conc: 15.43 ug/ml



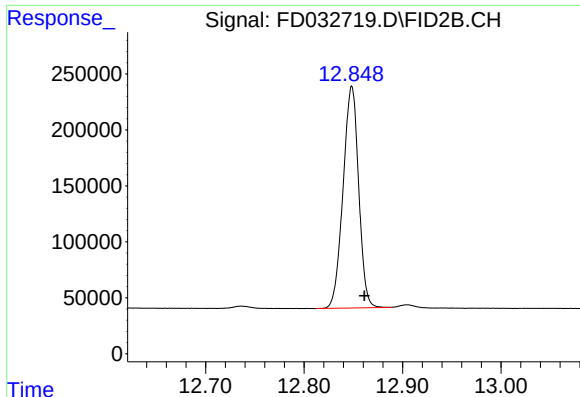
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.014 min
Response: 2273848
Conc: 16.40 ug/ml



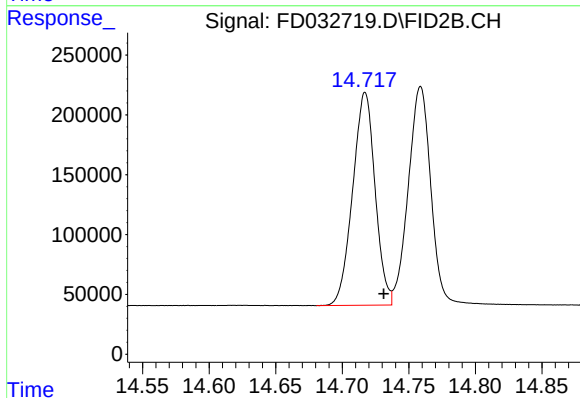
#12 Fluoranthene (C21.85)

R.T.: 12.552 min
Delta R.T.: -0.013 min
Response: 2193196
Conc: 15.64 ug/ml



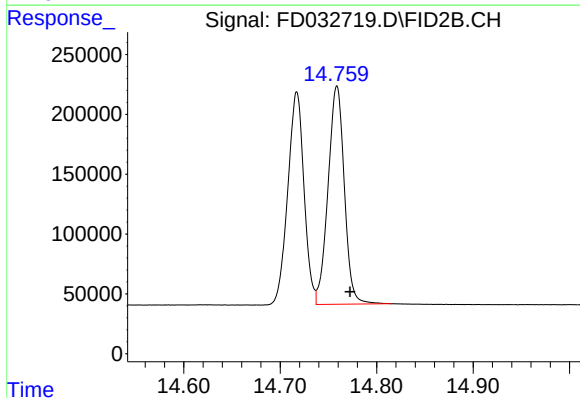
#13 Pyrene (C20.8)

R.T.: 12.848 min
Delta R.T.: -0.013 min
Response: 2179169
Conc: 15.85 ug/ml



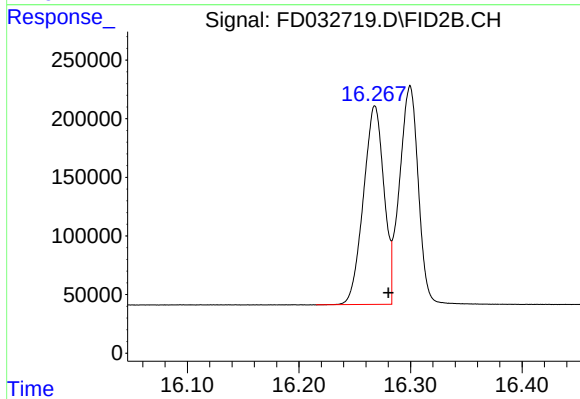
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.717 min
Delta R.T.: -0.014 min
Response: 2083618
Conc: 15.97 ug/ml



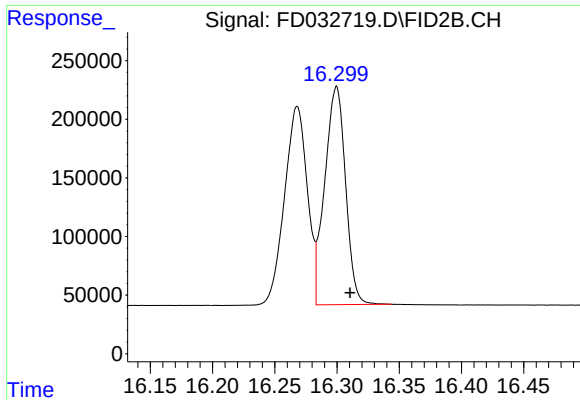
#15 Chrysene (C27.41)

R.T.: 14.759 min
Delta R.T.: -0.014 min
Response: 2147588
Conc: 15.95 ug/ml



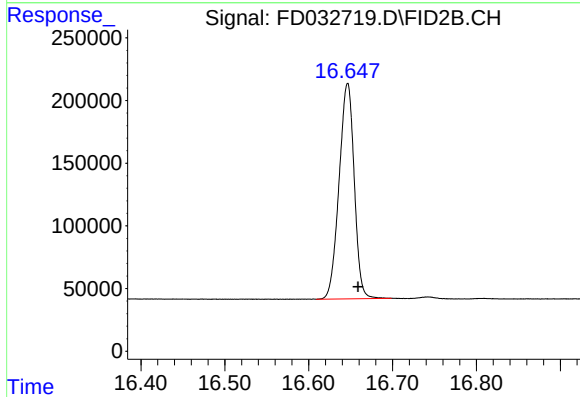
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.268 min
Delta R.T.: -0.012 min
Response: 2163181
Conc: 16.86 ug/ml



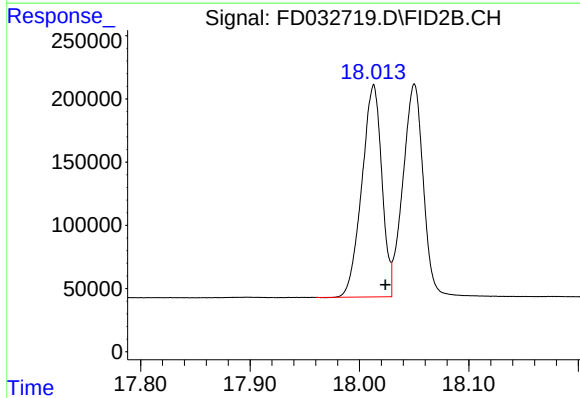
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: -0.011 min
Response: 2167995
Conc: 16.51 ug/ml



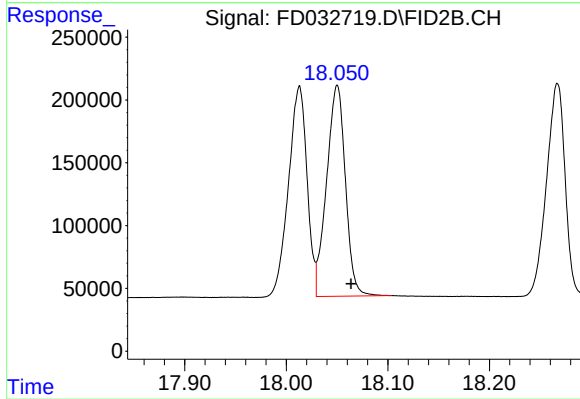
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: -0.012 min
Response: 2156602
Conc: 16.93 ug/ml



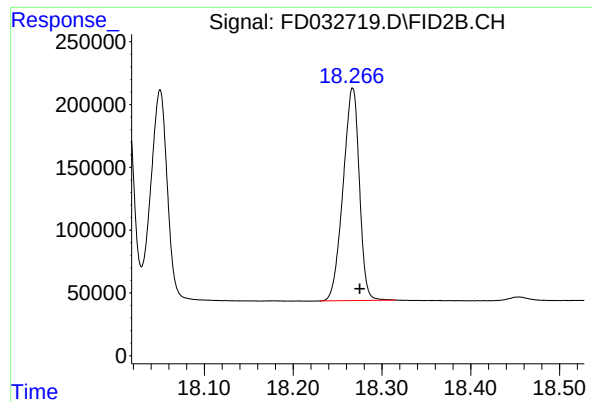
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: -0.011 min
Response: 2125403
Conc: 17.84 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.014 min
Response: 2163381
Conc: 17.11 ug/ml



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

R.T.: 18.267 min
Delta R.T.: -0.008 min
Response: 2155750
Conc: 18.24 ug/ml