

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031227.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 18:01
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:29:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.539	1948385	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
6) S 2-Fluorobiphenyl (SURR)	8.401	1263879	19.919 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.84%
11) S ortho-Terphenyl (SURR)	11.429	2118801	19.332 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	2086854	21.037 ug/ml
2) T Naphthalene (C11.7)	5.881	2128371	21.021 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	2105842	20.538 ug/ml
5) T Acenaphthylene (C15.06)	8.201	2041049	19.772 ug/ml
7) T Acenaphthene (C15.5)	8.495	2173367	19.911 ug/ml
8) T Flouorene (C16.55)	9.276	2054094	19.815 ug/ml
9) T Phenanthrene (C19.36)	10.668	2046425	19.589 ug/ml
10) T Anthracene (C19.43)	10.744	1843063	17.565 ug/ml
12) T Fluoranthene (C21.85)	12.476	2074400	19.527 ug/ml
13) T Pyrene (C20.8)	12.772	2010910	18.978 ug/ml
14) T Benzo[a]anthracene (C...	14.641	1893744	19.712 ug/ml
15) T Chrysene (C27.41)	14.683	2131532	19.389 ug/ml
16) T benzo[b]fluoranthene ...	16.221	2131793	21.977 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	2131793	19.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	1958624	19.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	2185253	24.177 ug/ml
20) T Dibenz[a,h]anthracene...	17.970	2185253	21.287 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	2015798	21.147 ug/ml

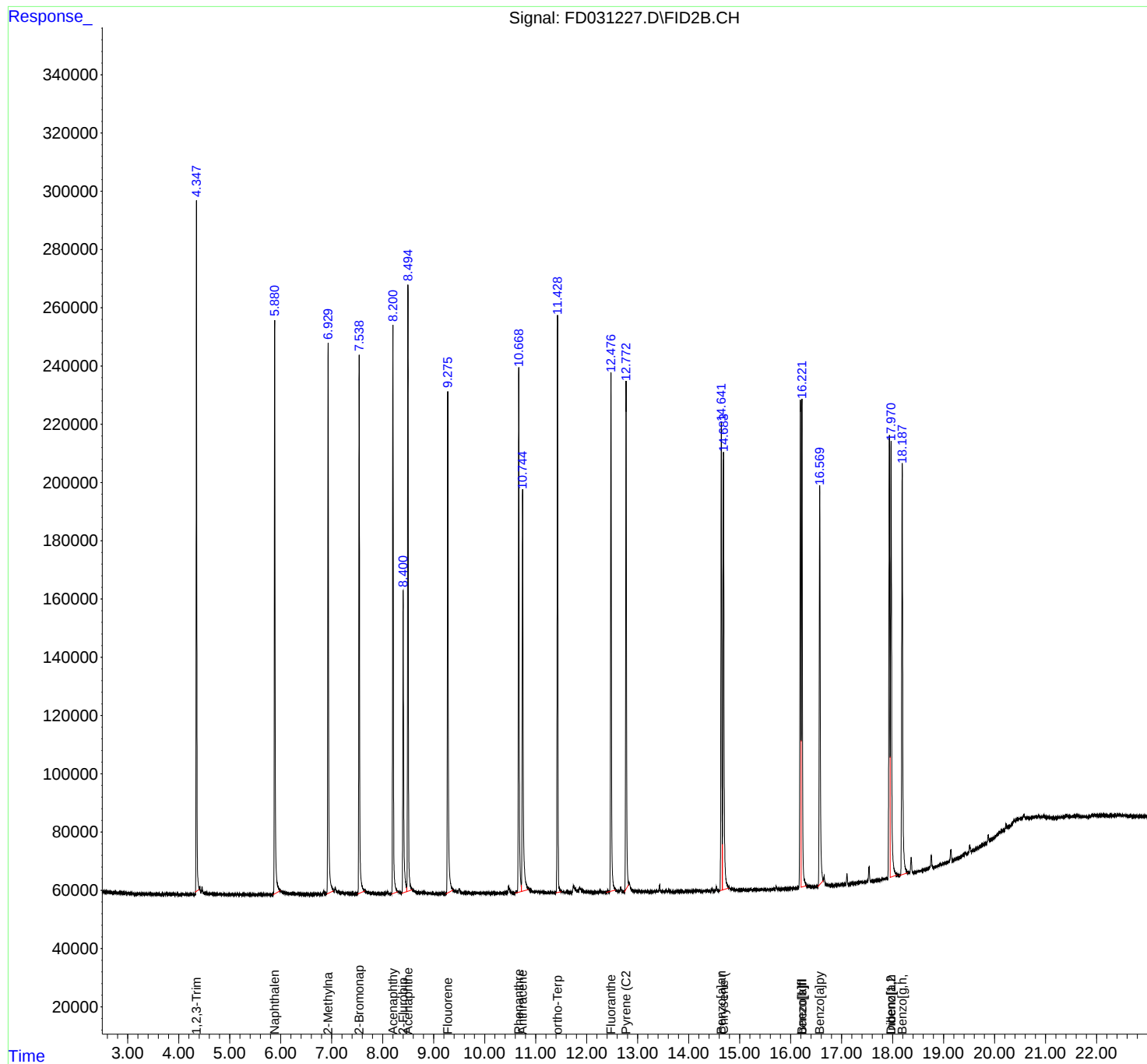
(f)=RT Delta > 1/2 Window

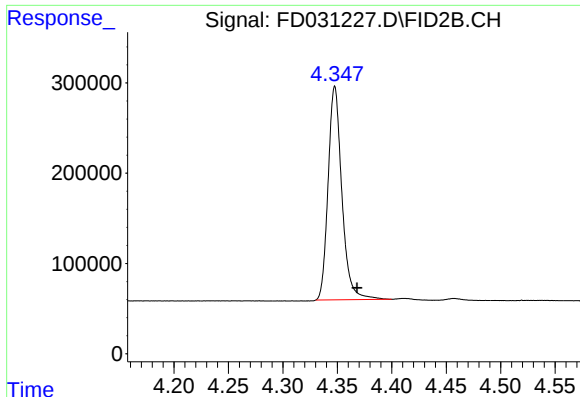
(m)=manual int.

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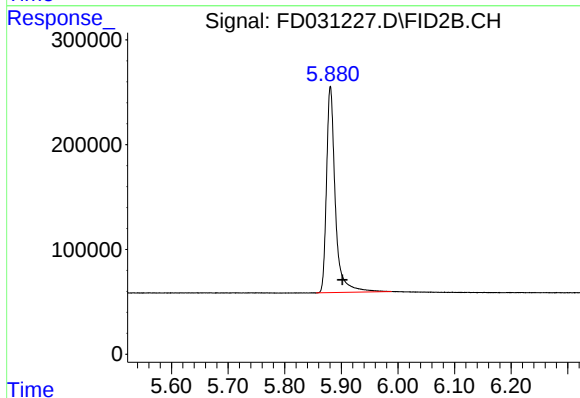
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Signal Info : 20M x 0.18mm x 0.18µm





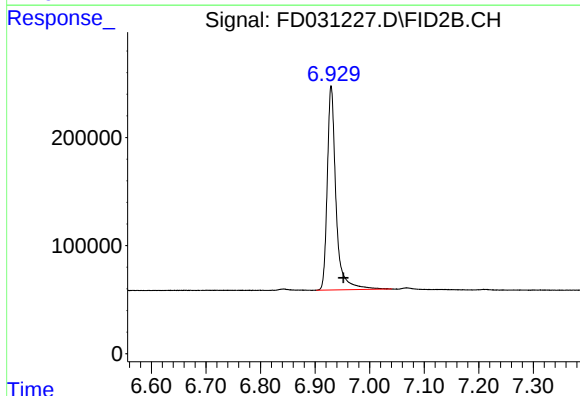
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.348 min
Delta R.T.: -0.020 min
Response: 2086854
Conc: 21.04 ug/ml



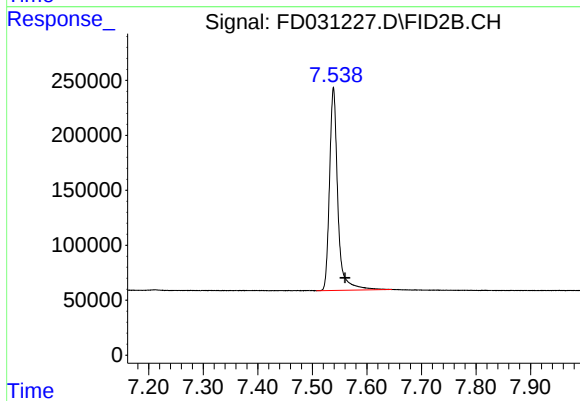
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: -0.021 min
Response: 2128371
Conc: 21.02 ug/ml



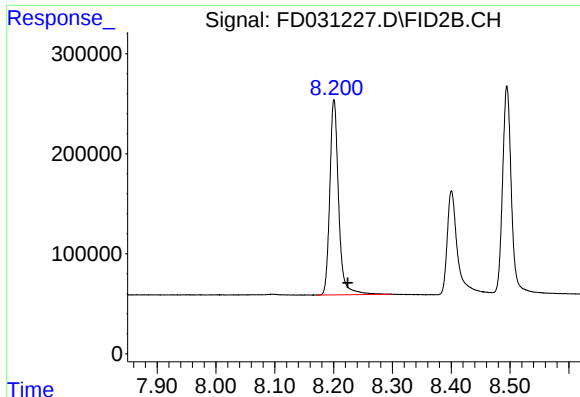
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: -0.022 min
Response: 2105842
Conc: 20.54 ug/ml



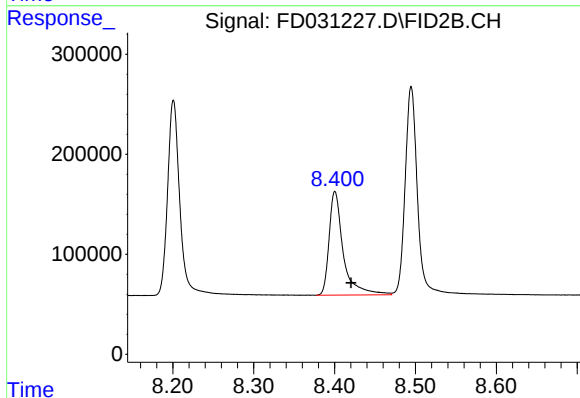
#4 2-Bromonaphthalene (SURR)

R.T.: 7.539 min
Delta R.T.: -0.021 min
Response: 1948385
Conc: 20.38 ug/ml



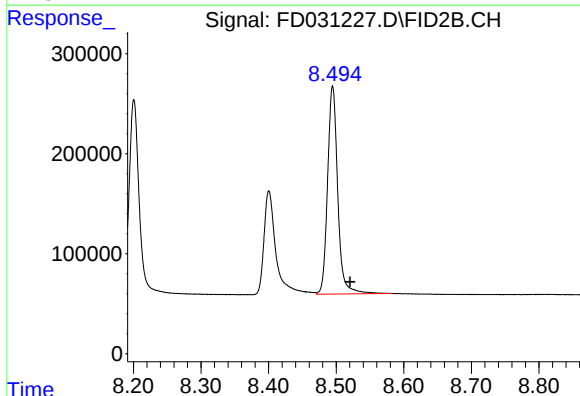
#5 Acenaphthylene (C15.06)

R.T.: 8.201 min
Delta R.T.: -0.023 min
Response: 2041049
Conc: 19.77 ug/ml



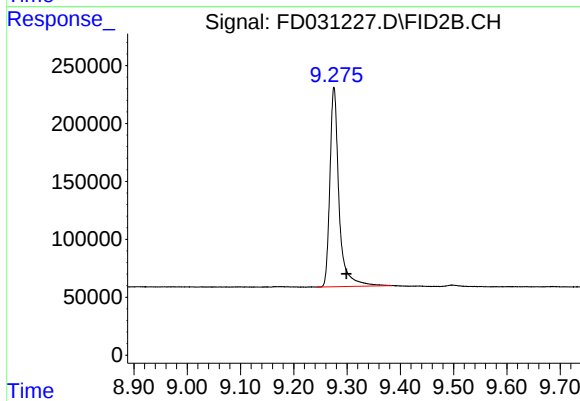
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.020 min
Response: 1263879
Conc: 19.92 ug/ml



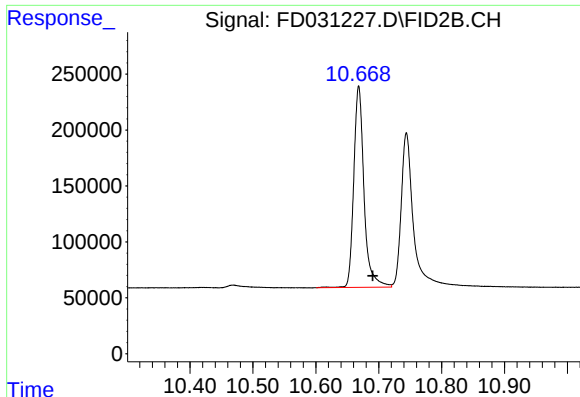
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: -0.026 min
Response: 2173367
Conc: 19.91 ug/ml



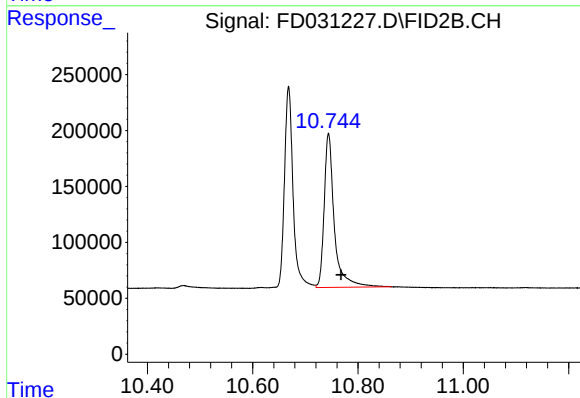
#8 Flouorene (C16.55)

R.T.: 9.276 min
Delta R.T.: -0.023 min
Response: 2054094
Conc: 19.82 ug/ml



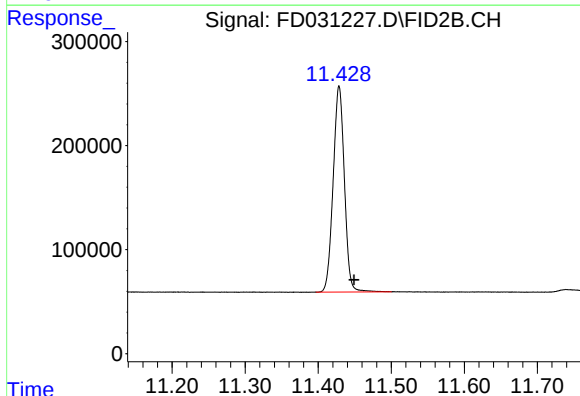
#9 Phenanthrene (C19.36)

R.T.: 10.668 min
Delta R.T.: -0.022 min
Response: 2046425
Conc: 19.59 ug/ml



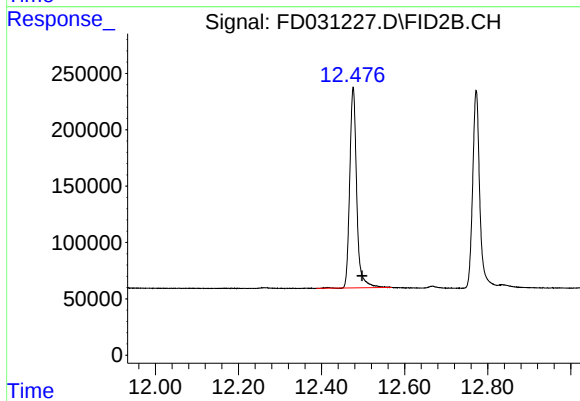
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: -0.023 min
Response: 1843063
Conc: 17.56 ug/ml



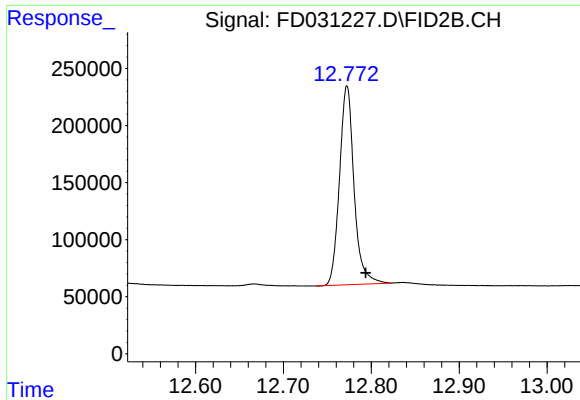
#11 ortho-Terphenyl (SURR)

R.T.: 11.429 min
Delta R.T.: -0.021 min
Response: 2118801
Conc: 19.33 ug/ml



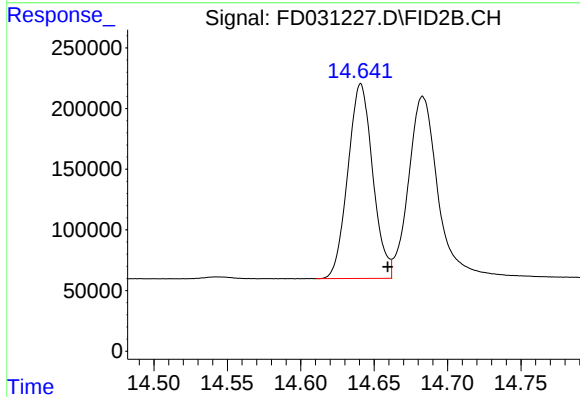
#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: -0.021 min
Response: 2074400
Conc: 19.53 ug/ml



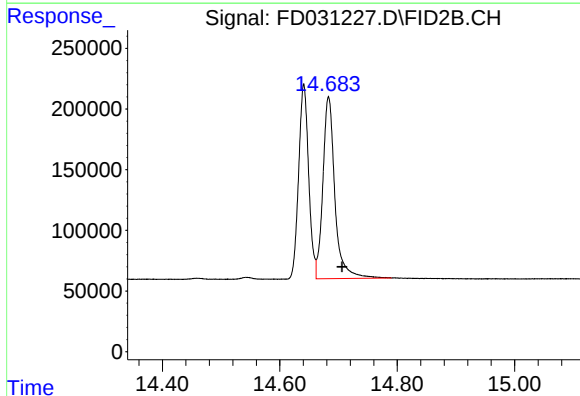
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: -0.021 min
Response: 2010910
Conc: 18.98 ug/ml



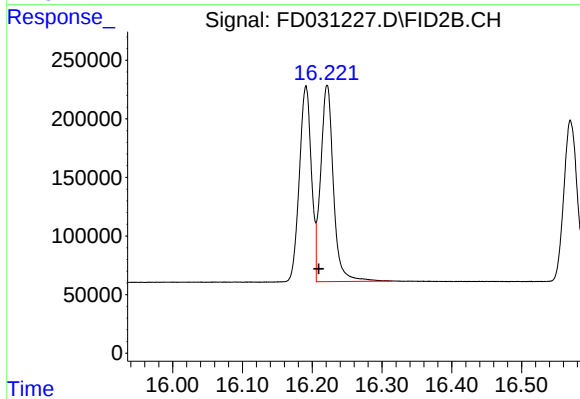
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: -0.018 min
Response: 1893744
Conc: 19.71 ug/ml



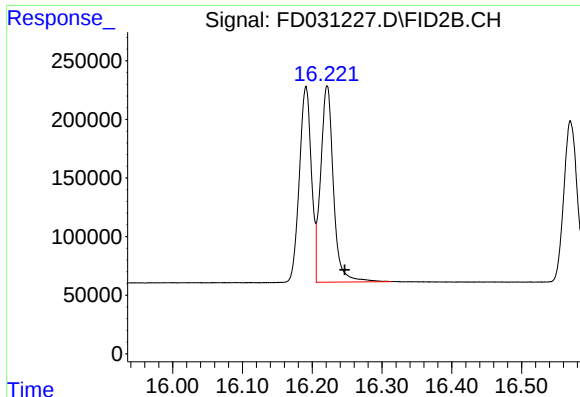
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.023 min
Response: 2131532
Conc: 19.39 ug/ml



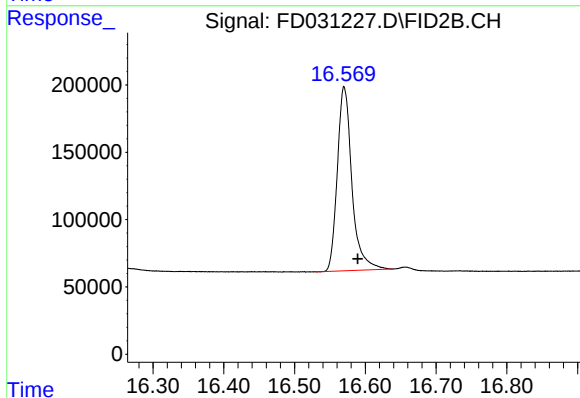
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.221 min
Delta R.T.: 0.012 min
Response: 2131793
Conc: 21.98 ug/ml



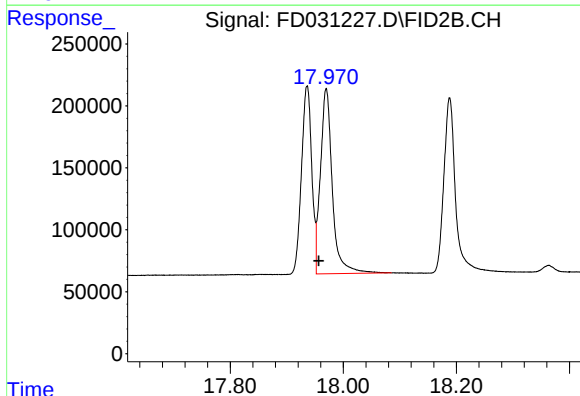
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: -0.025 min
Response: 2131793
Conc: 19.58 ug/ml



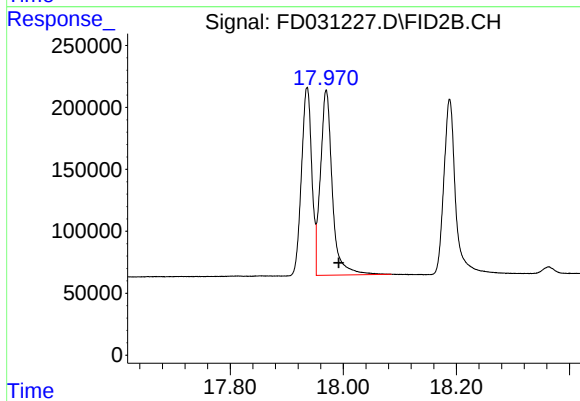
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.019 min
Response: 1958624
Conc: 19.96 ug/ml



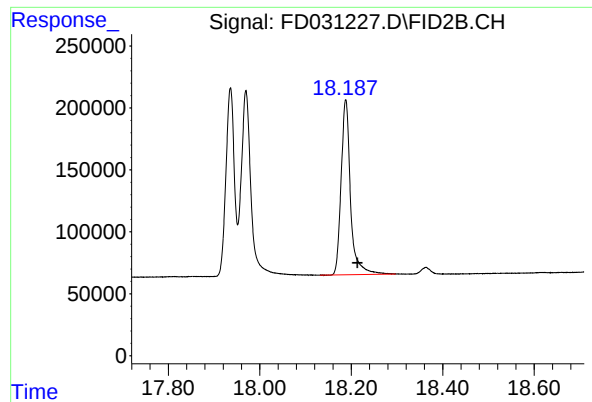
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.970 min
Delta R.T.: 0.013 min
Response: 2185253
Conc: 24.18 ug/ml



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

R.T.: 17.970 min
Delta R.T.: -0.022 min
Response: 2185253
Conc: 21.29 ug/ml



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

R.T.: 18.188 min
Delta R.T.: -0.026 min
Response: 2015798
Conc: 21.15 ug/ml