

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122019AR\
 Data File : FD031849.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2019 9:00
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:15:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.640	2692481	21.768 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
6) S 2-Fluorobiphenyl (SURR)	8.501	1839240	21.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.13%
11) S ortho-Terphenyl (SURR)	11.537	2801827	21.177 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.444	2806408	22.207 ug/ml
2) T Naphthalene (C11.7)	5.981	2981228	22.108 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	2941416	21.856 ug/ml
5) T Acenaphthylene (C15.06)	8.305	2783642	21.355 ug/ml
7) T Acenaphthene (C15.5)	8.599	2924524	21.641 ug/ml
8) T Flouorene (C16.55)	9.379	2883276	21.436 ug/ml
9) T Phenanthrene (C19.36)	10.772	2829442	20.978 ug/ml
10) T Anthracene (C19.43)	10.846	2520891	18.898 ug/ml
12) T Fluoranthene (C21.85)	12.581	2801468	20.706 ug/ml
13) T Pyrene (C20.8)	12.878	2765054	20.630 ug/ml
14) T Benzo[a]anthracene (C...	14.787	2608465	20.475 ug/ml
15) T Chrysene (C27.41)	14.787	2608465	20.445 ug/ml
16) T benzo[b]fluoranthene ...	16.324	2529296	20.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2529296	20.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2509948	20.941 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	2512253	21.853 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	2512253	22.256 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	2488067	21.957 ug/ml

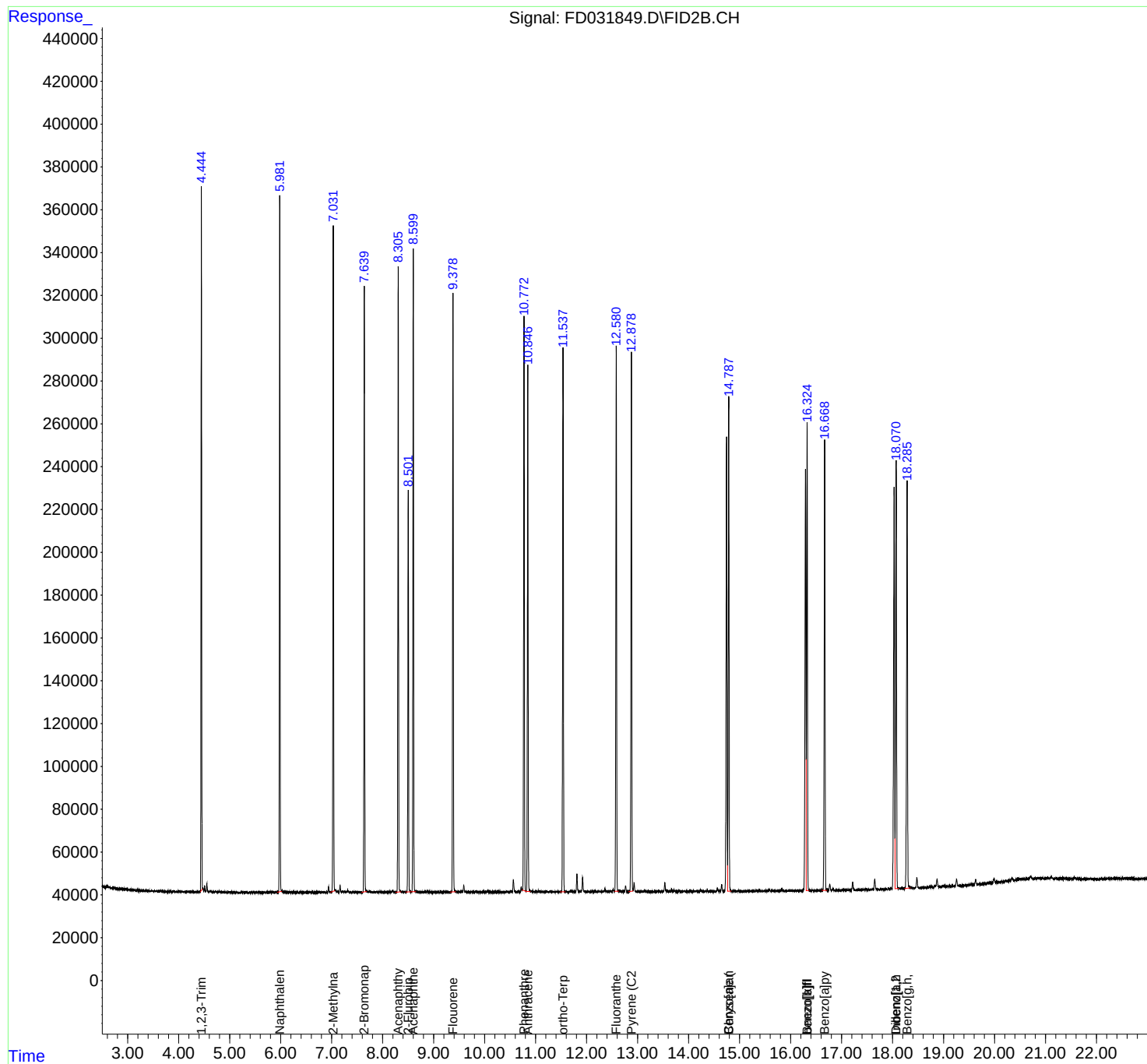
(f)=RT Delta > 1/2 Window

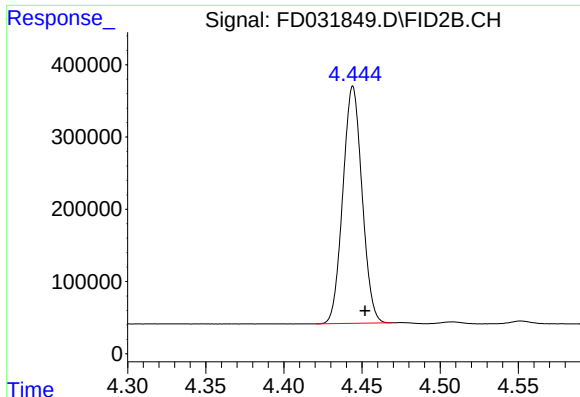
(m)=manual int.

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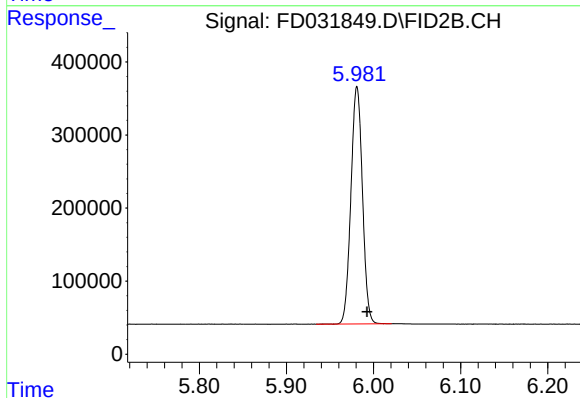
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Signal Info : 20M x 0.18mm x 0.18µm





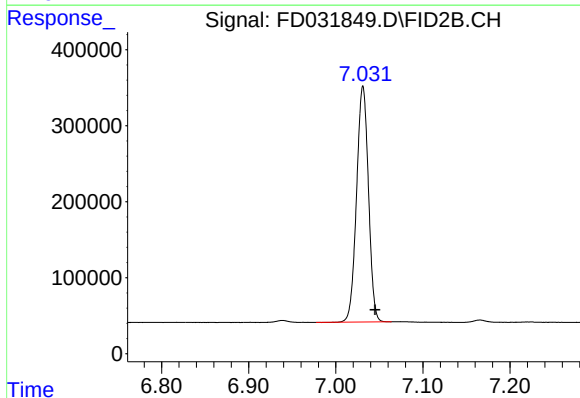
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min
Delta R.T.: -0.008 min
Response: 2806408
Conc: 22.21 ug/ml



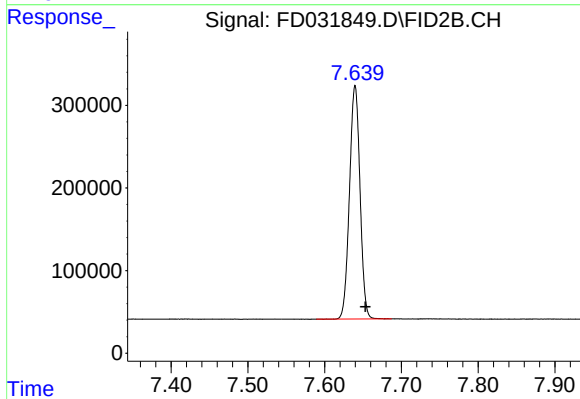
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.012 min
Response: 2981228
Conc: 22.11 ug/ml



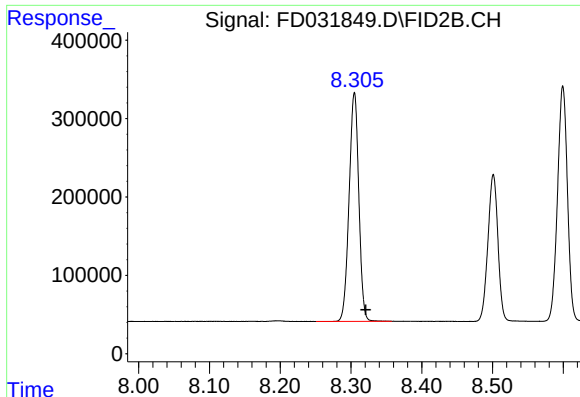
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.014 min
Response: 2941416
Conc: 21.86 ug/ml



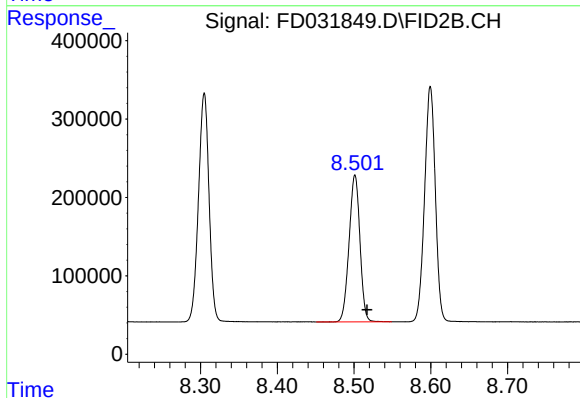
#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min
Delta R.T.: -0.013 min
Response: 2692481
Conc: 21.77 ug/ml



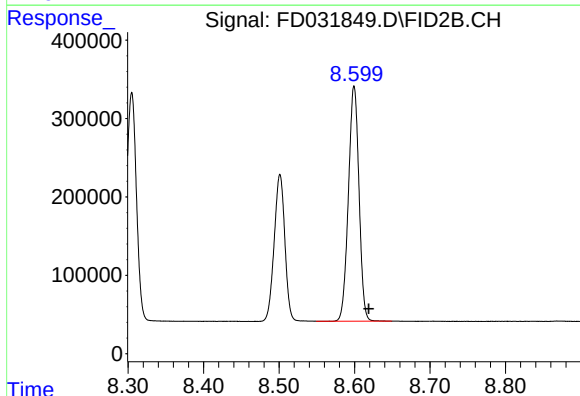
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: -0.016 min
Response: 2783642
Conc: 21.36 ug/ml



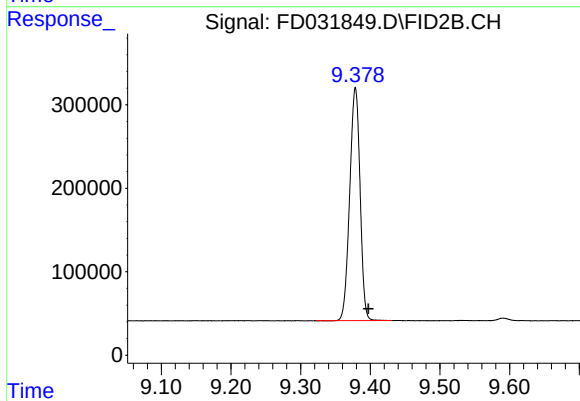
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: -0.016 min
Response: 1839240
Conc: 21.56 ug/ml



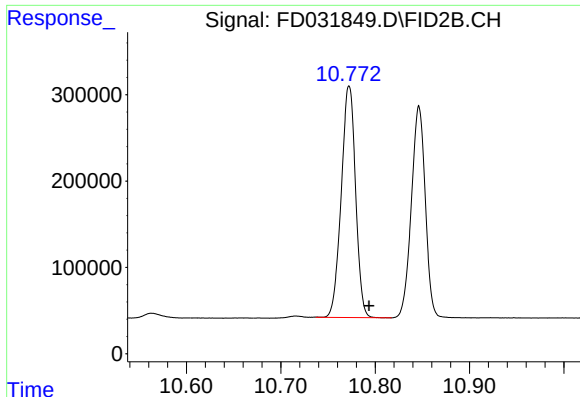
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.019 min
Response: 2924524
Conc: 21.64 ug/ml



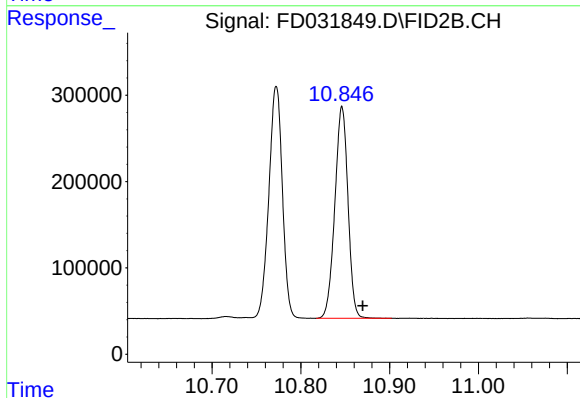
#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.018 min
Response: 2883276
Conc: 21.44 ug/ml



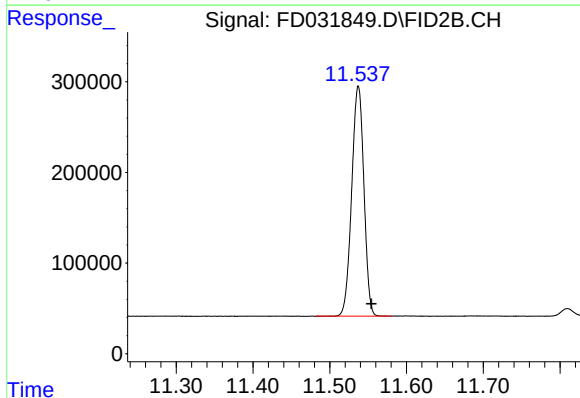
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.021 min
Response: 2829442
Conc: 20.98 ug/ml



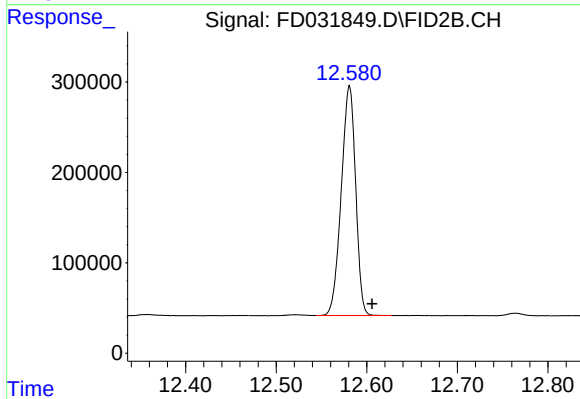
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.023 min
Response: 2520891
Conc: 18.90 ug/ml



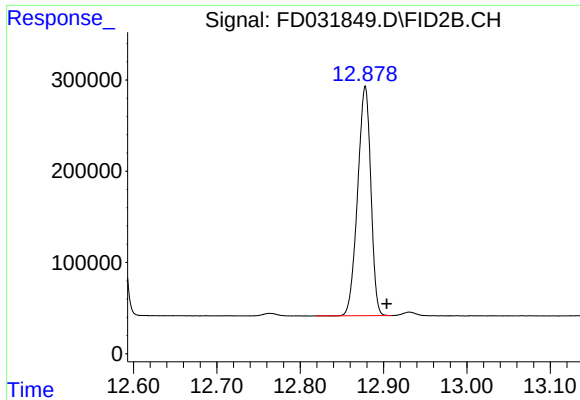
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.017 min
Response: 2801827
Conc: 21.18 ug/ml



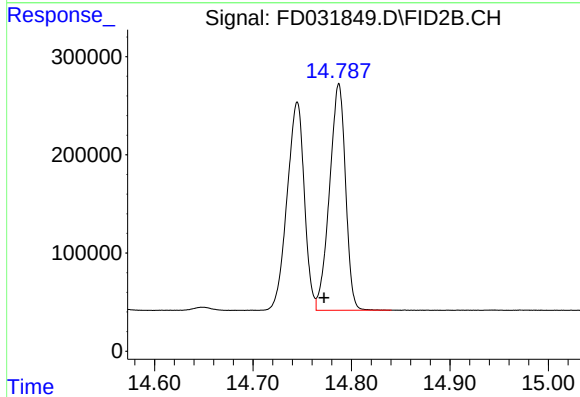
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.025 min
Response: 2801468
Conc: 20.71 ug/ml



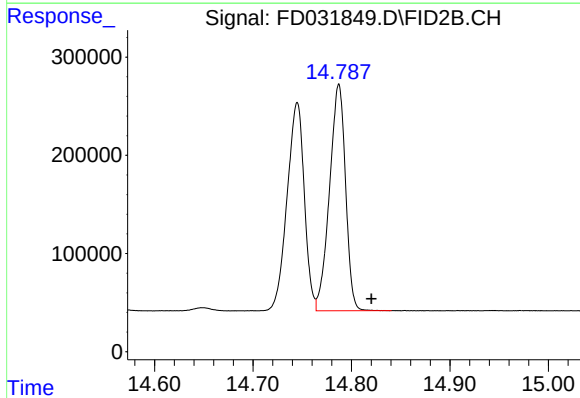
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.026 min
Response: 2765054
Conc: 20.63 ug/ml



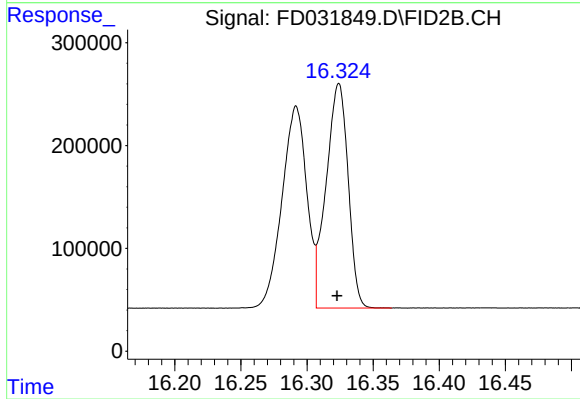
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.015 min
Response: 2608465
Conc: 20.48 ug/ml



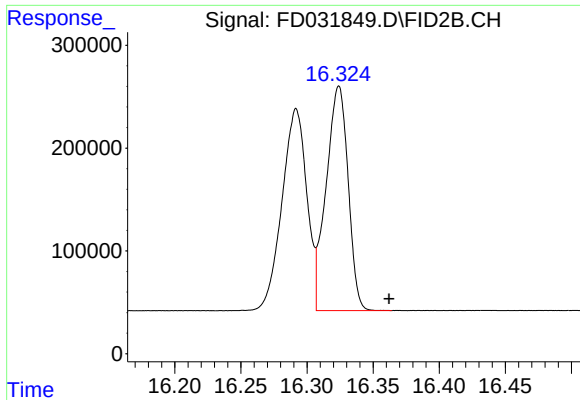
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.033 min
Response: 2608465
Conc: 20.44 ug/ml



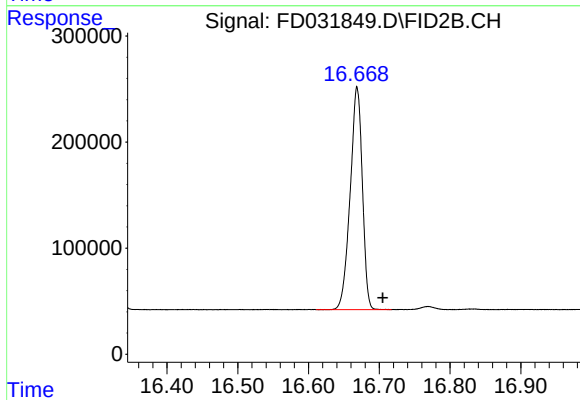
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.324 min
Delta R.T.: 0.001 min
Response: 2529296
Conc: 20.53 ug/ml



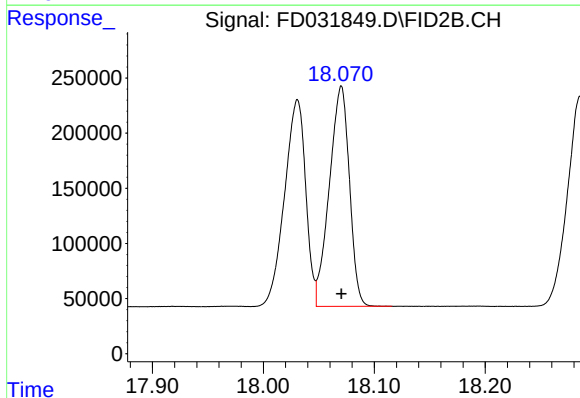
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.038 min
Response: 2529296
Conc: 20.80 ug/ml



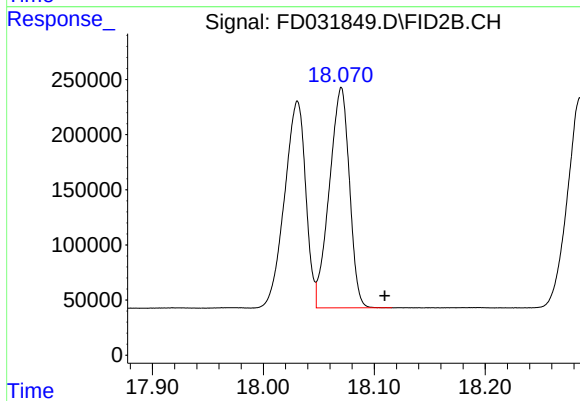
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.036 min
Response: 2509948
Conc: 20.94 ug/ml



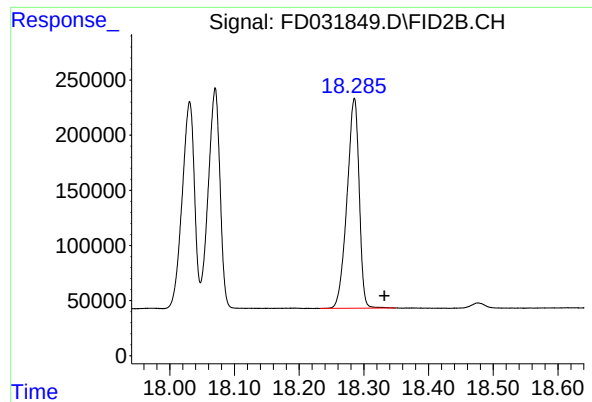
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2512253
Conc: 21.85 ug/ml



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

R.T.: 18.070 min
Delta R.T.: -0.039 min
Response: 2512253
Conc: 22.26 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.046 min
Response: 2488067
Conc: 21.96 ug/ml