

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011620AR\
 Data File : FD032019.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jan 2020 9:59
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 14:13:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.632	2488753	22.139 ug/ml
Spiked Amount 50.000		Recovery =	44.28%
6) S 2-Fluorobiphenyl (SURR)	8.494	1712562	21.972 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.94%
11) S ortho-Terphenyl (SURR)	11.532	2638753	21.260 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	2607470	23.022 ug/ml
2) T Naphthalene (C11.7)	5.973	2755504	22.654 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	2728461	22.277 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2584557	21.593 ug/ml
7) T Acenaphthene (C15.5)	8.592	2718670	21.985 ug/ml
8) T Fluorene (C16.55)	9.371	2697151	21.595 ug/ml
9) T Phenanthrene (C19.36)	10.765	2680049	21.228 ug/ml
10) T Anthracene (C19.43)	10.840	2452409	19.588 ug/ml
12) T Fluoranthene (C21.85)	12.575	2702270	21.113 ug/ml
13) T Pyrene (C20.8)	12.872	2686579	21.346 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2518569	20.625 ug/ml
15) T Chrysene (C27.41)	14.782	2545643	20.686 ug/ml
16) T benzo[b]fluoranthene ...	16.288	2515734	20.834 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	2504416	20.700 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2457717	20.572 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2430588	21.156 ug/ml
20) T Dibenz[a,h]anthracene...	18.069	2532540	21.657 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	2407792	21.132 ug/ml

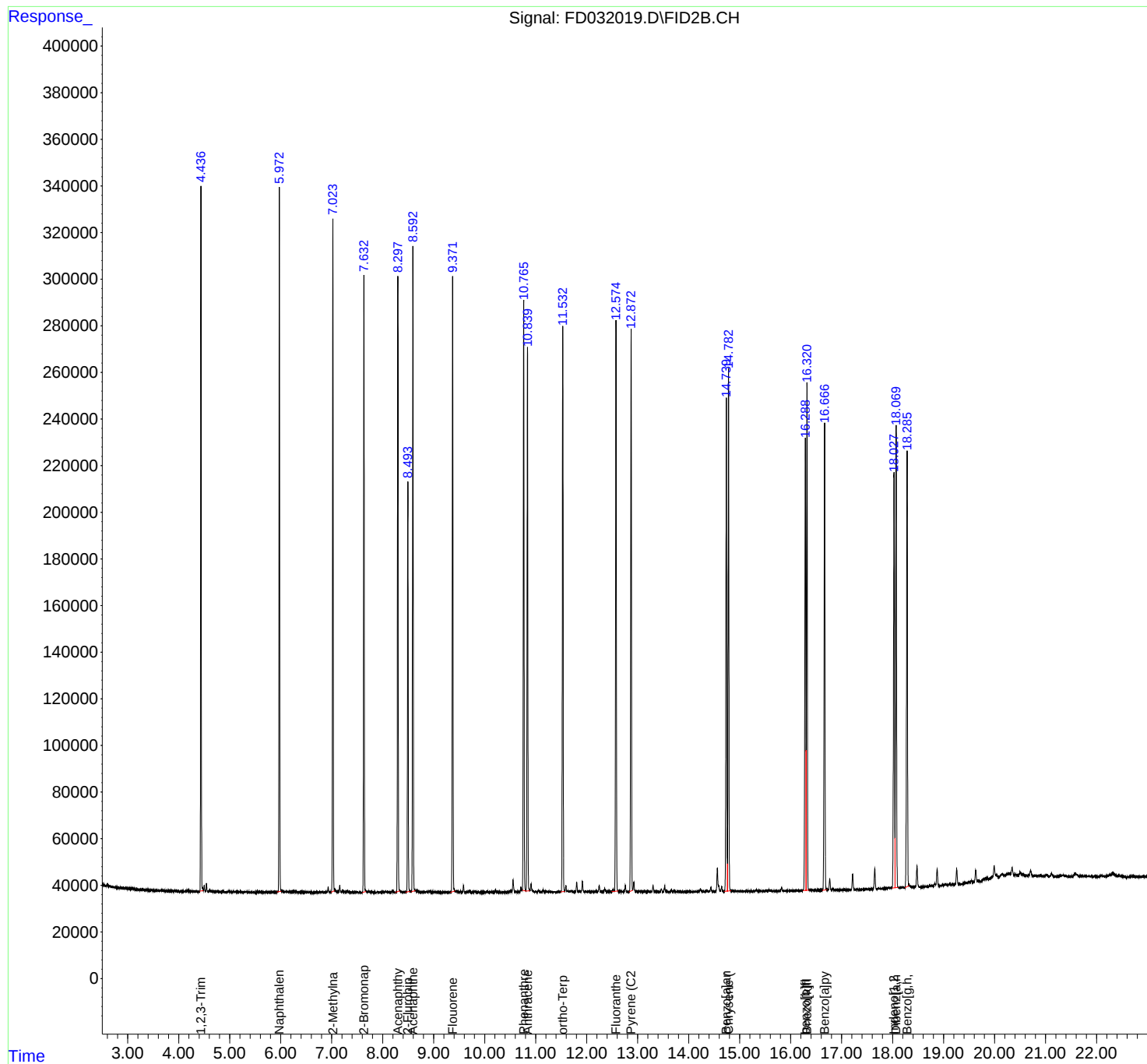
(f)=RT Delta > 1/2 Window

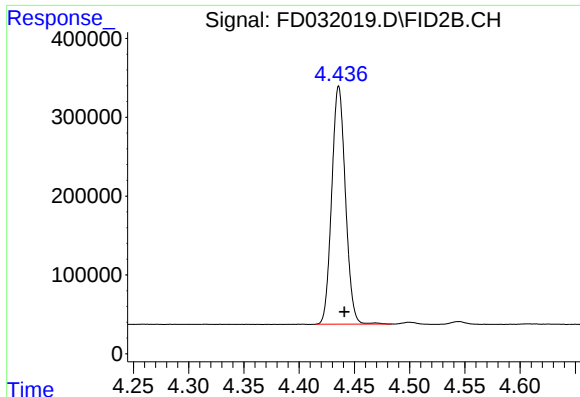
(m)=manual int.

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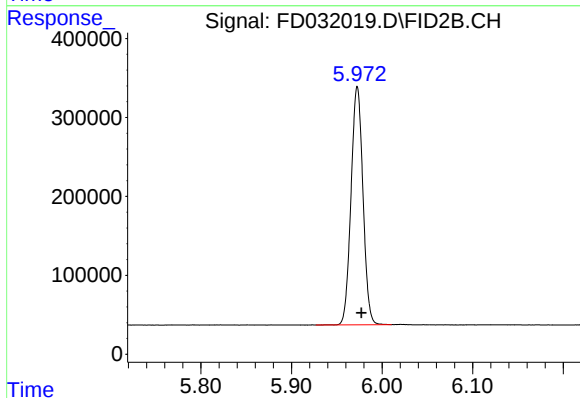
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





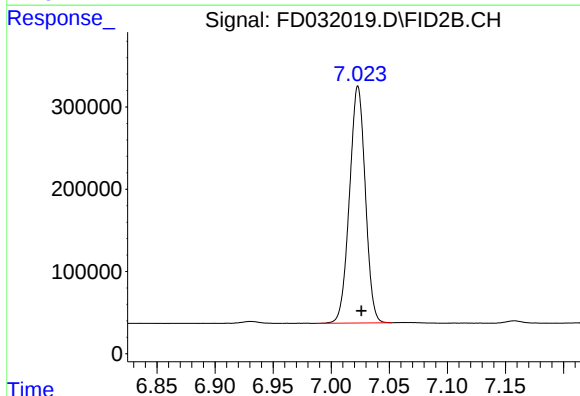
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 2607470
Conc: 23.02 ug/ml



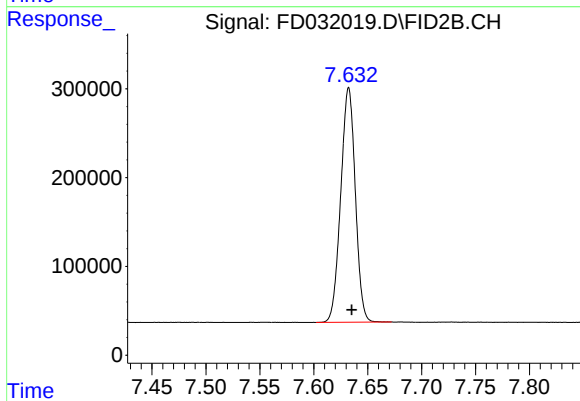
#2 Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 2755504
Conc: 22.65 ug/ml



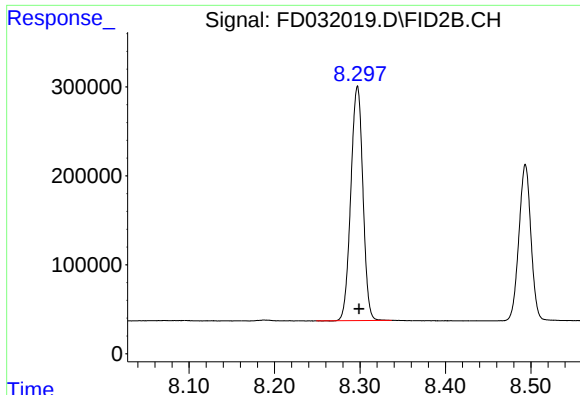
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.003 min
Response: 2728461
Conc: 22.28 ug/ml



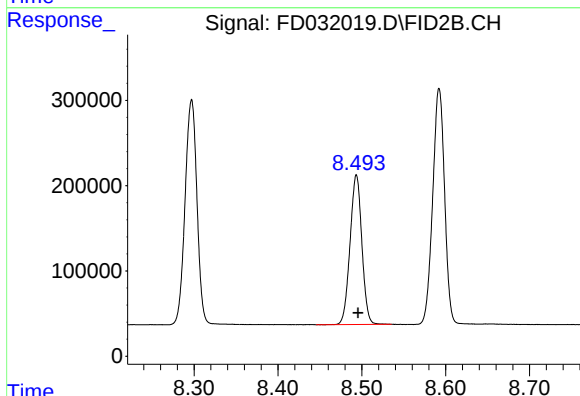
#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 2488753
Conc: 22.14 ug/ml



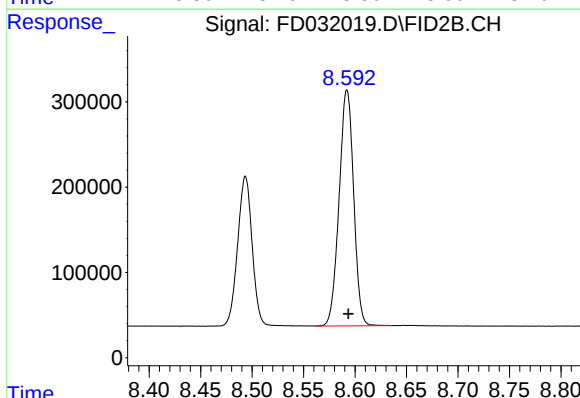
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 2584557
Conc: 21.59 ug/ml



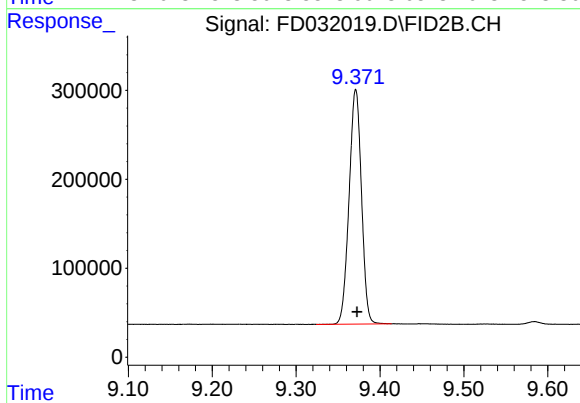
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 1712562
Conc: 21.97 ug/ml



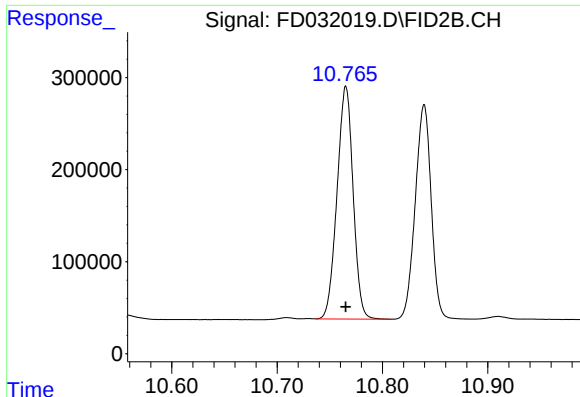
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.001 min
Response: 2718670
Conc: 21.98 ug/ml



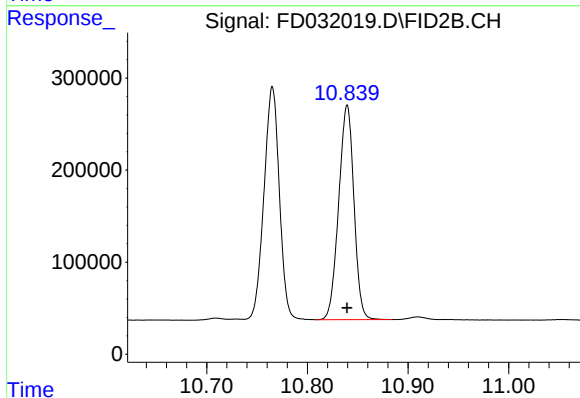
#8 Flouorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 2697151
Conc: 21.59 ug/ml



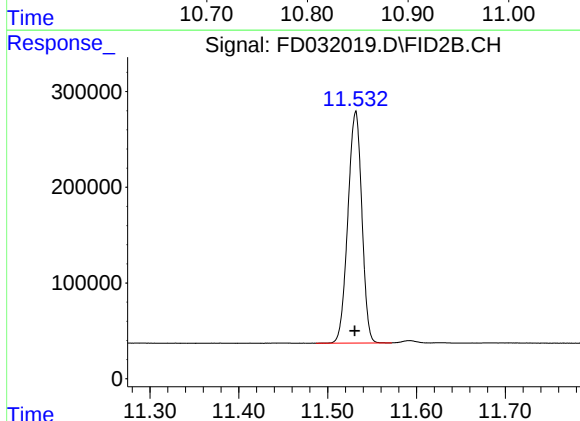
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: 0.000 min
Response: 2680049
Conc: 21.23 ug/ml



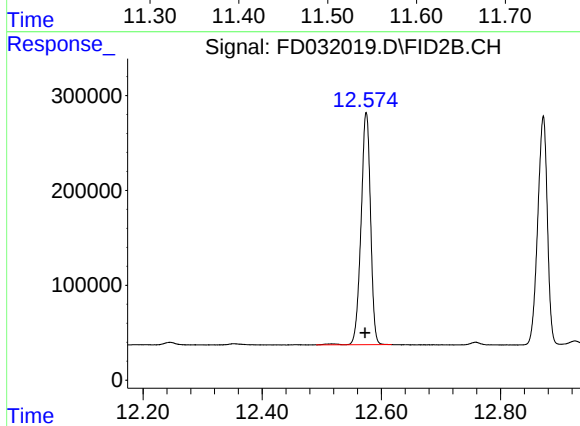
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 2452409
Conc: 19.59 ug/ml



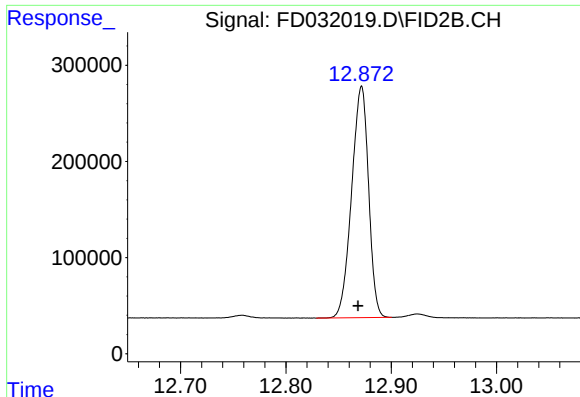
#11 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: 0.001 min
Response: 2638753
Conc: 21.26 ug/ml



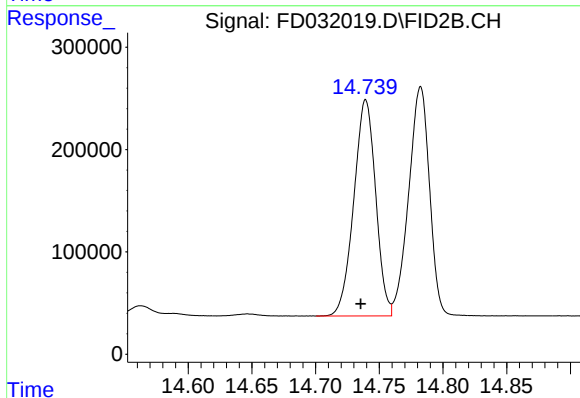
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: 0.002 min
Response: 2702270
Conc: 21.11 ug/ml



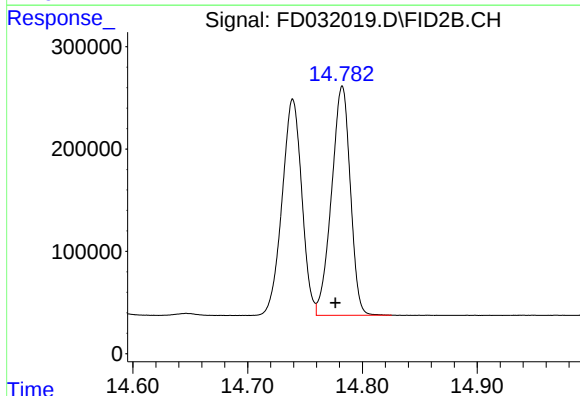
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: 0.003 min
Response: 2686579
Conc: 21.35 ug/ml



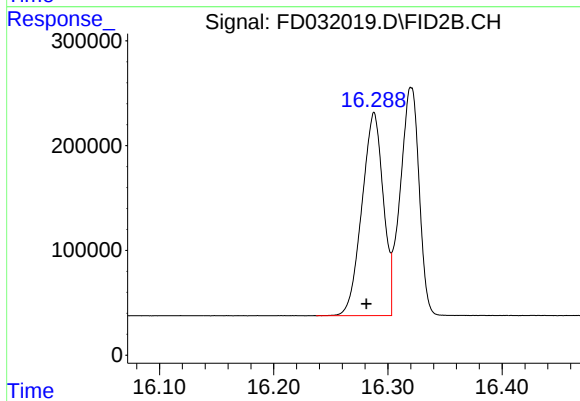
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.004 min
Response: 2518569
Conc: 20.62 ug/ml



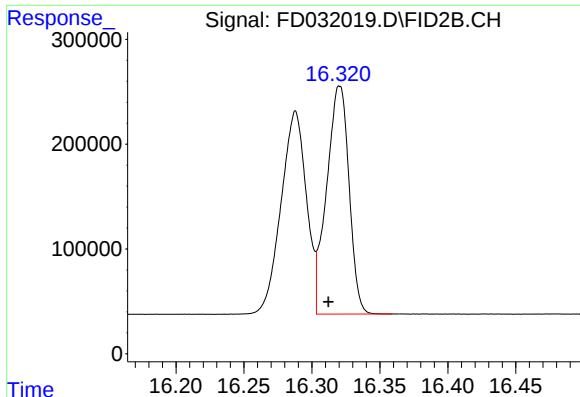
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.006 min
Response: 2545643
Conc: 20.69 ug/ml



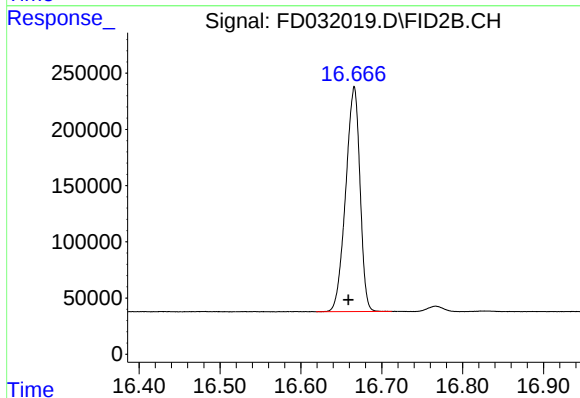
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: 0.007 min
Response: 2515734
Conc: 20.83 ug/ml



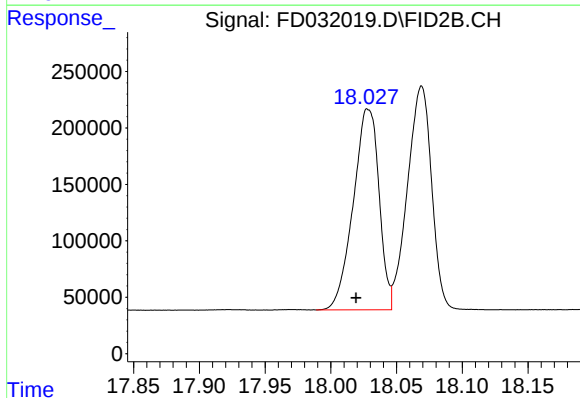
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.008 min
Response: 2504416
Conc: 20.70 ug/ml



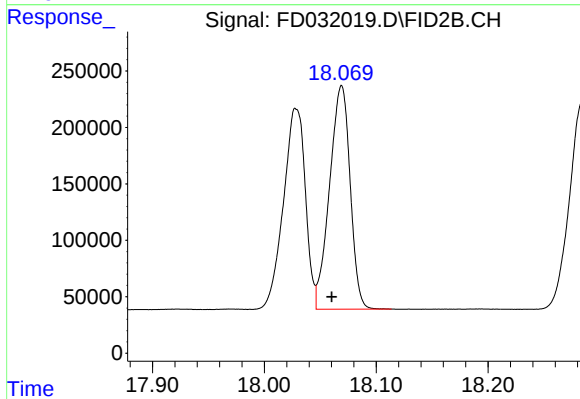
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: 0.007 min
Response: 2457717
Conc: 20.57 ug/ml



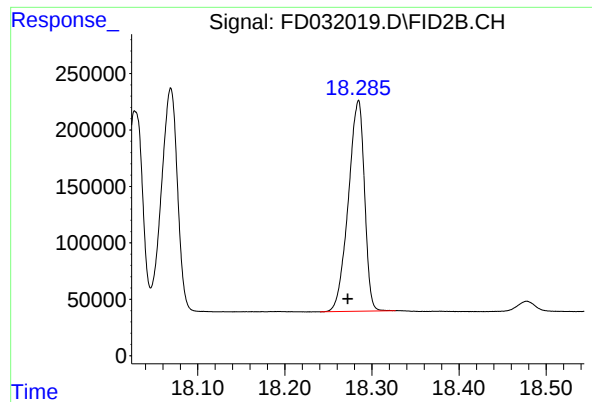
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: 0.009 min
Response: 2430588
Conc: 21.16 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.009 min
Response: 2532540
Conc: 21.66 ug/ml



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

R.T.: 18.285 min
Delta R.T.: 0.012 min
Response: 2407792
Conc: 21.13 ug/ml