

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011320AR\
 Data File : FD032000.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2020 10:51
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 14 07:58:44 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...	7.633	2510646	22.334 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
6) S 2-Fluorobiphenyl (SURR)	8.494	1726646	22.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.31%
11) S ortho-Terphenyl (SURR)	11.529	2664937	21.471 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2628443	23.208 ug/ml
2) T Naphthalene (C11.7)	5.974	2772820	22.796 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	2750135	22.454 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2625179	21.932 ug/ml
7) T Acenaphthene (C15.5)	8.593	2741758	22.171 ug/ml
8) T Fluorene (C16.55)	9.372	2720394	21.781 ug/ml
9) T Phenanthrene (C19.36)	10.765	2745666	21.748 ug/ml
10) T Anthracene (C19.43)	10.839	2556053	20.416 ug/ml
12) T Fluoranthene (C21.85)	12.572	2703402	21.122 ug/ml
13) T Pyrene (C20.8)	12.869	2672929	21.238 ug/ml
14) T Benzo[a]anthracene (C...	14.735	2520165	20.638 ug/ml
15) T Chrysene (C27.41)	14.777	2534674	20.597 ug/ml
16) T benzo[b]fluoranthene ...	16.283	2486574	20.592 ug/ml
17) T Bnezo[k]fluoranthene ...	16.314	2484954	20.539 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	2444395	20.461 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	2398948	20.880 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2448133	20.935 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2372286	20.820 ug/ml

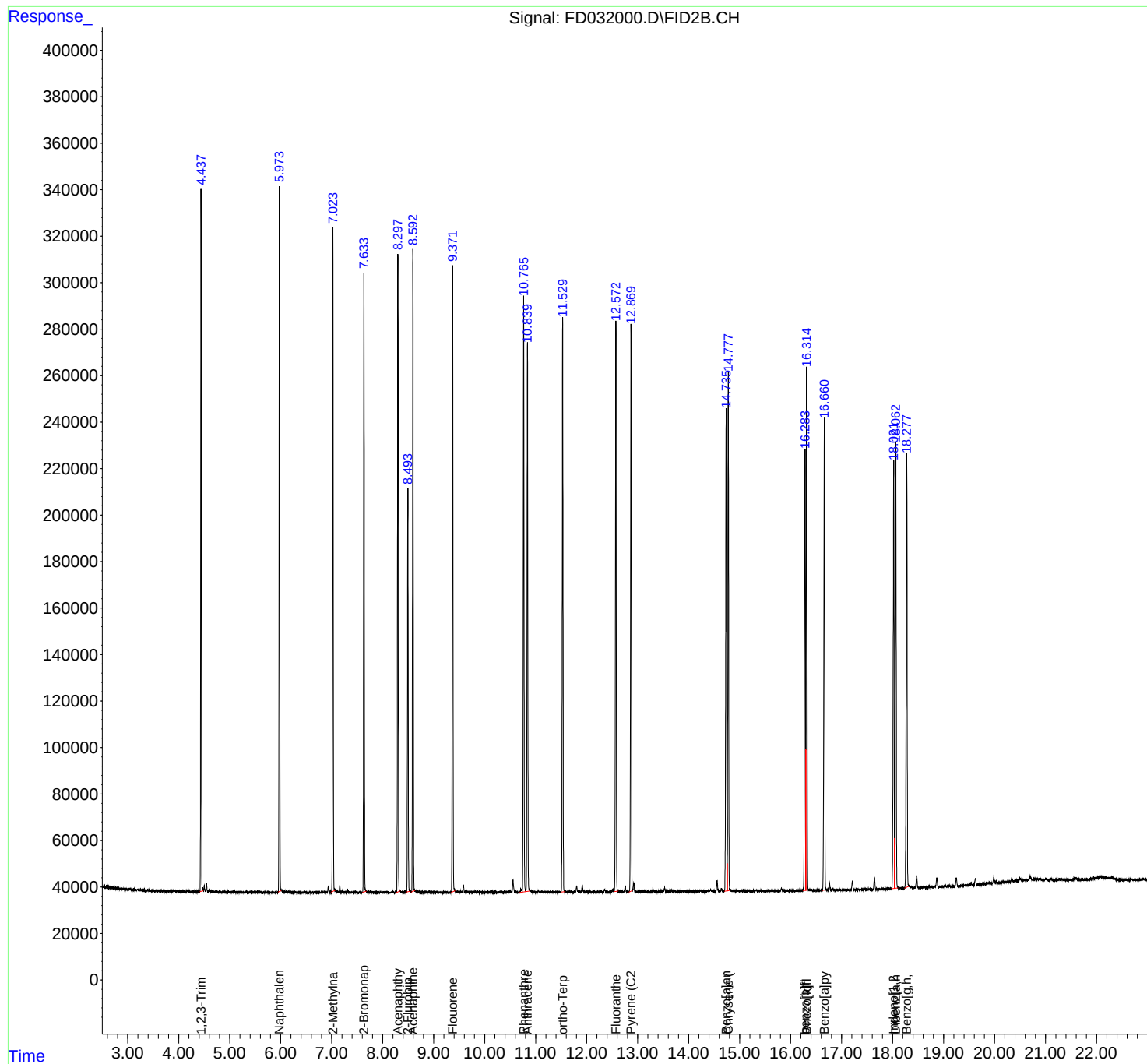
(f)=RT Delta > 1/2 Window

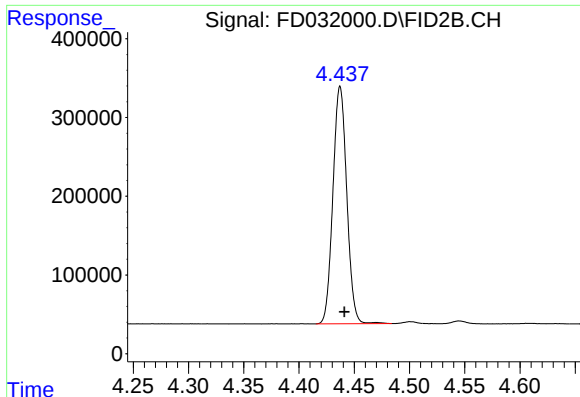
(m)=manual int.

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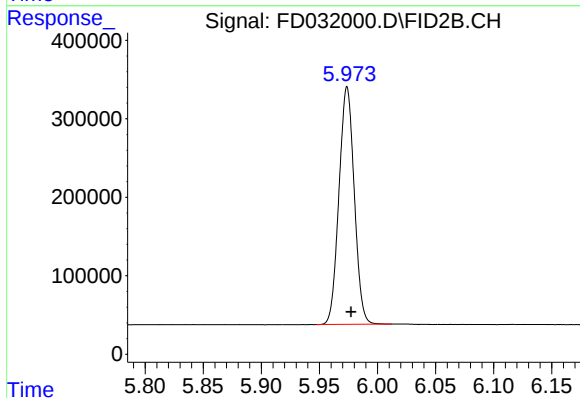
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Signal Info : 20M x 0.18mm x 0.18µm





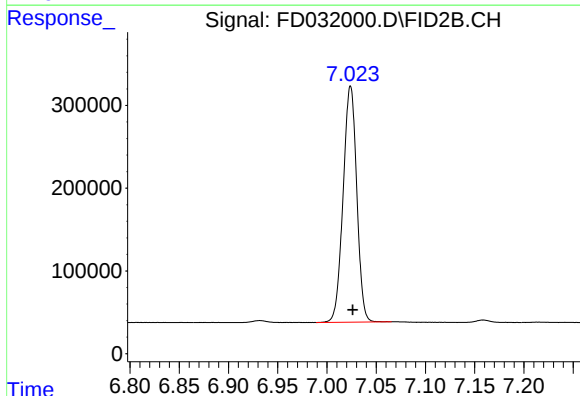
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 2628443
Conc: 23.21 ug/ml



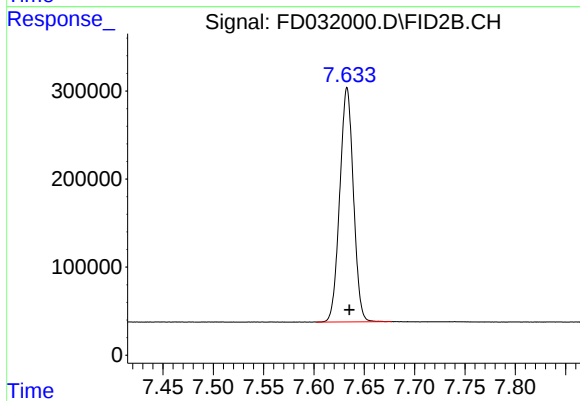
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 2772820
Conc: 22.80 ug/ml



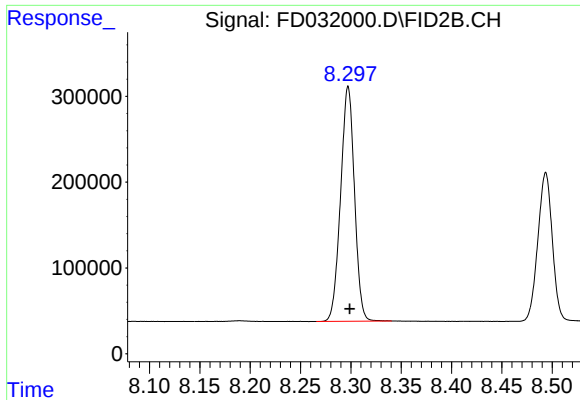
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2750135
Conc: 22.45 ug/ml



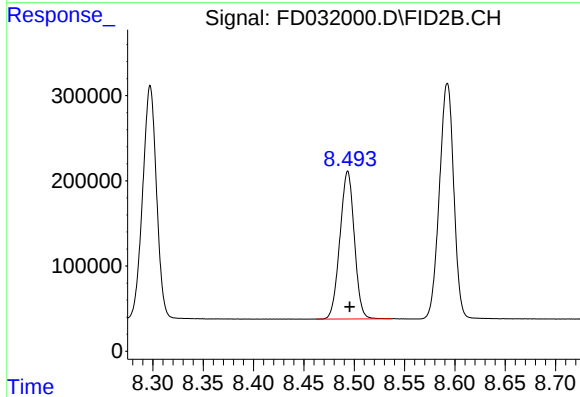
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.002 min
Response: 2510646
Conc: 22.33 ug/ml



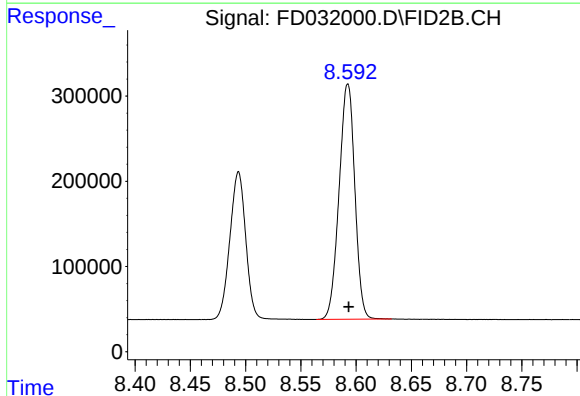
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 2625179
Conc: 21.93 ug/ml



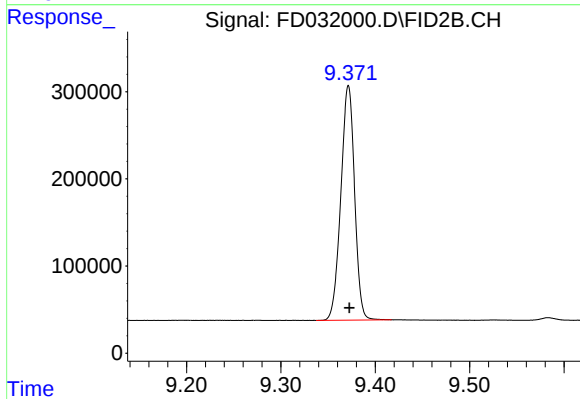
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 1726646
Conc: 22.15 ug/ml



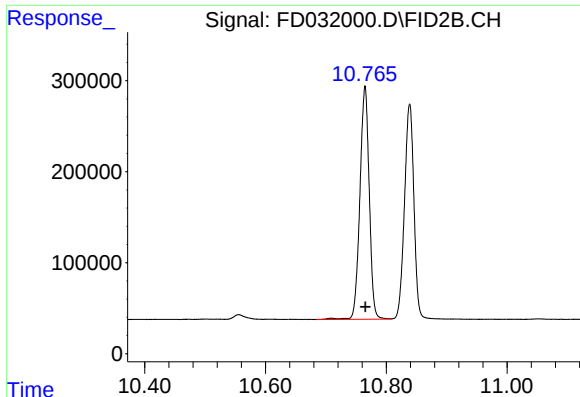
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2741758
Conc: 22.17 ug/ml



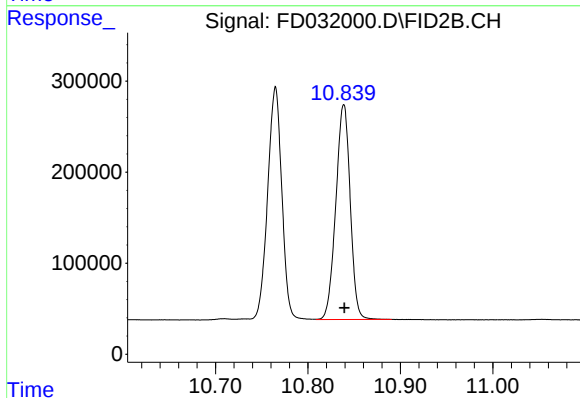
#8 Fluorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.001 min
Response: 2720394
Conc: 21.78 ug/ml



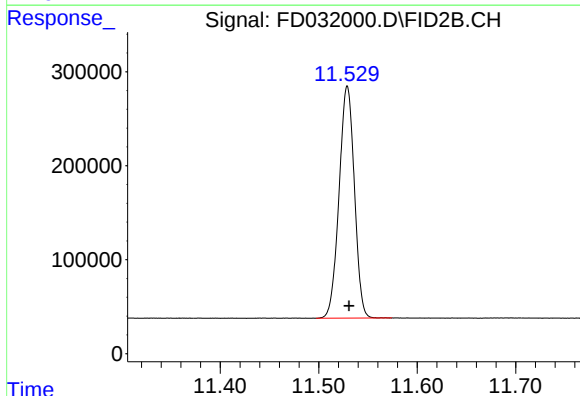
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: 0.000 min
Response: 2745666
Conc: 21.75 ug/ml



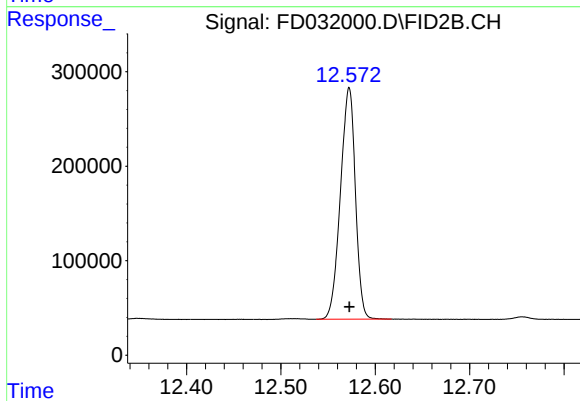
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: 0.000 min
Response: 2556053
Conc: 20.42 ug/ml



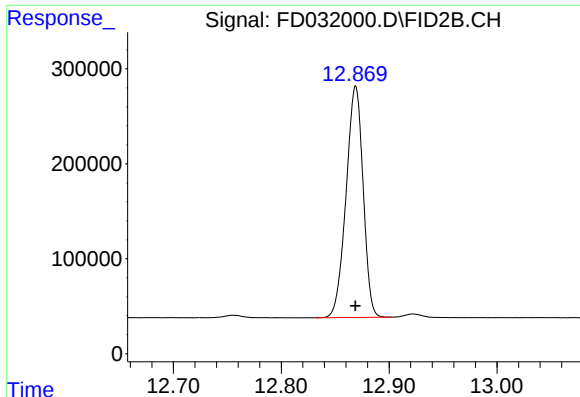
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.002 min
Response: 2664937
Conc: 21.47 ug/ml



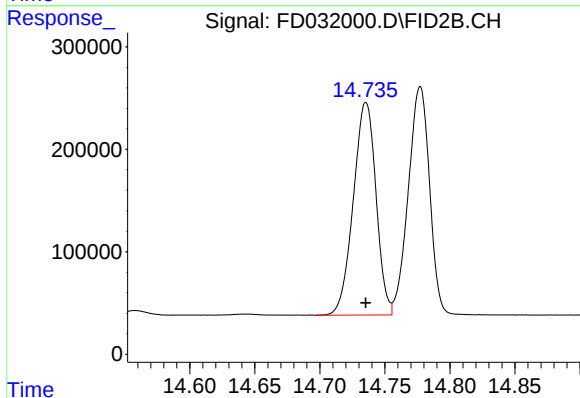
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2703402
Conc: 21.12 ug/ml



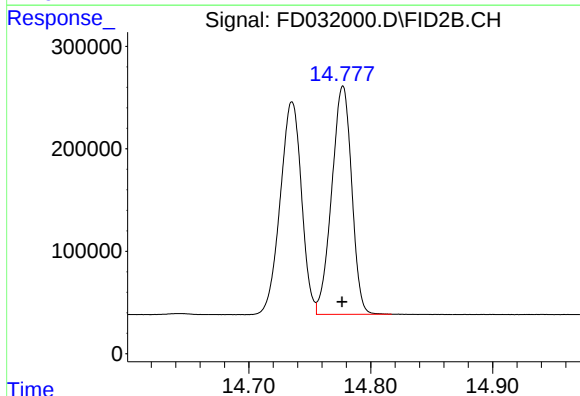
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: 0.000 min
Response: 2672929
Conc: 21.24 ug/ml



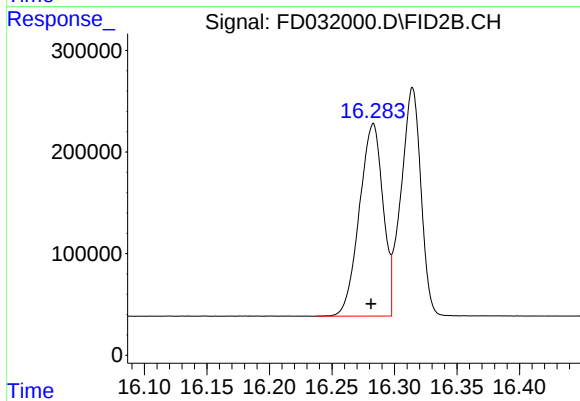
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: 0.000 min
Response: 2520165
Conc: 20.64 ug/ml



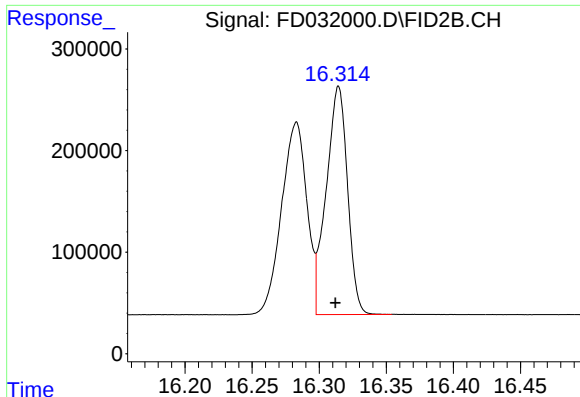
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: 0.000 min
Response: 2534674
Conc: 20.60 ug/ml



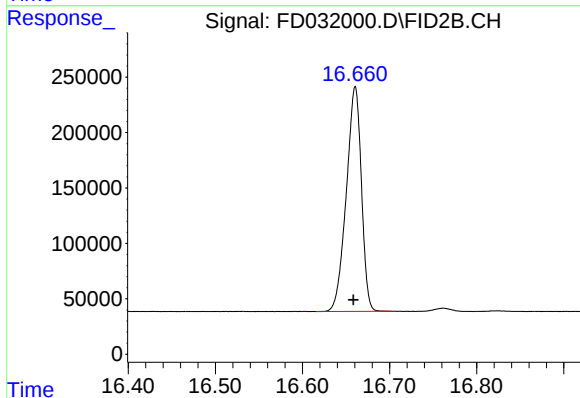
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.283 min
Delta R.T.: 0.002 min
Response: 2486574
Conc: 20.59 ug/ml



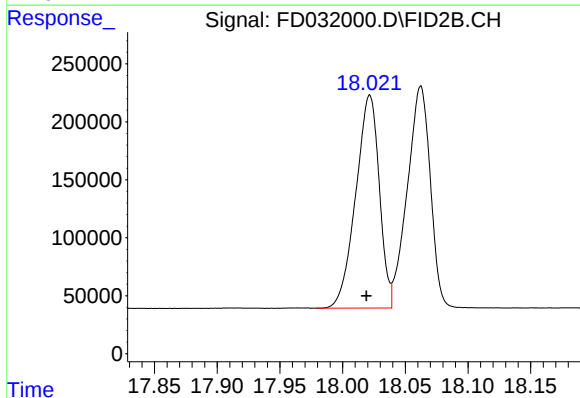
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.314 min
Delta R.T.: 0.002 min
Response: 2484954
Conc: 20.54 ug/ml



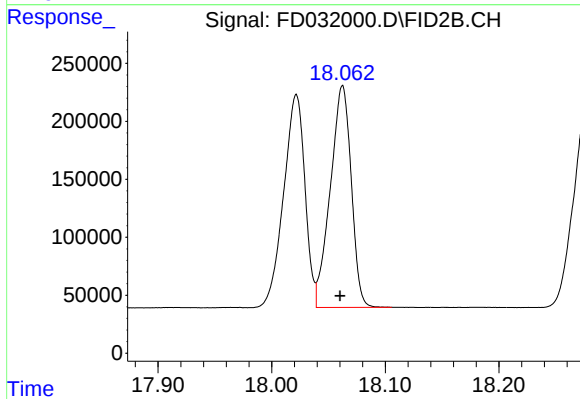
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: 0.002 min
Response: 2444395
Conc: 20.46 ug/ml



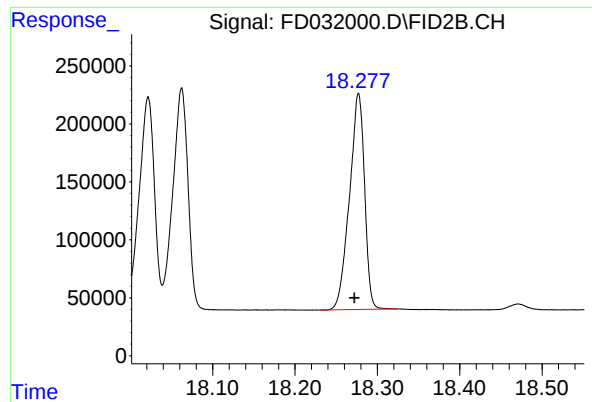
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: 0.003 min
Response: 2398948
Conc: 20.88 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.002 min
Response: 2448133
Conc: 20.94 ug/ml



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

R.T.: 18.277 min
Delta R.T.: 0.005 min
Response: 2372286
Conc: 20.82 ug/ml