

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AR\
 Data File : FD033447.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2020 20:36
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 04:16:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 04:14:31 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...	7.586	2291215	20.834 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
6) S 2-Fluorobiphenyl (SURR)	8.449	1533517	20.856 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.71%
11) S ortho-Terphenyl (SURR)	11.480	2632857	20.403 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	2365906	20.790 ug/ml
2) T Naphthalene (C11.7)	5.929	2462320	20.891 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	2487530	20.888 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2487800	20.609 ug/ml
7) T Acenaphthene (C15.5)	8.545	2607451	20.658 ug/ml
8) T Flouorene (C16.55)	9.325	2538782	20.731 ug/ml
9) T Phenanthrene (C19.36)	10.719	2588881	20.480 ug/ml
10) T Anthracene (C19.43)	10.795	2499312	20.542 ug/ml
12) T Fluoranthene (C21.85)	12.530	2659784	20.528 ug/ml
13) T Pyrene (C20.8)	12.827	2633799	20.388 ug/ml
14) T Benzo[a]anthracene (C...	14.699	2520444	20.632 ug/ml
15) T Chrysene (C27.41)	14.741	2635379	20.466 ug/ml
16) T benzo[b]fluoranthene ...	16.283	2626232	21.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.283	2626232	20.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	2542602	20.584 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	2570707	21.670 ug/ml
20) T Dibenz[a,h]anthracene...	18.036	2570707	20.793 ug/ml
21) T Benzo[g,h,i]perylene ...	18.256	2491719	20.651 ug/ml

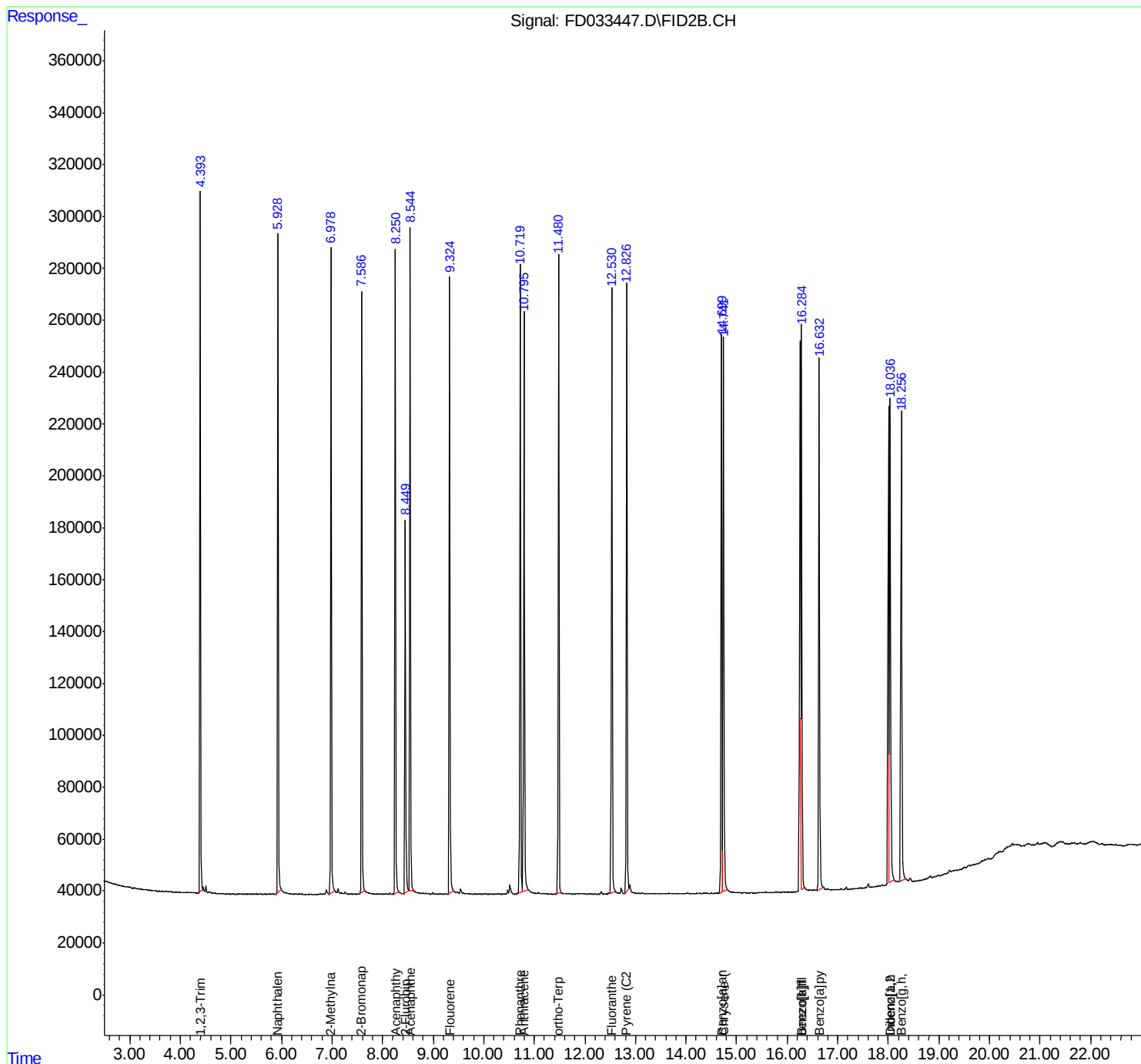
(f)=RT Delta > 1/2 Window

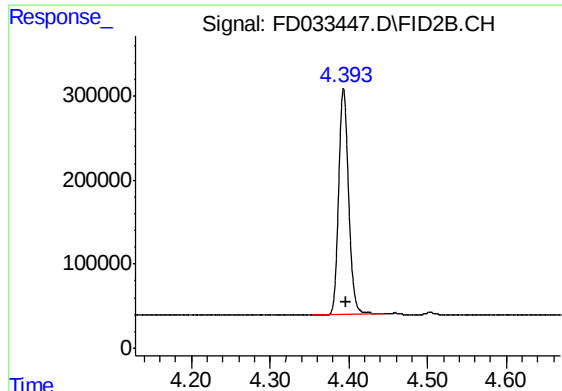
(m)=manual int.

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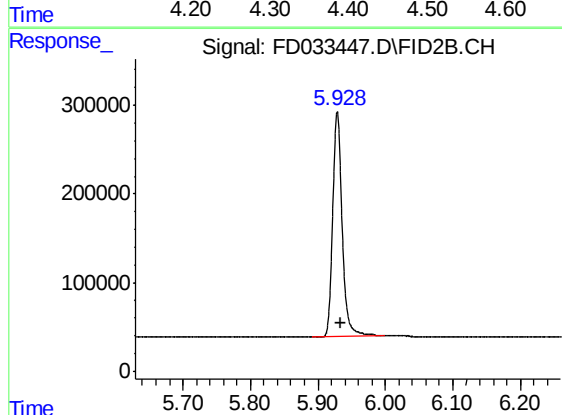
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





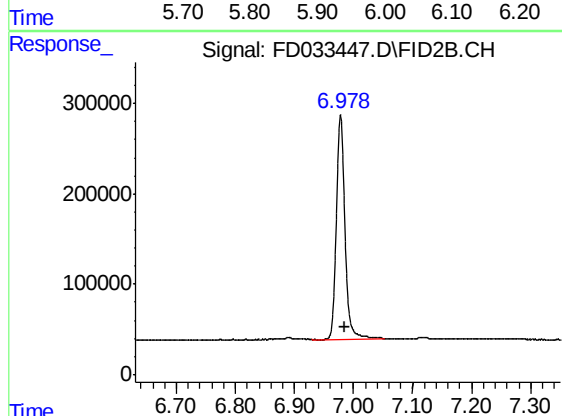
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.393 min
Delta R.T.: -0.004 min
Response: 2365906
Conc: 20.79 ug/ml



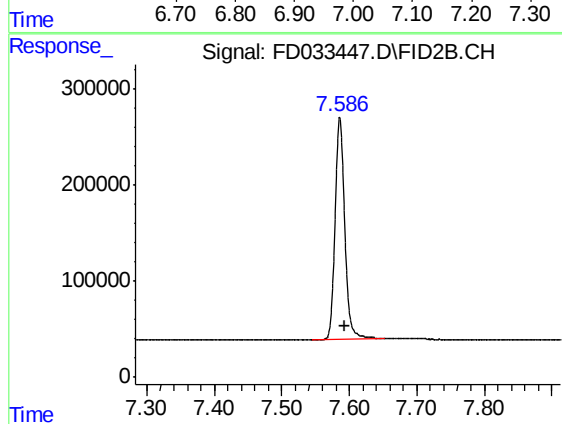
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 2462320
Conc: 20.89 ug/ml



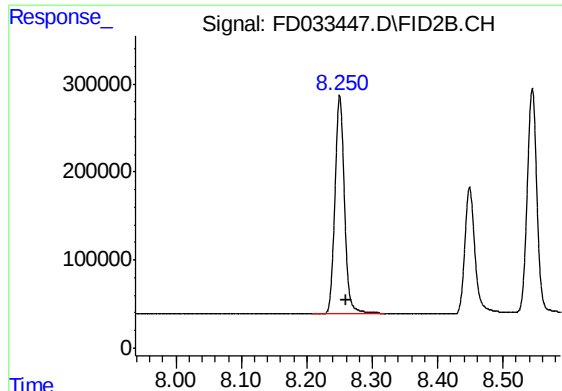
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.008 min
Response: 2487530
Conc: 20.89 ug/ml



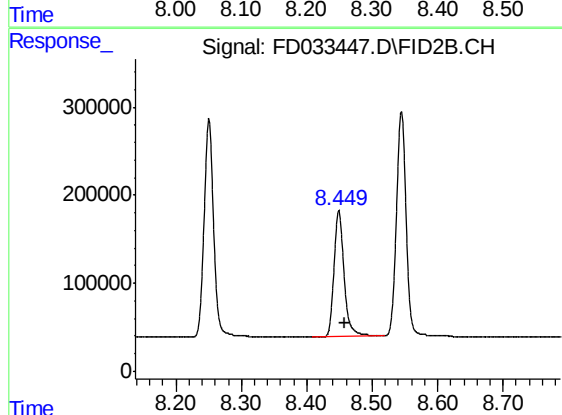
#4 2-Bromonaphthalene (SURR)

R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 2291215
Conc: 20.83 ug/ml



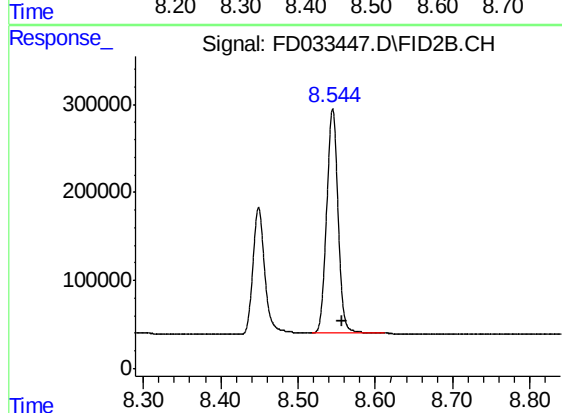
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: -0.010 min
Response: 2487800
Conc: 20.61 ug/ml



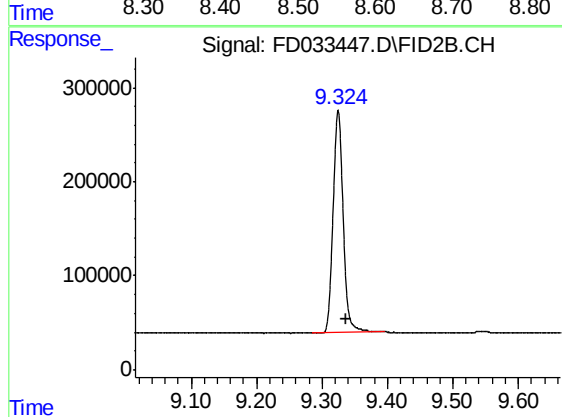
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.008 min
Response: 1533517
Conc: 20.86 ug/ml



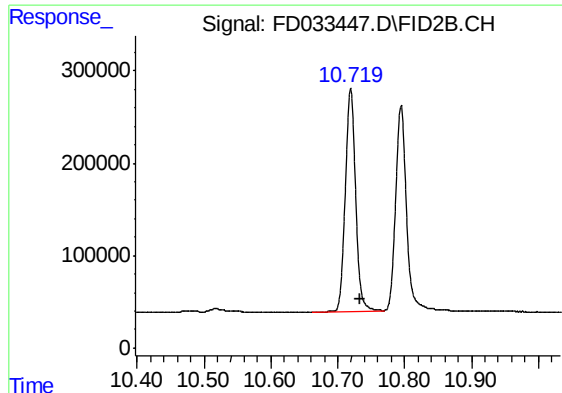
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.012 min
Response: 2607451
Conc: 20.66 ug/ml



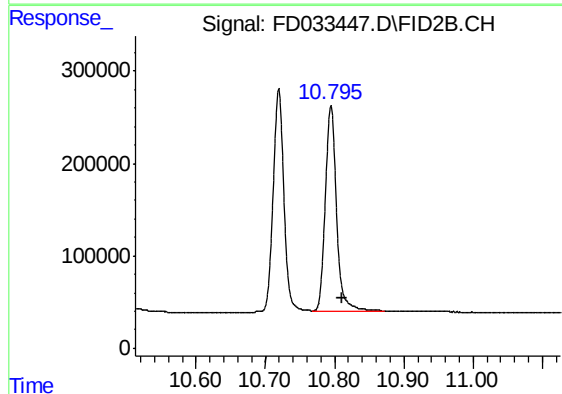
#8 Flouorene (C16.55)

R.T.: 9.325 min
Delta R.T.: -0.012 min
Response: 2538782
Conc: 20.73 ug/ml



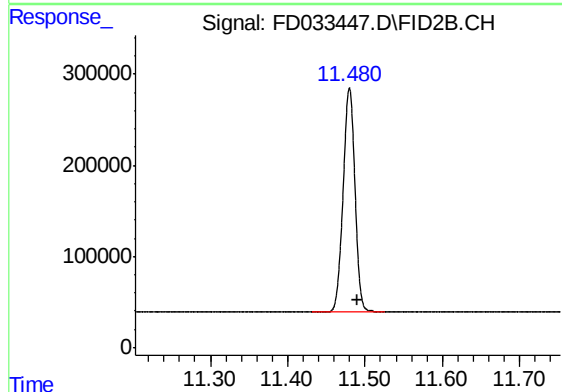
#9 Phenanthrene (C19.36)

R.T.: 10.719 min
Delta R.T.: -0.014 min
Response: 2588881
Conc: 20.48 ug/ml



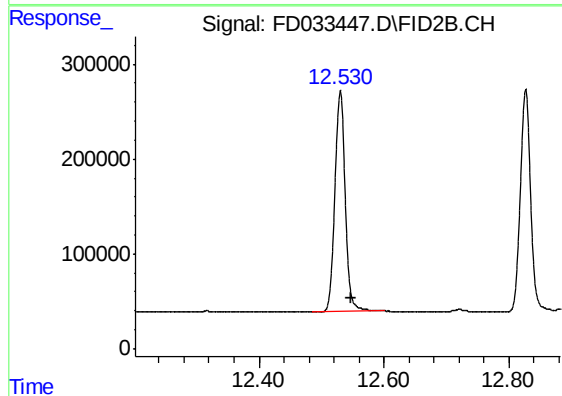
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.015 min
Response: 2499312
Conc: 20.54 ug/ml



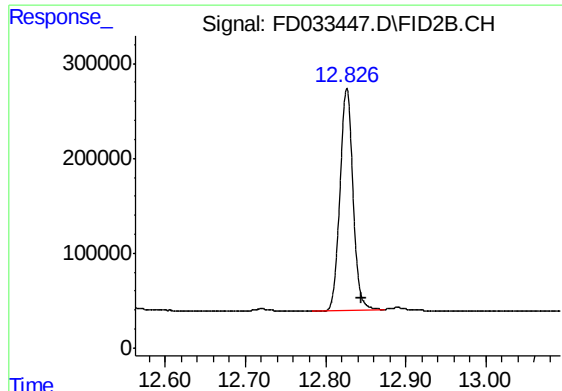
#11 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: -0.011 min
Response: 2632857
Conc: 20.40 ug/ml



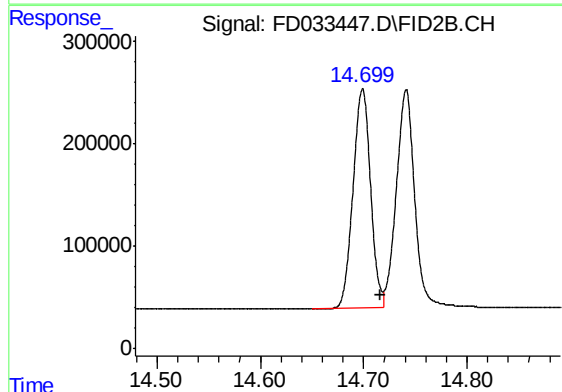
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.016 min
Response: 2659784
Conc: 20.53 ug/ml



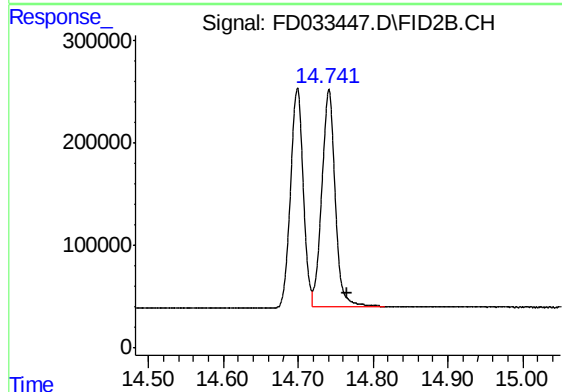
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: -0.018 min
Response: 2633799
Conc: 20.39 ug/ml



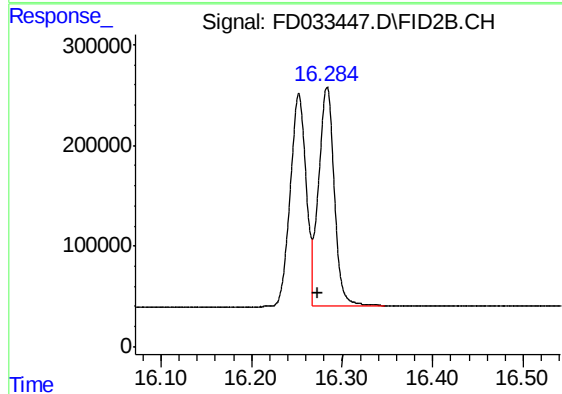
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.018 min
Response: 2520444
Conc: 20.63 ug/ml



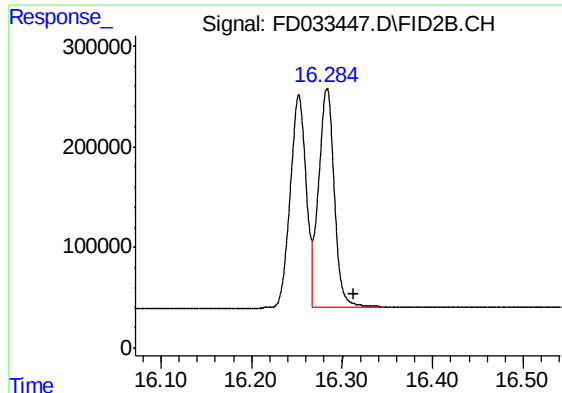
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: -0.024 min
Response: 2635379
Conc: 20.47 ug/ml



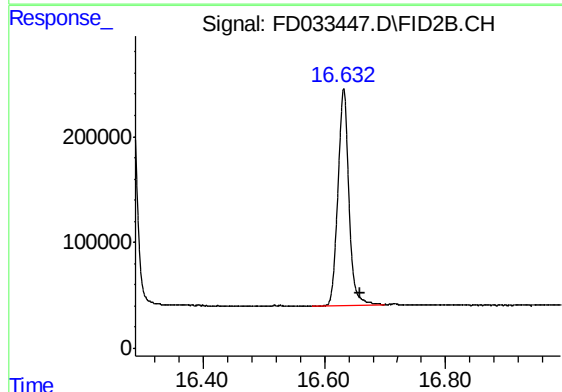
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.283 min
Delta R.T.: 0.010 min
Response: 2626232
Conc: 21.11 ug/ml



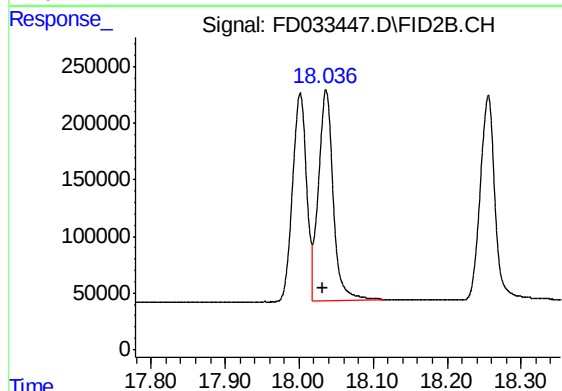
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.283 min
Delta R.T.: -0.029 min
Response: 2626232
Conc: 20.40 ug/ml



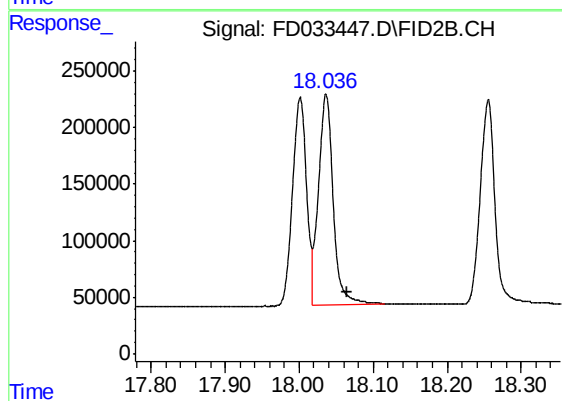
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: -0.026 min
Response: 2542602
Conc: 20.58 ug/ml



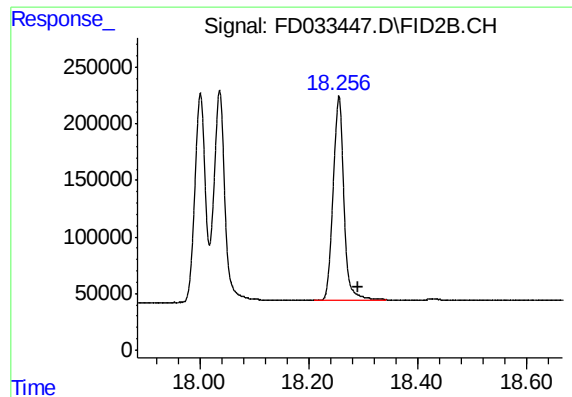
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.005 min
Response: 2570707
Conc: 21.67 ug/ml



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

R.T.: 18.036 min
Delta R.T.: -0.029 min
Response: 2570707
Conc: 20.79 ug/ml



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

R.T.: 18.256 min
Delta R.T.: -0.035 min
Response: 2491719
Conc: 20.65 ug/ml