

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091621AR\
 Data File : FD038824.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2021 18:52
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 01:46:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:30:07 2021
 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...	7.766	2843021	21.260 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
6) S 2-Fluorobiphenyl (SURR)	8.635	1922493	20.846 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.69%
11) S ortho-Terphenyl (SURR)	11.679	2988051	20.595 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	3190415	21.788 ug/ml
2) T Naphthalene (C11.7)	6.103	3318608	21.492 ug/ml
3) T 2-Methylnaphthalene (...)	7.158	3226877	21.303 ug/ml
5) T Acenaphthylene (C15.06)	8.438	3047411	20.709 ug/ml
7) T Acenaphthene (C15.5)	8.735	3172413	20.962 ug/ml
8) T Flouorene (C16.55)	9.516	3043418	20.724 ug/ml
9) T Phenanthrene (C19.36)	10.917	2881327	20.233 ug/ml
10) T Anthracene (C19.43)	10.992	2505063	18.284 ug/ml
12) T Fluoranthene (C21.85)	12.732	2730988	19.841 ug/ml
13) T Pyrene (C20.8)	13.031	2692853	19.774 ug/ml
14) T Benzo[a]anthracene (C...	14.902	2461045	20.022 ug/ml
15) T Chrysene (C27.41)	14.945	2539360	20.127 ug/ml
16) T benzo[b]fluoranthene ...	16.454	2518074	21.392 ug/ml
17) T Bnezo[k]fluoranthene ...	16.485	2430291	21.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.832	2341193	21.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.197	2463125	22.758 ug/ml
20) T Dibenz[a,h]anthracene...	18.236	2539478	22.966 ug/ml
21) T Benzo[g,h,i]perylene ...	18.454	2468797	22.896 ug/ml

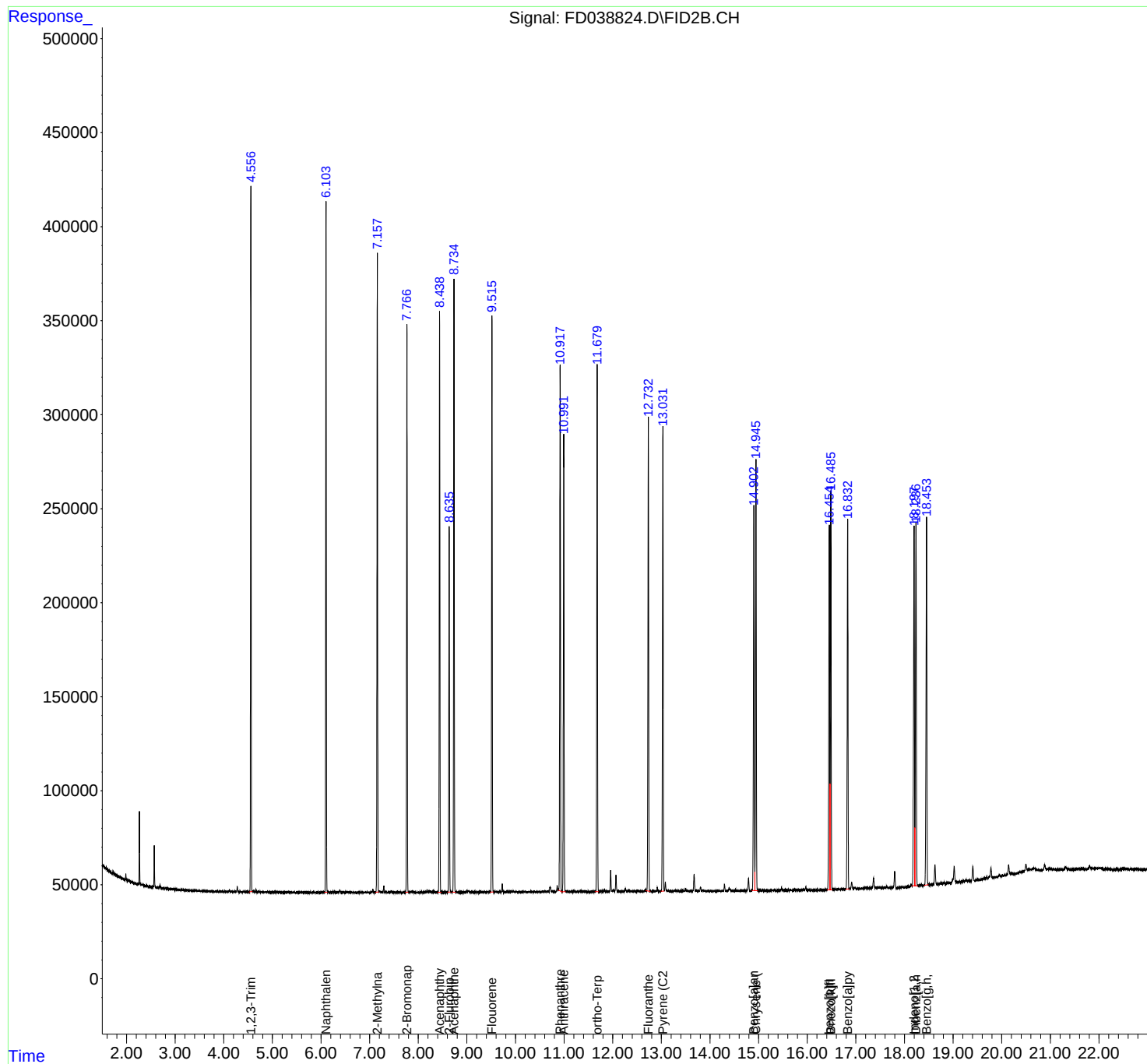
(f)=RT Delta > 1/2 Window

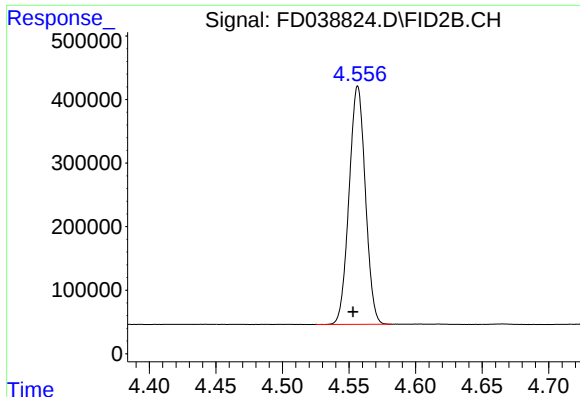
(m)=manual int.

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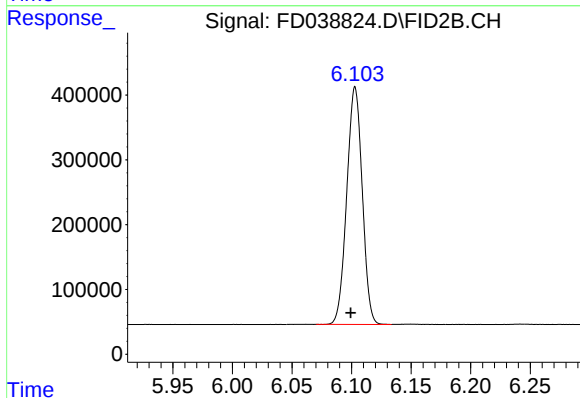
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





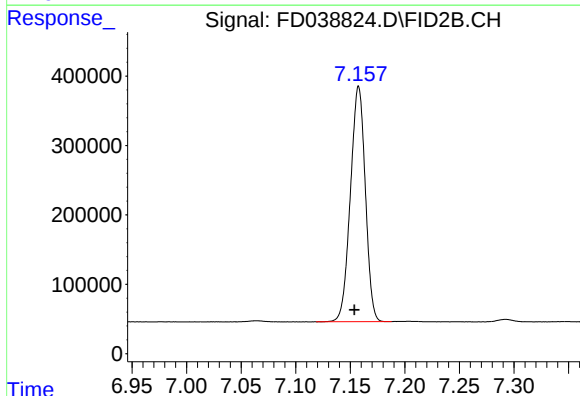
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.557 min
Delta R.T.: 0.004 min
Response: 3190415
Conc: 21.79 ug/ml



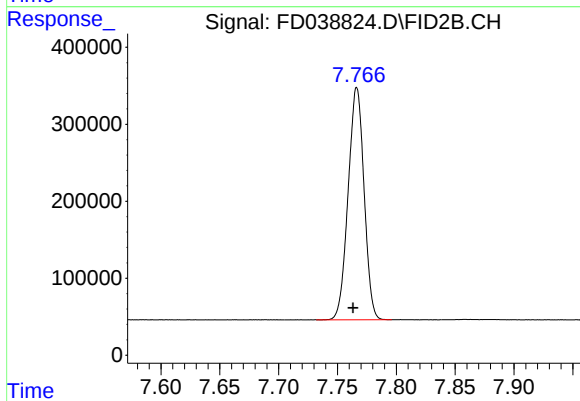
#2 Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.004 min
Response: 3318608
Conc: 21.49 ug/ml



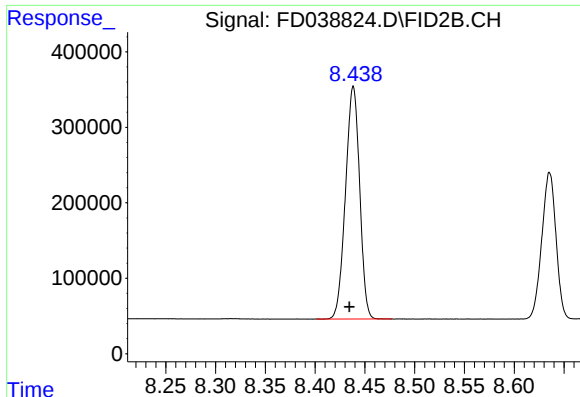
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 3226877
Conc: 21.30 ug/ml



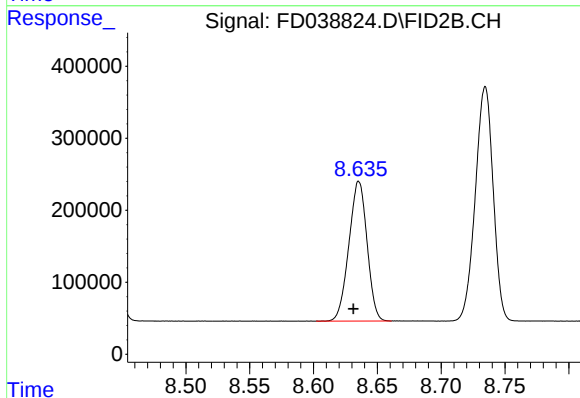
#4 2-Bromonaphthalene (SURR)

R.T.: 7.766 min
Delta R.T.: 0.003 min
Response: 2843021
Conc: 21.26 ug/ml



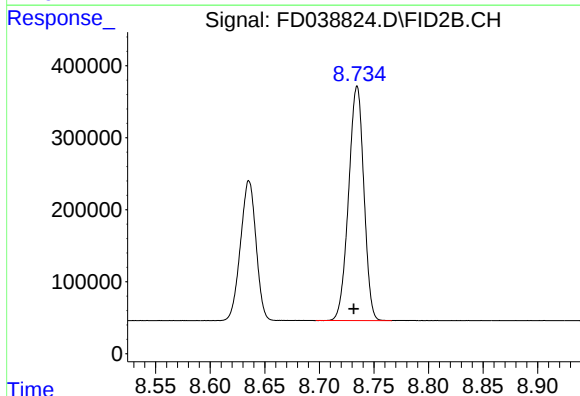
#5 Acenaphthylene (C15.06)

R.T.: 8.438 min
Delta R.T.: 0.004 min
Response: 3047411
Conc: 20.71 ug/ml



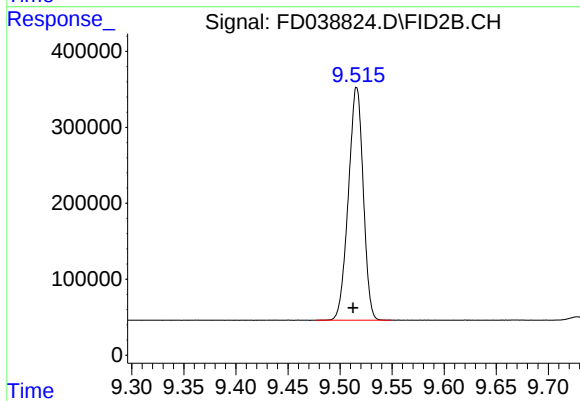
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.635 min
Delta R.T.: 0.004 min
Response: 1922493
Conc: 20.85 ug/ml



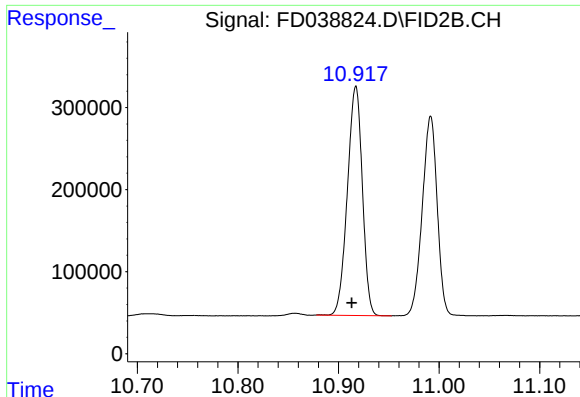
#7 Acenaphthene (C15.5)

R.T.: 8.735 min
Delta R.T.: 0.003 min
Response: 3172413
Conc: 20.96 ug/ml



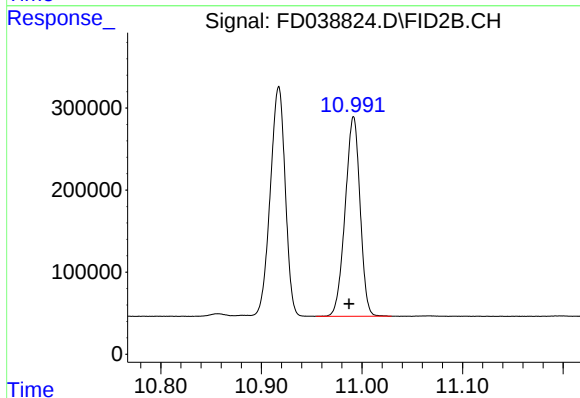
#8 Flouorene (C16.55)

R.T.: 9.516 min
Delta R.T.: 0.003 min
Response: 3043418
Conc: 20.72 ug/ml



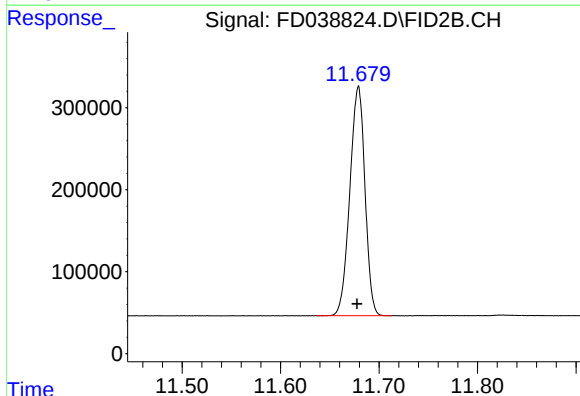
#9 Phenanthrene (C19.36)

R.T.: 10.917 min
Delta R.T.: 0.004 min
Response: 2881327
Conc: 20.23 ug/ml



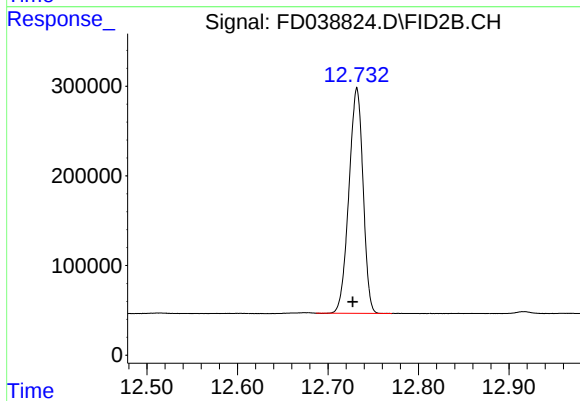
#10 Anthracene (C19.43)

R.T.: 10.992 min
Delta R.T.: 0.005 min
Response: 2505063
Conc: 18.28 ug/ml



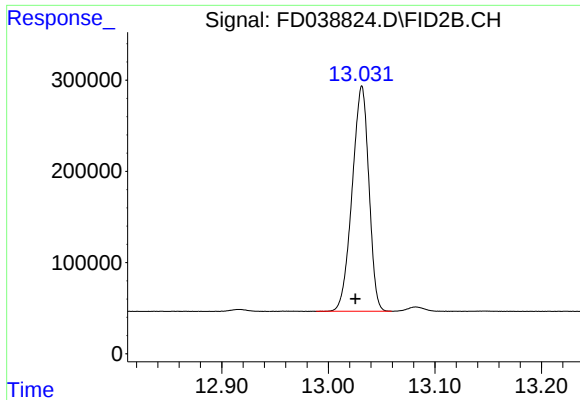
#11 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.002 min
Response: 2988051
Conc: 20.60 ug/ml



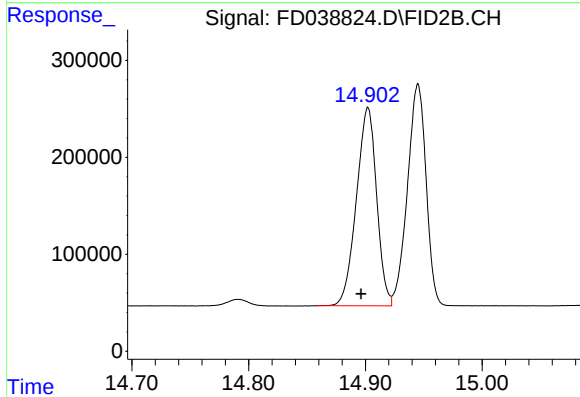
#12 Fluoranthene (C21.85)

R.T.: 12.732 min
Delta R.T.: 0.005 min
Response: 2730988
Conc: 19.84 ug/ml



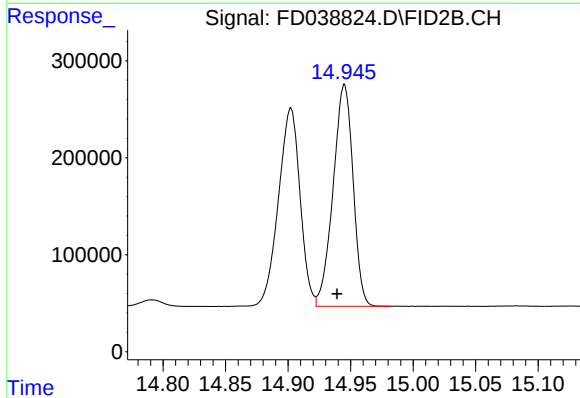
#13 Pyrene (C20.8)

R.T.: 13.031 min
Delta R.T.: 0.006 min
Response: 2692853
Conc: 19.77 ug/ml



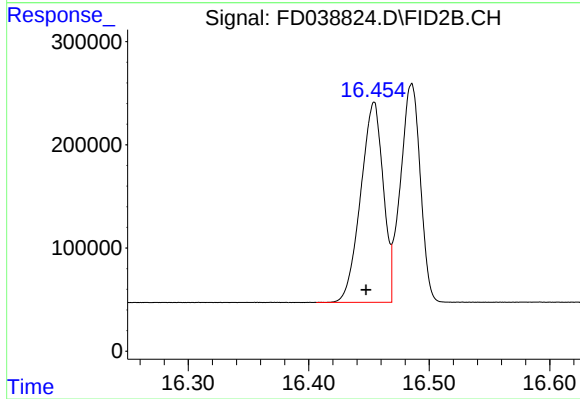
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.902 min
Delta R.T.: 0.006 min
Response: 2461045
Conc: 20.02 ug/ml



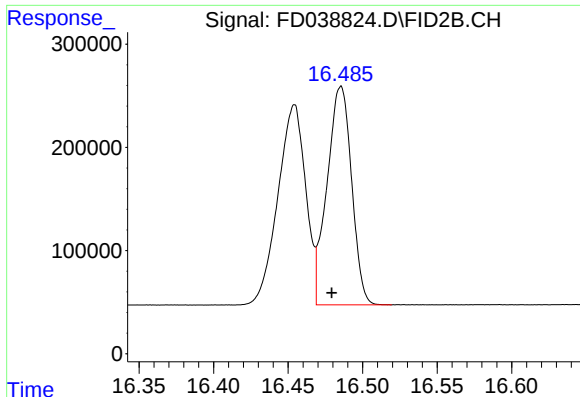
#15 Chrysene (C27.41)

R.T.: 14.945 min
Delta R.T.: 0.006 min
Response: 2539360
Conc: 20.13 ug/ml



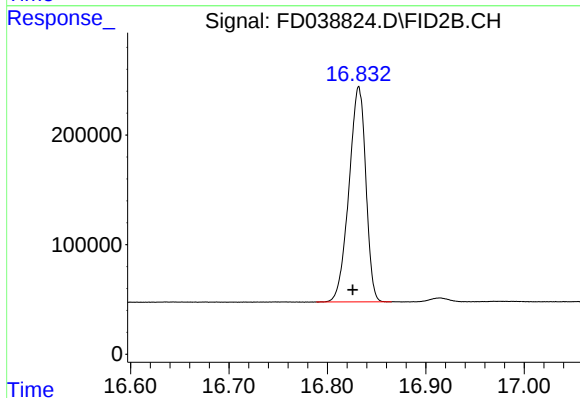
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.454 min
Delta R.T.: 0.007 min
Response: 2518074
Conc: 21.39 ug/ml



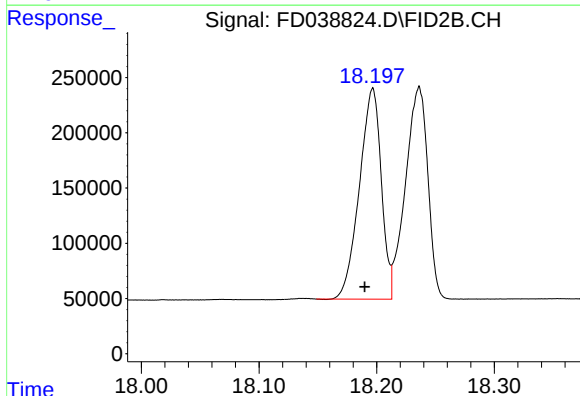
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.485 min
Delta R.T.: 0.006 min
Response: 2430291
Conc: 21.45 ug/ml



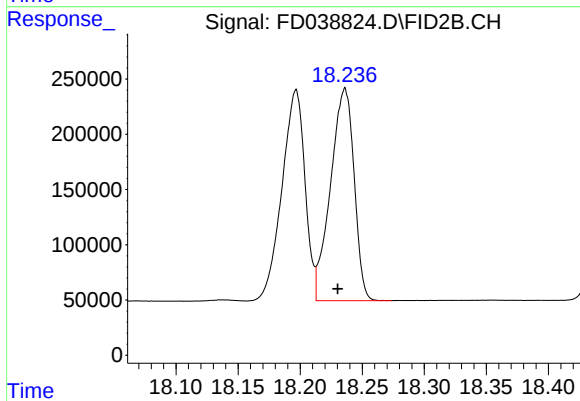
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.832 min
Delta R.T.: 0.006 min
Response: 2341193
Conc: 21.67 ug/ml



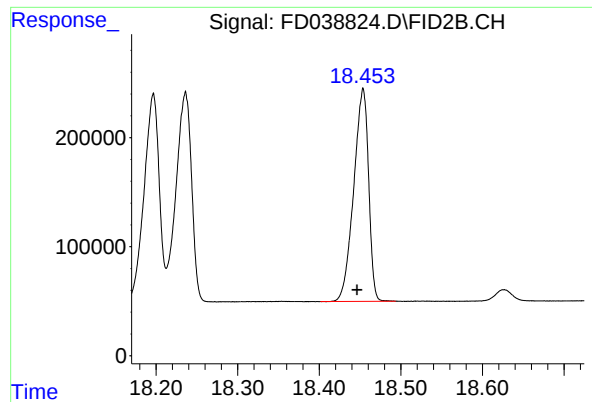
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.197 min
Delta R.T.: 0.007 min
Response: 2463125
Conc: 22.76 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.006 min
Response: 2539478
Conc: 22.97 ug/ml



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

R.T.: 18.454 min
Delta R.T.: 0.007 min
Response: 2468797
Conc: 22.90 ug/ml