

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102721AR\
 Data File : FD039319.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2021 4:00
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 06:11:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.758	2455110	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
6) S 2-Fluorobiphenyl (SURR)	8.628	1688412	21.060 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.12%
11) S ortho-Terphenyl (SURR)	11.672	2651192	20.786 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.547	2612989	21.231 ug/ml
2) T Naphthalene (C11.7)	6.094	2760622	21.300 ug/ml
3) T 2-Methylnaphthalene (...)	7.149	2817613	21.216 ug/ml
5) T Acenaphthylene (C15.06)	8.431	2601232	21.076 ug/ml
7) T Acenaphthene (C15.5)	8.726	2753092	21.106 ug/ml
8) T Fluorene (C16.55)	9.509	2733043	21.107 ug/ml
9) T Phenanthrene (C19.36)	10.912	2663584	20.625 ug/ml
10) T Anthracene (C19.43)	10.987	2623962	20.510 ug/ml
12) T Fluoranthene (C21.85)	12.728	2619103	20.102 ug/ml
13) T Pyrene (C20.8)	13.027	2521824	19.941 ug/ml
14) T Benzo[a]anthracene (C...	14.900	2289646	19.358 ug/ml
15) T Chrysene (C27.41)	14.944	2424687	19.277 ug/ml
16) T benzo[b]fluoranthene ...	16.454	2249363	19.172 ug/ml
17) T Bnezo[k]fluoranthene ...	16.486	2249236	19.113 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	2197109	19.303 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	2144596	20.032 ug/ml
20) T Dibenz[a,h]anthracene...	18.238	2144831	20.117 ug/ml
21) T Benzo[g,h,i]perylene ...	18.457	2138964	20.269 ug/ml

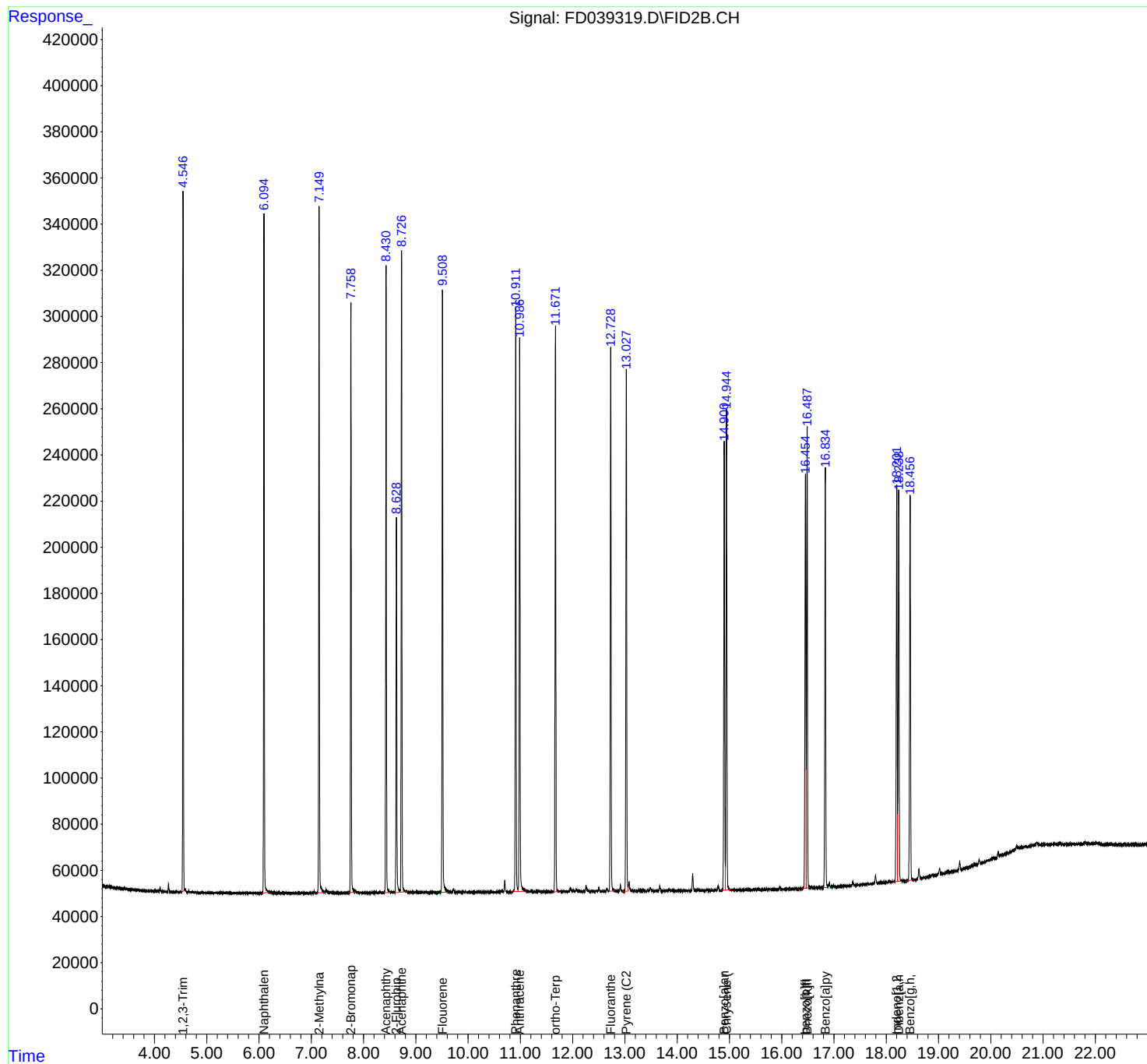
(f)=RT Delta > 1/2 Window

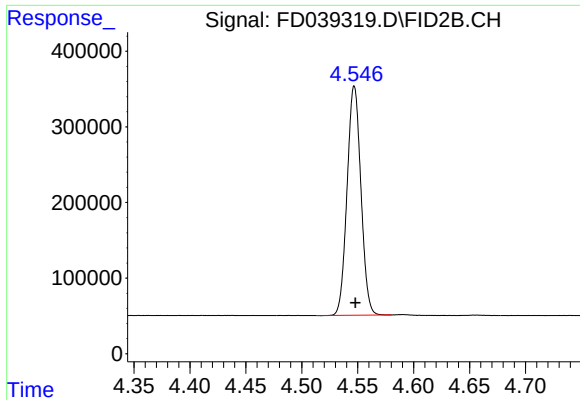
(m)=manual int.

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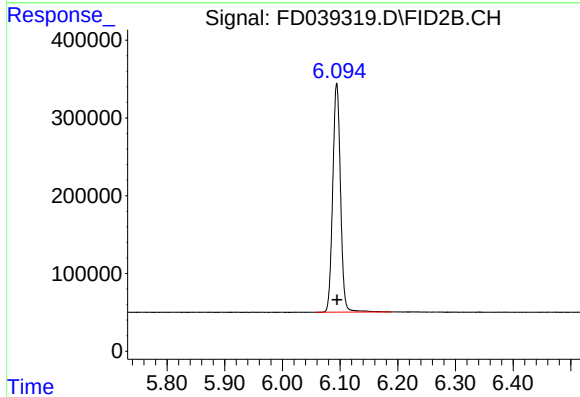
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





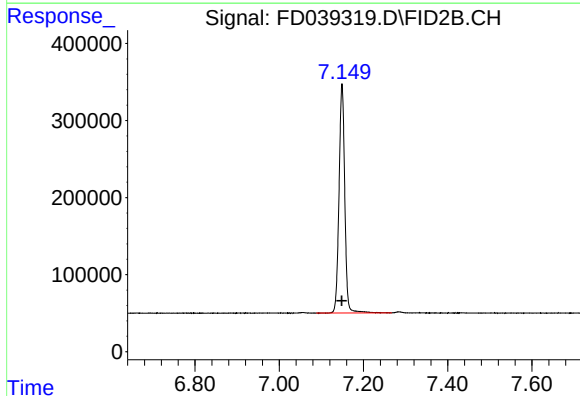
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 2612989
Conc: 21.23 ug/ml



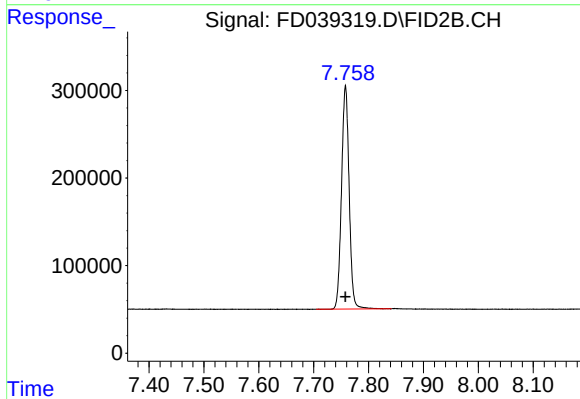
#2 Naphthalene (C11.7)

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 2760622
Conc: 21.30 ug/ml



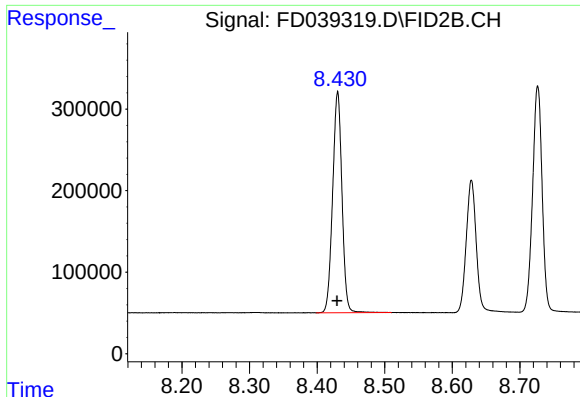
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 2817613
Conc: 21.22 ug/ml



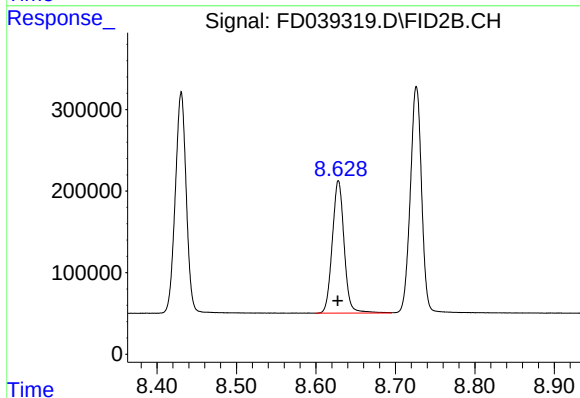
#4 2-Bromonaphthalene (SURR)

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 2455110
Conc: 21.16 ug/ml



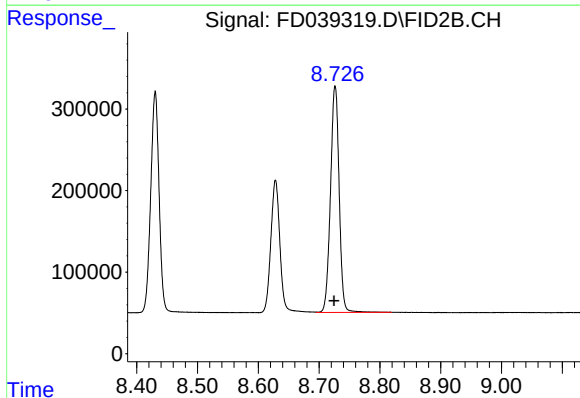
#5 Acenaphthylene (C15.06)

R.T.: 8.431 min
Delta R.T.: 0.001 min
Response: 2601232
Conc: 21.08 ug/ml



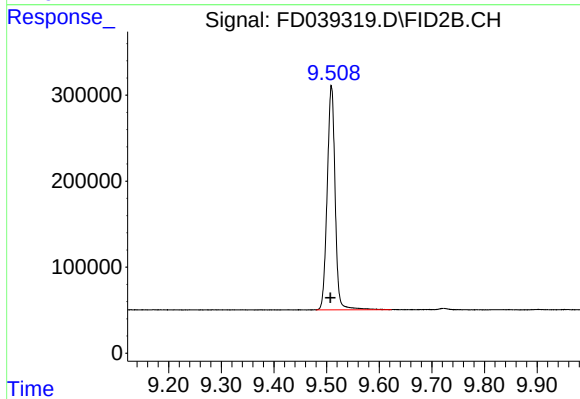
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 1688412
Conc: 21.06 ug/ml



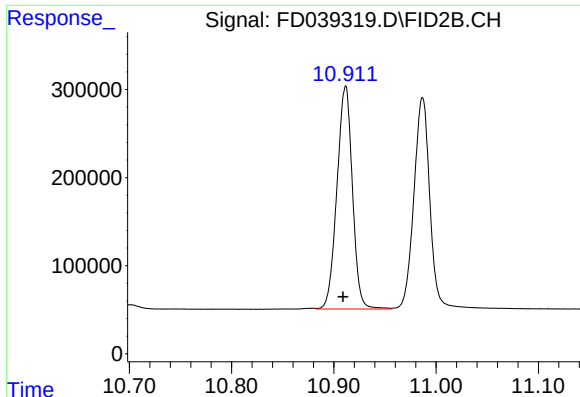
#7 Acenaphthene (C15.5)

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 2753092
Conc: 21.11 ug/ml



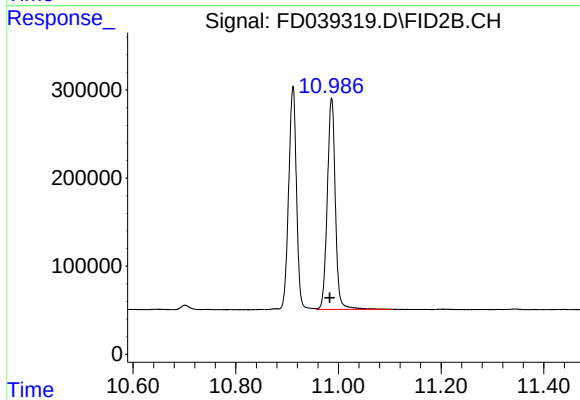
#8 Fluorene (C16.55)

R.T.: 9.509 min
Delta R.T.: 0.002 min
Response: 2733043
Conc: 21.11 ug/ml



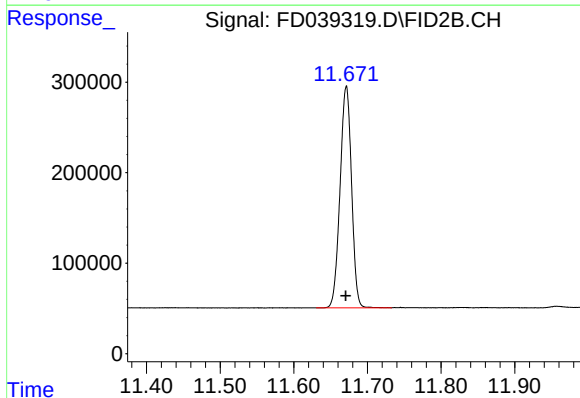
#9 Phenanthrene (C19.36)

R.T.: 10.912 min
Delta R.T.: 0.003 min
Response: 2663584
Conc: 20.63 ug/ml



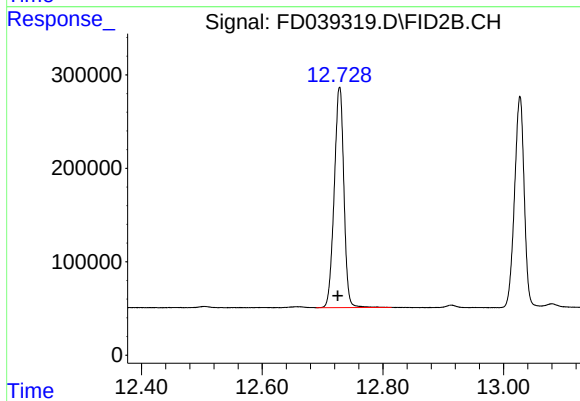
#10 Anthracene (C19.43)

R.T.: 10.987 min
Delta R.T.: 0.004 min
Response: 2623962
Conc: 20.51 ug/ml



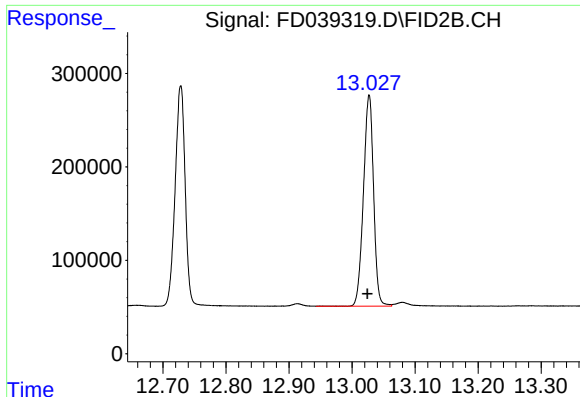
#11 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: 0.000 min
Response: 2651192
Conc: 20.79 ug/ml



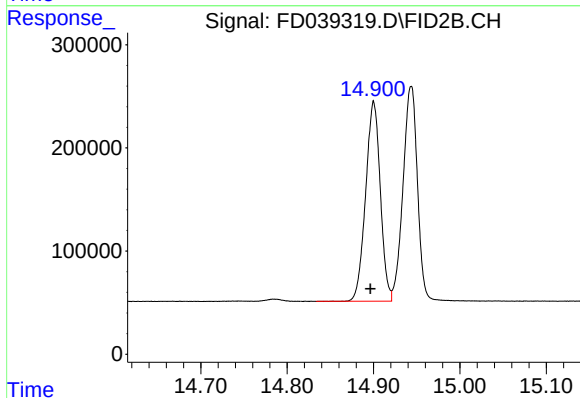
#12 Fluoranthene (C21.85)

R.T.: 12.728 min
Delta R.T.: 0.003 min
Response: 2619103
Conc: 20.10 ug/ml



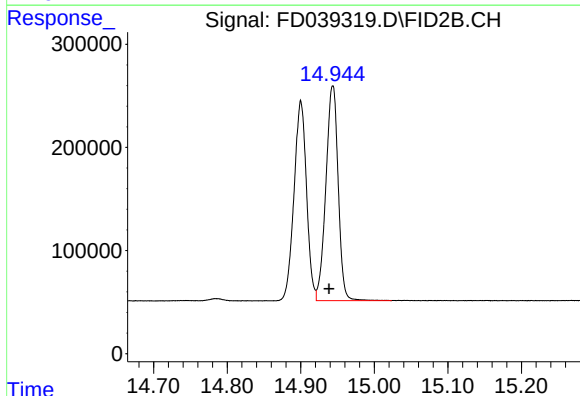
#13 Pyrene (C20.8)

R.T.: 13.027 min
Delta R.T.: 0.003 min
Response: 2521824
Conc: 19.94 ug/ml



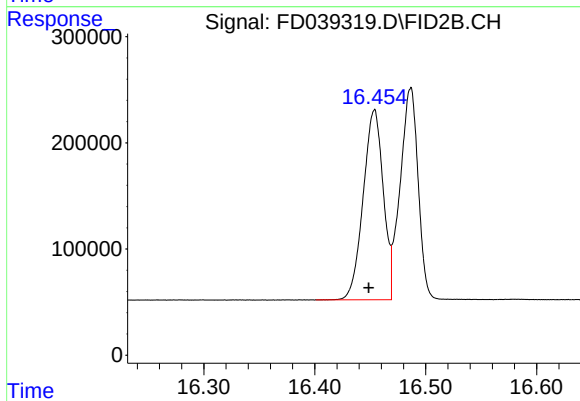
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.900 min
Delta R.T.: 0.004 min
Response: 2289646
Conc: 19.36 ug/ml



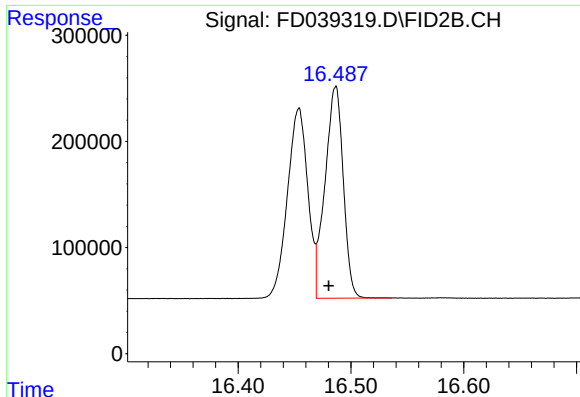
#15 Chrysene (C27.41)

R.T.: 14.944 min
Delta R.T.: 0.005 min
Response: 2424687
Conc: 19.28 ug/ml



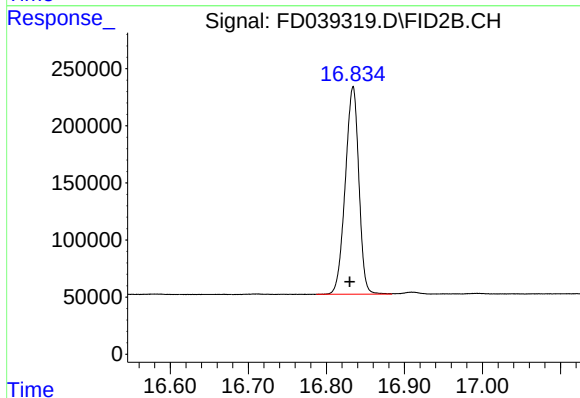
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 2249363
Conc: 19.17 ug/ml



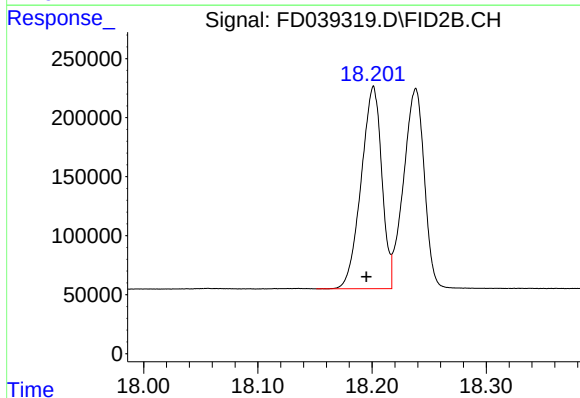
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.486 min
Delta R.T.: 0.006 min
Response: 2249236
Conc: 19.11 ug/ml



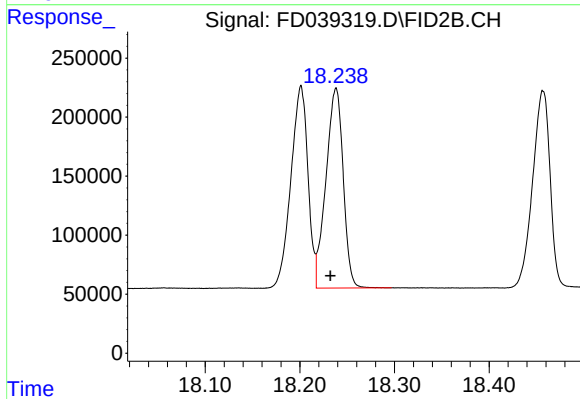
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.004 min
Response: 2197109
Conc: 19.30 ug/ml



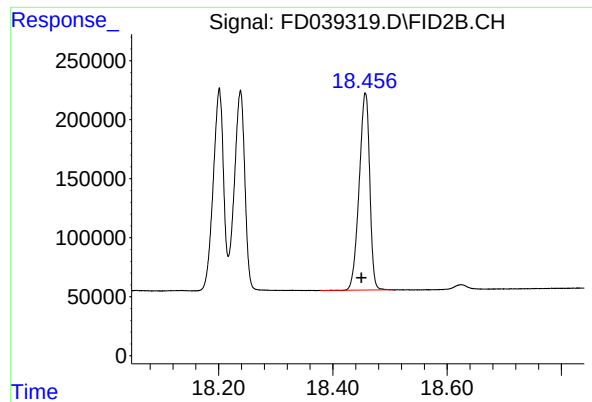
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.006 min
Response: 2144596
Conc: 20.03 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.006 min
Response: 2144831
Conc: 20.12 ug/ml



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

R.T.: 18.457 min
Delta R.T.: 0.007 min
Response: 2138964
Conc: 20.27 ug/ml