

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062921AR\
 Data File : FD038030.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2021 16:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 04:39:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 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...	7.525	2699351	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
6) S 2-Fluorobiphenyl (SURR)	8.385	1745100	18.428 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.86%
11) S ortho-Terphenyl (SURR)	11.423	2896402	18.087 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.331	3103723	21.220 ug/ml
2) T Naphthalene (C11.7)	5.864	3115474	20.120 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	3042011	19.459 ug/ml
5) T Acenaphthylene (C15.06)	8.187	2867879	18.802 ug/ml
7) T Acenaphthene (C15.5)	8.482	2992480	18.980 ug/ml
8) T Flouorene (C16.55)	9.263	2767622	18.123 ug/ml
9) T Phenanthrene (C19.36)	10.657	2638833	17.287 ug/ml
10) T Anthracene (C19.43)	10.732	2486480	16.740 ug/ml
12) T Fluoranthene (C21.85)	12.467	2473469	16.413 ug/ml
13) T Pyrene (C20.8)	12.763	2379697	16.124 ug/ml
14) T Benzo[a]anthracene (C...	14.635	2221318	16.545 ug/ml
15) T Chrysene (C27.41)	14.677	2365611	16.846 ug/ml
16) T benzo[b]fluoranthene ...	16.185	2311451	17.859 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.217	2326817	18.266 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	2170930	18.631 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.931	2199783	19.833 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2358183	20.835 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2333353	21.153 ug/ml

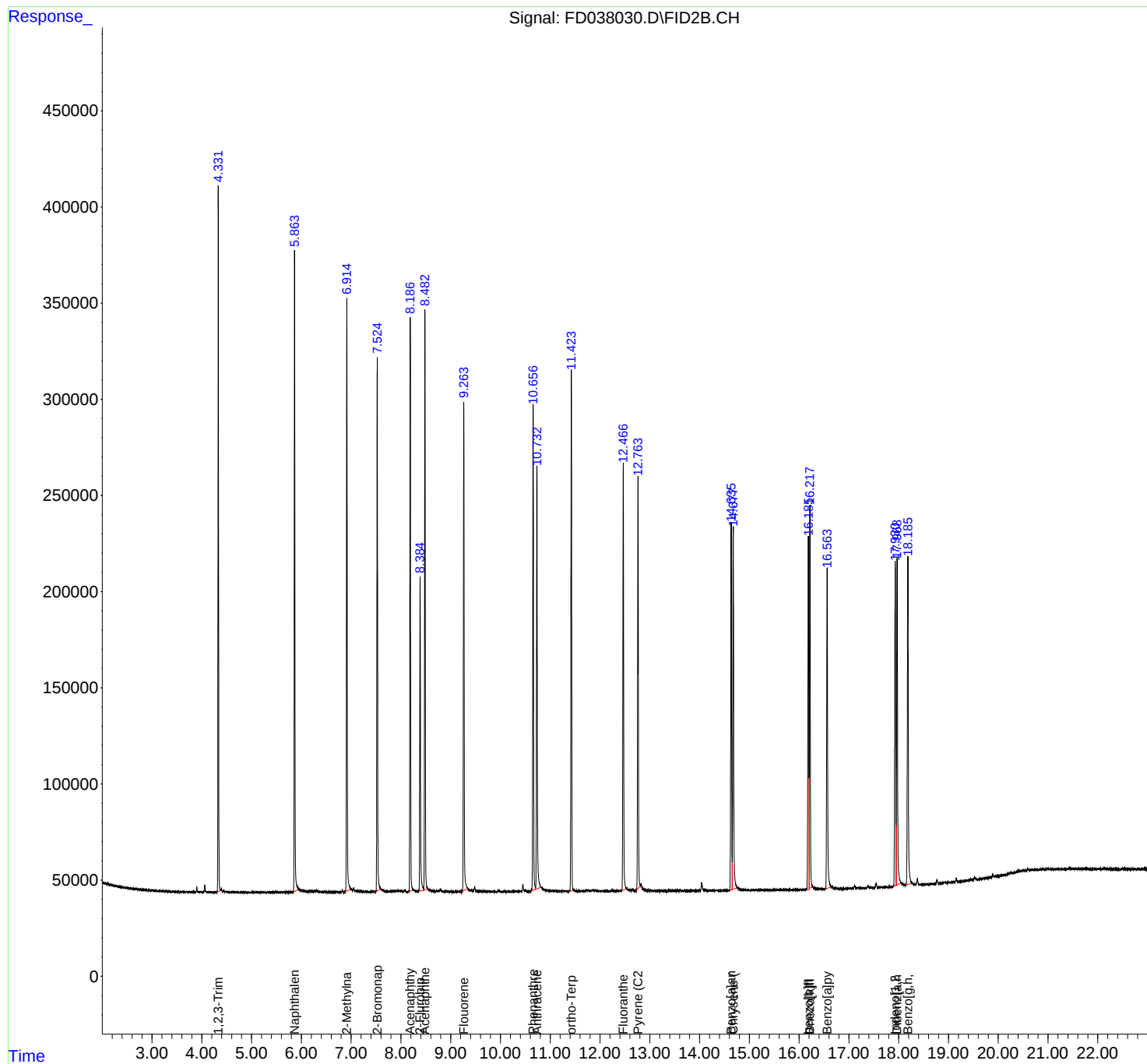
(f)=RT Delta > 1/2 Window

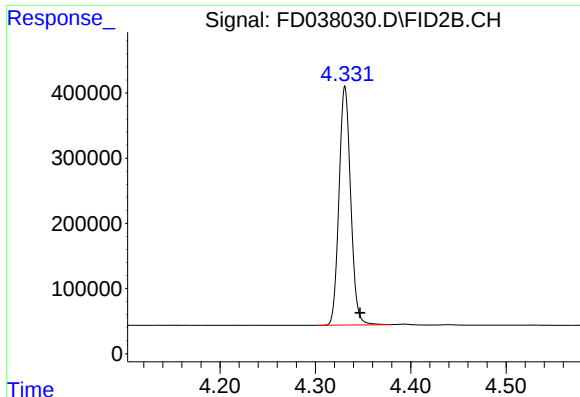
(m)=manual int.

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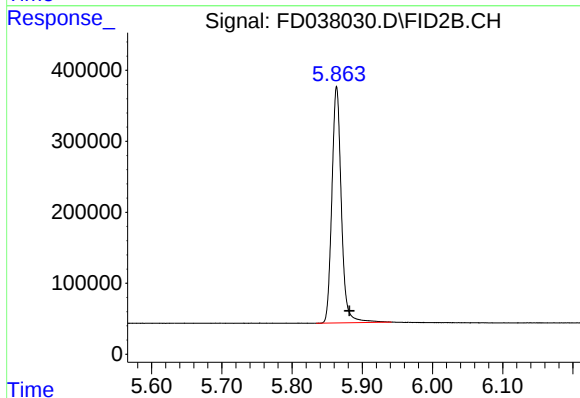
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Signal Info : 20M x 0.18mm x 0.18µm





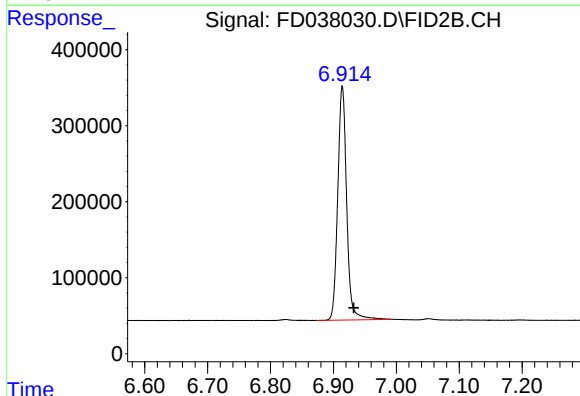
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.331 min
Delta R.T.: -0.016 min
Response: 3103723
Conc: 21.22 ug/ml



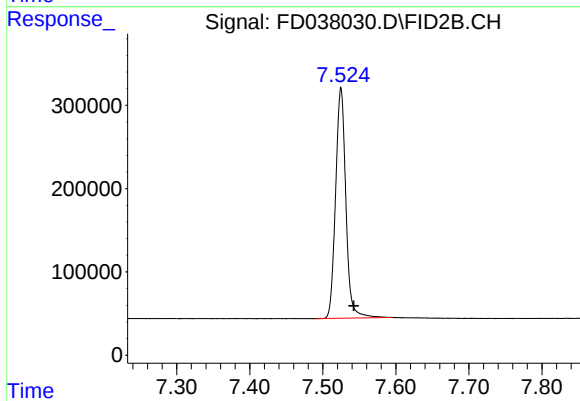
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.018 min
Response: 3115474
Conc: 20.12 ug/ml



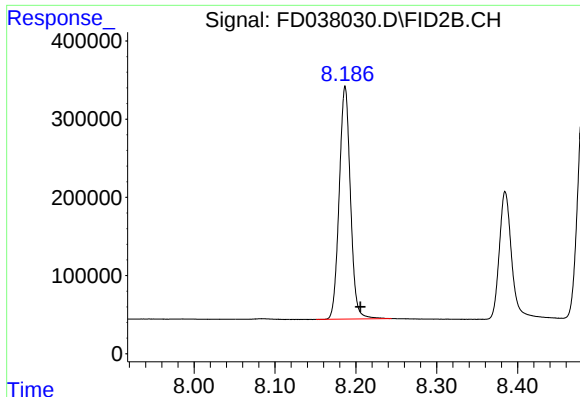
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.018 min
Response: 3042011
Conc: 19.46 ug/ml



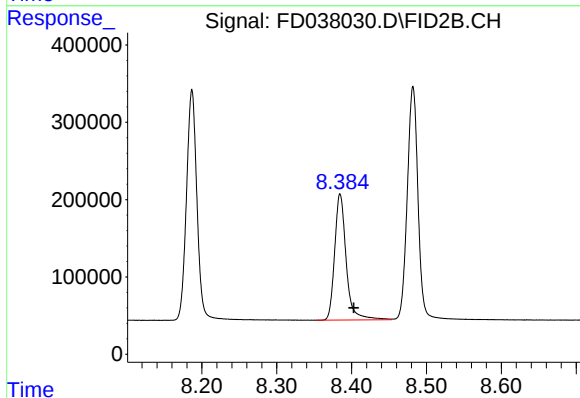
#4 2-Bromonaphthalene (SURR)

R.T.: 7.525 min
Delta R.T.: -0.018 min
Response: 2699351
Conc: 19.27 ug/ml



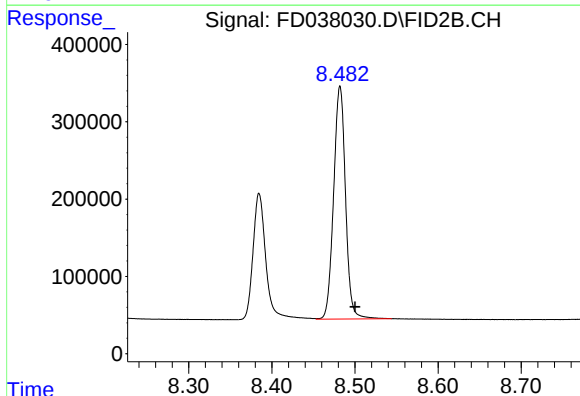
#5 Acenaphthylene (C15.06)

R.T.: 8.187 min
Delta R.T.: -0.019 min
Response: 2867879
Conc: 18.80 ug/ml



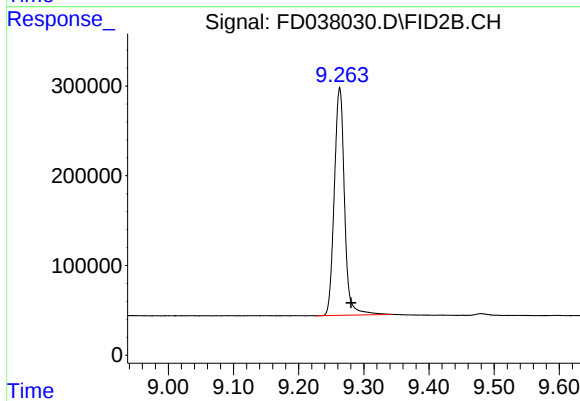
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.019 min
Response: 1745100
Conc: 18.43 ug/ml



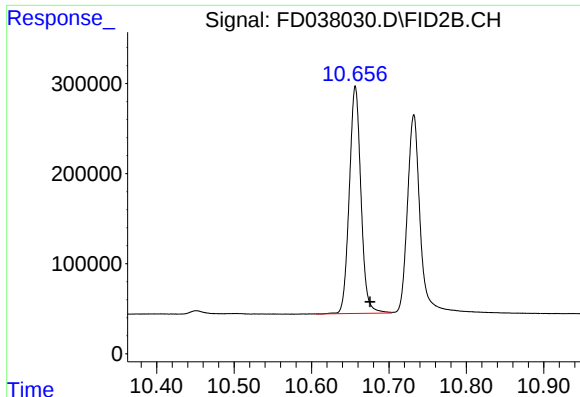
#7 Acenaphthene (C15.5)

R.T.: 8.482 min
Delta R.T.: -0.018 min
Response: 2992480
Conc: 18.98 ug/ml



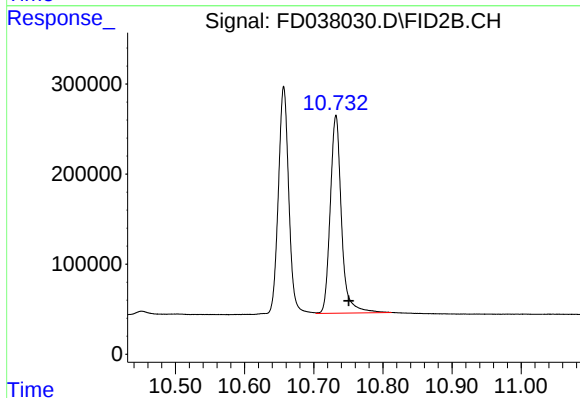
#8 Fluorene (C16.55)

R.T.: 9.263 min
Delta R.T.: -0.018 min
Response: 2767622
Conc: 18.12 ug/ml



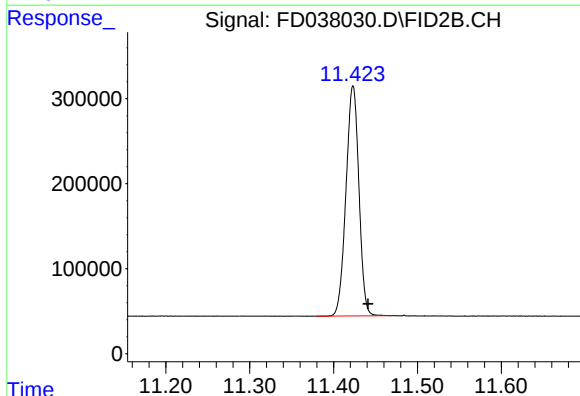
#9 Phenanthrene (C19.36)

R.T.: 10.657 min
Delta R.T.: -0.019 min
Response: 2638833
Conc: 17.29 ug/ml



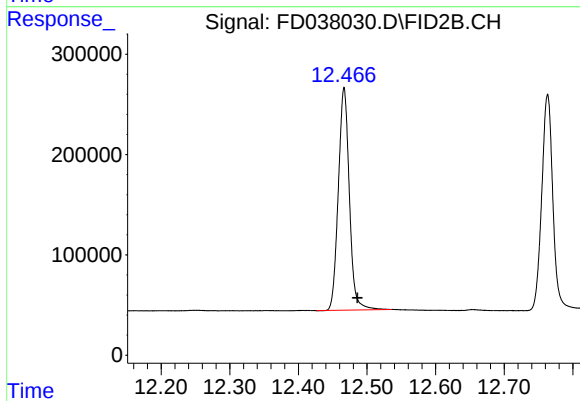
#10 Anthracene (C19.43)

R.T.: 10.732 min
Delta R.T.: -0.018 min
Response: 2486480
Conc: 16.74 ug/ml



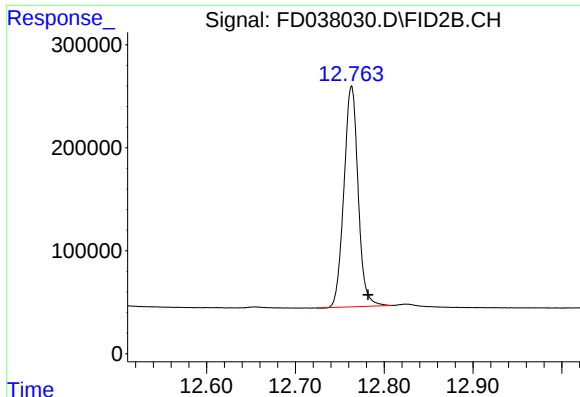
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.018 min
Response: 2896402
Conc: 18.09 ug/ml



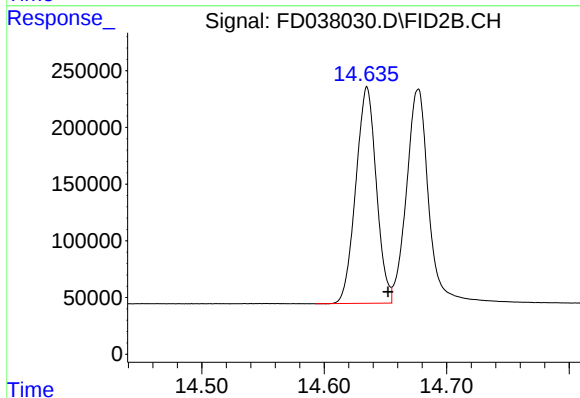
#12 Fluoranthene (C21.85)

R.T.: 12.467 min
Delta R.T.: -0.019 min
Response: 2473469
Conc: 16.41 ug/ml



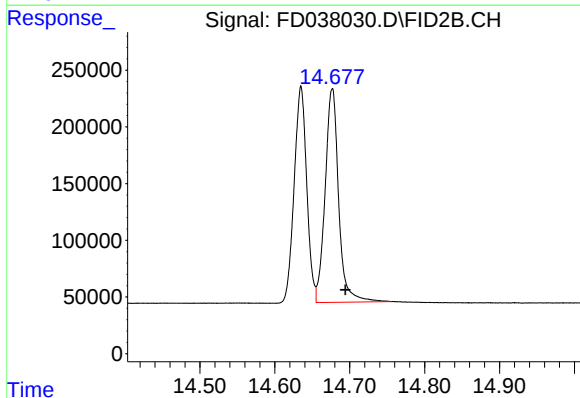
#13 Pyrene (C20.8)

R.T.: 12.763 min
Delta R.T.: -0.019 min
Response: 2379697
Conc: 16.12 ug/ml



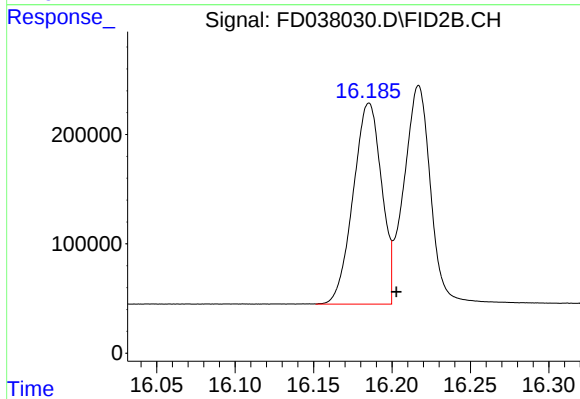
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: -0.017 min
Response: 2221318
Conc: 16.55 ug/ml



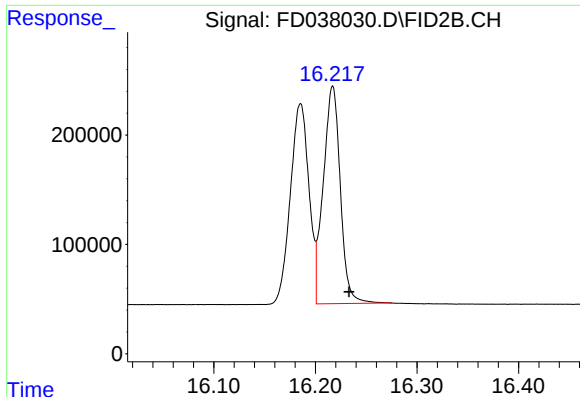
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.017 min
Response: 2365611
Conc: 16.85 ug/ml



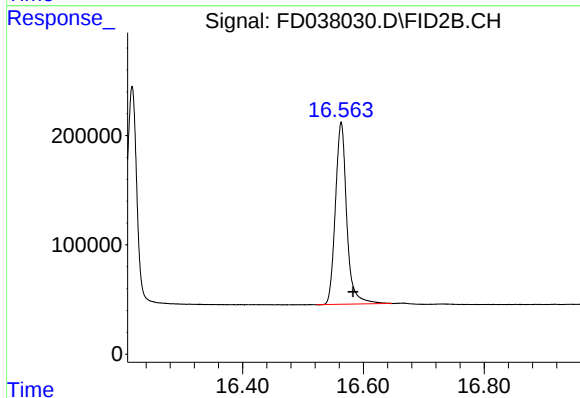
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: -0.018 min
Response: 2311451
Conc: 17.86 ug/ml m



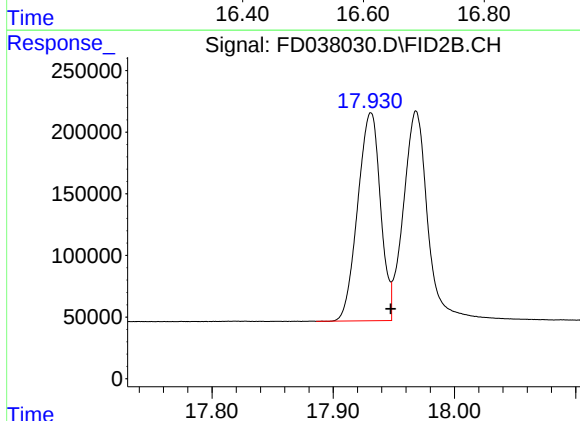
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: -0.016 min
Response: 2326817
Conc: 18.27 ug/ml



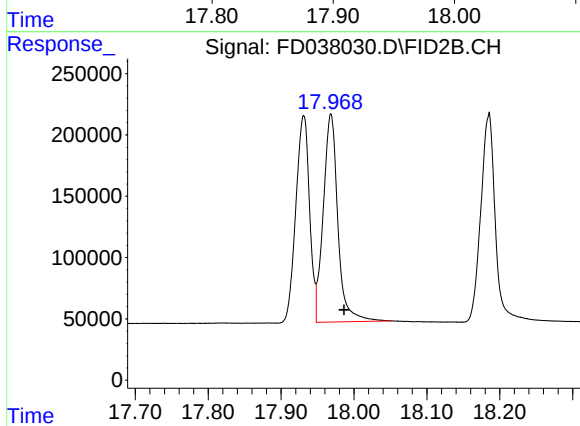
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: -0.019 min
Response: 2170930
Conc: 18.63 ug/ml



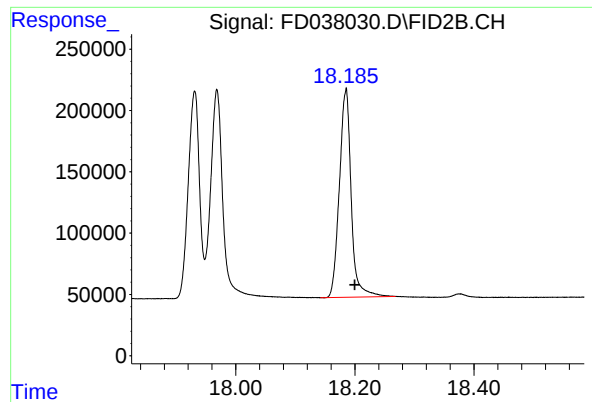
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min
Delta R.T.: -0.016 min
Response: 2199783
Conc: 19.83 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.018 min
Response: 2358183
Conc: 20.83 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.015 min
Response: 2333353
Conc: 21.15 ug/ml