

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102921AR\
 Data File : FD039370.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2021 3:37
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 04:59:50 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...	7.756	2396936	20.659 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
6) S 2-Fluorobiphenyl (SURR)	8.627	1618090	20.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.37%
11) S ortho-Terphenyl (SURR)	11.670	2617956	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.546	2580823	20.970 ug/ml
2) T Naphthalene (C11.7)	6.094	2674035	20.632 ug/ml
3) T 2-Methylnaphthalene (...)	7.148	2708291	20.392 ug/ml
5) T Acenaphthylene (C15.06)	8.429	2537988	20.563 ug/ml
7) T Acenaphthene (C15.5)	8.725	2685653	20.589 ug/ml
8) T Flouorene (C16.55)	9.508	2613253	20.182 ug/ml
9) T Phenanthrene (C19.36)	10.911	2577864	19.962 ug/ml
10) T Anthracene (C19.43)	10.985	2424302	18.950 ug/ml
12) T Fluoranthene (C21.85)	12.727	2521641	19.354 ug/ml
13) T Pyrene (C20.8)	13.026	2406782	19.032 ug/ml
14) T Benzo[a]anthracene (C...	14.899	2211646	18.699 ug/ml
15) T Chrysene (C27.41)	14.943	2342538	18.624 ug/ml
16) T benzo[b]fluoranthene ...	16.453	2228213	18.991 ug/ml
17) T Bnezo[k]fluoranthene ...	16.485	2219613	18.862 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	2167246	19.041 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	2190743	20.464 ug/ml
20) T Dibenz[a,h]anthracene...	18.238	2167745	20.332 ug/ml
21) T Benzo[g,h,i]perylene ...	18.457	2166644	20.531 ug/ml

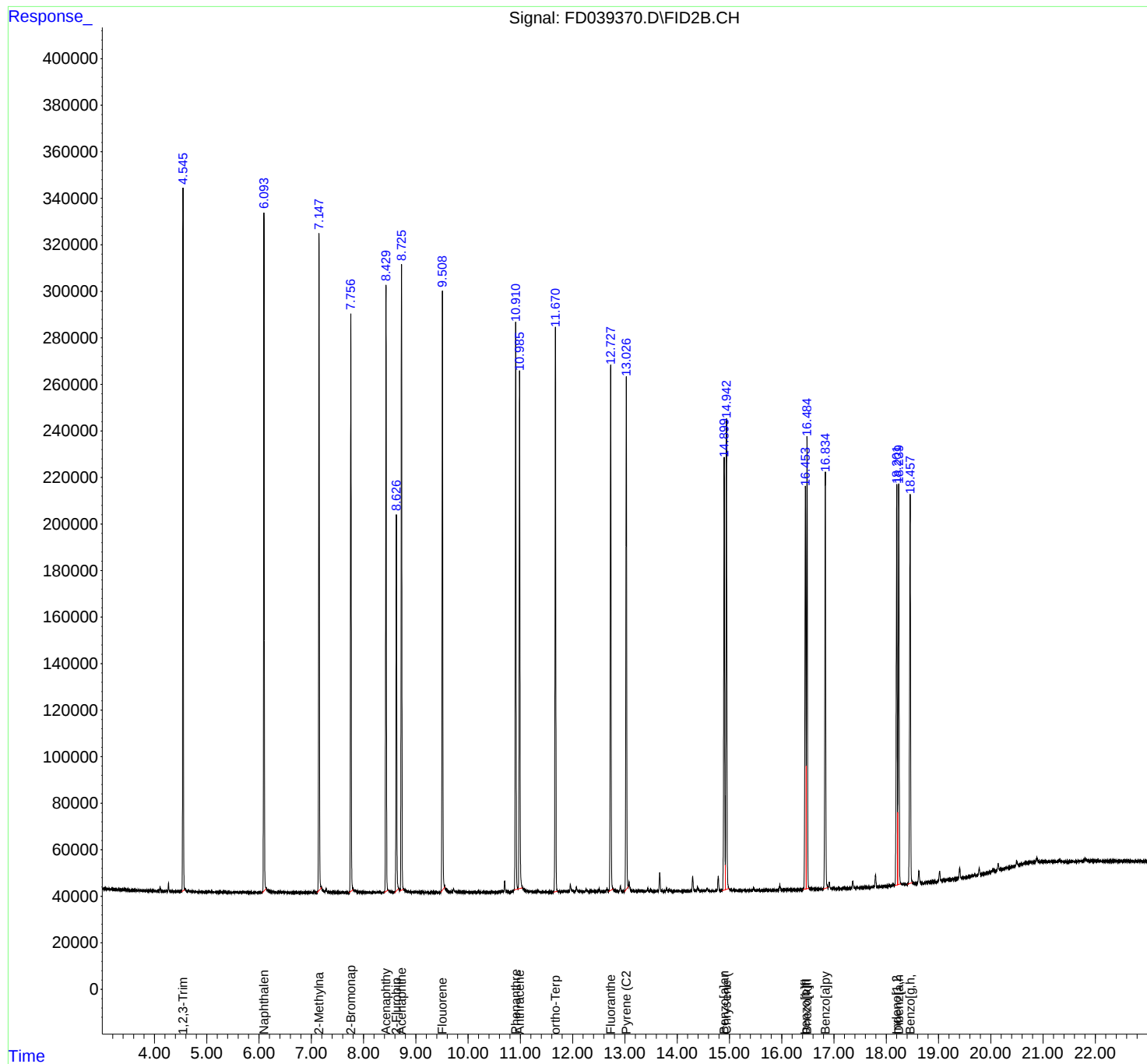
(f)=RT Delta > 1/2 Window

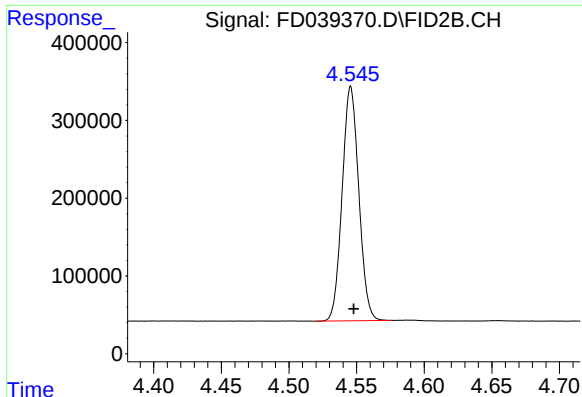
(m)=manual int.

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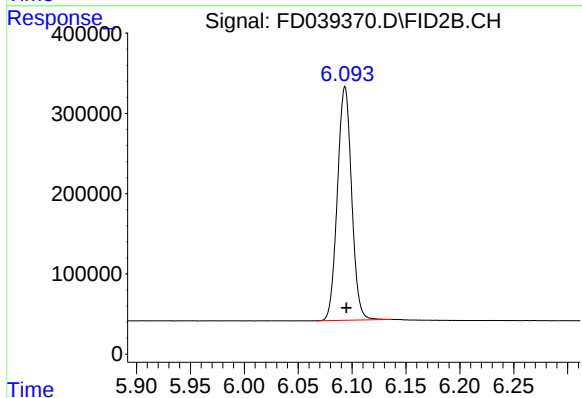
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





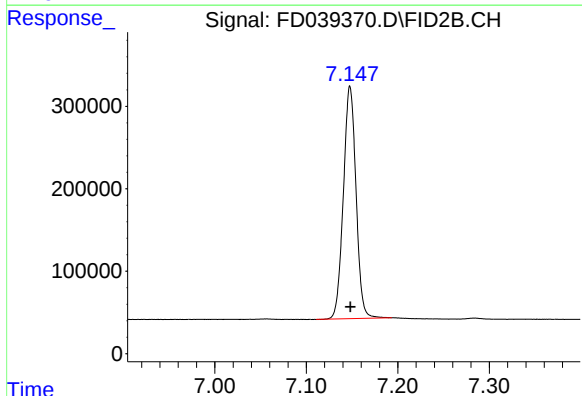
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 2580823
Conc: 20.97 ug/ml



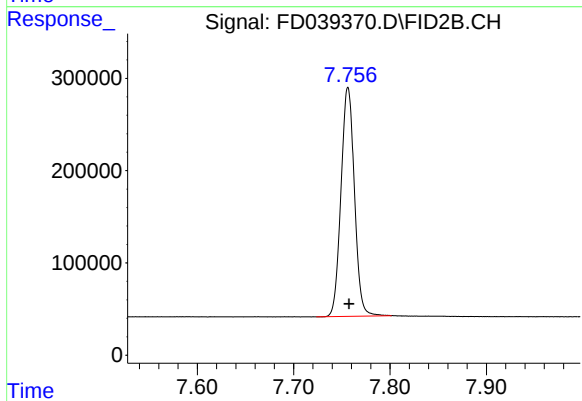
#2 Naphthalene (C11.7)

R.T.: 6.094 min
Delta R.T.: -0.001 min
Response: 2674035
Conc: 20.63 ug/ml



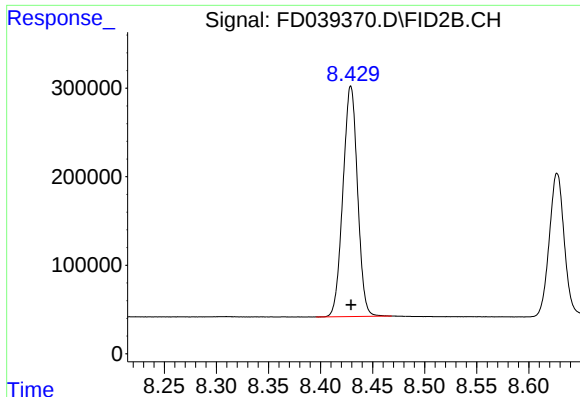
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 2708291
Conc: 20.39 ug/ml



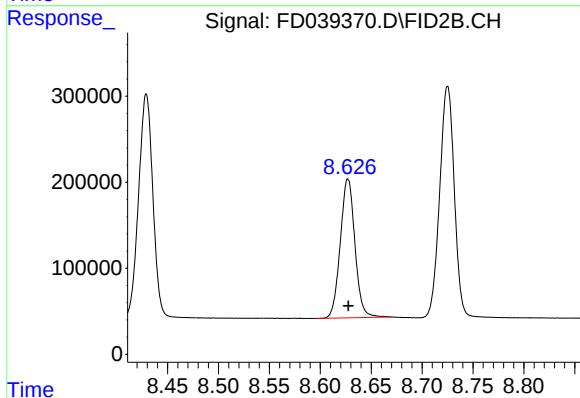
#4 2-Bromonaphthalene (SURR)

R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 2396936
Conc: 20.66 ug/ml



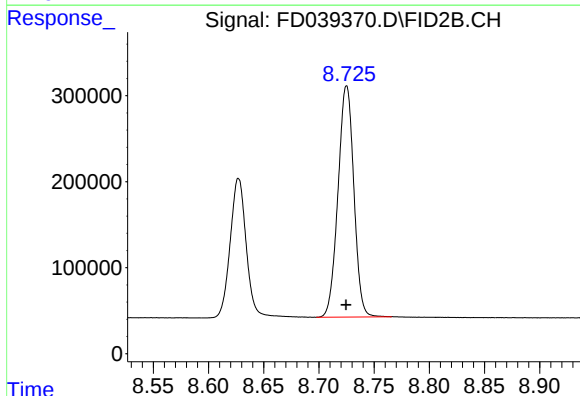
#5 Acenaphthylene (C15.06)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 2537988
Conc: 20.56 ug/ml



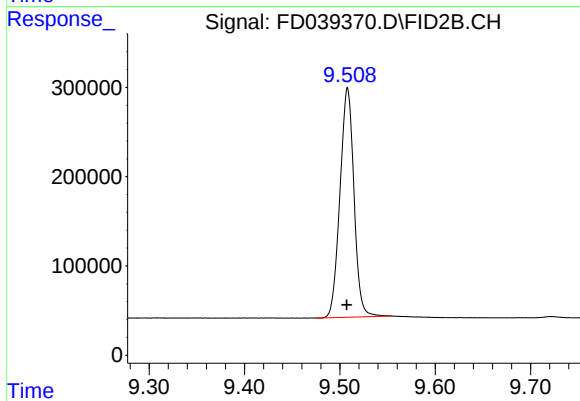
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 1618090
Conc: 20.18 ug/ml



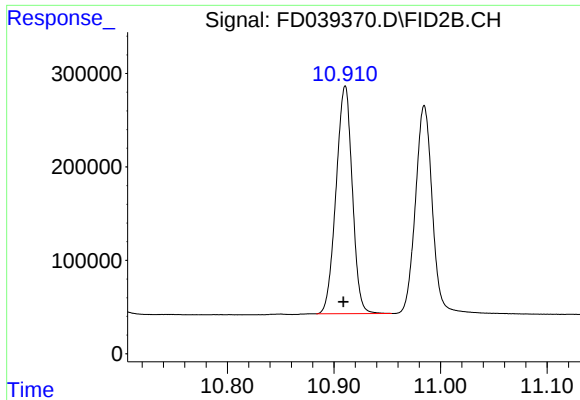
#7 Acenaphthene (C15.5)

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 2685653
Conc: 20.59 ug/ml



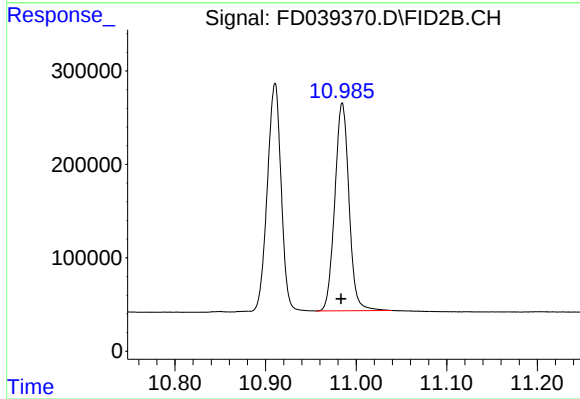
#8 Flouorene (C16.55)

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 2613253
Conc: 20.18 ug/ml



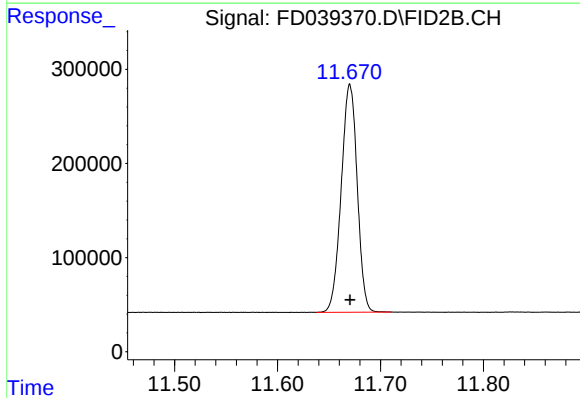
#9 Phenanthrene (C19.36)

R.T.: 10.911 min
Delta R.T.: 0.002 min
Response: 2577864
Conc: 19.96 ug/ml



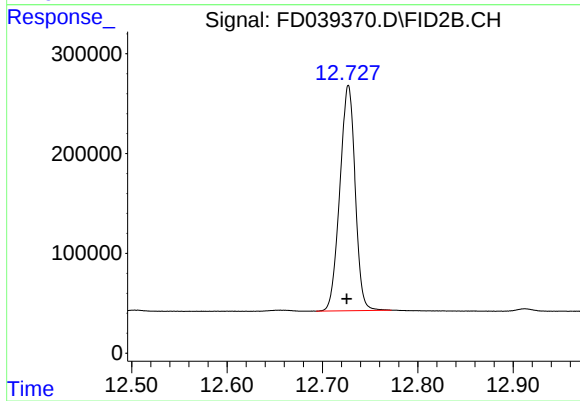
#10 Anthracene (C19.43)

R.T.: 10.985 min
Delta R.T.: 0.002 min
Response: 2424302
Conc: 18.95 ug/ml



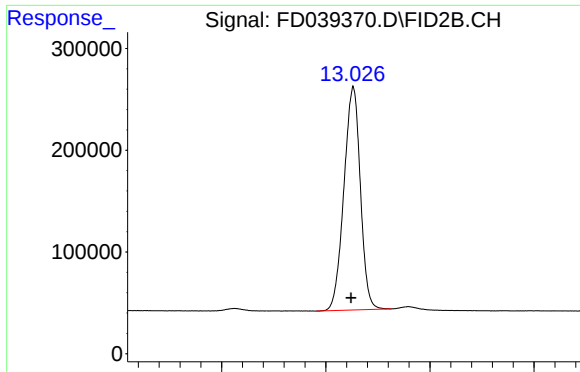
#11 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 2617956
Conc: 20.53 ug/ml



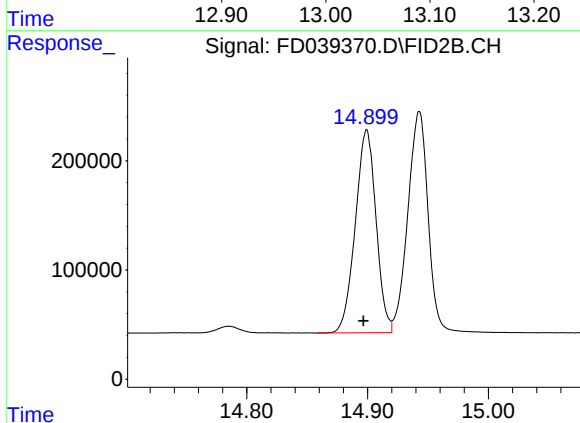
#12 Fluoranthene (C21.85)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 2521641
Conc: 19.35 ug/ml



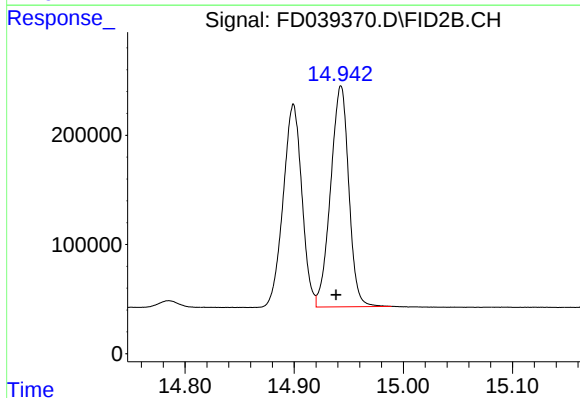
#13 Pyrene (C20.8)

R.T.: 13.026 min
Delta R.T.: 0.002 min
Response: 2406782
Conc: 19.03 ug/ml



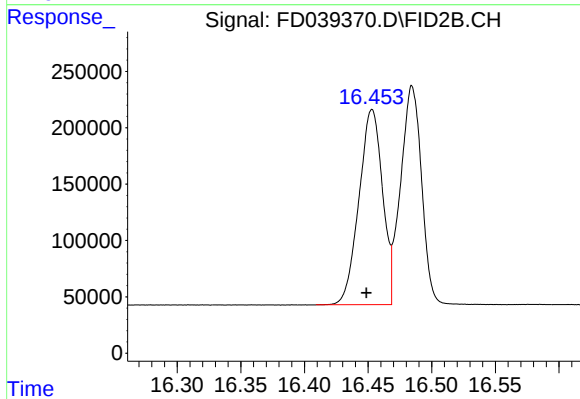
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.003 min
Response: 2211646
Conc: 18.70 ug/ml



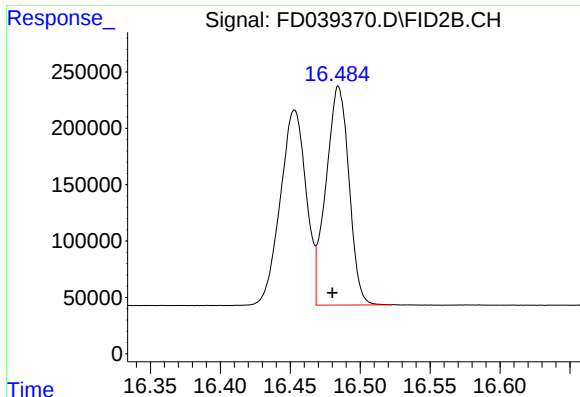
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.004 min
Response: 2342538
Conc: 18.62 ug/ml



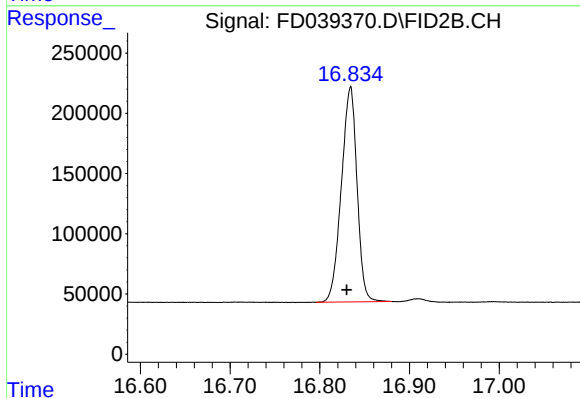
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 2228213
Conc: 18.99 ug/ml



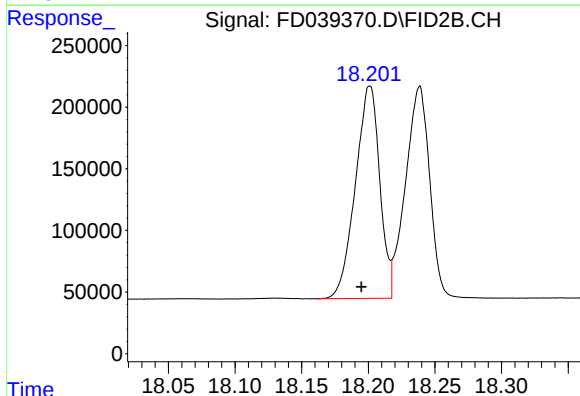
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.485 min
Delta R.T.: 0.004 min
Response: 2219613
Conc: 18.86 ug/ml



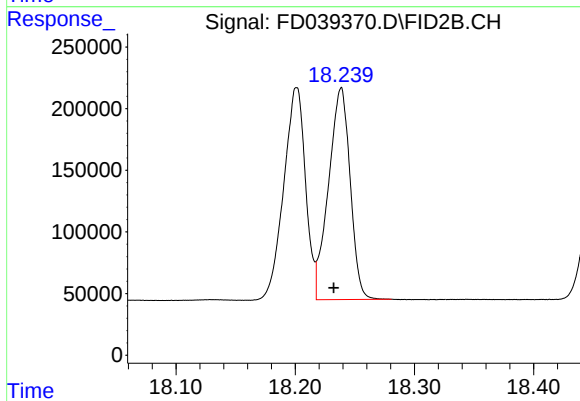
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.004 min
Response: 2167246
Conc: 19.04 ug/ml



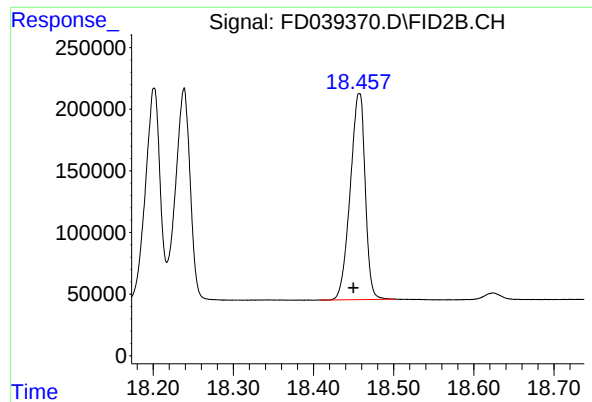
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.006 min
Response: 2190743
Conc: 20.46 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.006 min
Response: 2167745
Conc: 20.33 ug/ml



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

R.T.: 18.457 min
Delta R.T.: 0.008 min
Response: 2166644
Conc: 20.53 ug/ml