

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100621AR\
 Data File : FD039038.D
 Signal(s) : FID2B.CH
 Acq On : 06 Oct 2021 19:42
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 01:11:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.764	2442362	18.713 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
6) S 2-Fluorobiphenyl (SURR)	8.633	1648049	18.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.03%
11) S ortho-Terphenyl (SURR)	11.675	2516665	18.316 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	2656235	18.979 ug/ml
2) T Naphthalene (C11.7)	6.100	2771829	18.785 ug/ml
3) T 2-Methylnaphthalene (...)	7.154	2782986	18.680 ug/ml
5) T Acenaphthylene (C15.06)	8.435	2531782	18.477 ug/ml
7) T Acenaphthene (C15.5)	8.731	2676979	18.552 ug/ml
8) T Flouorene (C16.55)	9.513	2628154	18.512 ug/ml
9) T Phenanthrene (C19.36)	10.915	2522693	18.187 ug/ml
10) T Anthracene (C19.43)	10.989	2411405	17.637 ug/ml
12) T Fluoranthene (C21.85)	12.729	2449054	17.814 ug/ml
13) T Pyrene (C20.8)	13.028	2363880	17.639 ug/ml
14) T Benzo[a]anthracene (C...	14.899	2134353	17.546 ug/ml
15) T Chrysene (C27.41)	14.942	2237940	17.612 ug/ml
16) T benzo[b]fluoranthene ...	16.450	2156958	18.225 ug/ml
17) T Bnezo[k]fluoranthene ...	16.483	2150032	18.279 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	2124755	18.564 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.193	2124476	19.529 ug/ml
20) T Dibenz[a,h]anthracene...	18.233	2116643	19.918 ug/ml
21) T Benzo[g,h,i]perylene ...	18.450	2147116	19.829 ug/ml

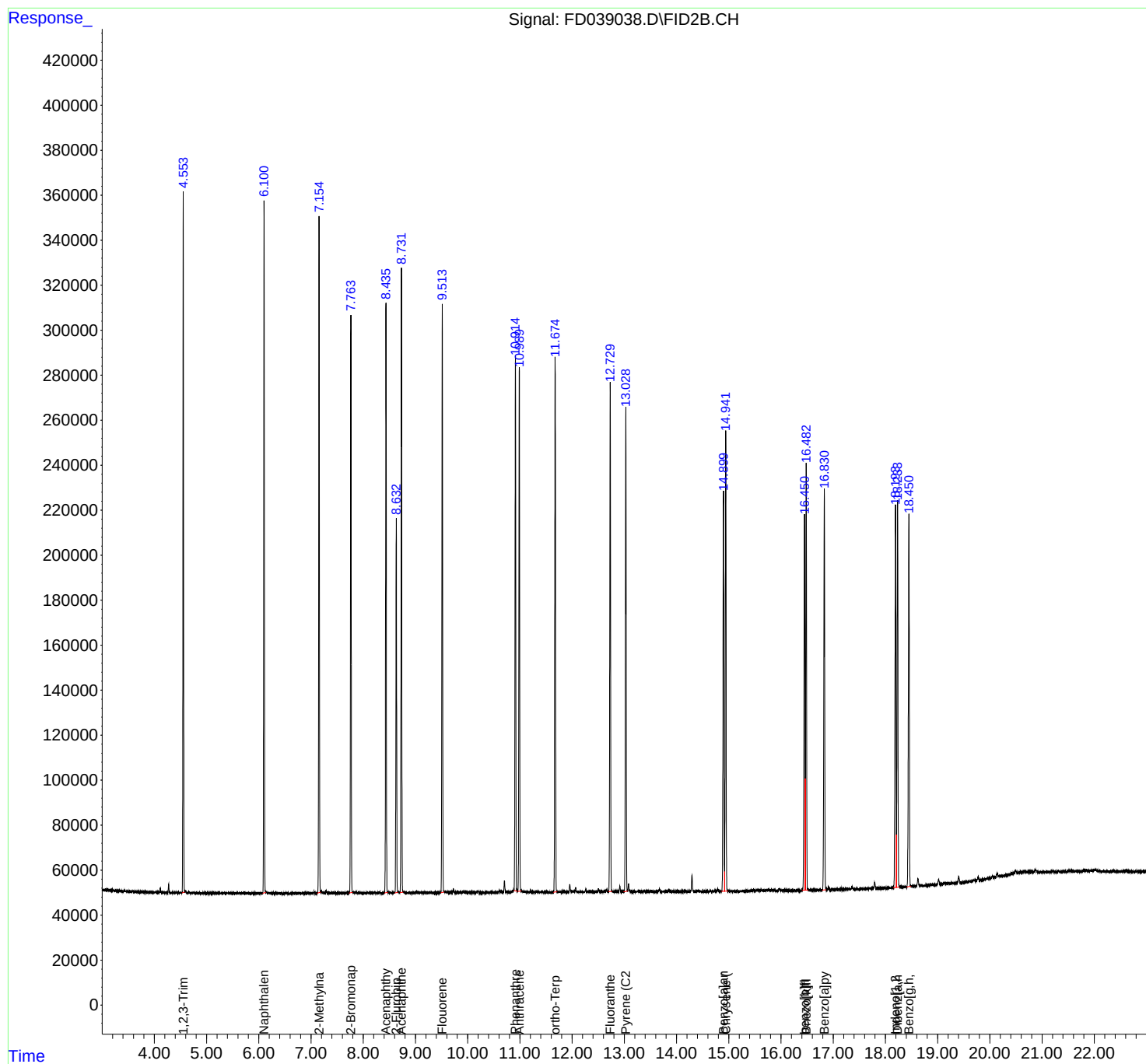
(f)=RT Delta > 1/2 Window

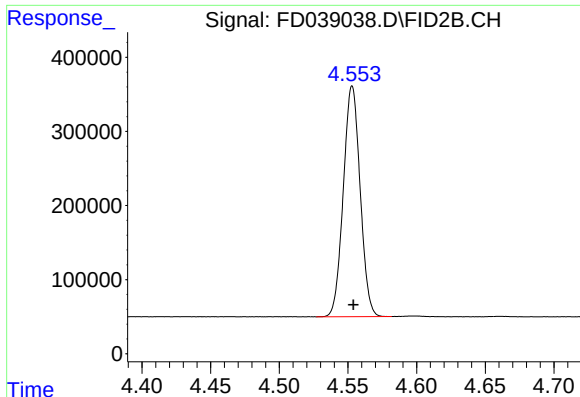
(m)=manual int.

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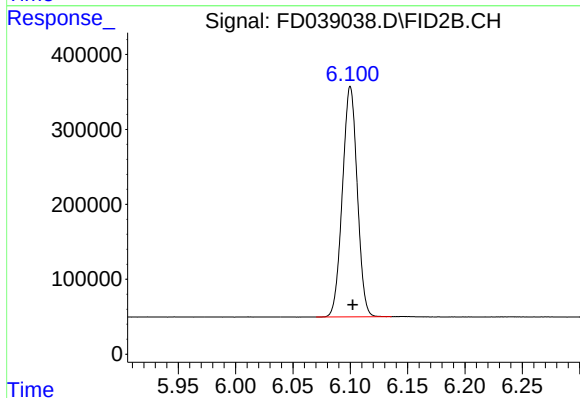
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





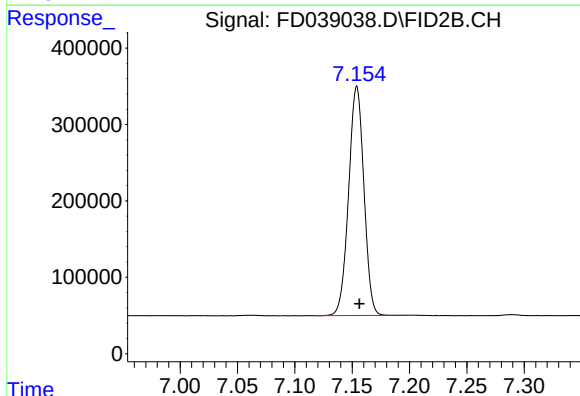
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 2656235
Conc: 18.98 ug/ml



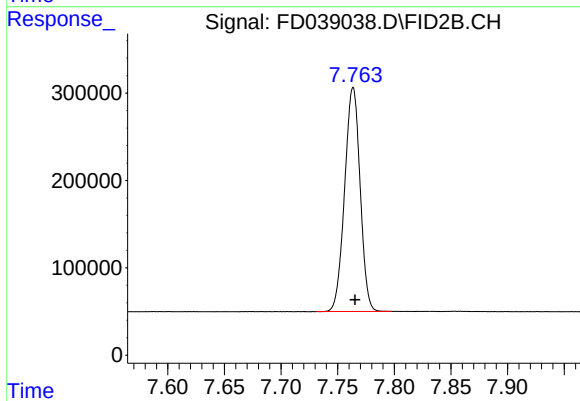
#2 Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 2771829
Conc: 18.79 ug/ml



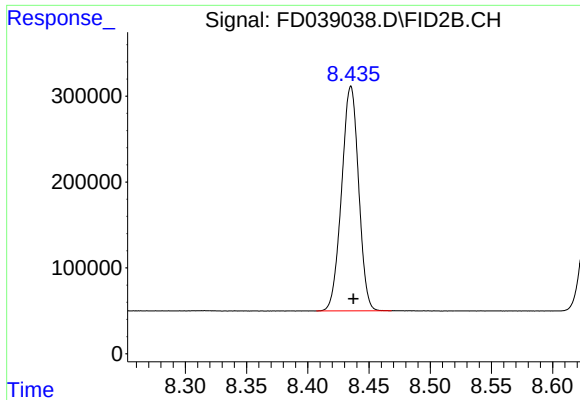
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 2782986
Conc: 18.68 ug/ml



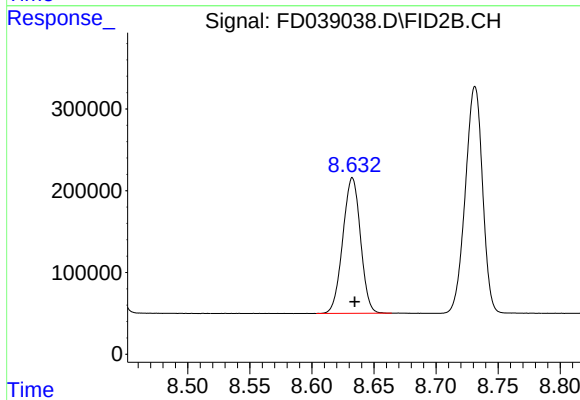
#4 2-Bromonaphthalene (SURR)

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 2442362
Conc: 18.71 ug/ml



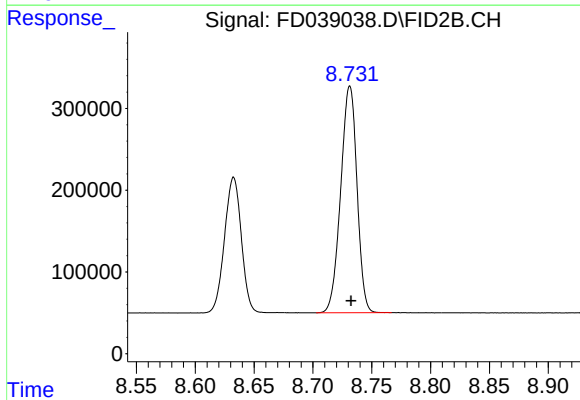
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 2531782
Conc: 18.48 ug/ml



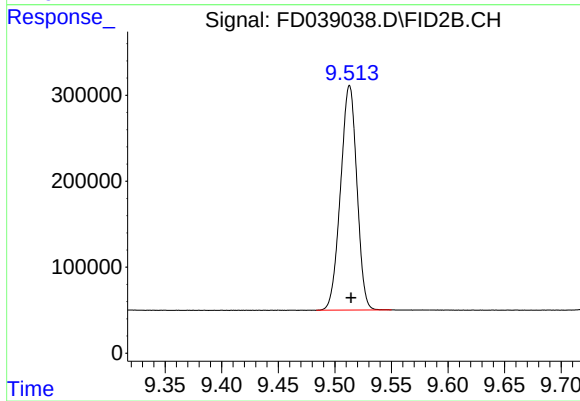
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: -0.002 min
Response: 1648049
Conc: 18.52 ug/ml



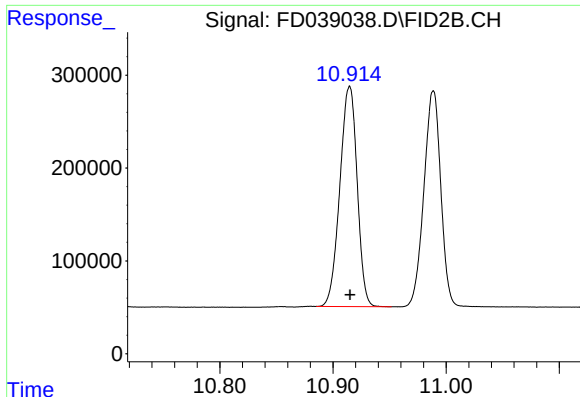
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 2676979
Conc: 18.55 ug/ml



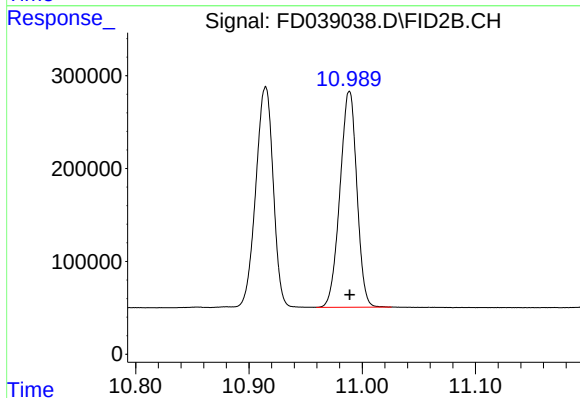
#8 Flouorene (C16.55)

R.T.: 9.513 min
Delta R.T.: -0.001 min
Response: 2628154
Conc: 18.51 ug/ml



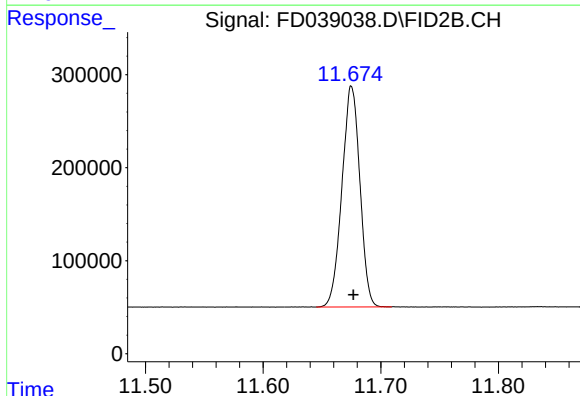
#9 Phenanthrene (C19.36)

R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 2522693
Conc: 18.19 ug/ml



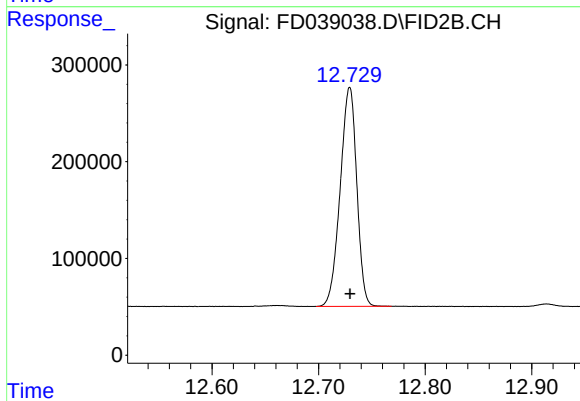
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.000 min
Response: 2411405
Conc: 17.64 ug/ml



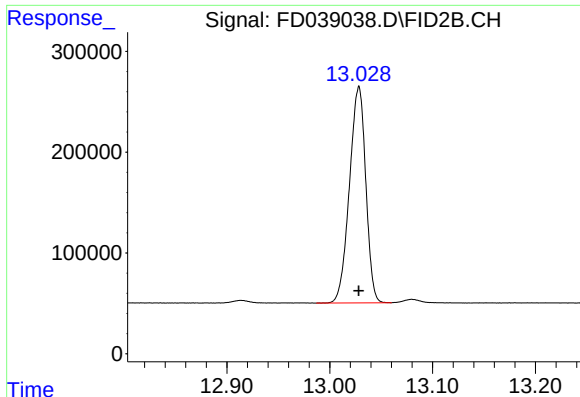
#11 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.002 min
Response: 2516665
Conc: 18.32 ug/ml



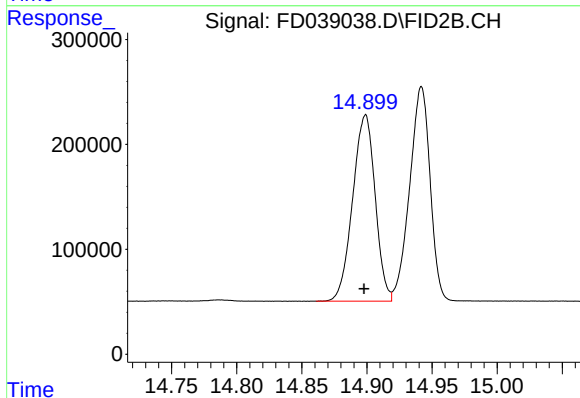
#12 Fluoranthene (C21.85)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 2449054
Conc: 17.81 ug/ml



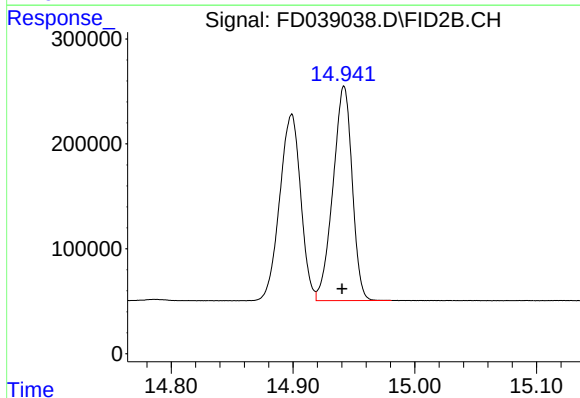
#13 Pyrene (C20.8)

R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 2363880
Conc: 17.64 ug/ml



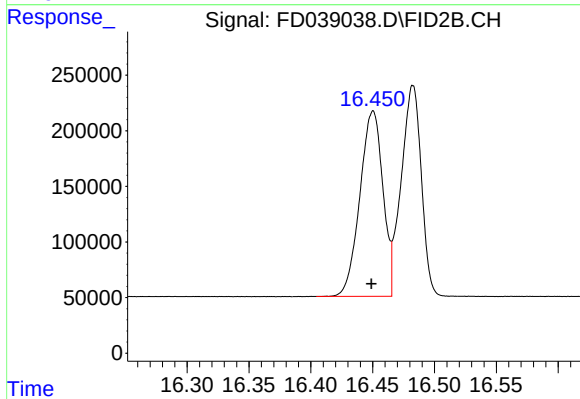
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.001 min
Response: 2134353
Conc: 17.55 ug/ml



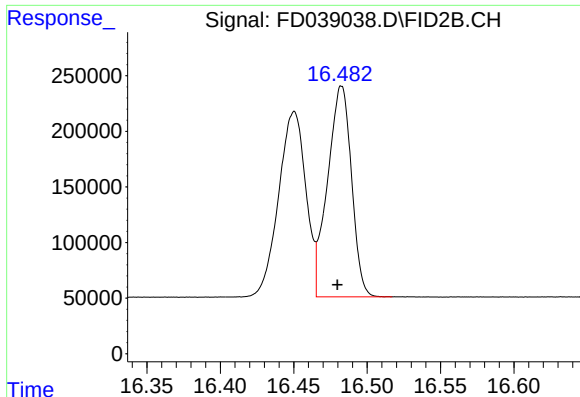
#15 Chrysene (C27.41)

R.T.: 14.942 min
Delta R.T.: 0.002 min
Response: 2237940
Conc: 17.61 ug/ml



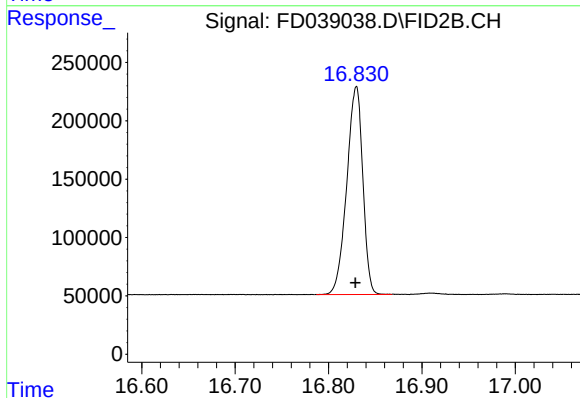
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.450 min
Delta R.T.: 0.001 min
Response: 2156958
Conc: 18.22 ug/ml



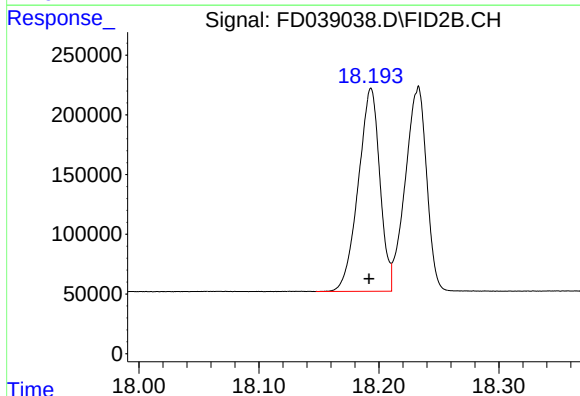
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.483 min
Delta R.T.: 0.003 min
Response: 2150032
Conc: 18.28 ug/ml



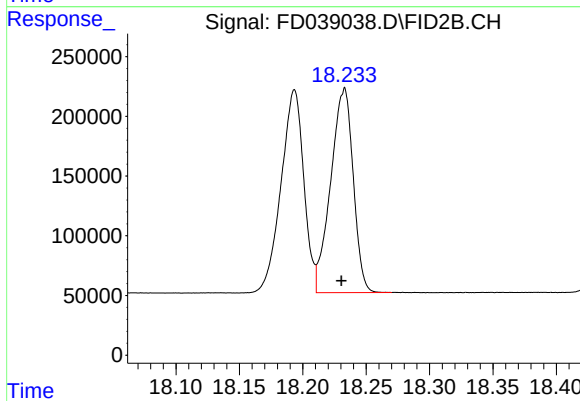
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: 0.001 min
Response: 2124755
Conc: 18.56 ug/ml



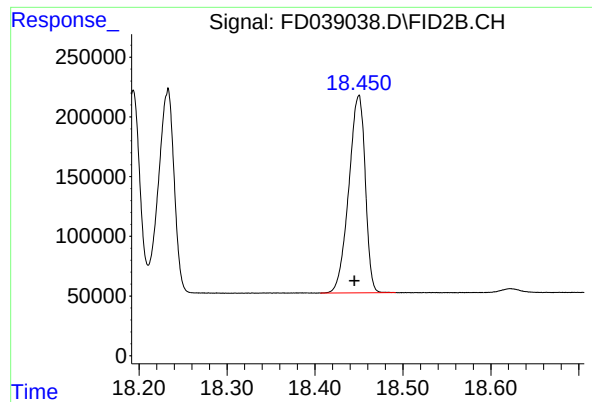
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.193 min
Delta R.T.: 0.002 min
Response: 2124476
Conc: 19.53 ug/ml



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

R.T.: 18.233 min
Delta R.T.: 0.002 min
Response: 2116643
Conc: 19.92 ug/ml



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

R.T.: 18.450 min
Delta R.T.: 0.005 min
Response: 2147116
Conc: 19.83 ug/ml