

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102521AR\
 Data File : FD039268.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 11:40
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 12:09:33 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...	7.759	2622156	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.630	1722141	19.349 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.70%
11) S ortho-Terphenyl (SURR)	11.674	2694579	19.611 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	2949877	21.077 ug/ml
2) T Naphthalene (C11.7)	6.096	2983732	20.221 ug/ml
3) T 2-Methylnaphthalene (...)	7.150	2974315	19.964 ug/ml
5) T Acenaphthylene (C15.06)	8.432	2710977	19.785 ug/ml
7) T Acenaphthene (C15.5)	8.728	2854376	19.782 ug/ml
8) T Fluorene (C16.55)	9.511	2752801	19.390 ug/ml
9) T Phenanthrene (C19.36)	10.913	2647482	19.087 ug/ml
10) T Anthracene (C19.43)	10.988	2579200	18.865 ug/ml
12) T Fluoranthene (C21.85)	12.731	2611389	18.995 ug/ml
13) T Pyrene (C20.8)	13.029	2531116	18.887 ug/ml
14) T Benzo[a]anthracene (C...	14.903	2433875	20.008 ug/ml
15) T Chrysene (C27.41)	14.946	2551828	20.082 ug/ml
16) T benzo[b]fluoranthene ...	16.457	2551672	21.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.490	2530764	21.516 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.837	2506787	21.902 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.204	2472678	22.729 ug/ml
20) T Dibenz[a,h]anthracene...	18.242	2444419	23.002 ug/ml
21) T Benzo[g,h,i]perylene ...	18.462	2495417	23.046 ug/ml

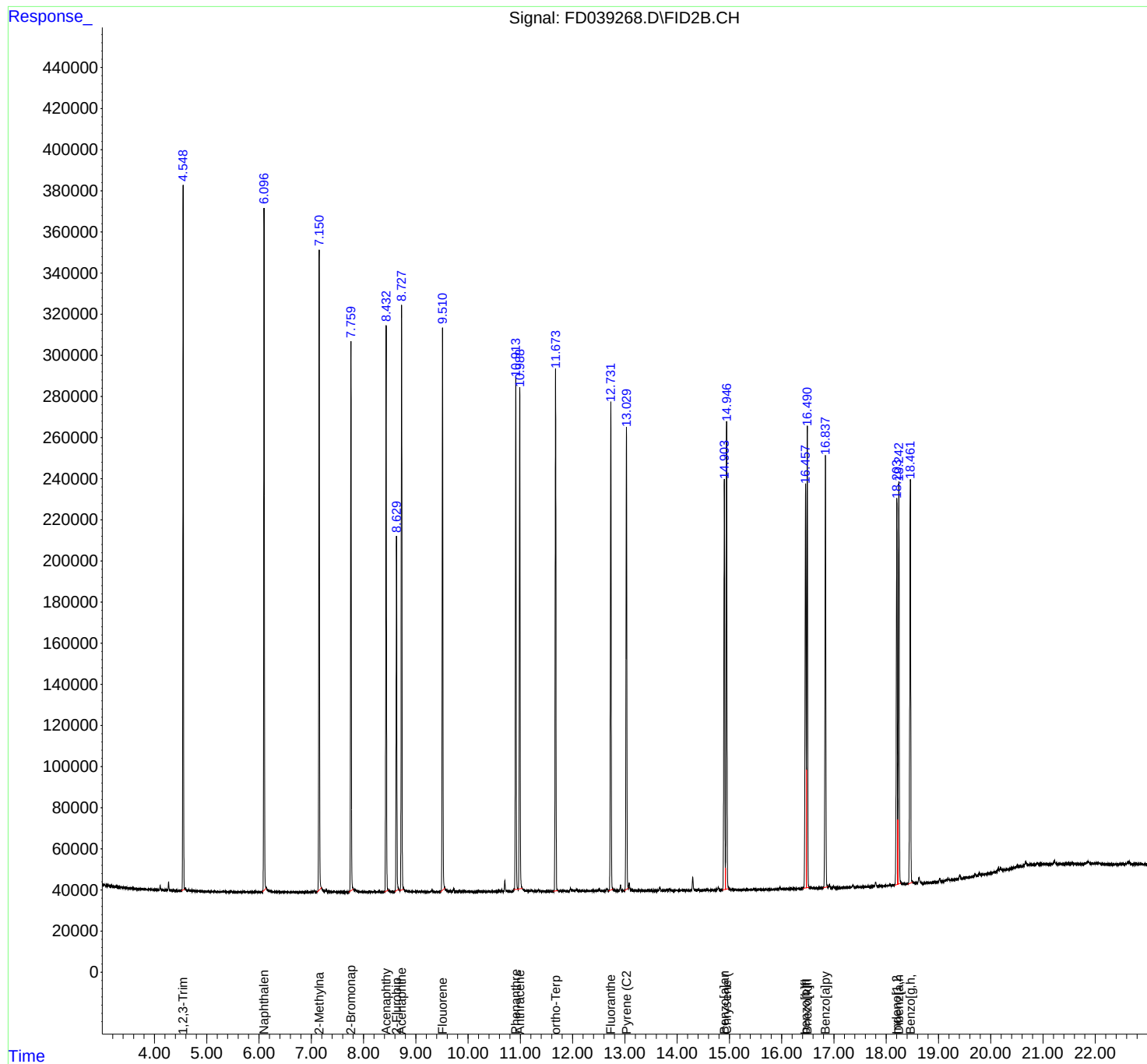
(f)=RT Delta > 1/2 Window

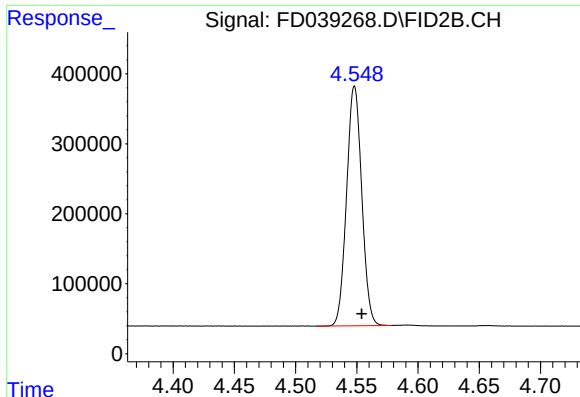
(m)=manual int.

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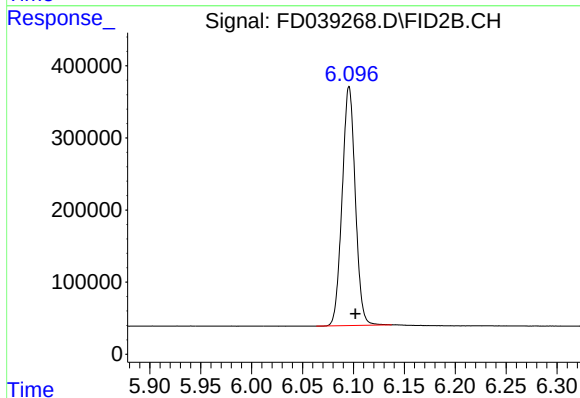
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Signal Info : 20M x 0.18mm x 0.18µm





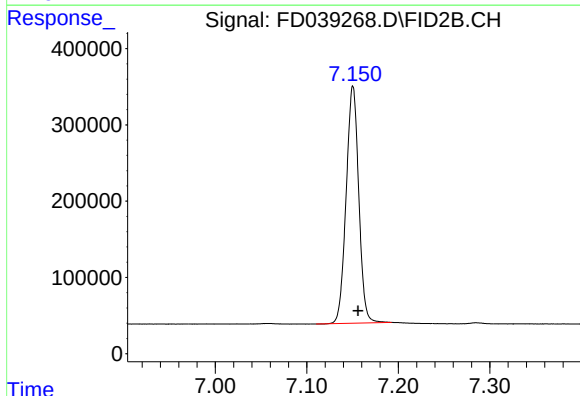
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 2949877
Conc: 21.08 ug/ml



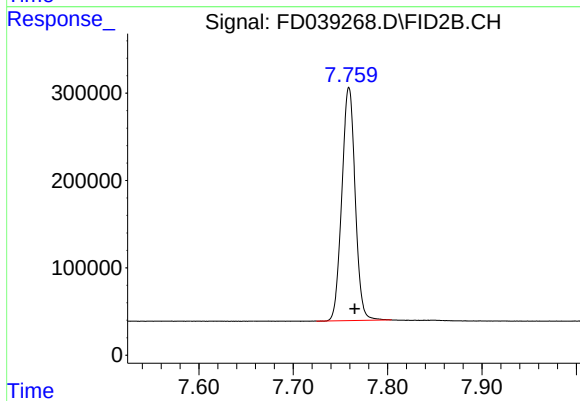
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 2983732
Conc: 20.22 ug/ml



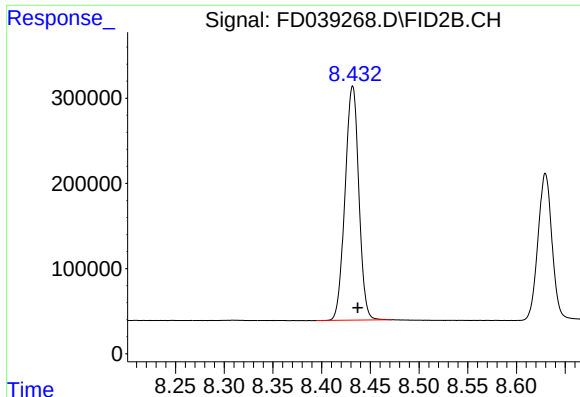
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: -0.006 min
Response: 2974315
Conc: 19.96 ug/ml



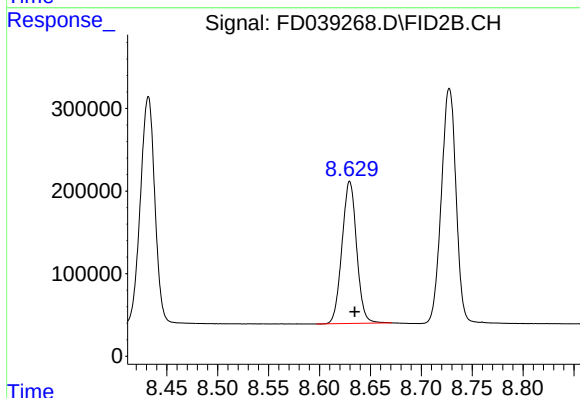
#4 2-Bromonaphthalene (SURR)

R.T.: 7.759 min
Delta R.T.: -0.006 min
Response: 2622156
Conc: 20.09 ug/ml



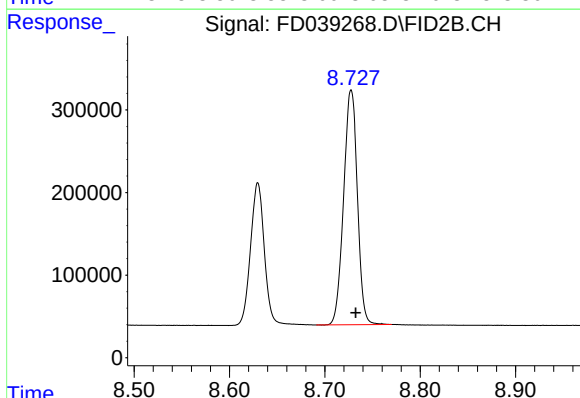
#5 Acenaphthylene (C15.06)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 2710977
Conc: 19.78 ug/ml



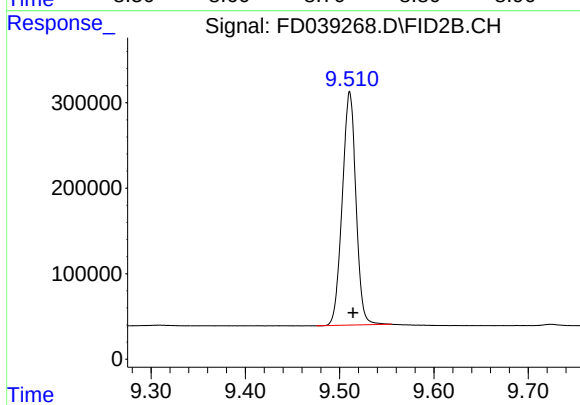
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.630 min
Delta R.T.: -0.005 min
Response: 1722141
Conc: 19.35 ug/ml



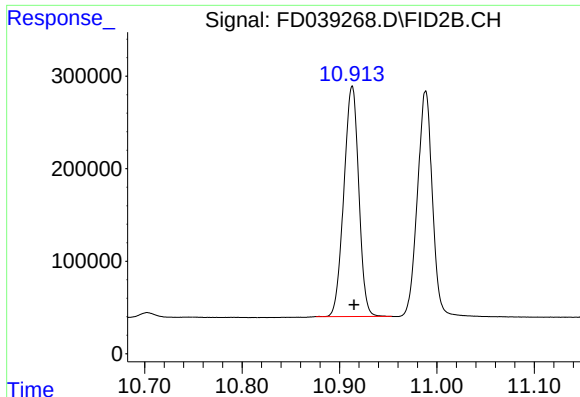
#7 Acenaphthene (C15.5)

R.T.: 8.728 min
Delta R.T.: -0.005 min
Response: 2854376
Conc: 19.78 ug/ml



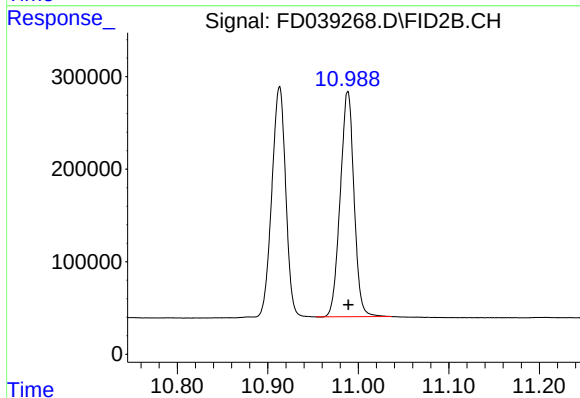
#8 Fluorene (C16.55)

R.T.: 9.511 min
Delta R.T.: -0.003 min
Response: 2752801
Conc: 19.39 ug/ml



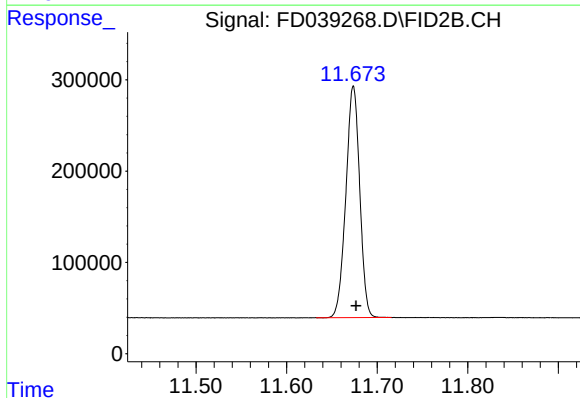
#9 Phenanthrene (C19.36)

R.T.: 10.913 min
Delta R.T.: -0.002 min
Response: 2647482
Conc: 19.09 ug/ml



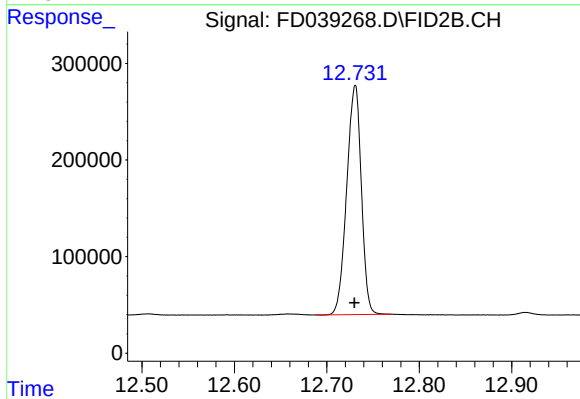
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.000 min
Response: 2579200
Conc: 18.86 ug/ml



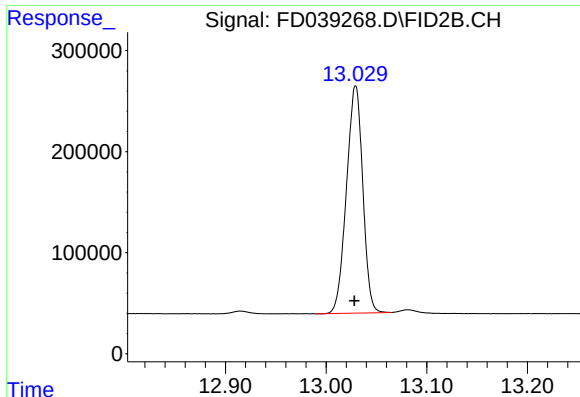
#11 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.003 min
Response: 2694579
Conc: 19.61 ug/ml



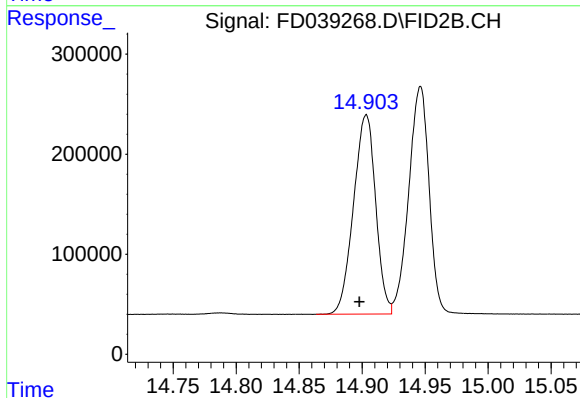
#12 Fluoranthene (C21.85)

R.T.: 12.731 min
Delta R.T.: 0.001 min
Response: 2611389
Conc: 18.99 ug/ml



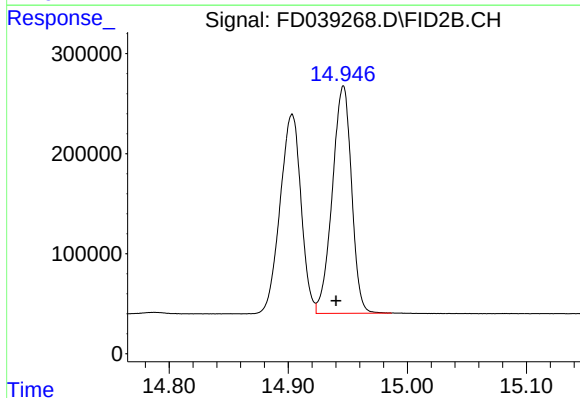
#13 Pyrene (C20.8)

R.T.: 13.029 min
Delta R.T.: 0.001 min
Response: 2531116
Conc: 18.89 ug/ml



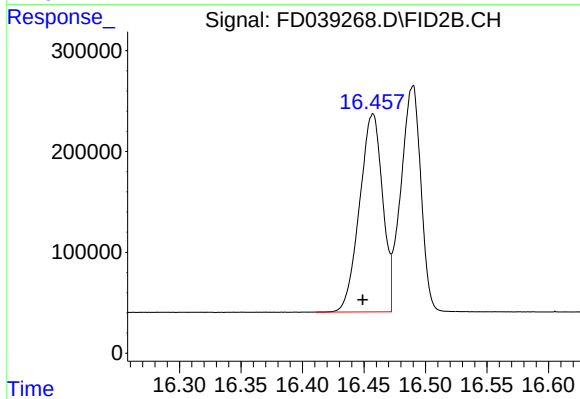
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.903 min
Delta R.T.: 0.005 min
Response: 2433875
Conc: 20.01 ug/ml



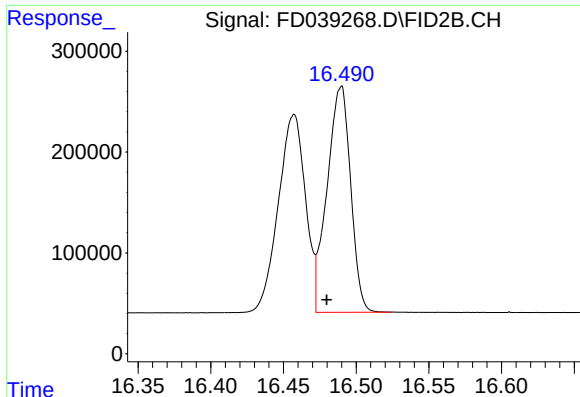
#15 Chrysene (C27.41)

R.T.: 14.946 min
Delta R.T.: 0.006 min
Response: 2551828
Conc: 20.08 ug/ml



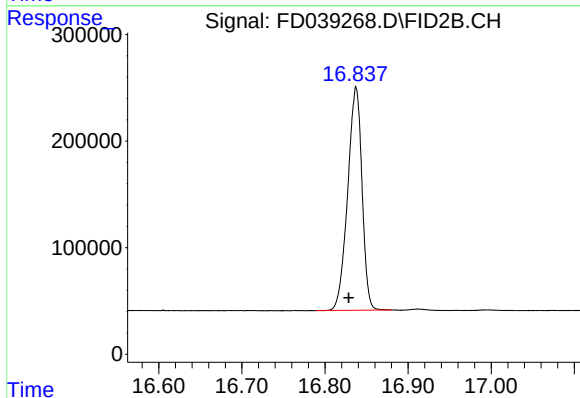
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.457 min
Delta R.T.: 0.008 min
Response: 2551672
Conc: 21.56 ug/ml



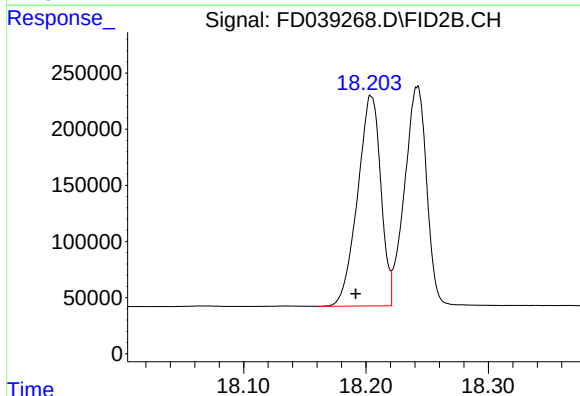
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.490 min
Delta R.T.: 0.010 min
Response: 2530764
Conc: 21.52 ug/ml



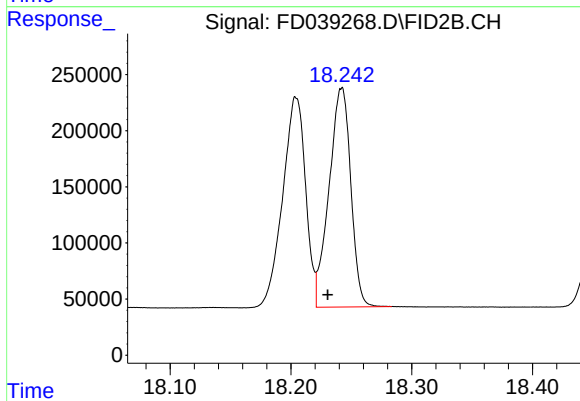
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.837 min
Delta R.T.: 0.009 min
Response: 2506787
Conc: 21.90 ug/ml



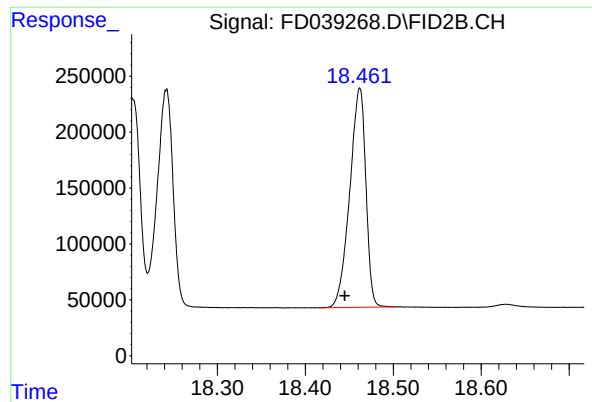
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.204 min
Delta R.T.: 0.013 min
Response: 2472678
Conc: 22.73 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.012 min
Response: 2444419
Conc: 23.00 ug/ml



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

R.T.: 18.462 min
Delta R.T.: 0.017 min
Response: 2495417
Conc: 23.05 ug/ml