

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102721AR\
 Data File : FD039332.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2021 13:33
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 13:57:04 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...	7.759	2361350	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.631	1595058	19.896 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.79%
11) S ortho-Terphenyl (SURR)	11.673	2571446	20.161 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	2531198	20.567 ug/ml
2) T Naphthalene (C11.7)	6.096	2623189	20.240 ug/ml
3) T 2-Methylnaphthalene (...)	7.151	2655053	19.992 ug/ml
5) T Acenaphthylene (C15.06)	8.433	2503020	20.280 ug/ml
7) T Acenaphthene (C15.5)	8.728	2632802	20.184 ug/ml
8) T Fluorene (C16.55)	9.511	2584076	19.957 ug/ml
9) T Phenanthrene (C19.36)	10.914	2556856	19.799 ug/ml
10) T Anthracene (C19.43)	10.988	2457614	19.210 ug/ml
12) T Fluoranthene (C21.85)	12.731	2516034	19.311 ug/ml
13) T Pyrene (C20.8)	13.030	2413498	19.085 ug/ml
14) T Benzo[a]anthracene (C...	14.904	2221445	18.781 ug/ml
15) T Chrysene (C27.41)	14.947	2340601	18.608 ug/ml
16) T benzo[b]fluoranthene ...	16.458	2216435	18.891 ug/ml
17) T Bnezo[k]fluoranthene ...	16.490	2215164	18.824 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.838	2163806	19.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.206	2158289	20.160 ug/ml
20) T Dibenz[a,h]anthracene...	18.243	2137114	20.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.462	2152269	20.395 ug/ml

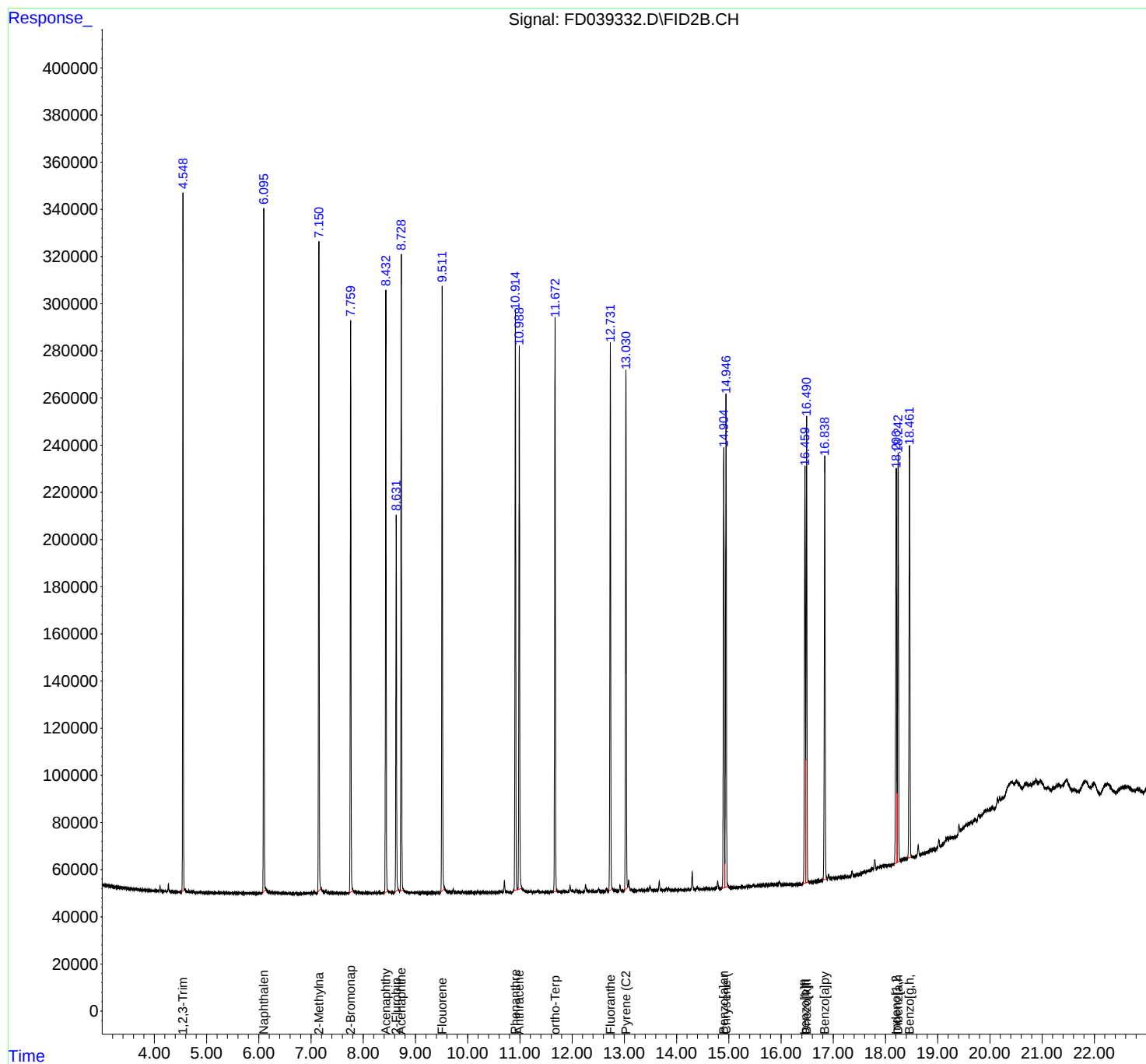
(f)=RT Delta > 1/2 Window

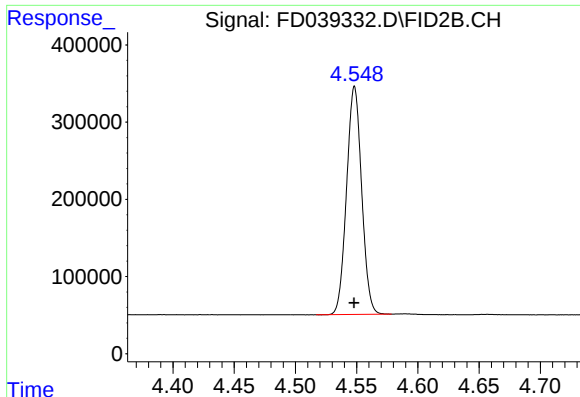
(m)=manual int.

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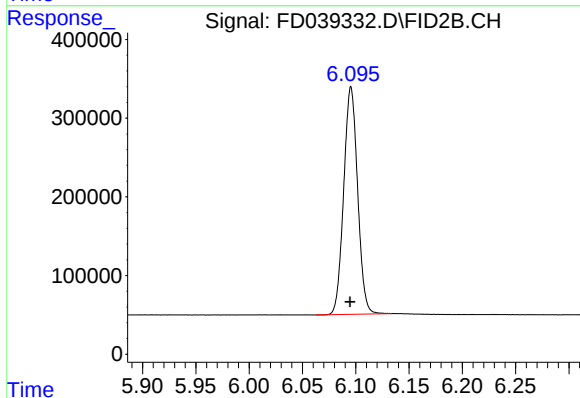
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Signal Info : 20M x 0.18mm x 0.18µm





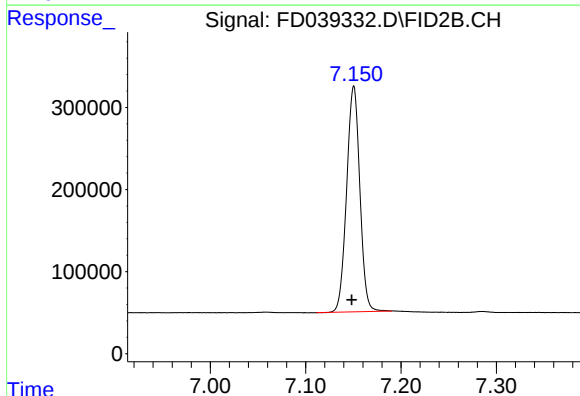
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 2531198
Conc: 20.57 ug/ml



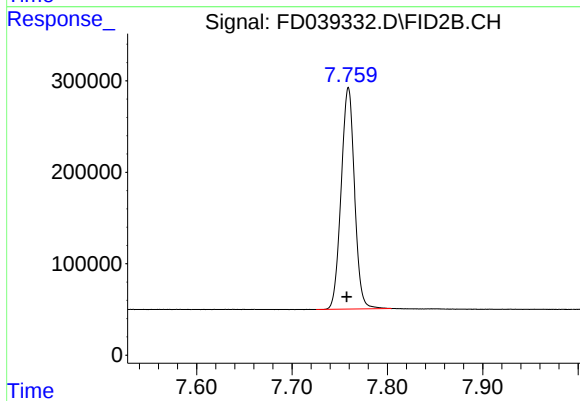
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 2623189
Conc: 20.24 ug/ml



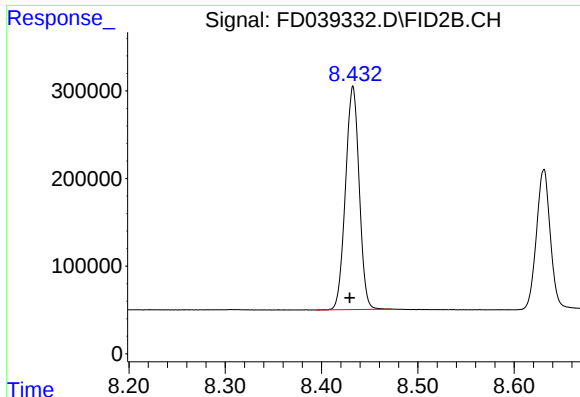
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 2655053
Conc: 19.99 ug/ml



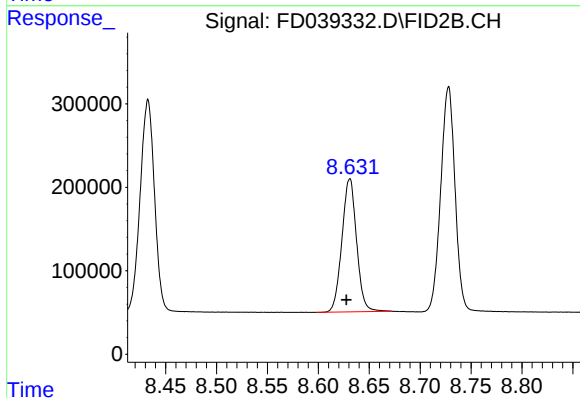
#4 2-Bromonaphthalene (SURR)

R.T.: 7.759 min
Delta R.T.: 0.002 min
Response: 2361350
Conc: 20.35 ug/ml



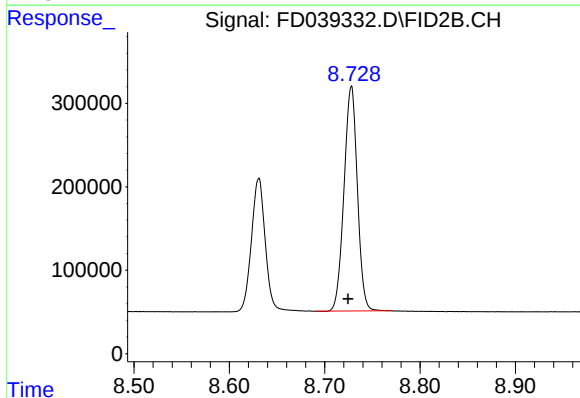
#5 Acenaphthylene (C15.06)

R.T.: 8.433 min
Delta R.T.: 0.003 min
Response: 2503020
Conc: 20.28 ug/ml



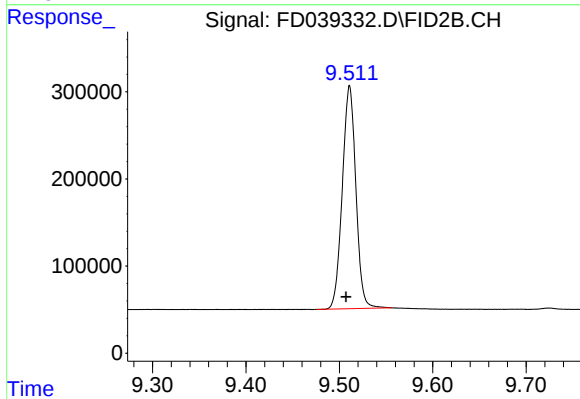
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: 0.004 min
Response: 1595058
Conc: 19.90 ug/ml



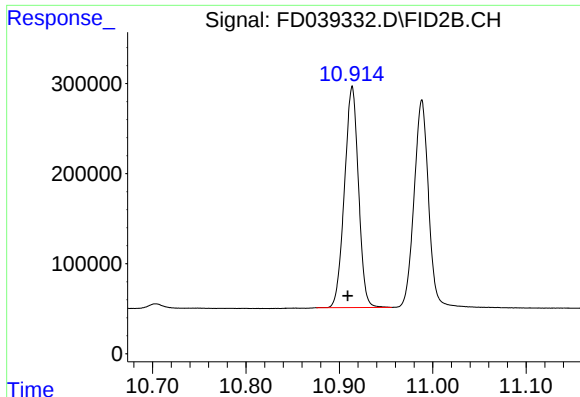
#7 Acenaphthene (C15.5)

R.T.: 8.728 min
Delta R.T.: 0.004 min
Response: 2632802
Conc: 20.18 ug/ml



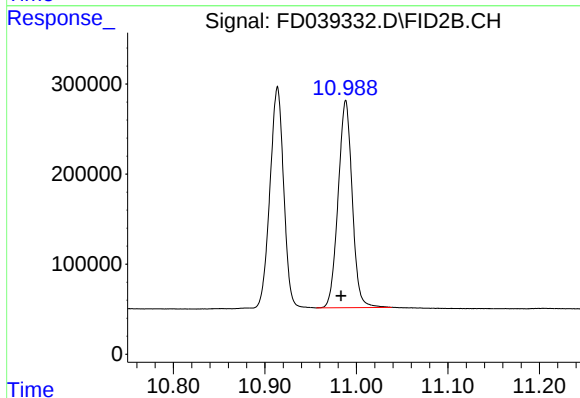
#8 Flouorene (C16.55)

R.T.: 9.511 min
Delta R.T.: 0.004 min
Response: 2584076
Conc: 19.96 ug/ml



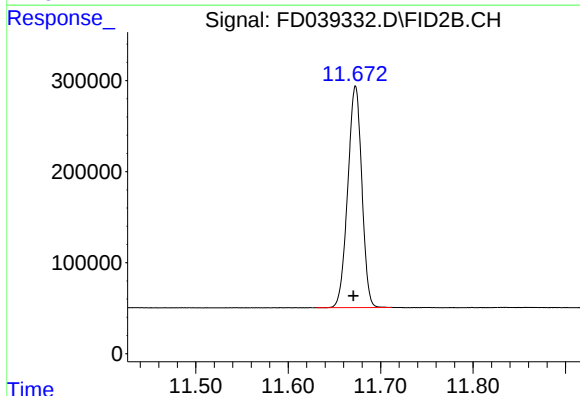
#9 Phenanthrene (C19.36)

R.T.: 10.914 min
Delta R.T.: 0.005 min
Response: 2556856
Conc: 19.80 ug/ml



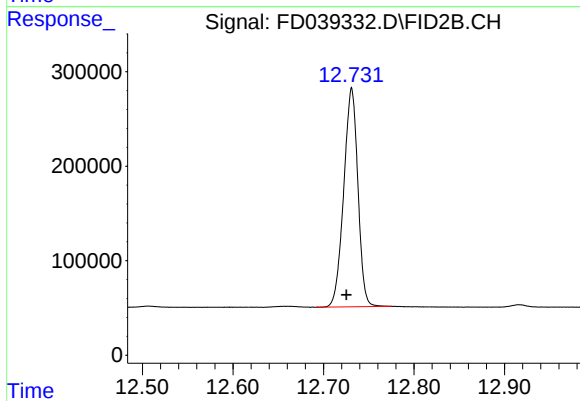
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.005 min
Response: 2457614
Conc: 19.21 ug/ml



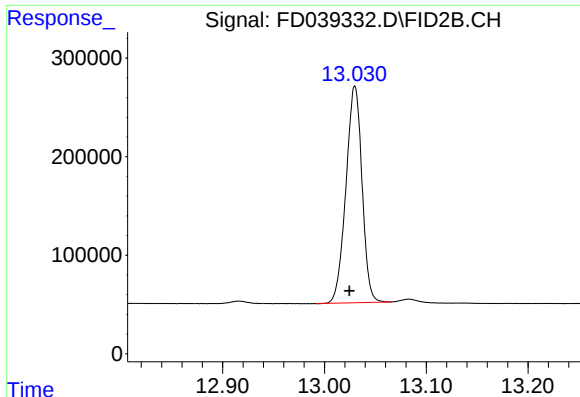
#11 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.002 min
Response: 2571446
Conc: 20.16 ug/ml



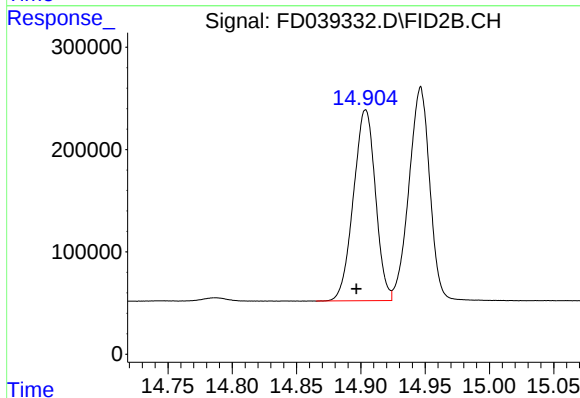
#12 Fluoranthene (C21.85)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2516034
Conc: 19.31 ug/ml



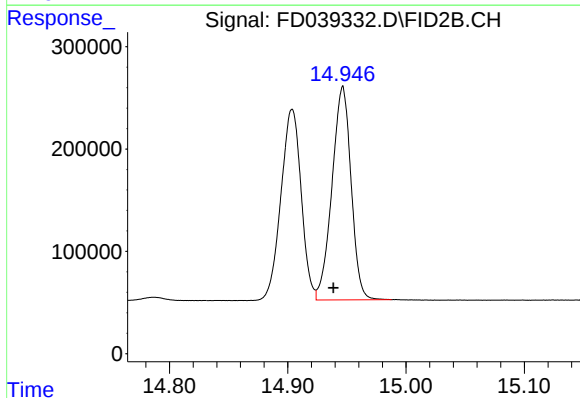
#13 Pyrene (C20.8)

R.T.: 13.030 min
Delta R.T.: 0.006 min
Response: 2413498
Conc: 19.08 ug/ml



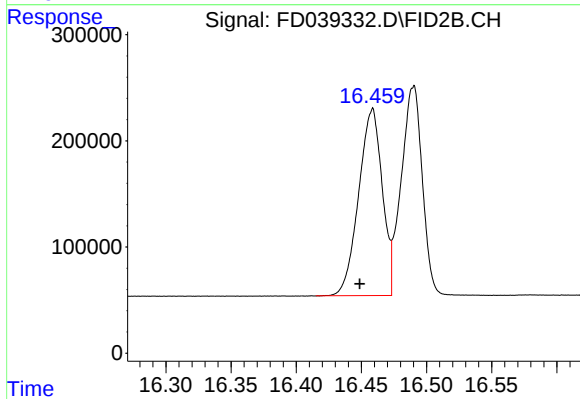
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.904 min
Delta R.T.: 0.007 min
Response: 2221445
Conc: 18.78 ug/ml



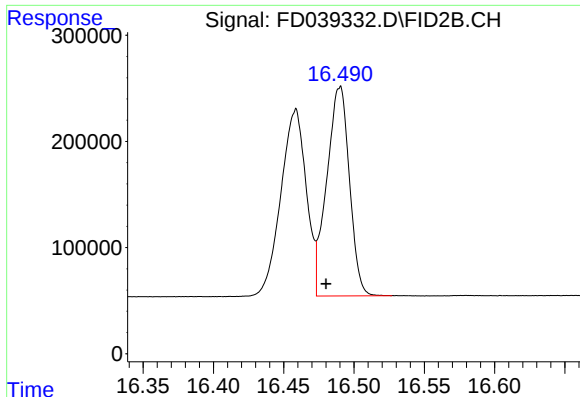
#15 Chrysene (C27.41)

R.T.: 14.947 min
Delta R.T.: 0.008 min
Response: 2340601
Conc: 18.61 ug/ml



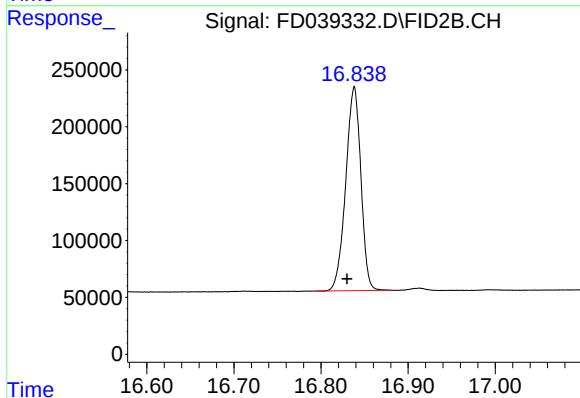
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.458 min
Delta R.T.: 0.010 min
Response: 2216435
Conc: 18.89 ug/ml



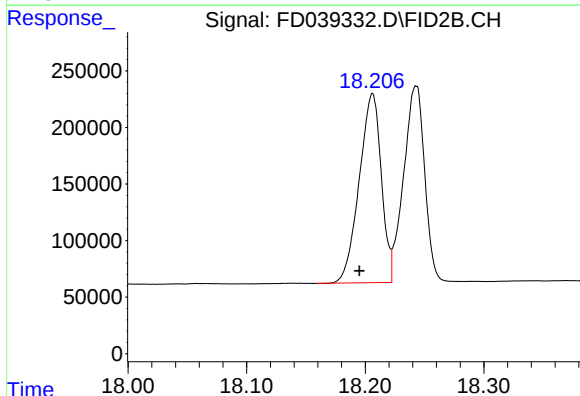
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.490 min
Delta R.T.: 0.010 min
Response: 2215164
Conc: 18.82 ug/ml



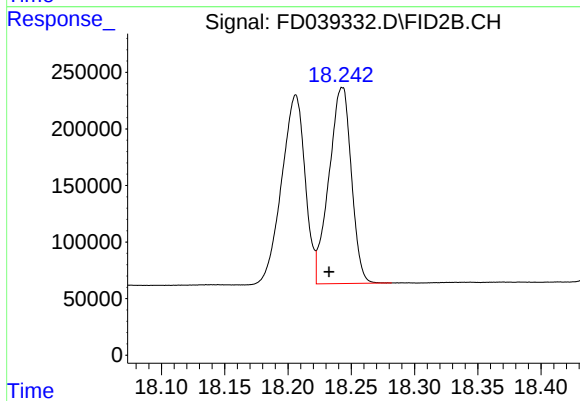
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.838 min
Delta R.T.: 0.008 min
Response: 2163806
Conc: 19.01 ug/ml



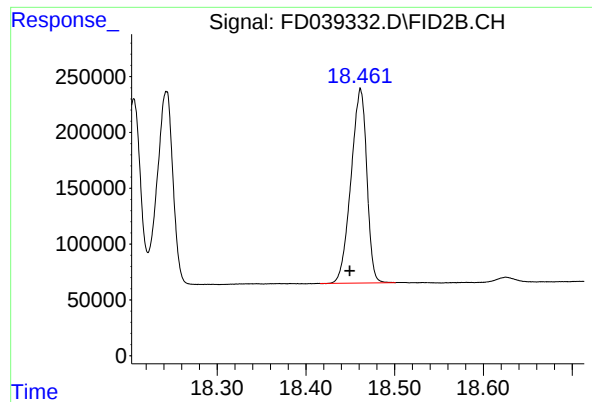
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.206 min
Delta R.T.: 0.011 min
Response: 2158289
Conc: 20.16 ug/ml



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

R.T.: 18.243 min
Delta R.T.: 0.011 min
Response: 2137114
Conc: 20.04 ug/ml



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

R.T.: 18.462 min
Delta R.T.: 0.012 min
Response: 2152269
Conc: 20.39 ug/ml