

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042773.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 10:51
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 07 02:03:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.662	3156573	20.657 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
6) S 2-Fluorobiphenyl (SURR)	8.527	2071328	20.140 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.28%
11) S ortho-Terphenyl (SURR)	11.578	3472690	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.454	3534720	21.112 ug/ml
2) T Naphthalene (C11.7)	5.997	3623863	20.960 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	3298360	20.683 ug/ml
5) T Acenaphthylene (C15.06)	8.331	3464035	20.050 ug/ml
7) T Acenaphthene (C15.5)	8.627	3475739	20.200 ug/ml
8) T Fluorene (C16.55)	9.409	3354358	19.980 ug/ml
9) T Phenanthrene (C19.36)	10.809	3167913	19.265 ug/ml
10) T Anthracene (C19.43)	10.883	2869613	18.775 ug/ml
12) T Fluoranthene (C21.85)	12.623	2917923	18.521 ug/ml
13) T Pyrene (C20.8)	12.921	2850693	18.310 ug/ml
14) T Benzo[a]anthracene (C...	14.795	2534308	19.007 ug/ml
15) T Chrysene (C27.41)	14.836	2510311	19.000 ug/ml
16) T benzo[b]fluoranthene ...	16.347	2650943	19.900 ug/ml
17) T Bnezo[k]fluoranthene ...	16.381	2475902	19.990 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.725	2523769	20.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.092	2382753	21.377 ug/ml
20) T Dibenz[a,h]anthracene...	18.133	2469234	22.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.347	2555402	21.500 ug/ml

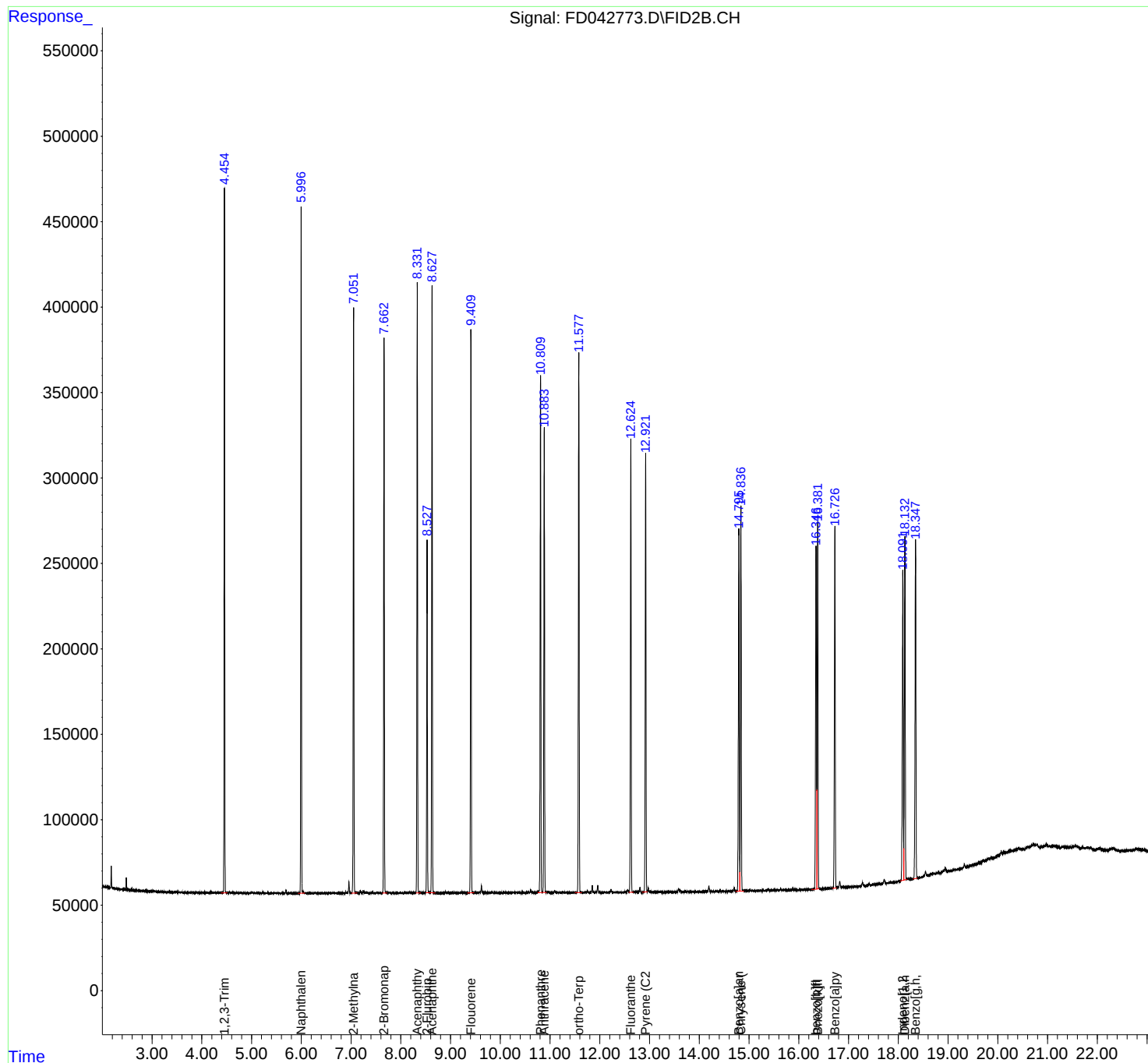
(f)=RT Delta > 1/2 Window

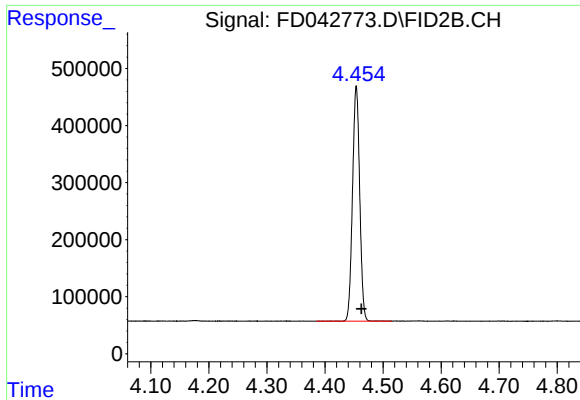
(m)=manual int.

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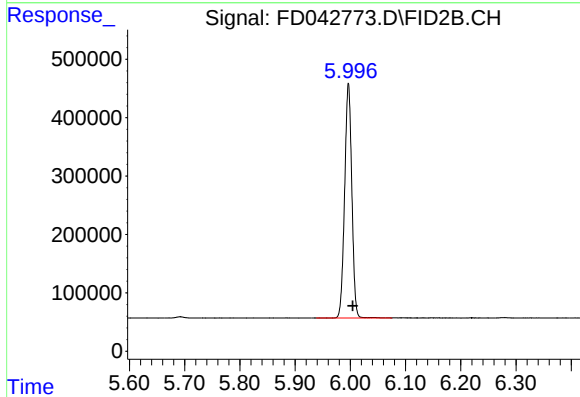
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





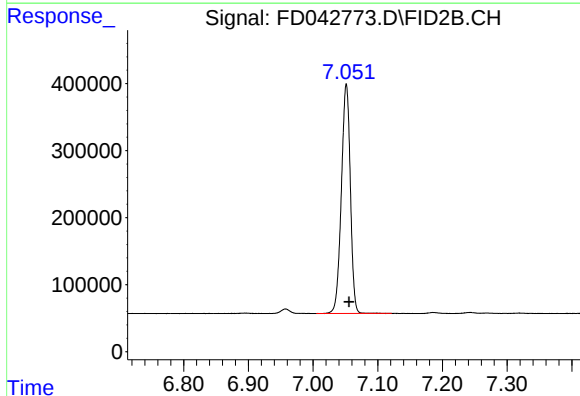
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.454 min
Delta R.T.: -0.009 min
Response: 3534720
Conc: 21.11 ug/ml



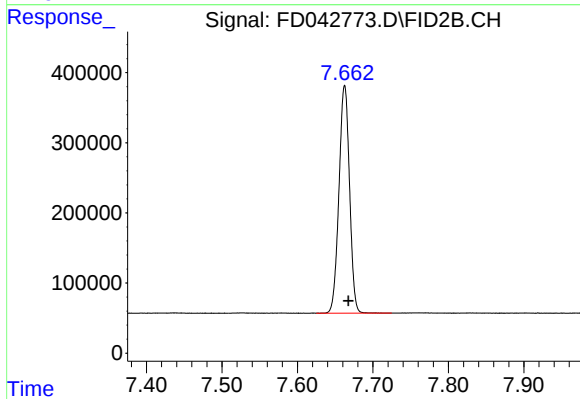
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3623863
Conc: 20.96 ug/ml



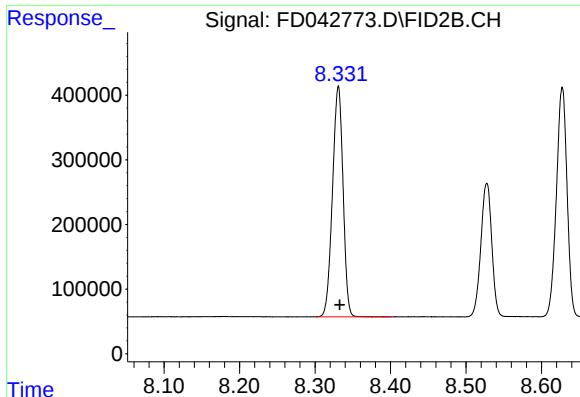
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.004 min
Response: 3298360
Conc: 20.68 ug/ml



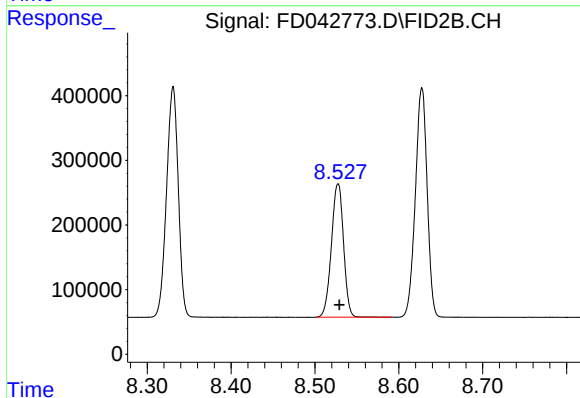
#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: -0.005 min
Response: 3156573
Conc: 20.66 ug/ml



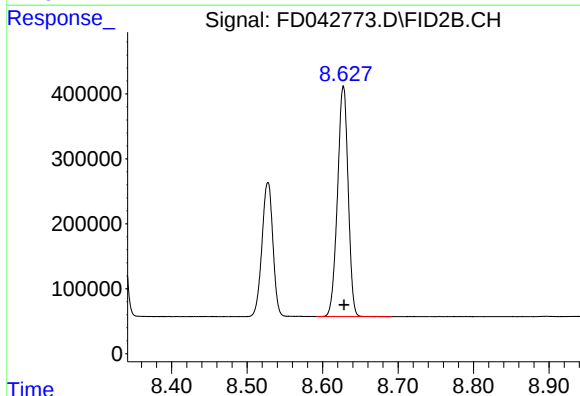
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 3464035
Conc: 20.05 ug/ml



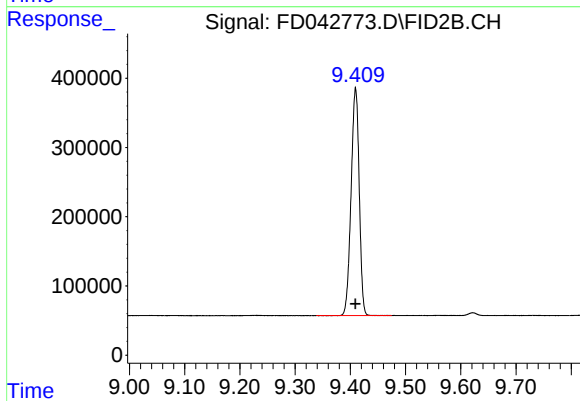
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 2071328
Conc: 20.14 ug/ml



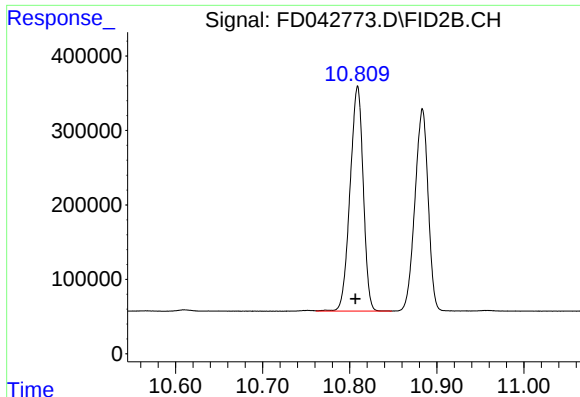
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 3475739
Conc: 20.20 ug/ml



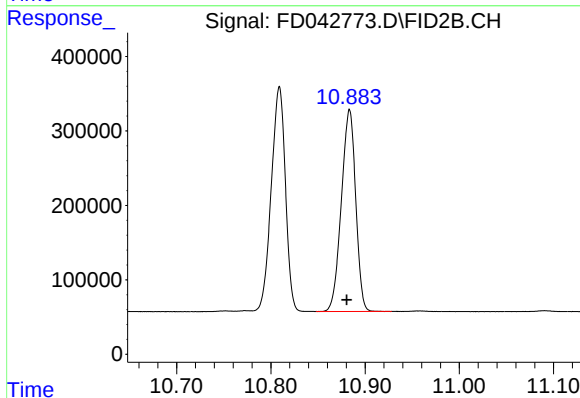
#8 Fluorene (C16.55)

R.T.: 9.409 min
Delta R.T.: 0.000 min
Response: 3354358
Conc: 19.98 ug/ml



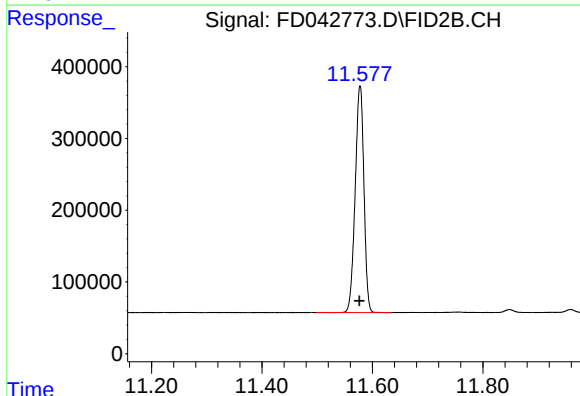
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: 0.002 min
Response: 3167913
Conc: 19.26 ug/ml



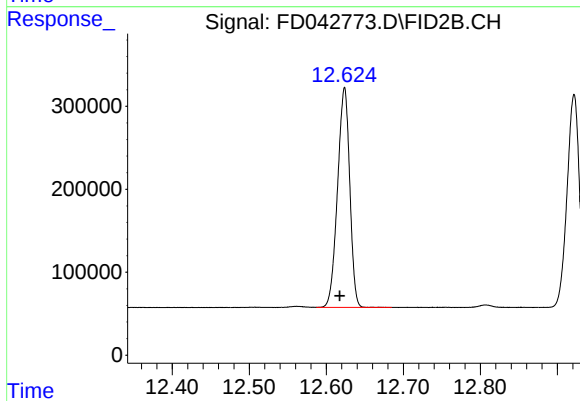
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.003 min
Response: 2869613
Conc: 18.78 ug/ml



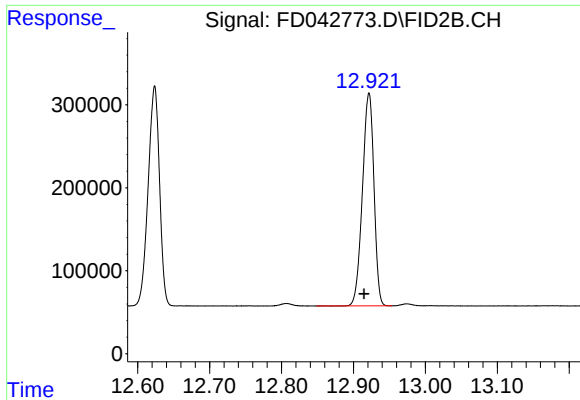
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.001 min
Response: 3472690
Conc: 19.56 ug/ml



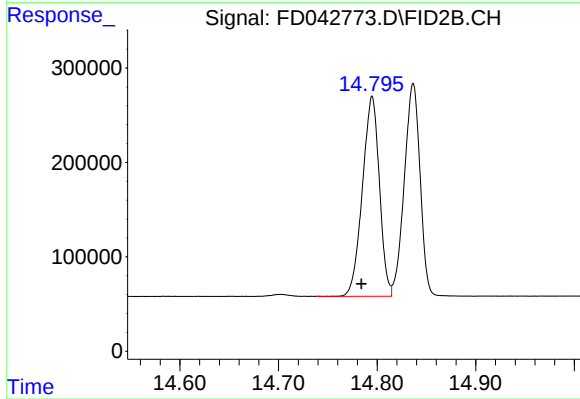
#12 Fluoranthene (C21.85)

R.T.: 12.623 min
Delta R.T.: 0.006 min
Response: 2917923
Conc: 18.52 ug/ml



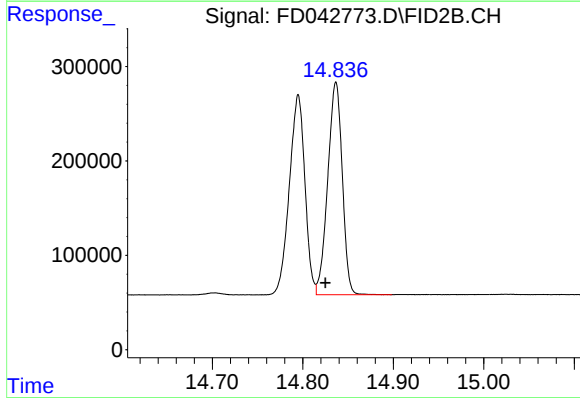
#13 Pyrene (C20.8)

R.T.: 12.921 min
Delta R.T.: 0.006 min
Response: 2850693
Conc: 18.31 ug/ml



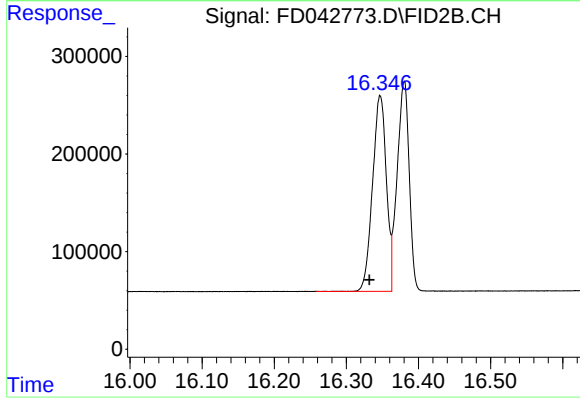
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.795 min
Delta R.T.: 0.010 min
Response: 2534308
Conc: 19.01 ug/ml



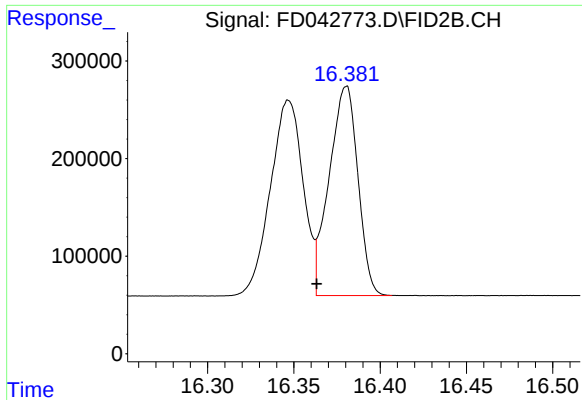
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: 0.011 min
Response: 2510311
Conc: 19.00 ug/ml



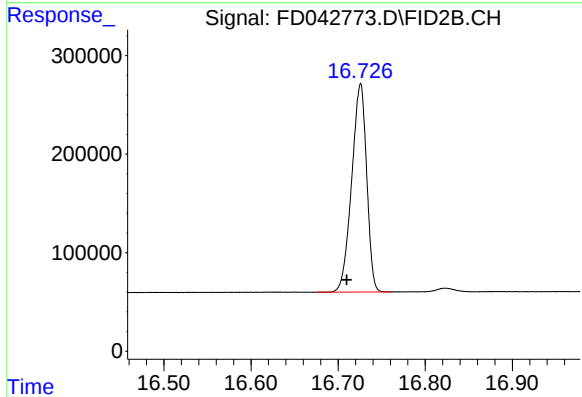
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.347 min
Delta R.T.: 0.015 min
Response: 2650943
Conc: 19.90 ug/ml



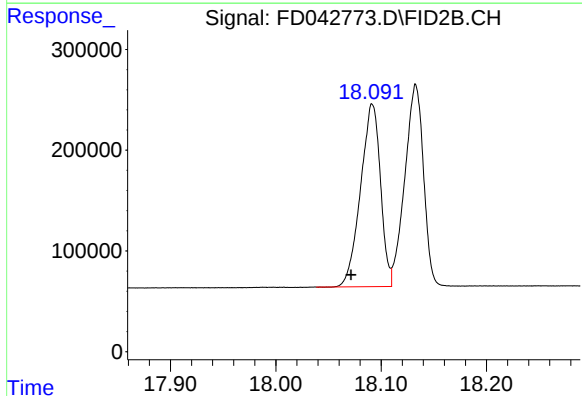
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.381 min
Delta R.T.: 0.018 min
Response: 2475902
Conc: 19.99 ug/ml m



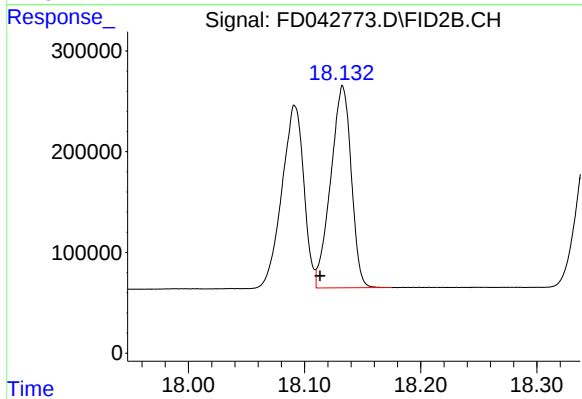
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: 0.016 min
Response: 2523769
Conc: 20.39 ug/ml



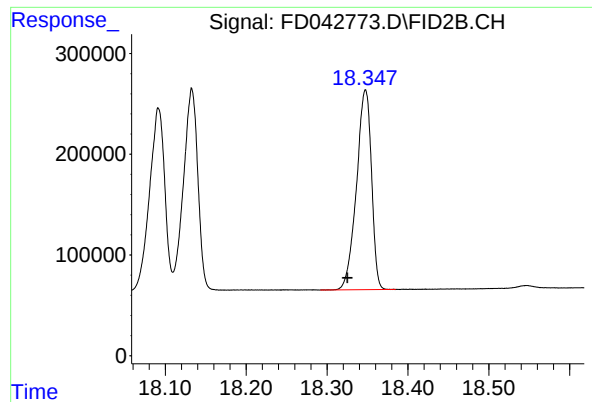
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.092 min
Delta R.T.: 0.020 min
Response: 2382753
Conc: 21.38 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.019 min
Response: 2469234
Conc: 22.20 ug/ml



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

R.T.: 18.347 min
Delta R.T.: 0.022 min
Response: 2555402
Conc: 21.50 ug/ml