

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092618AR\
 Data File : FD025732.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2018 14:51
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 05:28:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.426	1389393	17.798 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
6) S 2-Fluorobiphenyl (SURR)	8.278	990334	17.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.95%
11) S ortho-Terphenyl (SURR)	11.323	1513479	17.596 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	1565784	18.486 ug/ml
2) T Naphthalene (C11.7)	5.762	1681094	18.355 ug/ml
3) T 2-Methylnaphthalene (...)	6.813	1615041	18.089 ug/ml
5) T Acenaphthylene (C15.06)	8.082	1572430	18.069 ug/ml
7) T Acenaphthene (C15.5)	8.377	1634747	17.990 ug/ml
8) T Fluorene (C16.55)	9.156	1615237	17.976 ug/ml
9) T Phenanthrene (C19.36)	10.546	1697714	18.231 ug/ml
10) T Anthracene (C19.43)	10.621	1678201	18.328 ug/ml
12) T Fluoranthene (C21.85)	12.354	1836534	18.738 ug/ml
13) T Pyrene (C20.8)	12.648	1877635	18.855 ug/ml
14) T Benzo[a]anthracene (C...	14.517	1817731	18.807 ug/ml
15) T Chrysene (C27.41)	14.559	1833430	18.853 ug/ml
16) T benzo[b]fluoranthene ...	16.062	1829614	18.622 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	1832105	18.792 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	1834320	18.778 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.801	1752713	18.488 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	1702842	18.390 ug/ml
21) T Benzo[g,h,i]perylene ...	18.053	1798512	18.694 ug/ml

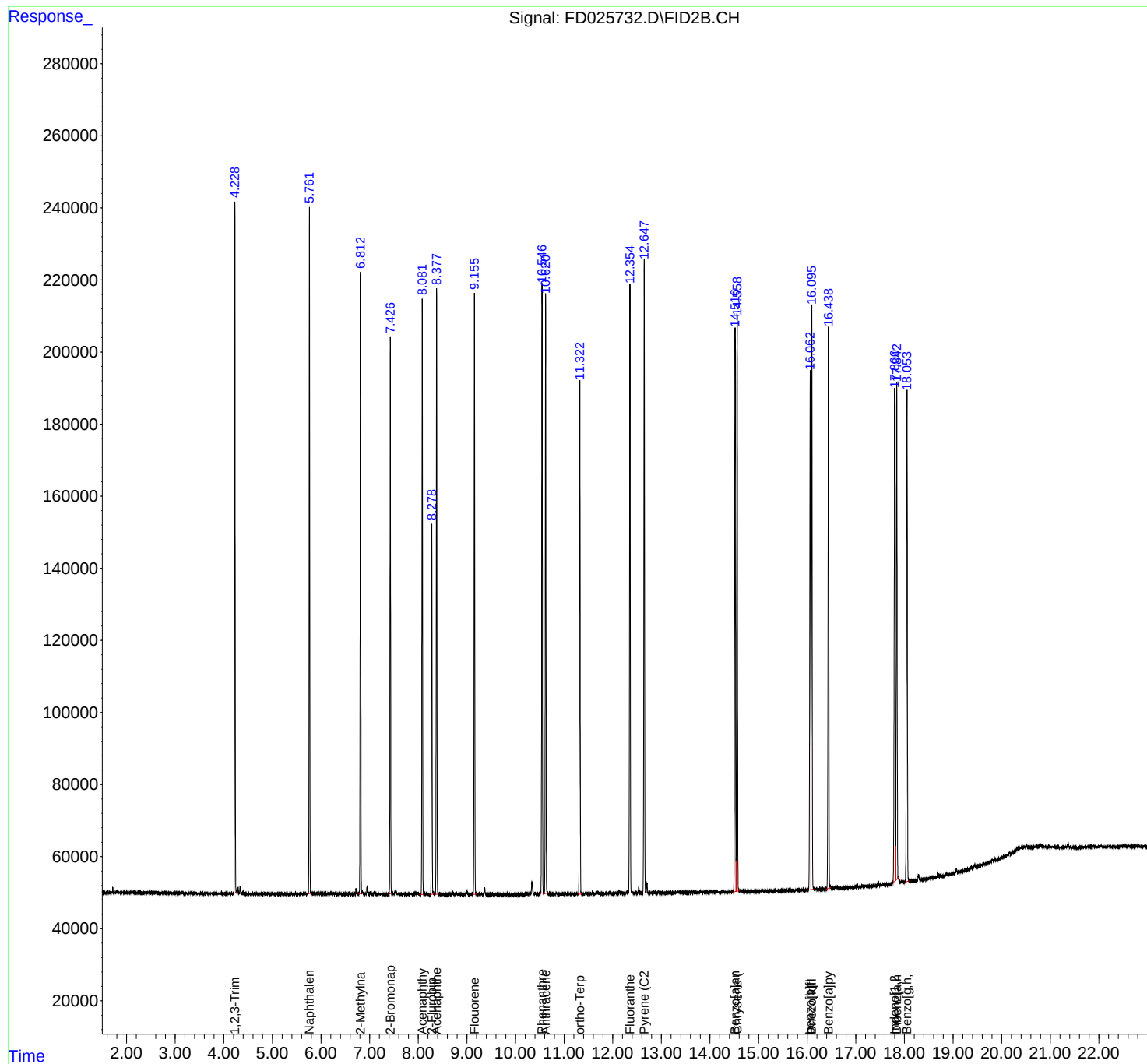
(f)=RT Delta > 1/2 Window

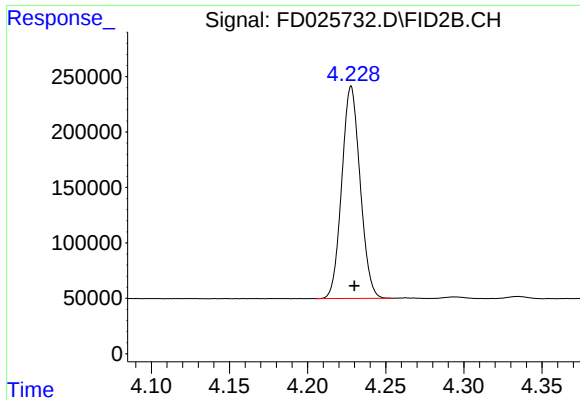
(m)=manual int.

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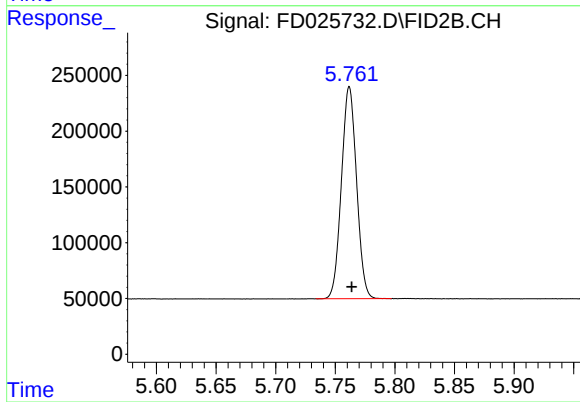
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Signal Info : 20M x 0.18mm x 0.18µm





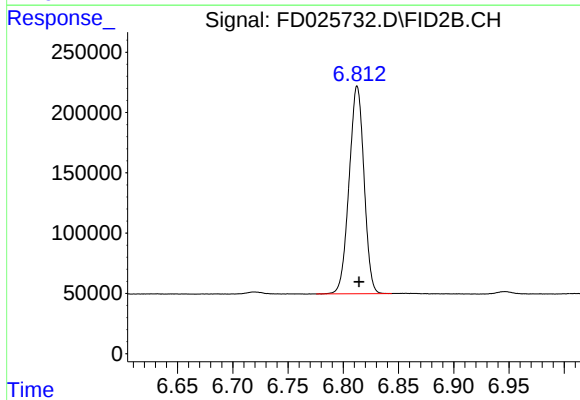
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min
Delta R.T.: -0.002 min
Response: 1565784
Conc: 18.49 ug/ml



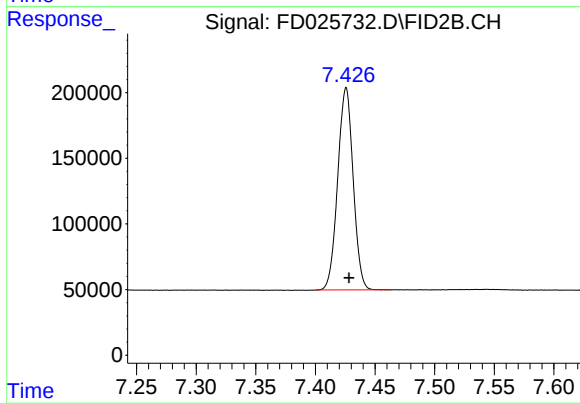
#2 Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.002 min
Response: 1681094
Conc: 18.35 ug/ml



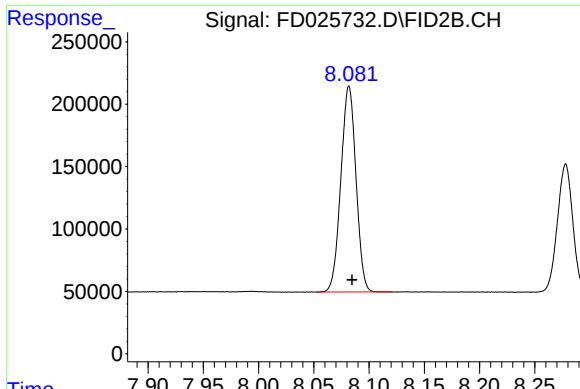
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.002 min
Response: 1615041
Conc: 18.09 ug/ml



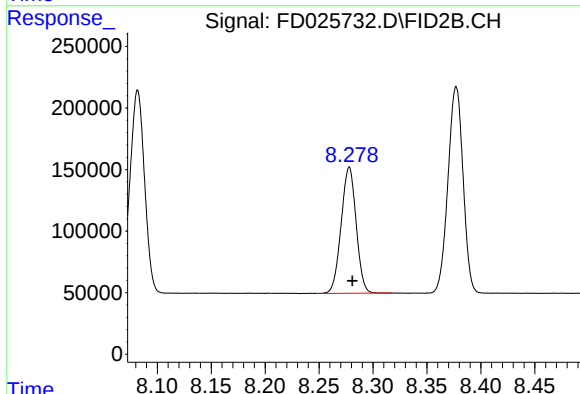
#4 2-Bromonaphthalene (SURR)

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 1389393
Conc: 17.80 ug/ml



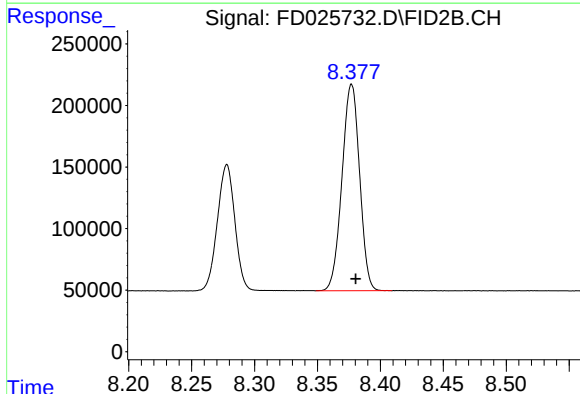
#5 Acenaphthylene (C15.06)

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 1572430
Conc: 18.07 ug/ml



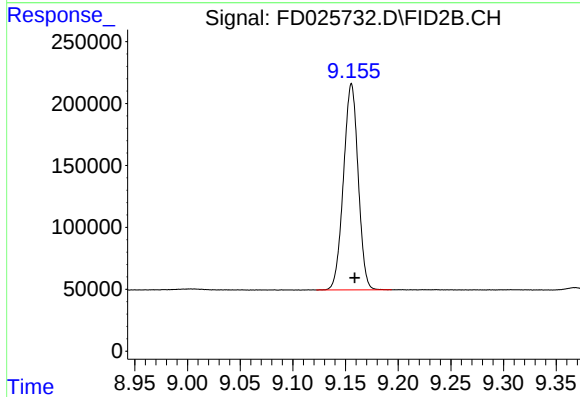
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 990334
Conc: 17.97 ug/ml



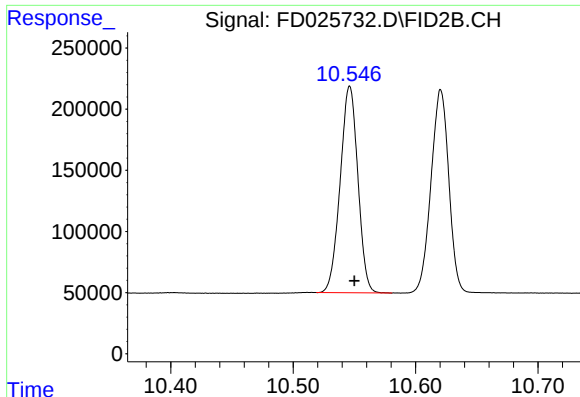
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: -0.003 min
Response: 1634747
Conc: 17.99 ug/ml



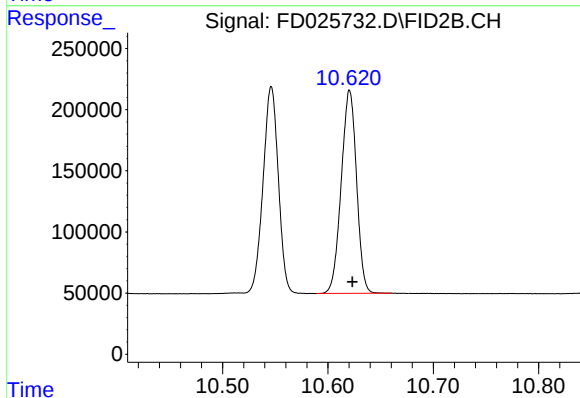
#8 Fluorene (C16.55)

R.T.: 9.156 min
Delta R.T.: -0.003 min
Response: 1615237
Conc: 17.98 ug/ml



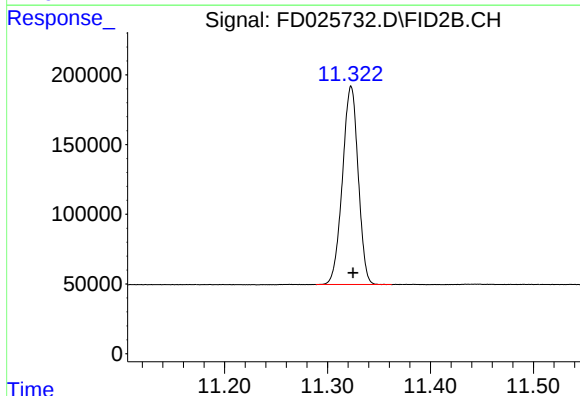
#9 Phenanthrene (C19.36)

R.T.: 10.546 min
Delta R.T.: -0.004 min
Response: 1697714
Conc: 18.23 ug/ml



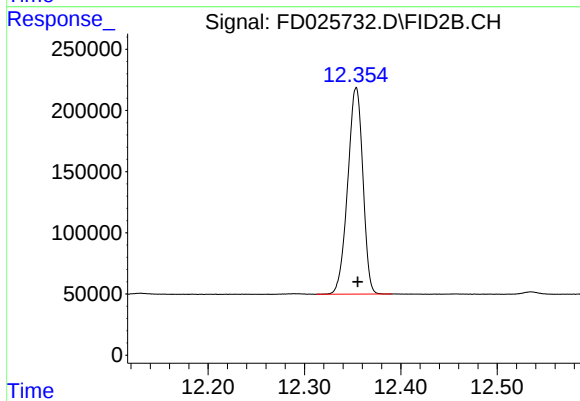
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.003 min
Response: 1678201
Conc: 18.33 ug/ml



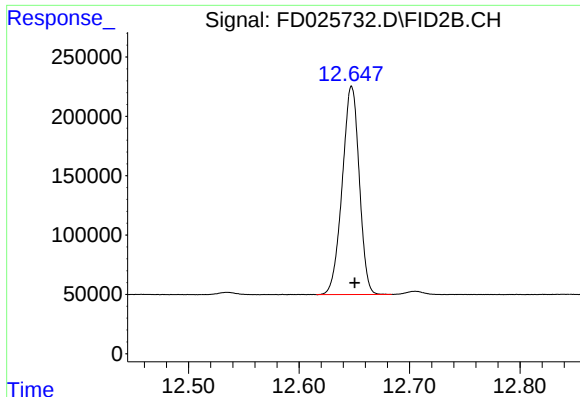
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: -0.002 min
Response: 1513479
Conc: 17.60 ug/ml



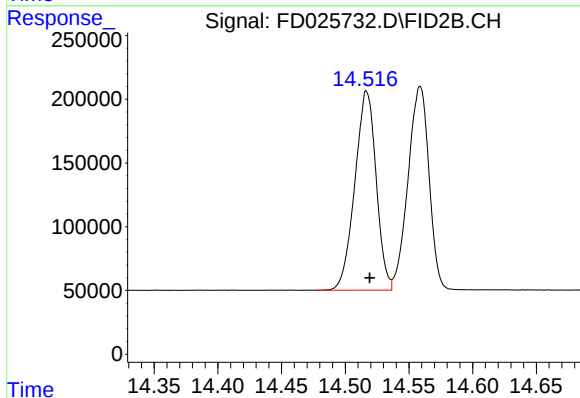
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 1836534
Conc: 18.74 ug/ml



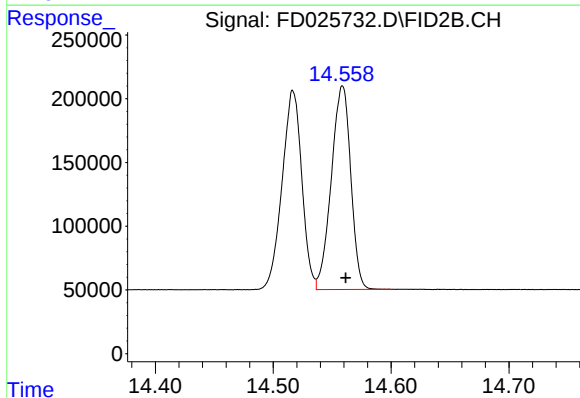
#13 Pyrene (C20.8)

R.T.: 12.648 min
Delta R.T.: -0.003 min
Response: 1877635
Conc: 18.86 ug/ml



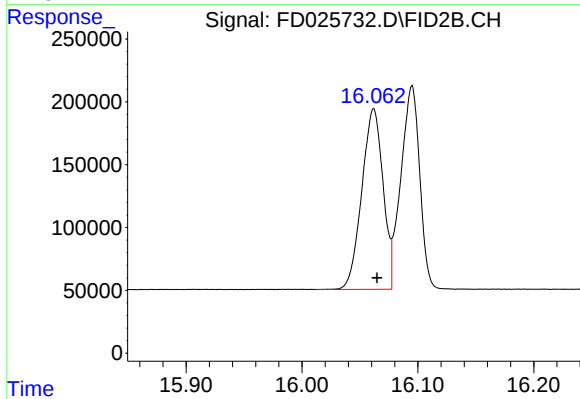
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.517 min
Delta R.T.: -0.002 min
Response: 1817731
Conc: 18.81 ug/ml



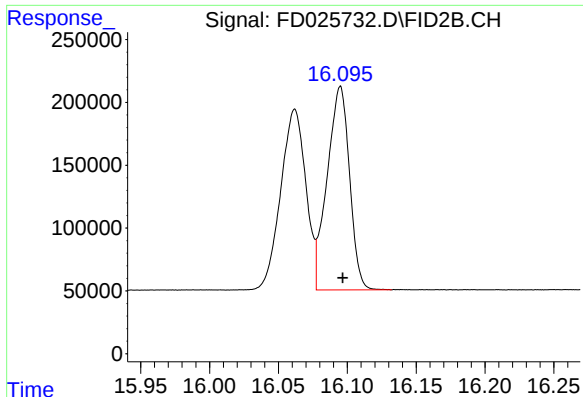
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: -0.003 min
Response: 1833430
Conc: 18.85 ug/ml



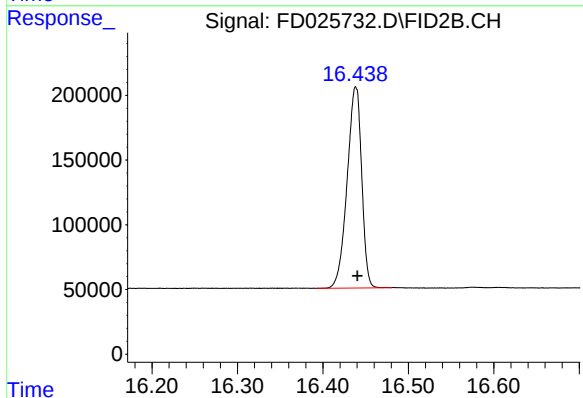
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.062 min
Delta R.T.: -0.003 min
Response: 1829614
Conc: 18.62 ug/ml



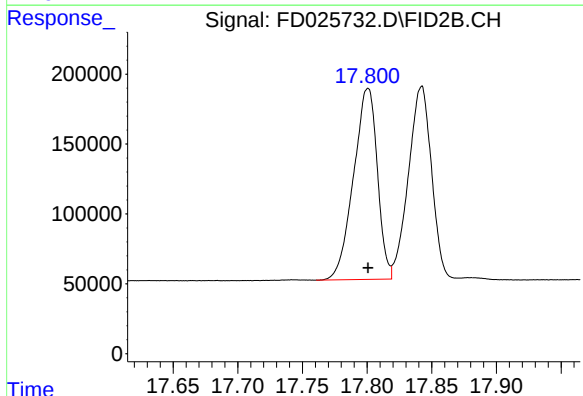
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.095 min
Delta R.T.: -0.002 min
Response: 1832105
Conc: 18.79 ug/ml



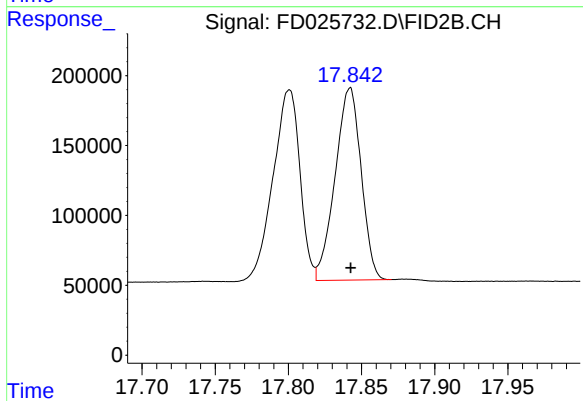
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.002 min
Response: 1834320
Conc: 18.78 ug/ml



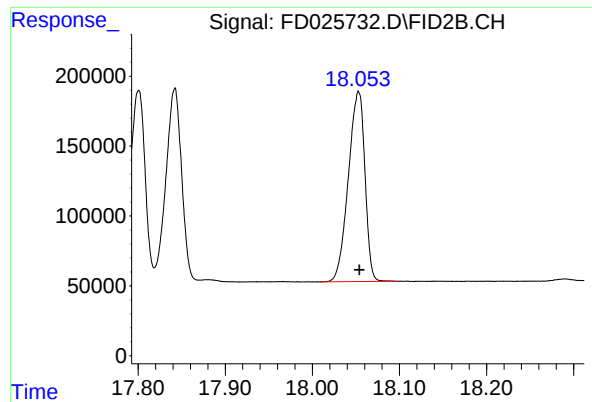
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.801 min
Delta R.T.: 0.000 min
Response: 1752713
Conc: 18.49 ug/ml



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

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 1702842
Conc: 18.39 ug/ml



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

R.T.: 18.053 min
Delta R.T.: 0.000 min
Response: 1798512
Conc: 18.69 ug/ml