

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062818AR\
 Data File : FD024821.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2018 11:03
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 29 11:47:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.478	1695534	18.535 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
6) S 2-Fluorobiphenyl (SURR)	8.333	1172507	18.487 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.97%
11) S ortho-Terphenyl (SURR)	11.383	1947447	19.405 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	1852873	19.937 ug/ml
2) T Naphthalene (C11.7)	5.812	1959286	19.308 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	1913064	18.816 ug/ml
5) T Acenaphthylene (C15.06)	8.137	1845966	18.488 ug/ml
7) T Acenaphthene (C15.5)	8.433	1926652	18.444 ug/ml
8) T Flouorene (C16.55)	9.213	1931854	18.489 ug/ml
9) T Phenanthrene (C19.36)	10.608	2018487	19.632 ug/ml
10) T Anthracene (C19.43)	10.682	1990817	19.527 ug/ml
12) T Fluoranthene (C21.85)	12.417	2193465	21.998 ug/ml
13) T Pyrene (C20.8)	12.712	2214457	22.270 ug/ml
14) T Benzo[a]anthracene (C...	14.586	2199868	23.433 ug/ml
15) T Chrysene (C27.41)	14.627	2213099	23.394 ug/ml
16) T benzo[b]fluoranthene ...	16.134	2243891	21.699 ug/ml
17) T Bnezo[k]fluoranthene ...	16.166	2270135	21.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	2220515	21.368 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	2152561	20.195 ug/mlm
20) T Dibenz[a,h]anthracene...	17.916	2174569	20.791 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.128	2177487	20.501 ug/ml

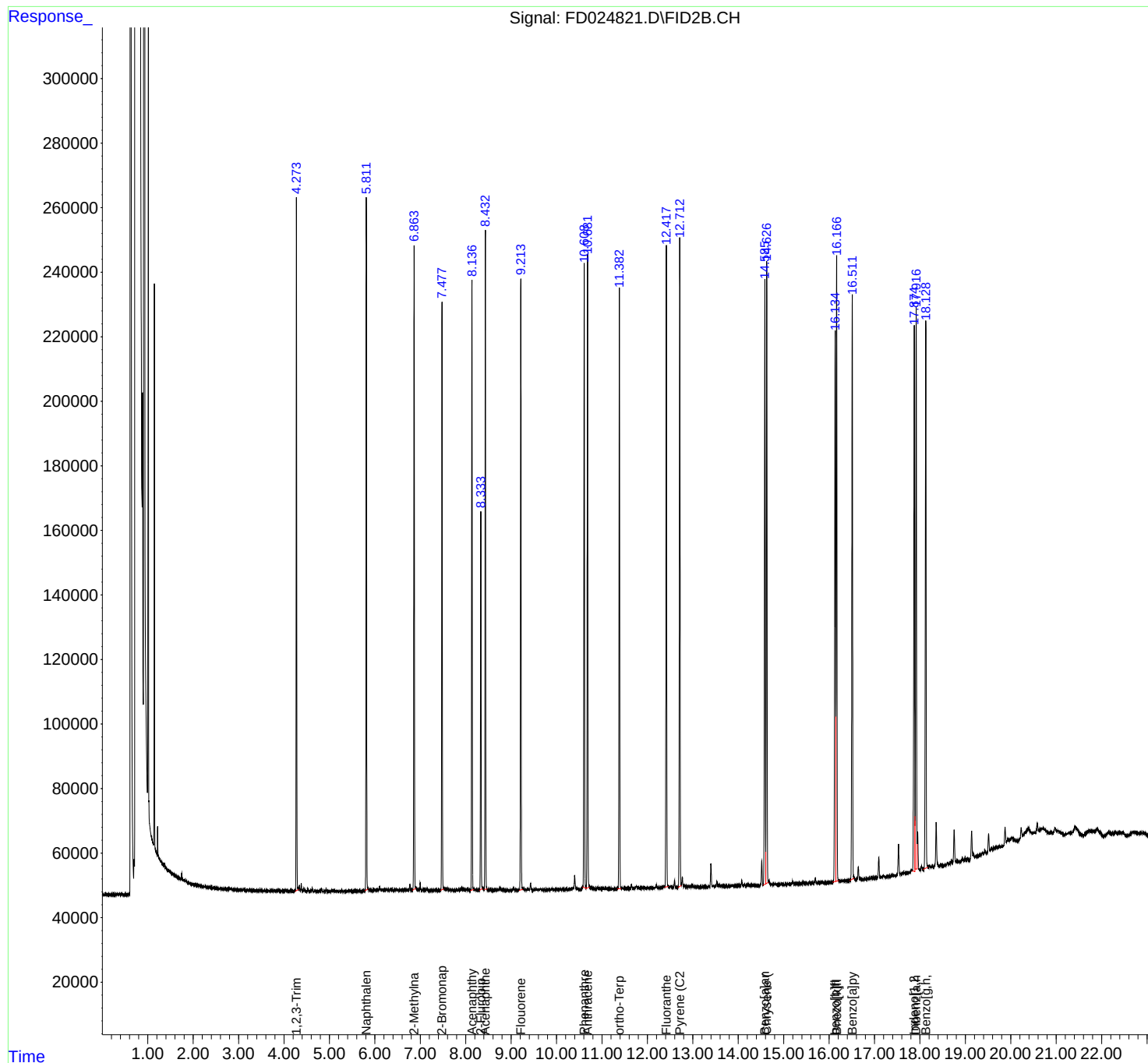
(f)=RT Delta > 1/2 Window

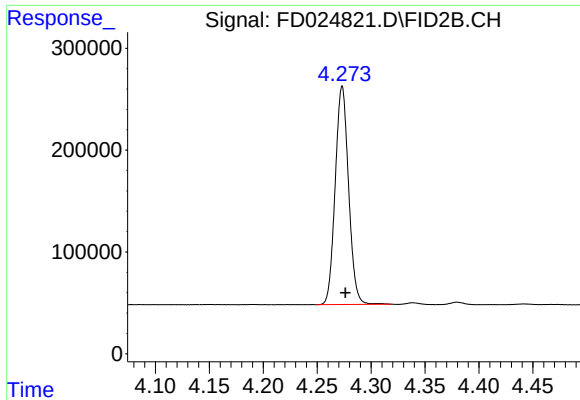
(m)=manual int.

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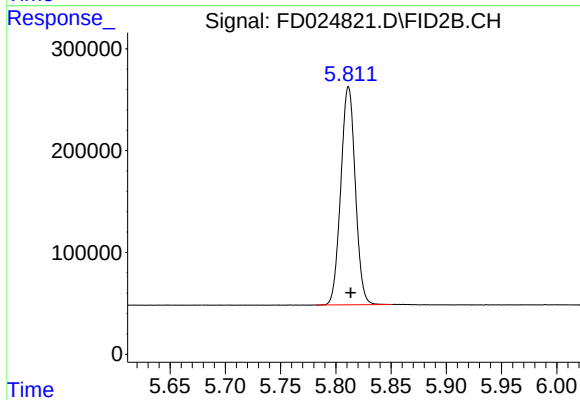
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Signal Info : 20M x 0.18mm x 0.18µm





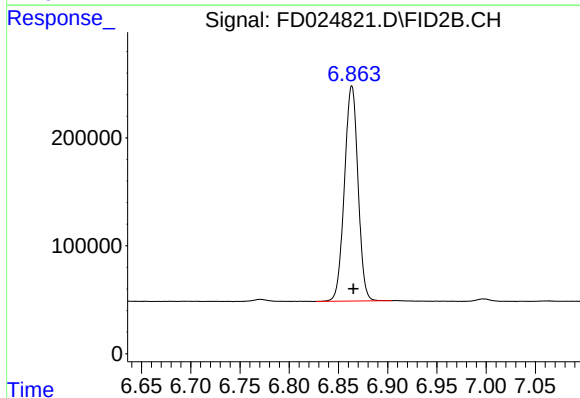
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 1852873
Conc: 19.94 ug/ml



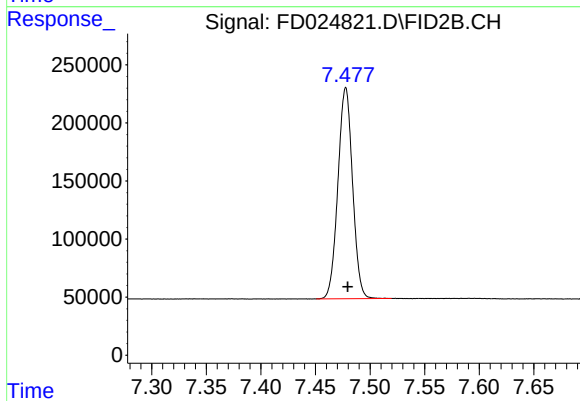
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 1959286
Conc: 19.31 ug/ml



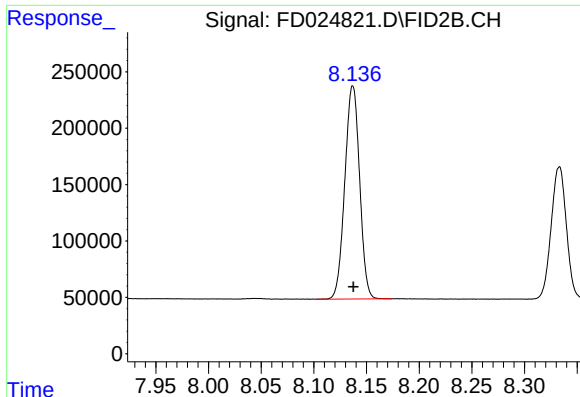
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 1913064
Conc: 18.82 ug/ml



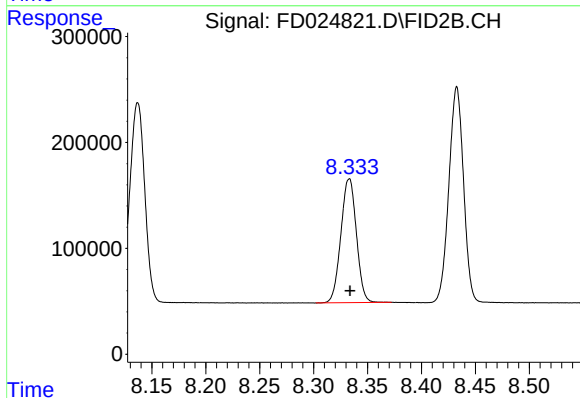
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: -0.002 min
Response: 1695534
Conc: 18.53 ug/ml



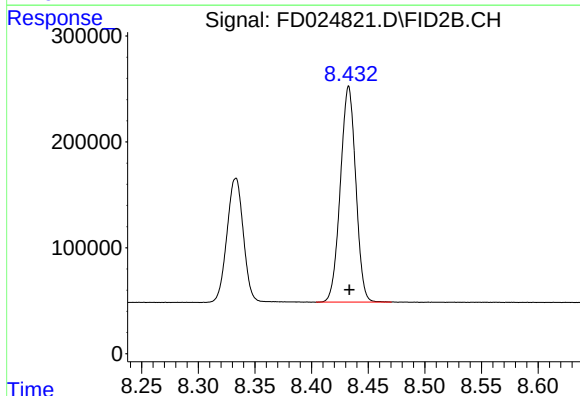
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 1845966
Conc: 18.49 ug/ml



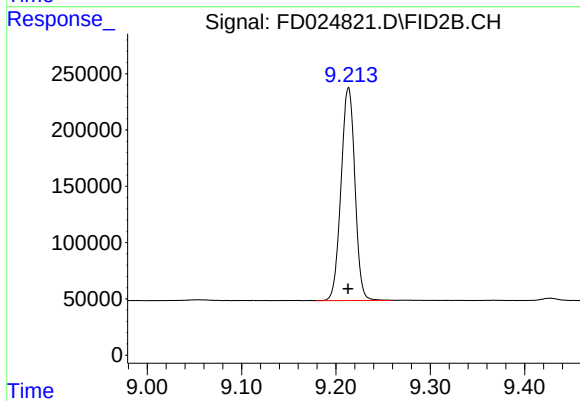
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 1172507
Conc: 18.49 ug/ml



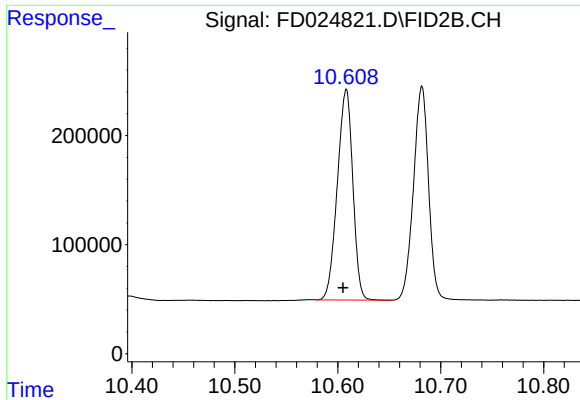
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 1926652
Conc: 18.44 ug/ml



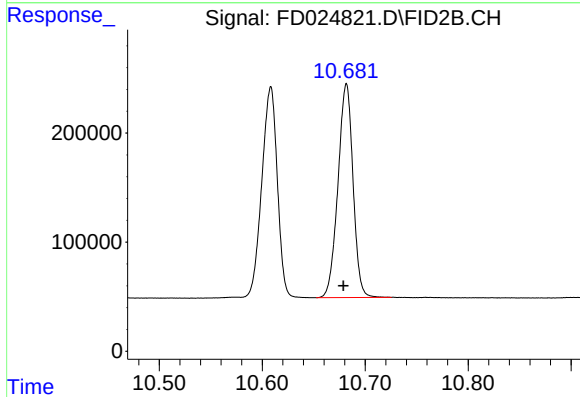
#8 Fluorene (C16.55)

R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 1931854
Conc: 18.49 ug/ml



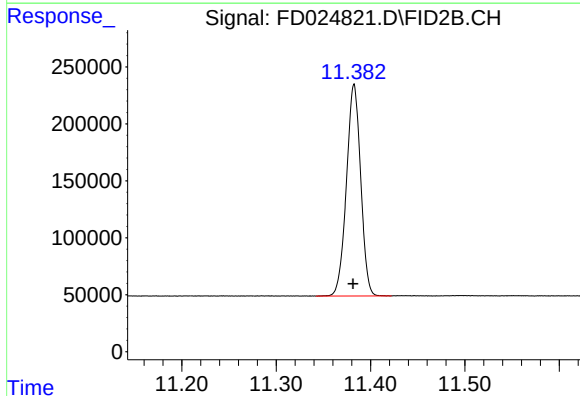
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: 0.003 min
Response: 2018487
Conc: 19.63 ug/ml



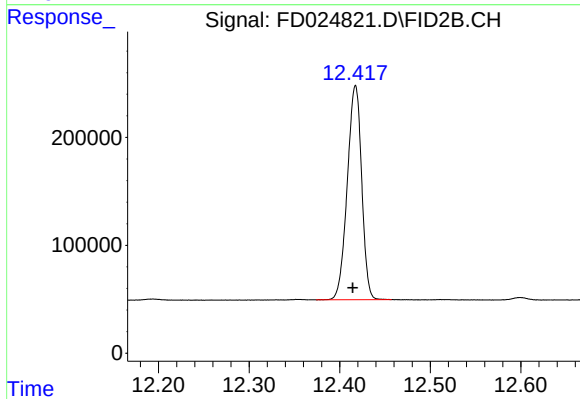
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.003 min
Response: 1990817
Conc: 19.53 ug/ml



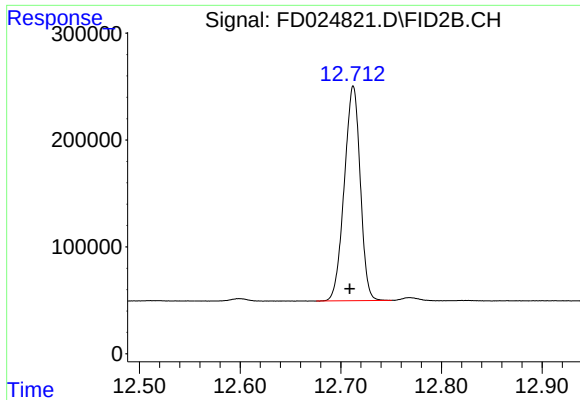
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: 0.000 min
Response: 1947447
Conc: 19.41 ug/ml



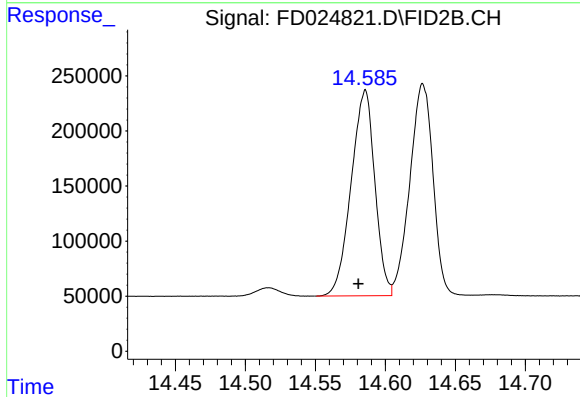
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: 0.003 min
Response: 2193465
Conc: 22.00 ug/ml



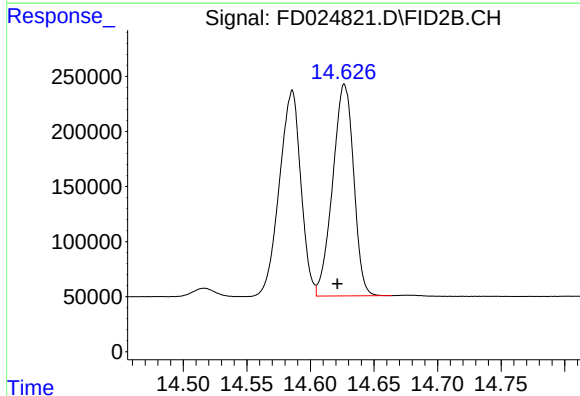
#13 Pyrene (C20.8)

R.T.: 12.712 min
Delta R.T.: 0.004 min
Response: 2214457
Conc: 22.27 ug/ml



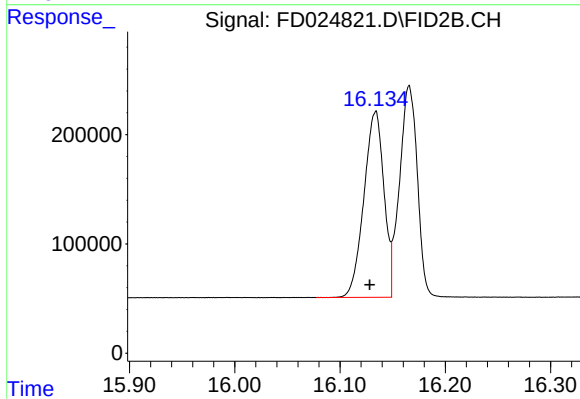
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: 0.005 min
Response: 2199868
Conc: 23.43 ug/ml



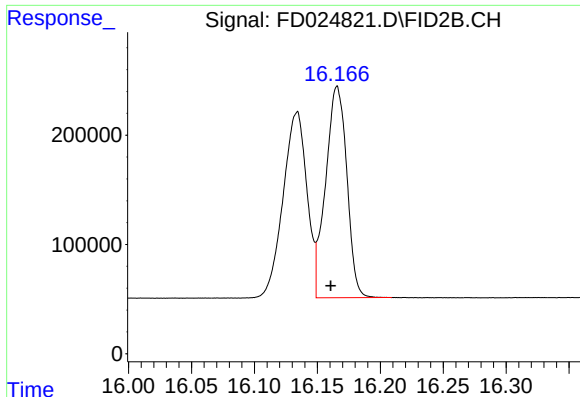
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: 0.005 min
Response: 2213099
Conc: 23.39 ug/ml



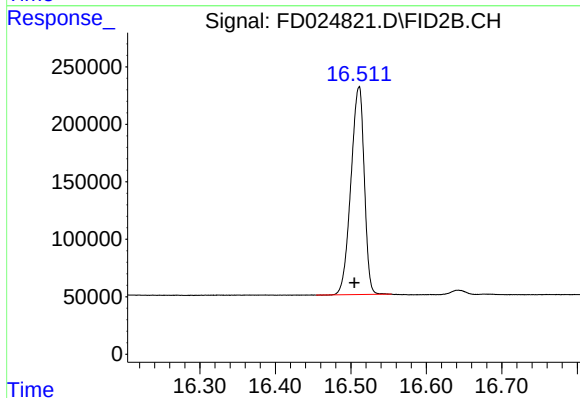
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 2243891
Conc: 21.70 ug/ml



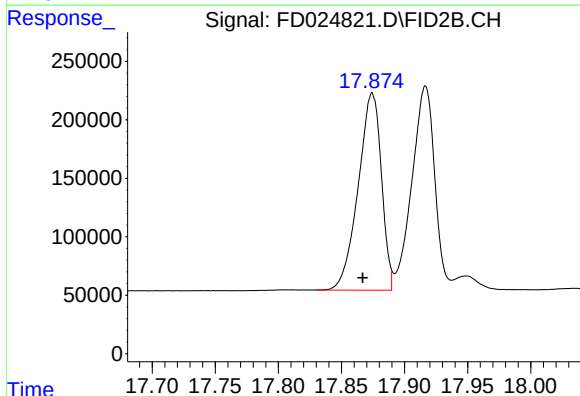
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: 0.005 min
Response: 2270135
Conc: 21.51 ug/ml



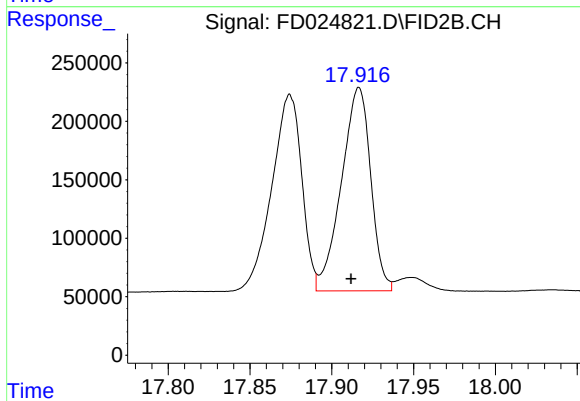
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: 0.006 min
Response: 2220515
Conc: 21.37 ug/ml



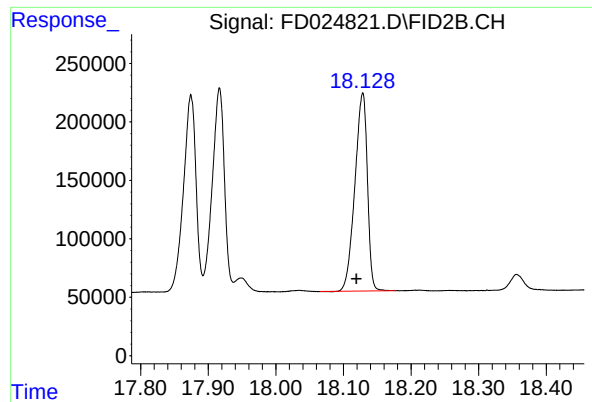
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: 0.007 min
Response: 2152561
Conc: 20.20 ug/ml m



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

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 2174569
Conc: 20.79 ug/ml m



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

R.T.: 18.128 min
Delta R.T.: 0.009 min
Response: 2177487
Conc: 20.50 ug/ml