

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072318AR\
 Data File : FD025165.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jul 2018 17:29
 Operator : AJ\SJ
 Sample : PB111345BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 24 02:05:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.448	3743008	48.488 ug/ml
Spiked Amount 50.000		Recovery =	96.98%
6) S 2-Fluorobiphenyl (SURR)	8.300	1880542	34.974 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.95%
11) S ortho-Terphenyl (SURR)	11.346	4206764	49.571 ug/ml
Spiked Amount 50.000		Recovery =	99.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.247	2326869	29.792 ug/ml
2) T Naphthalene (C11.7)	5.782	3106259	36.056 ug/ml
3) T 2-Methylnaphthalene (...)	6.834	3480322	40.478 ug/ml
5) T Acenaphthylene (C15.06)	8.105	3777747	44.477 ug/ml
7) T Acenaphthene (C15.5)	8.402	3875017	43.521 ug/ml
8) T Fluorene (C16.55)	9.181	4071939	45.720 ug/ml
9) T Phenanthrene (C19.36)	10.571	4247745	47.427 ug/ml
10) T Anthracene (C19.43)	10.647	4207529	47.781 ug/ml
12) T Fluoranthene (C21.85)	12.379	4233080	48.180 ug/ml
13) T Pyrene (C20.8)	12.674	4129831	46.995 ug/ml
14) T Benzo[a]anthracene (C...	14.543	4204138	50.408 ug/ml
15) T Chrysene (C27.41)	14.587	4167031	49.465 ug/ml
16) T benzo[b]fluoranthene ...	16.089	4359374	48.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	4300057	47.760 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	4380224	47.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	4416859	46.815 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	4365915	47.708 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	4467124	46.113 ug/ml

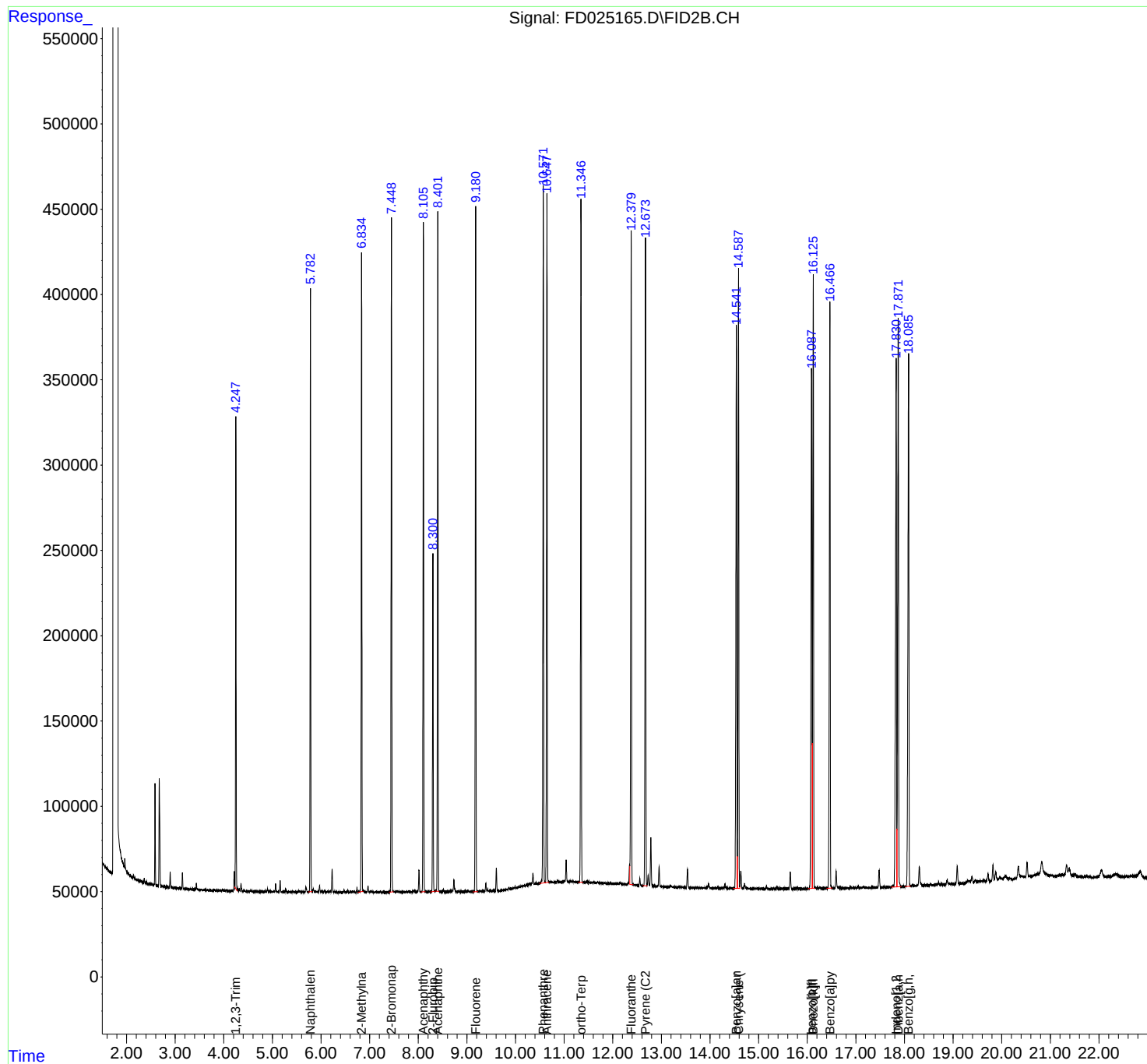
(f)=RT Delta > 1/2 Window

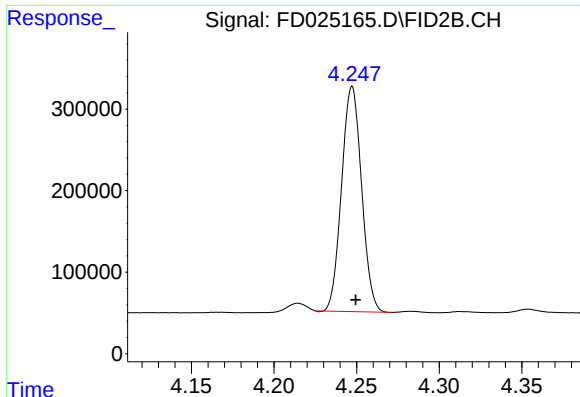
(m)=manual int.

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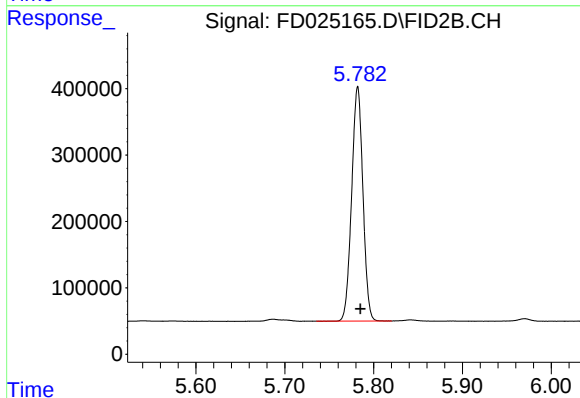
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Signal Info : 20M x 0.18mm x 0.18µm





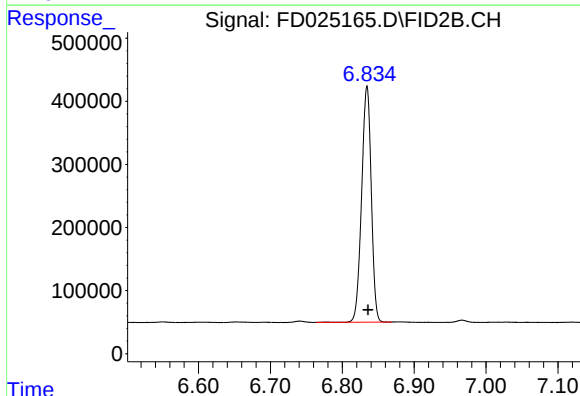
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 2326869
Conc: 29.79 ug/ml



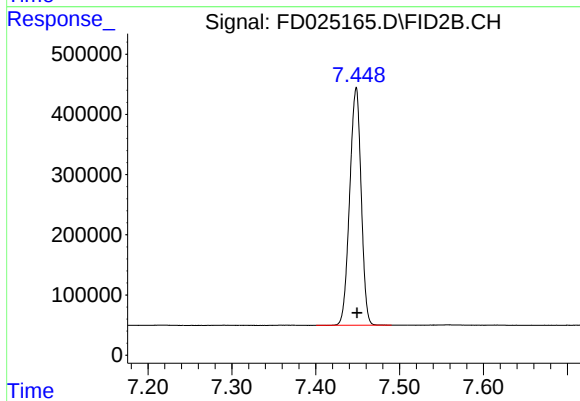
#2 Naphthalene (C11.7)

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 3106259
Conc: 36.06 ug/ml



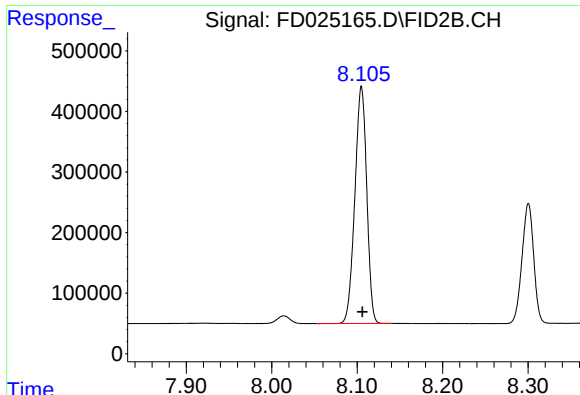
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 3480322
Conc: 40.48 ug/ml



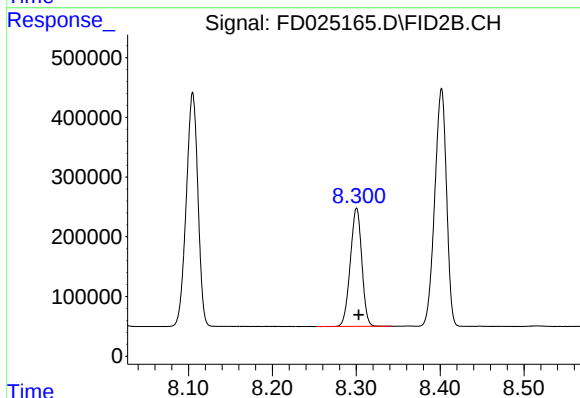
#4 2-Bromonaphthalene (SURR)

R.T.: 7.448 min
Delta R.T.: -0.001 min
Response: 3743008
Conc: 48.49 ug/ml



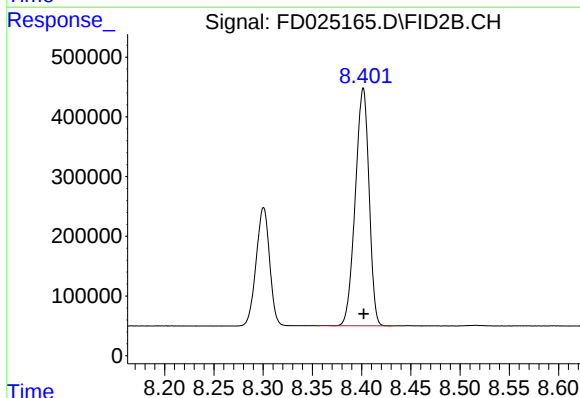
#5 Acenaphthylene (C15.06)

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 3777747
Conc: 44.48 ug/ml



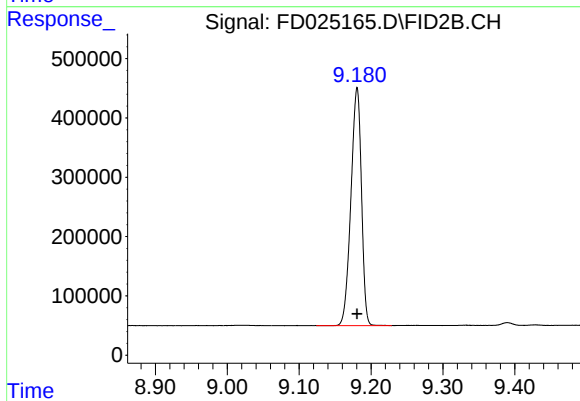
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 1880542
Conc: 34.97 ug/ml



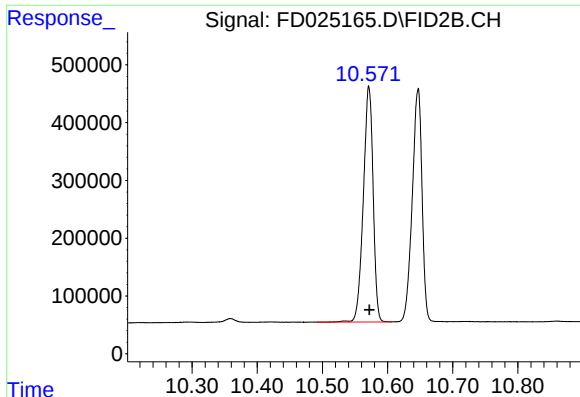
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 3875017
Conc: 43.52 ug/ml



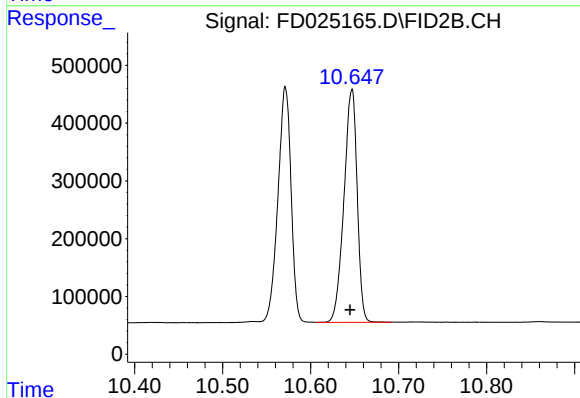
#8 Fluorene (C16.55)

R.T.: 9.181 min
Delta R.T.: 0.000 min
Response: 4071939
Conc: 45.72 ug/ml



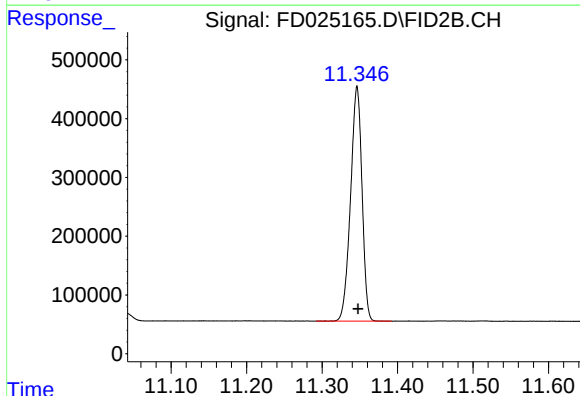
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: 0.000 min
Response: 4247745
Conc: 47.43 ug/ml



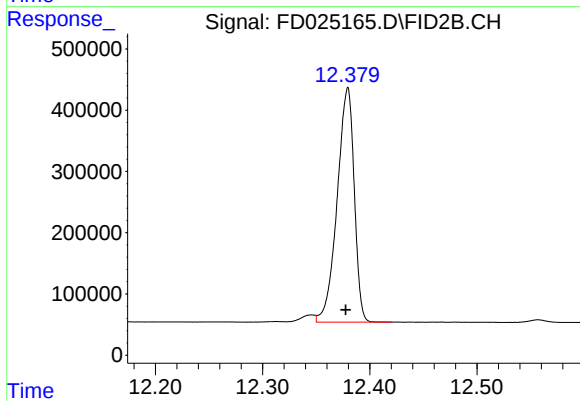
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: 0.002 min
Response: 4207529
Conc: 47.78 ug/ml



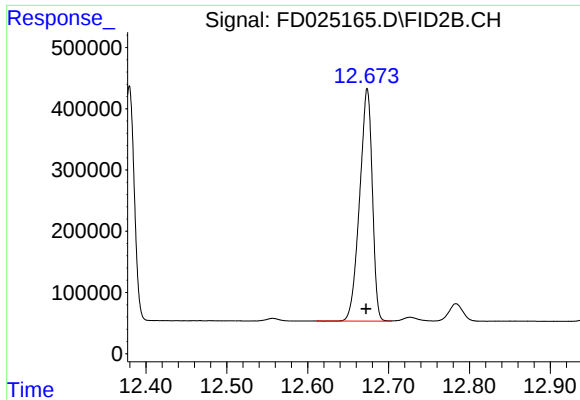
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.001 min
Response: 4206764
Conc: 49.57 ug/ml



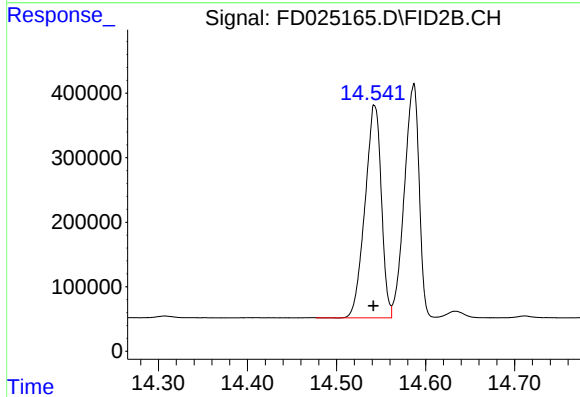
#12 Fluoranthene (C21.85)

R.T.: 12.379 min
Delta R.T.: 0.002 min
Response: 4233080
Conc: 48.18 ug/ml



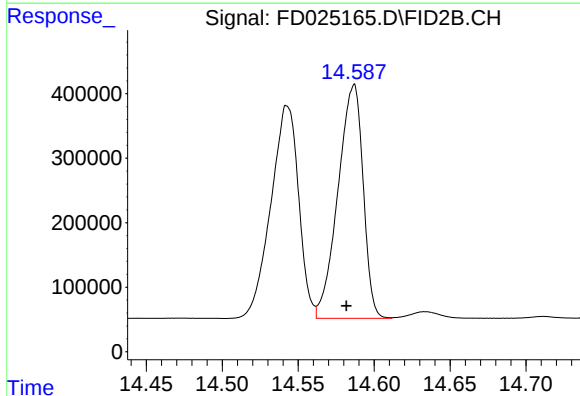
#13 Pyrene (C20.8)

R.T.: 12.674 min
Delta R.T.: 0.002 min
Response: 4129831
Conc: 46.99 ug/ml



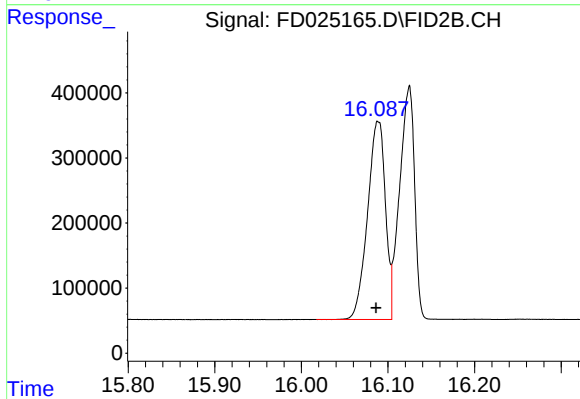
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.001 min
Response: 4204138
Conc: 50.41 ug/ml



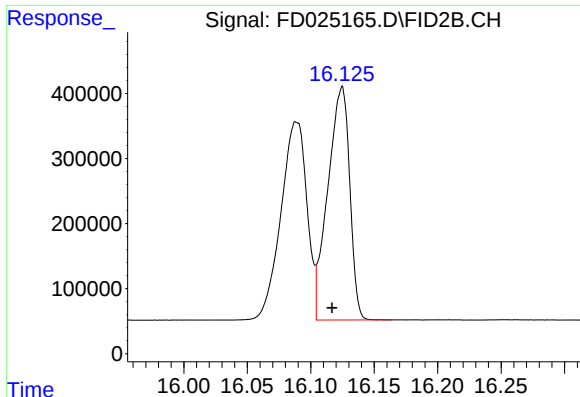
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.005 min
Response: 4167031
Conc: 49.47 ug/ml



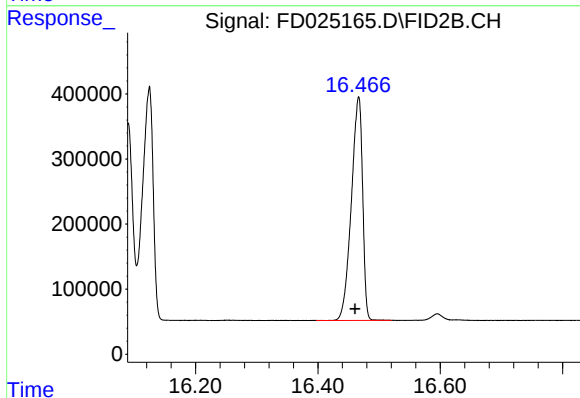
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.089 min
Delta R.T.: 0.003 min
Response: 4359374
Conc: 48.45 ug/ml



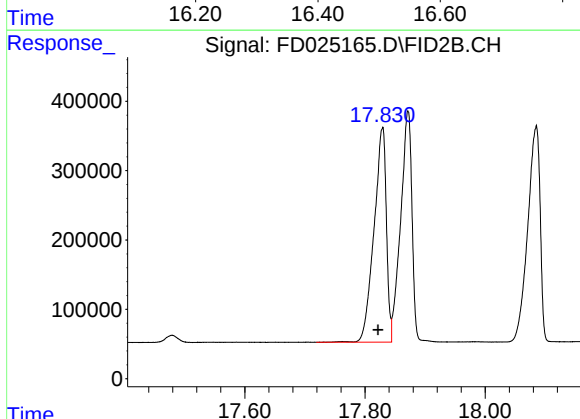
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.125 min
Delta R.T.: 0.008 min
Response: 4300057
Conc: 47.76 ug/ml



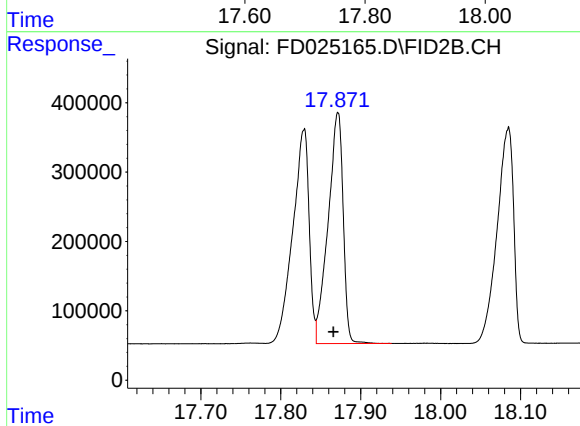
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: 0.006 min
Response: 4380224
Conc: 47.59 ug/ml



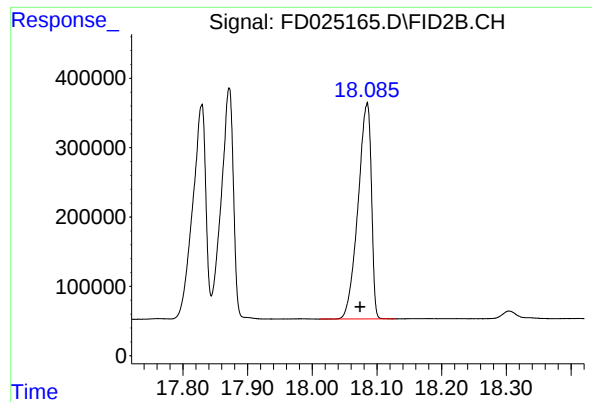
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.007 min
Response: 4416859
Conc: 46.82 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.006 min
Response: 4365915
Conc: 47.71 ug/ml



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

R.T.: 18.085 min
Delta R.T.: 0.011 min
Response: 4467124
Conc: 46.11 ug/ml