

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121919AR\
 Data File : FD031842.D
 Signal(s) : FID2B.CH
 Acq On : 19 Dec 2019 19:52
 Operator : DD\AJ
 Sample : K6325-02MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 00:23:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.642	5957072	48.161 ug/ml
Spiked Amount 50.000		Recovery =	96.32%
6) S 2-Fluorobiphenyl (SURR)	8.504	4005346	46.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.92%
11) S ortho-Terphenyl (SURR)	11.541	5770867	43.618 ug/ml
Spiked Amount 50.000		Recovery =	87.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	4168682	32.987 ug/ml
2) T Naphthalene (C11.7)	5.982	4794069	35.552 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	4903221	36.434 ug/ml
5) T Acenaphthylene (C15.06)	8.307	4951633	37.988 ug/ml
7) T Acenaphthene (C15.5)	8.603	5277030	39.049 ug/ml
8) T Fluorene (C16.55)	9.382	5435737	40.412 ug/ml
9) T Phenanthrene (C19.36)	10.777	5755803	42.674 ug/ml
10) T Anthracene (C19.43)	10.852	5663271	42.456 ug/ml
12) T Fluoranthene (C21.85)	12.588	6142595	45.400 ug/ml
13) T Pyrene (C20.8)	12.884	5817254	43.402 ug/ml
14) T Benzo[a]anthracene (C...	14.753	5197435	40.797 ug/ml
15) T Chrysene (C27.41)	14.797	5882395	46.106 ug/ml
16) T benzo[b]fluoranthene ...	16.302	5310444	43.107 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	4993483	41.074 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.679	4737705	39.527 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	4905044	42.666 ug/mlm
20) T Dibenz[a,h]anthracene...	18.082	4730786	41.910 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	4753270	41.947 ug/ml

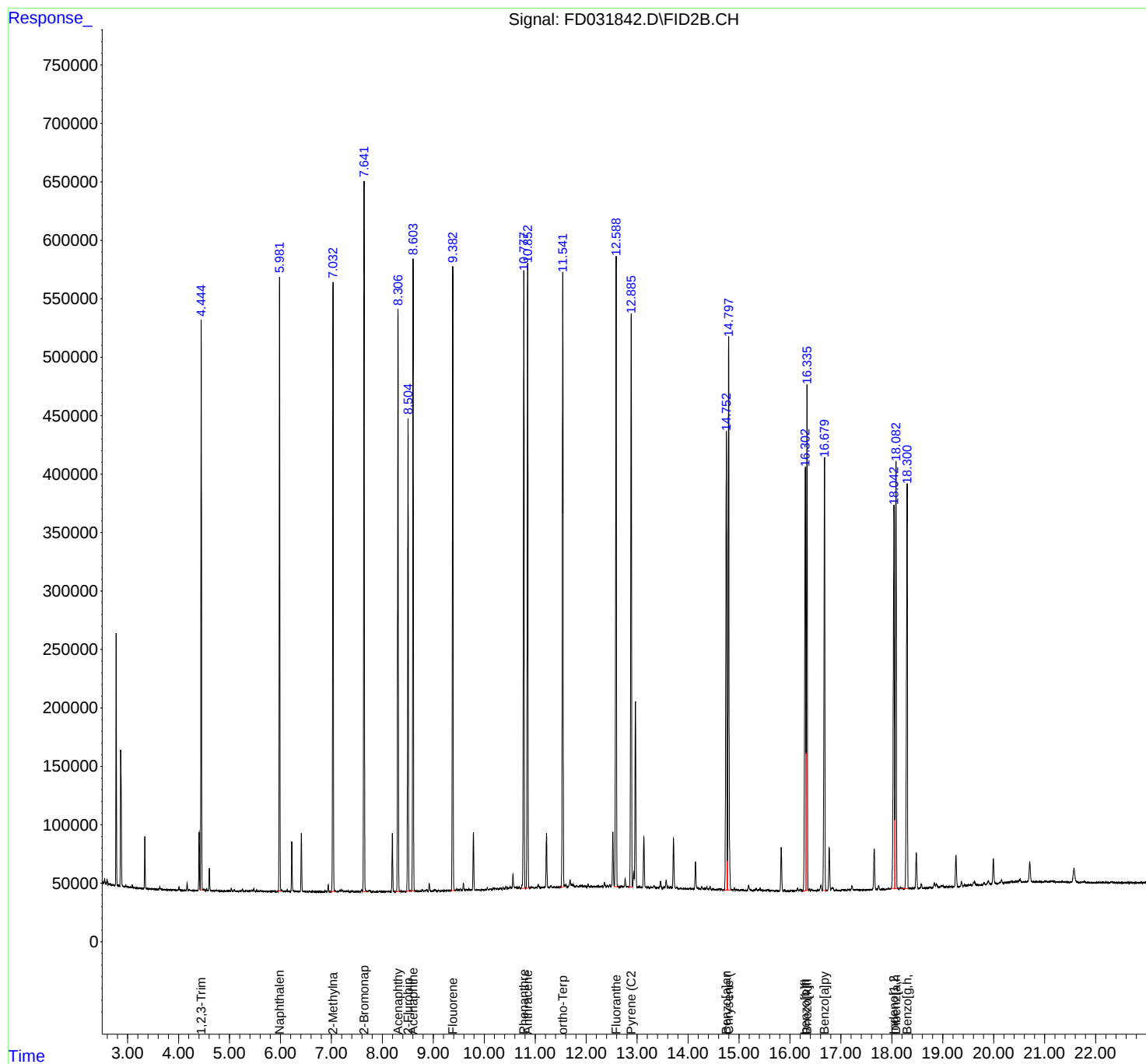
(f)=RT Delta > 1/2 Window

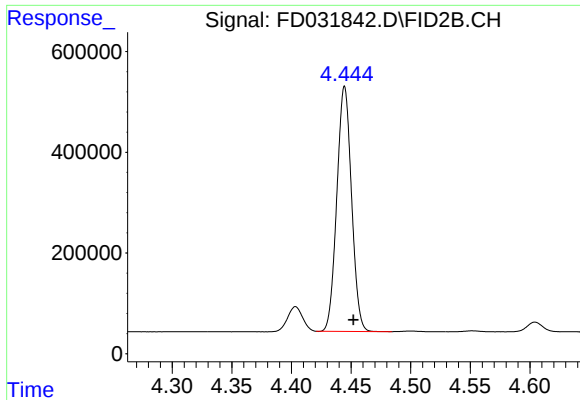
(m)=manual int.

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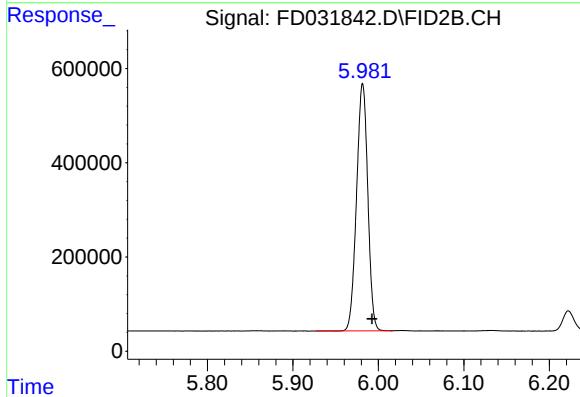
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Signal Info : 20M x 0.18mm x 0.18µm





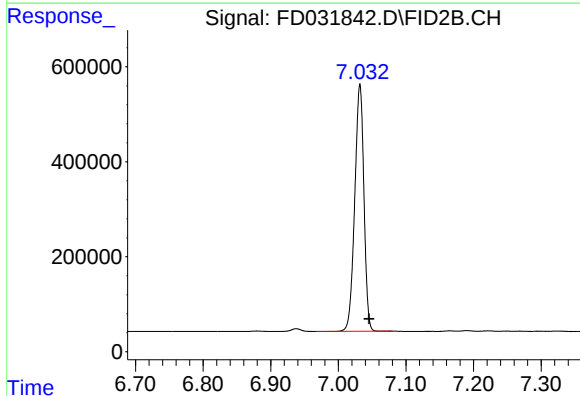
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.007 min
Response: 4168682
Conc: 32.99 ug/ml



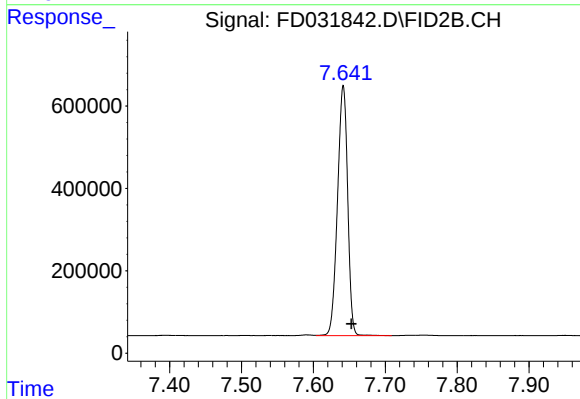
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.011 min
Response: 4794069
Conc: 35.55 ug/ml



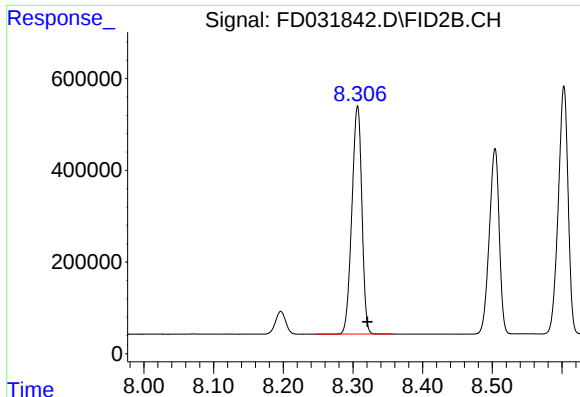
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.013 min
Response: 4903221
Conc: 36.43 ug/ml



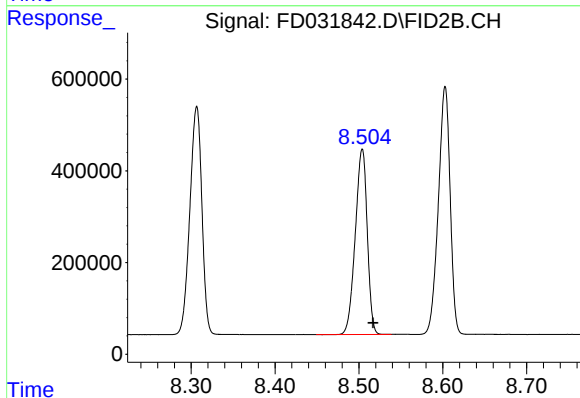
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: -0.011 min
Response: 5957072
Conc: 48.16 ug/ml



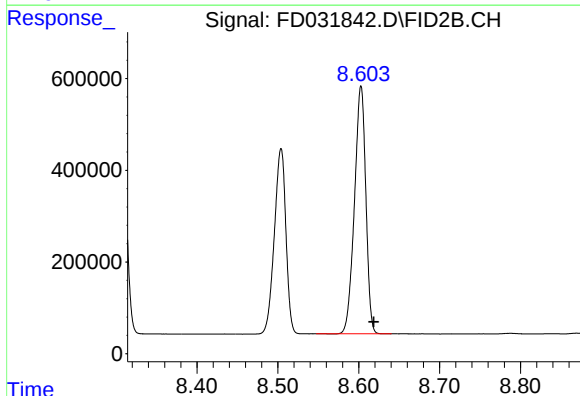
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min
Delta R.T.: -0.014 min
Response: 4951633
Conc: 37.99 ug/ml



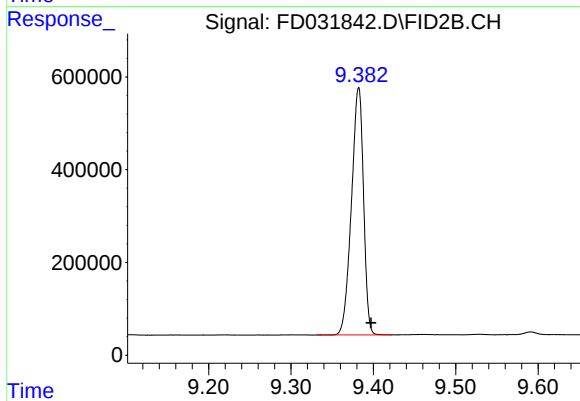
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.013 min
Response: 4005346
Conc: 46.96 ug/ml



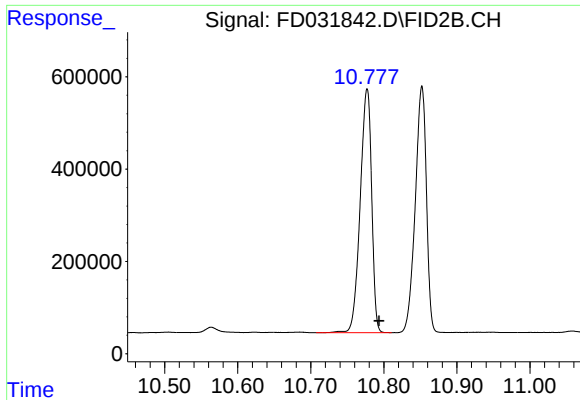
#7 Acenaphthene (C15.5)

R.T.: 8.603 min
Delta R.T.: -0.016 min
Response: 5277030
Conc: 39.05 ug/ml



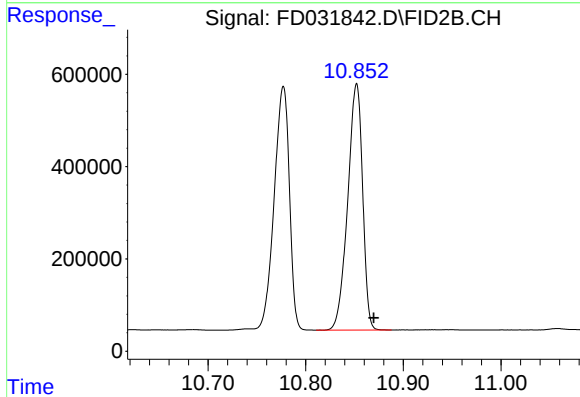
#8 Flouorene (C16.55)

R.T.: 9.382 min
Delta R.T.: -0.015 min
Response: 5435737
Conc: 40.41 ug/ml



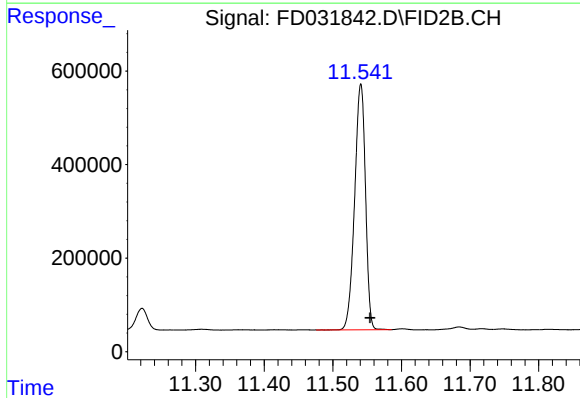
#9 Phenanthrene (C19.36)

R.T.: 10.777 min
Delta R.T.: -0.016 min
Response: 5755803
Conc: 42.67 ug/ml



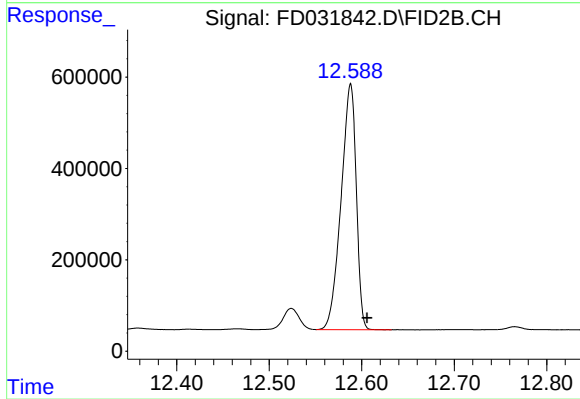
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.018 min
Response: 5663271
Conc: 42.46 ug/ml



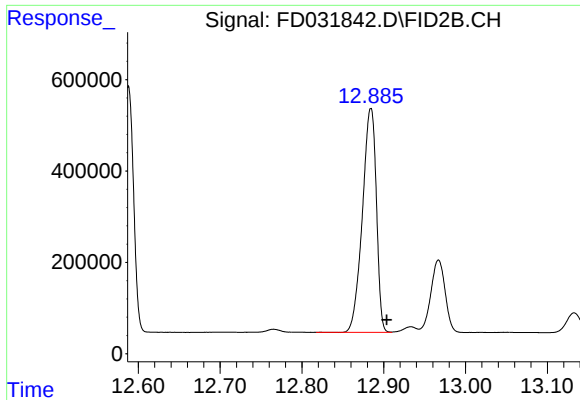
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.014 min
Response: 5770867
Conc: 43.62 ug/ml



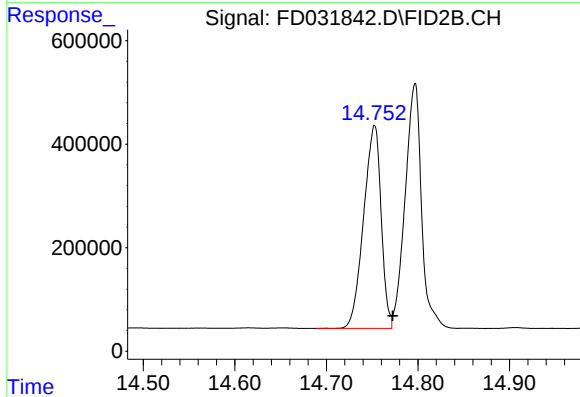
#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: -0.018 min
Response: 6142595
Conc: 45.40 ug/ml



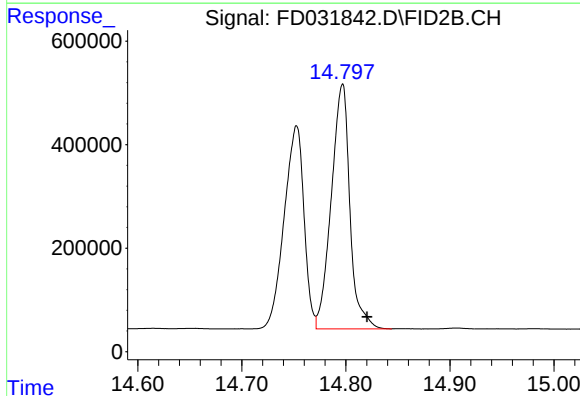
#13 Pyrene (C20.8)

R.T.: 12.884 min
Delta R.T.: -0.020 min
Response: 5817254
Conc: 43.40 ug/ml



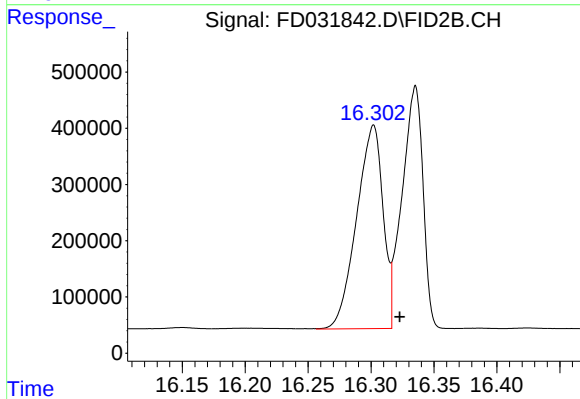
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.020 min
Response: 5197435
Conc: 40.80 ug/ml



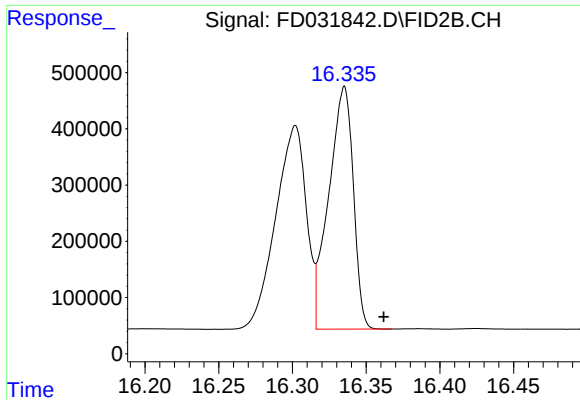
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.024 min
Response: 5882395
Conc: 46.11 ug/ml



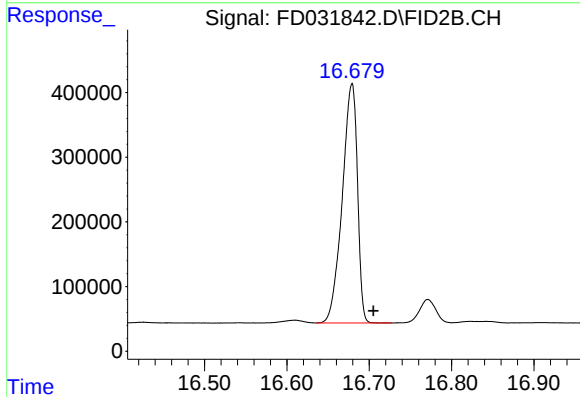
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.302 min
Delta R.T.: -0.021 min
Response: 5310444
Conc: 43.11 ug/ml m



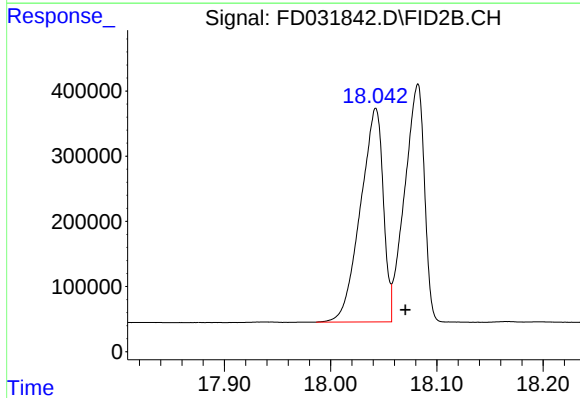
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.027 min
Response: 4993483
Conc: 41.07 ug/ml



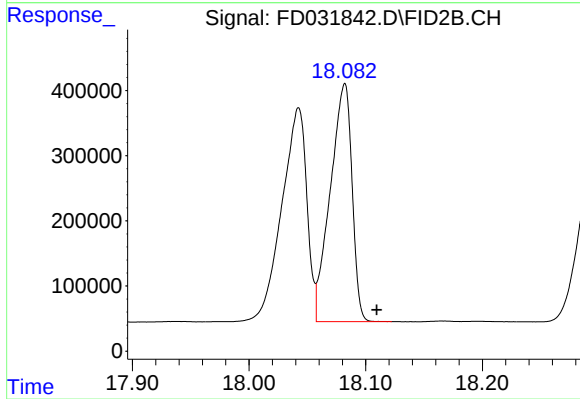
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.679 min
Delta R.T.: -0.026 min
Response: 4737705
Conc: 39.53 ug/ml



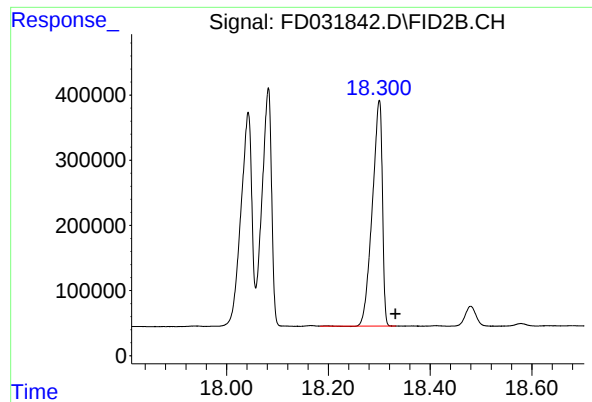
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: -0.028 min
Response: 4905044
Conc: 42.67 ug/ml m



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

R.T.: 18.082 min
Delta R.T.: -0.027 min
Response: 4730786
Conc: 41.91 ug/ml



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

R.T.: 18.300 min
Delta R.T.: -0.032 min
Response: 4753270
Conc: 41.95 ug/ml