

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121319AR\
 Data File : FD031802.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2019 14:22
 Operator : DD\AJ
 Sample : K6145-05MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 22:35:48 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...	7.643	6036445	48.802 ug/ml
Spiked Amount 50.000		Recovery =	97.60%
6) S 2-Fluorobiphenyl (SURR)	8.504	4087074	47.916 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.83%
11) S ortho-Terphenyl (SURR)	11.541	5030930	38.025 ug/ml
Spiked Amount 50.000		Recovery =	76.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	4815127	38.103 ug/mlm
2) T Naphthalene (C11.7)	5.983	5595577	41.496 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	5732546	42.596 ug/ml
5) T Acenaphthylene (C15.06)	8.308	5628087	43.177 ug/ml
7) T Acenaphthene (C15.5)	8.604	5947698	44.011 ug/ml
8) T Fluorene (C16.55)	9.383	6007349	44.662 ug/ml
9) T Phenanthrene (C19.36)	10.778	6034593	44.741 ug/ml
10) T Anthracene (C19.43)	10.852	5949871	44.605 ug/ml
12) T Fluoranthene (C21.85)	12.587	6053597	44.742 ug/ml
13) T Pyrene (C20.8)	12.884	5914049	44.124 ug/ml
14) T Benzo[a]anthracene (C...	14.753	5527837	43.391 ug/ml
15) T Chrysene (C27.41)	14.797	6775138	53.103 ug/ml
16) T benzo[b]fluoranthene ...	16.301	5658281	45.931 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.337	5454150	44.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	5085832	42.432 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	5180712	45.064 ug/mlm
20) T Dibenz[a,h]anthracene...	18.083	5061854	44.843 ug/ml
21) T Benzo[g,h,i]perylene ...	18.302	5092897	44.944 ug/ml

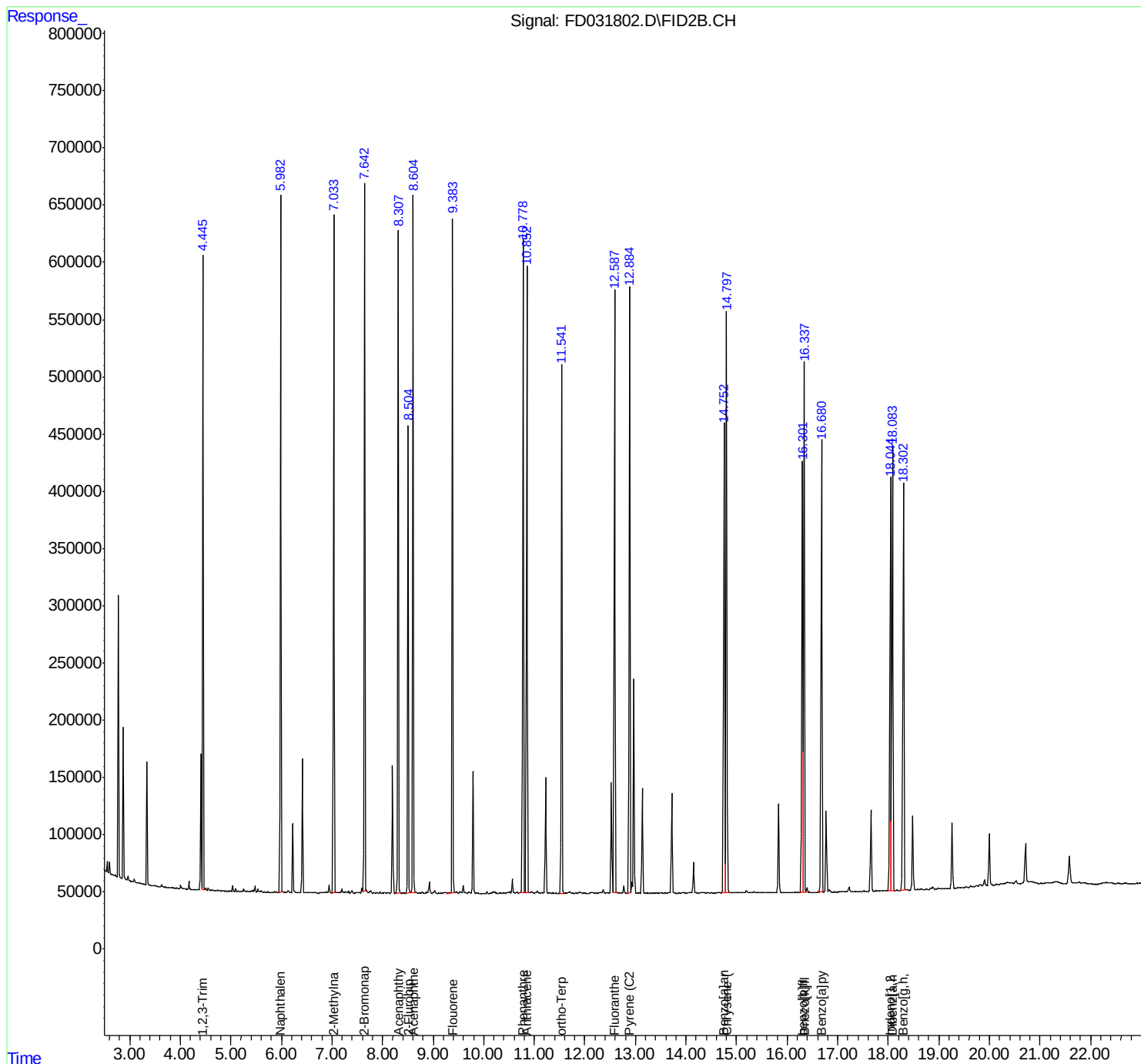
(f)=RT Delta > 1/2 Window

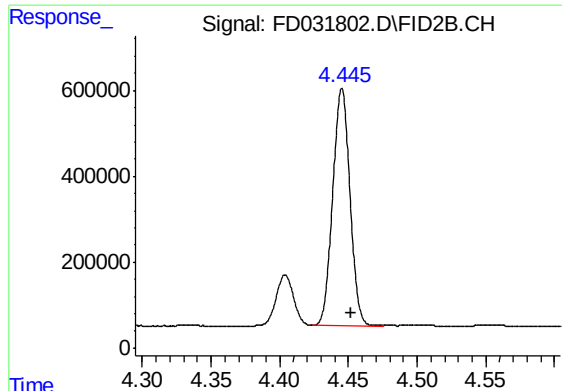
(m)=manual int.

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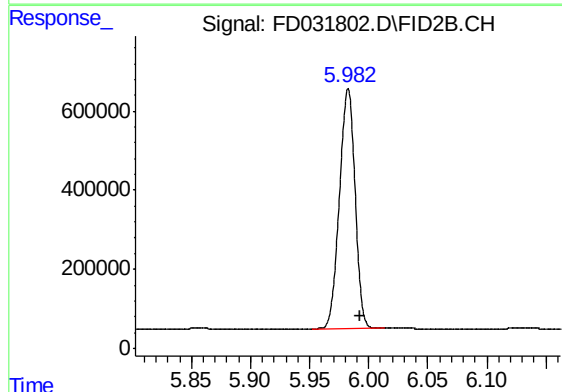
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Signal Info : 20M x 0.18mm x 0.18µm





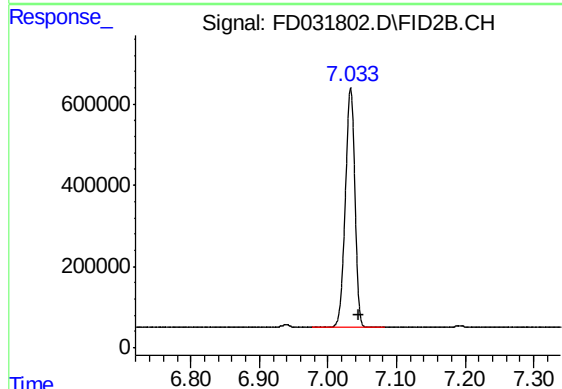
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.007 min
Response: 4815127
Conc: 38.10 ug/ml m



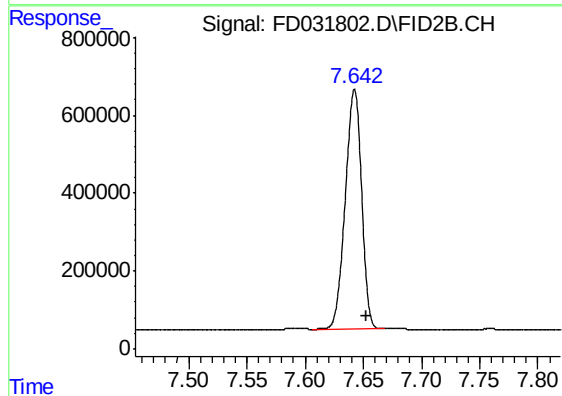
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.010 min
Response: 5595577
Conc: 41.50 ug/ml



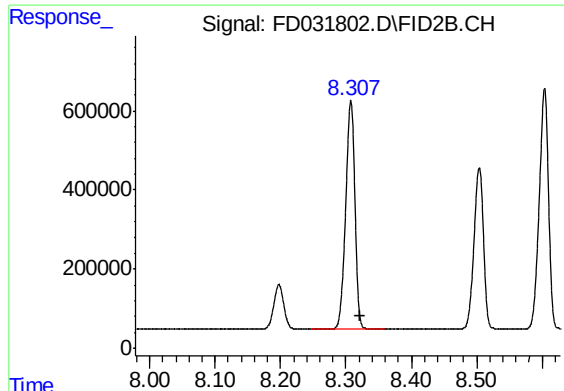
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.012 min
Response: 5732546
Conc: 42.60 ug/ml



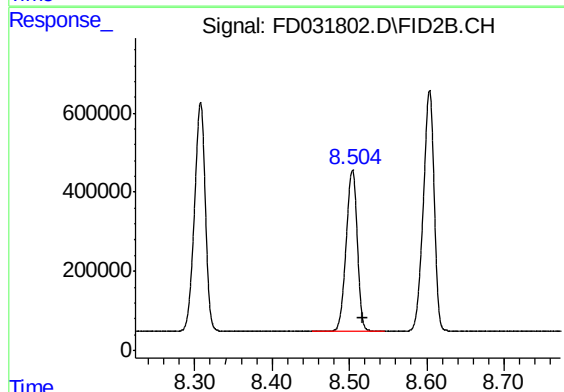
#4 2-Bromonaphthalene (SURR)

R.T.: 7.643 min
Delta R.T.: -0.010 min
Response: 6036445
Conc: 48.80 ug/ml



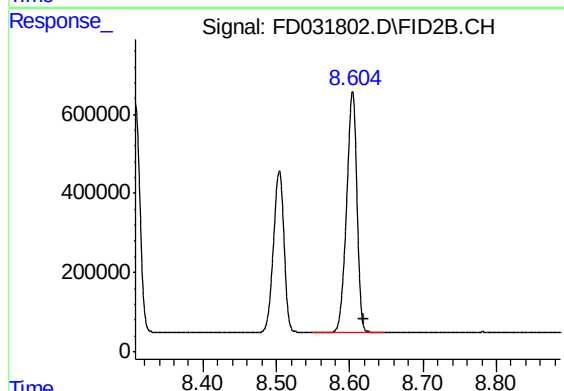
#5 Acenaphthylene (C15.06)

R.T.: 8.308 min
Delta R.T.: -0.013 min
Response: 5628087
Conc: 43.18 ug/ml



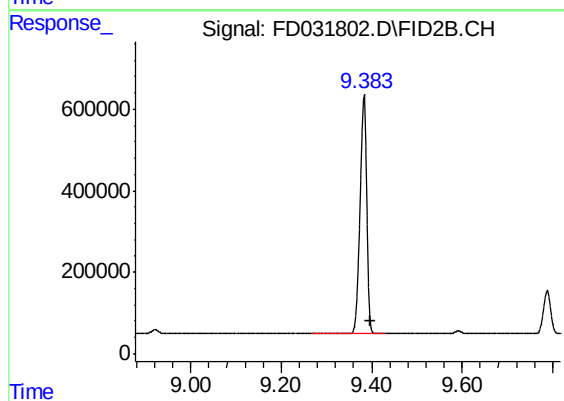
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.013 min
Response: 4087074
Conc: 47.92 ug/ml



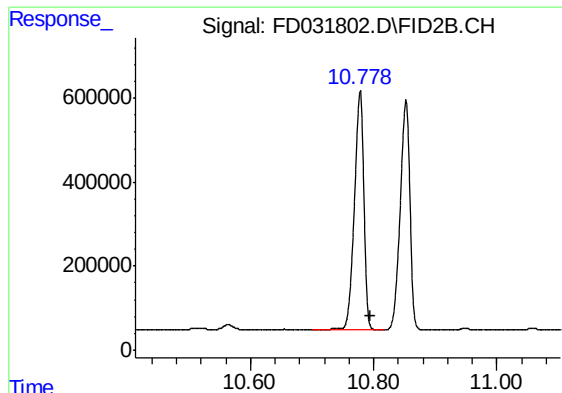
#7 Acenaphthene (C15.5)

R.T.: 8.604 min
Delta R.T.: -0.015 min
Response: 5947698
Conc: 44.01 ug/ml



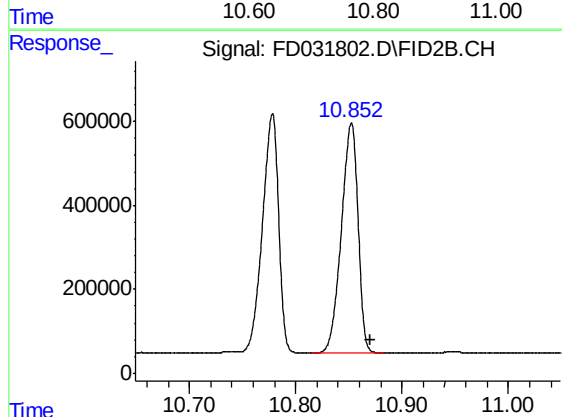
#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.014 min
Response: 6007349
Conc: 44.66 ug/ml



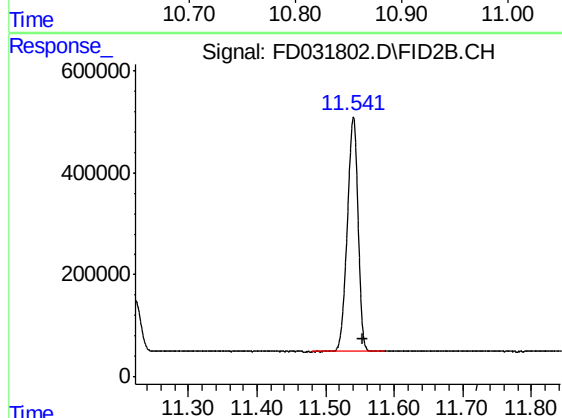
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.015 min
Response: 6034593
Conc: 44.74 ug/ml



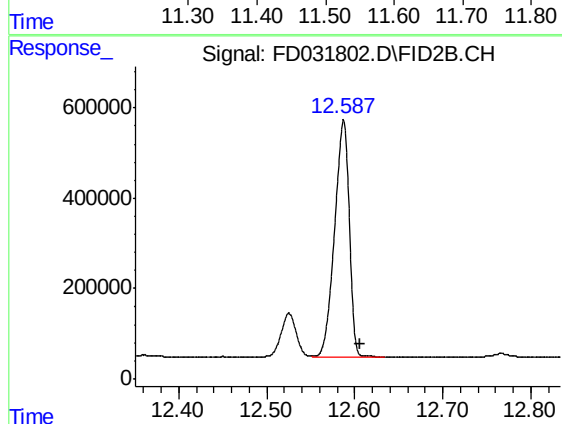
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.017 min
Response: 5949871
Conc: 44.60 ug/ml



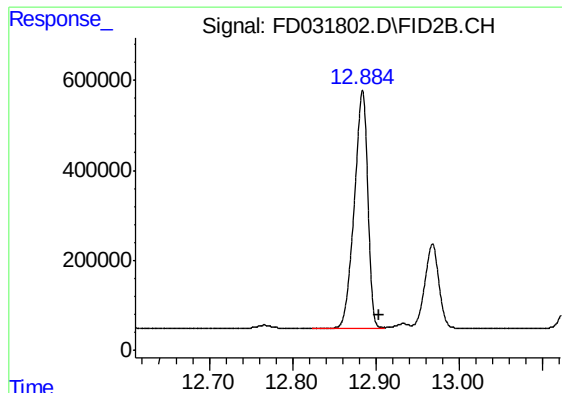
#11 ortho-Terphenyl (SURRE)

R.T.: 11.541 min
Delta R.T.: -0.014 min
Response: 5030930
Conc: 38.03 ug/ml



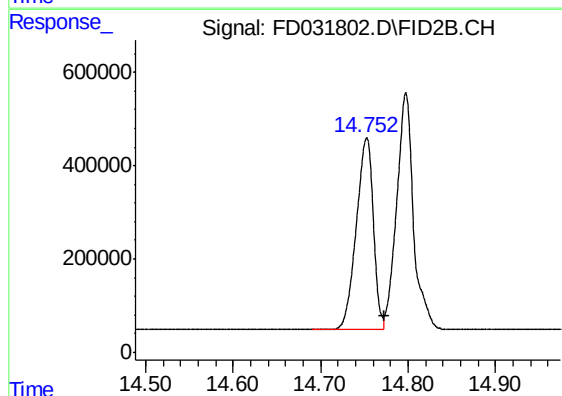
#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: -0.019 min
Response: 6053597
Conc: 44.74 ug/ml



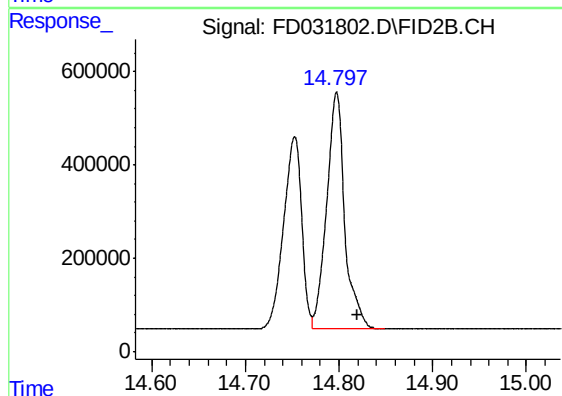
#13 Pyrene (C20.8)

R.T.: 12.884 min
Delta R.T.: -0.020 min
Response: 5914049
Conc: 44.12 ug/ml



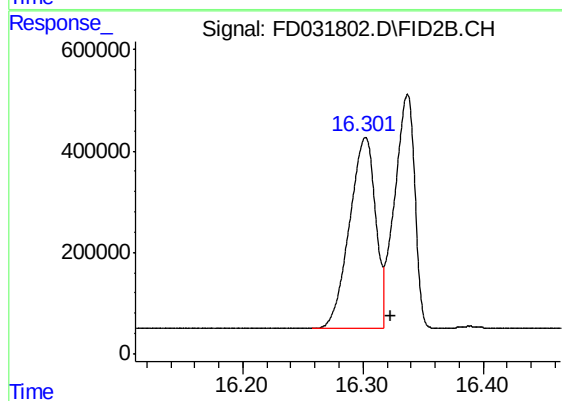
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.020 min
Response: 5527837
Conc: 43.39 ug/ml



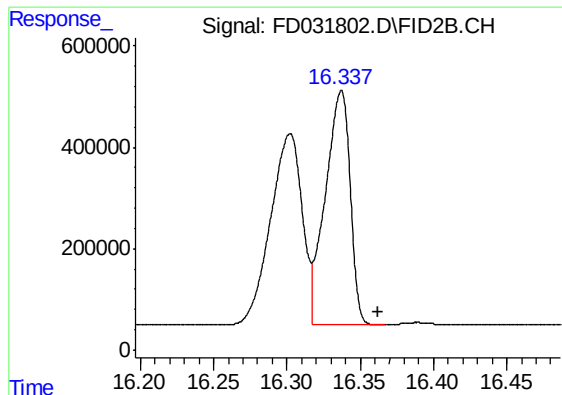
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.023 min
Response: 6775138
Conc: 53.10 ug/ml



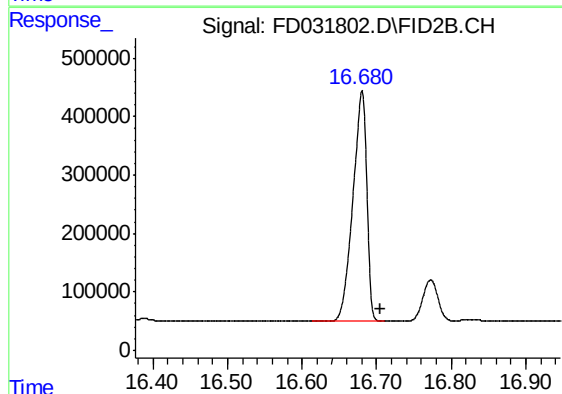
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.301 min
Delta R.T.: -0.021 min
Response: 5658281
Conc: 45.93 ug/ml m



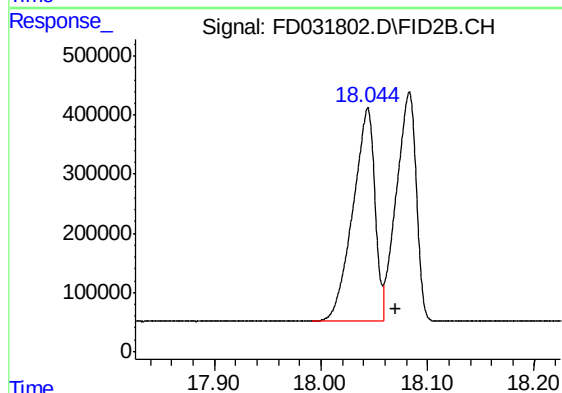
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: -0.025 min
Response: 5454150
Conc: 44.86 ug/ml



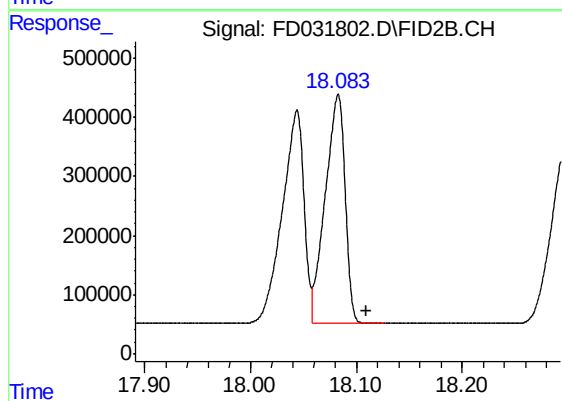
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: -0.025 min
Response: 5085832
Conc: 42.43 ug/ml



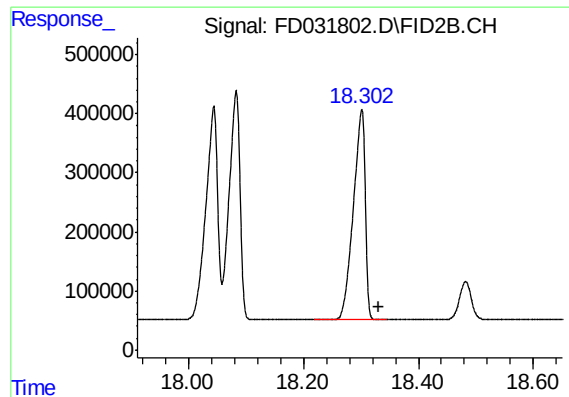
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: -0.026 min
Response: 5180712
Conc: 45.06 ug/ml m



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

R.T.: 18.083 min
Delta R.T.: -0.027 min
Response: 5061854
Conc: 44.84 ug/ml



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

R.T.: 18.302 min
Delta R.T.: -0.030 min
Response: 5092897
Conc: 44.94 ug/ml