

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121021AR\
 Data File : FD039791.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 18:07
 Operator : AJ\MA
 Sample : PB141218BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 23:32:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 04:09:28 2021
 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...	7.575	6282488	44.075 ug/ml
Spiked Amount 50.000		Recovery =	88.15%
6) S 2-Fluorobiphenyl (SURR)	8.437	4311821	45.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.48%
11) S ortho-Terphenyl (SURR)	11.475	6695335	41.439 ug/ml
Spiked Amount 50.000		Recovery =	82.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	4725695	30.791 ug/ml
2) T Naphthalene (C11.7)	5.913	5298175	33.862 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	5324200	33.028 ug/ml
5) T Acenaphthylene (C15.06)	8.238	5813552	37.401 ug/ml
7) T Acenaphthene (C15.5)	8.534	6180212	37.382 ug/ml
8) T Fluorene (C16.55)	9.315	6137423	39.130 ug/ml
9) T Phenanthrene (C19.36)	10.711	6619343	41.784 ug/ml
10) T Anthracene (C19.43)	10.786	6185017	42.199 ug/ml
12) T Fluoranthene (C21.85)	12.523	6866209	43.466 ug/ml
13) T Pyrene (C20.8)	12.819	6767700	44.262 ug/ml
14) T Benzo[a]anthracene (C...	14.690	6290911	49.464 ug/ml
15) T Chrysene (C27.41)	14.734	6718916	48.530 ug/ml
16) T benzo[b]fluoranthene ...	16.240	6160240	49.995 ug/ml
17) T Bnezo[k]fluoranthene ...	16.275	6028136	47.296 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	5755232	50.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	4971272	47.530 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	5132540	49.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.239	5241986	47.911 ug/ml

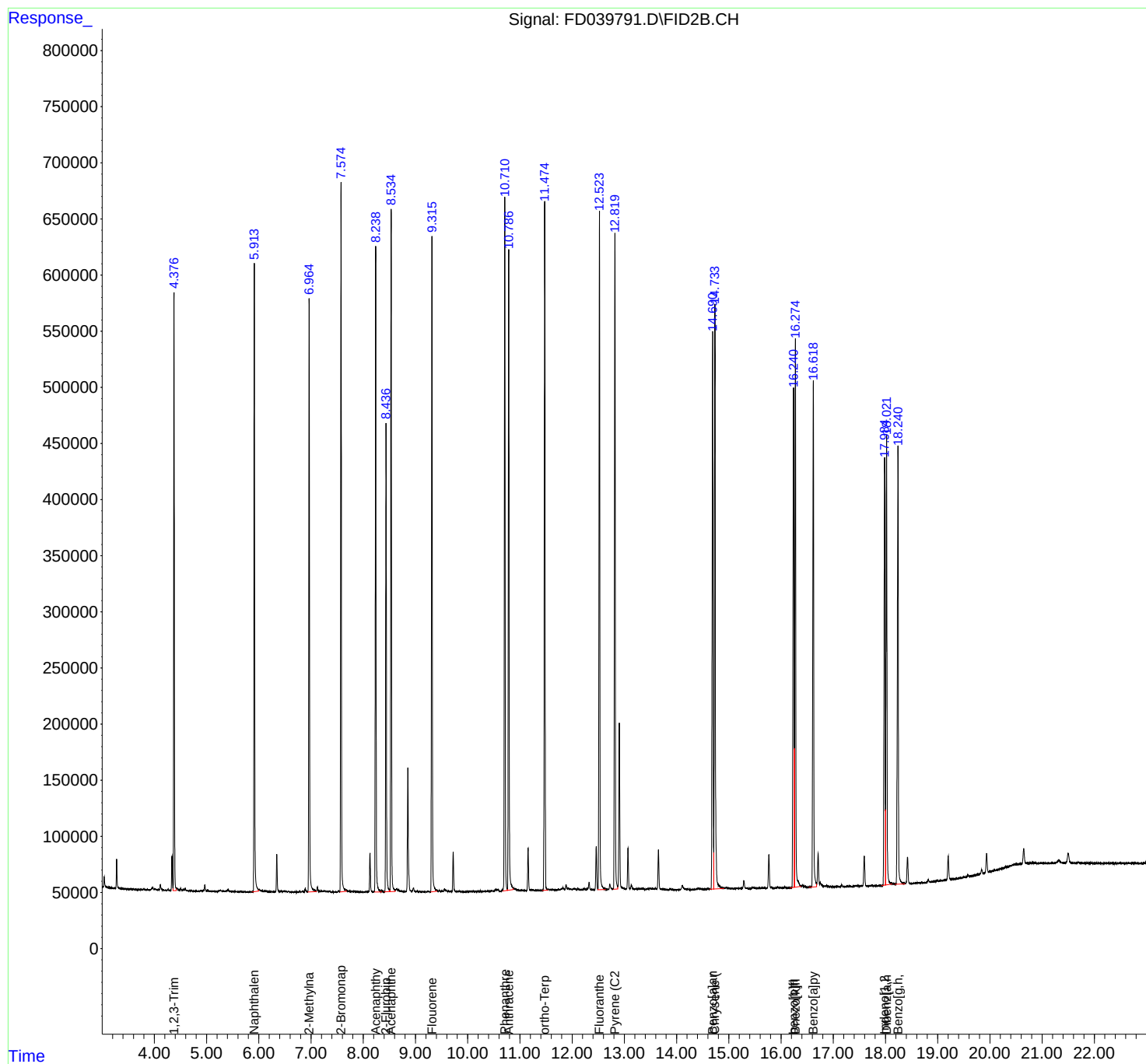
(f)=RT Delta > 1/2 Window

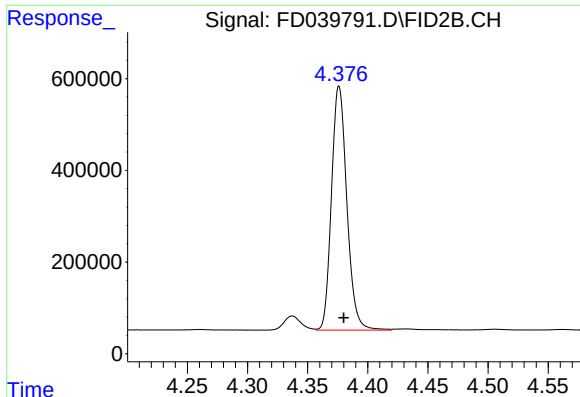
(m)=manual int.

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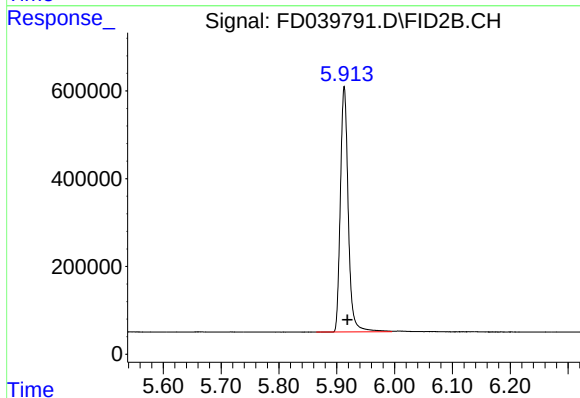
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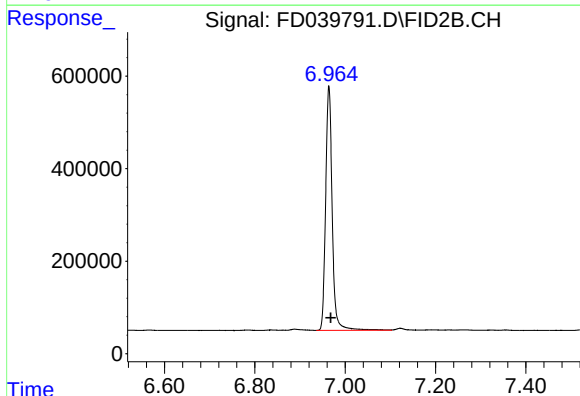
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.004 min
Response: 4725695
Conc: 30.79 ug/ml



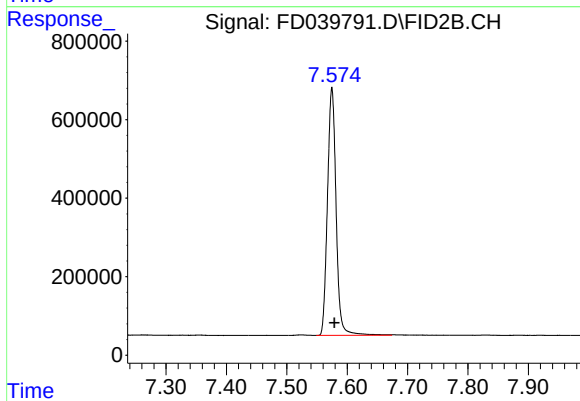
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.005 min
Response: 5298175
Conc: 33.86 ug/ml



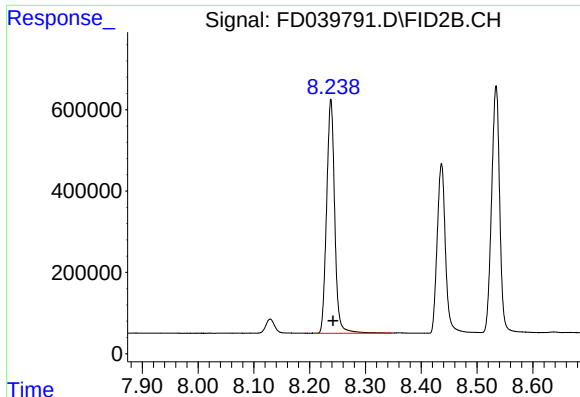
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: -0.004 min
Response: 5324200
Conc: 33.03 ug/ml



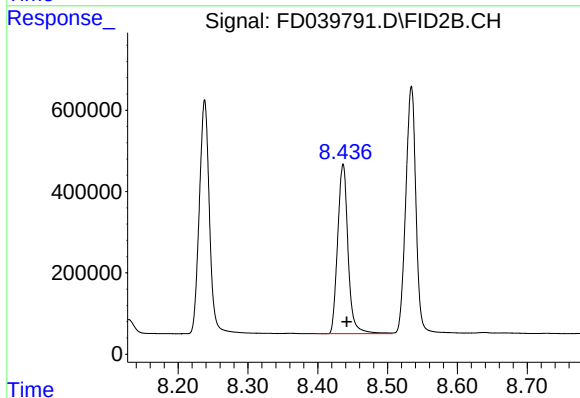
#4 2-Bromonaphthalene (SURR)

R.T.: 7.575 min
Delta R.T.: -0.004 min
Response: 6282488
Conc: 44.07 ug/ml



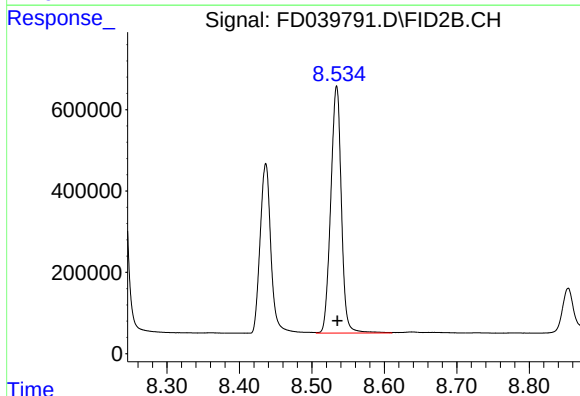
#5 Acenaphthylene (C15.06)

R.T.: 8.238 min
Delta R.T.: -0.004 min
Response: 5813552
Conc: 37.40 ug/ml



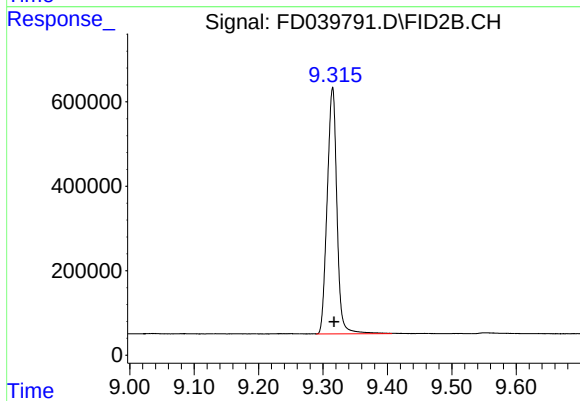
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: -0.005 min
Response: 4311821
Conc: 45.24 ug/ml



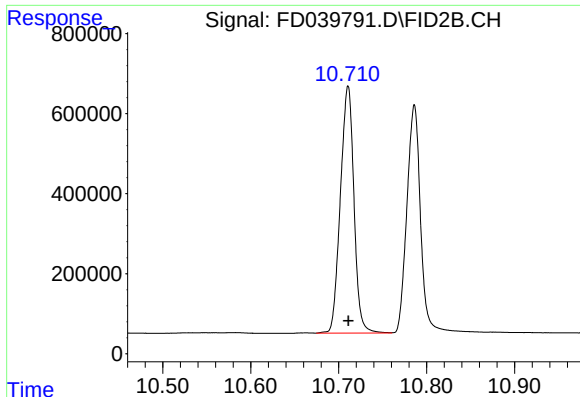
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.001 min
Response: 6180212
Conc: 37.38 ug/ml



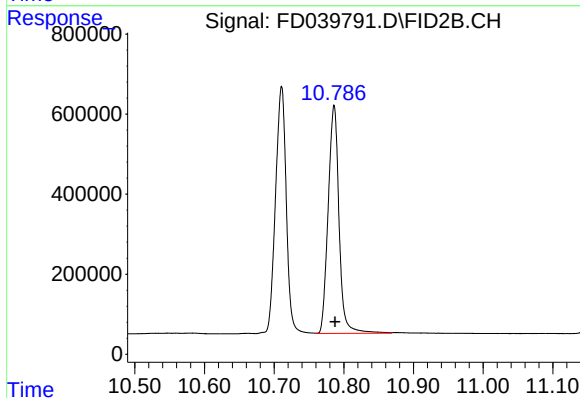
#8 Flouorene (C16.55)

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 6137423
Conc: 39.13 ug/ml



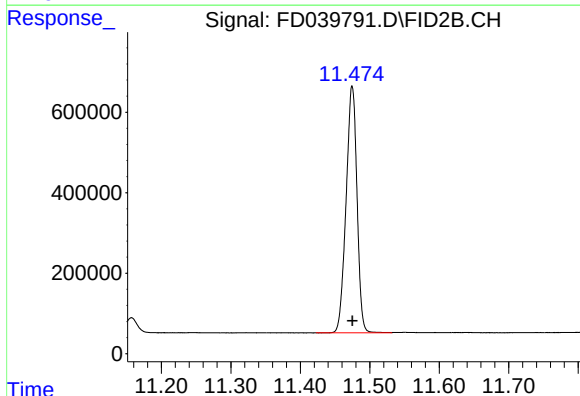
#9 Phenanthrene (C19.36)

R.T.: 10.711 min
Delta R.T.: 0.000 min
Response: 6619343
Conc: 41.78 ug/ml



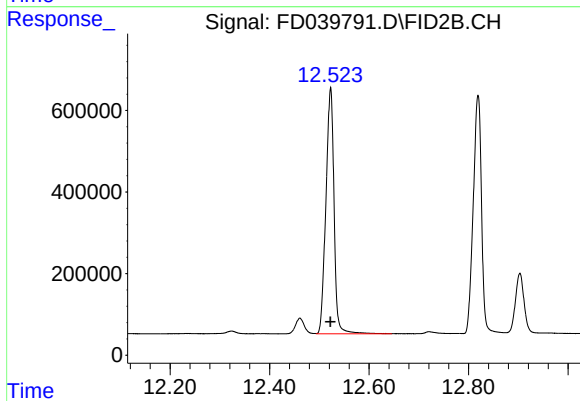
#10 Anthracene (C19.43)

R.T.: 10.786 min
Delta R.T.: -0.001 min
Response: 6185017
Conc: 42.20 ug/ml



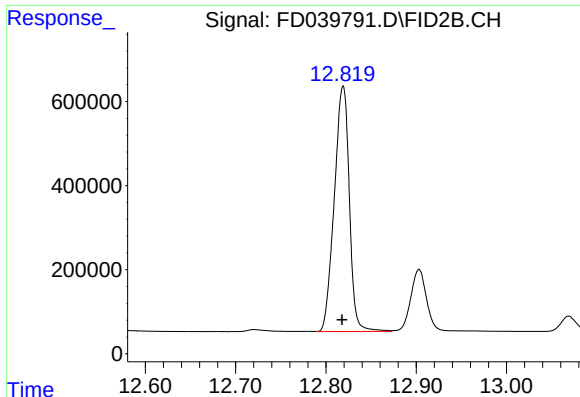
#11 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: 0.000 min
Response: 6695335
Conc: 41.44 ug/ml



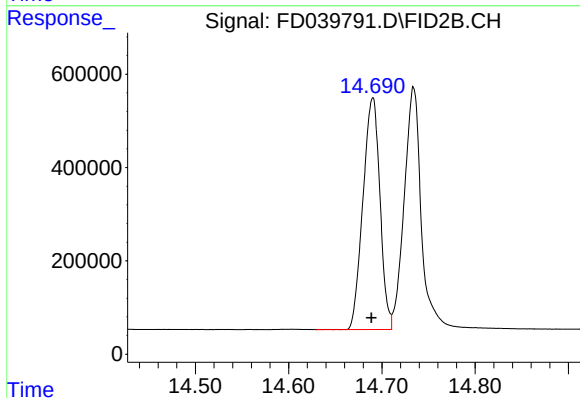
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 6866209
Conc: 43.47 ug/ml



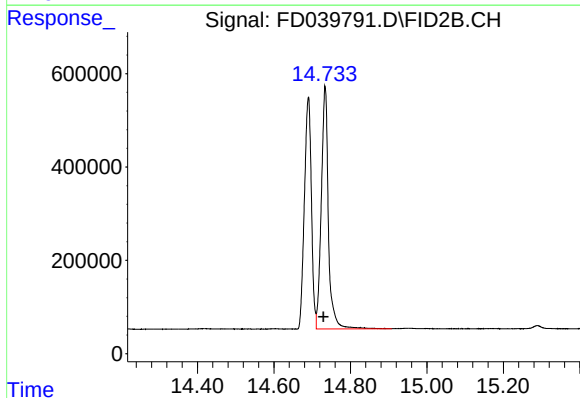
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: 0.001 min
Response: 6767700
Conc: 44.26 ug/ml



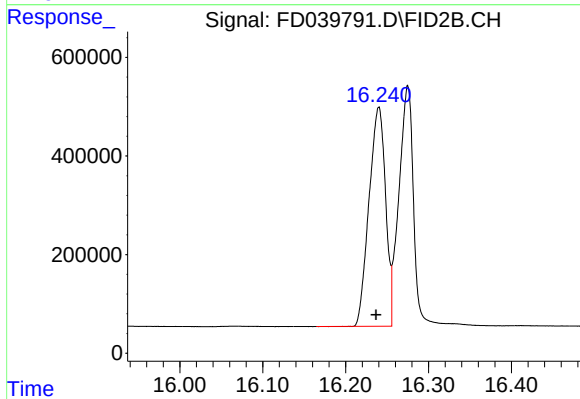
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.690 min
Delta R.T.: 0.001 min
Response: 6290911
Conc: 49.46 ug/ml



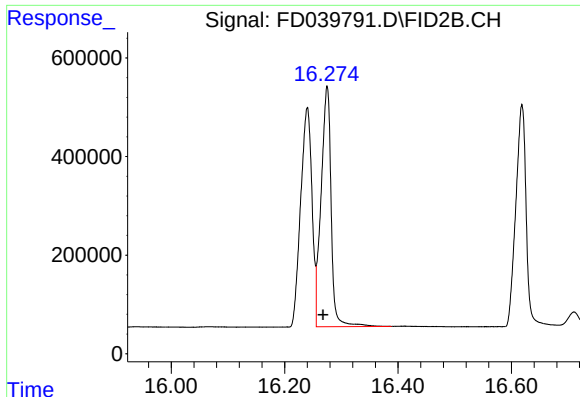
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: 0.005 min
Response: 6718916
Conc: 48.53 ug/ml



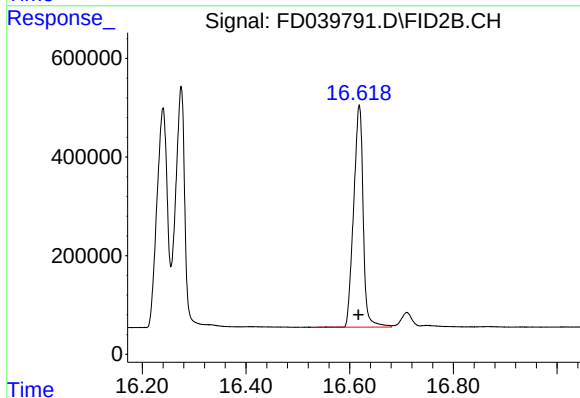
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: 0.003 min
Response: 6160240
Conc: 49.99 ug/ml



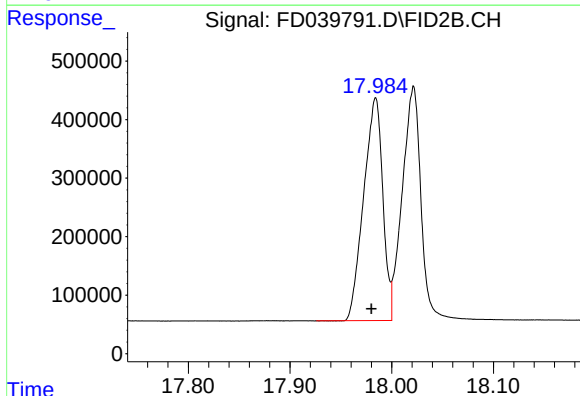
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.275 min
Delta R.T.: 0.007 min
Response: 6028136
Conc: 47.30 ug/ml



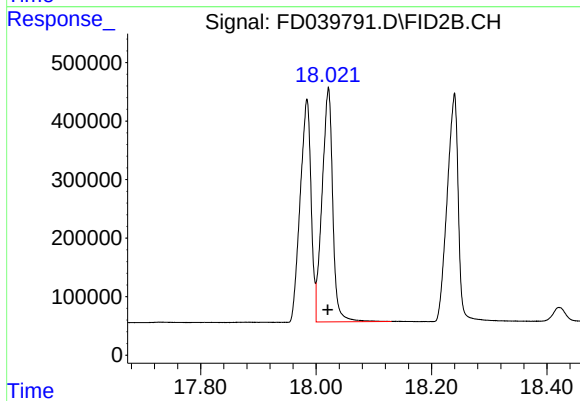
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: 0.002 min
Response: 5755232
Conc: 50.92 ug/ml



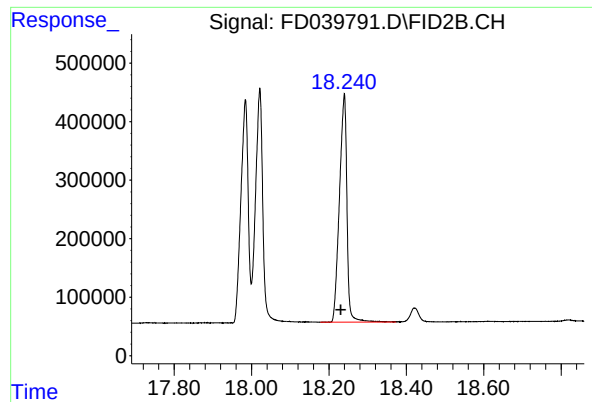
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: 0.004 min
Response: 4971272
Conc: 47.53 ug/ml



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

R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 5132540
Conc: 49.50 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.008 min
Response: 5241986
Conc: 47.91 ug/ml