

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052220AR\
 Data File : FD033591.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2020 14:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 04:39:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.578	1987846	19.117 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
6) S 2-Fluorobiphenyl (SURR)	8.441	1354739	19.600 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.20%
11) S ortho-Terphenyl (SURR)	11.468	2382701	18.173 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	2261371	19.836 ug/ml
2) T Naphthalene (C11.7)	5.921	2276011	19.741 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	2290902	19.291 ug/ml
5) T Acenaphthylene (C15.06)	8.241	2292457	18.712 ug/ml
7) T Acenaphthene (C15.5)	8.535	2387370	18.484 ug/ml
8) T Flouorene (C16.55)	9.315	2241191	18.869 ug/ml
9) T Phenanthrene (C19.36)	10.709	2275431	18.550 ug/ml
10) T Anthracene (C19.43)	10.783	2200475	18.077 ug/ml
12) T Fluoranthene (C21.85)	12.517	2287589	18.146 ug/ml
13) T Pyrene (C20.8)	12.813	2224217	18.248 ug/ml
14) T Benzo[a]anthracene (C...	14.685	2109290	18.723 ug/ml
15) T Chrysene (C27.41)	14.726	2259408	17.381 ug/ml
16) T benzo[b]fluoranthene ...	16.237	2102093	18.410 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	2174295	17.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2077009	17.714 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	1954224	19.143 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	2192815	18.169 ug/ml
21) T Benzo[g,h,i]perylene ...	18.239	2072079	18.597 ug/ml

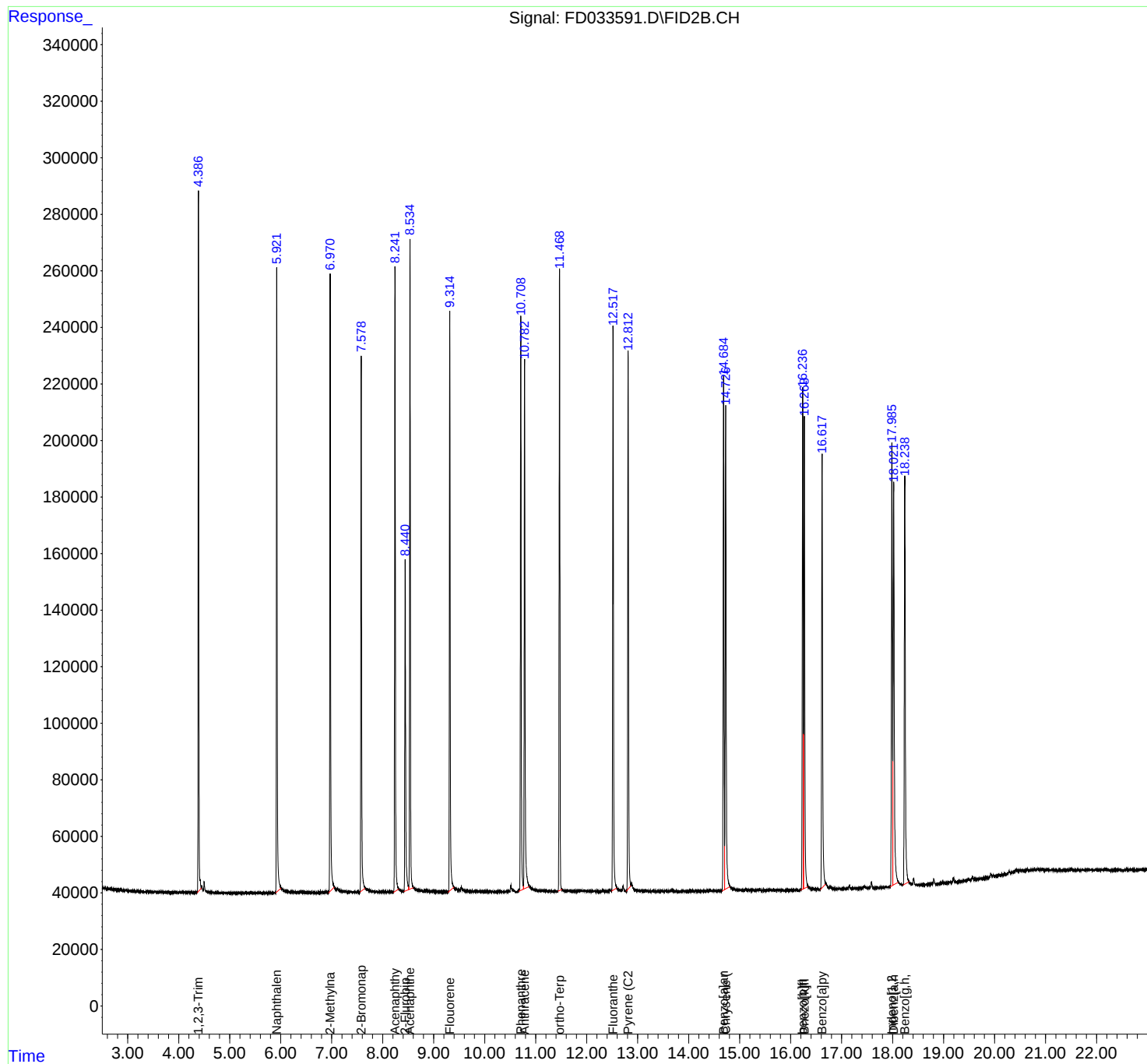
(f)=RT Delta > 1/2 Window

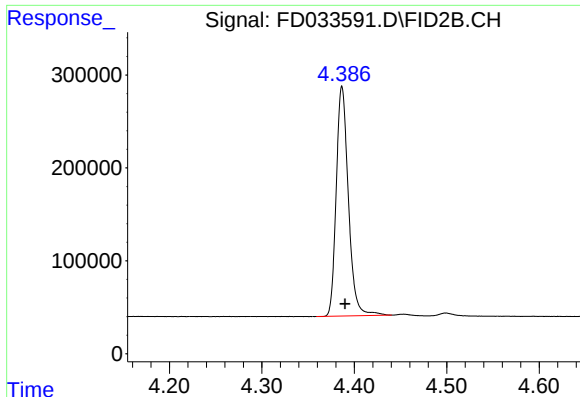
(m)=manual int.

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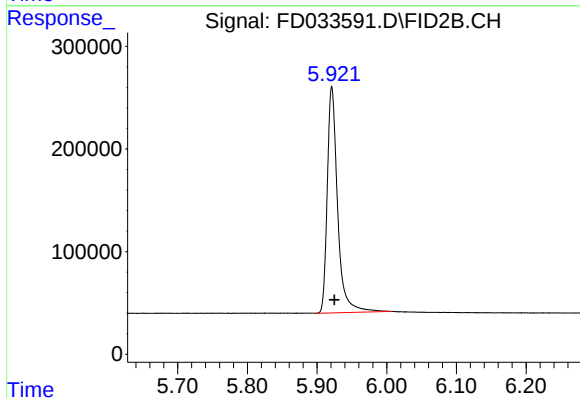
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Signal Info : 20M x 0.18mm x 0.18µm





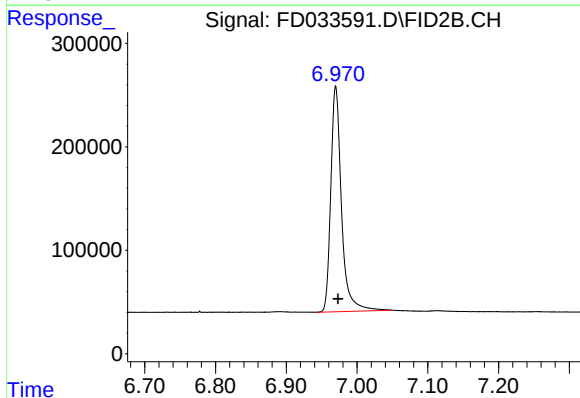
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 2261371
Conc: 19.84 ug/ml



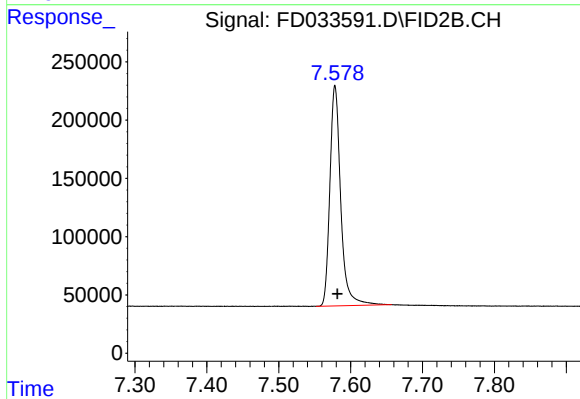
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 2276011
Conc: 19.74 ug/ml



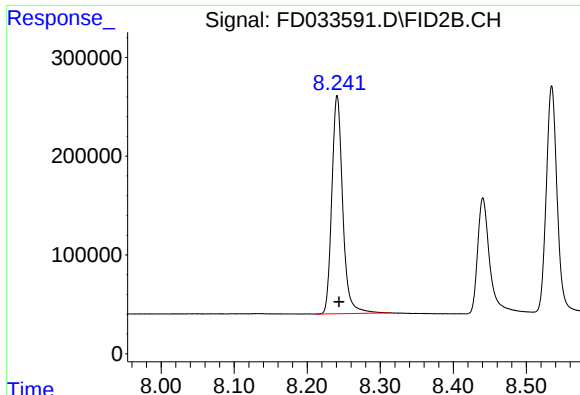
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.003 min
Response: 2290902
Conc: 19.29 ug/ml



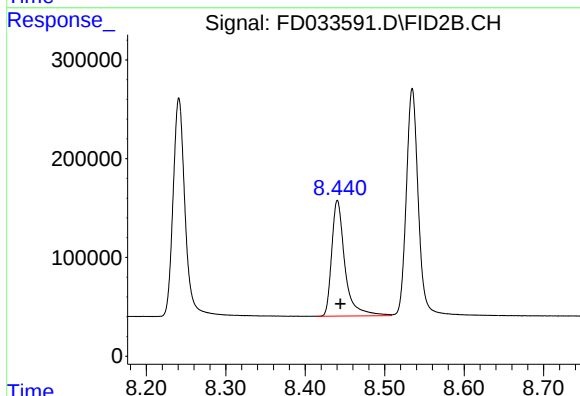
#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min
Delta R.T.: -0.003 min
Response: 1987846
Conc: 19.12 ug/ml



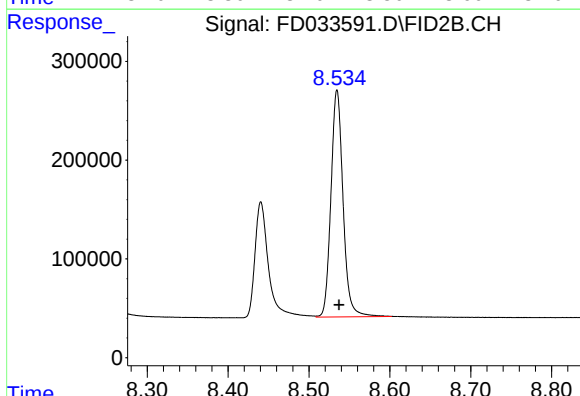
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: -0.003 min
Response: 2292457
Conc: 18.71 ug/ml



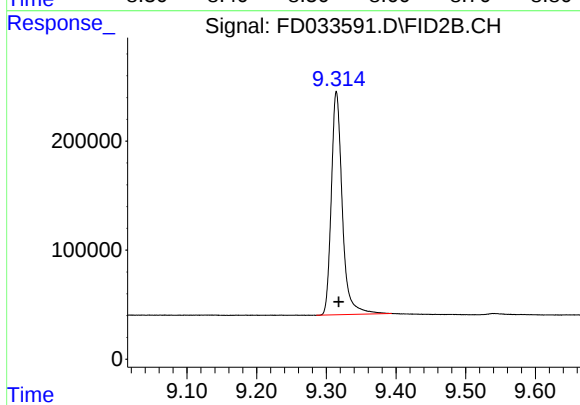
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 1354739
Conc: 19.60 ug/ml



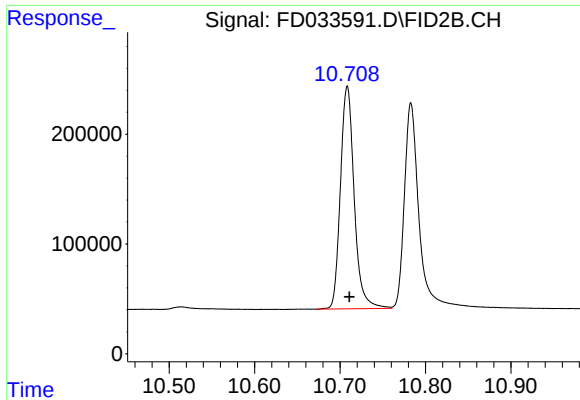
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 2387370
Conc: 18.48 ug/ml



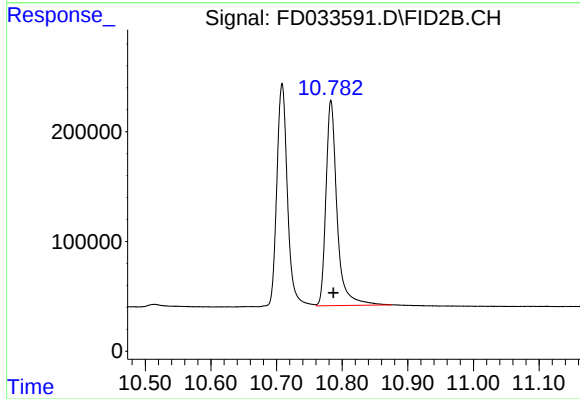
#8 Flouorene (C16.55)

R.T.: 9.315 min
Delta R.T.: -0.003 min
Response: 2241191
Conc: 18.87 ug/ml



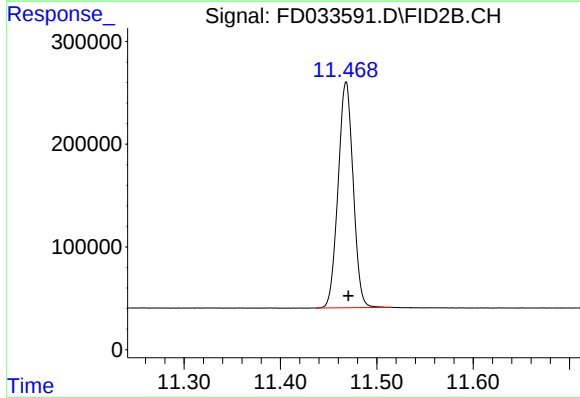
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: -0.002 min
Response: 2275431
Conc: 18.55 ug/ml



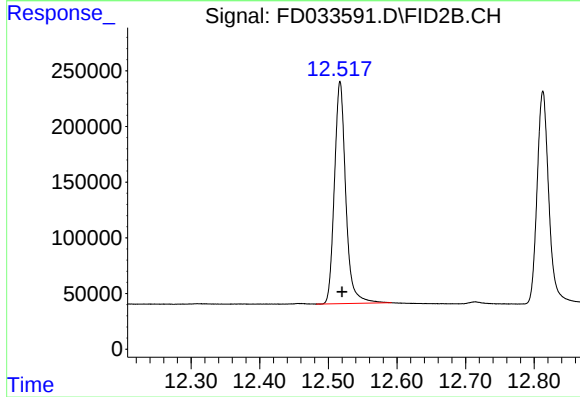
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: -0.004 min
Response: 2200475
Conc: 18.08 ug/ml



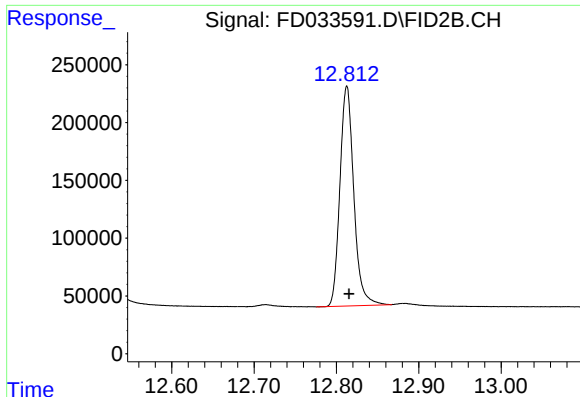
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.002 min
Response: 2382701
Conc: 18.17 ug/ml



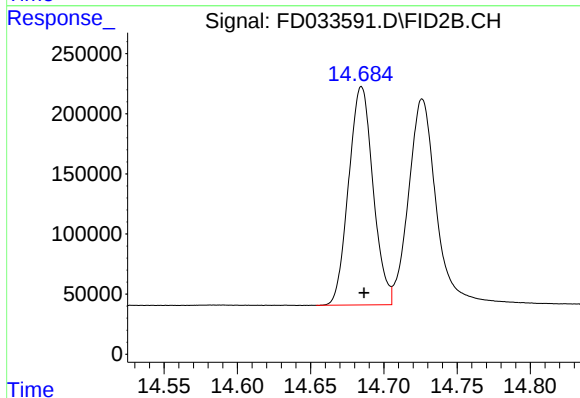
#12 Fluoranthene (C21.85)

R.T.: 12.517 min
Delta R.T.: -0.003 min
Response: 2287589
Conc: 18.15 ug/ml



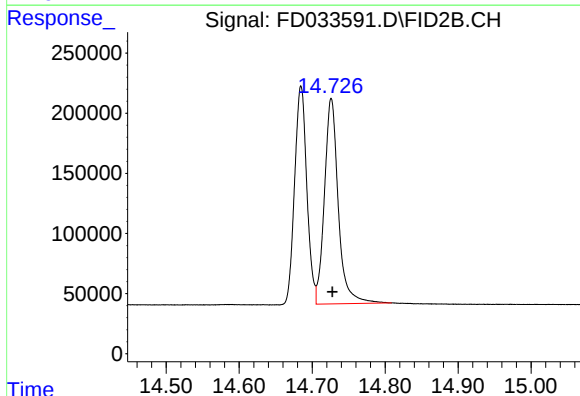
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 2224217
Conc: 18.25 ug/ml



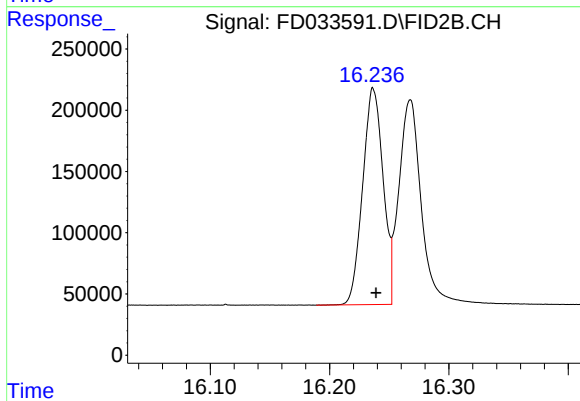
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: -0.002 min
Response: 2109290
Conc: 18.72 ug/ml



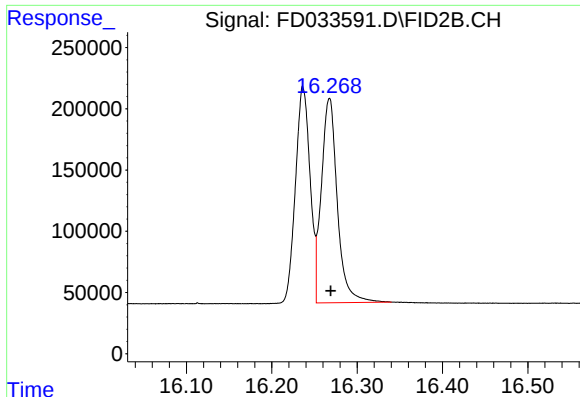
#15 Chrysene (C27.41)

R.T.: 14.726 min
Delta R.T.: -0.001 min
Response: 2259408
Conc: 17.38 ug/ml



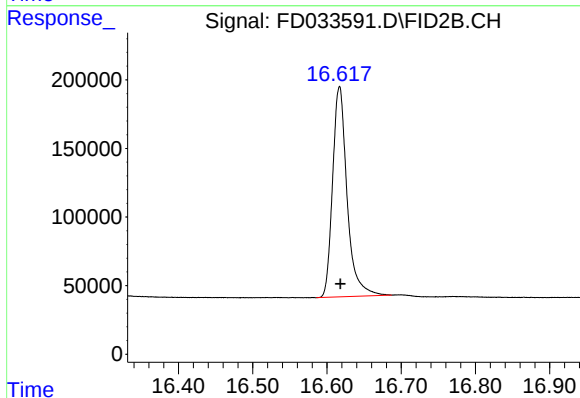
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.237 min
Delta R.T.: -0.002 min
Response: 2102093
Conc: 18.41 ug/ml



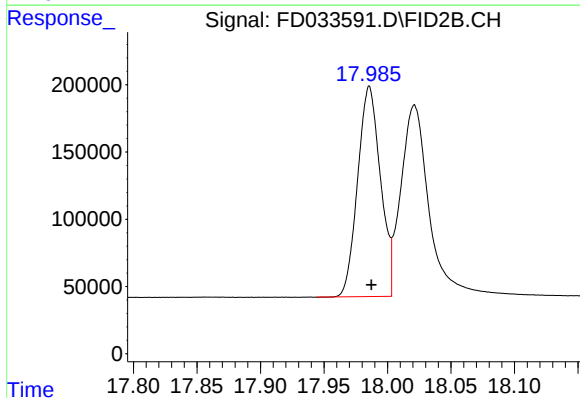
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.268 min
Delta R.T.: -0.002 min
Response: 2174295
Conc: 17.47 ug/ml



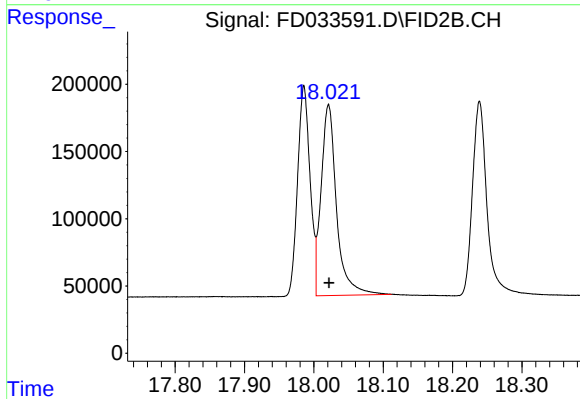
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.001 min
Response: 2077009
Conc: 17.71 ug/ml



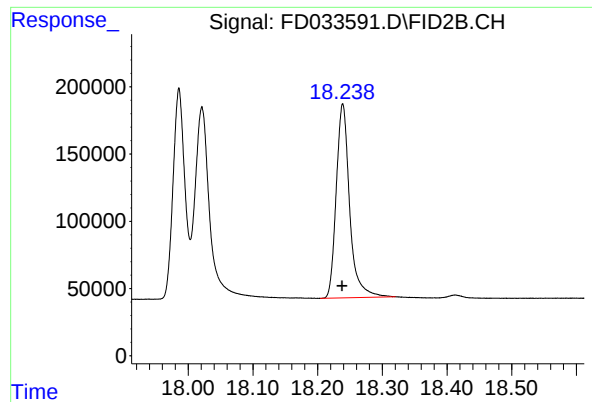
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: -0.002 min
Response: 1954224
Conc: 19.14 ug/ml



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

R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 2192815
Conc: 18.17 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.001 min
Response: 2072079
Conc: 18.60 ug/ml