

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101420AR\
 Data File : FD035045.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2020 1:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 03:05:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.664	2431907	20.862 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
6) S 2-Fluorobiphenyl (SURR)	8.529	1662838	20.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.51%
11) S ortho-Terphenyl (SURR)	11.569	2732857	19.930 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	2743782	21.131 ug/ml
2) T Naphthalene (C11.7)	6.001	2879235	21.036 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	2877251	20.977 ug/ml
5) T Acenaphthylene (C15.06)	8.331	2722716	20.110 ug/ml
7) T Acenaphthene (C15.5)	8.627	2826271	20.472 ug/ml
8) T Fluorene (C16.55)	9.408	2695062	20.048 ug/ml
9) T Phenanthrene (C19.36)	10.805	2604499	19.500 ug/ml
10) T Anthracene (C19.43)	10.880	2406529	17.820 ug/ml
12) T Fluoranthene (C21.85)	12.617	2471547	18.781 ug/ml
13) T Pyrene (C20.8)	12.915	2352275	18.374 ug/ml
14) T Benzo[a]anthracene (C...	14.786	2055747	18.058 ug/ml
15) T Chrysene (C27.41)	14.828	2202098	17.979 ug/ml
16) T benzo[b]fluoranthene ...	16.338	2066367	19.278 ug/ml
17) T Bnezo[k]fluoranthene ...	16.369	2067895	19.143 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	1897603	19.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	1964327	21.204 ug/mlm
20) T Dibenz[a,h]anthracene...	18.119	2143124	21.221 ug/ml
21) T Benzo[g,h,i]perylene ...	18.335	2052653	21.302 ug/ml

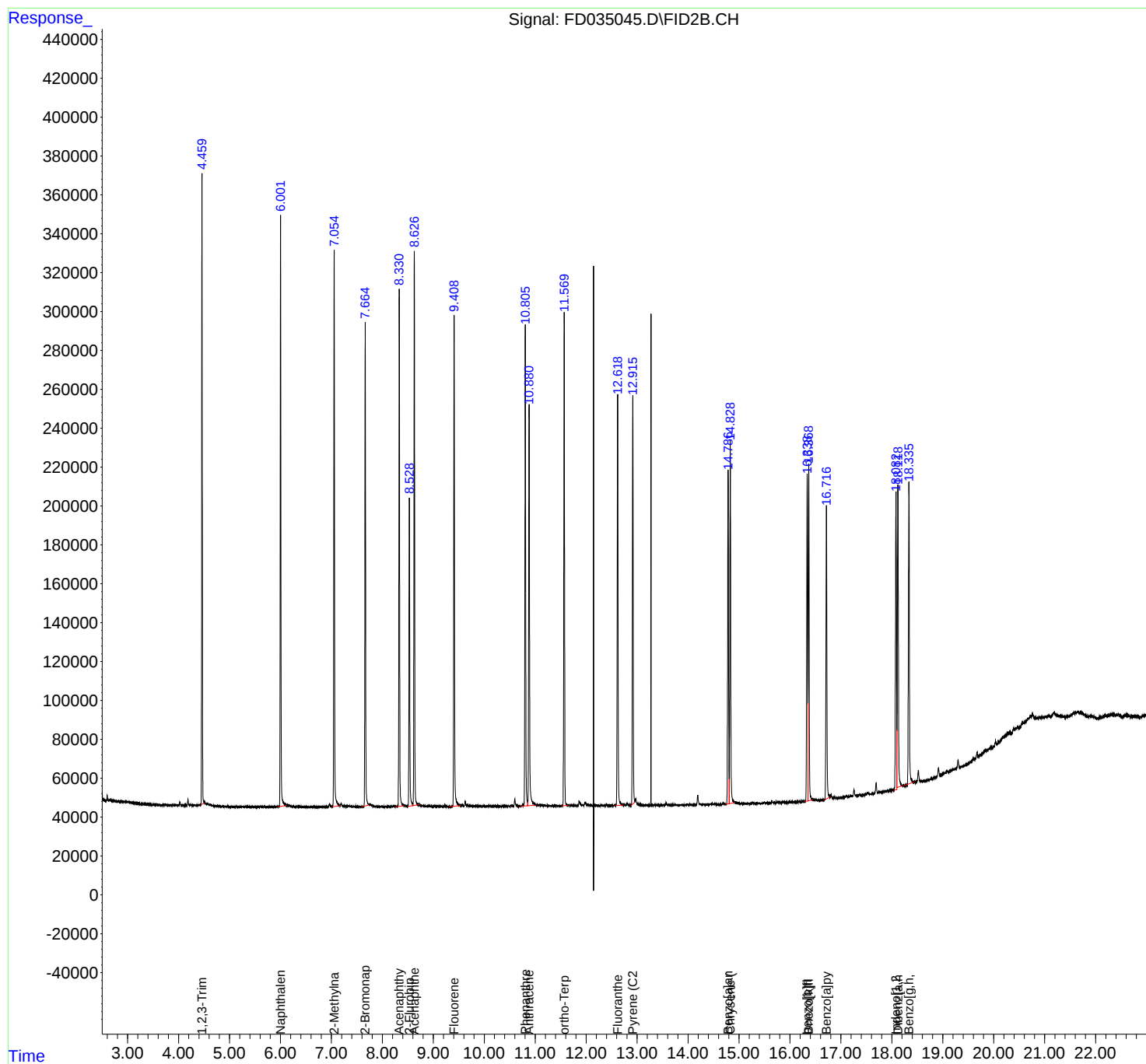
(f)=RT Delta > 1/2 Window

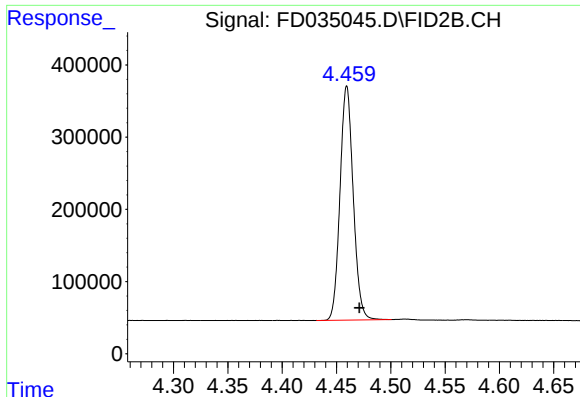
(m)=manual int.

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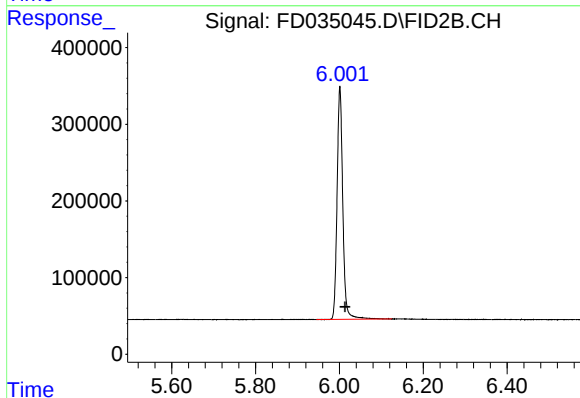
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Signal Info : 20M x 0.18mm x 0.18µm





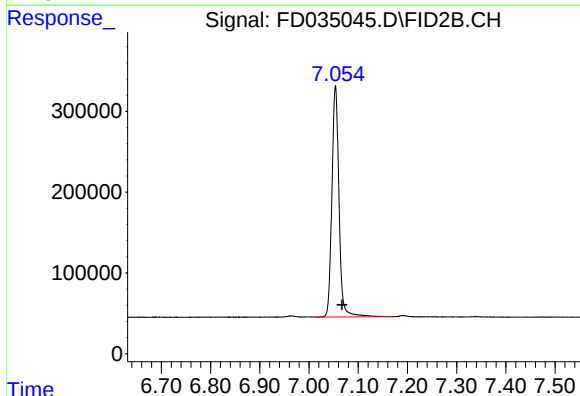
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min
Delta R.T.: -0.011 min
Response: 2743782
Conc: 21.13 ug/ml



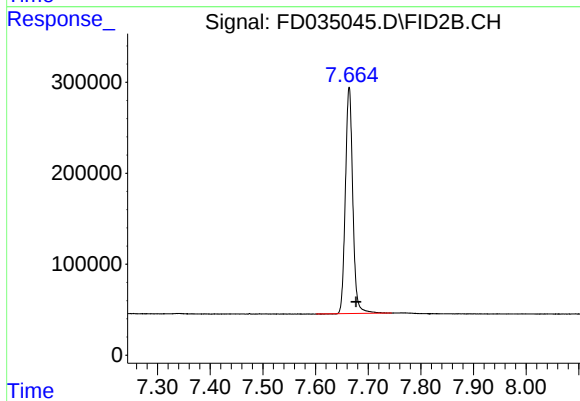
#2 Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.012 min
Response: 2879235
Conc: 21.04 ug/ml



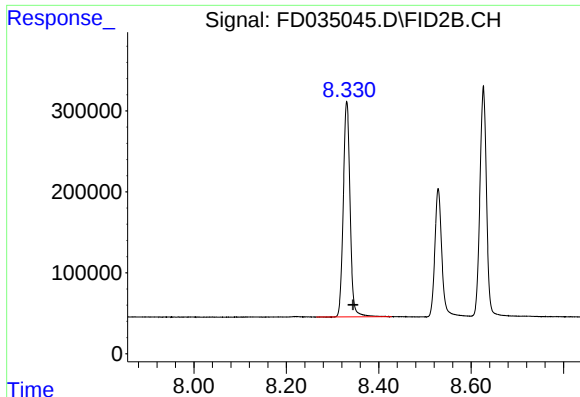
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.013 min
Response: 2877251
Conc: 20.98 ug/ml



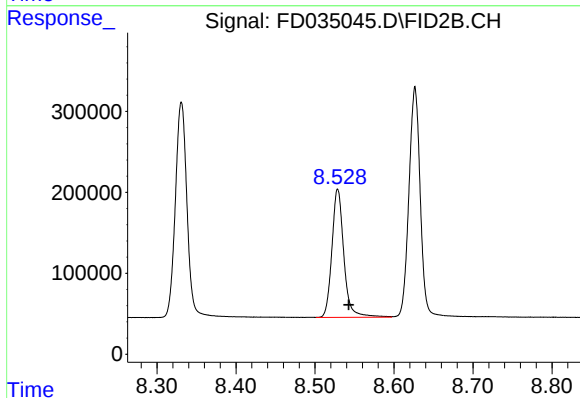
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.013 min
Response: 2431907
Conc: 20.86 ug/ml



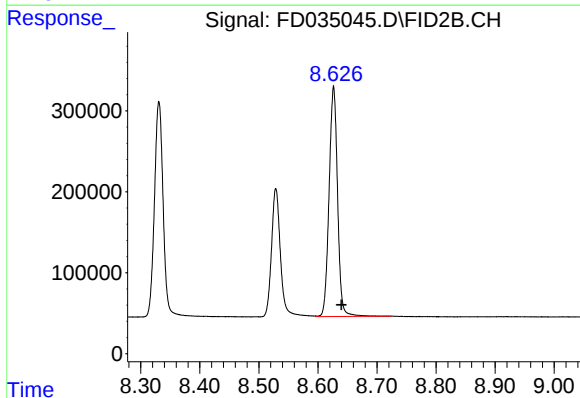
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.014 min
Response: 2722716
Conc: 20.11 ug/ml



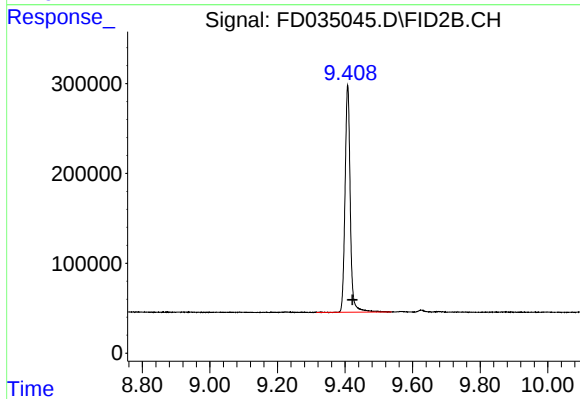
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: -0.014 min
Response: 1662838
Conc: 20.25 ug/ml



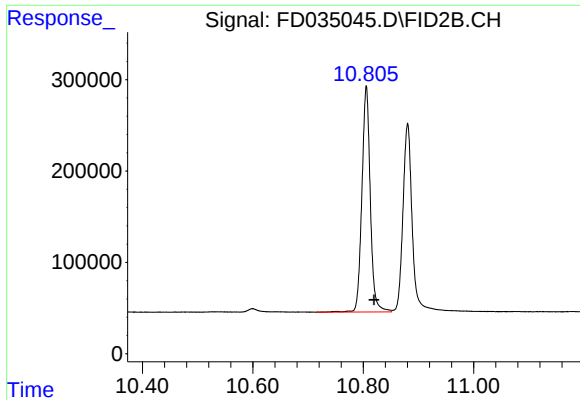
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.013 min
Response: 2826271
Conc: 20.47 ug/ml



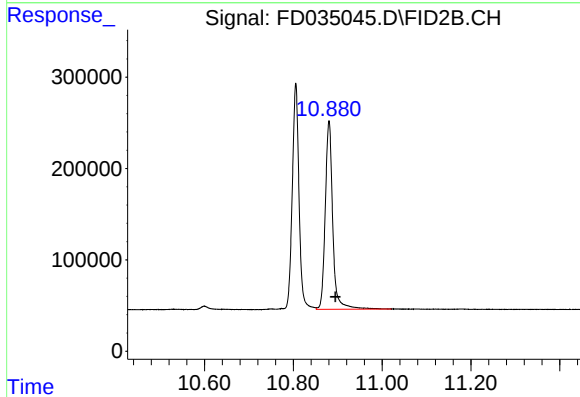
#8 Flouorene (C16.55)

R.T.: 9.408 min
Delta R.T.: -0.014 min
Response: 2695062
Conc: 20.05 ug/ml



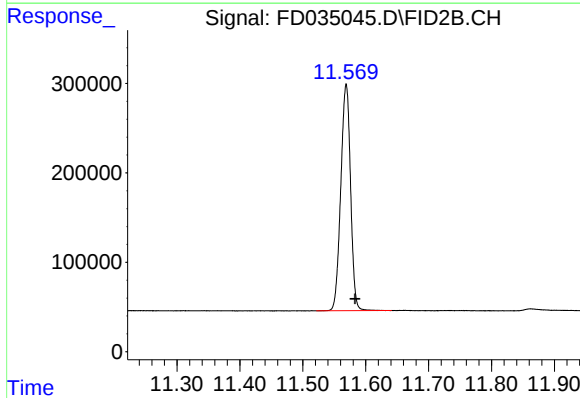
#9 Phenanthrene (C19.36)

R.T.: 10.805 min
Delta R.T.: -0.014 min
Response: 2604499
Conc: 19.50 ug/ml



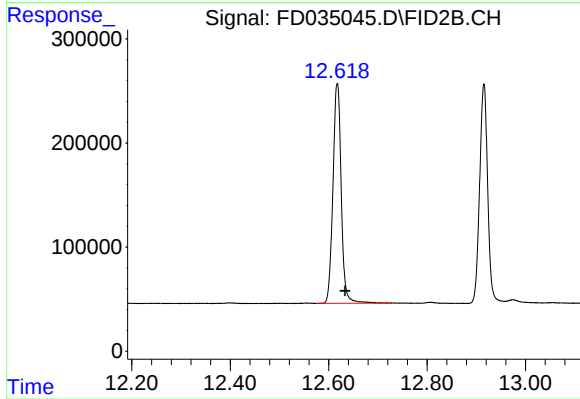
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: -0.014 min
Response: 2406529
Conc: 17.82 ug/ml



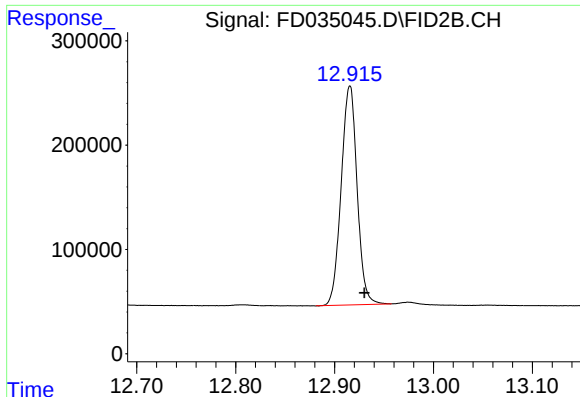
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.014 min
Response: 2732857
Conc: 19.93 ug/ml



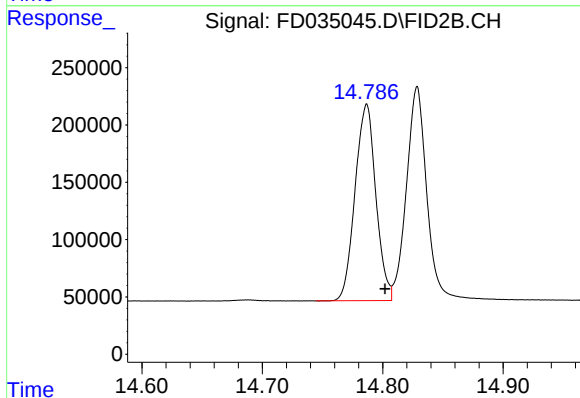
#12 Fluoranthene (C21.85)

R.T.: 12.617 min
Delta R.T.: -0.016 min
Response: 2471547
Conc: 18.78 ug/ml



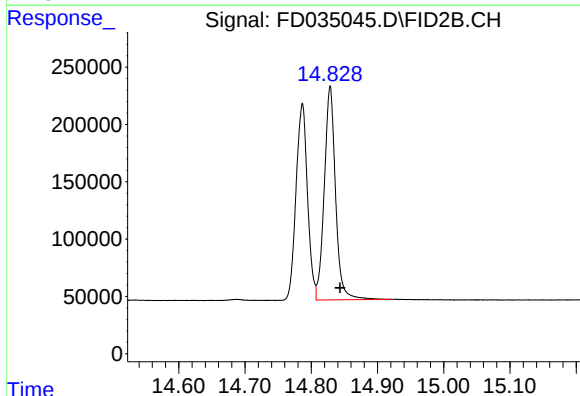
#13 Pyrene (C20.8)

R.T.: 12.915 min
Delta R.T.: -0.015 min
Response: 2352275
Conc: 18.37 ug/ml



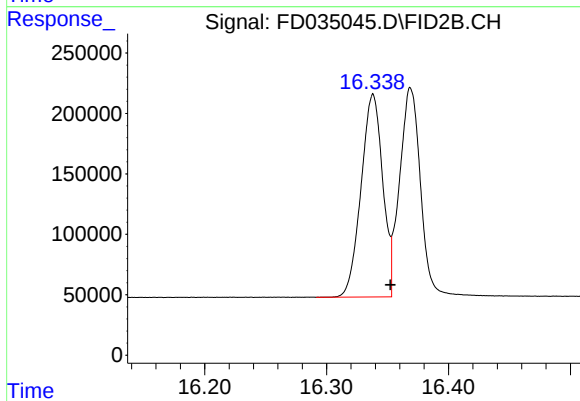
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: -0.016 min
Response: 2055747
Conc: 18.06 ug/ml



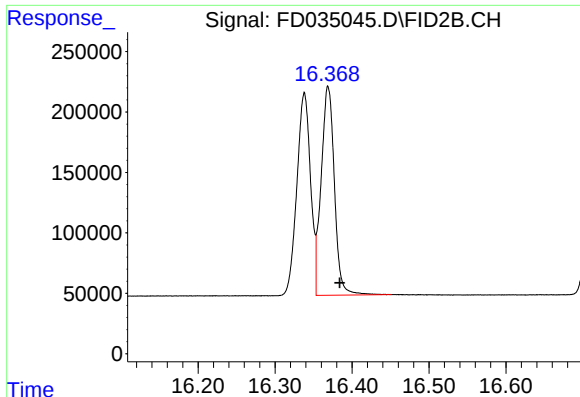
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: -0.015 min
Response: 2202098
Conc: 17.98 ug/ml



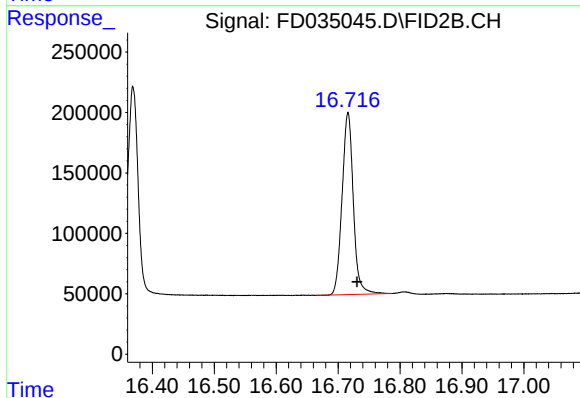
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.338 min
Delta R.T.: -0.014 min
Response: 2066367
Conc: 19.28 ug/ml



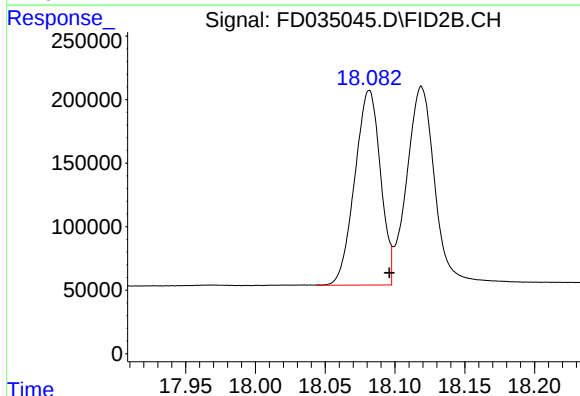
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.369 min
Delta R.T.: -0.015 min
Response: 2067895
Conc: 19.14 ug/ml



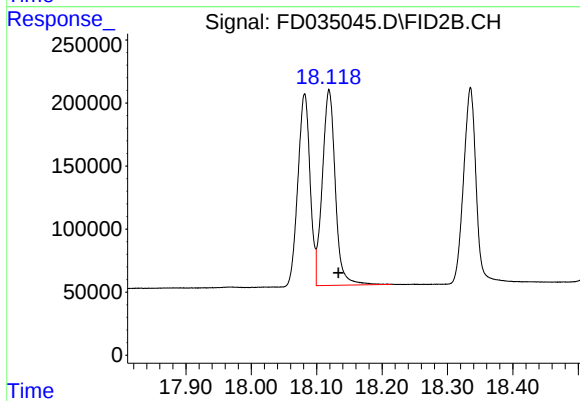
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: -0.015 min
Response: 1897603
Conc: 19.47 ug/ml



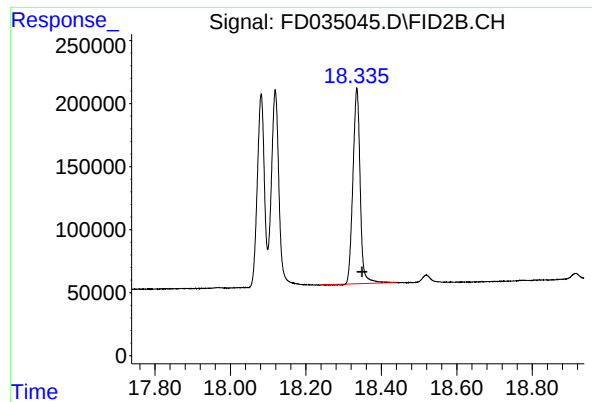
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: -0.014 min
Response: 1964327
Conc: 21.20 ug/ml m



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

R.T.: 18.119 min
Delta R.T.: -0.014 min
Response: 2143124
Conc: 21.22 ug/ml



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

R.T.: 18.335 min
Delta R.T.: -0.014 min
Response: 2052653
Conc: 21.30 ug/ml