

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072820AR\
 Data File : FD034217.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jul 2020 12:07
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 12:41:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.712	2174798	18.107 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
6) S 2-Fluorobiphenyl (SURR)	8.581	1472398	17.372 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.74%
11) S ortho-Terphenyl (SURR)	11.621	2281668	16.864 ug/ml
Spiked Amount 50.000		Recovery =	33.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	2523857	19.109 ug/ml
2) T Naphthalene (C11.7)	6.049	2556322	18.456 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2520470	18.098 ug/ml
5) T Acenaphthylene (C15.06)	8.383	2339222	17.400 ug/ml
7) T Acenaphthene (C15.5)	8.679	2393399	17.486 ug/ml
8) T Fluorene (C16.55)	9.461	2301991	17.121 ug/ml
9) T Phenanthrene (C19.36)	10.860	2240950	16.768 ug/ml
10) T Anthracene (C19.43)	10.935	2022277	15.240 ug/ml
12) T Fluoranthene (C21.85)	12.675	2178012	16.393 ug/ml
13) T Pyrene (C20.8)	12.973	2125771	16.398 ug/ml
14) T Benzo[a]anthracene (C...	14.845	2090531	16.793 ug/ml
15) T Chrysene (C27.41)	14.886	2113127	17.016 ug/mlm
16) T benzo[b]fluoranthene ...	16.397	2132155	17.921 ug/ml
17) T Bnezo[k]fluoranthene ...	16.428	2022834	17.457 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.777	2113247	18.160 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.142	2130912	19.139 ug/ml
20) T Dibenz[a,h]anthracene...	18.178	2064364	18.684 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.397	2127833	19.268 ug/mlm

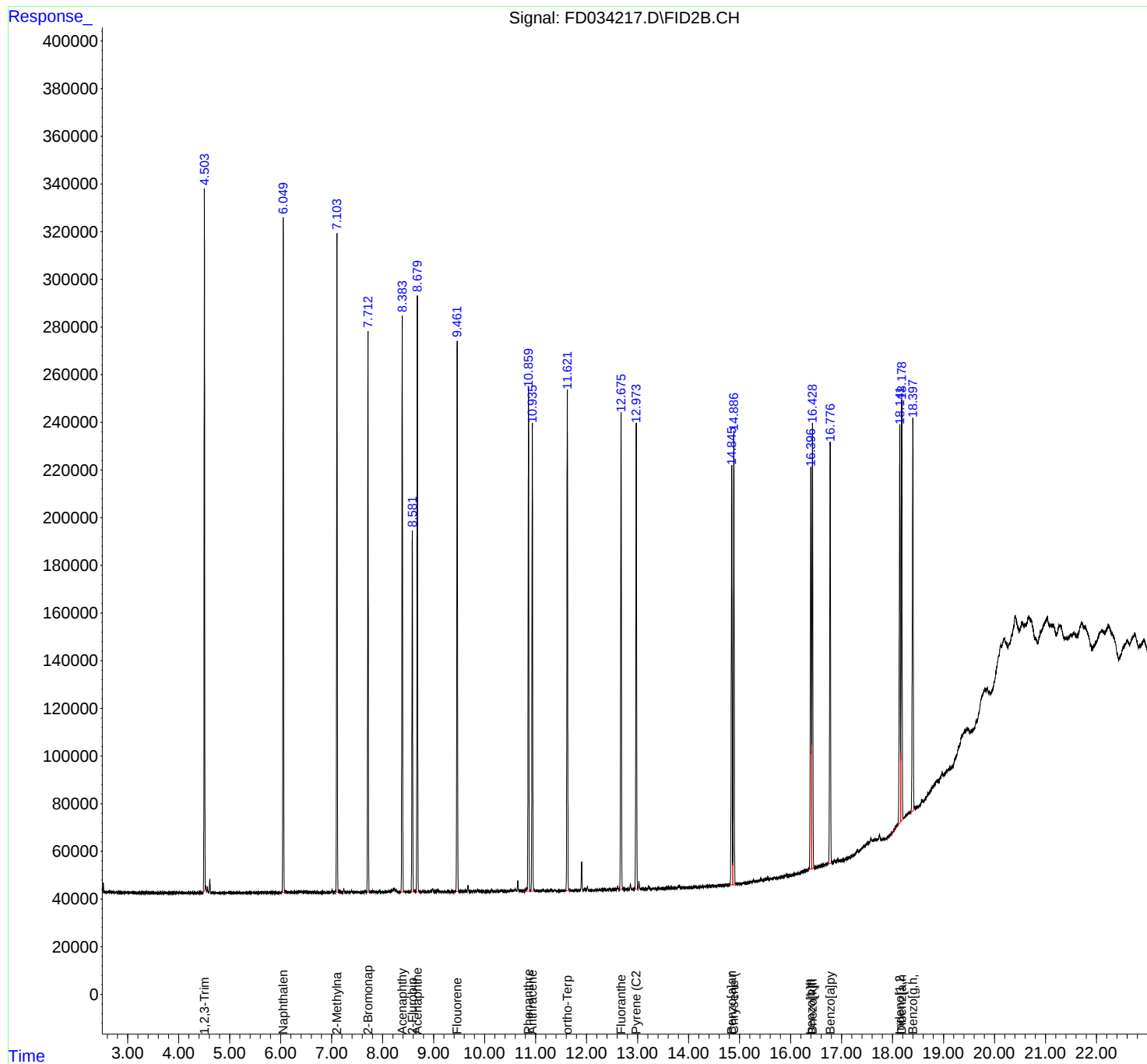
(f)=RT Delta > 1/2 Window

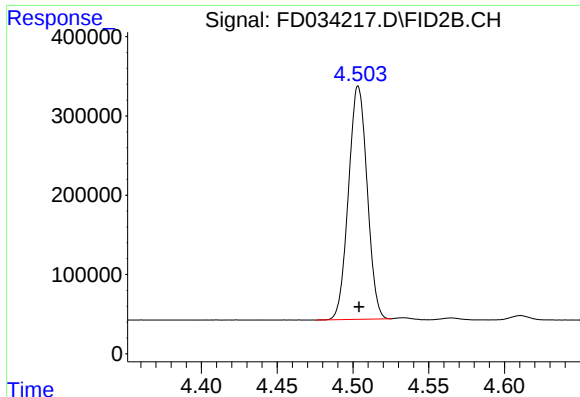
(m)=manual int.

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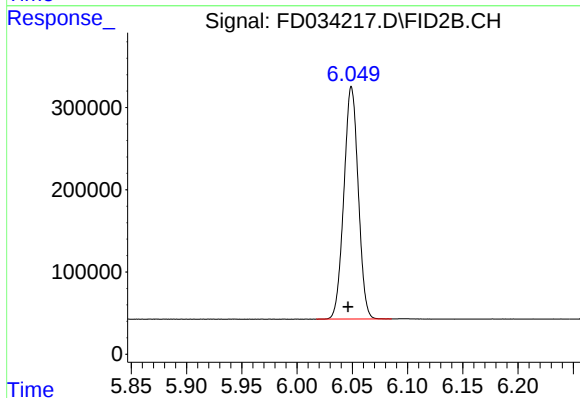
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Signal Info : 20M x 0.18mm x 0.18µm





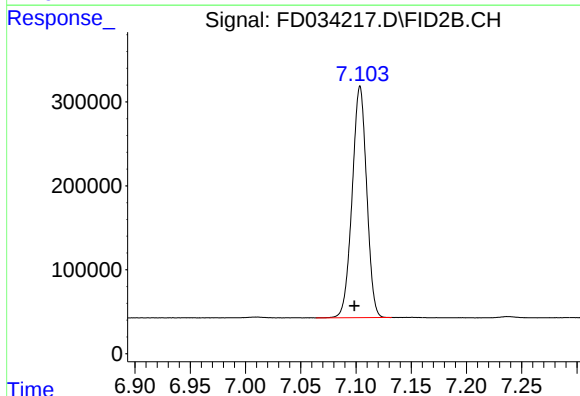
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 2523857
Conc: 19.11 ug/ml



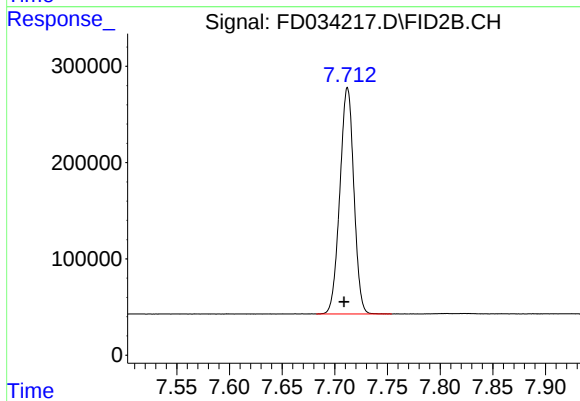
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: 0.003 min
Response: 2556322
Conc: 18.46 ug/ml



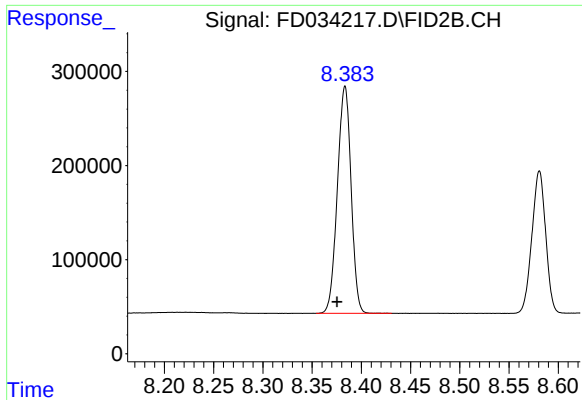
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.005 min
Response: 2520470
Conc: 18.10 ug/ml



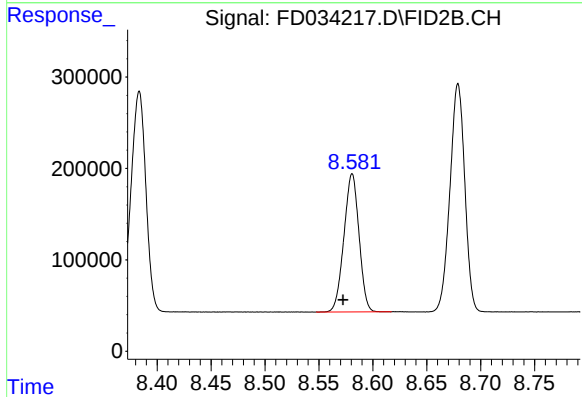
#4 2-Bromonaphthalene (SURR)

R.T.: 7.712 min
Delta R.T.: 0.003 min
Response: 2174798
Conc: 18.11 ug/ml



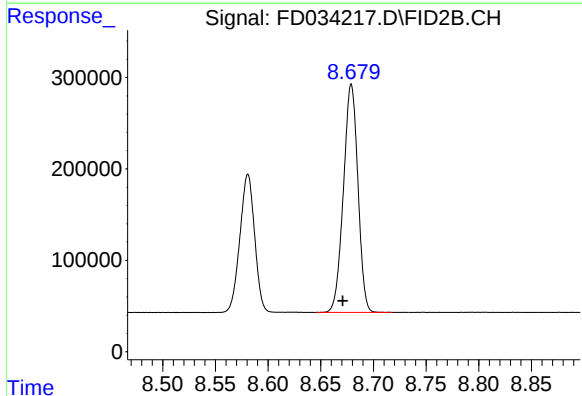
#5 Acenaphthylene (C15.06)

R.T.: 8.383 min
Delta R.T.: 0.008 min
Response: 2339222
Conc: 17.40 ug/ml



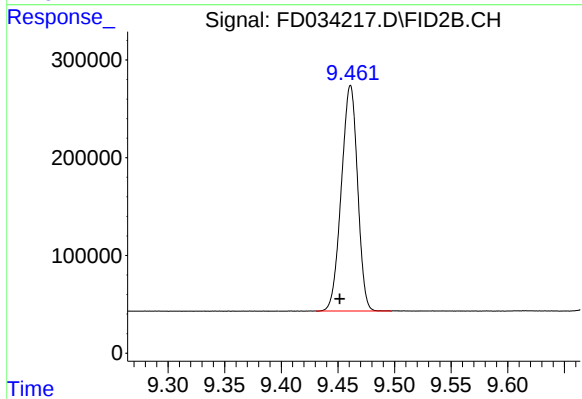
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.581 min
Delta R.T.: 0.008 min
Response: 1472398
Conc: 17.37 ug/ml



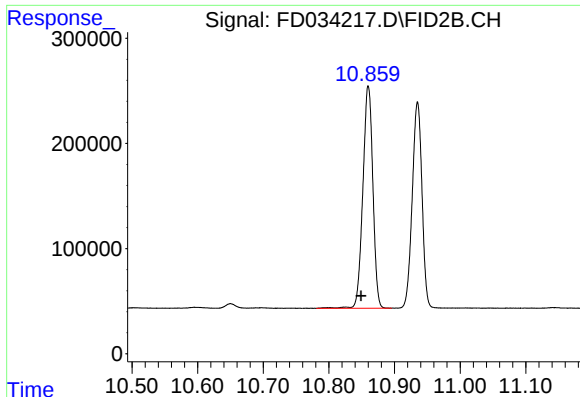
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.008 min
Response: 2393399
Conc: 17.49 ug/ml



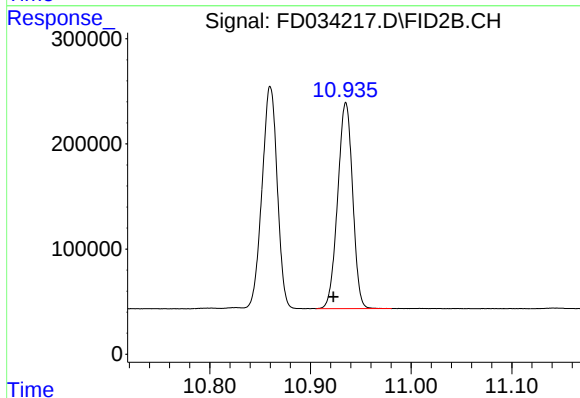
#8 Fluorene (C16.55)

R.T.: 9.461 min
Delta R.T.: 0.010 min
Response: 2301991
Conc: 17.12 ug/ml



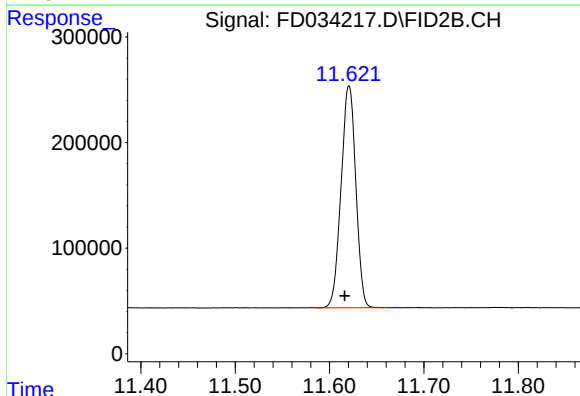
#9 Phenanthrene (C19.36)

R.T.: 10.860 min
Delta R.T.: 0.011 min
Response: 2240950
Conc: 16.77 ug/ml



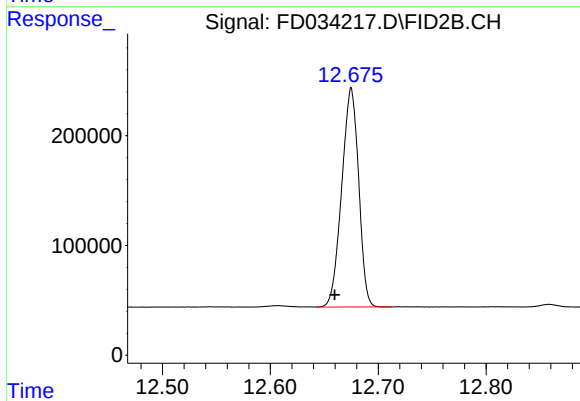
#10 Anthracene (C19.43)

R.T.: 10.935 min
Delta R.T.: 0.012 min
Response: 2022277
Conc: 15.24 ug/ml



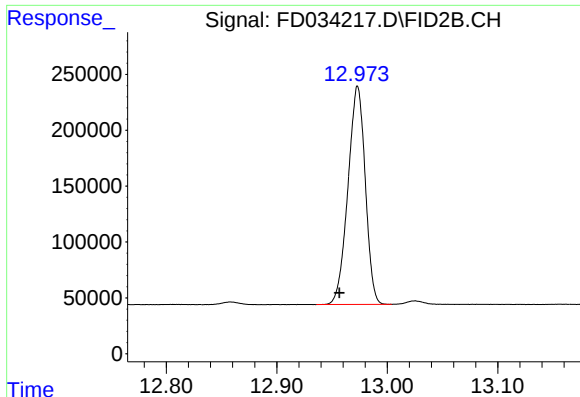
#11 ortho-Terphenyl (SURR)

R.T.: 11.621 min
Delta R.T.: 0.005 min
Response: 2281668
Conc: 16.86 ug/ml



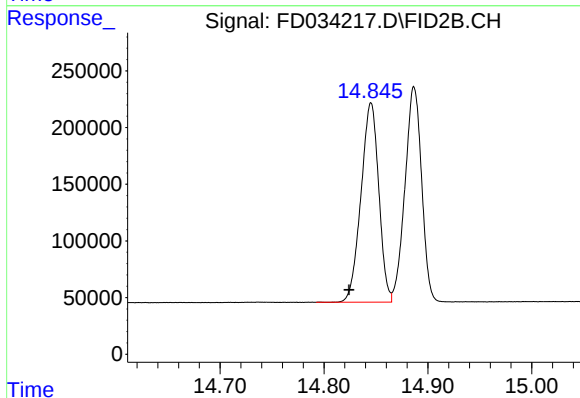
#12 Fluoranthene (C21.85)

R.T.: 12.675 min
Delta R.T.: 0.015 min
Response: 2178012
Conc: 16.39 ug/ml



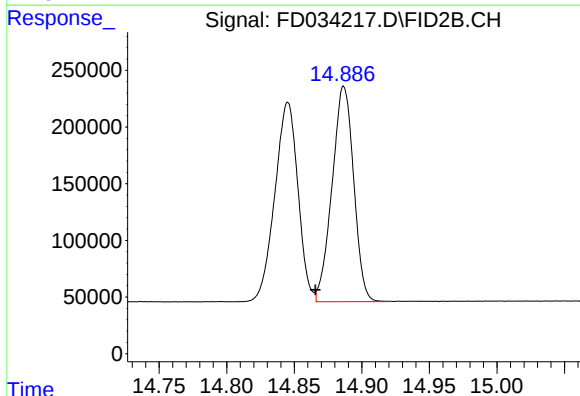
#13 Pyrene (C20.8)

R.T.: 12.973 min
Delta R.T.: 0.017 min
Response: 2125771
Conc: 16.40 ug/ml



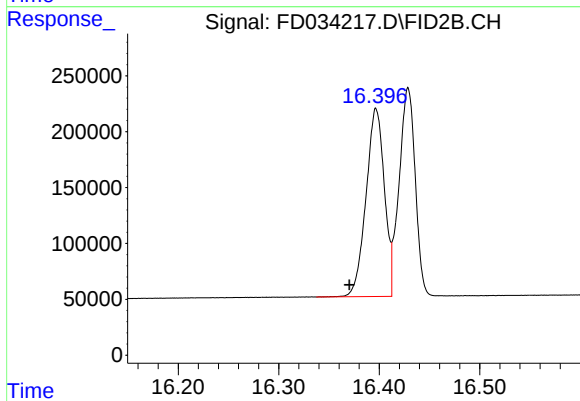
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.845 min
Delta R.T.: 0.021 min
Response: 2090531
Conc: 16.79 ug/ml



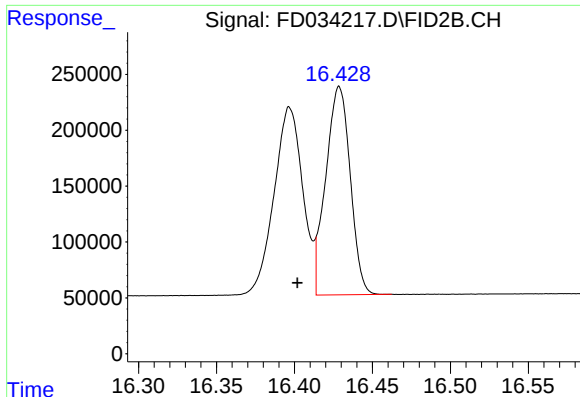
#15 Chrysene (C27.41)

R.T.: 14.886 min
Delta R.T.: 0.020 min
Response: 2113127
Conc: 17.02 ug/ml m



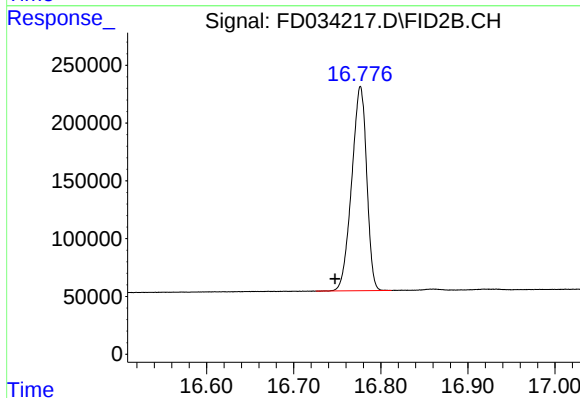
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min
Delta R.T.: 0.027 min
Response: 2132155
Conc: 17.92 ug/ml



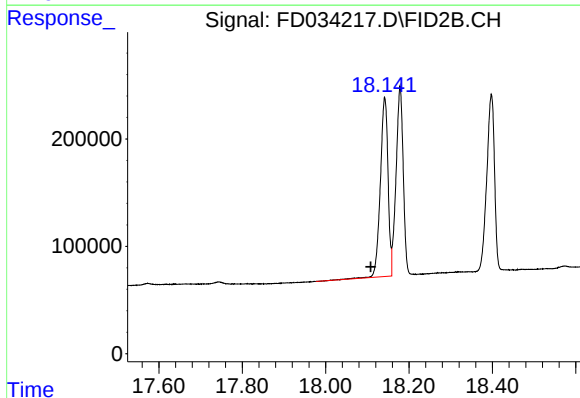
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.428 min
Delta R.T.: 0.026 min
Response: 2022834
Conc: 17.46 ug/ml m



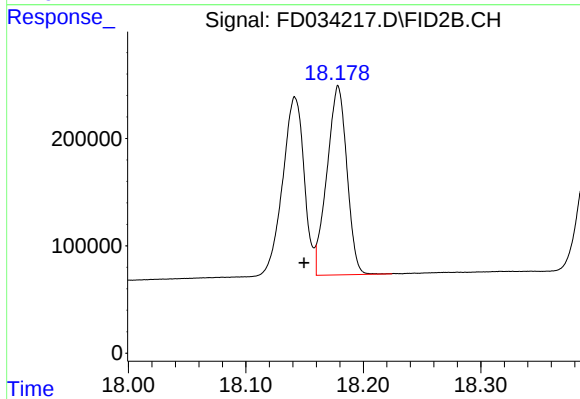
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.777 min
Delta R.T.: 0.029 min
Response: 2113247
Conc: 18.16 ug/ml



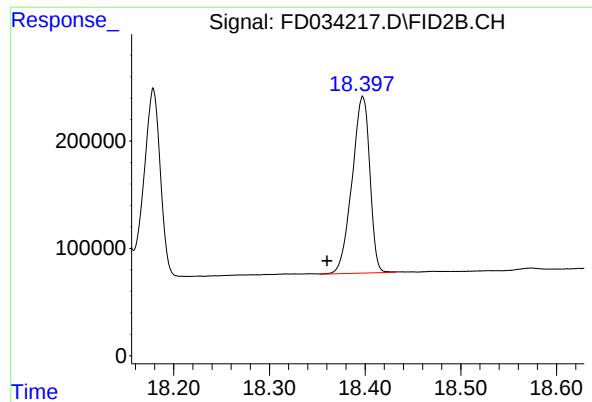
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.142 min
Delta R.T.: 0.034 min
Response: 2130912
Conc: 19.14 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.029 min
Response: 2064364
Conc: 18.68 ug/ml m



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

R.T.: 18.397 min
Delta R.T.: 0.037 min
Response: 2127833
Conc: 19.27 ug/ml m