

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034280.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 4:58
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 05:29:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 05:27:18 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...	7.703	2378949	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.568	1683207	20.293 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.59%
11) S ortho-Terphenyl (SURR)	11.610	2757860	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2576446	20.206 ug/ml
2) T Naphthalene (C11.7)	6.040	2718330	20.326 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	2745632	20.344 ug/ml
5) T Acenaphthylene (C15.06)	8.372	2677075	20.218 ug/ml
7) T Acenaphthene (C15.5)	8.668	2733315	20.322 ug/ml
8) T Fluorene (C16.55)	9.449	2696599	20.252 ug/ml
9) T Phenanthrene (C19.36)	10.846	2719890	20.245 ug/ml
10) T Anthracene (C19.43)	10.921	2695245	20.257 ug/ml
12) T Fluoranthene (C21.85)	12.659	2753911	20.257 ug/ml
13) T Pyrene (C20.8)	12.957	2692112	20.213 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2646948	20.152 ug/ml
15) T Chrysene (C27.41)	14.870	2641772	20.144 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2555691	19.926 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	2493562	20.079 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	2501188	19.963 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.118	2348850	19.484 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	2352576	19.784 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2342193	19.729 ug/ml

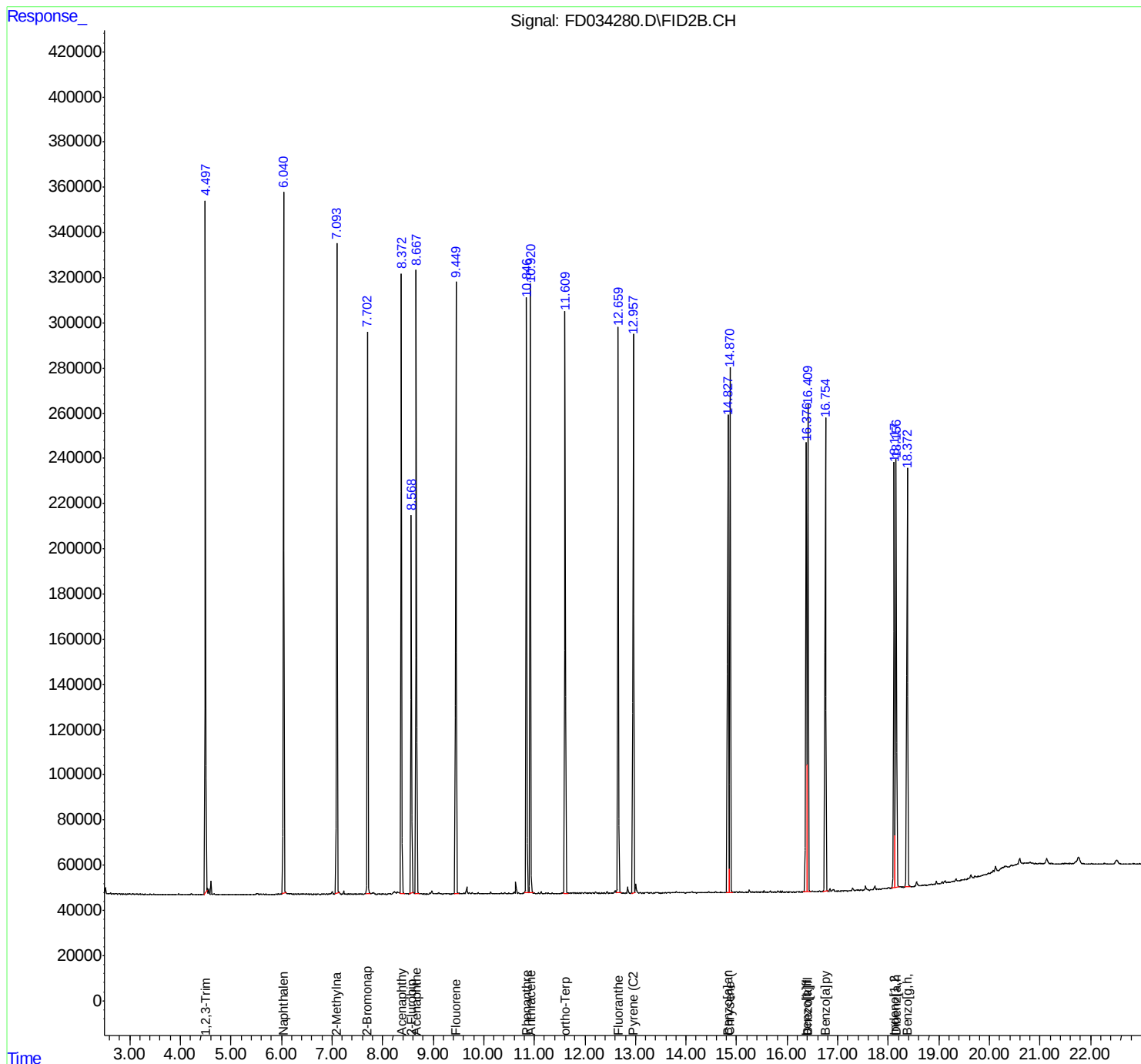
(f)=RT Delta > 1/2 Window

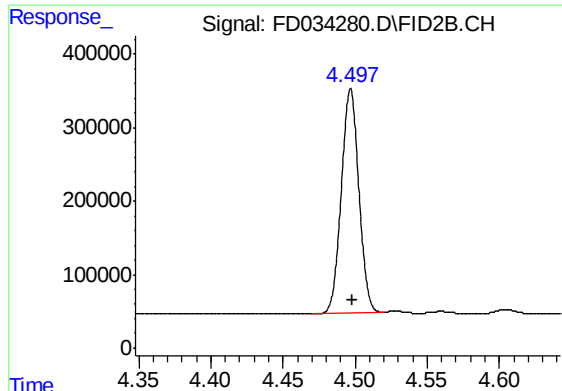
(m)=manual int.

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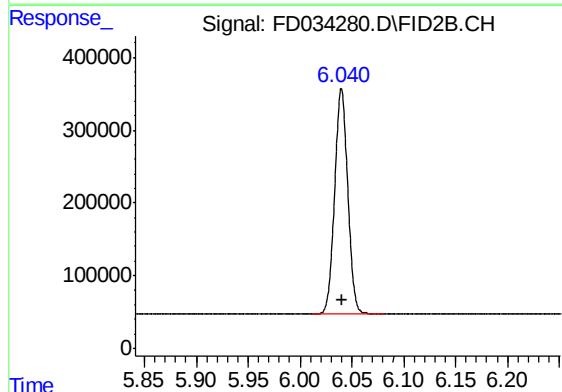
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





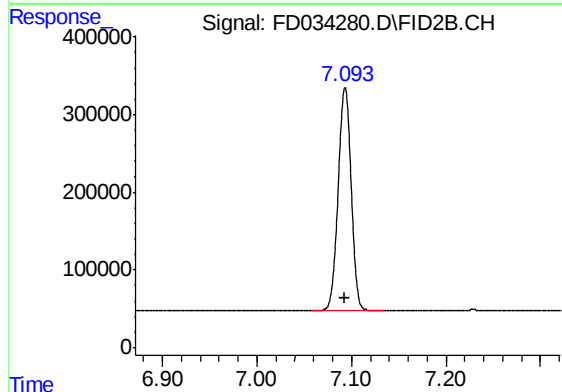
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 2576446
Conc: 20.21 ug/ml



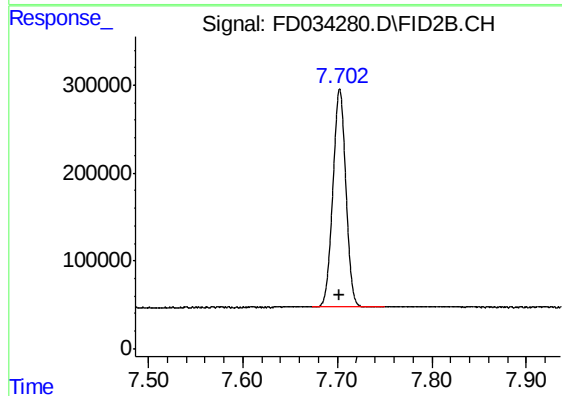
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 2718330
Conc: 20.33 ug/ml



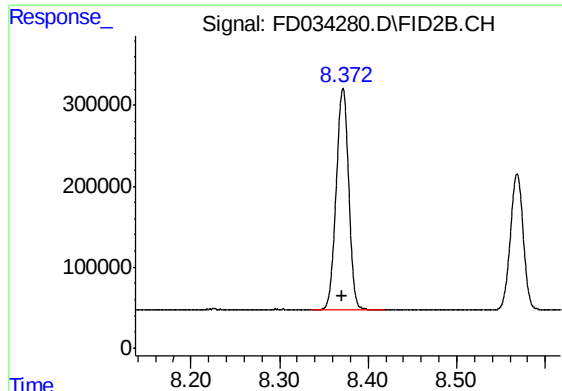
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 2745632
Conc: 20.34 ug/ml



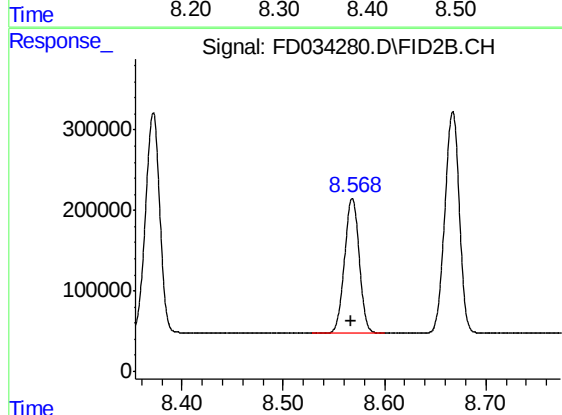
#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 2378949
Conc: 20.33 ug/ml



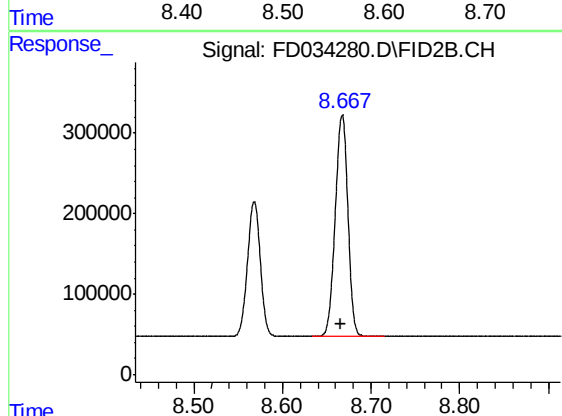
#5 Acenaphthylene (C15.06)

R.T.: 8.372 min
Delta R.T.: 0.001 min
Response: 2677075
Conc: 20.22 ug/ml



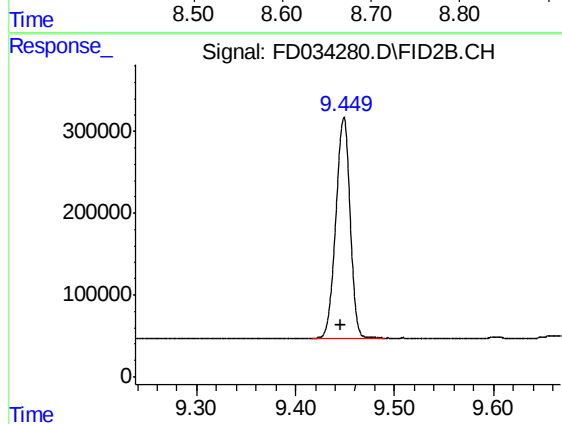
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 1683207
Conc: 20.29 ug/ml



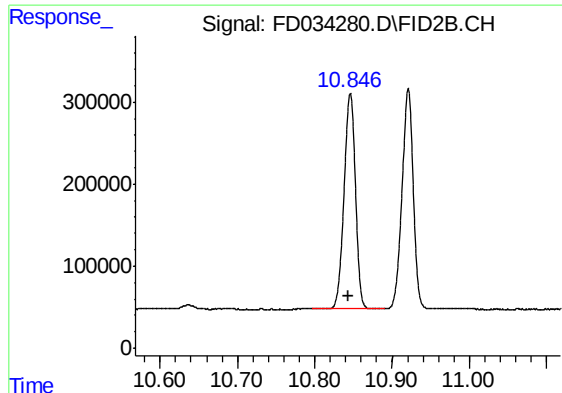
#7 Acenaphthene (C15.5)

R.T.: 8.668 min
Delta R.T.: 0.002 min
Response: 2733315
Conc: 20.32 ug/ml



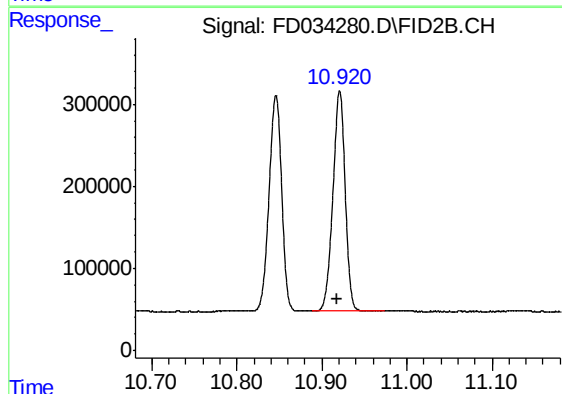
#8 Flouorene (C16.55)

R.T.: 9.449 min
Delta R.T.: 0.003 min
Response: 2696599
Conc: 20.25 ug/ml



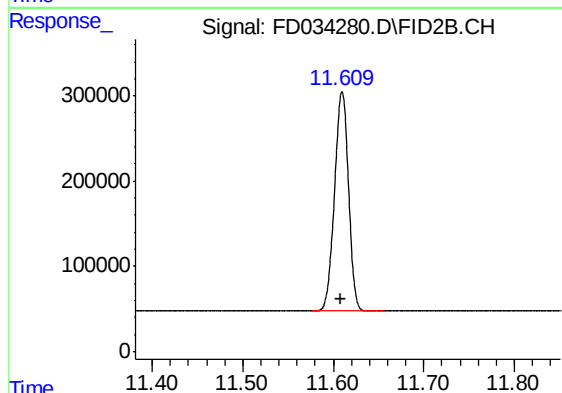
#9 Phenanthrene (C19.36)

R.T.: 10.846 min
Delta R.T.: 0.002 min
Response: 2719890
Conc: 20.24 ug/ml



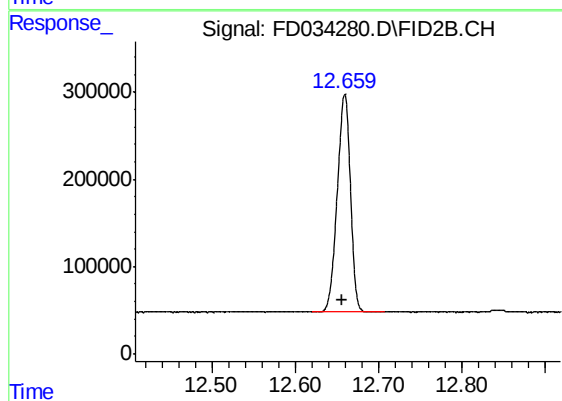
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: 0.002 min
Response: 2695245
Conc: 20.26 ug/ml



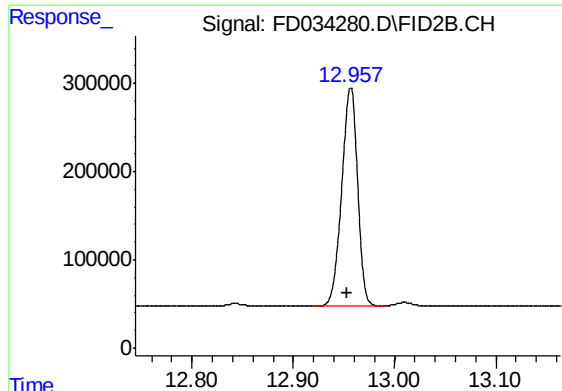
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.002 min
Response: 2757860
Conc: 20.29 ug/ml



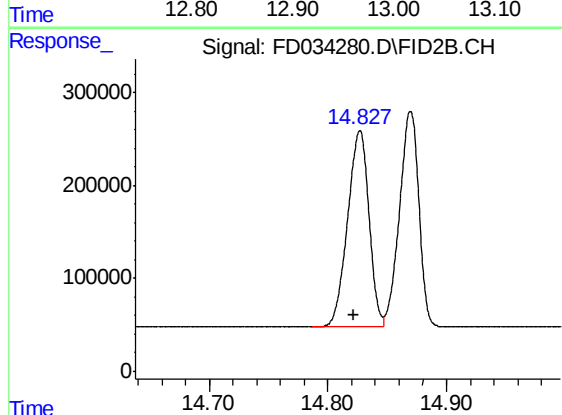
#12 Fluoranthene (C21.85)

R.T.: 12.659 min
Delta R.T.: 0.004 min
Response: 2753911
Conc: 20.26 ug/ml



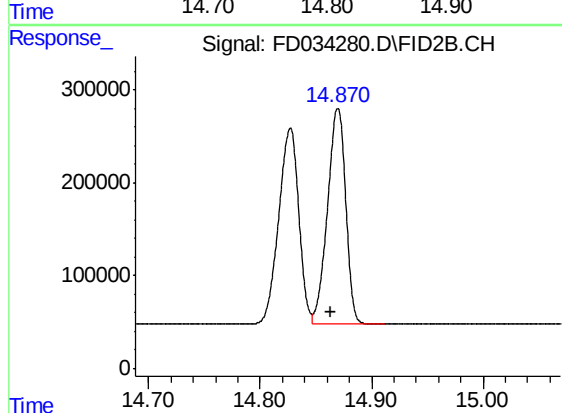
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: 0.004 min
Response: 2692112
Conc: 20.21 ug/ml



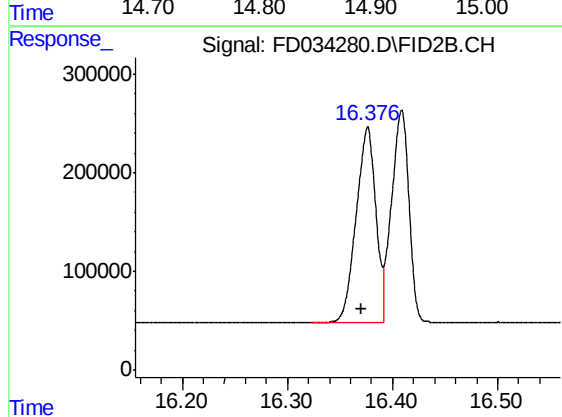
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.006 min
Response: 2646948
Conc: 20.15 ug/ml



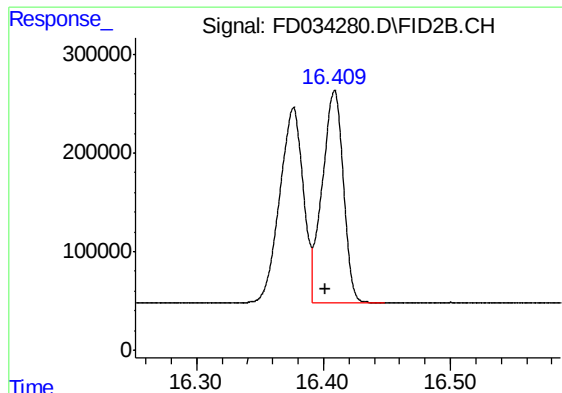
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.006 min
Response: 2641772
Conc: 20.14 ug/ml



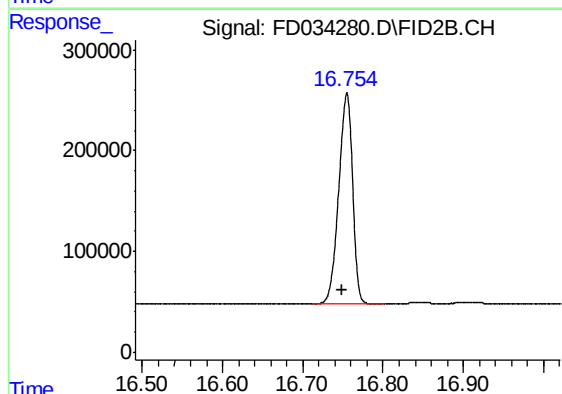
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: 0.006 min
Response: 2555691
Conc: 19.93 ug/ml



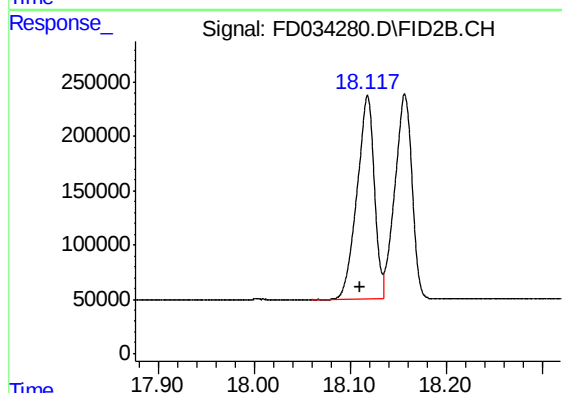
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.409 min
Delta R.T.: 0.007 min
Response: 2493562
Conc: 20.08 ug/ml



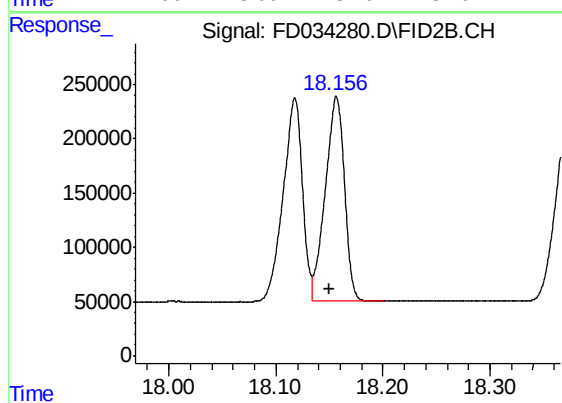
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.006 min
Response: 2501188
Conc: 19.96 ug/ml



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

R.T.: 18.118 min
Delta R.T.: 0.008 min
Response: 2348850
Conc: 19.48 ug/ml



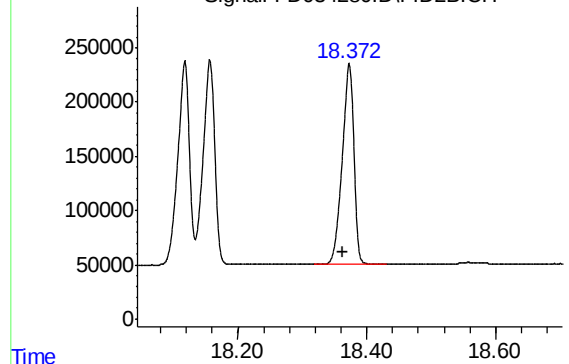
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.157 min
Delta R.T.: 0.007 min
Response: 2352576
Conc: 19.78 ug/ml

Response_

Signal: FD034280.D\FID2B.CH

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



R.T.: 18.373 min
Delta R.T.: 0.010 min
Response: 2342193
Conc: 19.73 ug/ml