

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051519AR\
 Data File : FD029159.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2019 17:15
 Operator : EI\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 15 17:47:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 2019
 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...	7.750	1562440	19.740 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
6) S 2-Fluorobiphenyl (SURR)	8.616	1073562	19.880 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.76%
11) S ortho-Terphenyl (SURR)	11.653	1664872	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	1766227	19.839 ug/ml
2) T Naphthalene (C11.7)	6.088	1843829	19.726 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	1775161	19.703 ug/ml
5) T Acenaphthylene (C15.06)	8.419	1706819	19.850 ug/ml
7) T Acenaphthene (C15.5)	8.715	1776790	19.883 ug/ml
8) T Fluorene (C16.55)	9.494	1756707	20.067 ug/ml
9) T Phenanthrene (C19.36)	10.892	1817339	20.290 ug/ml
10) T Anthracene (C19.43)	10.966	1803506	20.268 ug/ml
12) T Fluoranthene (C21.85)	12.702	1947940	20.293 ug/ml
13) T Pyrene (C20.8)	13.000	1985536	20.181 ug/ml
14) T Benzo[a]anthracene (C...	14.866	1979473	20.057 ug/ml
15) T Chrysene (C27.41)	14.908	2009704	20.071 ug/ml
16) T benzo[b]fluoranthene ...	16.413	2079950	20.177 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2044785	20.177 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	2022550	19.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.151	1920978	19.769 ug/ml
20) T Dibenz[a,h]anthracene...	18.189	1770210	19.680 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	2037353	20.145 ug/ml

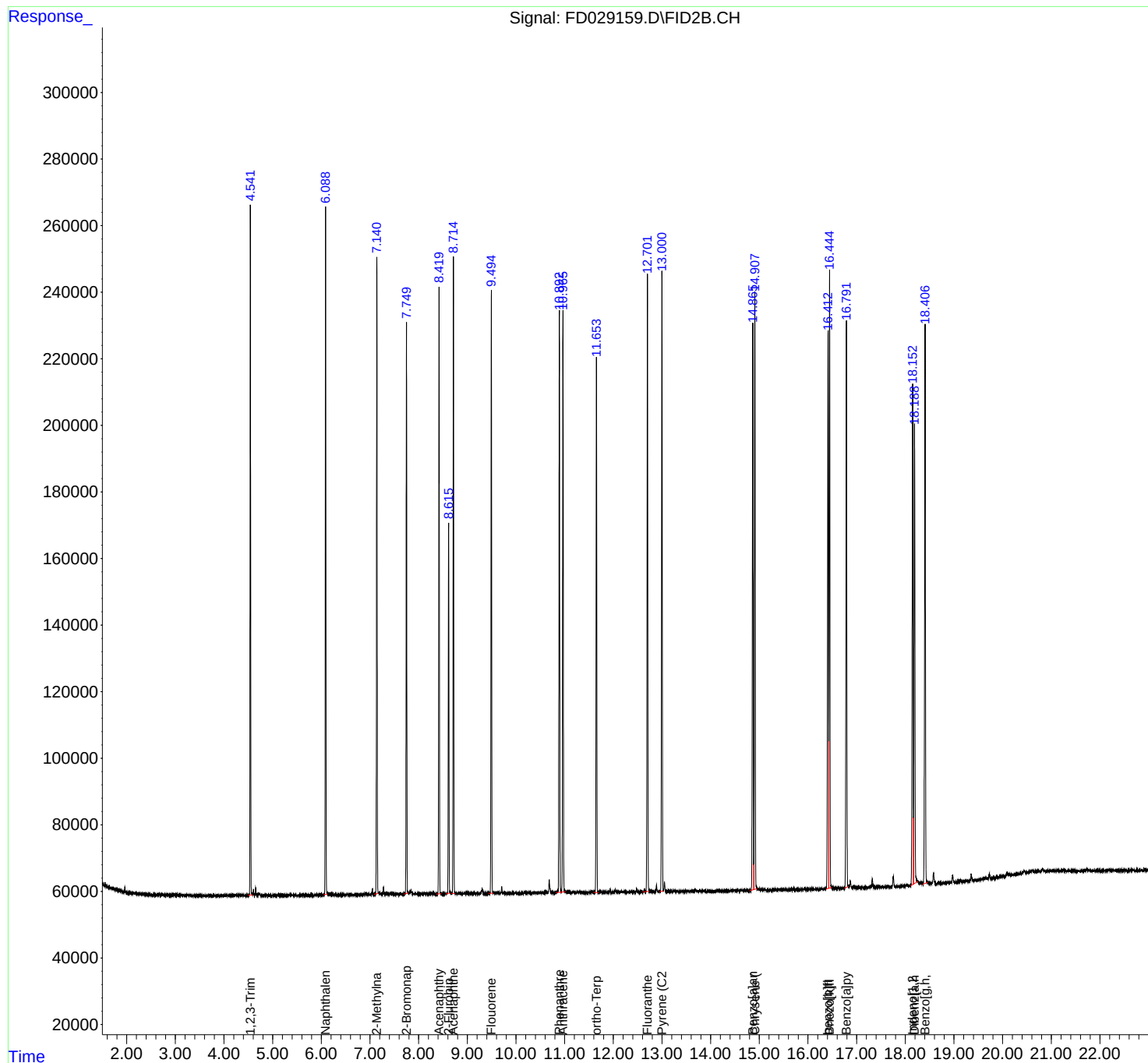
(f)=RT Delta > 1/2 Window

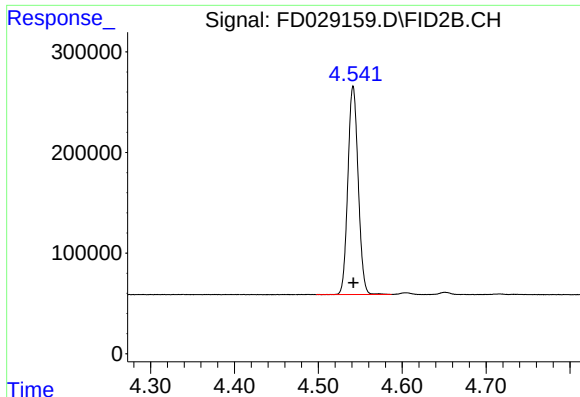
(m)=manual int.

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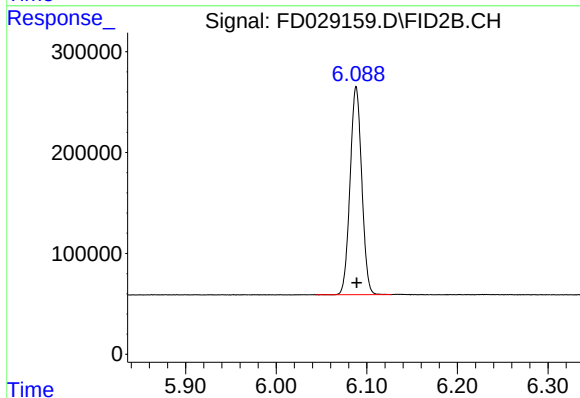
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Signal Info : 20M x 0.18mm x 0.18µm





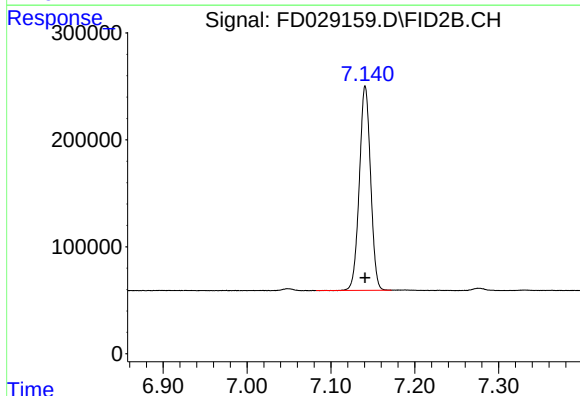
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 1766227
Conc: 19.84 ug/ml



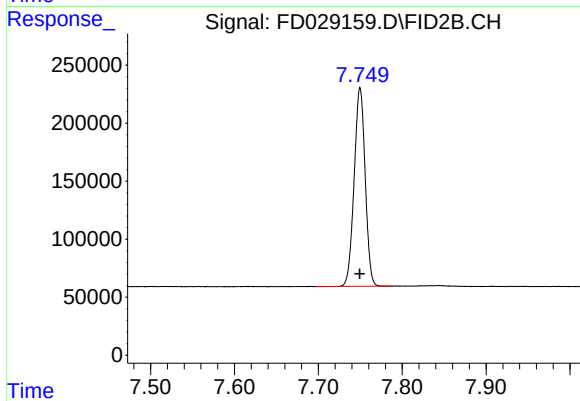
#2 Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 1843829
Conc: 19.73 ug/ml



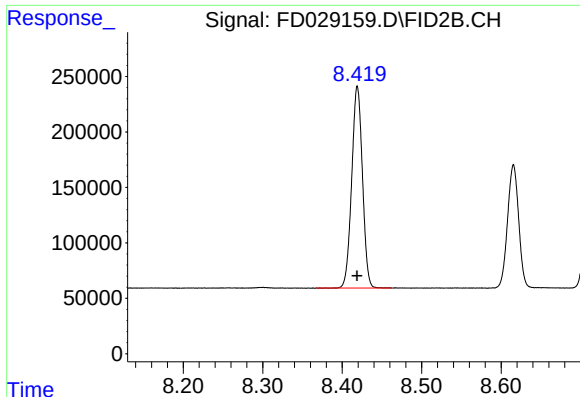
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 1775161
Conc: 19.70 ug/ml



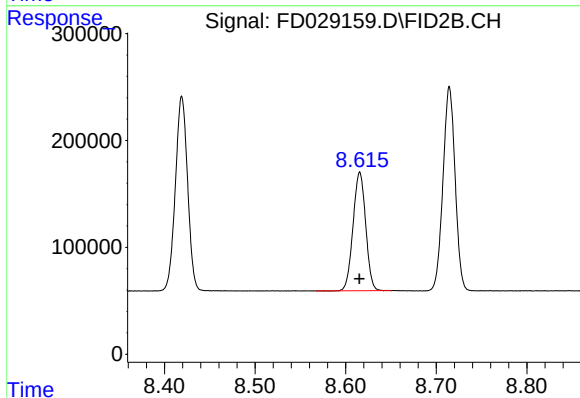
#4 2-Bromonaphthalene (SURR)

R.T.: 7.750 min
Delta R.T.: 0.000 min
Response: 1562440
Conc: 19.74 ug/ml



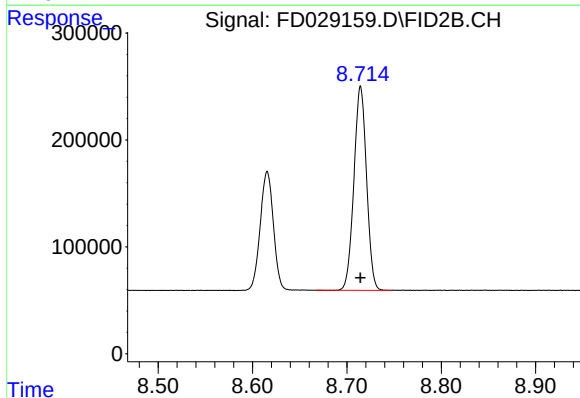
#5 Acenaphthylene (C15.06)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 1706819
Conc: 19.85 ug/ml



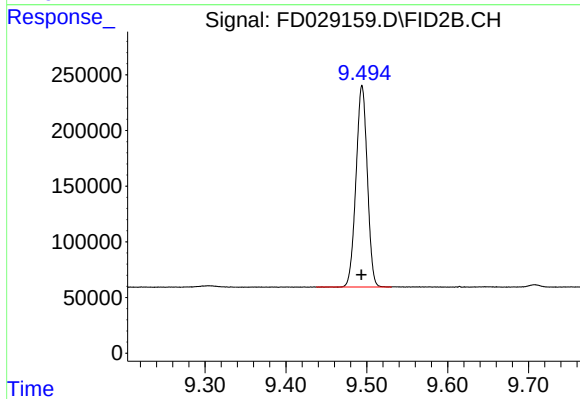
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 1073562
Conc: 19.88 ug/ml



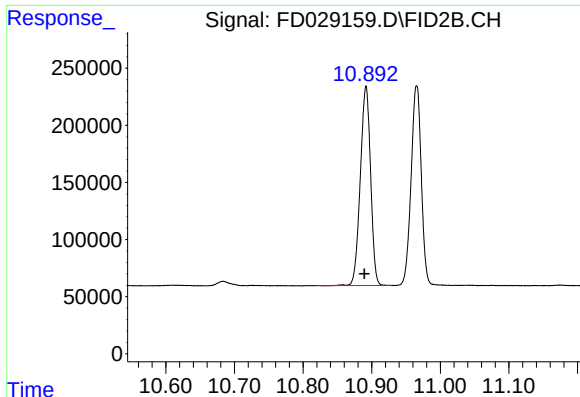
#7 Acenaphthene (C15.5)

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 1776790
Conc: 19.88 ug/ml



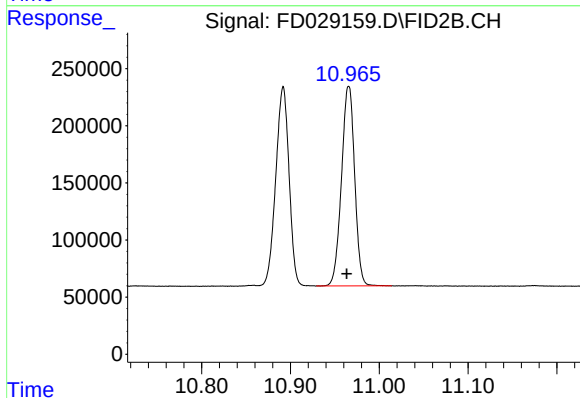
#8 Fluorene (C16.55)

R.T.: 9.494 min
Delta R.T.: 0.000 min
Response: 1756707
Conc: 20.07 ug/ml



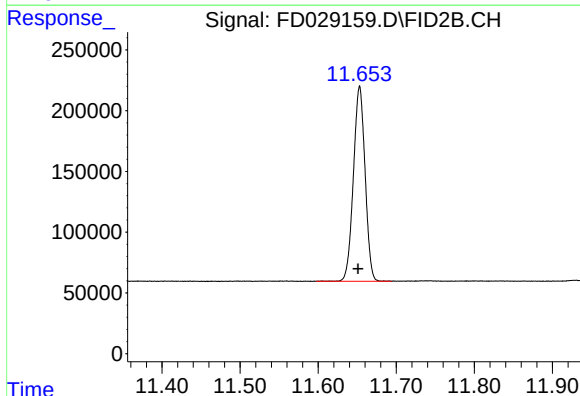
#9 Phenanthrene (C19.36)

R.T.: 10.892 min
Delta R.T.: 0.002 min
Response: 1817339
Conc: 20.29 ug/ml



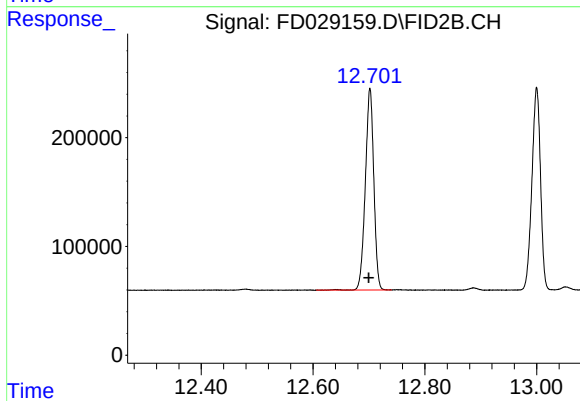
#10 Anthracene (C19.43)

R.T.: 10.966 min
Delta R.T.: 0.002 min
Response: 1803506
Conc: 20.27 ug/ml



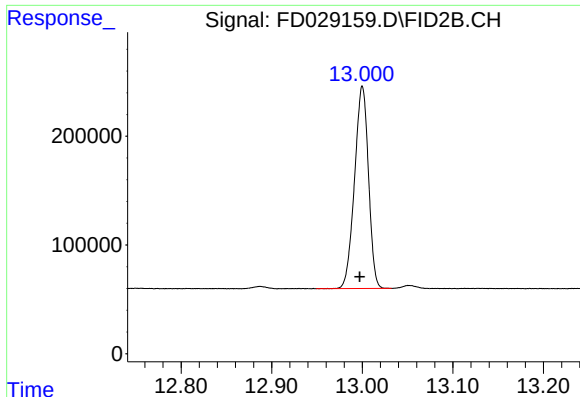
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 1664872
Conc: 20.19 ug/ml



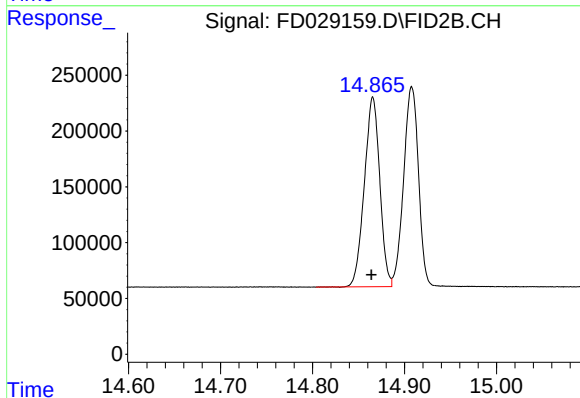
#12 Fluoranthene (C21.85)

R.T.: 12.702 min
Delta R.T.: 0.003 min
Response: 1947940
Conc: 20.29 ug/ml



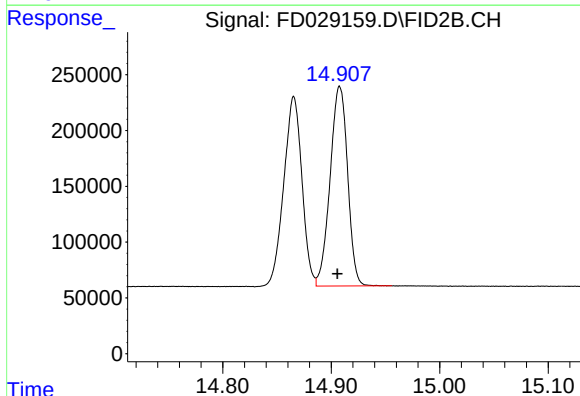
#13 Pyrene (C20.8)

R.T.: 13.000 min
Delta R.T.: 0.003 min
Response: 1985536
Conc: 20.18 ug/ml



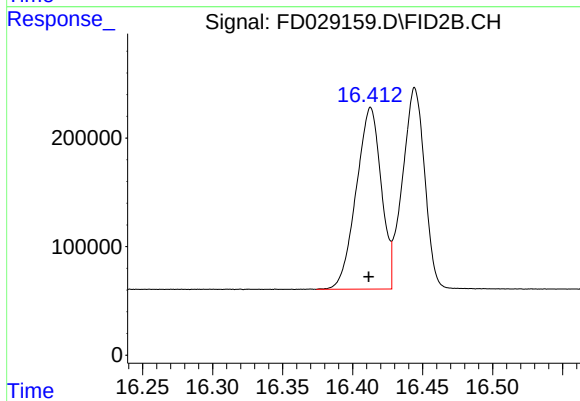
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.002 min
Response: 1979473
Conc: 20.06 ug/ml



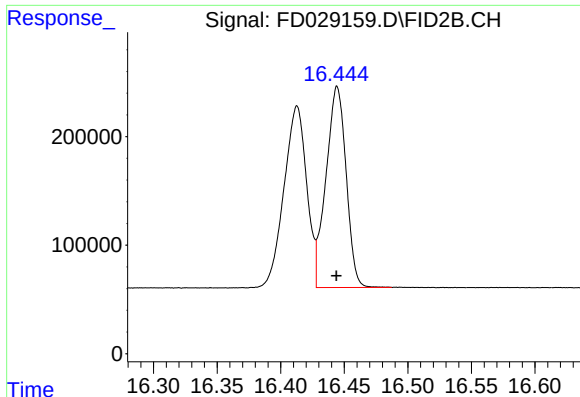
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.002 min
Response: 2009704
Conc: 20.07 ug/ml



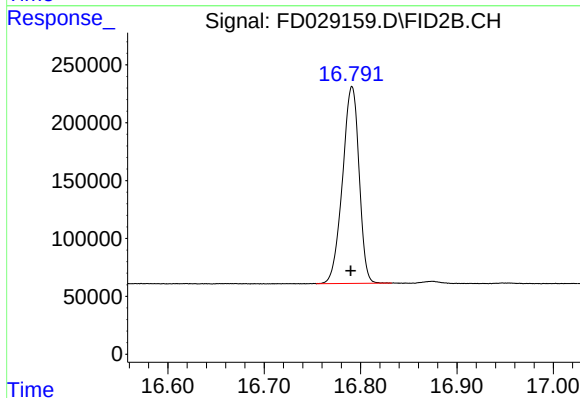
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.413 min
Delta R.T.: 0.001 min
Response: 2079950
Conc: 20.18 ug/ml



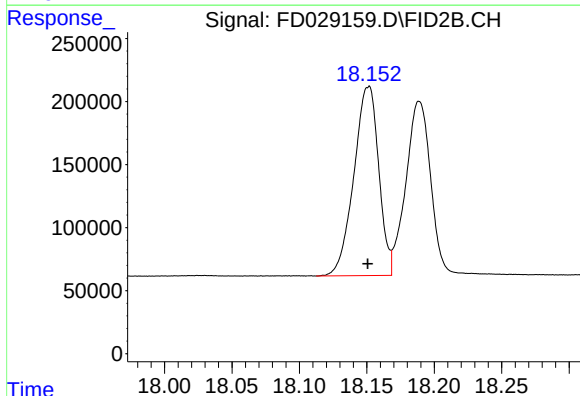
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.444 min
Delta R.T.: 0.000 min
Response: 2044785
Conc: 20.18 ug/ml



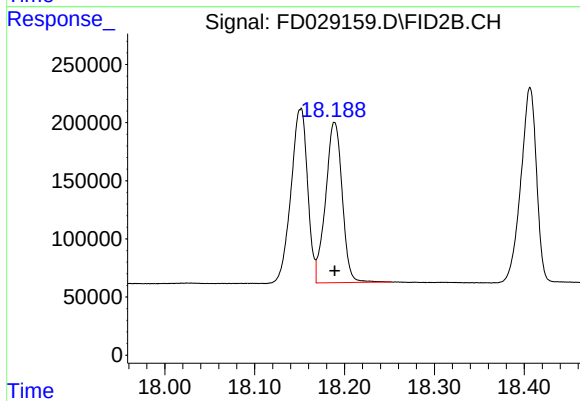
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: 0.001 min
Response: 2022550
Conc: 19.96 ug/ml



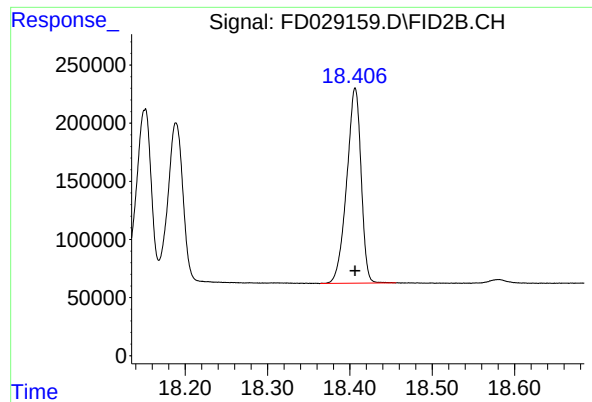
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.151 min
Delta R.T.: 0.000 min
Response: 1920978
Conc: 19.77 ug/ml



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

R.T.: 18.189 min
Delta R.T.: 0.000 min
Response: 1770210
Conc: 19.68 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.000 min
Response: 2037353
Conc: 20.15 ug/ml