

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061719AR\
 Data File : FD029449.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2019 11:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 18 11:36:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 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...	7.726	2304297	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
6) S 2-Fluorobiphenyl (SURR)	8.591	1558308	19.659 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.32%
11) S ortho-Terphenyl (SURR)	11.629	2451608	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2486851	20.355 ug/ml
2) T Naphthalene (C11.7)	6.067	2621291	20.114 ug/ml
3) T 2-Methylnaphthalene (...)	7.117	2572522	19.929 ug/ml
5) T Acenaphthylene (C15.06)	8.394	2453368	19.405 ug/ml
7) T Acenaphthene (C15.5)	8.690	2560223	19.621 ug/ml
8) T Fluorene (C16.55)	9.469	2528022	19.428 ug/ml
9) T Phenanthrene (C19.36)	10.865	2536573	19.332 ug/ml
10) T Anthracene (C19.43)	10.940	2412498	18.667 ug/ml
12) T Fluoranthene (C21.85)	12.676	2520859	19.168 ug/ml
13) T Pyrene (C20.8)	12.973	2514597	19.095 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2387037	18.982 ug/ml
15) T Chrysene (C27.41)	14.882	2392978	18.978 ug/ml
16) T benzo[b]fluoranthene ...	16.386	2385395	19.261 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	2357396	19.139 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	2345618	19.173 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.124	2295080	19.453 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	2293136	19.810 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	2305312	19.858 ug/ml

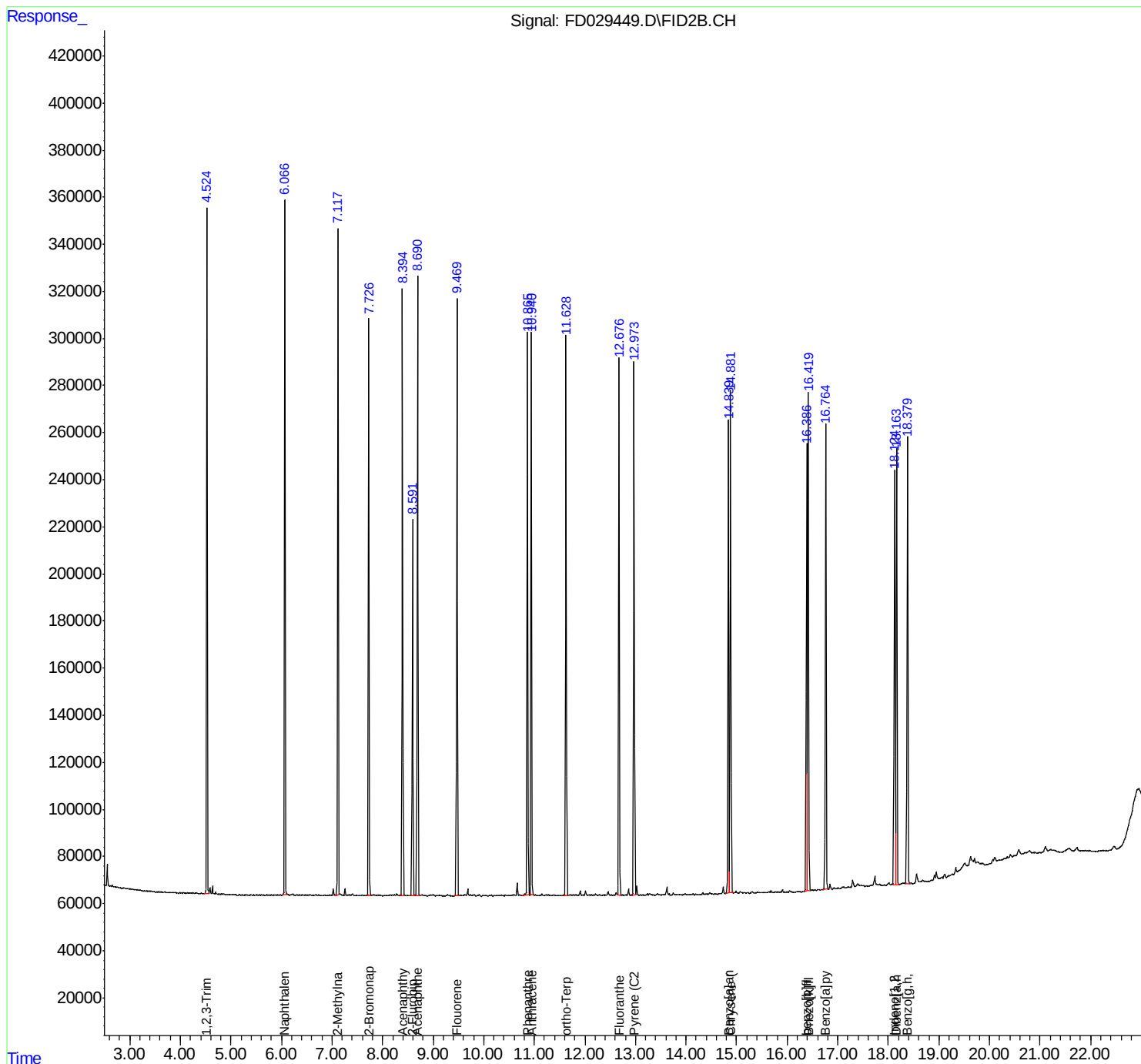
(f)=RT Delta > 1/2 Window

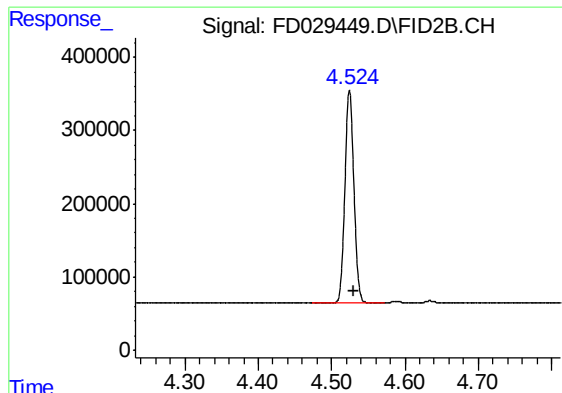
(m)=manual int.

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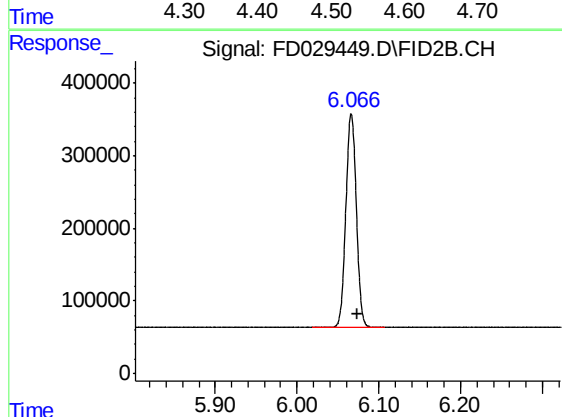
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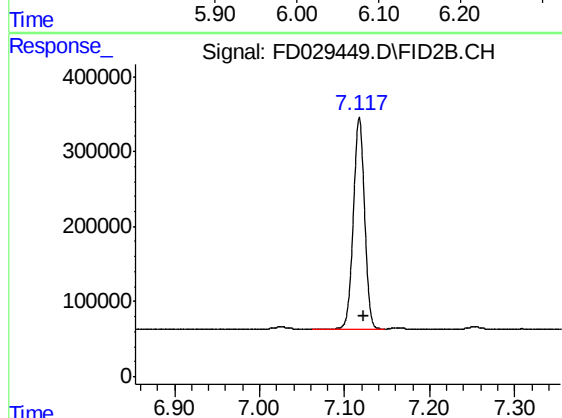
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.524 min
Delta R.T.: -0.006 min
Response: 2486851
Conc: 20.36 ug/ml



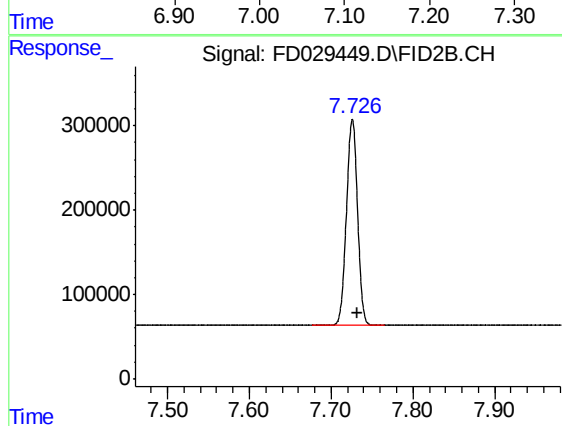
#2 Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.007 min
Response: 2621291
Conc: 20.11 ug/ml



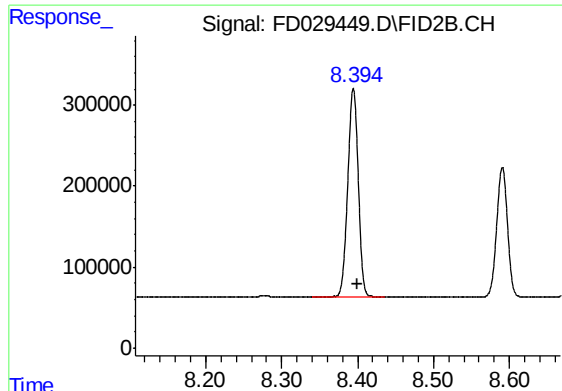
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.006 min
Response: 2572522
Conc: 19.93 ug/ml



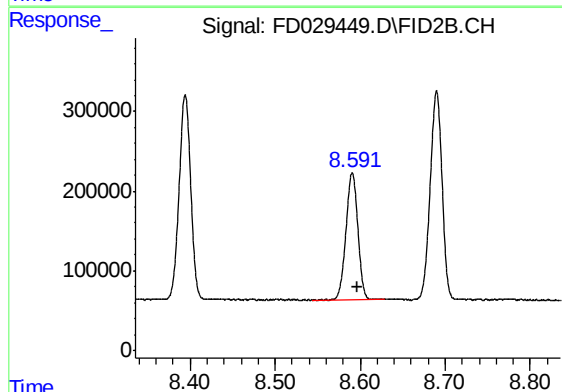
#4 2-Bromonaphthalene (SURR)

R.T.: 7.726 min
Delta R.T.: -0.006 min
Response: 2304297
Conc: 19.83 ug/ml



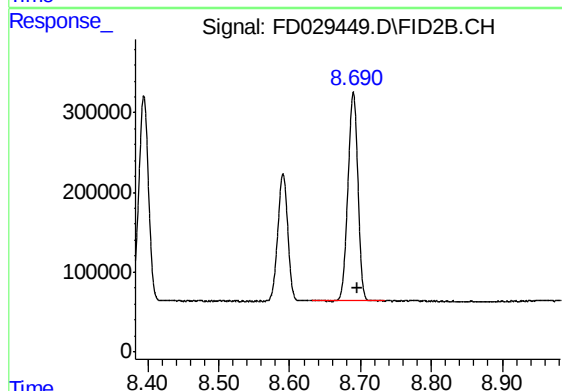
#5 Acenaphthylene (C15.06)

R.T.: 8.394 min
Delta R.T.: -0.006 min
Response: 2453368
Conc: 19.41 ug/ml



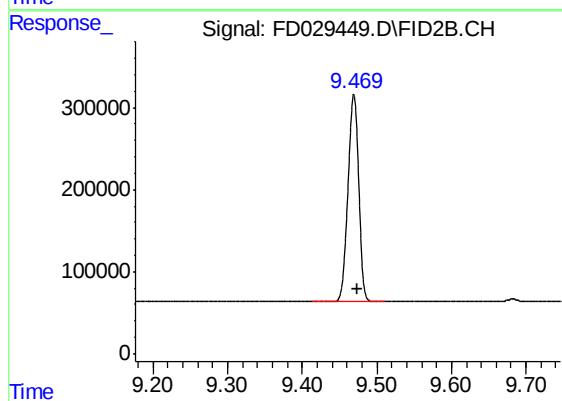
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 1558308
Conc: 19.66 ug/ml



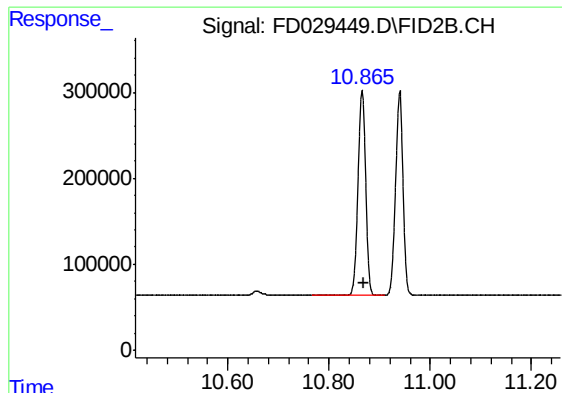
#7 Acenaphthene (C15.5)

R.T.: 8.690 min
Delta R.T.: -0.005 min
Response: 2560223
Conc: 19.62 ug/ml



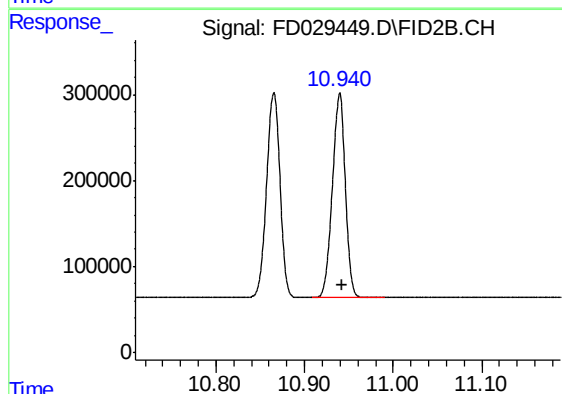
#8 Flouorene (C16.55)

R.T.: 9.469 min
Delta R.T.: -0.005 min
Response: 2528022
Conc: 19.43 ug/ml



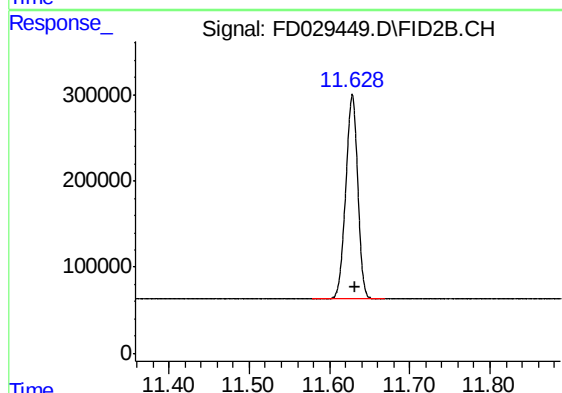
#9 Phenanthrene (C19.36)

R.T.: 10.865 min
Delta R.T.: -0.004 min
Response: 2536573
Conc: 19.33 ug/ml



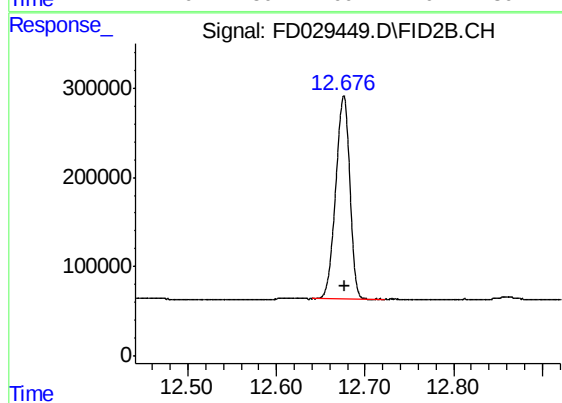
#10 Anthracene (C19.43)

R.T.: 10.940 min
Delta R.T.: -0.003 min
Response: 2412498
Conc: 18.67 ug/ml



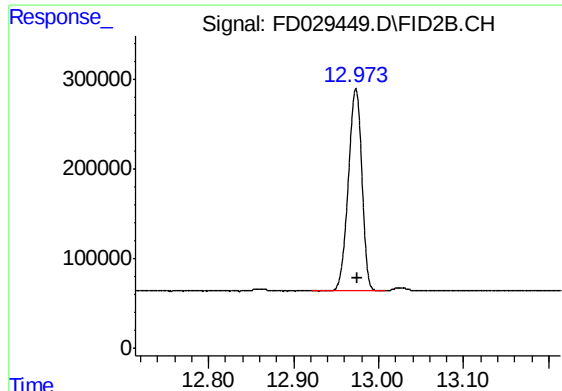
#11 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.003 min
Response: 2451608
Conc: 19.10 ug/ml



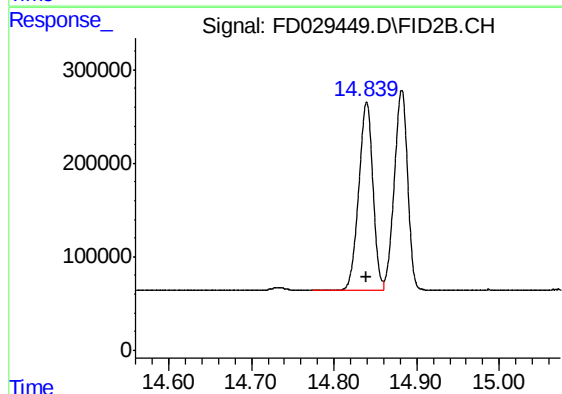
#12 Fluoranthene (C21.85)

R.T.: 12.676 min
Delta R.T.: -0.001 min
Response: 2520859
Conc: 19.17 ug/ml



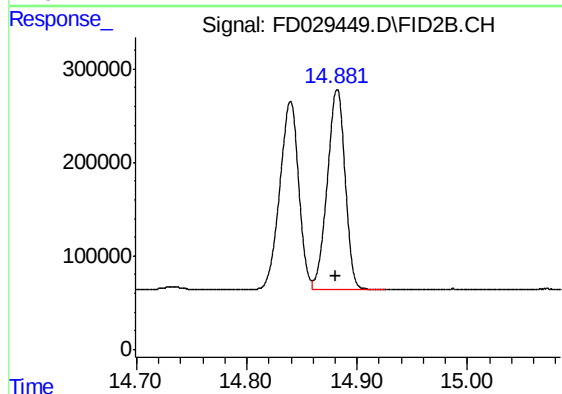
#13 Pyrene (C20.8)

R.T.: 12.973 min
Delta R.T.: -0.001 min
Response: 2514597
Conc: 19.10 ug/ml



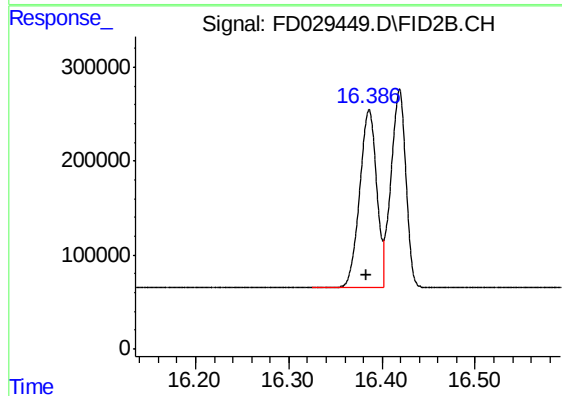
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.001 min
Response: 2387037
Conc: 18.98 ug/ml



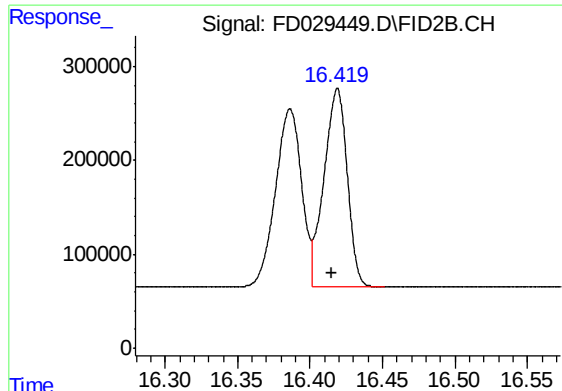
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.002 min
Response: 2392978
Conc: 18.98 ug/ml



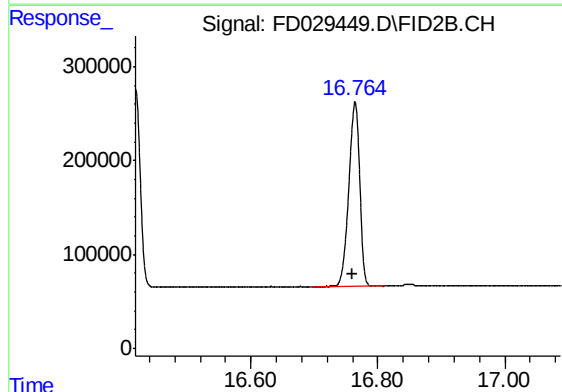
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.386 min
Delta R.T.: 0.003 min
Response: 2385395
Conc: 19.26 ug/ml



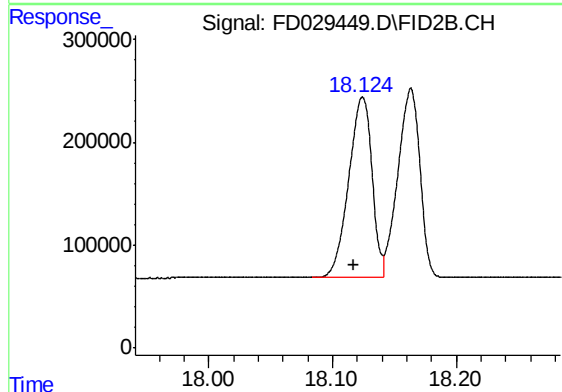
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.419 min
Delta R.T.: 0.004 min
Response: 2357396
Conc: 19.14 ug/ml



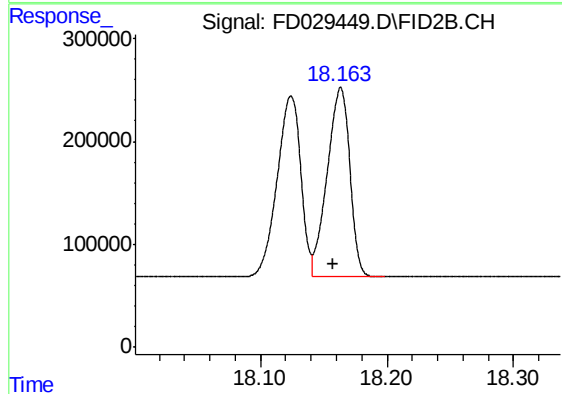
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.003 min
Response: 2345618
Conc: 19.17 ug/ml



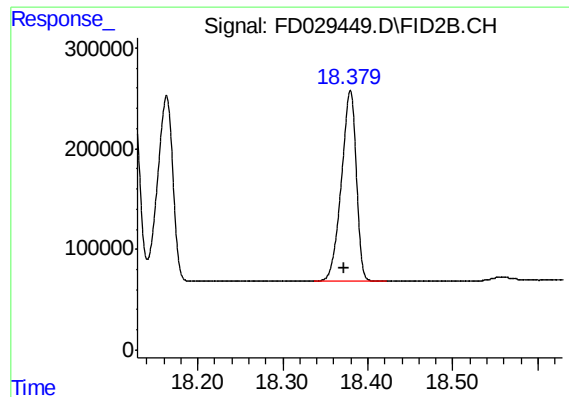
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.124 min
Delta R.T.: 0.007 min
Response: 2295080
Conc: 19.45 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.005 min
Response: 2293136
Conc: 19.81 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.008 min
Response: 2305312
Conc: 19.86 ug/ml