

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042778.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 15:31
 Operator : UA/NP
 Sample : N1645-07
 Misc : 4 PPM LOD WATER
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 07 02:04:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.666	6831727	44.707 ug/ml
Spiked Amount 50.000		Recovery =	89.41%
6) S 2-Fluorobiphenyl (SURR)	8.531	4563962	44.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.75%
11) S ortho-Terphenyl (SURR)	11.581	6900341	38.870 ug/ml
Spiked Amount 50.000		Recovery =	77.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	524458	3.132 ug/ml
2) T Naphthalene (C11.7)	5.998	606419	3.507 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	593163	3.720 ug/ml
5) T Acenaphthylene (C15.06)	8.330	567640	3.285 ug/ml
7) T Acenaphthene (C15.5)	8.627	589624	3.427 ug/ml
8) T Flouorene (C16.55)	9.407	581836	3.466 ug/ml
9) T Phenanthrene (C19.36)	10.806	570087	3.467 ug/ml
10) T Anthracene (C19.43)	10.880	531403	3.477 ug/ml
12) T Fluoranthene (C21.85)	12.620	547430	3.475 ug/ml
13) T Pyrene (C20.8)	12.918	533897	3.429 ug/ml
14) T Benzo[a]anthracene (C...	14.790	452651	3.395 ug/ml
15) T Chrysene (C27.41)	14.831	437171	3.309 ug/ml
16) T benzo[b]fluoranthene ...	16.341	492688	3.698 ug/ml
17) T Bnezo[k]fluoranthene ...	16.372	486684	3.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.719	434365	3.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.083	443503	3.979 ug/ml
20) T Dibenz[a,h]anthracene...	18.125	476864	4.287 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	484450	4.076 ug/ml

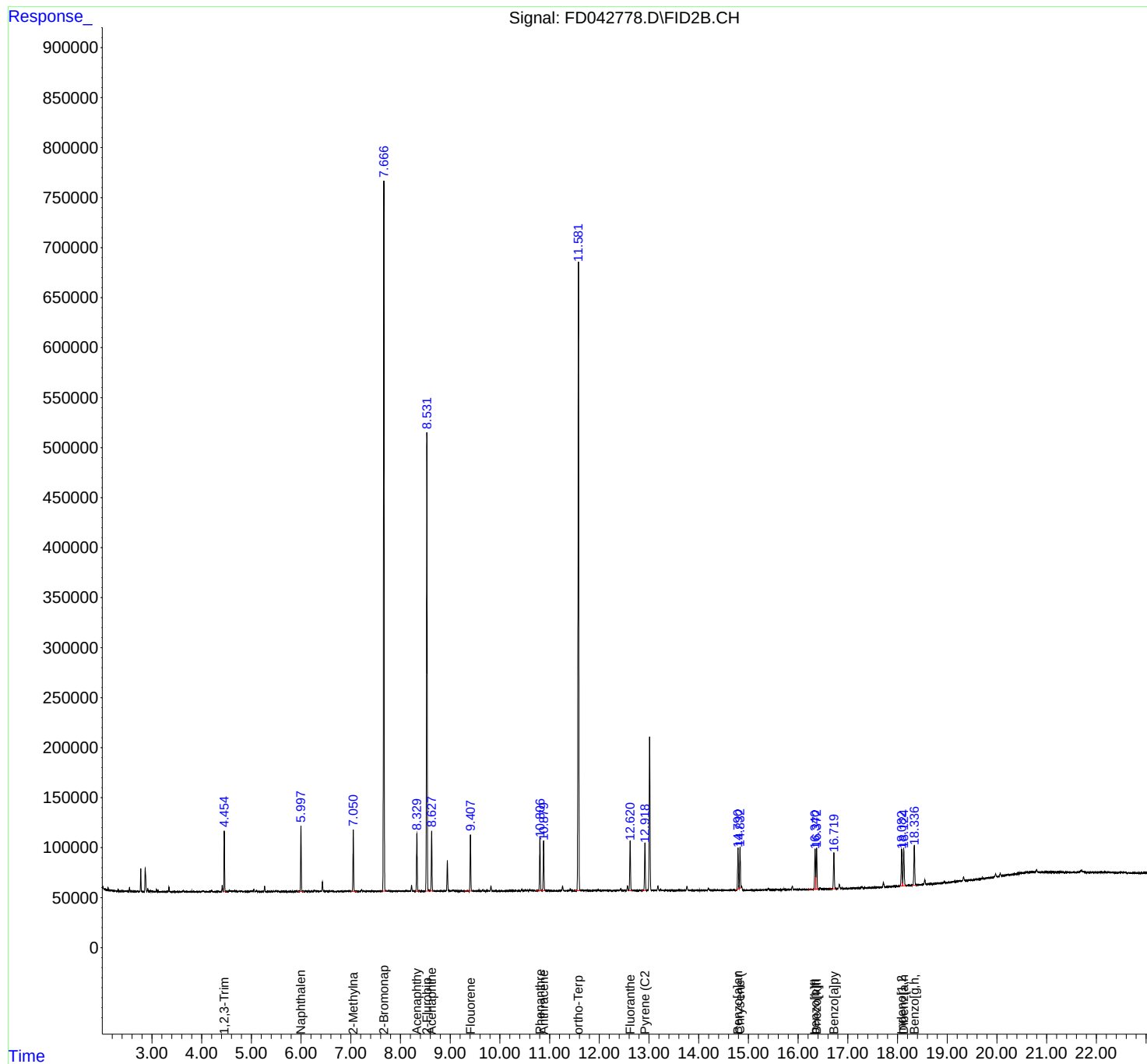
(f)=RT Delta > 1/2 Window

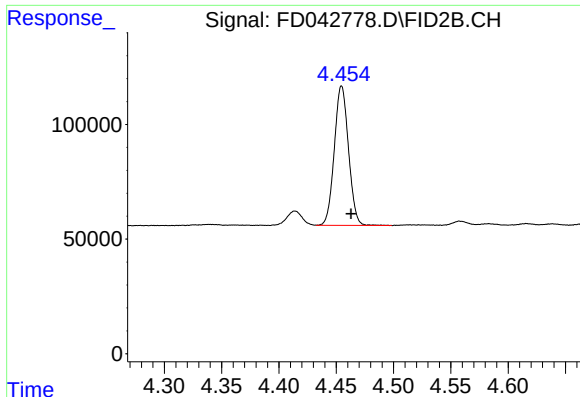
(m)=manual int.

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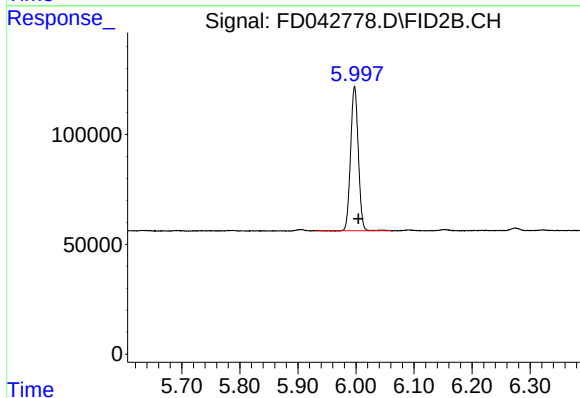
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Signal Info : 20M x 0.18mm x 0.18µm





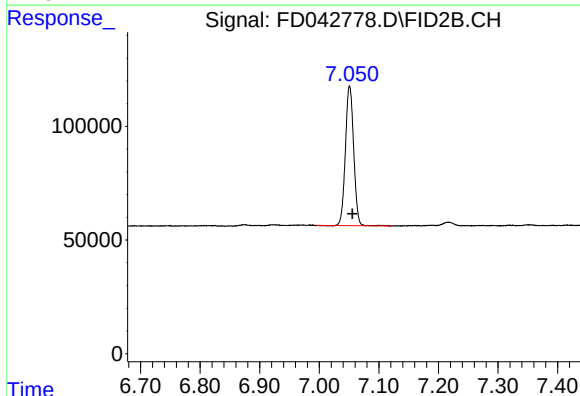
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 524458
Conc: 3.13 ug/ml



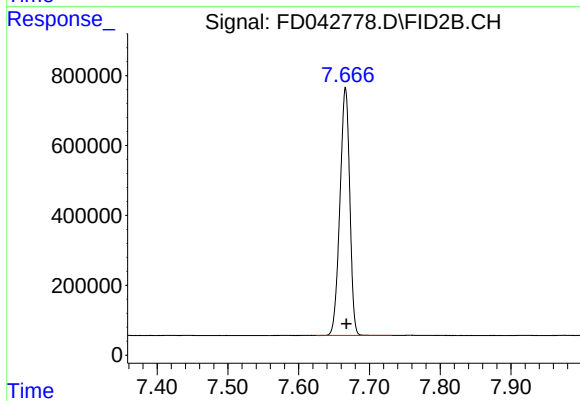
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 606419
Conc: 3.51 ug/ml



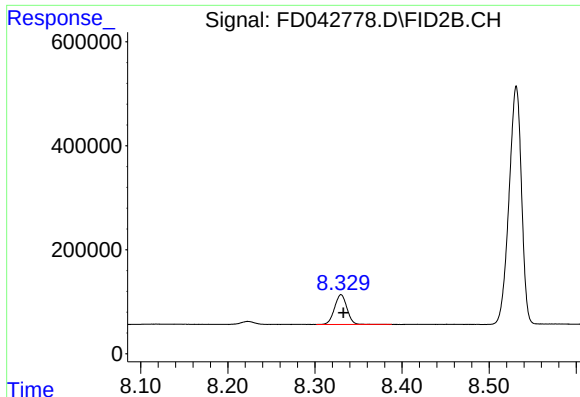
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 593163
Conc: 3.72 ug/ml



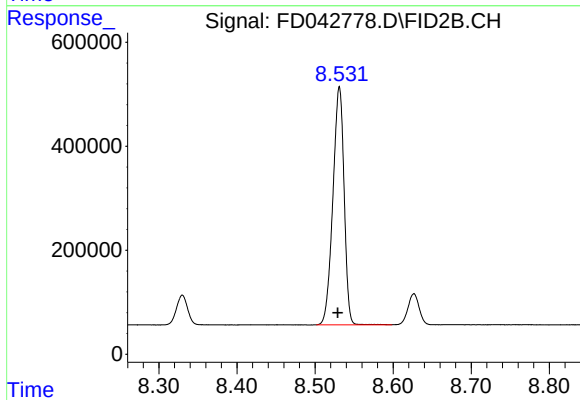
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 6831727
Conc: 44.71 ug/ml



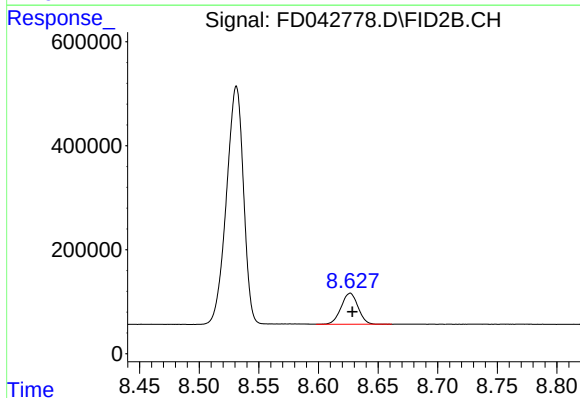
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 567640
Conc: 3.29 ug/ml



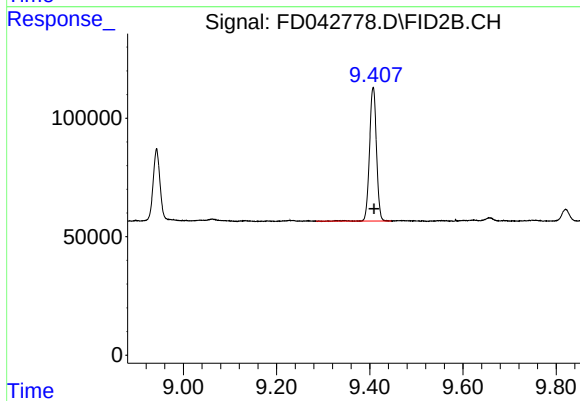
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 4563962
Conc: 44.38 ug/ml



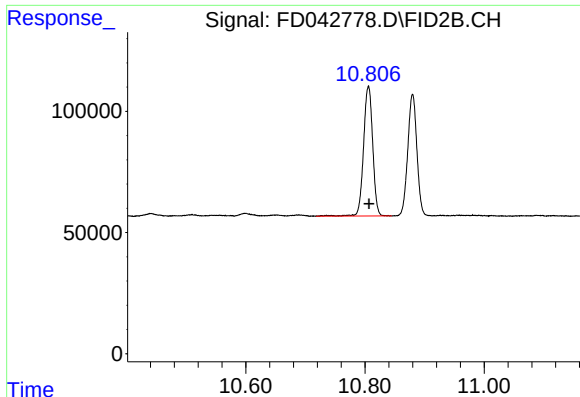
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 589624
Conc: 3.43 ug/ml



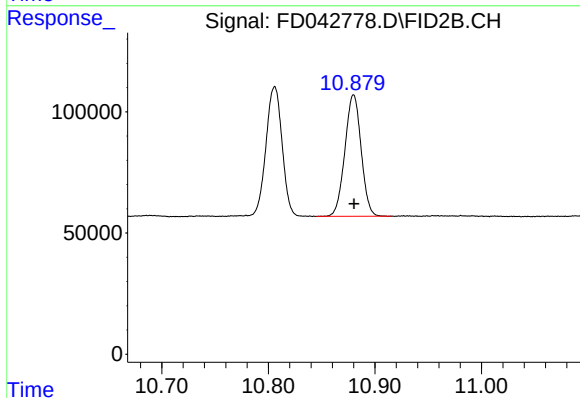
#8 Fluorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.002 min
Response: 581836
Conc: 3.47 ug/ml



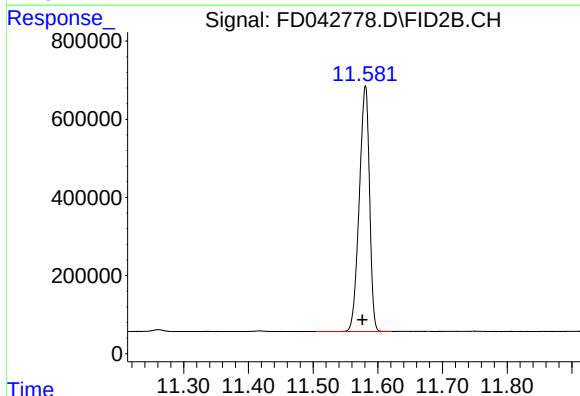
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 570087
Conc: 3.47 ug/ml



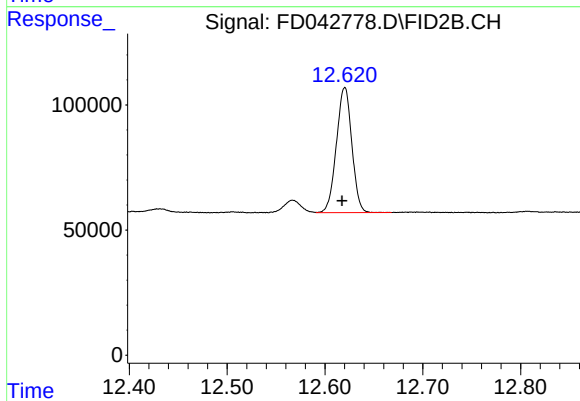
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 531403
Conc: 3.48 ug/ml



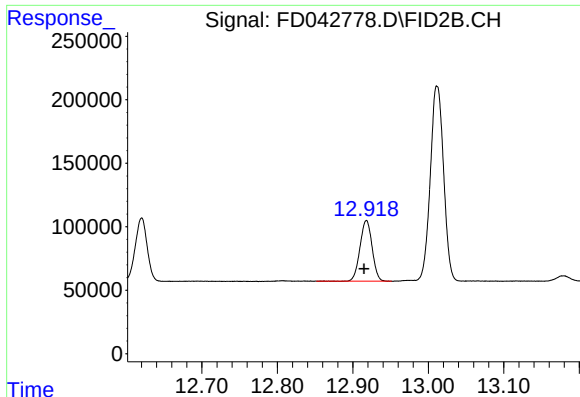
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.004 min
Response: 6900341
Conc: 38.87 ug/ml



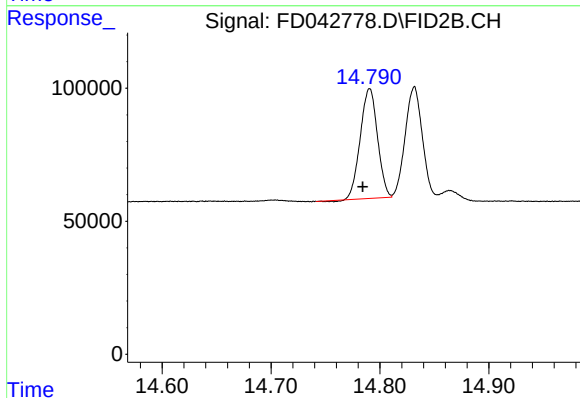
#12 Fluoranthene (C21.85)

R.T.: 12.620 min
Delta R.T.: 0.003 min
Response: 547430
Conc: 3.47 ug/ml



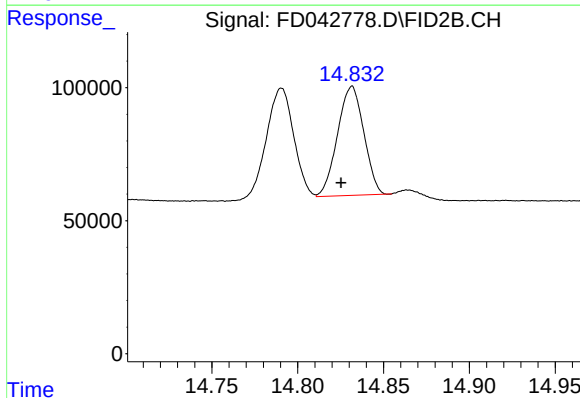
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: 0.003 min
Response: 533897
Conc: 3.43 ug/ml



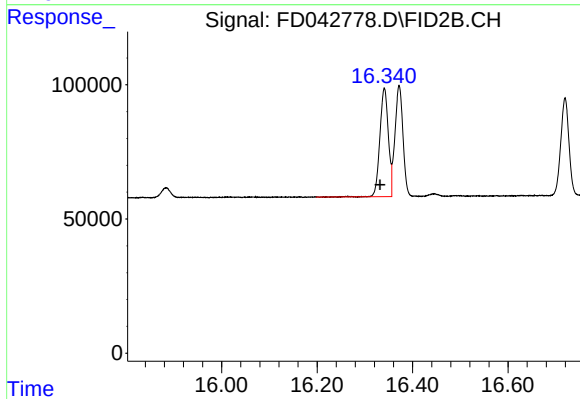
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: 0.006 min
Response: 452651
Conc: 3.39 ug/ml



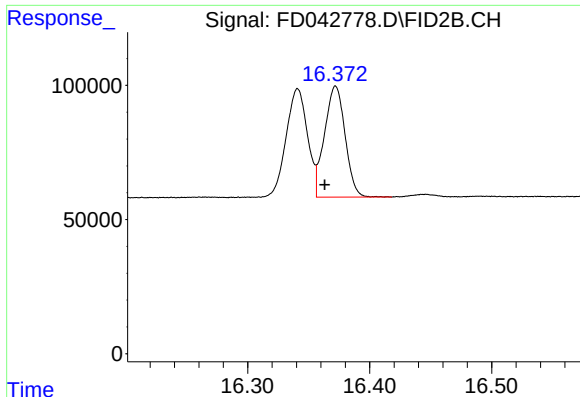
#15 Chrysene (C27.41)

R.T.: 14.831 min
Delta R.T.: 0.006 min
Response: 437171
Conc: 3.31 ug/ml



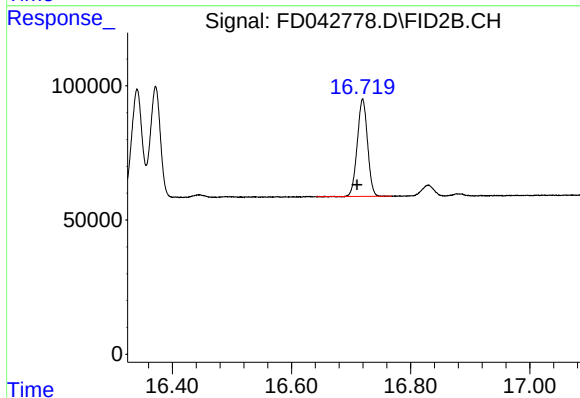
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.341 min
Delta R.T.: 0.009 min
Response: 492688
Conc: 3.70 ug/ml



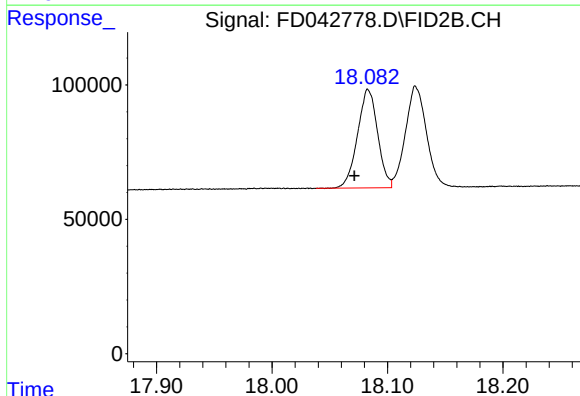
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.372 min
Delta R.T.: 0.009 min
Response: 486684
Conc: 3.93 ug/ml



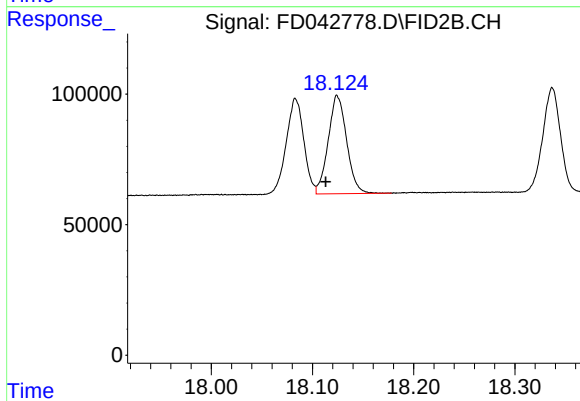
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.719 min
Delta R.T.: 0.010 min
Response: 434365
Conc: 3.51 ug/ml



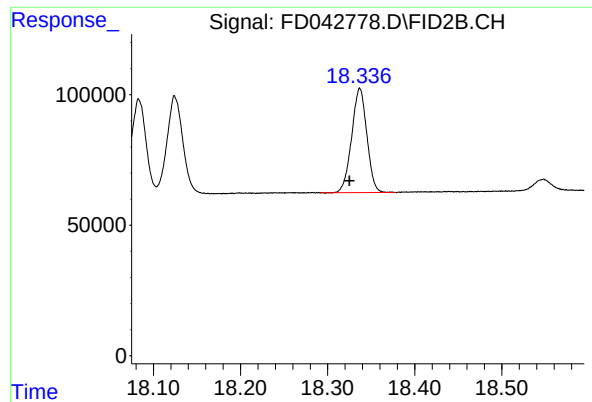
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.083 min
Delta R.T.: 0.012 min
Response: 443503
Conc: 3.98 ug/ml



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

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 476864
Conc: 4.29 ug/ml



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

R.T.: 18.337 min
Delta R.T.: 0.012 min
Response: 484450
Conc: 4.08 ug/ml