

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072320AR\
 Data File : FD034126.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jul 2020 18:29
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 24 03:00:45 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...	7.705	2234960	18.608 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
6) S 2-Fluorobiphenyl (SURR)	8.570	1528448	18.033 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.07%
11) S ortho-Terphenyl (SURR)	11.612	2389638	17.662 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2562691	19.403 ug/ml
2) T Naphthalene (C11.7)	6.042	2620760	18.921 ug/ml
3) T 2-Methylnaphthalene (...)	7.095	2597805	18.653 ug/ml
5) T Acenaphthylene (C15.06)	8.373	2383669	17.730 ug/ml
7) T Acenaphthene (C15.5)	8.669	2473397	18.071 ug/ml
8) T Fluorene (C16.55)	9.450	2395759	17.818 ug/ml
9) T Phenanthrene (C19.36)	10.847	2314292	17.317 ug/ml
10) T Anthracene (C19.43)	10.921	2122227	15.993 ug/ml
12) T Fluoranthene (C21.85)	12.658	2230903	16.792 ug/ml
13) T Pyrene (C20.8)	12.955	2152600	16.605 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2013129	16.171 ug/ml
15) T Chrysene (C27.41)	14.866	2027220	16.324 ug/ml
16) T benzo[b]fluoranthene ...	16.371	1993542	16.756 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	1940420	16.746 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	1974004	16.963 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.110	1982682	17.807 ug/ml
20) T Dibenz[a,h]anthracene...	18.151	2001322	18.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	2001629	18.126 ug/ml

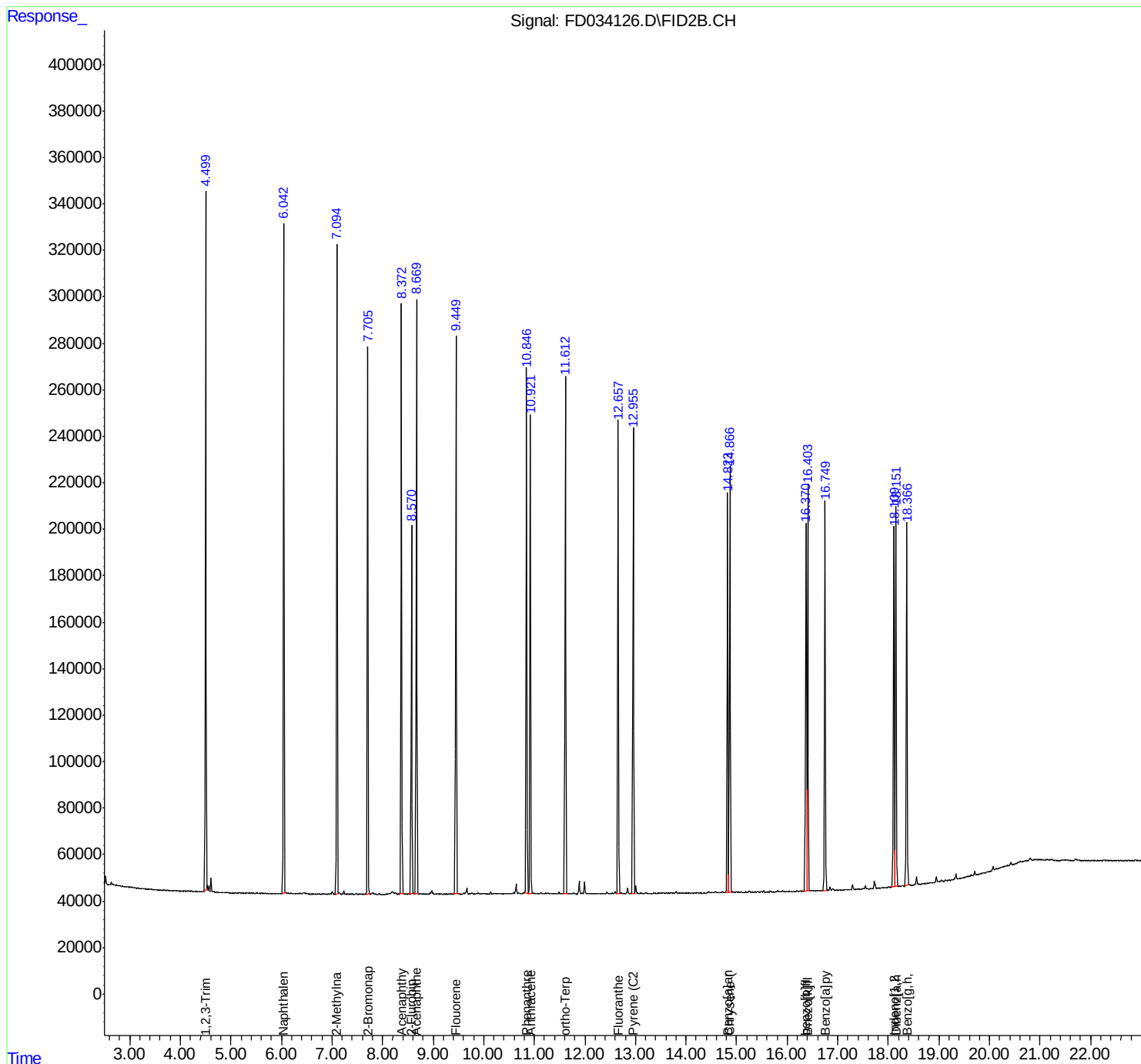
(f)=RT Delta > 1/2 Window

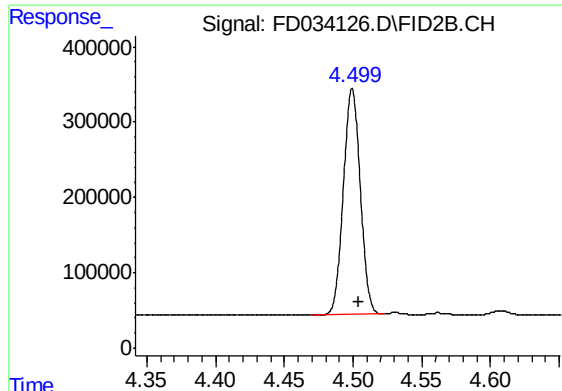
(m)=manual int.

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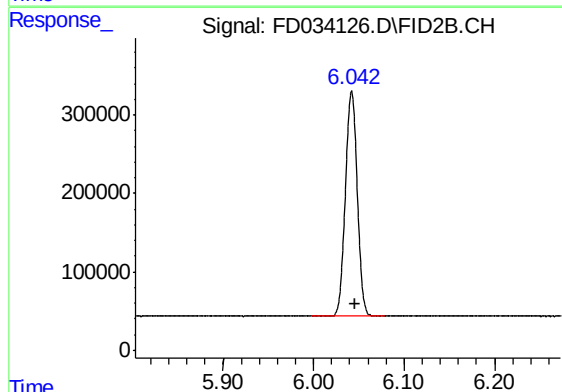
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





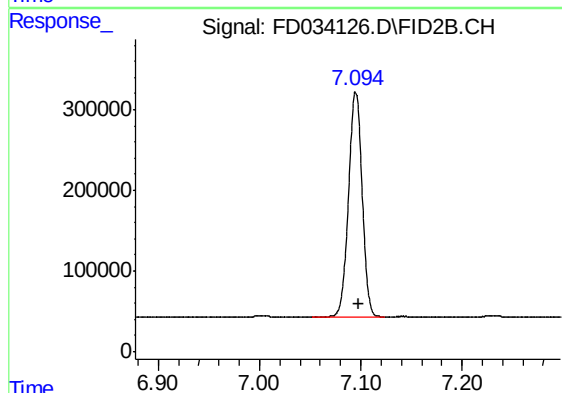
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.499 min
Delta R.T.: -0.005 min
Response: 2562691
Conc: 19.40 ug/ml



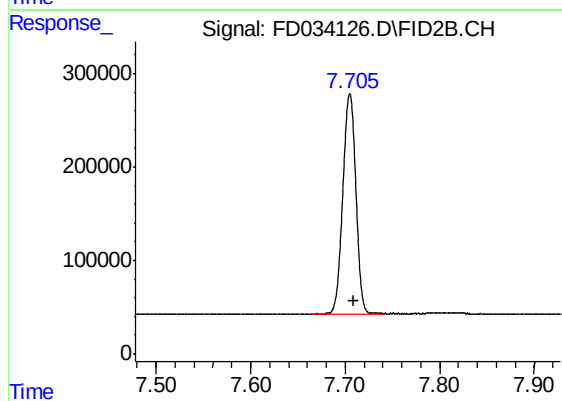
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 2620760
Conc: 18.92 ug/ml



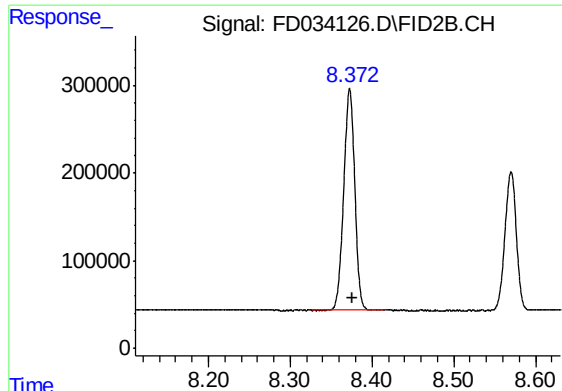
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 2597805
Conc: 18.65 ug/ml



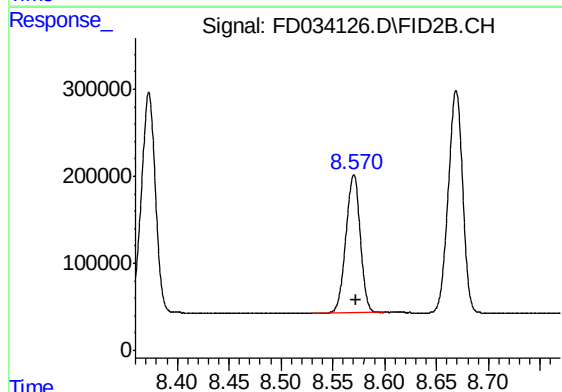
#4 2-Bromonaphthalene (SURR)

R.T.: 7.705 min
Delta R.T.: -0.004 min
Response: 2234960
Conc: 18.61 ug/ml



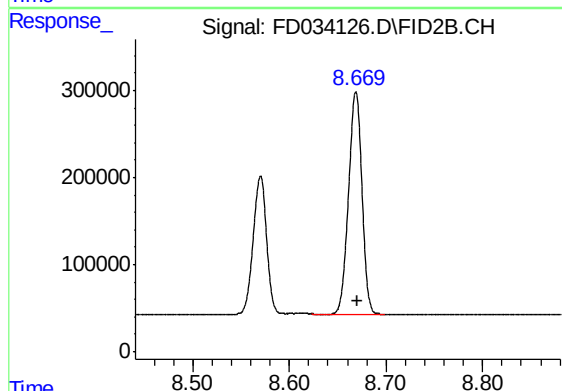
#5 Acenaphthylene (C15.06)

R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 2383669
Conc: 17.73 ug/ml



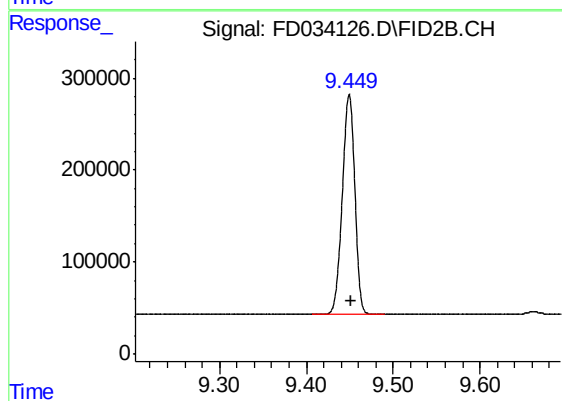
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.570 min
Delta R.T.: -0.002 min
Response: 1528448
Conc: 18.03 ug/ml



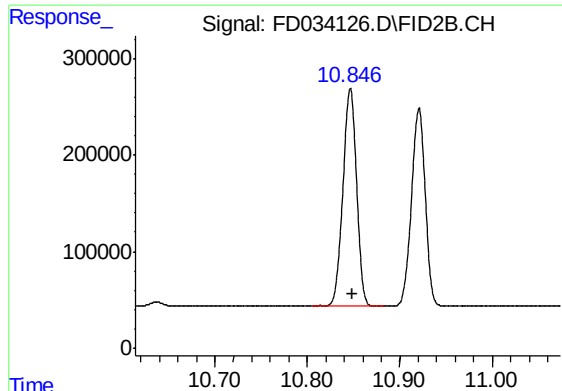
#7 Acenaphthene (C15.5)

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 2473397
Conc: 18.07 ug/ml



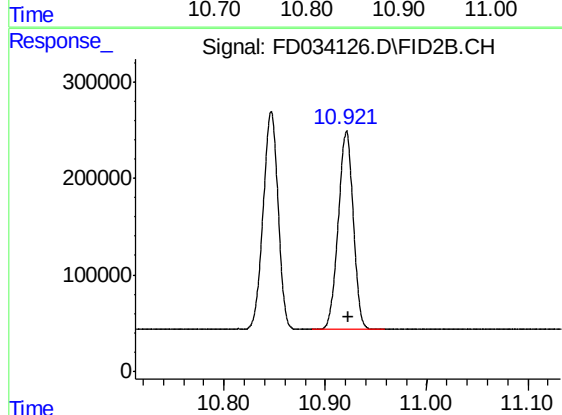
#8 Flouorene (C16.55)

R.T.: 9.450 min
Delta R.T.: -0.002 min
Response: 2395759
Conc: 17.82 ug/ml



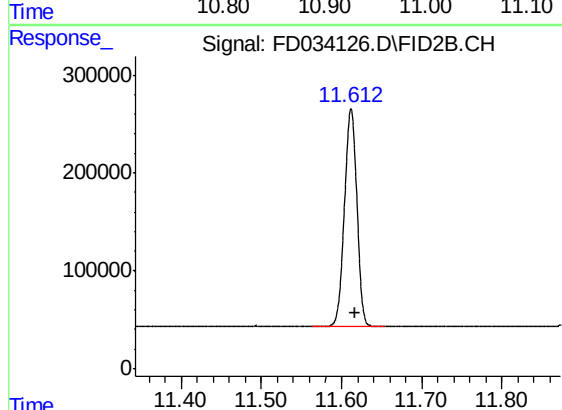
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: -0.002 min
Response: 2314292
Conc: 17.32 ug/ml



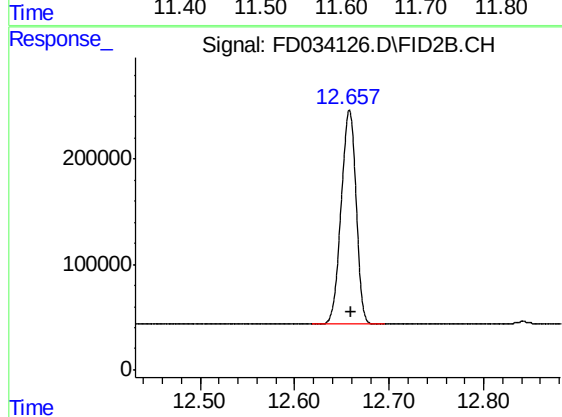
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: -0.002 min
Response: 2122227
Conc: 15.99 ug/ml



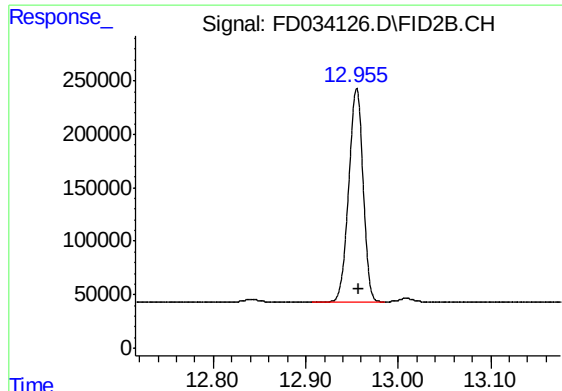
#11 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.004 min
Response: 2389638
Conc: 17.66 ug/ml



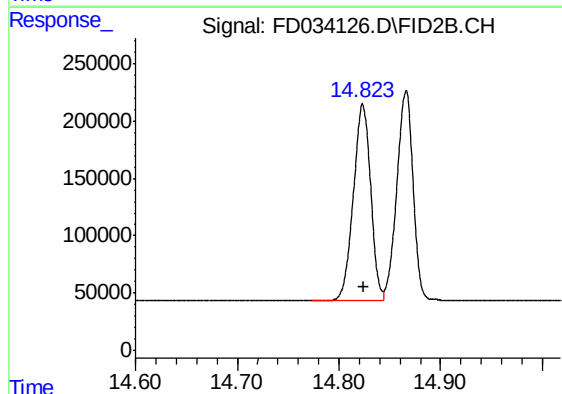
#12 Fluoranthene (C21.85)

R.T.: 12.658 min
Delta R.T.: -0.002 min
Response: 2230903
Conc: 16.79 ug/ml



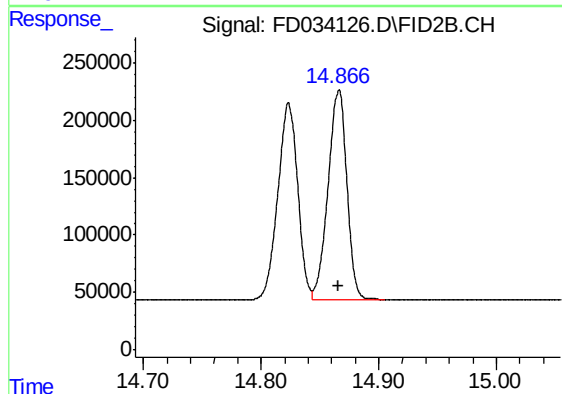
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2152600
Conc: 16.61 ug/ml



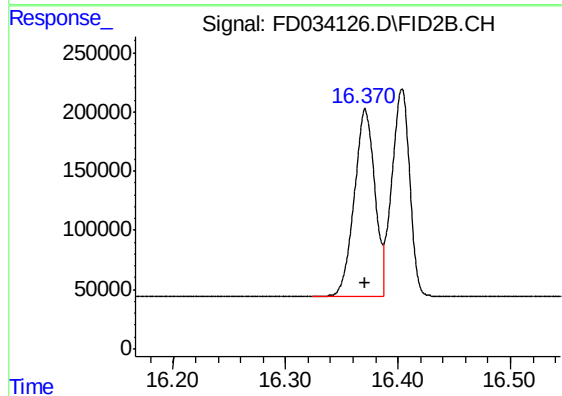
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: 0.000 min
Response: 2013129
Conc: 16.17 ug/ml



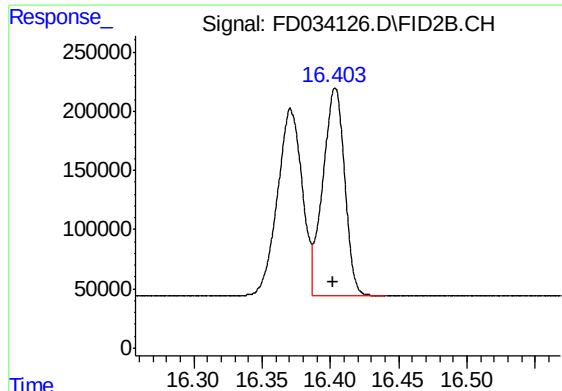
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 2027220
Conc: 16.32 ug/ml



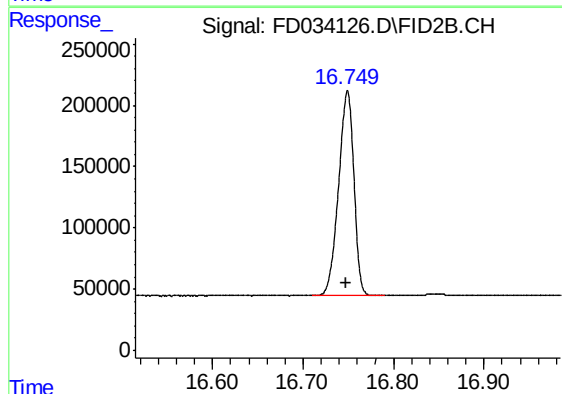
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 1993542
Conc: 16.76 ug/ml



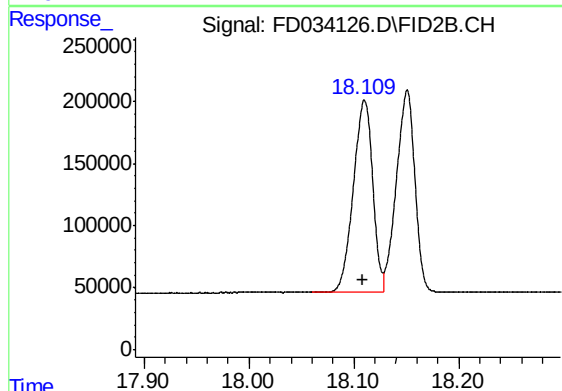
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.404 min
Delta R.T.: 0.002 min
Response: 1940420
Conc: 16.75 ug/ml



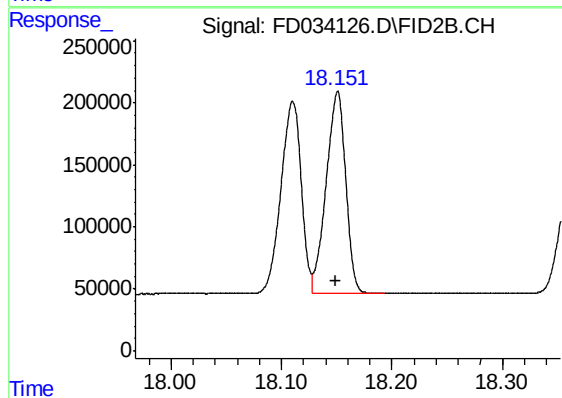
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.002 min
Response: 1974004
Conc: 16.96 ug/ml



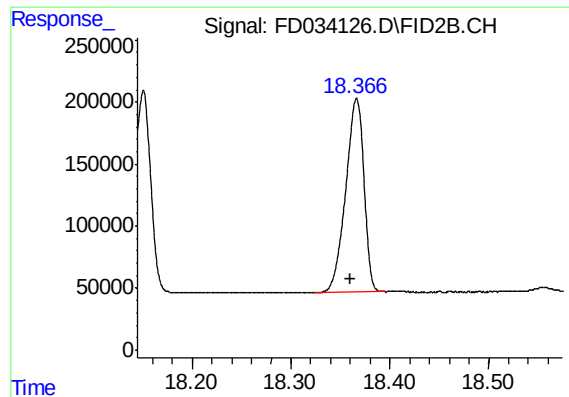
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.110 min
Delta R.T.: 0.002 min
Response: 1982682
Conc: 17.81 ug/ml



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

R.T.: 18.151 min
Delta R.T.: 0.002 min
Response: 2001322
Conc: 18.11 ug/ml



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

R.T.: 18.366 min
Delta R.T.: 0.006 min
Response: 2001629
Conc: 18.13 ug/ml