

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110618AR\
 Data File : FD026384.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2018 10:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 07 10:38:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 2018
 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...	7.400	1447590	19.581 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
6) S 2-Fluorobiphenyl (SURR)	8.252	1017838	19.828 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.66%
11) S ortho-Terphenyl (SURR)	11.294	1597949	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	1569986	19.625 ug/ml
2) T Naphthalene (C11.7)	5.735	1691504	19.683 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	1653109	19.674 ug/ml
5) T Acenaphthylene (C15.06)	8.056	1606386	19.776 ug/ml
7) T Acenaphthene (C15.5)	8.350	1678733	19.814 ug/ml
8) T Fluorene (C16.55)	9.129	1665907	19.758 ug/ml
9) T Phenanthrene (C19.36)	10.520	1691200	20.058 ug/ml
10) T Anthracene (C19.43)	10.593	1645653	20.010 ug/ml
12) T Fluoranthene (C21.85)	12.325	1758412	20.663 ug/ml
13) T Pyrene (C20.8)	12.618	1776444	20.726 ug/ml
14) T Benzo[a]anthracene (C...	14.486	1719946	20.675 ug/mlm
15) T Chrysene (C27.41)	14.529	1740530	20.718 ug/ml
16) T benzo[b]fluoranthene ...	16.034	1807168	20.196 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.067	1808740	20.291 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	1788445	19.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	1715146	18.301 ug/ml
20) T Dibenz[a,h]anthracene...	17.814	1689844	18.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	1763150	18.319 ug/ml

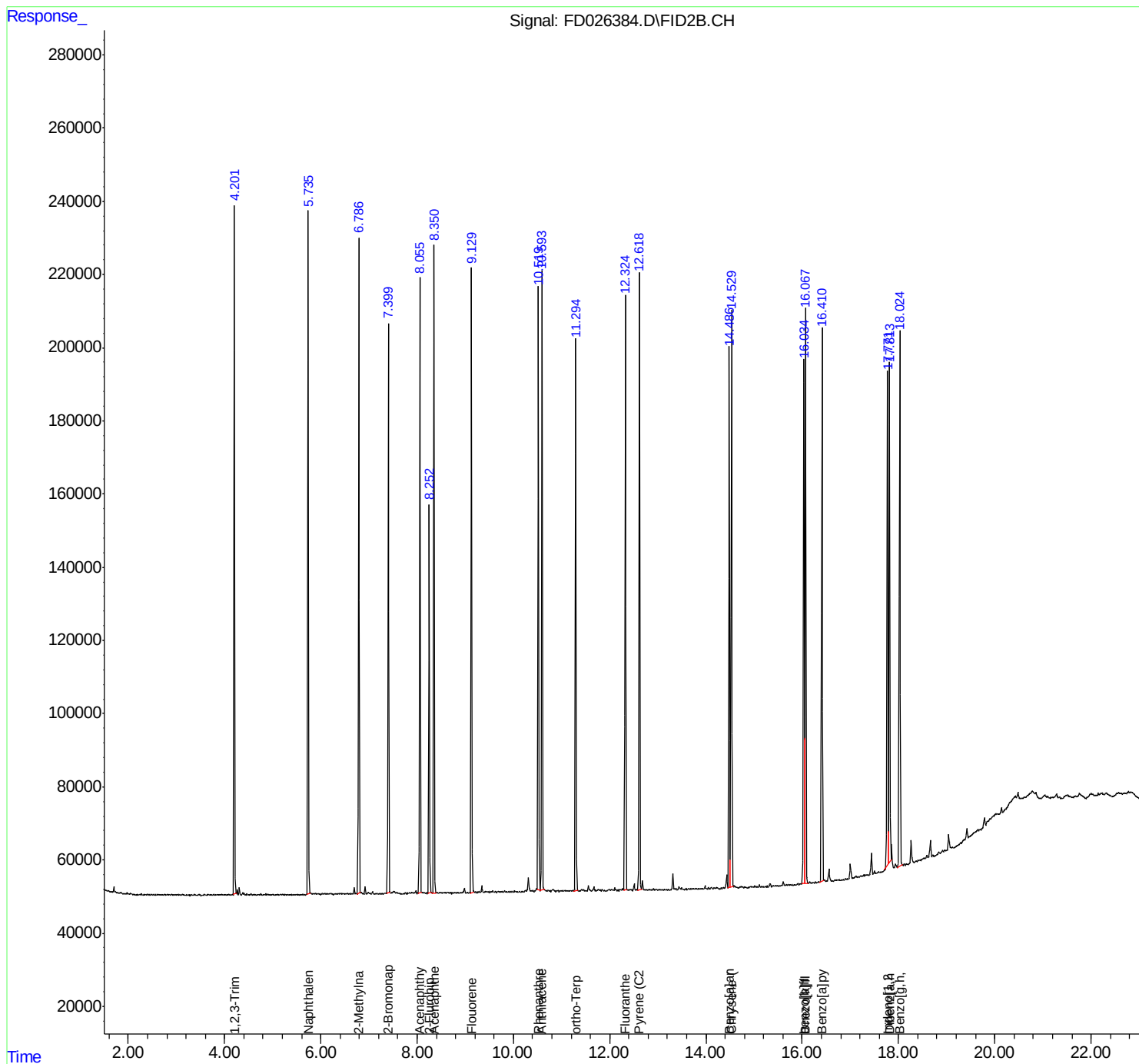
(f)=RT Delta > 1/2 Window

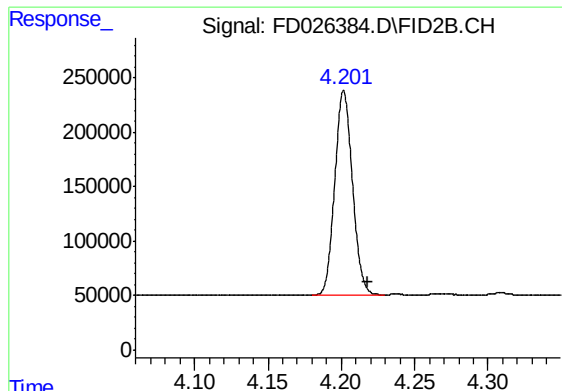
(m)=manual int.

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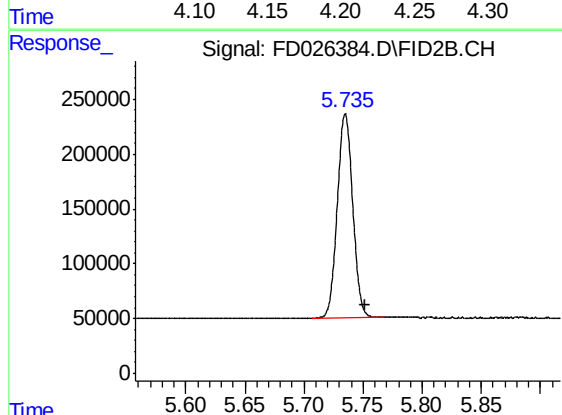
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





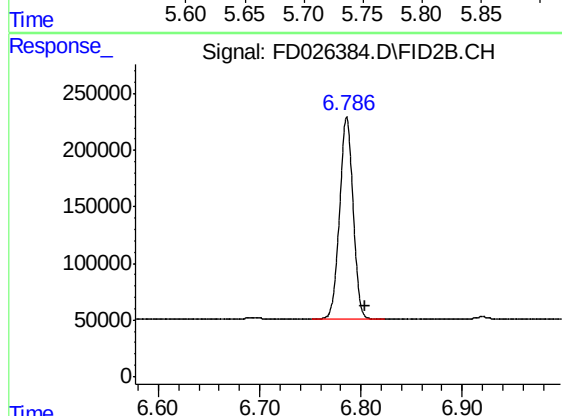
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.202 min
Delta R.T.: -0.016 min
Response: 1569986
Conc: 19.62 ug/ml



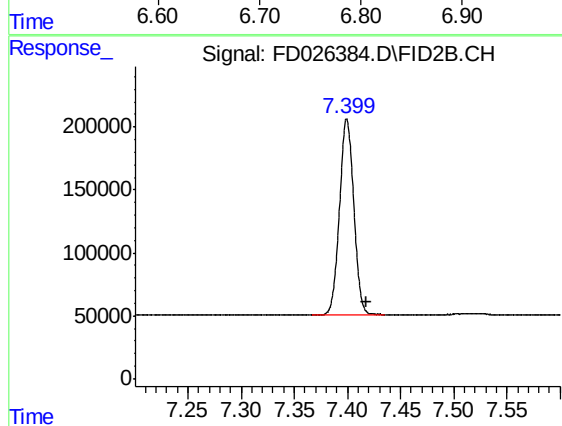
#2 Naphthalene (C11.7)

R.T.: 5.735 min
Delta R.T.: -0.017 min
Response: 1691504
Conc: 19.68 ug/ml



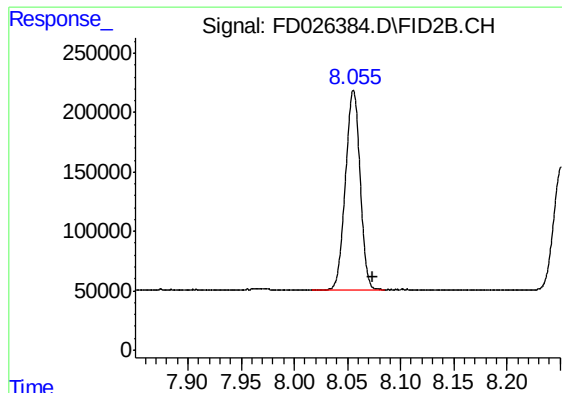
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: -0.018 min
Response: 1653109
Conc: 19.67 ug/ml



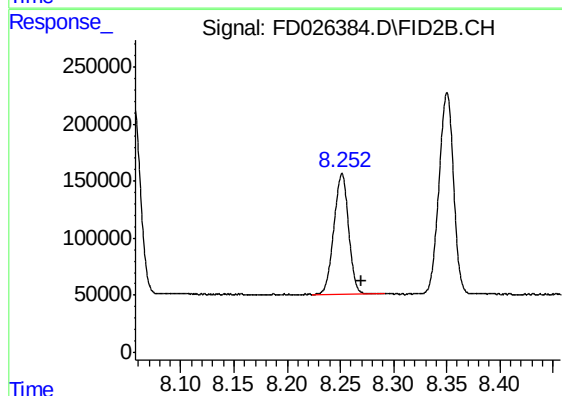
#4 2-Bromonaphthalene (SURR)

R.T.: 7.400 min
Delta R.T.: -0.019 min
Response: 1447590
Conc: 19.58 ug/ml



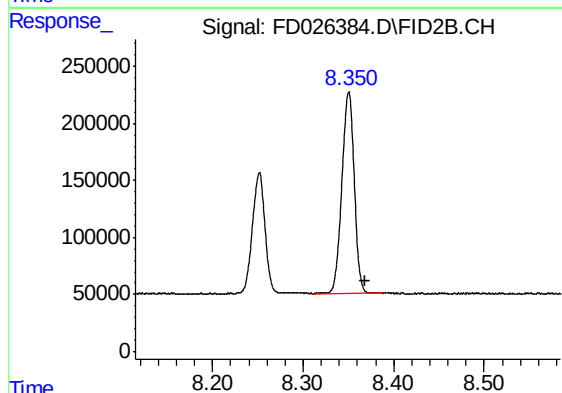
#5 Acenaphthylene (C15.06)

R.T.: 8.056 min
Delta R.T.: -0.018 min
Response: 1606386
Conc: 19.78 ug/ml



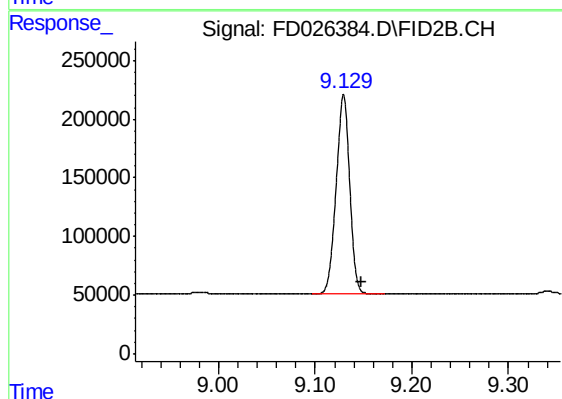
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.252 min
Delta R.T.: -0.018 min
Response: 1017838
Conc: 19.83 ug/ml



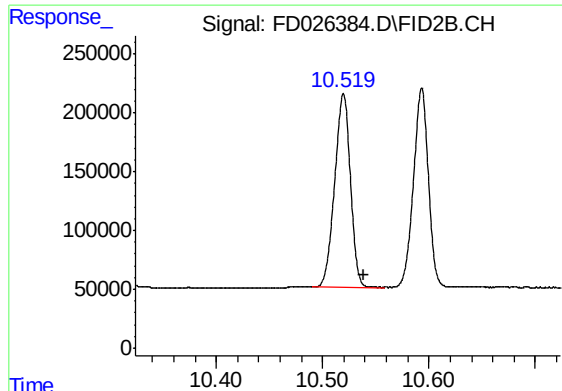
#7 Acenaphthene (C15.5)

R.T.: 8.350 min
Delta R.T.: -0.018 min
Response: 1678733
Conc: 19.81 ug/ml



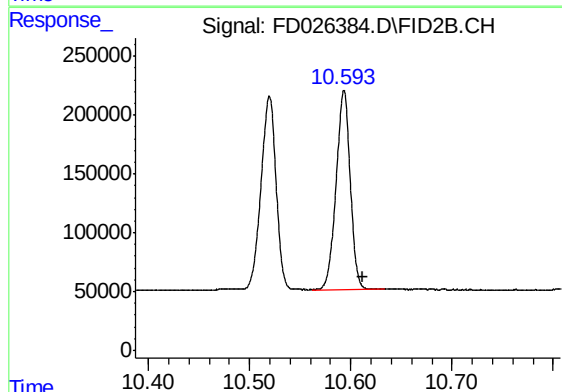
#8 Fluorene (C16.55)

R.T.: 9.129 min
Delta R.T.: -0.019 min
Response: 1665907
Conc: 19.76 ug/ml



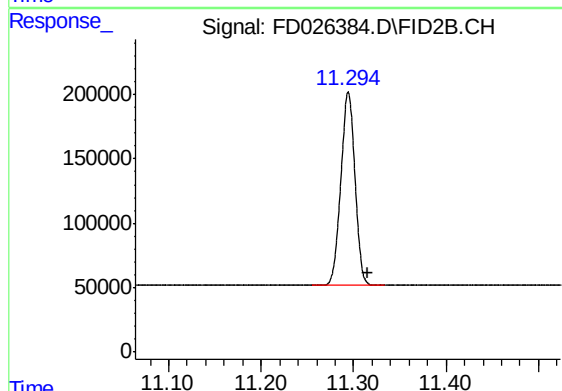
#9 Phenanthrene (C19.36)

R.T.: 10.520 min
Delta R.T.: -0.019 min
Response: 1691200
Conc: 20.06 ug/ml



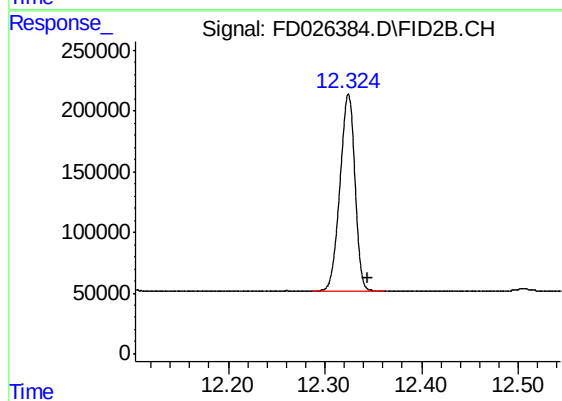
#10 Anthracene (C19.43)

R.T.: 10.593 min
Delta R.T.: -0.019 min
Response: 1645653
Conc: 20.01 ug/ml



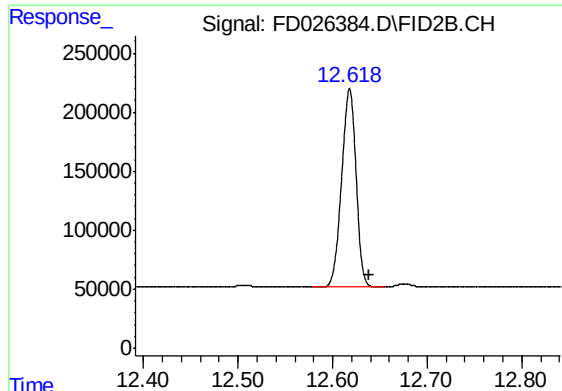
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.021 min
Response: 1597949
Conc: 20.23 ug/ml



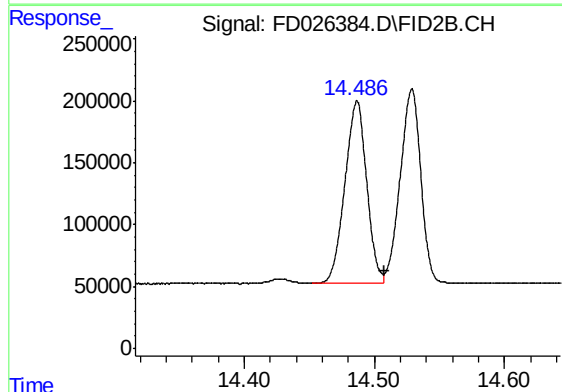
#12 Fluoranthene (C21.85)

R.T.: 12.325 min
Delta R.T.: -0.020 min
Response: 1758412
Conc: 20.66 ug/ml



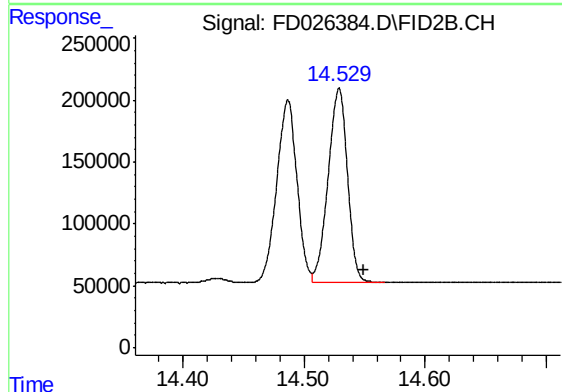
#13 Pyrene (C20.8)

R.T.: 12.618 min
Delta R.T.: -0.020 min
Response: 1776444
Conc: 20.73 ug/ml



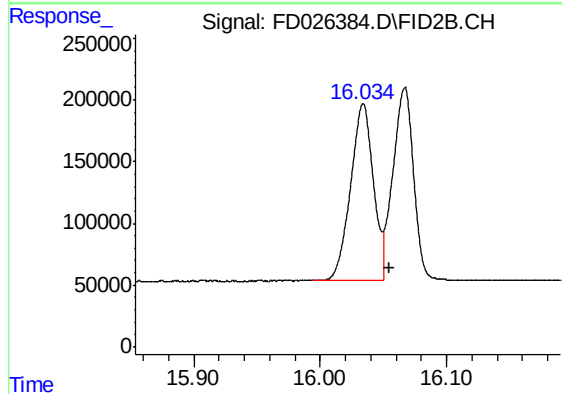
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.486 min
Delta R.T.: -0.022 min
Response: 1719946
Conc: 20.67 ug/ml m



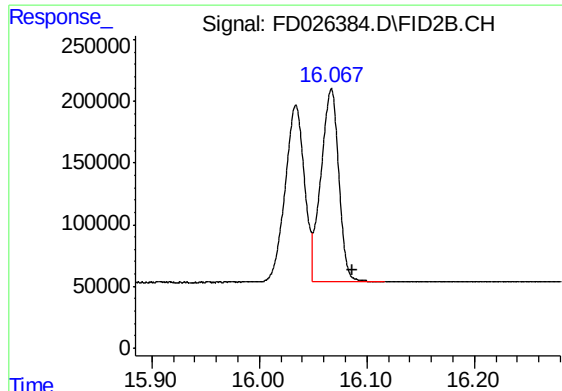
#15 Chrysene (C27.41)

R.T.: 14.529 min
Delta R.T.: -0.020 min
Response: 1740530
Conc: 20.72 ug/ml



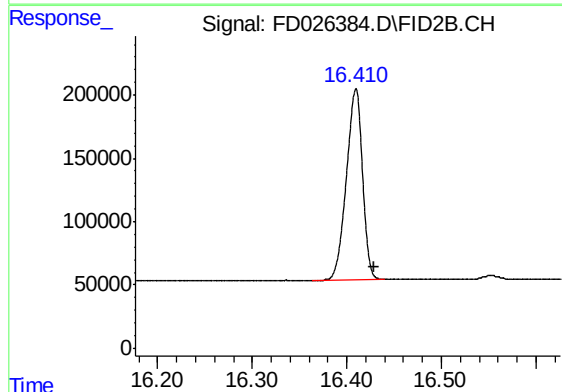
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.034 min
Delta R.T.: -0.021 min
Response: 1807168
Conc: 20.20 ug/ml m



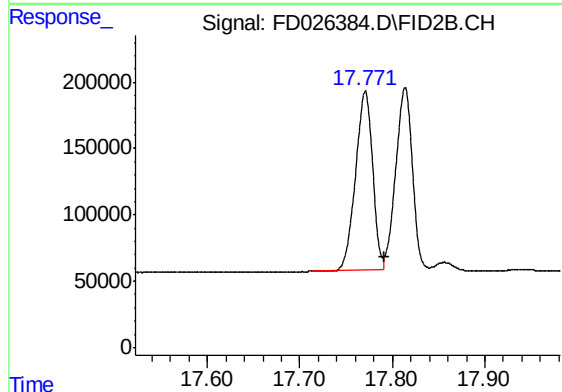
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.067 min
Delta R.T.: -0.019 min
Response: 1808740
Conc: 20.29 ug/ml



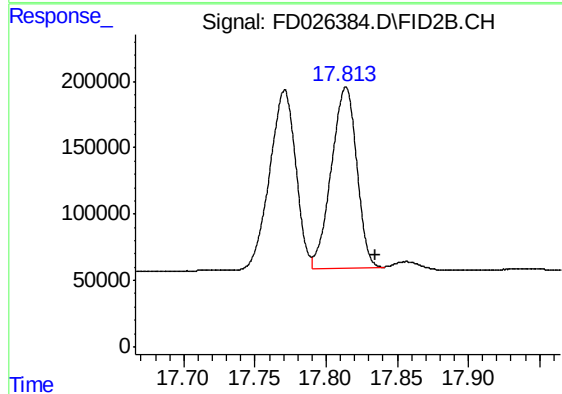
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min
Delta R.T.: -0.020 min
Response: 1788445
Conc: 19.83 ug/ml



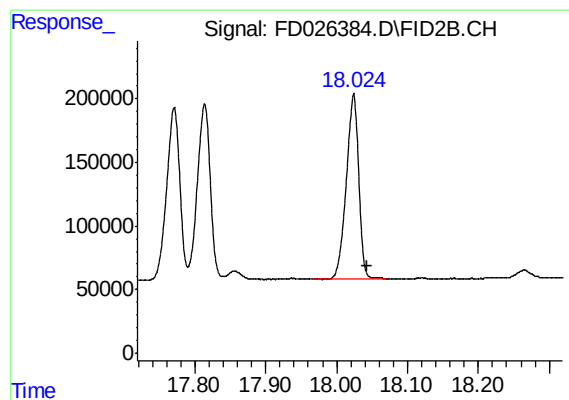
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: -0.021 min
Response: 1715146
Conc: 18.30 ug/ml



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

R.T.: 17.814 min
Delta R.T.: -0.020 min
Response: 1689844
Conc: 18.65 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.019 min
Response: 1763150
Conc: 18.32 ug/ml