

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110718AR\
 Data File : FD026398.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2018 18:34
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 08 09:57:56 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...	7.399	1331135	18.006 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
6) S 2-Fluorobiphenyl (SURR)	8.250	968758	18.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.74%
11) S ortho-Terphenyl (SURR)	11.294	1580146	20.002 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	1412013	17.650 ug/ml
2) T Naphthalene (C11.7)	5.734	1538539	17.903 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	1517198	18.057 ug/ml
5) T Acenaphthylene (C15.06)	8.054	1522675	18.745 ug/ml
7) T Acenaphthene (C15.5)	8.349	1592123	18.791 ug/ml
8) T Fluorene (C16.55)	9.128	1603076	19.013 ug/ml
9) T Phenanthrene (C19.36)	10.518	1691076	20.056 ug/ml
10) T Anthracene (C19.43)	10.591	1634790	19.878 ug/ml
12) T Fluoranthene (C21.85)	12.322	1777261	20.884 ug/ml
13) T Pyrene (C20.8)	12.617	1799186	20.991 ug/ml
14) T Benzo[a]anthracene (C...	14.528	1765071	21.217 ug/ml
15) T Chrysene (C27.41)	14.528	1765071	21.010 ug/ml
16) T benzo[b]fluoranthene ...	16.063	1791221	20.017 ug/ml
17) T Bnezo[k]fluoranthene ...	16.063	1791221	20.095 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	1768899	19.617 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	1628611	17.378 ug/ml
20) T Dibenz[a,h]anthracene...	17.811	1628611	17.971 ug/ml
21) T Benzo[g,h,i]perylene ...	18.021	1706660	17.732 ug/ml

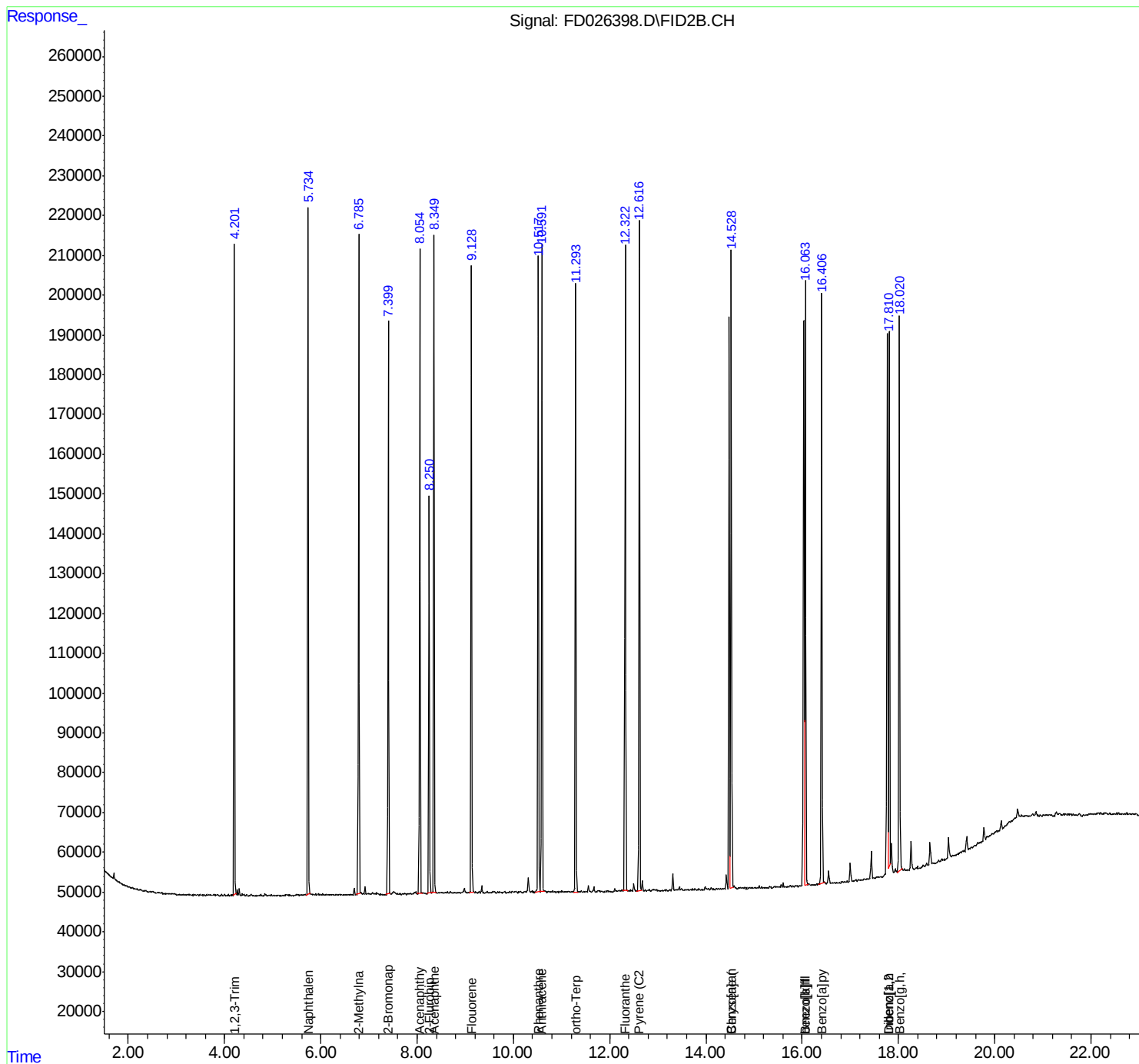
(f)=RT Delta > 1/2 Window

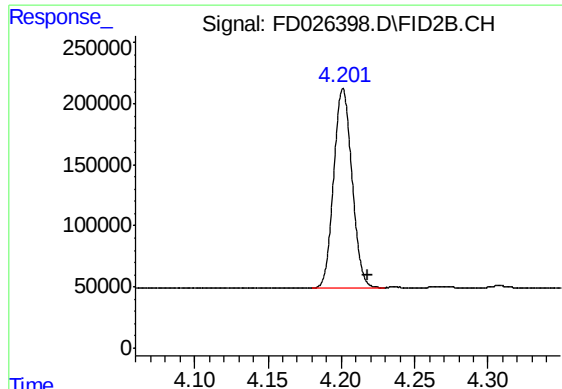
(m)=manual int.

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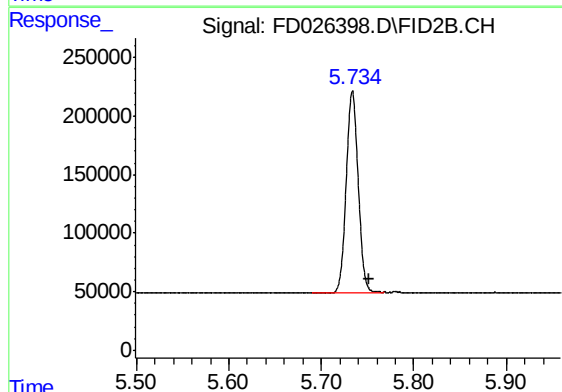
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





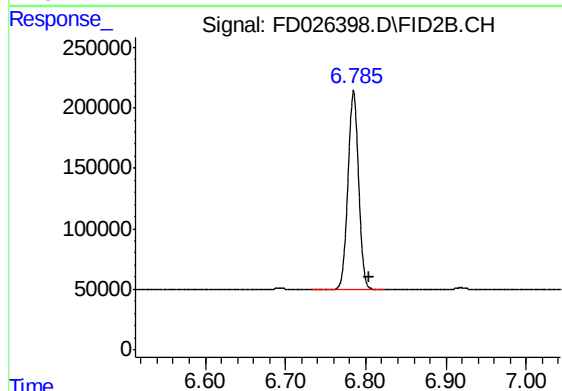
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.201 min
Delta R.T.: -0.017 min
Response: 1412013
Conc: 17.65 ug/ml



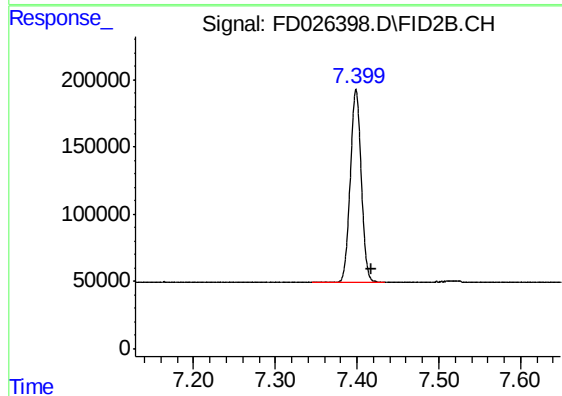
#2 Naphthalene (C11.7)

R.T.: 5.734 min
Delta R.T.: -0.018 min
Response: 1538539
Conc: 17.90 ug/ml



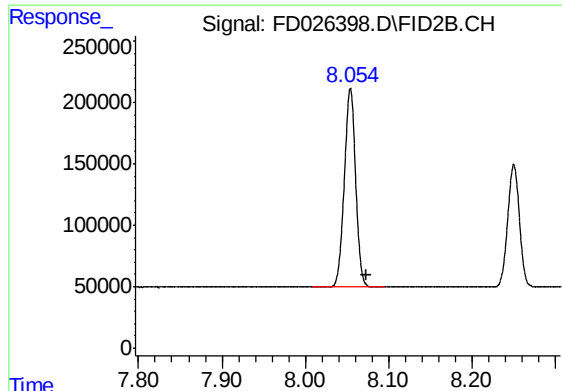
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.785 min
Delta R.T.: -0.019 min
Response: 1517198
Conc: 18.06 ug/ml



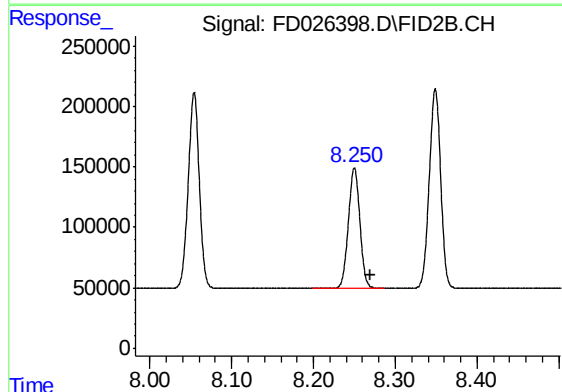
#4 2-Bromonaphthalene (SURR)

R.T.: 7.399 min
Delta R.T.: -0.019 min
Response: 1331135
Conc: 18.01 ug/ml



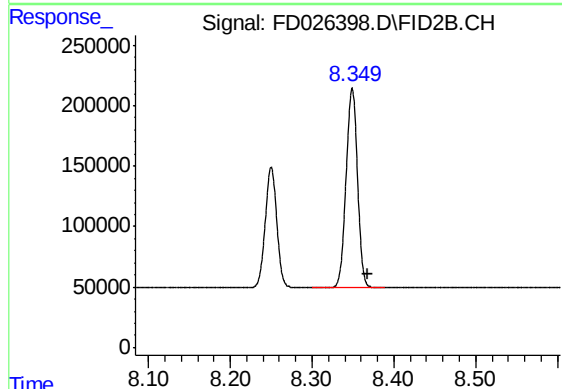
#5 Acenaphthylene (C15.06)

R.T.: 8.054 min
Delta R.T.: -0.019 min
Response: 1522675
Conc: 18.75 ug/ml



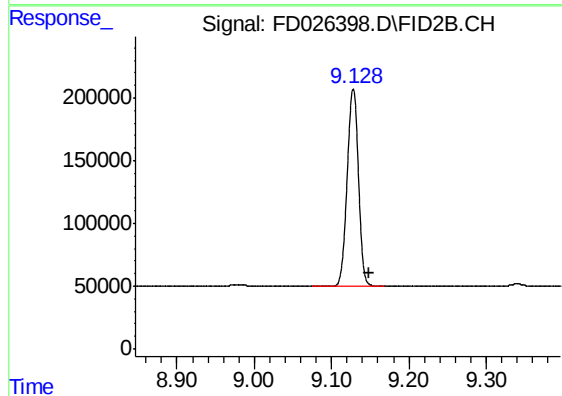
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.250 min
Delta R.T.: -0.020 min
Response: 968758
Conc: 18.87 ug/ml



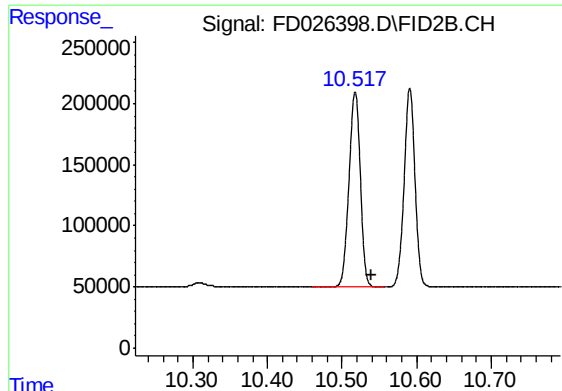
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: -0.019 min
Response: 1592123
Conc: 18.79 ug/ml



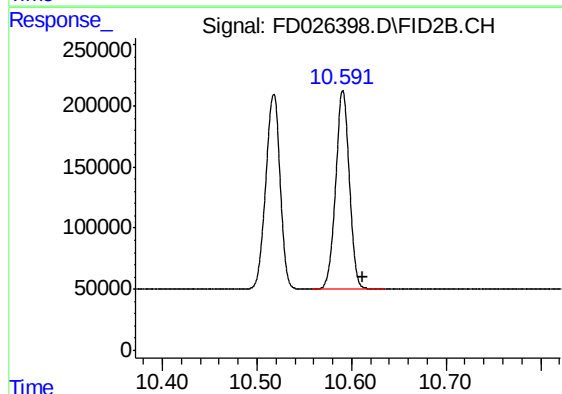
#8 Flouorene (C16.55)

R.T.: 9.128 min
Delta R.T.: -0.020 min
Response: 1603076
Conc: 19.01 ug/ml



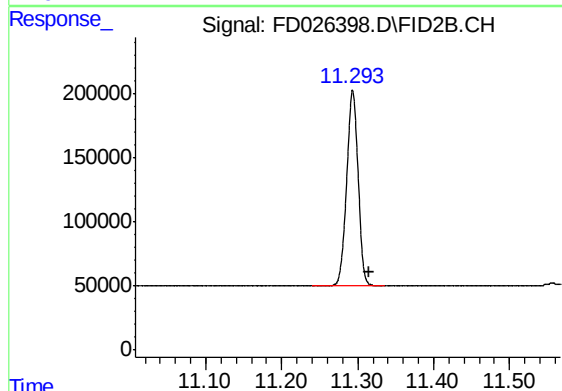
#9 Phenanthrene (C19.36)

R.T.: 10.518 min
Delta R.T.: -0.021 min
Response: 1691076
Conc: 20.06 ug/ml



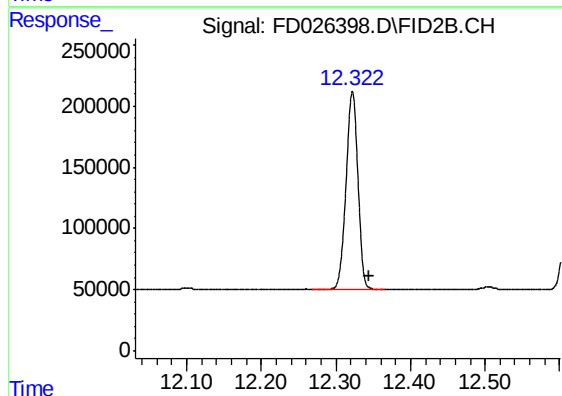
#10 Anthracene (C19.43)

R.T.: 10.591 min
Delta R.T.: -0.021 min
Response: 1634790
Conc: 19.88 ug/ml



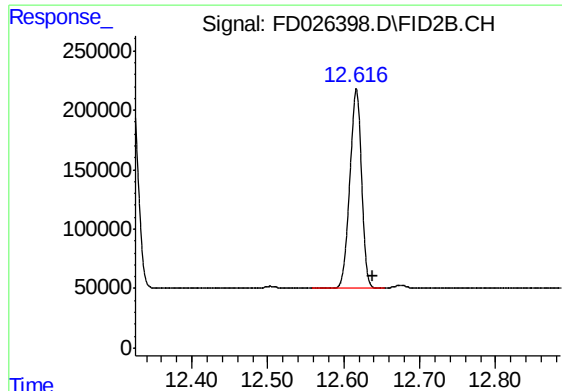
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.022 min
Response: 1580146
Conc: 20.00 ug/ml



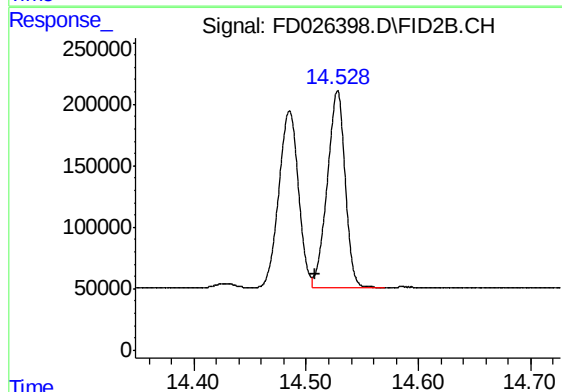
#12 Fluoranthene (C21.85)

R.T.: 12.322 min
Delta R.T.: -0.022 min
Response: 1777261
Conc: 20.88 ug/ml



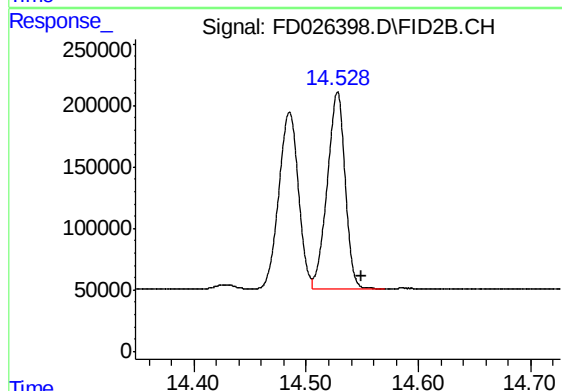
#13 Pyrene (C20.8)

R.T.: 12.617 min
Delta R.T.: -0.022 min
Response: 1799186
Conc: 20.99 ug/ml



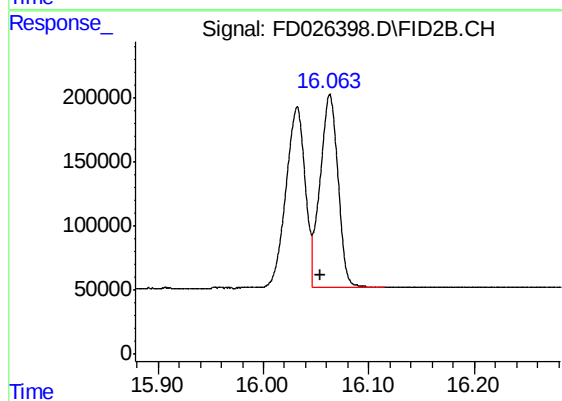
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: 0.020 min
Response: 1765071
Conc: 21.22 ug/ml



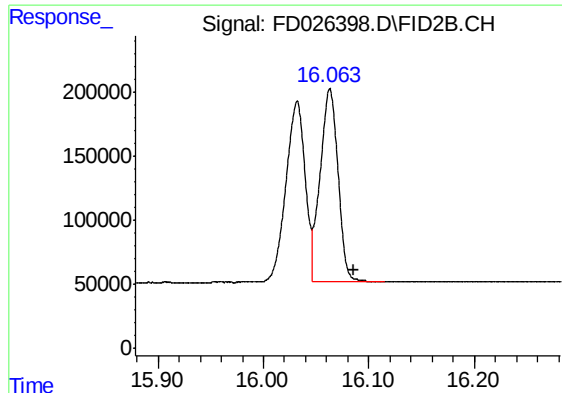
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: -0.021 min
Response: 1765071
Conc: 21.01 ug/ml



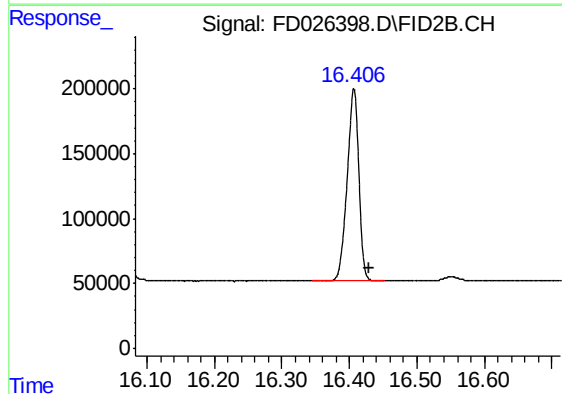
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min
Delta R.T.: 0.009 min
Response: 1791221
Conc: 20.02 ug/ml



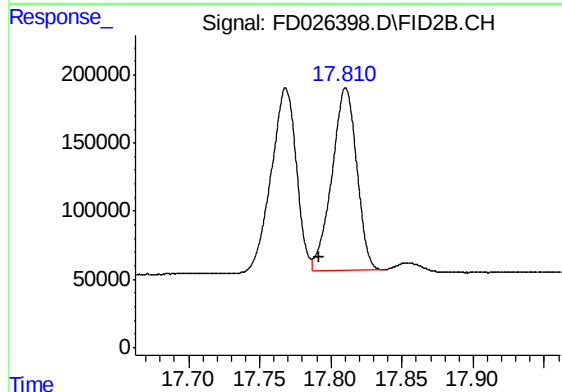
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.063 min
Delta R.T.: -0.023 min
Response: 1791221
Conc: 20.09 ug/ml



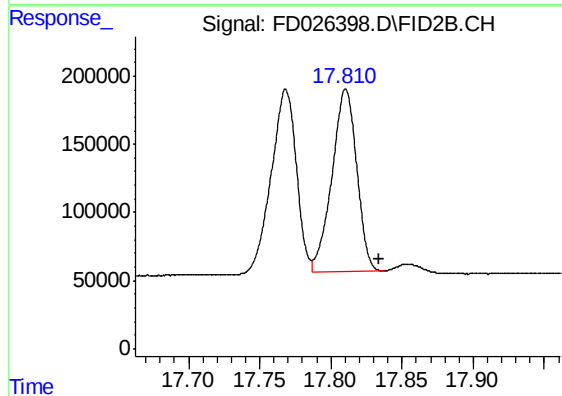
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: -0.023 min
Response: 1768899
Conc: 19.62 ug/ml



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

R.T.: 17.811 min
Delta R.T.: 0.019 min
Response: 1628611
Conc: 17.38 ug/ml



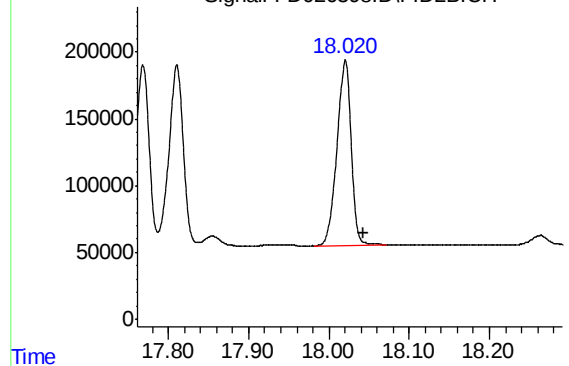
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.811 min
Delta R.T.: -0.024 min
Response: 1628611
Conc: 17.97 ug/ml

Response_

Signal: FD026398.D\FID2B.CH

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



R.T.: 18.021 min
Delta R.T.: -0.023 min
Response: 1706660
Conc: 17.73 ug/ml