

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061522AR\
 Data File : FD042916.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2022 13:04
 Operator : UA/NP
 Sample : N3304-05DL 2X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14A-1A-6DL

Integration File: autoint1.e
 Quant Time: Jun 15 14:43:13 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...	7.655	1750274	11.454 ug/ml
Spiked Amount 50.000		Recovery =	22.91%
6) S 2-Fluorobiphenyl (SURR)	8.519	939861	9.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.28%
11) S ortho-Terphenyl (SURR)	11.568	1397912	7.875 ug/ml
Spiked Amount 50.000		Recovery =	15.75%
Target Compounds			
2) T Naphthalene (C11.7)	5.993	75676	0.438 ug/ml
3) T 2-Methylnaphthalene (...)	7.043	281373	1.764 ug/ml
7) T Acenaphthene (C15.5)	8.634	173099	1.006 ug/ml
8) T Fluorene (C16.55)	9.410	276761	1.649 ug/ml
9) T Phenanthrene (C19.36)	10.799	280371	1.705 ug/ml
10) T Anthracene (C19.43)	10.881	241095	1.577 ug/ml
12) T Fluoranthene (C21.85)	12.616	339523	2.155 ug/ml
13) T Pyrene (C20.8)	12.911	353719	2.272 ug/ml
14) T Benzo[a]anthracene (C...	14.786	254691	1.910 ug/ml
15) T Chrysene (C27.41)	14.825	315832	2.391 ug/ml
16) T benzo[b]fluoranthene ...	16.342	362751	2.723 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	362751	2.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.712	493733	3.989 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.069	133819	1.201 ug/ml
20) T Dibenz[a,h]anthracene...	18.130	129083	1.160 ug/ml
21) T Benzo[g,h,i]perylene ...	18.335	84528	0.711 ug/ml

(f)=RT Delta > 1/2 Window

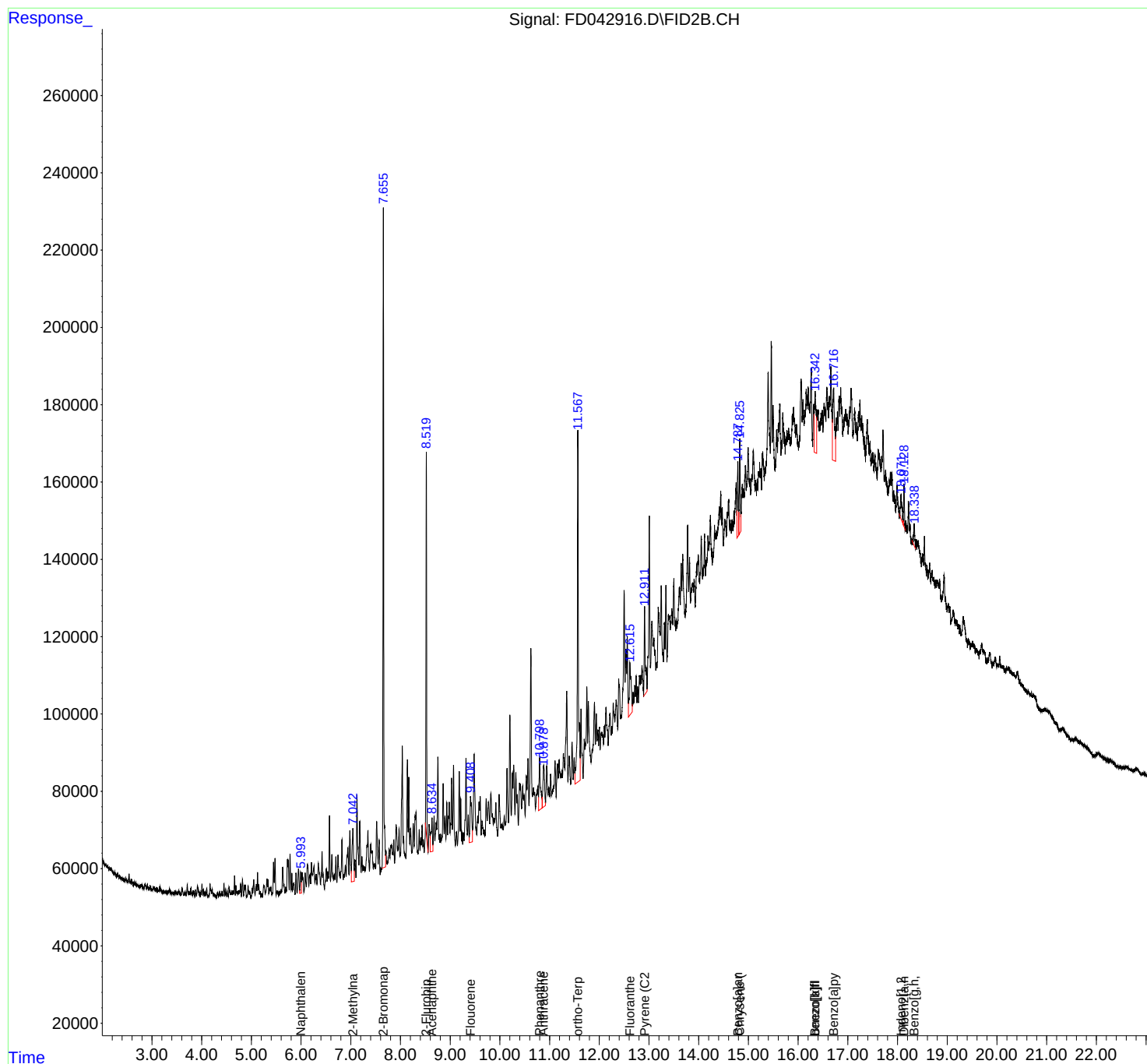
(m)=manual int.

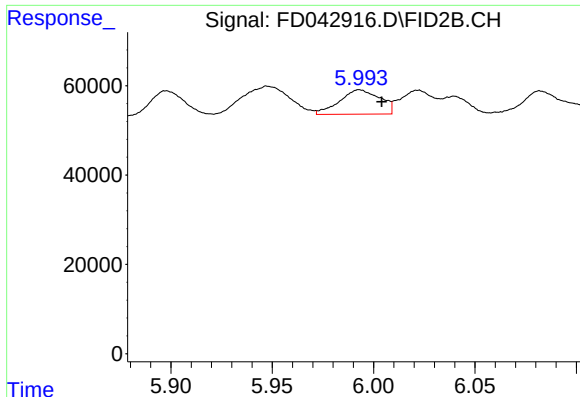
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Signal Info : 20M x 0.18mm x 0.18µm

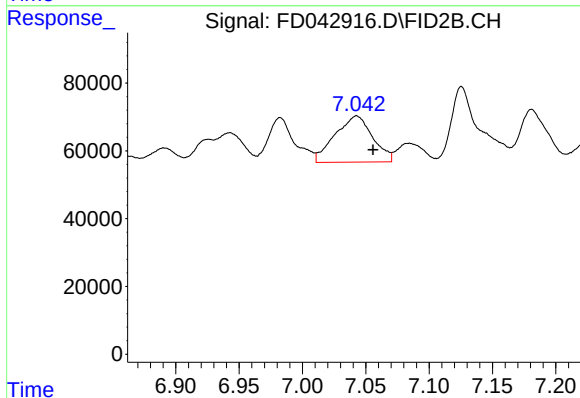




#2 Naphthalene (C11.7)

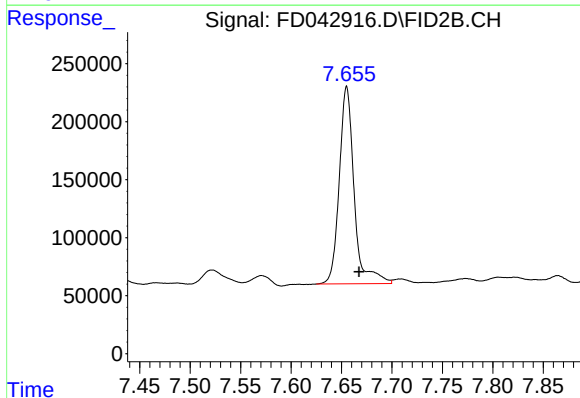
R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 75676
Conc: 0.44 ug/ml

Instrument :
FID_D
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WC-14A-1A-6DL



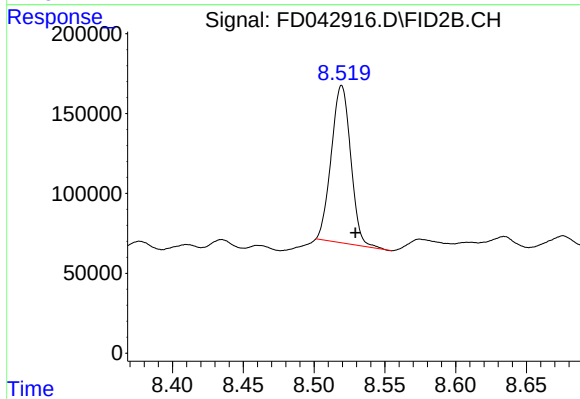
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: -0.013 min
Response: 281373
Conc: 1.76 ug/ml



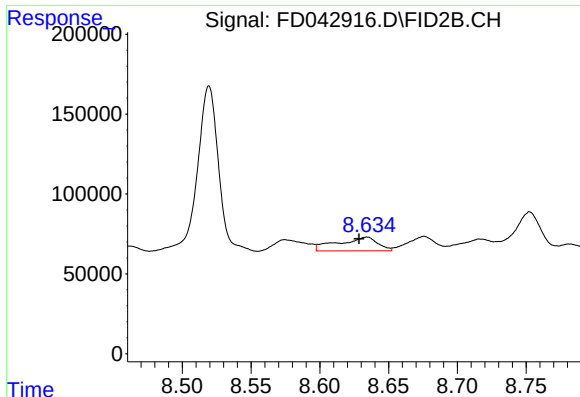
#4 2-Bromonaphthalene (SURR)

R.T.: 7.655 min
Delta R.T.: -0.012 min
Response: 1750274
Conc: 11.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

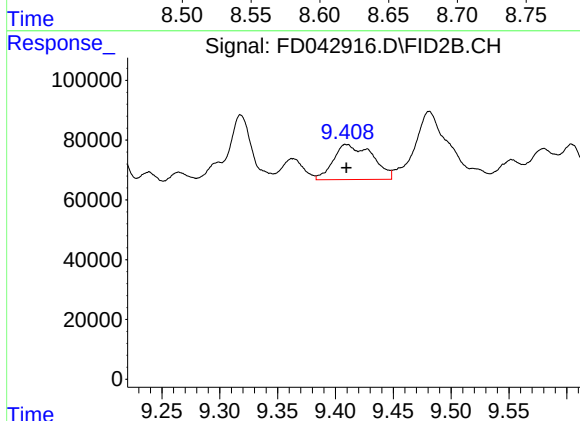
R.T.: 8.519 min
Delta R.T.: -0.010 min
Response: 939861
Conc: 9.14 ug/ml



#7 Acenaphthene (C15.5)

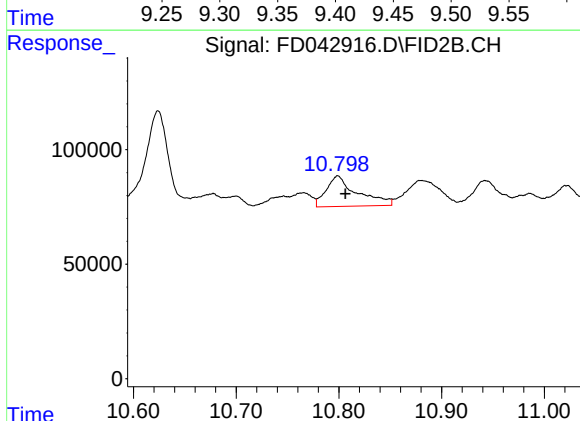
R.T.: 8.634 min
Delta R.T.: 0.005 min
Response: 173099
Conc: 1.01 ug/ml

Instrument :
FID_D
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WC-14A-1A-6DL



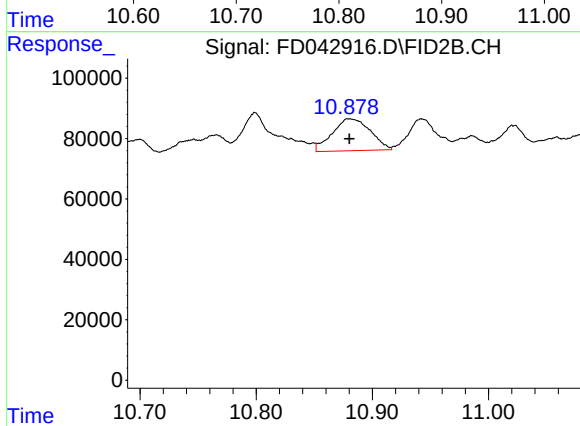
#8 Flouorene (C16.55)

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 276761
Conc: 1.65 ug/ml



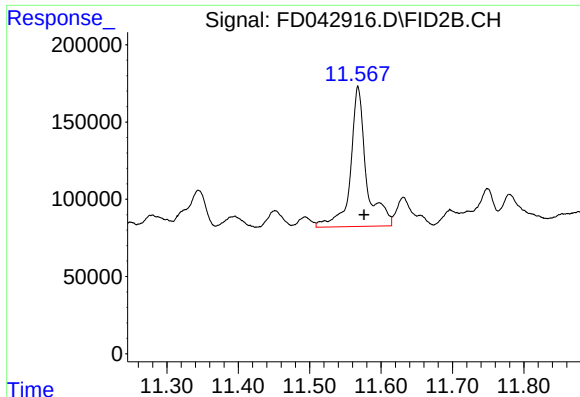
#9 Phenanthrene (C19.36)

R.T.: 10.799 min
Delta R.T.: -0.008 min
Response: 280371
Conc: 1.70 ug/ml



#10 Anthracene (C19.43)

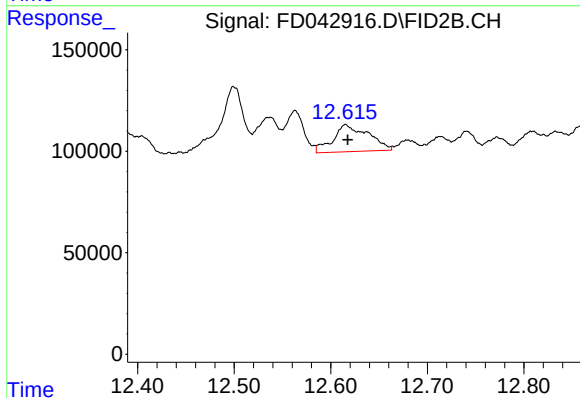
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 241095
Conc: 1.58 ug/ml



#11 ortho-Terphenyl (SURR)

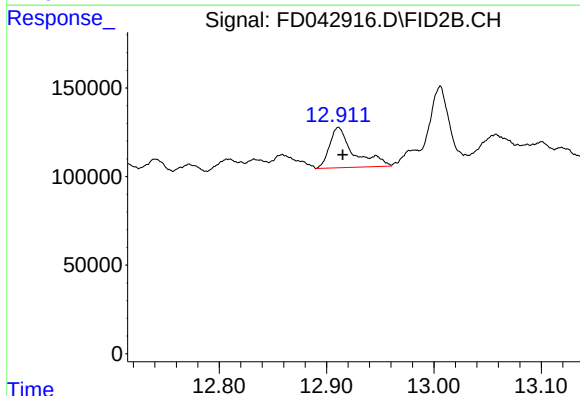
R.T.: 11.568 min
Delta R.T.: -0.008 min
Response: 1397912
Conc: 7.87 ug/ml

Instrument :
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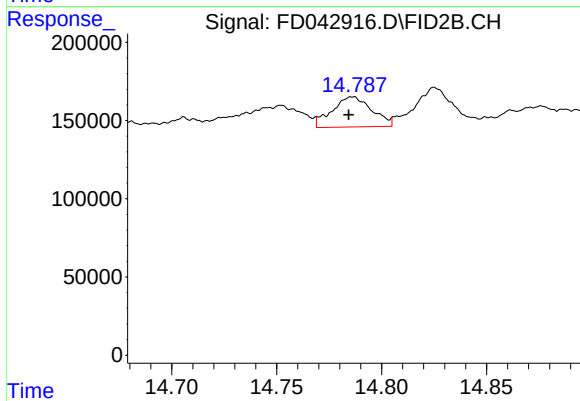
#12 Fluoranthene (C21.85)

R.T.: 12.616 min
Delta R.T.: -0.002 min
Response: 339523
Conc: 2.16 ug/ml



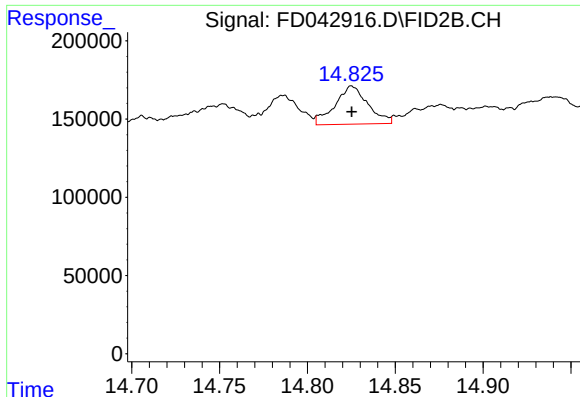
#13 Pyrene (C20.8)

R.T.: 12.911 min
Delta R.T.: -0.004 min
Response: 353719
Conc: 2.27 ug/ml



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

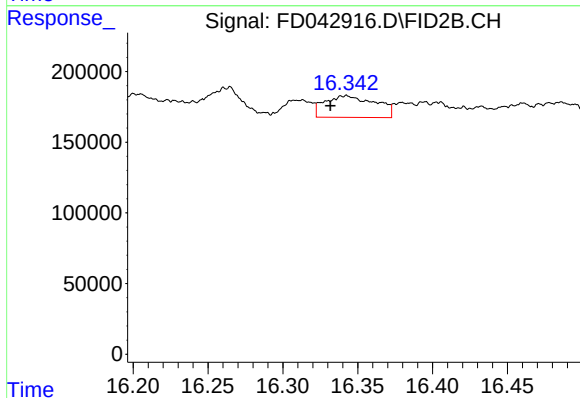
R.T.: 14.786 min
Delta R.T.: 0.002 min
Response: 254691
Conc: 1.91 ug/ml



#15 Chrysene (C27.41)

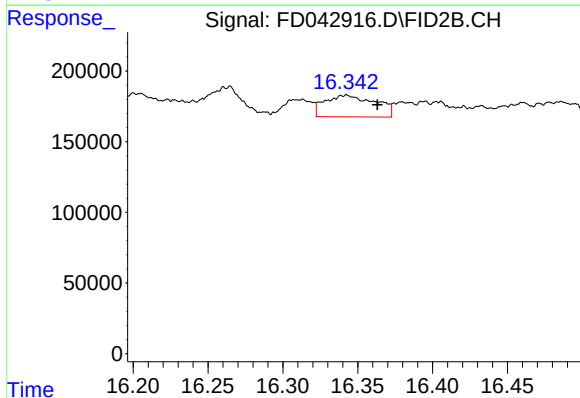
R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 315832
Conc: 2.39 ug/ml

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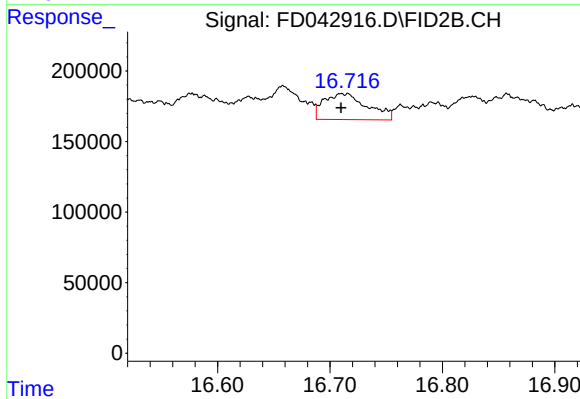
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.342 min
Delta R.T.: 0.010 min
Response: 362751
Conc: 2.72 ug/ml



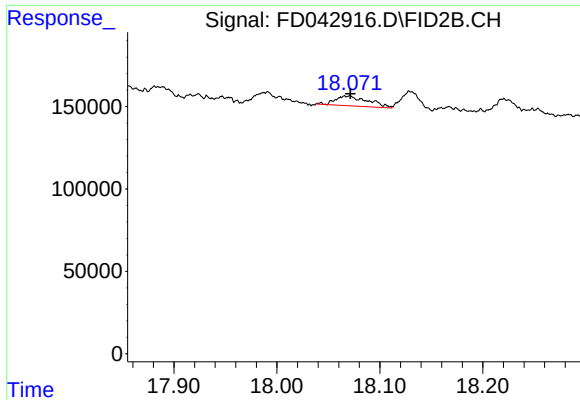
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.342 min
Delta R.T.: -0.021 min
Response: 362751
Conc: 2.93 ug/ml



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

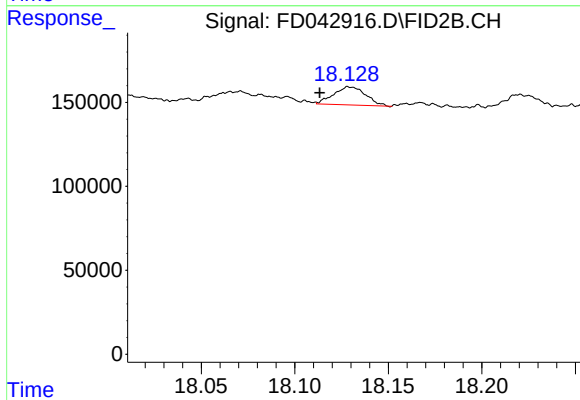
R.T.: 16.712 min
Delta R.T.: 0.003 min
Response: 493733
Conc: 3.99 ug/ml



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

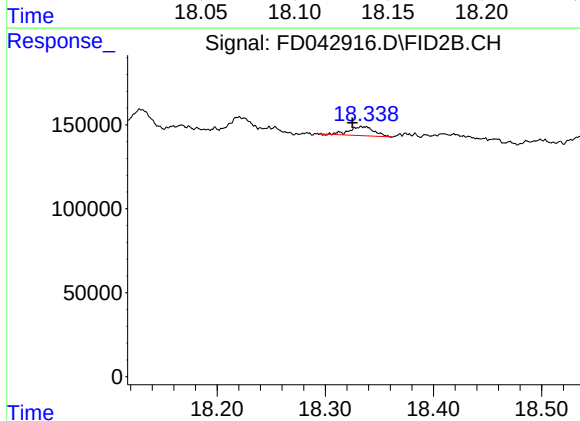
R.T.: 18.069 min
Delta R.T.: -0.003 min
Response: 133819
Conc: 1.20 ug/ml

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

R.T.: 18.130 min
Delta R.T.: 0.017 min
Response: 129083
Conc: 1.16 ug/ml



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

R.T.: 18.335 min
Delta R.T.: 0.010 min
Response: 84528
Conc: 0.71 ug/ml