

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048118.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 19:05
 Operator : YP/AJ
 Sample : P3390-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 02 04:27:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.405	7161113	48.182 ug/ml
Spiked Amount 50.000		Recovery =	96.36%
6) S 2-Fluorobiphenyl (SURR)	8.255	4659373	49.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.46%
11) S ortho-Terphenyl (SURR)	11.294	7263232	43.410 ug/ml
Spiked Amount 50.000		Recovery =	86.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	296832	1.773 ug/ml
2) T Naphthalene (C11.7)	5.747	311522	1.803 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	344853	1.988 ug/ml
5) T Acenaphthylene (C15.06)	8.058	351879	2.053 ug/ml
7) T Acenaphthene (C15.5)	8.351	379928	2.190 ug/ml
8) T Flouorene (C16.55)	9.132	344947	2.124 ug/ml
9) T Phenanthrene (C19.36)	10.520	305786	1.925 ug/ml
10) T Anthracene (C19.43)	10.597	299282	1.895 ug/ml
12) T Fluoranthene (C21.85)	12.325	319414	2.017 ug/ml
13) T Pyrene (C20.8)	12.618	326807	2.067 ug/ml
14) T Benzo[a]anthracene (C...	14.491	250840	1.837 ug/ml
15) T Chrysene (C27.41)	14.530	317301	1.968 ug/ml
16) T benzo[b]fluoranthene ...	16.035	267207	1.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	341813	2.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.418	279969	1.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	224612	1.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	308899	2.125 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	255023	1.730 ug/ml

(f)=RT Delta > 1/2 Window

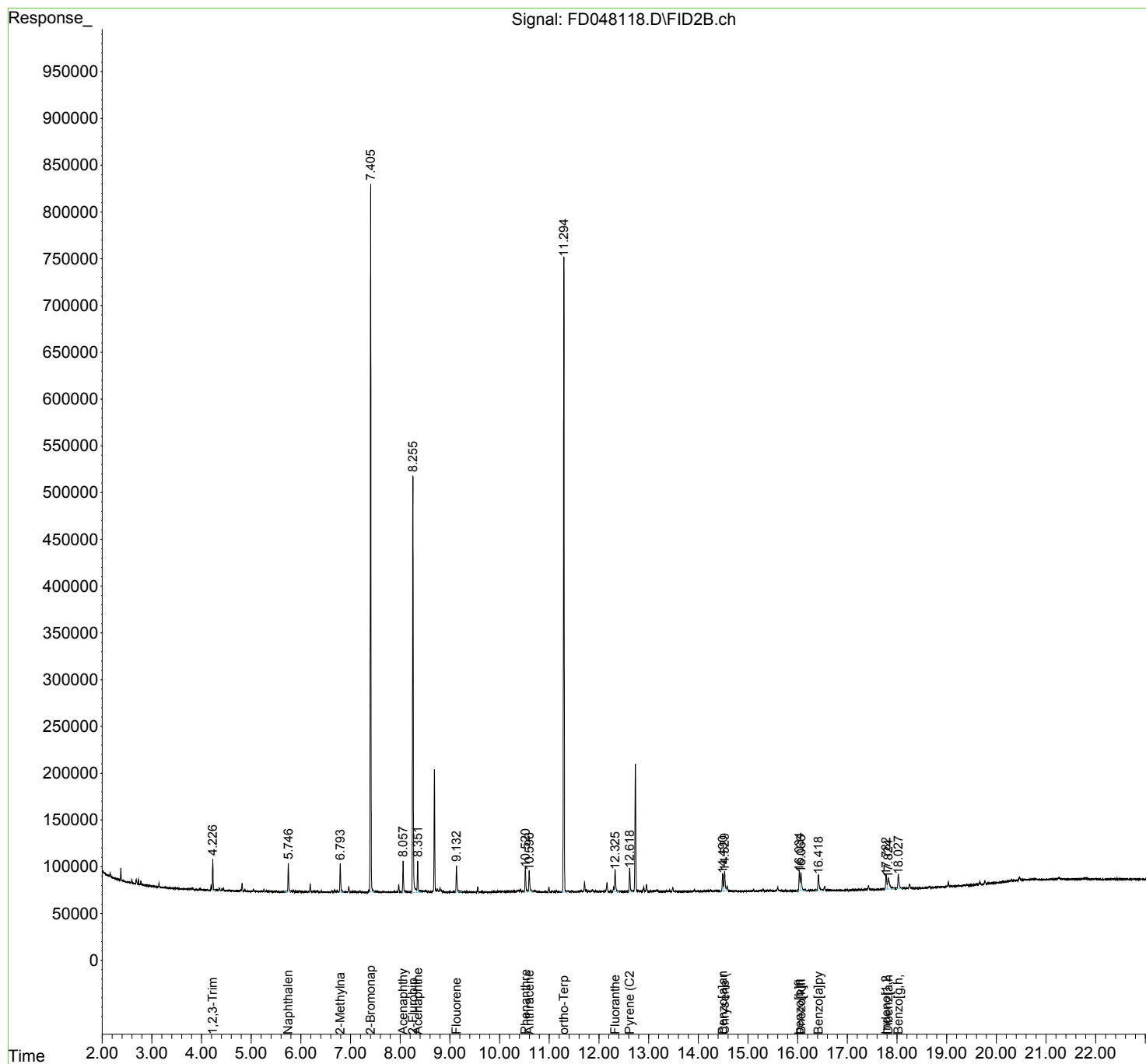
(m)=manual int.

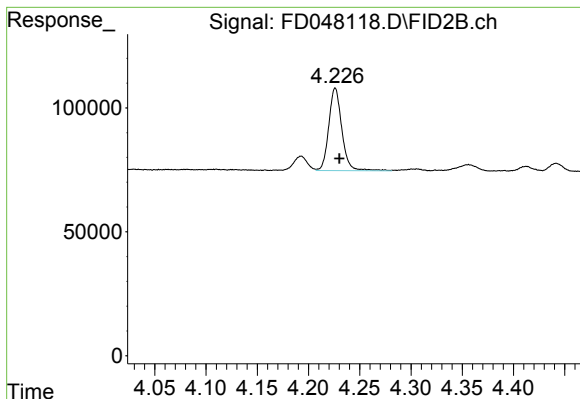
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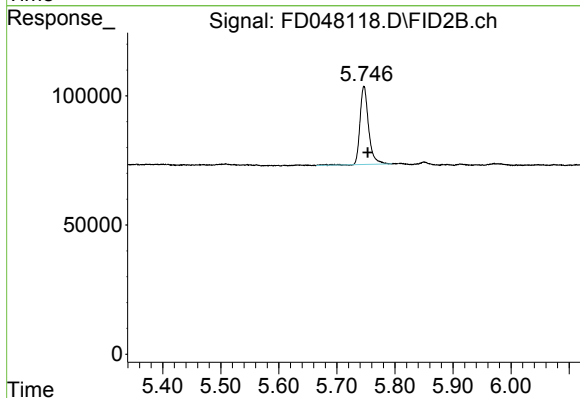




#1 1,2,3-Trimethylbenzene (C10.1)

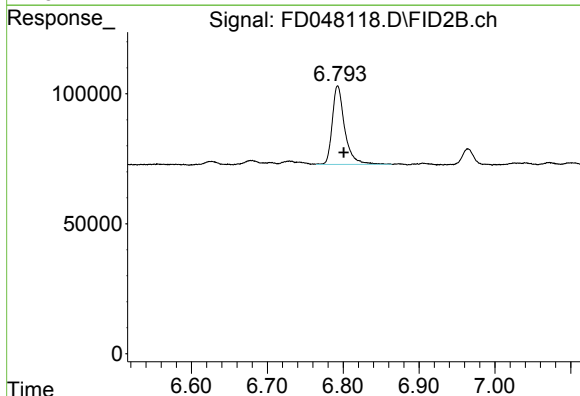
R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 296832
Conc: 1.77 ug/ml

Instrument :
FID_D
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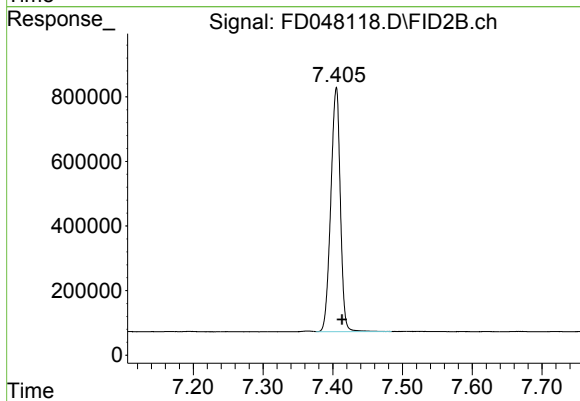
#2 Naphthalene (C11.7)

R.T.: 5.747 min
Delta R.T.: -0.006 min
Response: 311522
Conc: 1.80 ug/ml



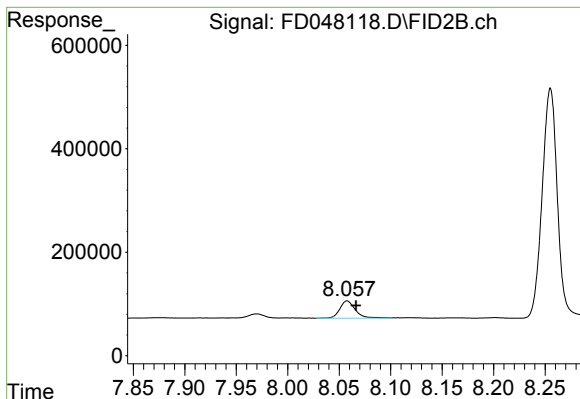
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.793 min
Delta R.T.: -0.008 min
Response: 344853
Conc: 1.99 ug/ml



#4 2-Bromonaphthalene (SURR)

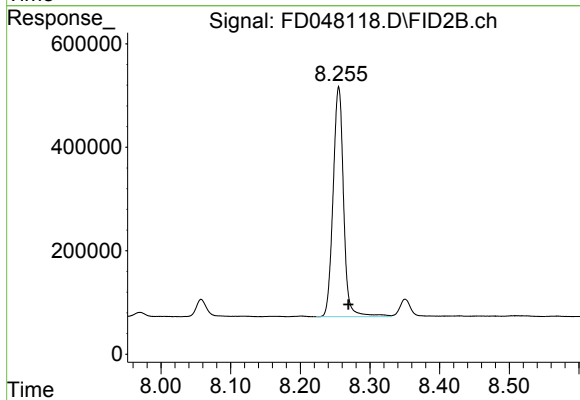
R.T.: 7.405 min
Delta R.T.: -0.009 min
Response: 7161113
Conc: 48.18 ug/ml



#5 Acenaphthylene (C15.06)

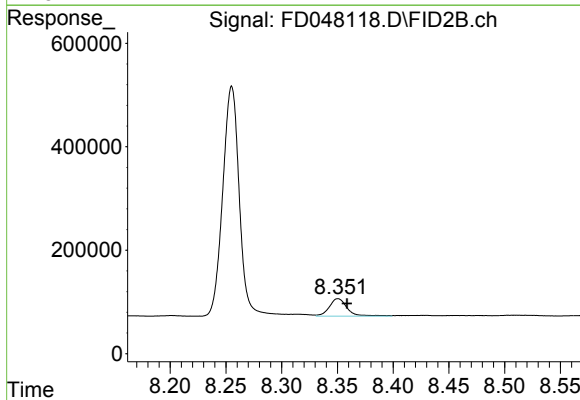
R.T.: 8.058 min
Delta R.T.: -0.008 min
Response: 351879
Conc: 2.05 ug/ml

Instrument :
FID_D
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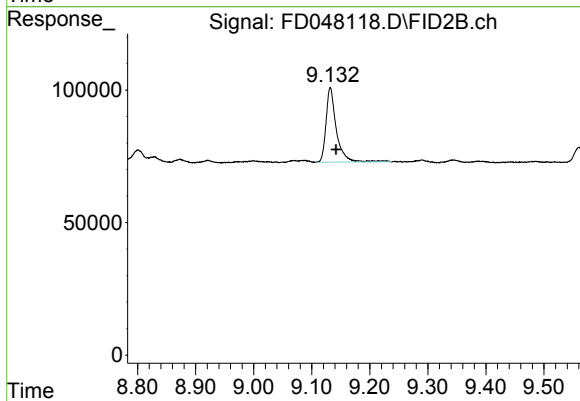
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 4659373
Conc: 49.23 ug/ml



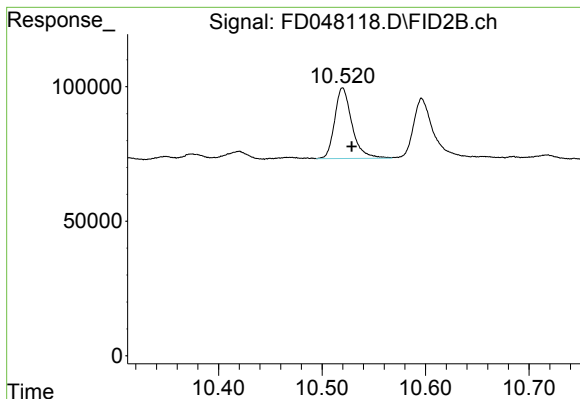
#7 Acenaphthene (C15.5)

R.T.: 8.351 min
Delta R.T.: -0.008 min
Response: 379928
Conc: 2.19 ug/ml



#8 Fluorene (C16.55)

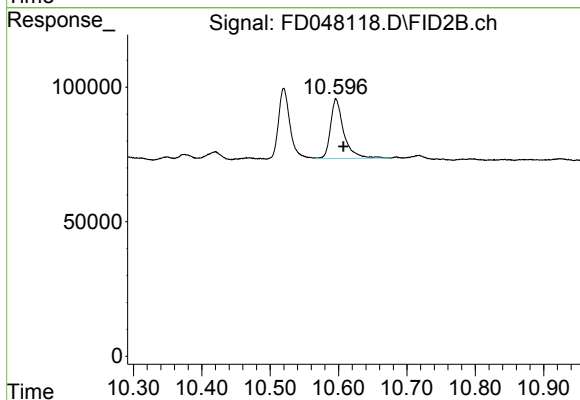
R.T.: 9.132 min
Delta R.T.: -0.010 min
Response: 344947
Conc: 2.12 ug/ml



#9 Phenanthrene (C19.36)

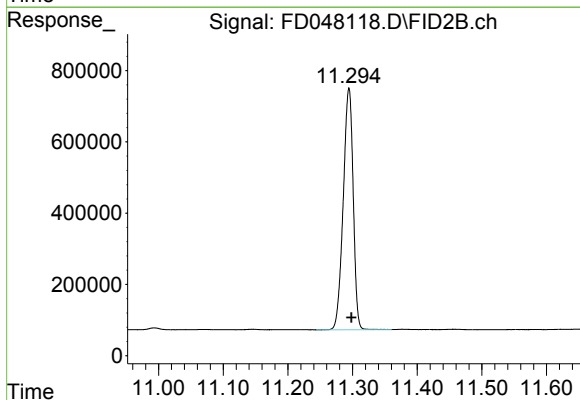
R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 305786
Conc: 1.93 ug/ml

Instrument :
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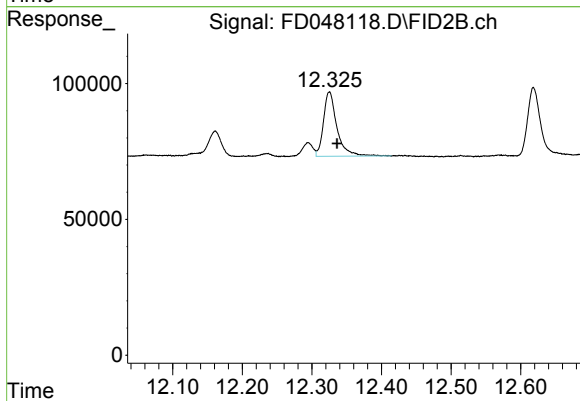
#10 Anthracene (C19.43)

R.T.: 10.597 min
Delta R.T.: -0.011 min
Response: 299282
Conc: 1.90 ug/ml



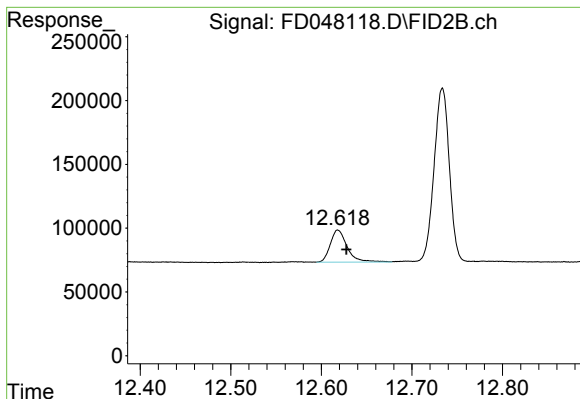
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.004 min
Response: 7263232
Conc: 43.41 ug/ml



#12 Fluoranthene (C21.85)

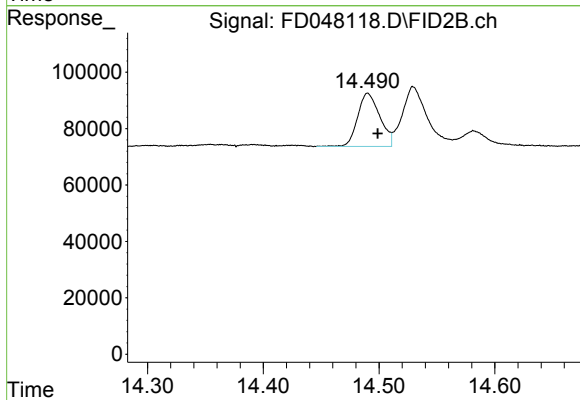
R.T.: 12.325 min
Delta R.T.: -0.011 min
Response: 319414
Conc: 2.02 ug/ml



#13 Pyrene (C20.8)

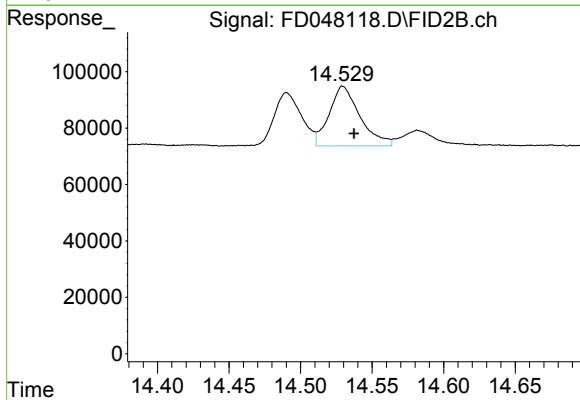
R.T.: 12.618 min
Delta R.T.: -0.009 min
Response: 326807
Conc: 2.07 ug/ml

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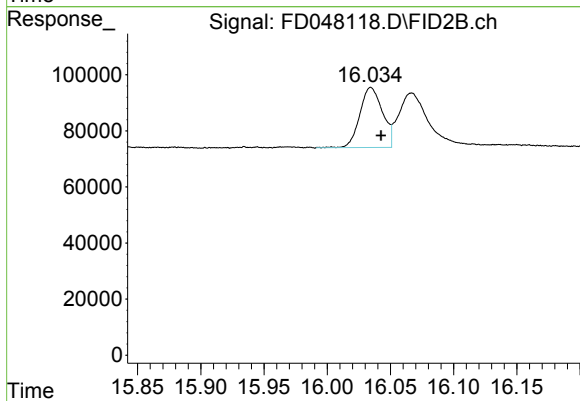
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min
Delta R.T.: -0.008 min
Response: 250840
Conc: 1.84 ug/ml



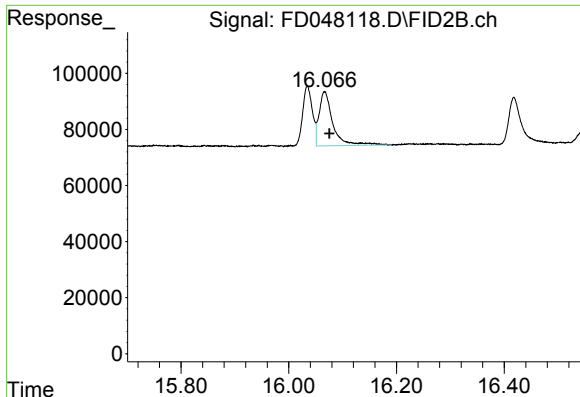
#15 Chrysene (C27.41)

R.T.: 14.530 min
Delta R.T.: -0.008 min
Response: 317301
Conc: 1.97 ug/ml



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

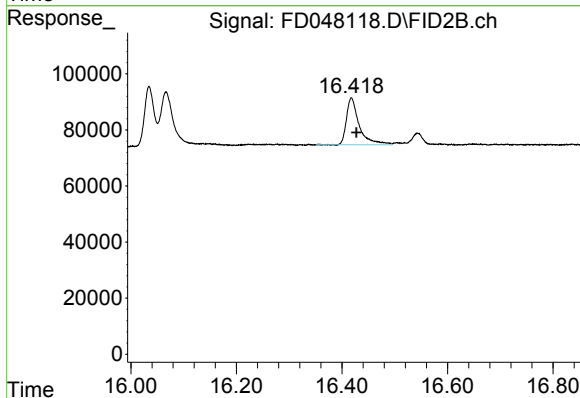
R.T.: 16.035 min
Delta R.T.: -0.008 min
Response: 267207
Conc: 1.86 ug/ml



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

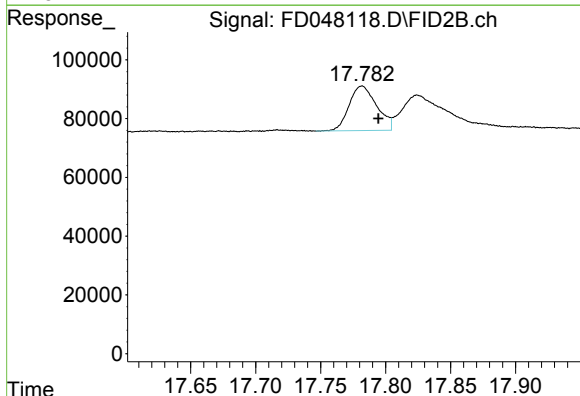
R.T.: 16.067 min
Delta R.T.: -0.009 min
Response: 341813
Conc: 2.29 ug/ml

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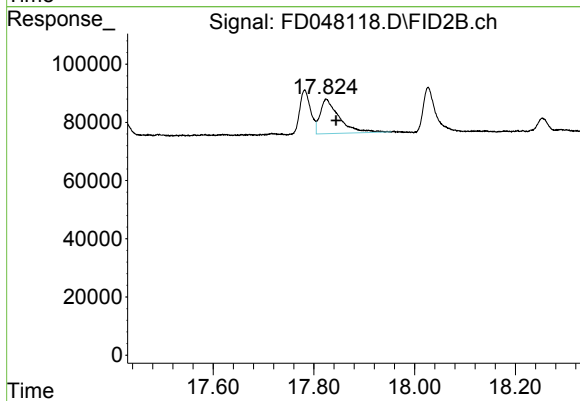
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.418 min
Delta R.T.: -0.009 min
Response: 279969
Conc: 1.98 ug/ml



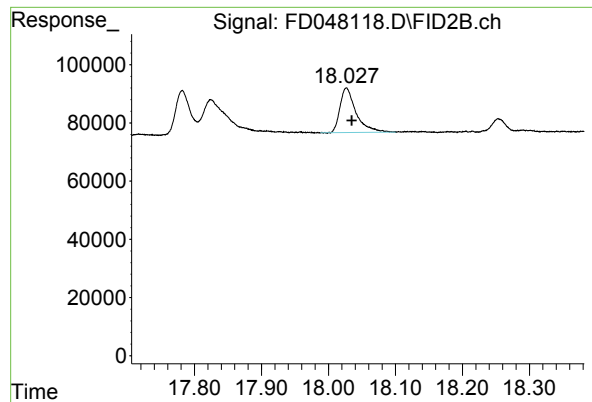
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: -0.013 min
Response: 224612
Conc: 1.99 ug/ml



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

R.T.: 17.825 min
Delta R.T.: -0.019 min
Response: 308899
Conc: 2.13 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.008 min
Response: 255023
Conc: 1.73 ug/ml

Instrument :
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