

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070324AR\
 Data File : FD047989.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2024 09:08
 Operator : YP/AJ
 Sample : PB161882BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161882BSD

Integration File: autoint1.e
 Quant Time: Jul 04 04:39:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.414	7575113	52.088 ug/ml
Spiked Amount 50.000		Recovery =	104.18%
6) S 2-Fluorobiphenyl (SURR)	8.266	5041533	51.757 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.51%
11) S ortho-Terphenyl (SURR)	11.303	7039060	41.886 ug/ml
Spiked Amount 50.000		Recovery =	83.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	7045298	43.836 ug/ml
2) T Naphthalene (C11.7)	5.753	8027406	47.404 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	8384159	48.691 ug/ml
5) T Acenaphthylene (C15.06)	8.070	8685085	51.709 ug/ml
7) T Acenaphthene (C15.5)	8.365	8685601	51.244 ug/ml
8) T Flouorene (C16.55)	9.144	8885951	53.515 ug/ml
9) T Phenanthrene (C19.36)	10.533	9232012	56.392 ug/ml
10) T Anthracene (C19.43)	10.608	9163579	56.342 ug/ml
12) T Fluoranthene (C21.85)	12.339	10568701	64.181 ug/ml
13) T Pyrene (C20.8)	12.633	9612460	58.953 ug/ml
14) T Benzo[a]anthracene (C...	14.502	9052544	59.014 ug/ml
15) T Chrysene (C27.41)	14.546	9036006	55.250 ug/ml
16) T benzo[b]fluoranthene ...	16.049	8872786	57.747 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	8834006	58.979 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.426	8402224	55.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	8842148	67.246 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	8245724	52.063 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	8043103	53.503 ug/ml

(f)=RT Delta > 1/2 Window

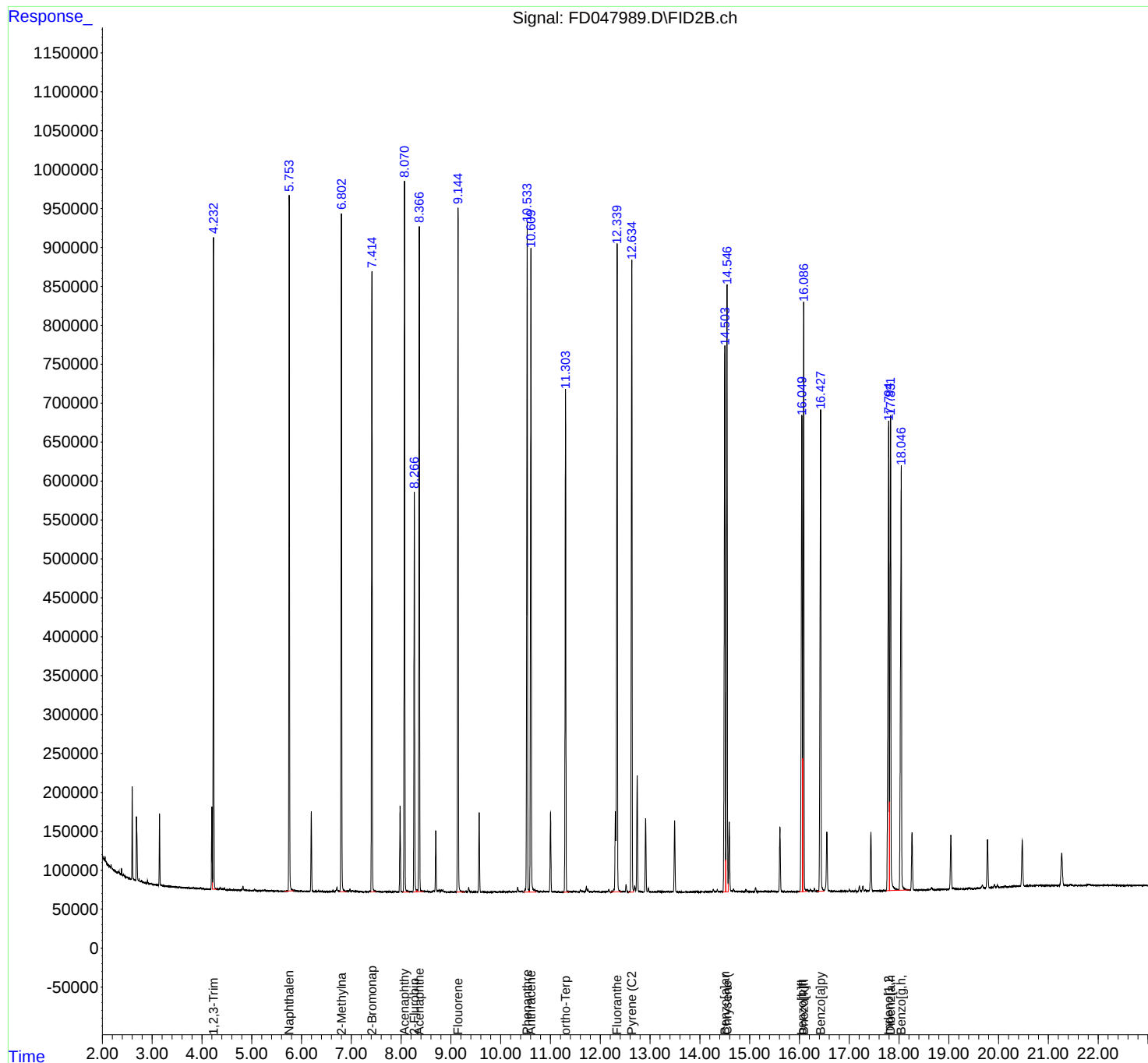
(m)=manual int.

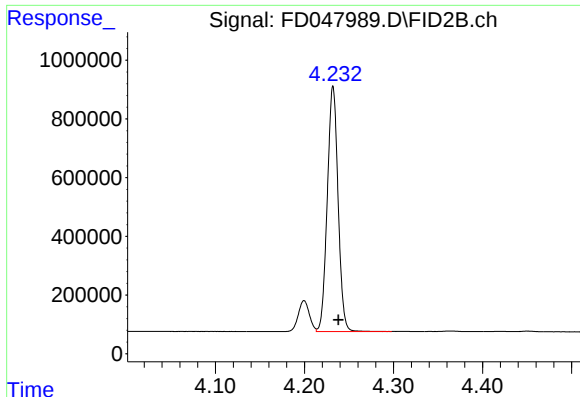
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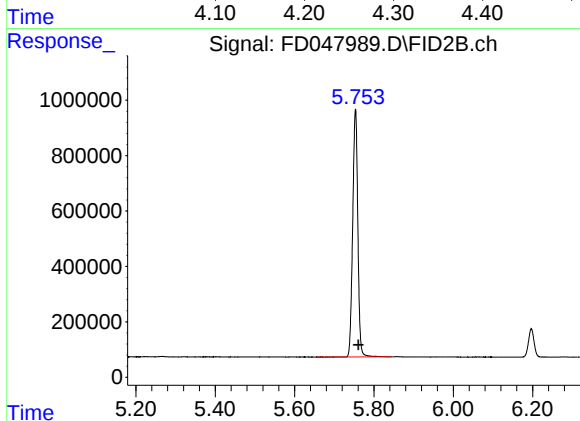




#1 1,2,3-Trimethylbenzene (C10.1)

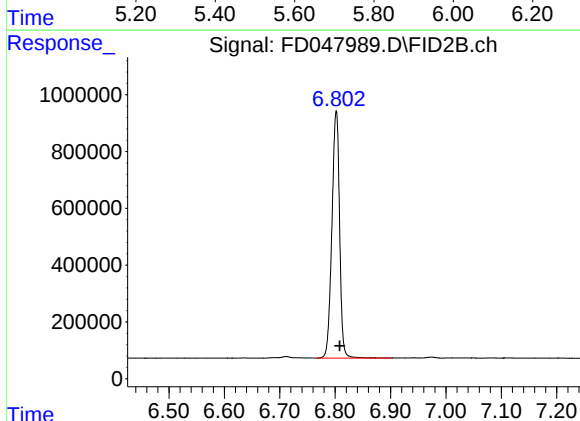
R.T.: 4.232 min
Delta R.T.: -0.006 min
Response: 7045298
Conc: 43.84 ug/ml

Instrument :
FID_D
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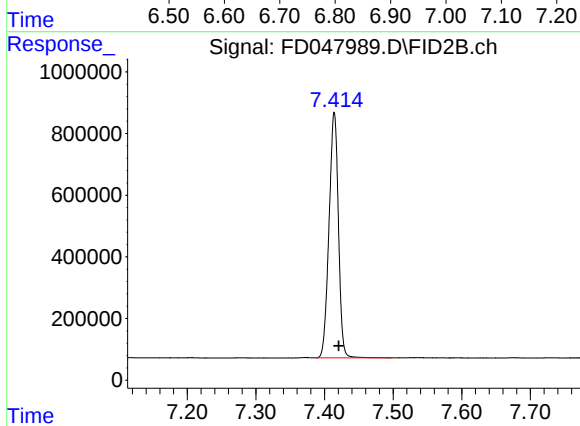
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.007 min
Response: 8027406
Conc: 47.40 ug/ml



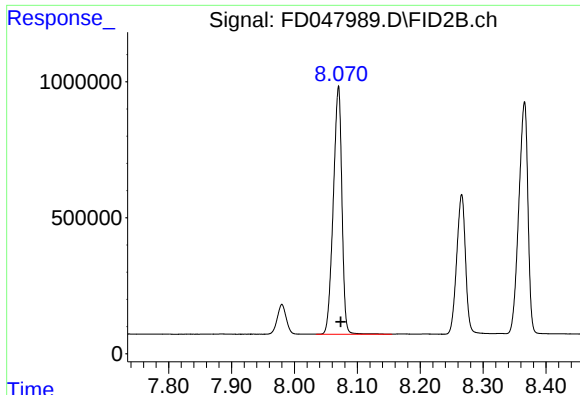
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 8384159
Conc: 48.69 ug/ml



#4 2-Bromonaphthalene (SURR)

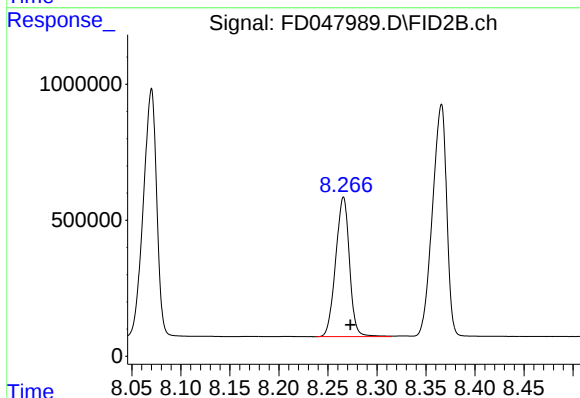
R.T.: 7.414 min
Delta R.T.: -0.007 min
Response: 7575113
Conc: 52.09 ug/ml



#5 Acenaphthylene (C15.06)

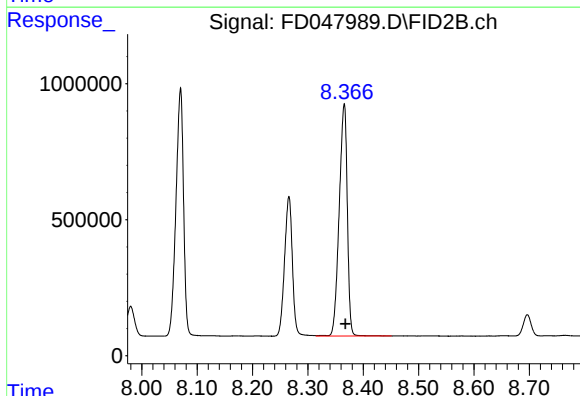
R.T.: 8.070 min
Delta R.T.: -0.004 min
Response: 8685085
Conc: 51.71 ug/ml

Instrument :
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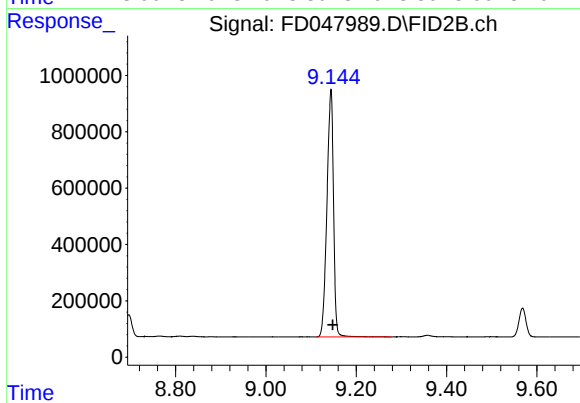
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.007 min
Response: 5041533
Conc: 51.76 ug/ml



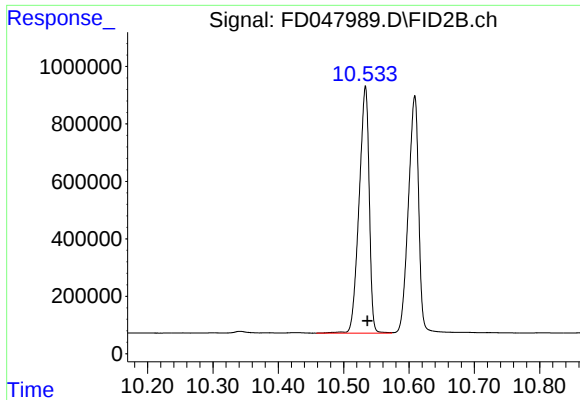
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 8685601
Conc: 51.24 ug/ml



#8 Fluorene (C16.55)

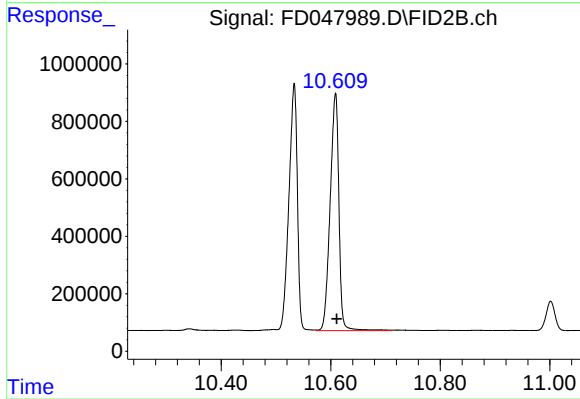
R.T.: 9.144 min
Delta R.T.: -0.005 min
Response: 8885951
Conc: 53.52 ug/ml



#9 Phenanthrene (C19.36)

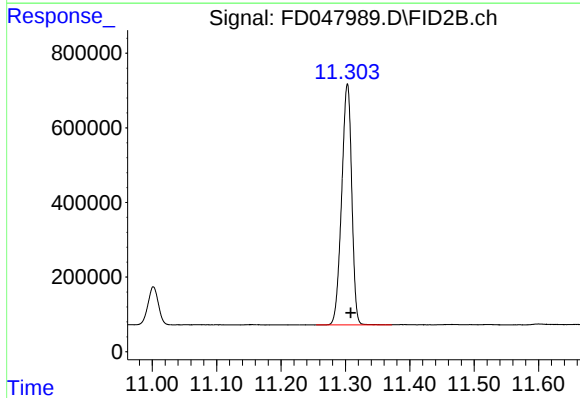
R.T.: 10.533 min
Delta R.T.: -0.003 min
Response: 9232012
Conc: 56.39 ug/ml

Instrument :
FID_D
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PB161882BSD



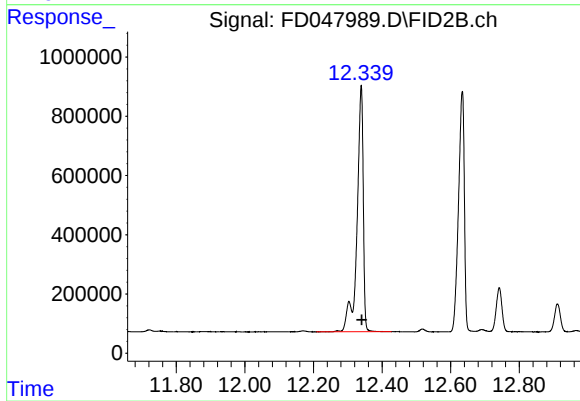
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.003 min
Response: 9163579
Conc: 56.34 ug/ml



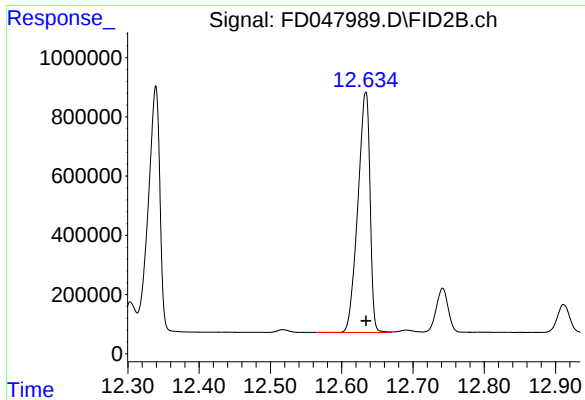
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 7039060
Conc: 41.89 ug/ml



#12 Fluoranthene (C21.85)

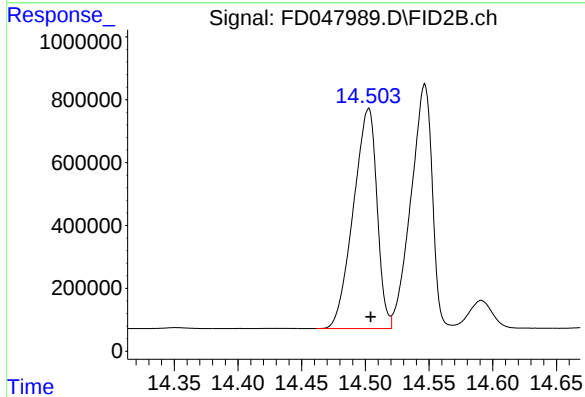
R.T.: 12.339 min
Delta R.T.: -0.002 min
Response: 10568701
Conc: 64.18 ug/ml



#13 Pyrene (C20.8)

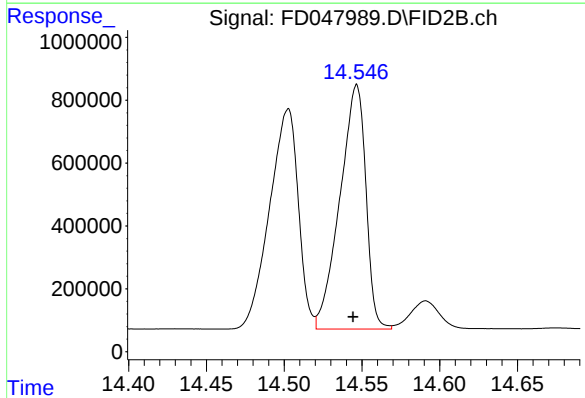
R.T.: 12.633 min
Delta R.T.: -0.001 min
Response: 9612460
Conc: 58.95 ug/ml

Instrument :
FID_D
ClientSampleId :
PB161882BSD



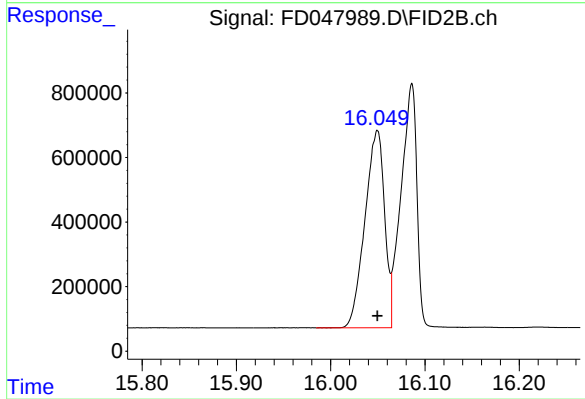
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.002 min
Response: 9052544
Conc: 59.01 ug/ml



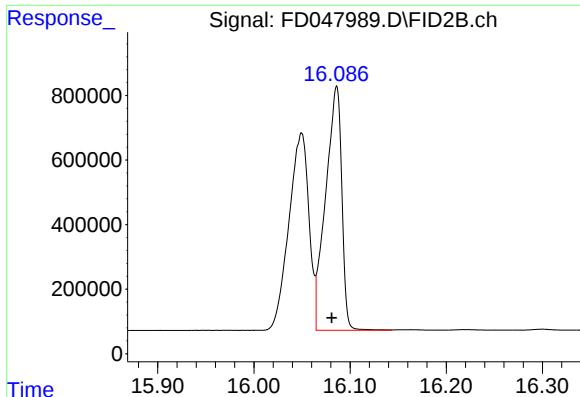
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: 0.002 min
Response: 9036006
Conc: 55.25 ug/ml



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

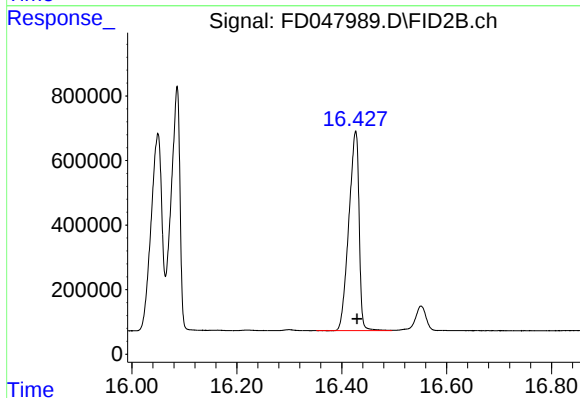
R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 8872786
Conc: 57.75 ug/ml



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

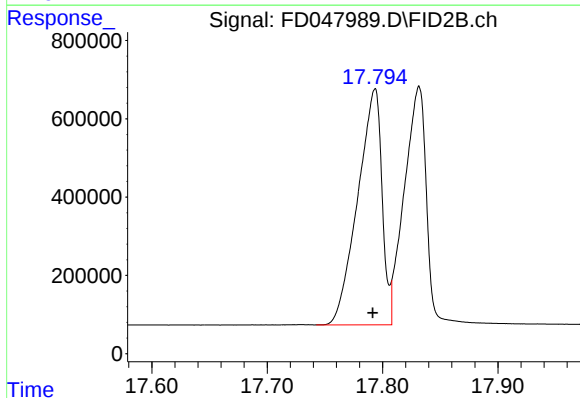
R.T.: 16.085 min
Delta R.T.: 0.004 min
Response: 8834006
Conc: 58.98 ug/ml

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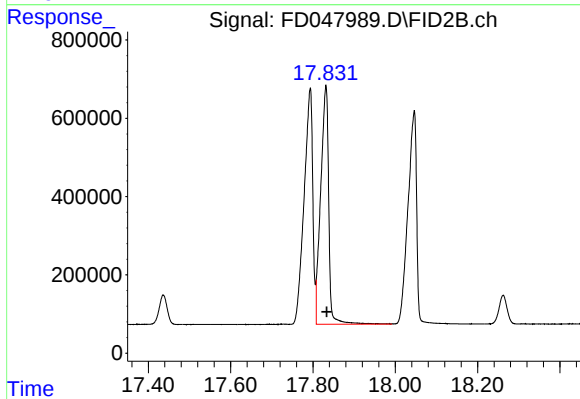
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.426 min
Delta R.T.: -0.003 min
Response: 8402224
Conc: 55.14 ug/ml



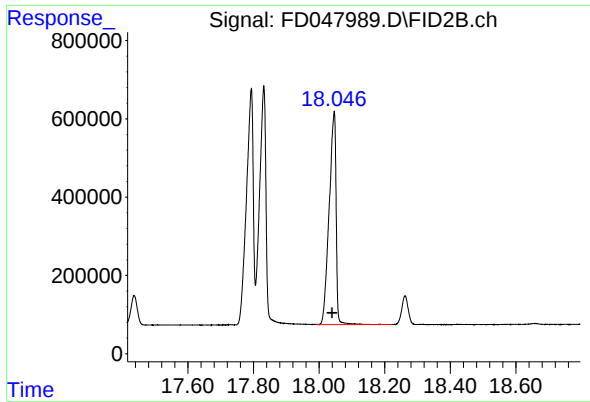
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: 0.001 min
Response: 8842148
Conc: 67.25 ug/ml



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

R.T.: 17.831 min
Delta R.T.: -0.003 min
Response: 8245724
Conc: 52.06 ug/ml



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

R.T.: 18.045 min
Delta R.T.: 0.005 min
Response: 8043103
Conc: 53.50 ug/ml

Instrument :
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ClientSampleId :
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