

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046004.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 18:53
 Operator : YP/AJ
 Sample : 03362-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 02:45:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 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...	7.521	7467592	34.653 ug/ml
Spiked Amount 50.000		Recovery =	69.31%
6) S 2-Fluorobiphenyl (SURR)	8.376	4442777	32.101 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.20%
11) S ortho-Terphenyl (SURR)	11.415	6650538	26.233 ug/ml
Spiked Amount 50.000		Recovery =	52.47%
Target Compounds			
2) T Naphthalene (C11.7)	5.858	85823	0.336 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	64773	0.257 ug/ml
5) T Acenaphthylene (C15.06)	8.177	101066	0.465 ug/ml
7) T Acenaphthene (C15.5)	8.471	90159	0.382 ug/ml
8) T Fluorene (C16.55)	9.249	119483	0.528 ug/ml
9) T Phenanthrene (C19.36)	10.639	1040843	4.878 ug/ml
10) T Anthracene (C19.43)	10.713	289634	1.823 ug/ml
12) T Fluoranthene (C21.85)	12.445	1868544	9.130 ug/ml
13) T Pyrene (C20.8)	12.740	1640727	8.438 ug/ml
14) T Benzo[a]anthracene (C...	14.602	901083	5.010 ug/ml
15) T Chrysene (C27.41)	14.642	1051459	5.357 ug/ml
16) T benzo[b]fluoranthene ...	16.147	1745648	9.307 ug/ml
17) T Bnezo[k]fluoranthene ...	16.147	1745648	8.825 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	806652	4.630 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	689552	3.705 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	160647	0.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	475138	2.543 ug/ml

(f)=RT Delta > 1/2 Window

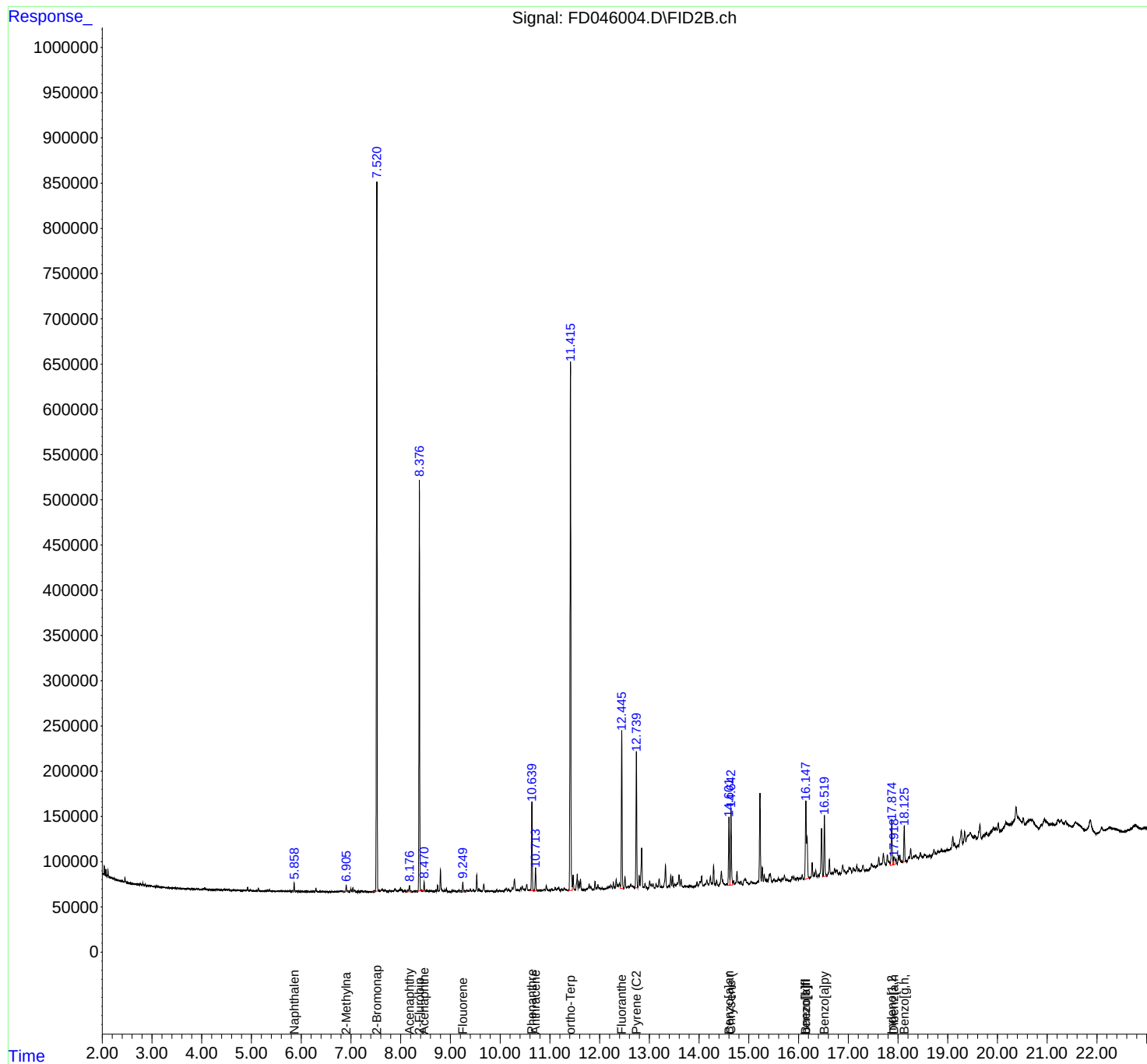
(m)=manual int.

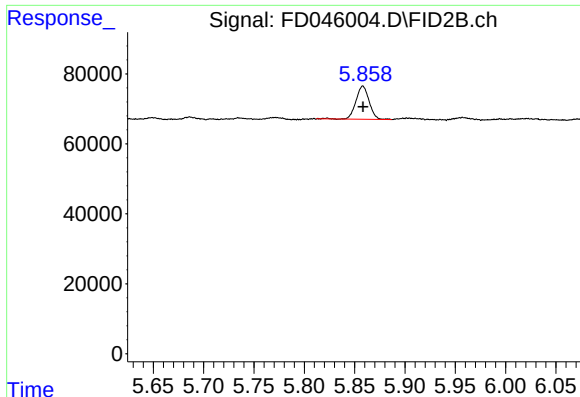
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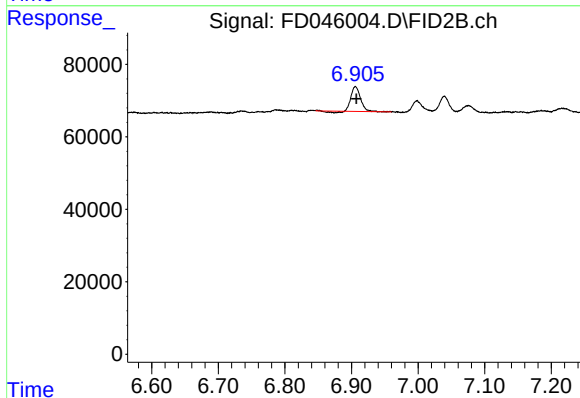




#2 Naphthalene (C11.7)

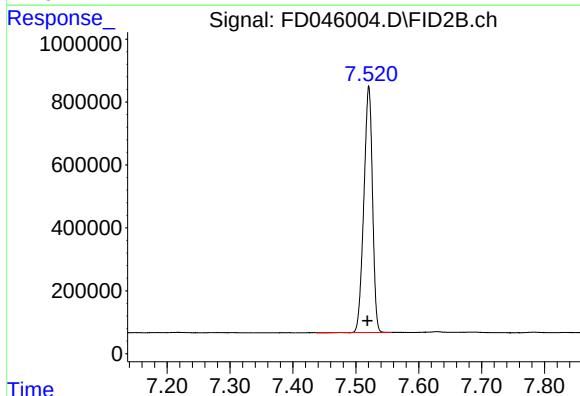
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 85823
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



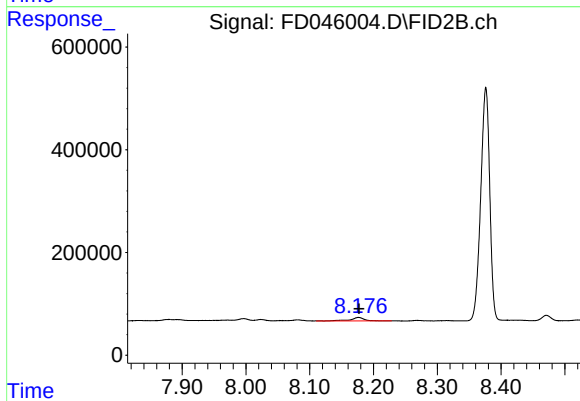
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 64773
Conc: 0.26 ug/ml



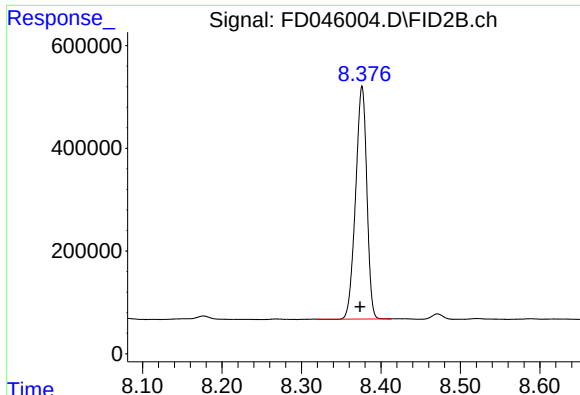
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: 0.002 min
Response: 7467592
Conc: 34.65 ug/ml



#5 Acenaphthylene (C15.06)

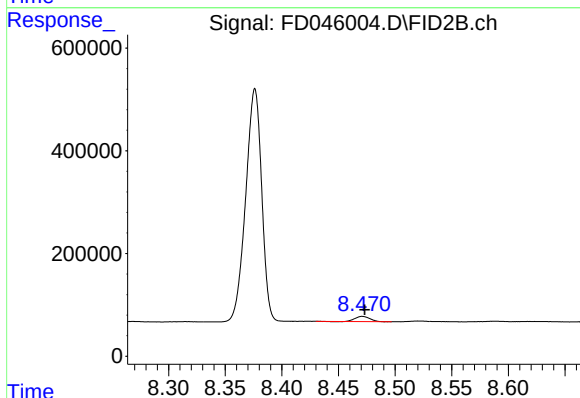
R.T.: 8.177 min
Delta R.T.: -0.001 min
Response: 101066
Conc: 0.47 ug/ml



#6 2-Fluorobiphenyl (SURR)

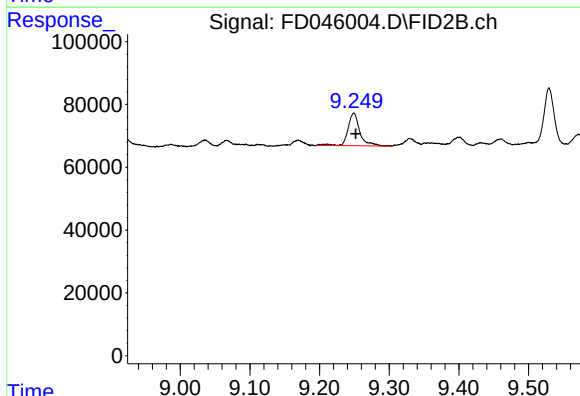
R.T.: 8.376 min
Delta R.T.: 0.003 min
Response: 4442777
Conc: 32.10 ug/ml

Instrument :
FID_D
ClientSampleId :



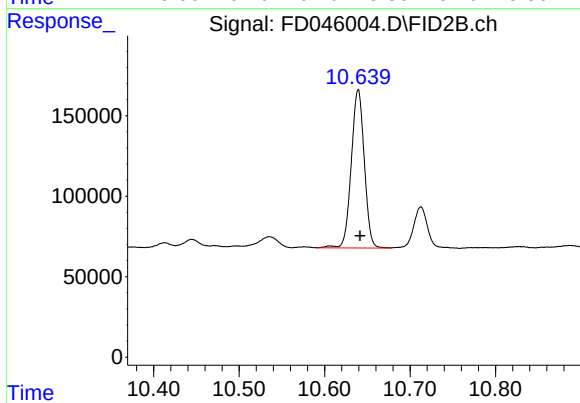
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.002 min
Response: 90159
Conc: 0.38 ug/ml



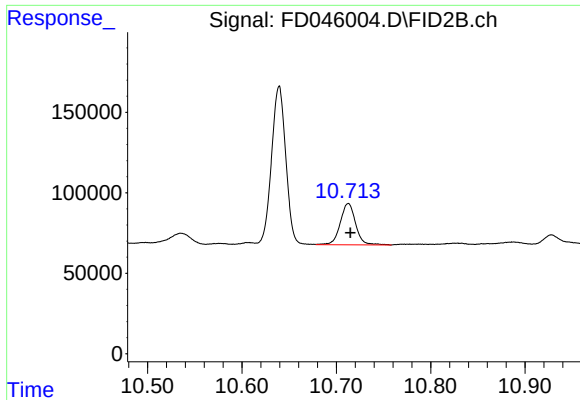
#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: -0.003 min
Response: 119483
Conc: 0.53 ug/ml



#9 Phenanthrene (C19.36)

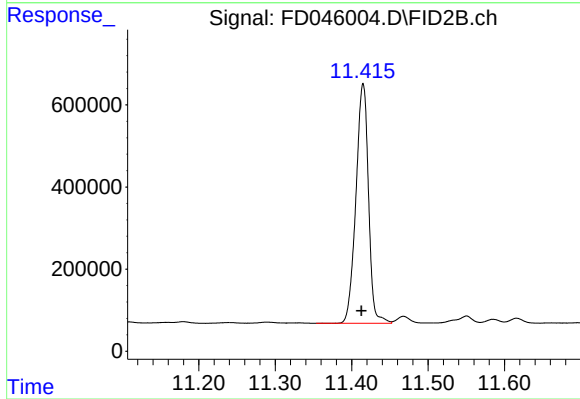
R.T.: 10.639 min
Delta R.T.: -0.002 min
Response: 1040843
Conc: 4.88 ug/ml



#10 Anthracene (C19.43)

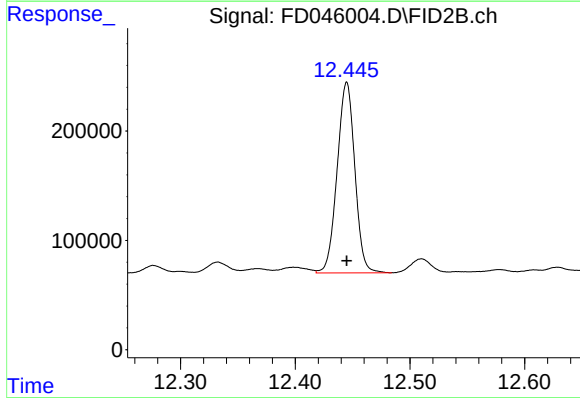
R.T.: 10.713 min
Delta R.T.: -0.002 min
Response: 289634
Conc: 1.82 ug/ml

Instrument :
FID_D
ClientSampleId :



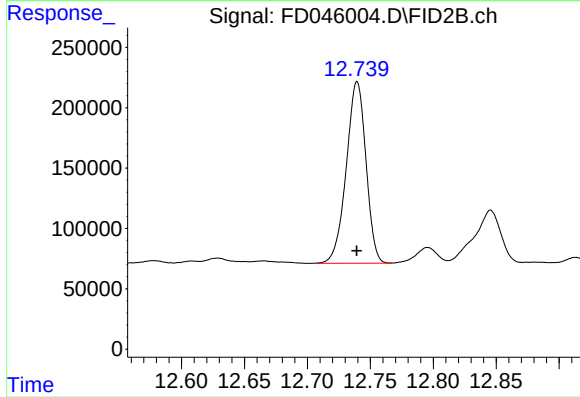
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 6650538
Conc: 26.23 ug/ml



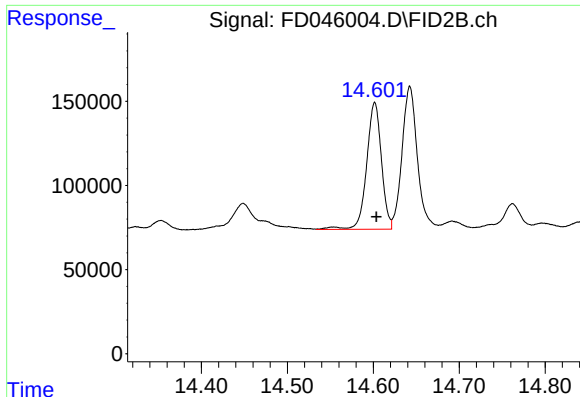
#12 Fluoranthene (C21.85)

R.T.: 12.445 min
Delta R.T.: 0.000 min
Response: 1868544
Conc: 9.13 ug/ml



#13 Pyrene (C20.8)

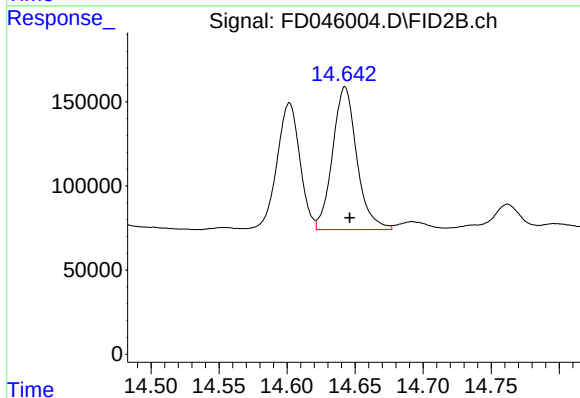
R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 1640727
Conc: 8.44 ug/ml



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

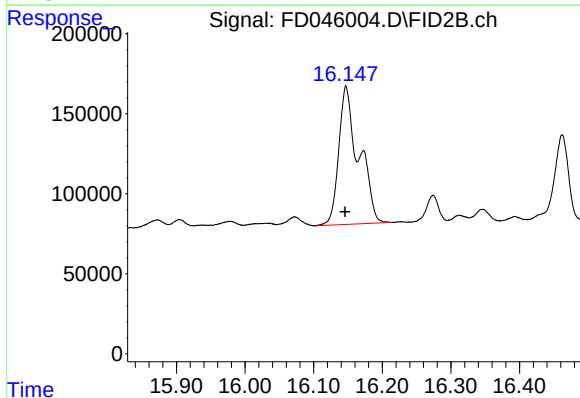
R.T.: 14.602 min
Delta R.T.: -0.002 min
Response: 901083
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :



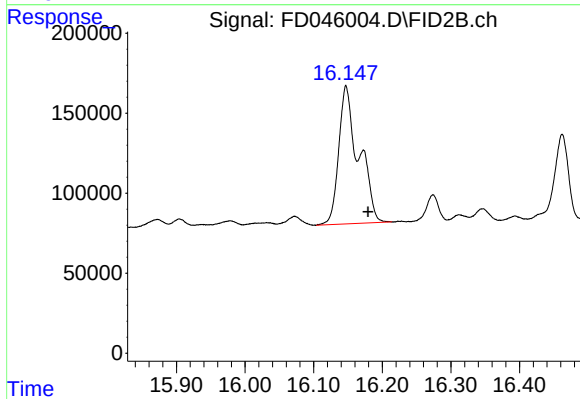
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 1051459
Conc: 5.36 ug/ml



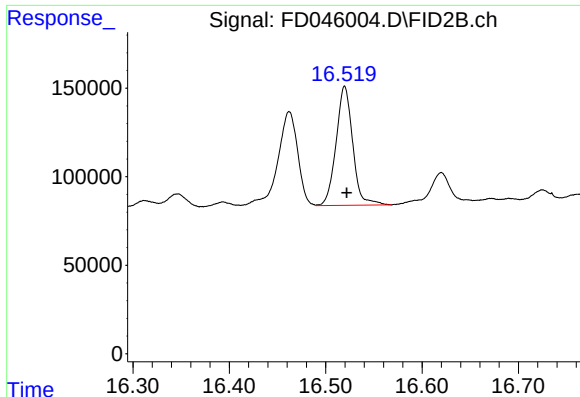
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.147 min
Delta R.T.: 0.002 min
Response: 1745648
Conc: 9.31 ug/ml



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

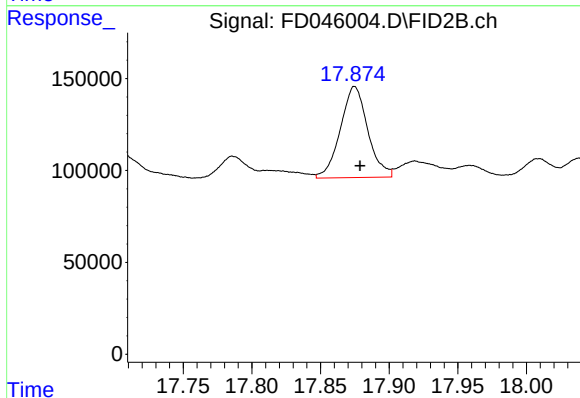
R.T.: 16.147 min
Delta R.T.: -0.032 min
Response: 1745648
Conc: 8.82 ug/ml



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

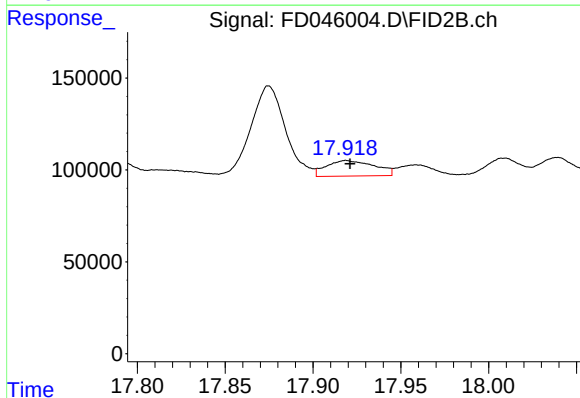
R.T.: 16.520 min
Delta R.T.: -0.002 min
Response: 806652
Conc: 4.63 ug/ml

Instrument :
FID_D
ClientSampleId :



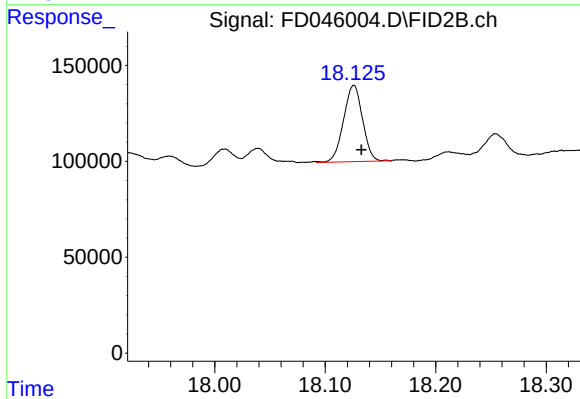
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: -0.004 min
Response: 689552
Conc: 3.71 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.002 min
Response: 160647
Conc: 0.87 ug/ml



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

R.T.: 18.126 min
Delta R.T.: -0.007 min
Response: 475138
Conc: 2.54 ug/ml