

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045851.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 20:32
 Operator : YP/AJ
 Sample : 03222-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:39:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.526	8352776	46.330 ug/ml
Spiked Amount 50.000		Recovery =	92.66%
6) S 2-Fluorobiphenyl (SURR)	8.380	5248573	43.655 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.31%
11) S ortho-Terphenyl (SURR)	11.421	7263276	32.517 ug/ml
Spiked Amount 50.000		Recovery =	65.03%
Target Compounds			
2) T Naphthalene (C11.7)	5.863	125491	0.592 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	100404	0.475 ug/ml
5) T Acenaphthylene (C15.06)	8.181	103607	0.547 ug/ml
7) T Acenaphthene (C15.5)	8.476	126138	0.624 ug/ml
8) T Fluorene (C16.55)	9.253	181586	0.916 ug/ml
9) T Phenanthrene (C19.36)	10.644	1376862	7.197 ug/ml
10) T Anthracene (C19.43)	10.717	284215	1.668 ug/ml
12) T Fluoranthene (C21.85)	12.448	1911817	10.348 ug/ml
13) T Pyrene (C20.8)	12.742	1560319	8.736 ug/ml
14) T Benzo[a]anthracene (C...	14.604	857424	5.476 ug/ml
15) T Chrysene (C27.41)	14.645	908491	5.507 ug/ml
16) T benzo[b]fluoranthene ...	16.175	378572	2.501 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	378572	2.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	763071	5.218 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	624463	4.264 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	160112	1.067 ug/ml
21) T Benzo[g,h,i]perylene ...	18.125	469061	3.179 ug/ml

(f)=RT Delta > 1/2 Window

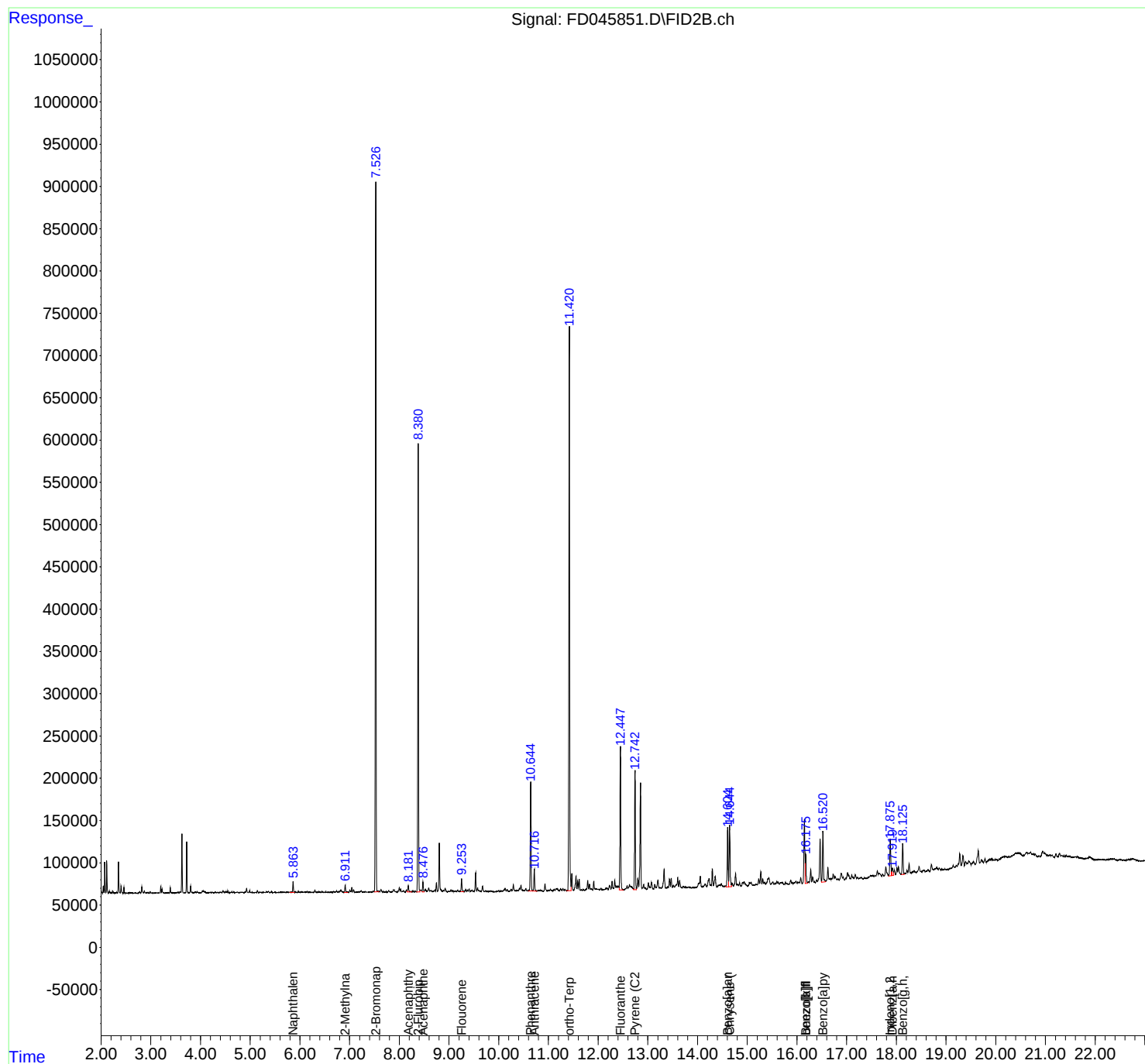
(m)=manual int.

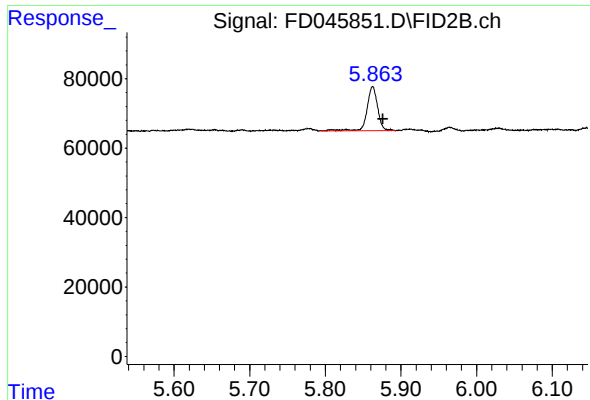
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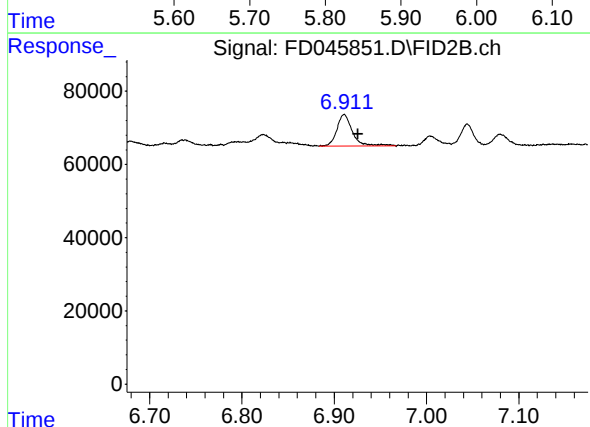




#2 Naphthalene (C11.7)

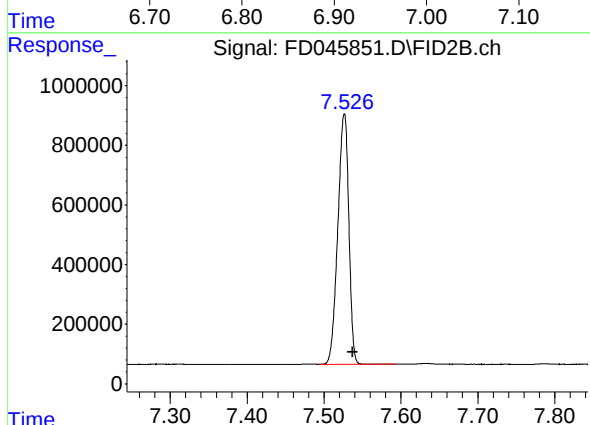
R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 125491
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



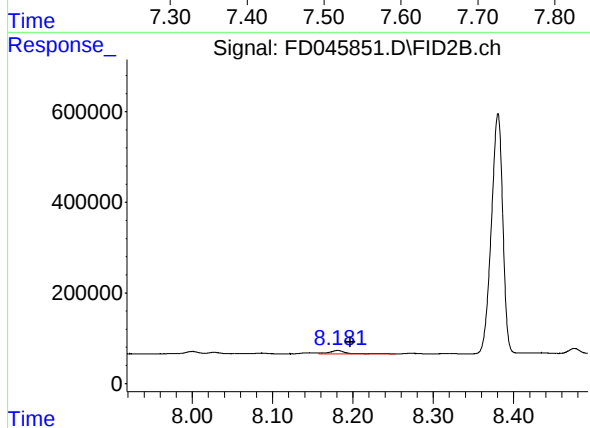
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.015 min
Response: 100404
Conc: 0.48 ug/ml



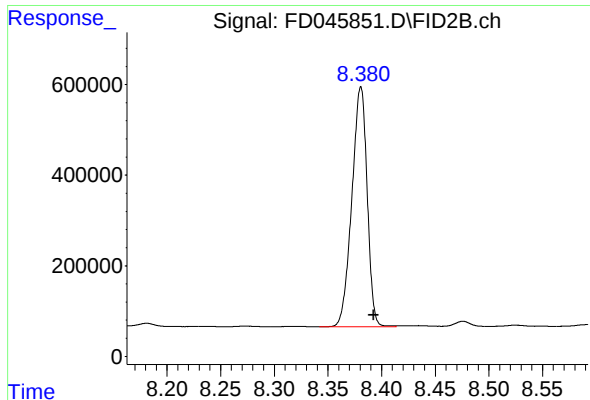
#4 2-Bromonaphthalene (SURR)

R.T.: 7.526 min
Delta R.T.: -0.011 min
Response: 8352776
Conc: 46.33 ug/ml



#5 Acenaphthylene (C15.06)

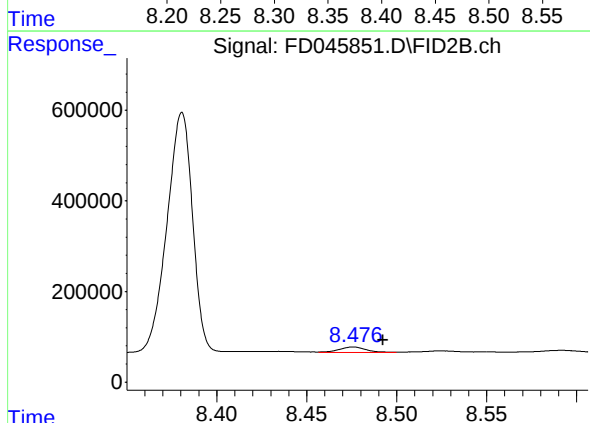
R.T.: 8.181 min
Delta R.T.: -0.016 min
Response: 103607
Conc: 0.55 ug/ml



#6 2-Fluorobiphenyl (SURR)

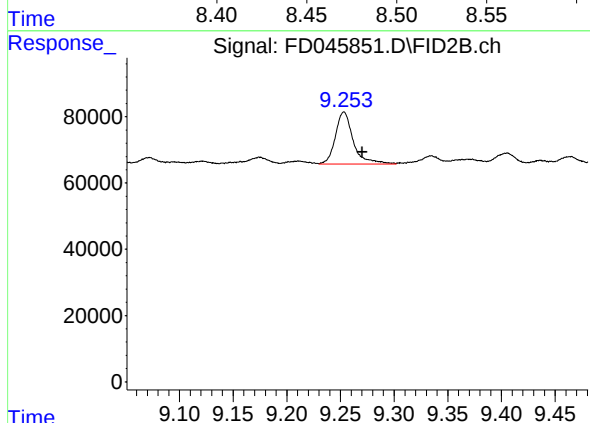
R.T.: 8.380 min
Delta R.T.: -0.012 min
Response: 5248573
Conc: 43.66 ug/ml

Instrument :
FID_D
ClientSampleId :



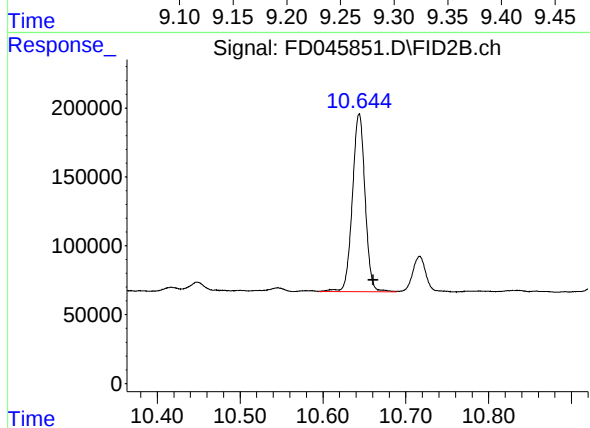
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: -0.017 min
Response: 126138
Conc: 0.62 ug/ml



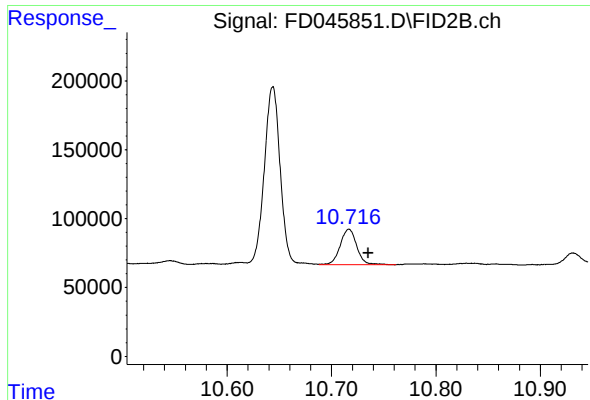
#8 Flouorene (C16.55)

R.T.: 9.253 min
Delta R.T.: -0.017 min
Response: 181586
Conc: 0.92 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.644 min
Delta R.T.: -0.017 min
Response: 1376862
Conc: 7.20 ug/ml



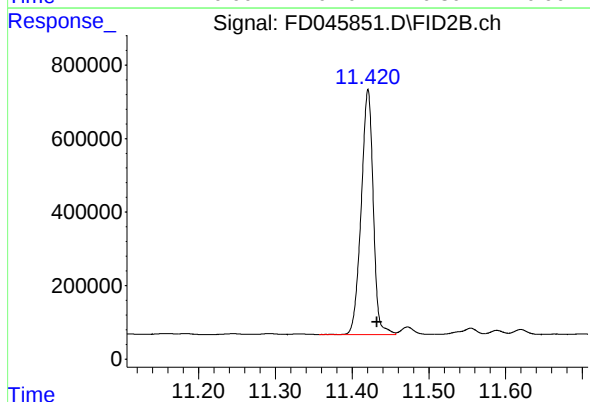
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: -0.019 min
Response: 284215
Conc: 1.67 ug/ml

Instrument :

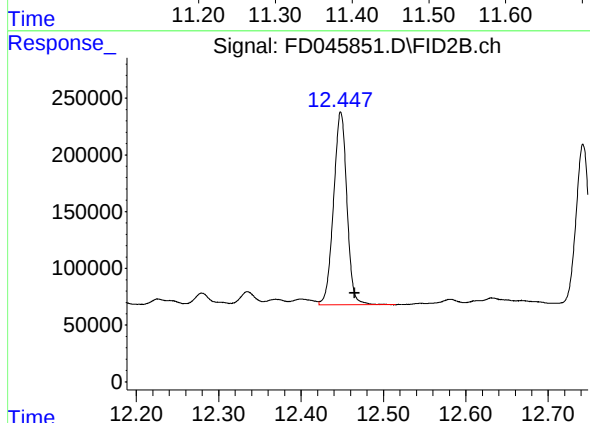
FID_D

ClientSampleId :



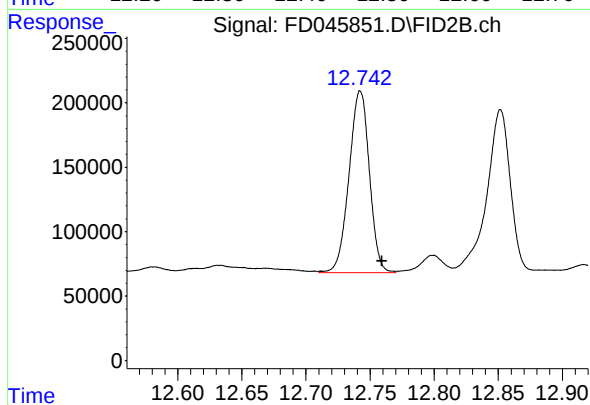
#11 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: -0.012 min
Response: 7263276
Conc: 32.52 ug/ml



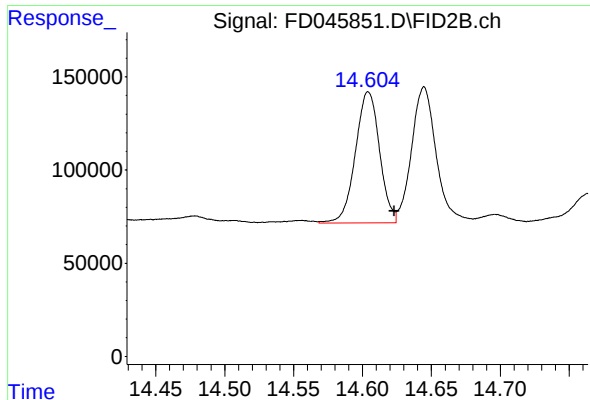
#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: -0.017 min
Response: 1911817
Conc: 10.35 ug/ml



#13 Pyrene (C20.8)

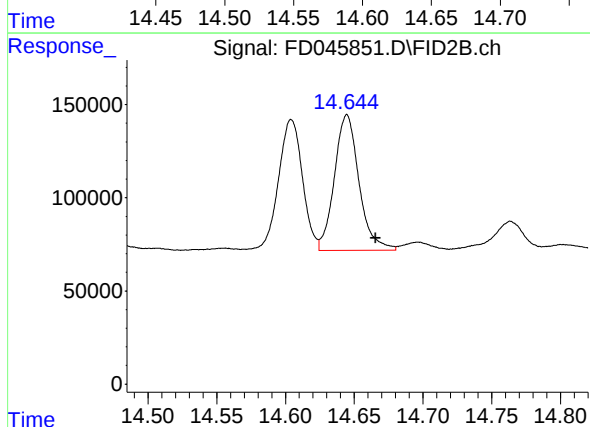
R.T.: 12.742 min
Delta R.T.: -0.017 min
Response: 1560319
Conc: 8.74 ug/ml



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

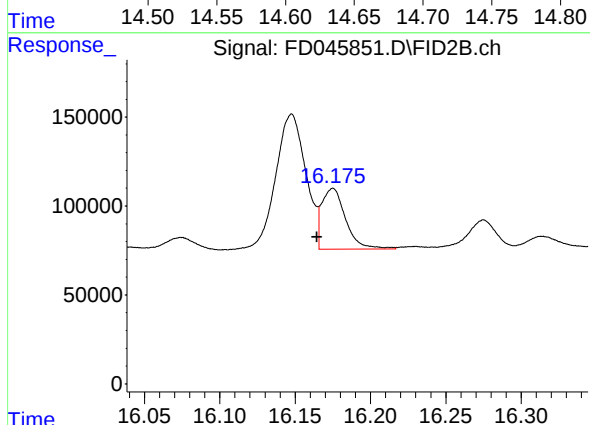
R.T.: 14.604 min
Delta R.T.: -0.019 min
Response: 857424
Conc: 5.48 ug/ml

Instrument :
FID_D
ClientSampleId :



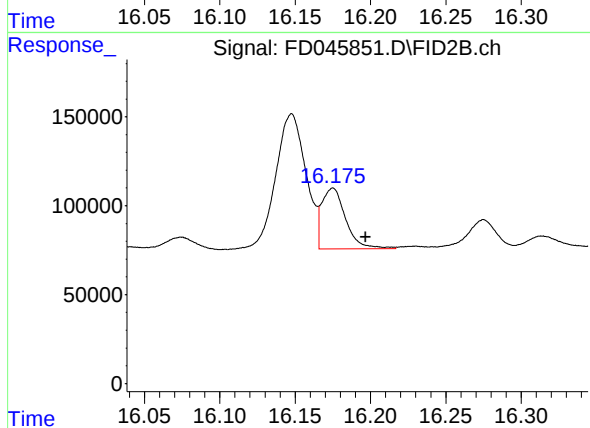
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.021 min
Response: 908491
Conc: 5.51 ug/ml



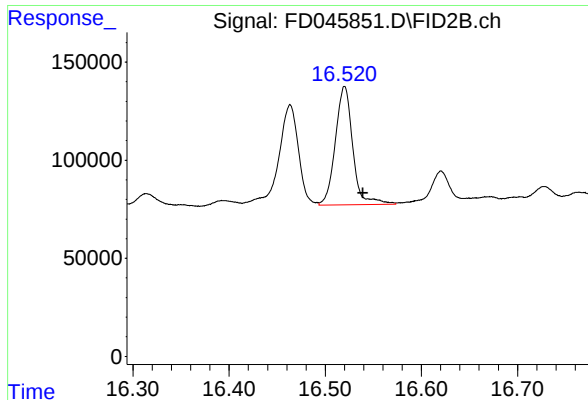
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.175 min
Delta R.T.: 0.010 min
Response: 378572
Conc: 2.50 ug/ml



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

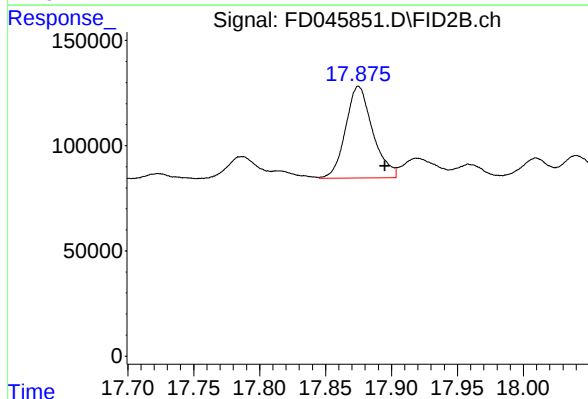
R.T.: 16.175 min
Delta R.T.: -0.022 min
Response: 378572
Conc: 2.45 ug/ml



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

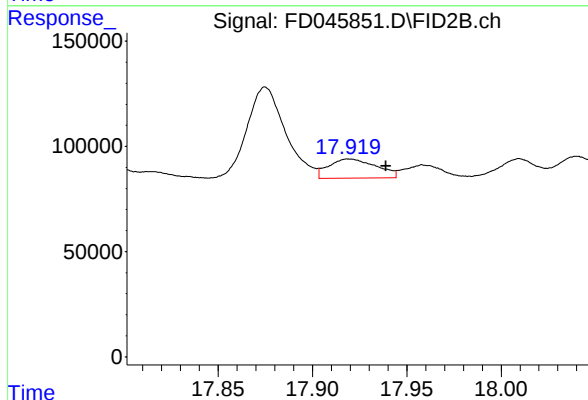
R.T.: 16.520 min
Delta R.T.: -0.019 min
Response: 763071
Conc: 5.22 ug/ml

Instrument :
FID_D
ClientSampleId :



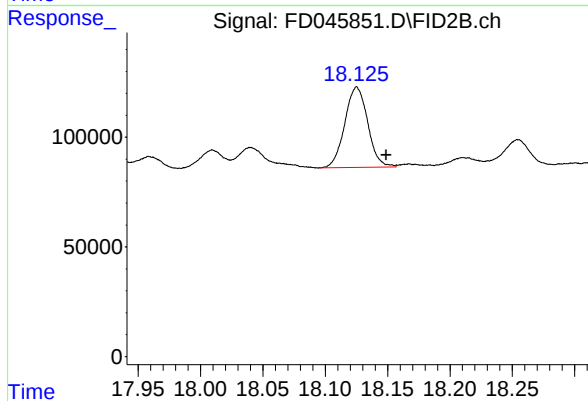
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: -0.020 min
Response: 624463
Conc: 4.26 ug/ml



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

R.T.: 17.920 min
Delta R.T.: -0.019 min
Response: 160112
Conc: 1.07 ug/ml



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

R.T.: 18.125 min
Delta R.T.: -0.024 min
Response: 469061
Conc: 3.18 ug/ml