

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048170.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 22:08
 Operator : YP/AJ
 Sample : P3476-06
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:21:47 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...	7.401	7385916	49.695 ug/ml
Spiked Amount 50.000		Recovery =	99.39%
6) S 2-Fluorobiphenyl (SURR)	8.251	4731549	49.995 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.99%
11) S ortho-Terphenyl (SURR)	11.289	5119620	30.598 ug/ml
Spiked Amount 50.000		Recovery =	61.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285f	80622	0.481 ug/ml
2) T Naphthalene (C11.7)	5.745	65203	0.377 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	119613	0.690 ug/ml
5) T Acenaphthylene (C15.06)	8.062	151694	0.885 ug/ml
7) T Acenaphthene (C15.5)	8.348	101994	0.588 ug/ml
8) T Flouorene (C16.55)	9.129	143807	0.885 ug/ml
9) T Phenanthrene (C19.36)	10.524	691406	4.354 ug/ml
10) T Anthracene (C19.43)	10.597	140087	0.887 ug/ml
12) T Fluoranthene (C21.85)	12.322	483603	3.054 ug/ml
13) T Pyrene (C20.8)	12.640	78794	0.498 ug/ml
14) T Benzo[a]anthracene (C...	14.486	32683	0.239 ug/ml
15) T Chrysene (C27.41)	14.528	386005	2.395 ug/ml
16) T benzo[b]fluoranthene ...	16.033	300010	2.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.073	159692	1.069 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	246078	1.737 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	1166647	10.344 ug/ml
20) T Dibenz[a,h]anthracene...	17.845	1020566	7.022 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	209910	1.424 ug/ml

(f)=RT Delta > 1/2 Window

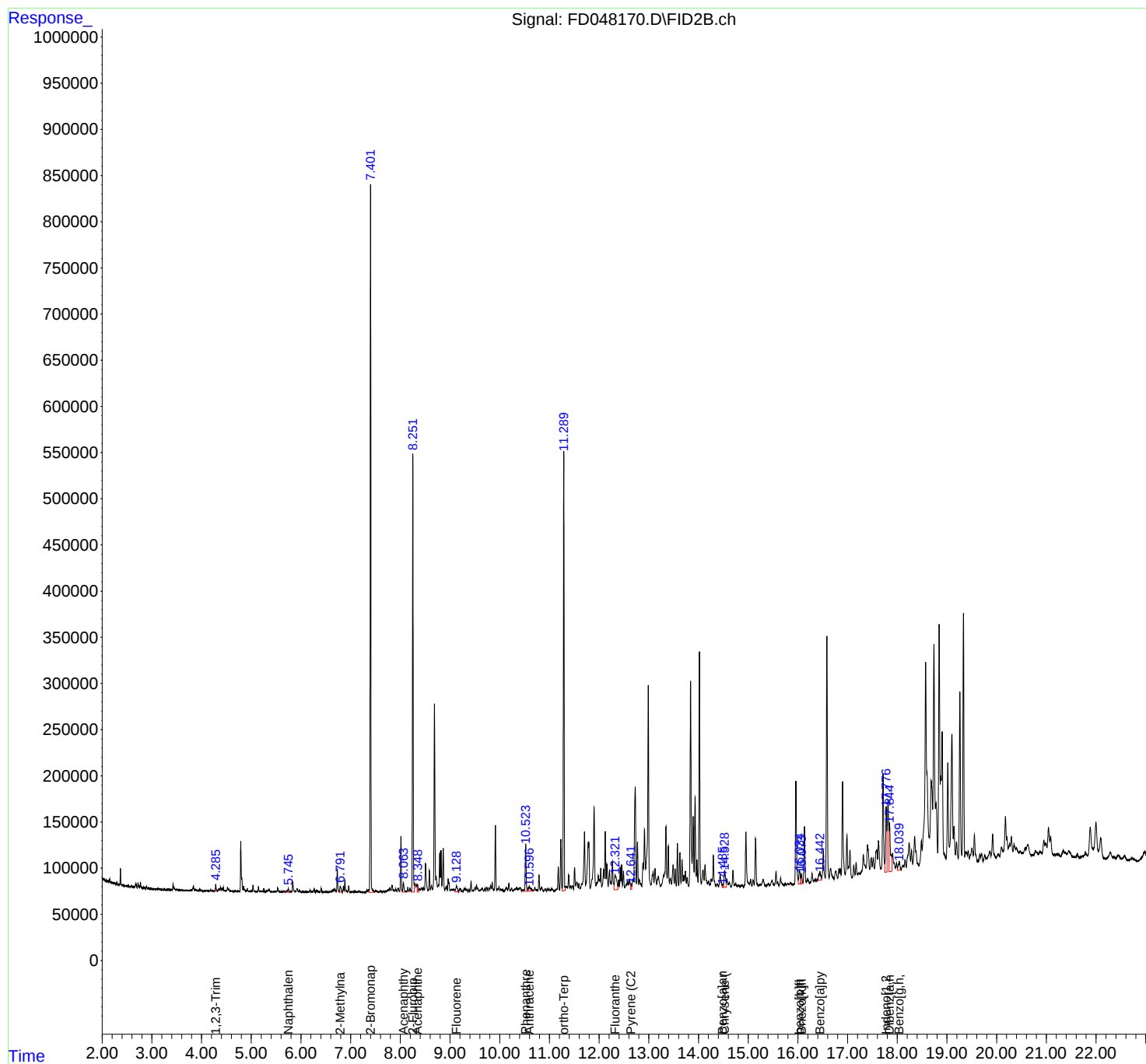
(m)=manual int.

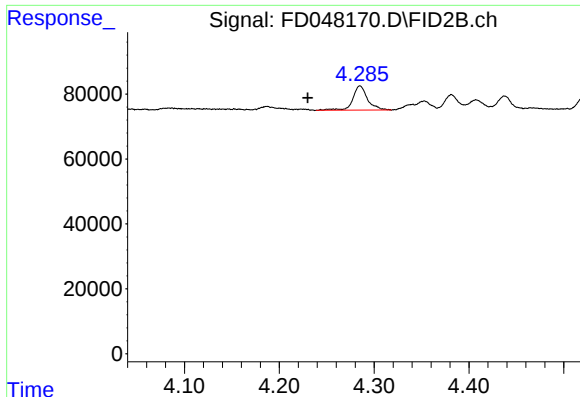
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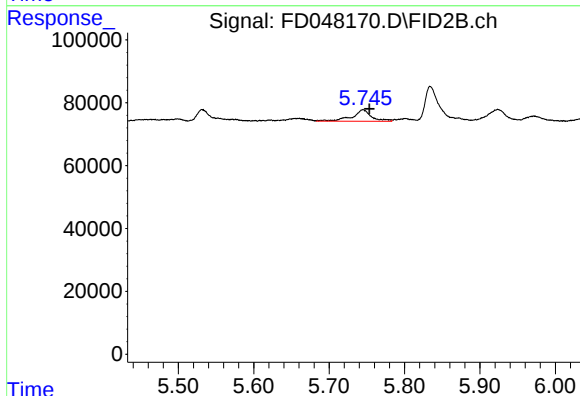




#1 1,2,3-Trimethylbenzene (C10.1)

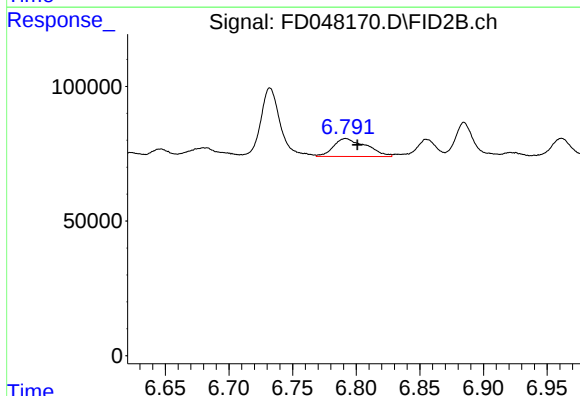
R.T.: 4.285 min
Delta R.T.: 0.055 min
Response: 80622
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



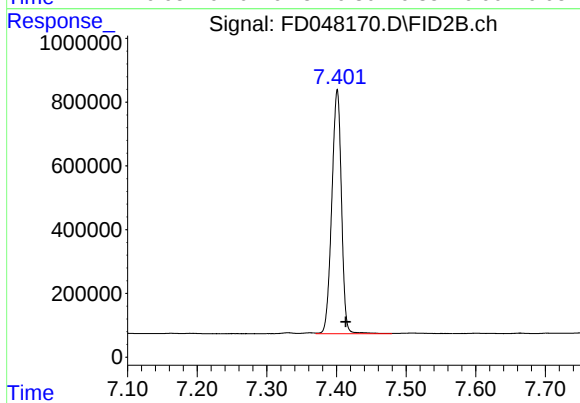
#2 Naphthalene (C11.7)

R.T.: 5.745 min
Delta R.T.: -0.008 min
Response: 65203
Conc: 0.38 ug/ml



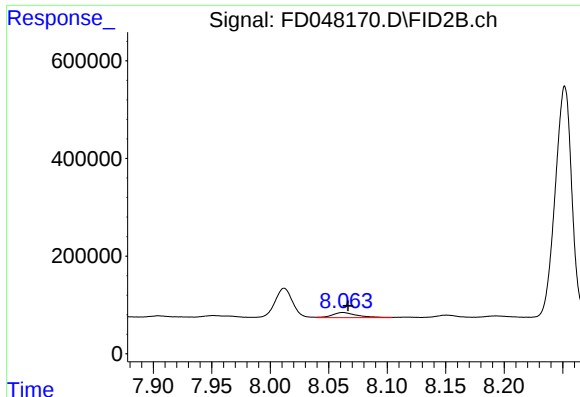
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 119613
Conc: 0.69 ug/ml



#4 2-Bromonaphthalene (SURR)

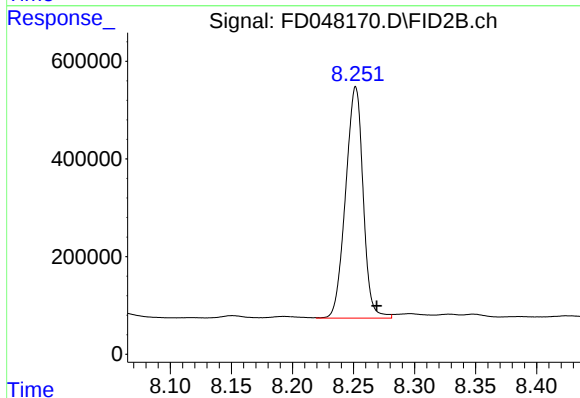
R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 7385916
Conc: 49.69 ug/ml



#5 Acenaphthylene (C15.06)

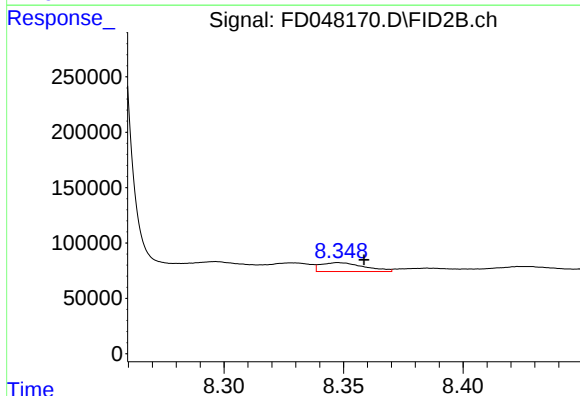
R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 151694
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



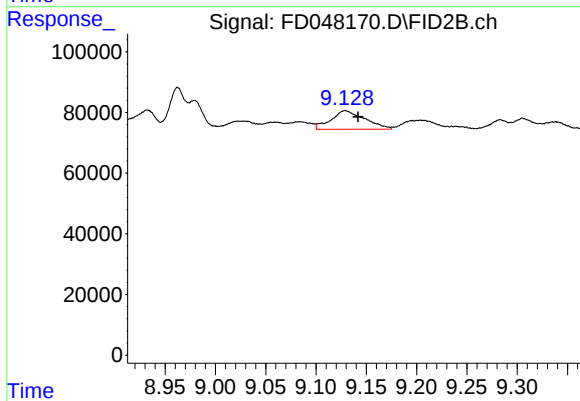
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 4731549
Conc: 50.00 ug/ml



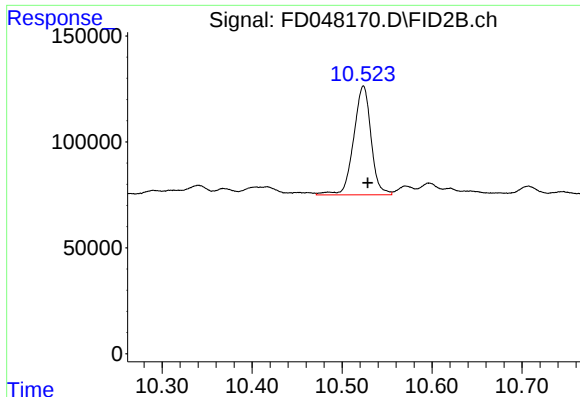
#7 Acenaphthene (C15.5)

R.T.: 8.348 min
Delta R.T.: -0.011 min
Response: 101994
Conc: 0.59 ug/ml



#8 Flouorene (C16.55)

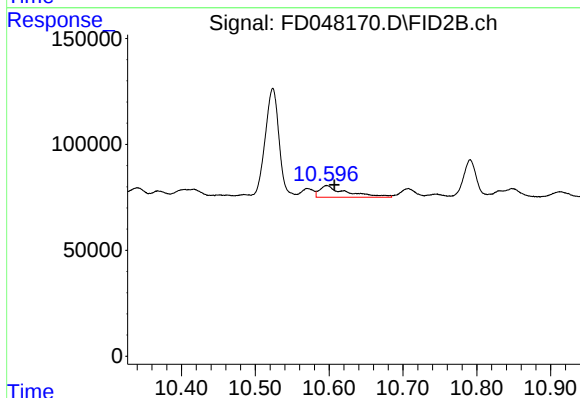
R.T.: 9.129 min
Delta R.T.: -0.013 min
Response: 143807
Conc: 0.89 ug/ml



#9 Phenanthrene (C19.36)

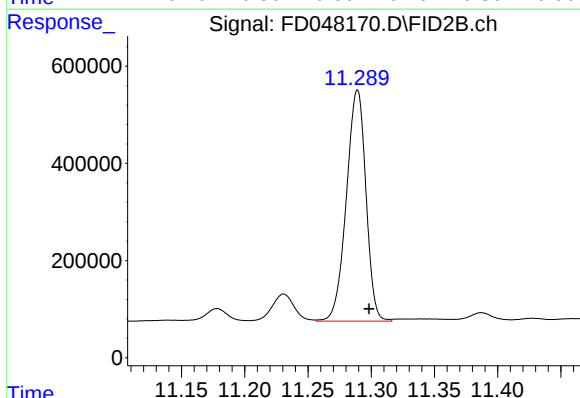
R.T.: 10.524 min
Delta R.T.: -0.005 min
Response: 691406
Conc: 4.35 ug/ml

Instrument :
FID_D
ClientSampleId :



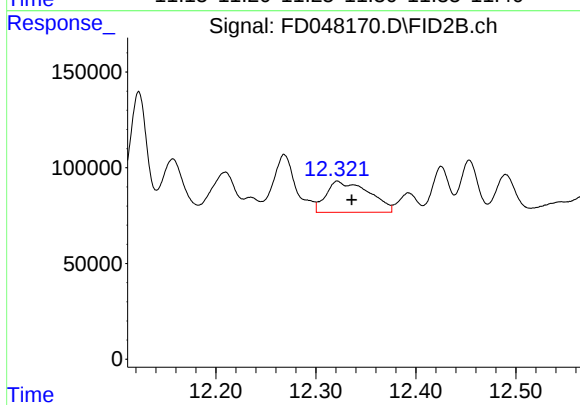
#10 Anthracene (C19.43)

R.T.: 10.597 min
Delta R.T.: -0.010 min
Response: 140087
Conc: 0.89 ug/ml



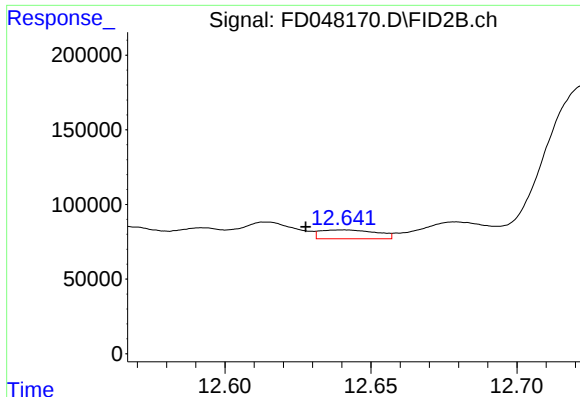
#11 ortho-Terphenyl (SURR)

R.T.: 11.289 min
Delta R.T.: -0.009 min
Response: 5119620
Conc: 30.60 ug/ml



#12 Fluoranthene (C21.85)

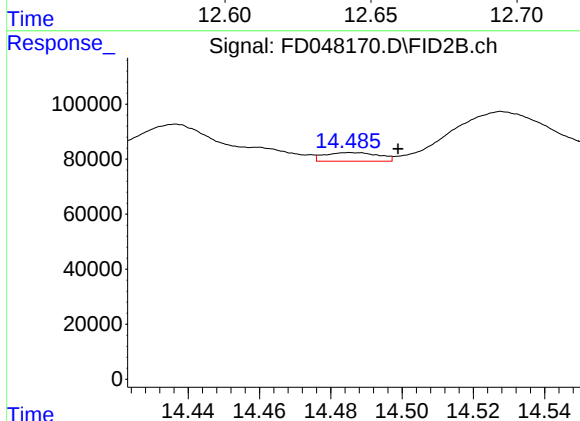
R.T.: 12.322 min
Delta R.T.: -0.014 min
Response: 483603
Conc: 3.05 ug/ml



#13 Pyrene (C20.8)

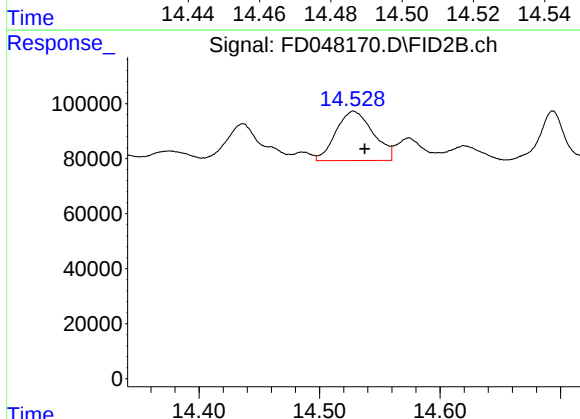
R.T.: 12.640 min
Delta R.T.: 0.013 min
Response: 78794
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



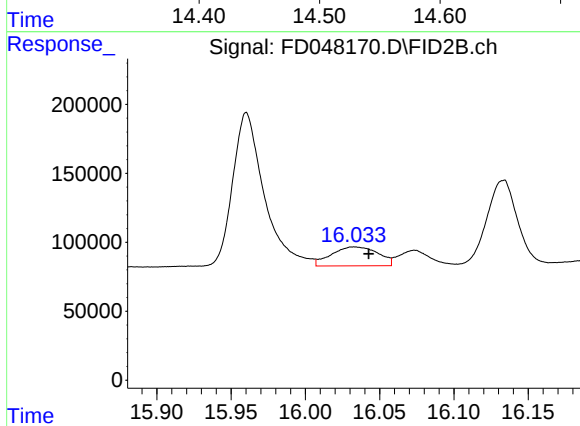
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.486 min
Delta R.T.: -0.013 min
Response: 32683
Conc: 0.24 ug/ml



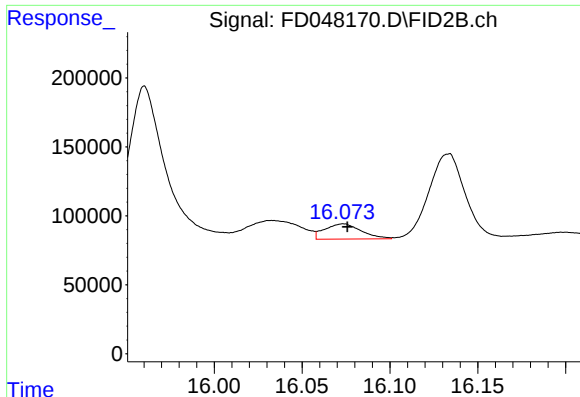
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: -0.009 min
Response: 386005
Conc: 2.39 ug/ml



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

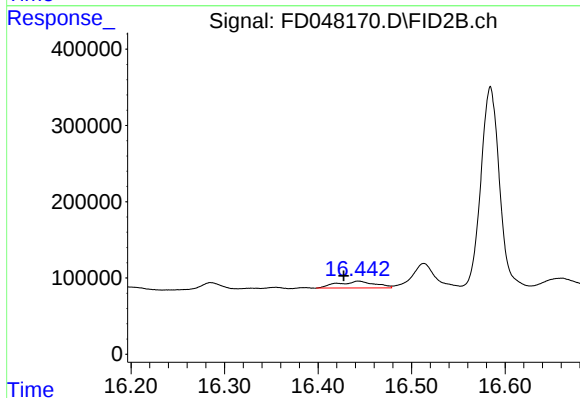
R.T.: 16.033 min
Delta R.T.: -0.009 min
Response: 300010
Conc: 2.08 ug/ml



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

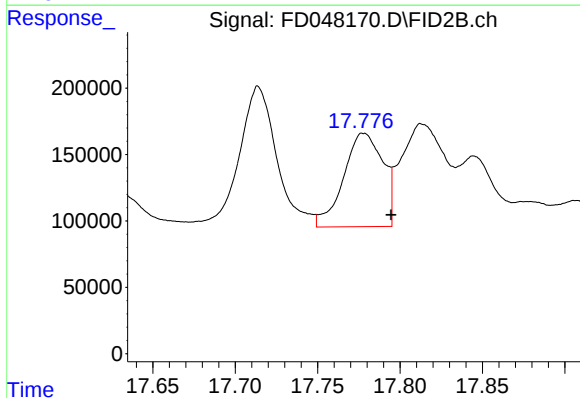
R.T.: 16.073 min
Delta R.T.: -0.003 min
Response: 159692
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



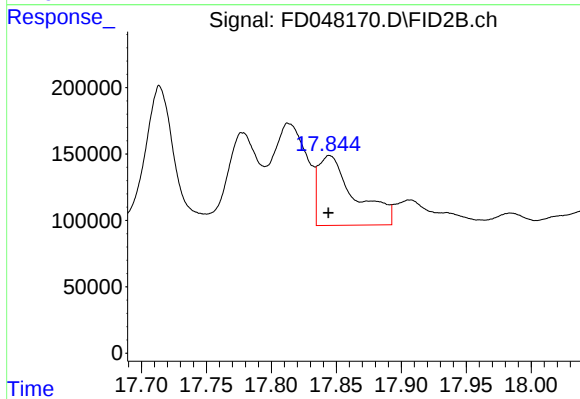
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.016 min
Response: 246078
Conc: 1.74 ug/ml



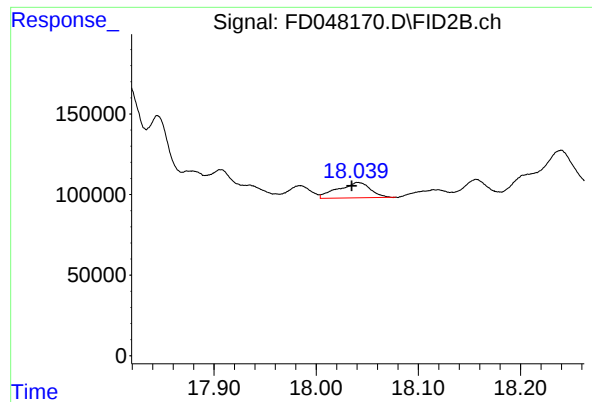
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.016 min
Response: 116647
Conc: 10.34 ug/ml



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

R.T.: 17.845 min
Delta R.T.: 0.000 min
Response: 1020566
Conc: 7.02 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.007 min
Response: 209910
Conc: 1.42 ug/ml

Instrument :

FID_D

ClientSampleId :