

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045344.D
 Signal(s) : FID2B.ch
 Acq On : 25 Mar 2023 01:41
 Operator : YP/AJ
 Sample : 02045-08
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:30:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.551	6640326	48.931 ug/ml
Spiked Amount 50.000		Recovery =	97.86%
6) S 2-Fluorobiphenyl (SURR)	8.406	4023765	44.941 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.88%
11) S ortho-Terphenyl (SURR)	11.448	6408188	38.498 ug/ml
Spiked Amount 50.000		Recovery =	77.00%
Target Compounds			
2) T Naphthalene (C11.7)	5.888	472746	2.992 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	86149	0.542 ug/ml
5) T Acenaphthylene (C15.06)	8.166	30686	0.214 ug/ml
7) T Acenaphthene (C15.5)	8.502	73743	0.487 ug/ml
8) T Fluorene (C16.55)	9.280	119732	0.813 ug/ml
9) T Phenanthrene (C19.36)	10.671	751536	5.264 ug/ml
10) T Anthracene (C19.43)	10.744	204758	1.461 ug/ml
12) T Fluoranthene (C21.85)	12.476	1014259	7.261 ug/ml
13) T Pyrene (C20.8)	12.771	843753	6.196 ug/ml
14) T Benzo[a]anthracene (C...	14.633	494785	3.881 ug/ml
15) T Chrysene (C27.41)	14.674	480510	3.687 ug/ml
16) T benzo[b]fluoranthene ...	16.177	560683	4.349 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	184194	1.459 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.549	440317	3.498 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	460266	3.847 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	105686	0.876 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	303075	2.436 ug/ml

(f)=RT Delta > 1/2 Window

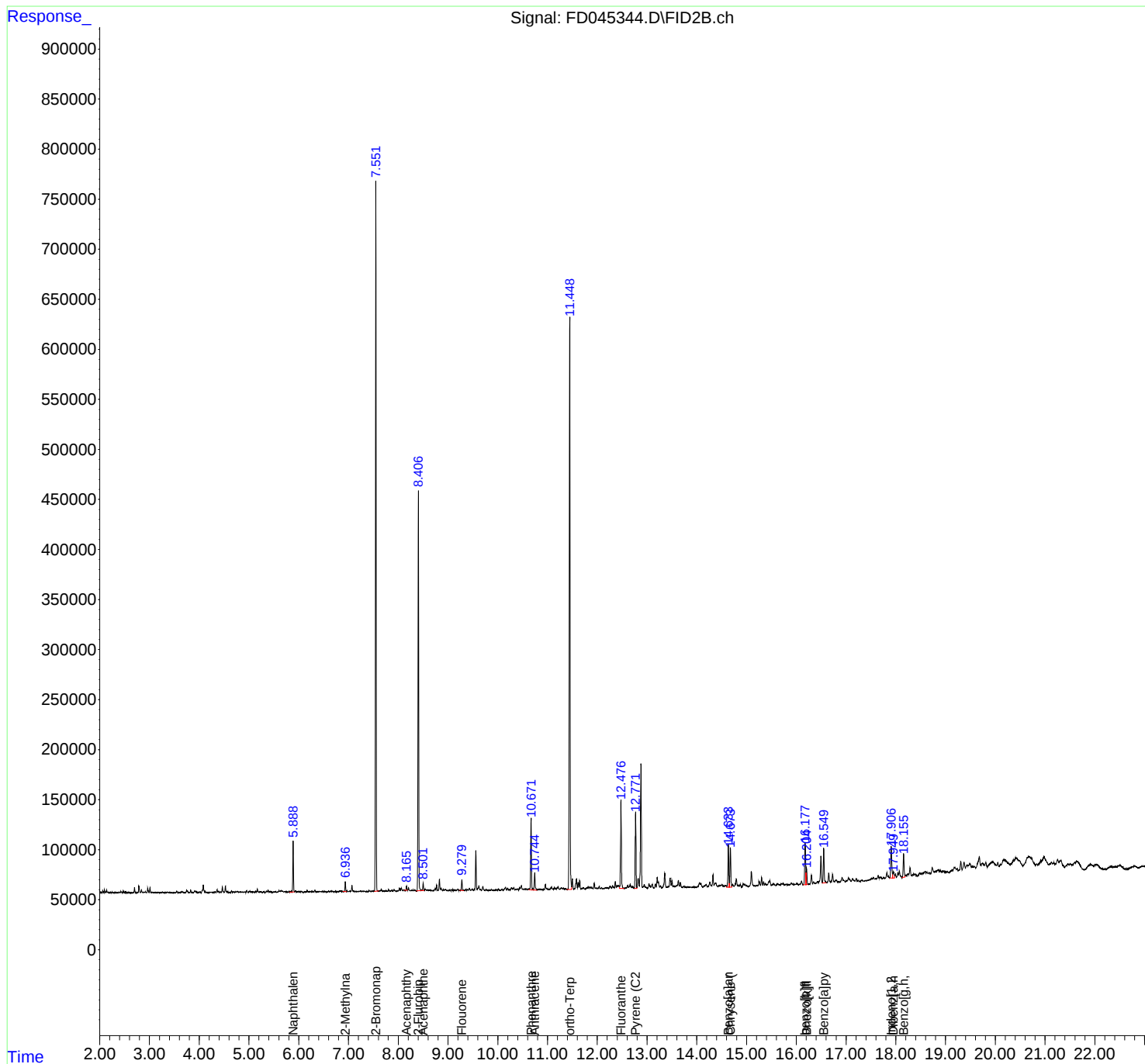
(m)=manual int.

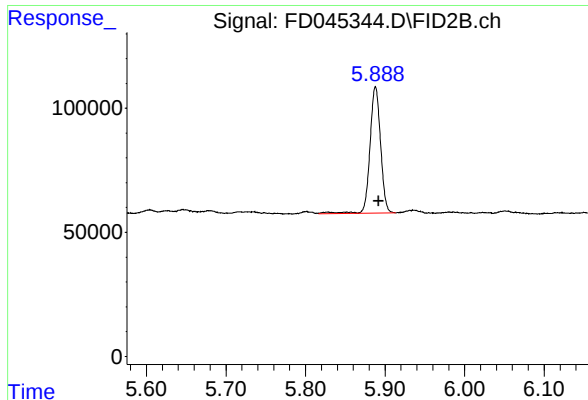
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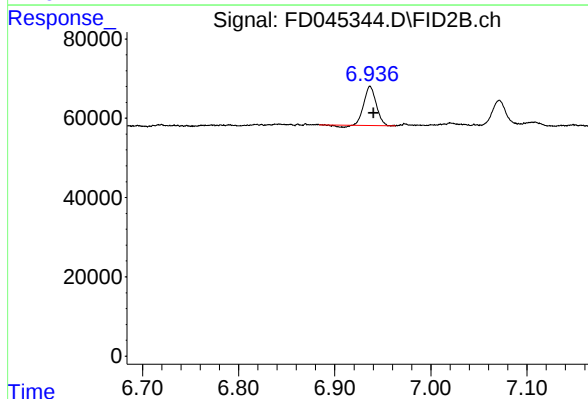




#2 Naphthalene (C11.7)

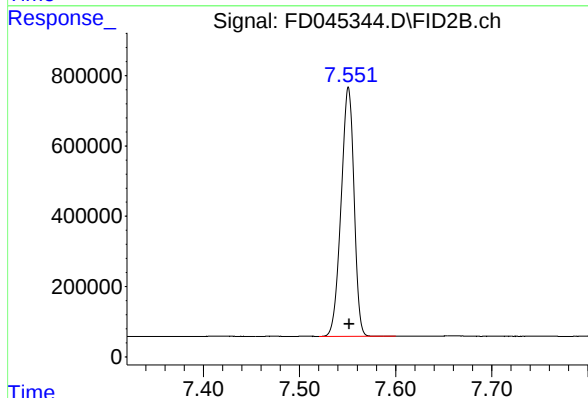
R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 472746
Conc: 2.99 ug/ml

Instrument :
FID_D
ClientSampleId :



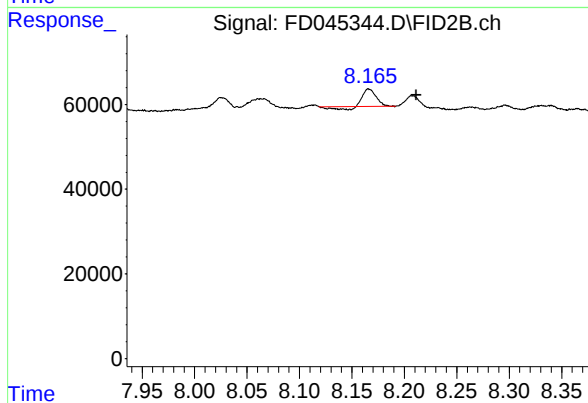
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 86149
Conc: 0.54 ug/ml



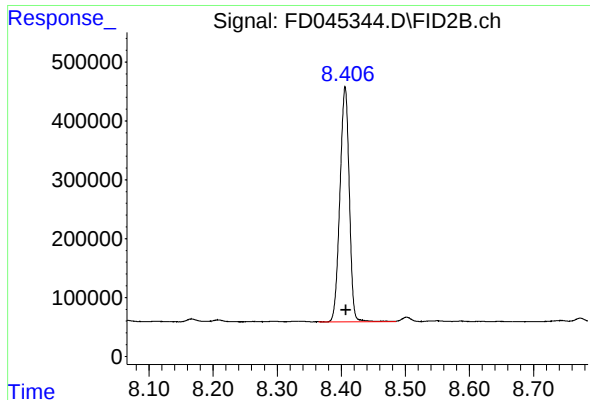
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 6640326
Conc: 48.93 ug/ml



#5 Acenaphthylene (C15.06)

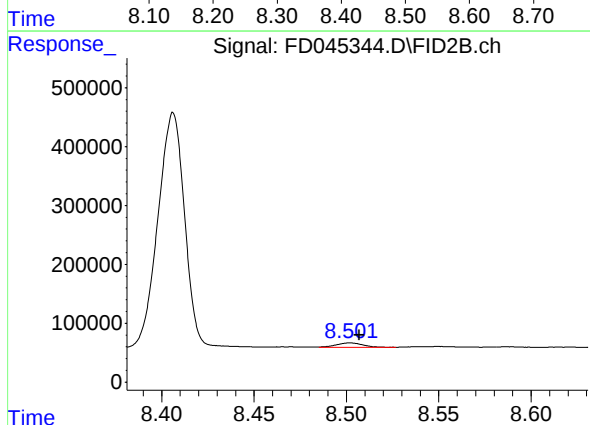
R.T.: 8.166 min
Delta R.T.: -0.045 min
Response: 30686
Conc: 0.21 ug/ml



#6 2-Fluorobiphenyl (SURR)

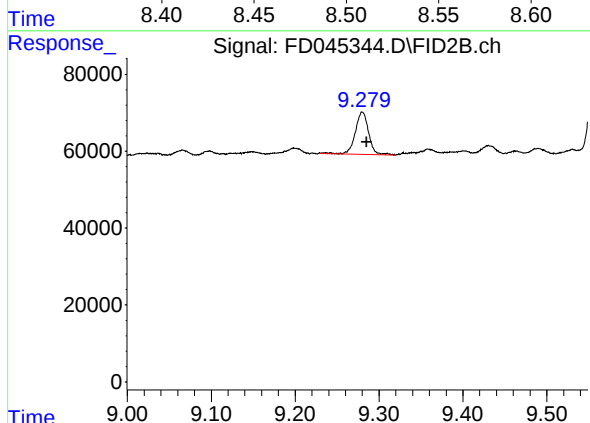
R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 4023765
Conc: 44.94 ug/ml

Instrument :
FID_D
ClientSampleId :



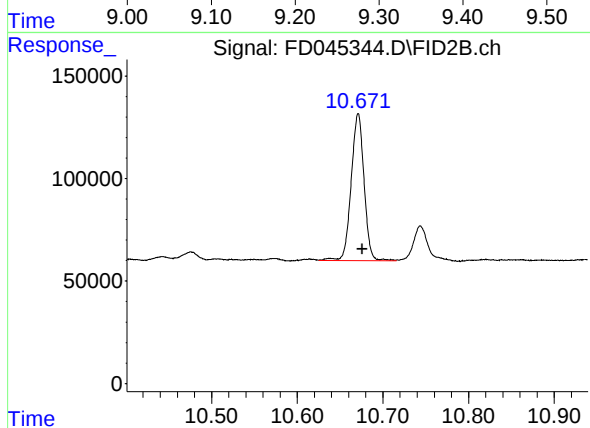
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: -0.005 min
Response: 73743
Conc: 0.49 ug/ml



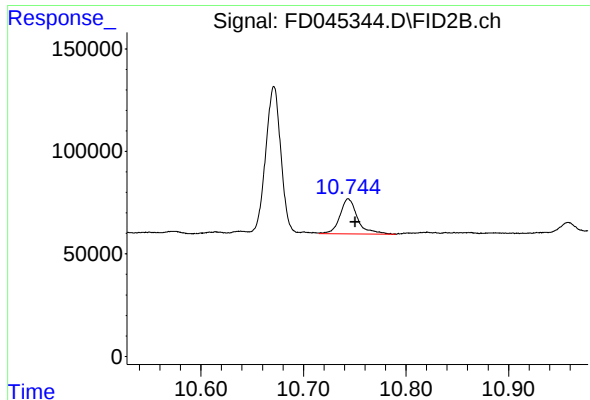
#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.005 min
Response: 119732
Conc: 0.81 ug/ml



#9 Phenanthrene (C19.36)

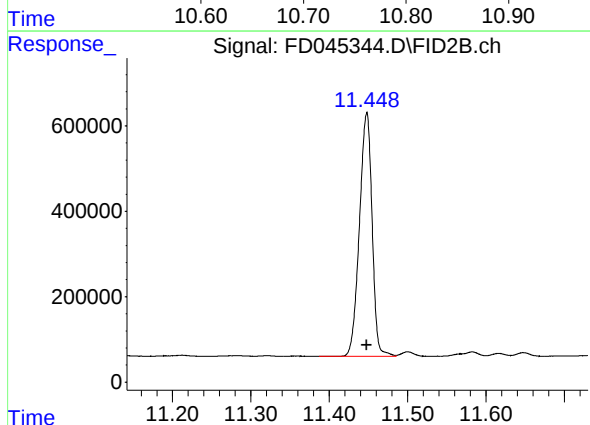
R.T.: 10.671 min
Delta R.T.: -0.005 min
Response: 751536
Conc: 5.26 ug/ml



#10 Anthracene (C19.43)

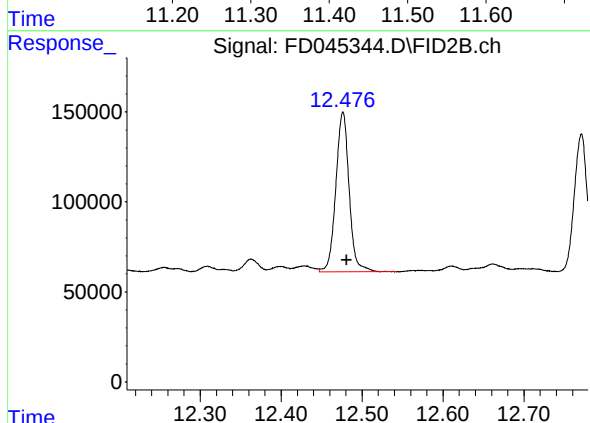
R.T.: 10.744 min
Delta R.T.: -0.006 min
Response: 204758
Conc: 1.46 ug/ml

Instrument :
FID_D
ClientSampleId :



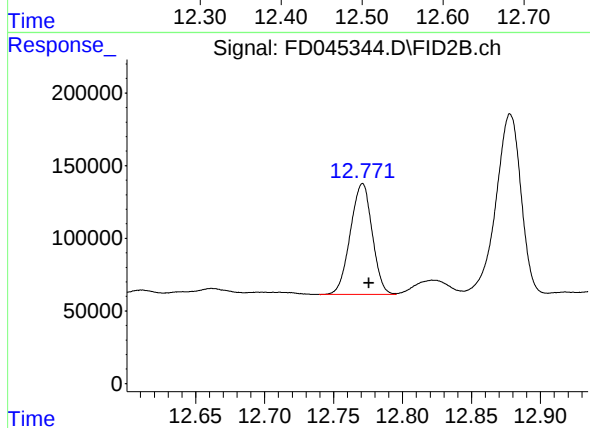
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 6408188
Conc: 38.50 ug/ml



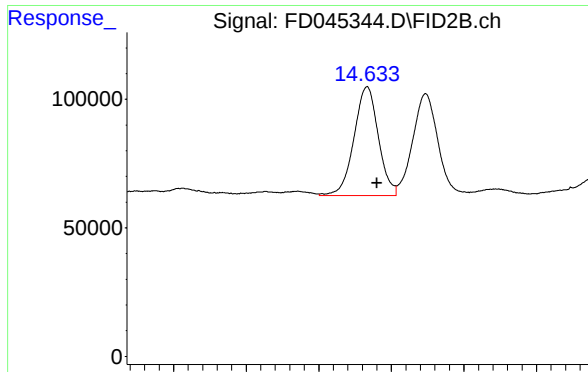
#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: -0.005 min
Response: 1014259
Conc: 7.26 ug/ml



#13 Pyrene (C20.8)

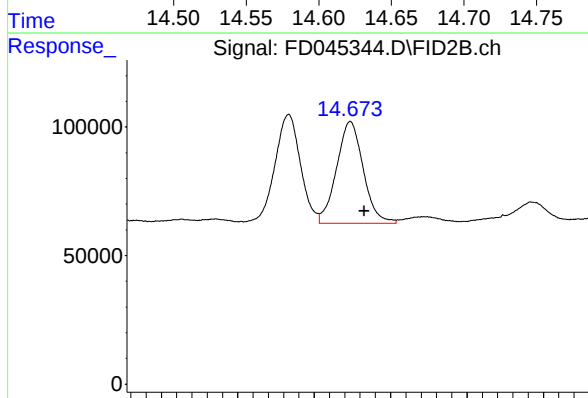
R.T.: 12.771 min
Delta R.T.: -0.005 min
Response: 843753
Conc: 6.20 ug/ml



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

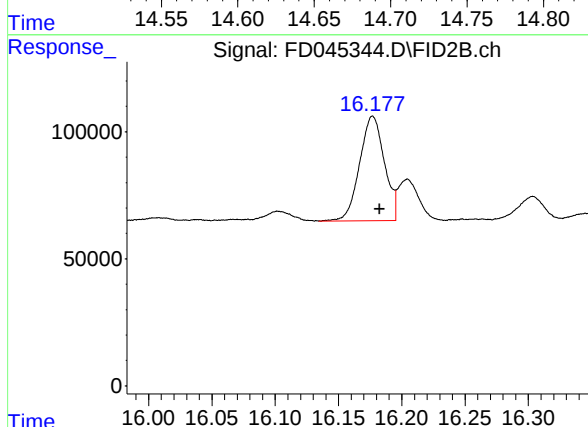
R.T.: 14.633 min
Delta R.T.: -0.007 min
Response: 494785
Conc: 3.88 ug/ml

Instrument :
FID_D
ClientSampleId :



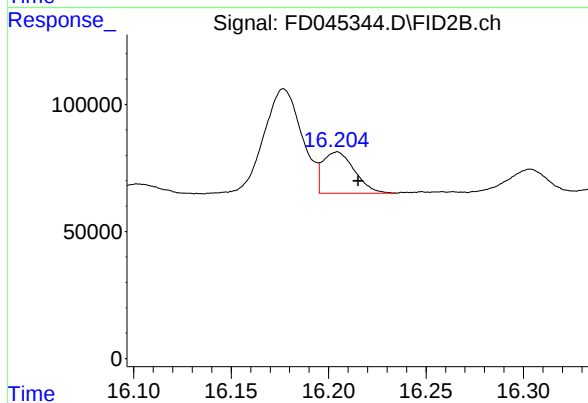
#15 Chrysene (C27.41)

R.T.: 14.674 min
Delta R.T.: -0.009 min
Response: 480510
Conc: 3.69 ug/ml



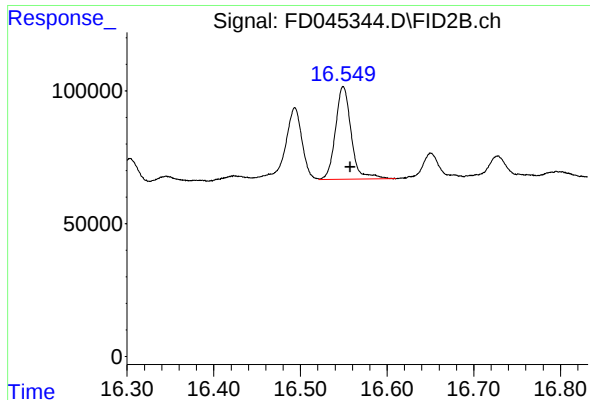
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.177 min
Delta R.T.: -0.006 min
Response: 560683
Conc: 4.35 ug/ml



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

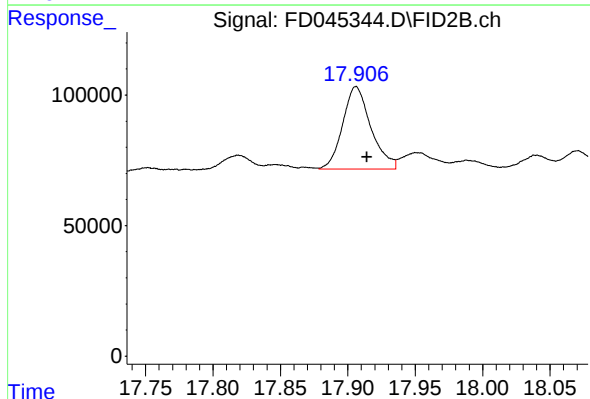
R.T.: 16.204 min
Delta R.T.: -0.011 min
Response: 184194
Conc: 1.46 ug/ml



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

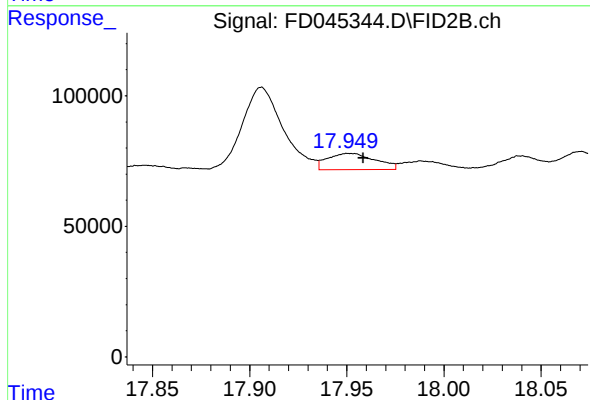
R.T.: 16.549 min
Delta R.T.: -0.008 min
Response: 440317
Conc: 3.50 ug/ml

Instrument :
FID_D
ClientSampleId :



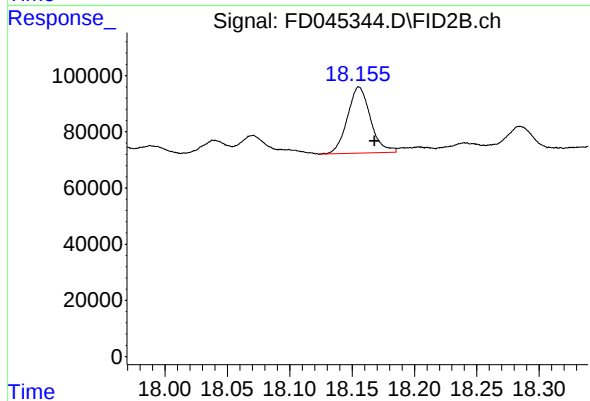
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.008 min
Response: 460266
Conc: 3.85 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.007 min
Response: 105686
Conc: 0.88 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.013 min
Response: 303075
Conc: 2.44 ug/ml