

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD046999.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 14:43
 Operator : YP/AJ
 Sample : 05620-01DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 00:05:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	1825910	10.554 ug/ml
Spiked Amount 50.000		Recovery =	21.11%
6) S 2-Fluorobiphenyl (SURR)	8.330	580104	5.335 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.67%
11) S ortho-Terphenyl (SURR)	11.364	1257802	6.321 ug/ml
Spiked Amount 50.000		Recovery =	12.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	104045	0.559 ug/ml
3) T 2-Methylnaphthalene (...)	6.900	10709308	55.612 ug/ml
5) T Acenaphthylene (C15.06)	8.162	93334	0.536 ug/ml
7) T Acenaphthene (C15.5)	8.439	527130	2.842 ug/ml
8) T Fluorene (C16.55)	9.210	599049	3.470 ug/ml
10) T Anthracene (C19.43)	10.662	2813738	18.195 ug/ml
12) T Fluoranthene (C21.85)	12.394	233253	1.472 ug/ml
13) T Pyrene (C20.8)	12.694	116364	0.761 ug/ml
14) T Benzo[a]anthracene (C...	14.560	137266	1.059 ug/ml
15) T Chrysene (C27.41)	14.608	60862	0.425 ug/ml
16) T benzo[b]fluoranthene ...	16.109	179298	1.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	172096	1.260 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	181172	1.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	825996	6.922 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	412260	3.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	1021700	7.809 ug/ml

(f)=RT Delta > 1/2 Window

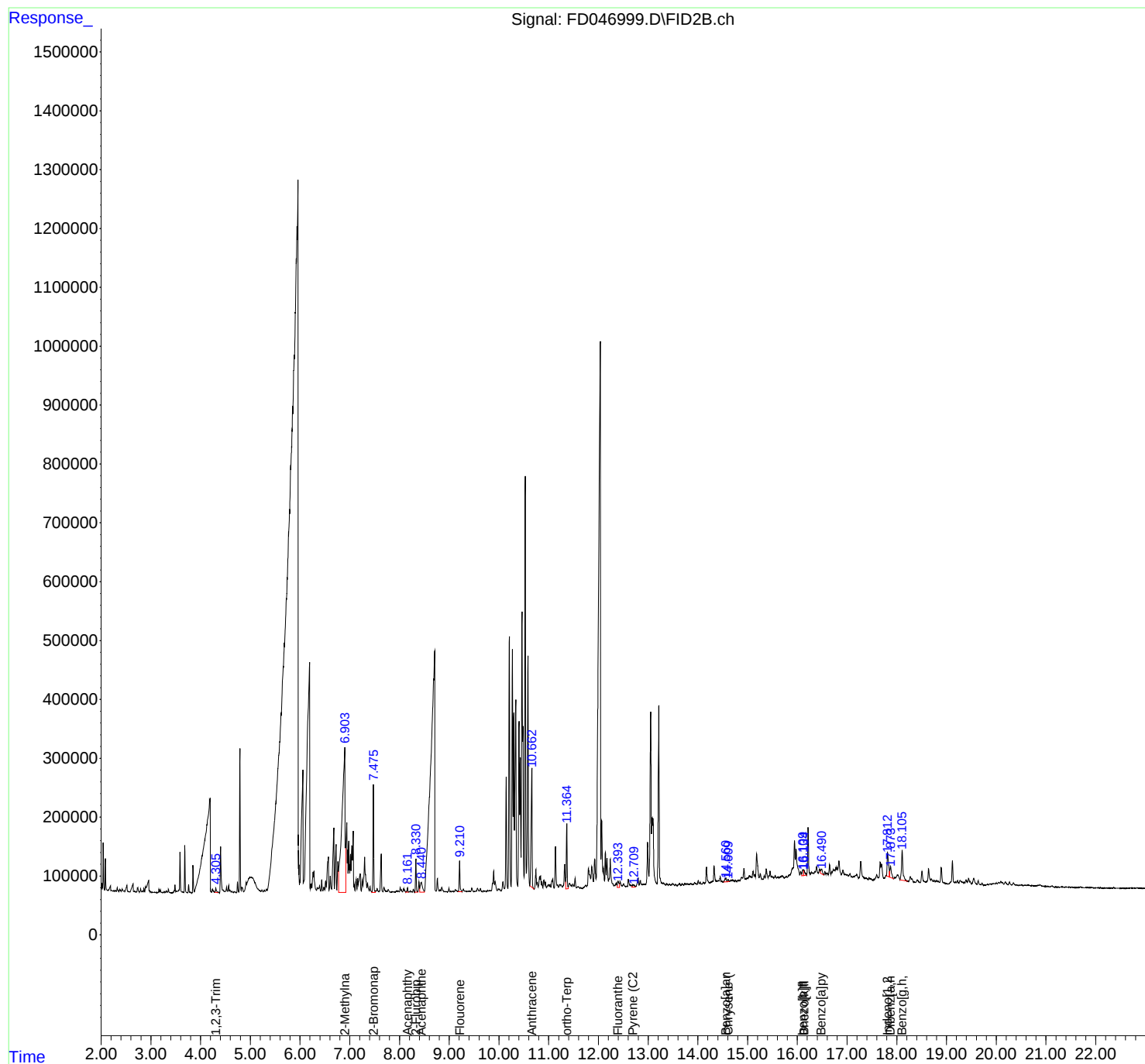
(m)=manual int.

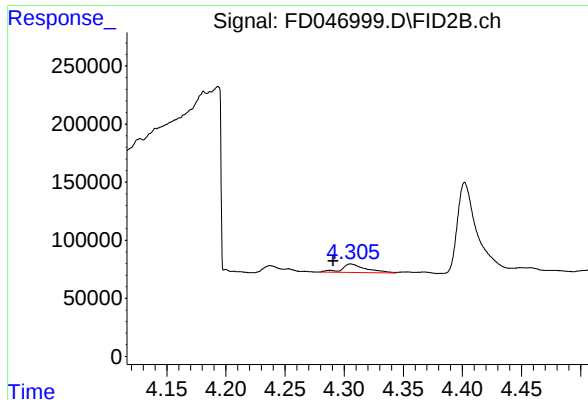
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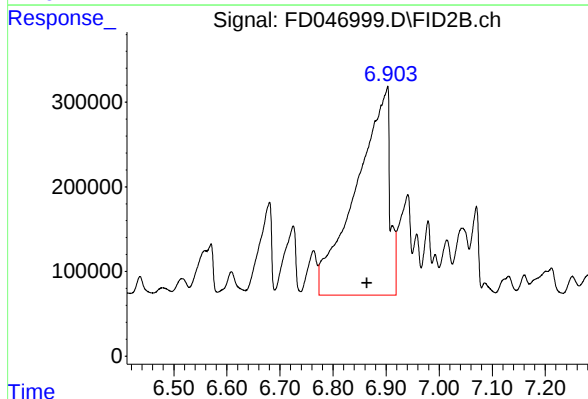




#1 1,2,3-Trimethylbenzene (C10.1)

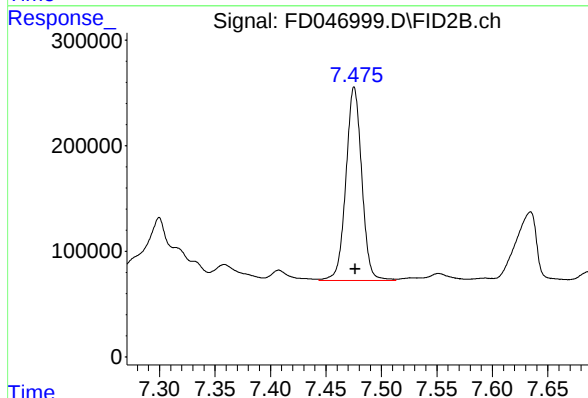
R.T.: 4.306 min
Delta R.T.: 0.015 min
Response: 104045
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



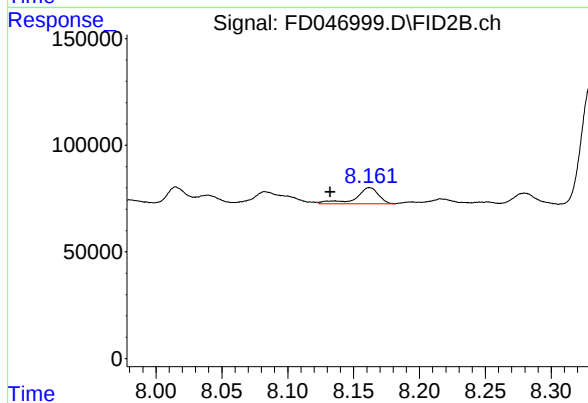
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.900 min
Delta R.T.: 0.035 min
Response: 10709308
Conc: 55.61 ug/ml



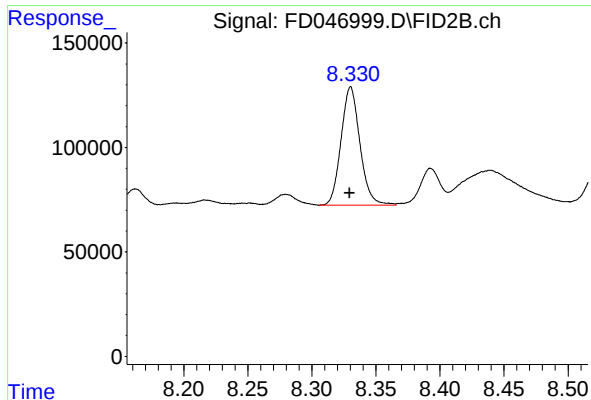
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 1825910
Conc: 10.55 ug/ml



#5 Acenaphthylene (C15.06)

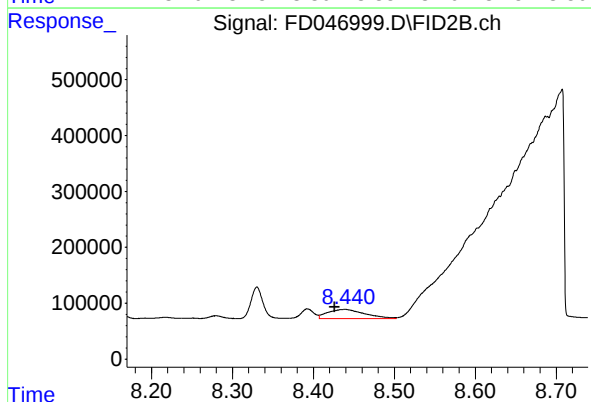
R.T.: 8.162 min
Delta R.T.: 0.030 min
Response: 93334
Conc: 0.54 ug/ml



#6 2-Fluorobiphenyl (SURR)

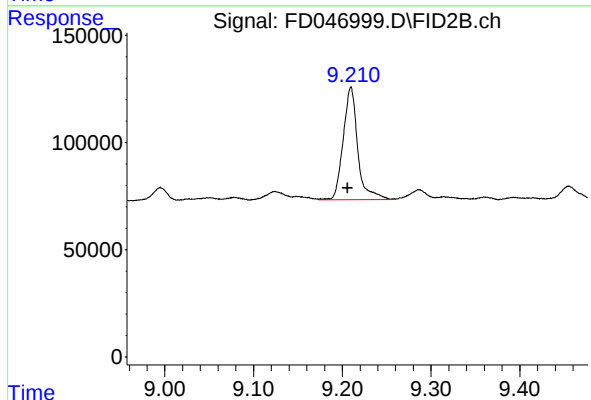
R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 580104
Conc: 5.33 ug/ml

Instrument :
FID_D
ClientSampleId :



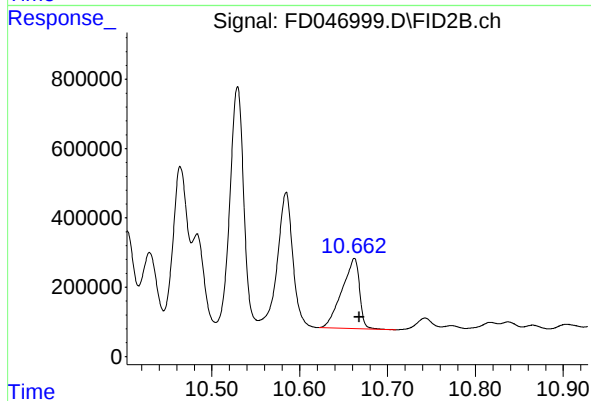
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: 0.012 min
Response: 527130
Conc: 2.84 ug/ml



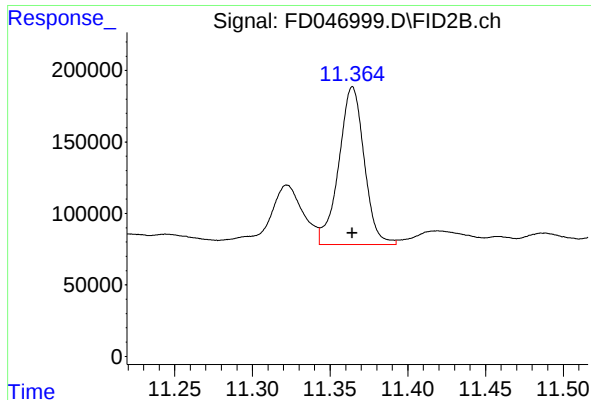
#8 Flouorene (C16.55)

R.T.: 9.210 min
Delta R.T.: 0.004 min
Response: 599049
Conc: 3.47 ug/ml



#10 Anthracene (C19.43)

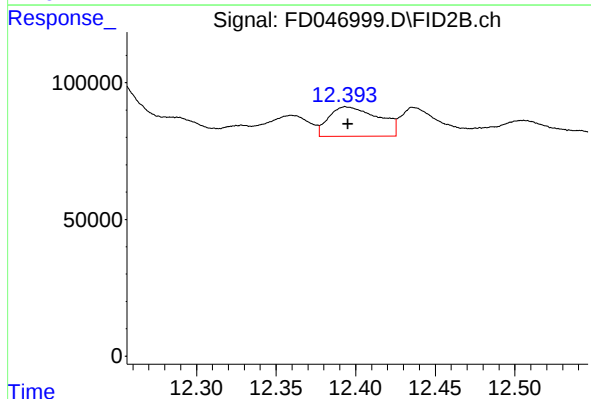
R.T.: 10.662 min
Delta R.T.: -0.006 min
Response: 2813738
Conc: 18.20 ug/ml



#11 ortho-Terphenyl (SURR)

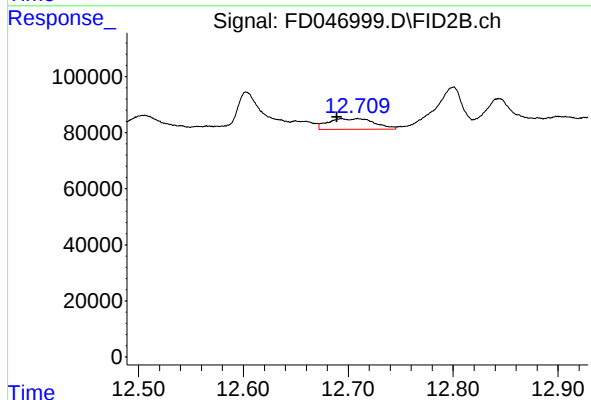
R.T.: 11.364 min
Delta R.T.: 0.000 min
Response: 1257802
Conc: 6.32 ug/ml

Instrument :
FID_D
ClientSampleId :



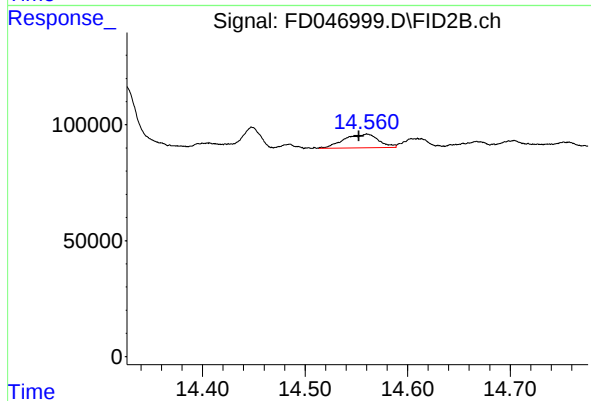
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.000 min
Response: 233253
Conc: 1.47 ug/ml



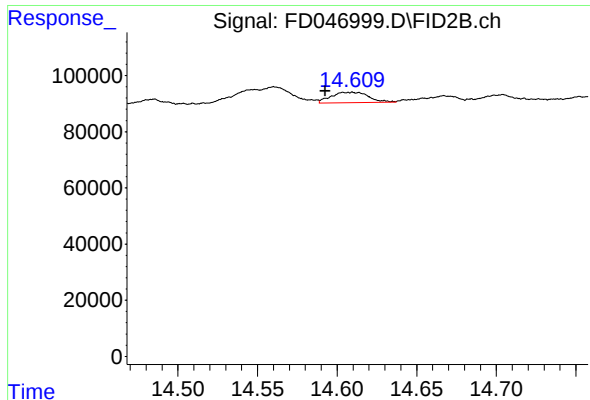
#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: 0.005 min
Response: 116364
Conc: 0.76 ug/ml



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

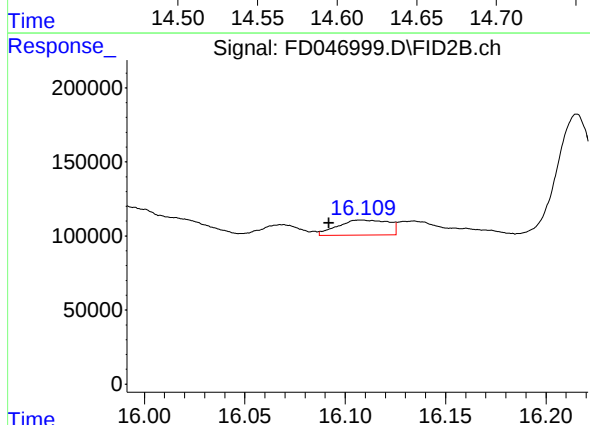
R.T.: 14.560 min
Delta R.T.: 0.008 min
Response: 137266
Conc: 1.06 ug/ml



#15 Chrysene (C27.41)

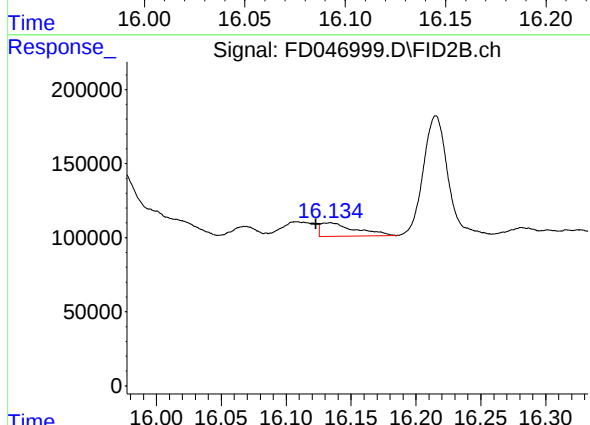
R.T.: 14.608 min
Delta R.T.: 0.015 min
Response: 60862
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



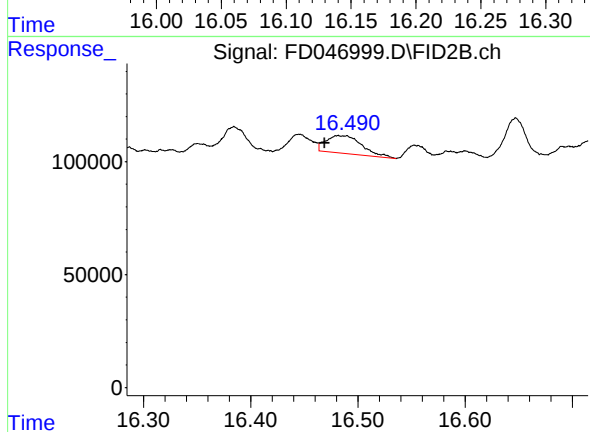
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.109 min
Delta R.T.: 0.017 min
Response: 179298
Conc: 1.34 ug/ml



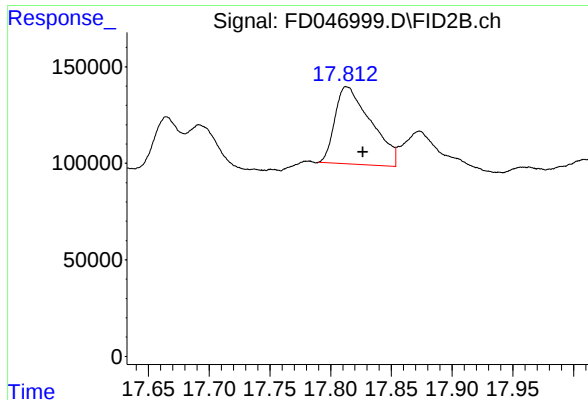
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.133 min
Delta R.T.: 0.010 min
Response: 172096
Conc: 1.26 ug/ml



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

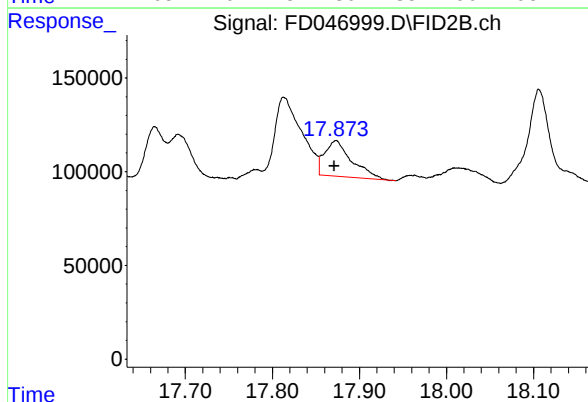
R.T.: 16.483 min
Delta R.T.: 0.014 min
Response: 181172
Conc: 1.38 ug/ml



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

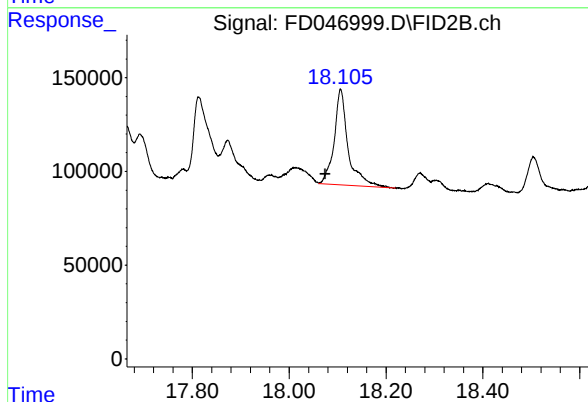
R.T.: 17.814 min
Delta R.T.: -0.013 min
Response: 825996
Conc: 6.92 ug/ml

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

R.T.: 17.873 min
Delta R.T.: 0.002 min
Response: 412260
Conc: 3.17 ug/ml



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

R.T.: 18.106 min
Delta R.T.: 0.032 min
Response: 1021700
Conc: 7.81 ug/ml