

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048826.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 10:37
 Operator : YP/AJ
 Sample : P5002-01D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 28 02:40:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.370	12599547	71.564 ug/ml
Spiked Amount 50.000		Recovery =	143.13%
6) S 2-Fluorobiphenyl (SURR)	8.225	7777249	67.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	135.06%#
11) S ortho-Terphenyl (SURR)	11.268	13586163	70.638 ug/ml
Spiked Amount 50.000		Recovery =	141.28%
Target Compounds			
2) T Naphthalene (C11.7)	5.705	321323	1.643 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	7955849	41.631 ug/ml
5) T Acenaphthylene (C15.06)	8.016	8498570	43.824 ug/ml
7) T Acenaphthene (C15.5)	8.316	2298021	11.947 ug/ml
8) T Fluorene (C16.55)	9.099	6134099	31.973 ug/ml
9) T Phenanthrene (C19.36)	10.495	12978689	70.805 ug/ml
10) T Anthracene (C19.43)	10.566	4587219	24.495 ug/ml
12) T Fluoranthene (C21.85)	12.296	7804730	42.620 ug/ml
13) T Pyrene (C20.8)	12.587	5498814	30.415 ug/ml
14) T Benzo[a]anthracene (C...	14.451	319034	1.939 ug/ml
15) T Chrysene (C27.41)	14.490	440554	2.517 ug/ml
16) T benzo[b]fluoranthene ...	16.000	332306	2.115 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	332306	2.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	170113	1.141 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.746	165795	1.342 ug/ml
20) T Dibenzo[a,h]anthracene...	17.746	165795	1.057 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	117625	0.824 ug/ml

(f)=RT Delta > 1/2 Window

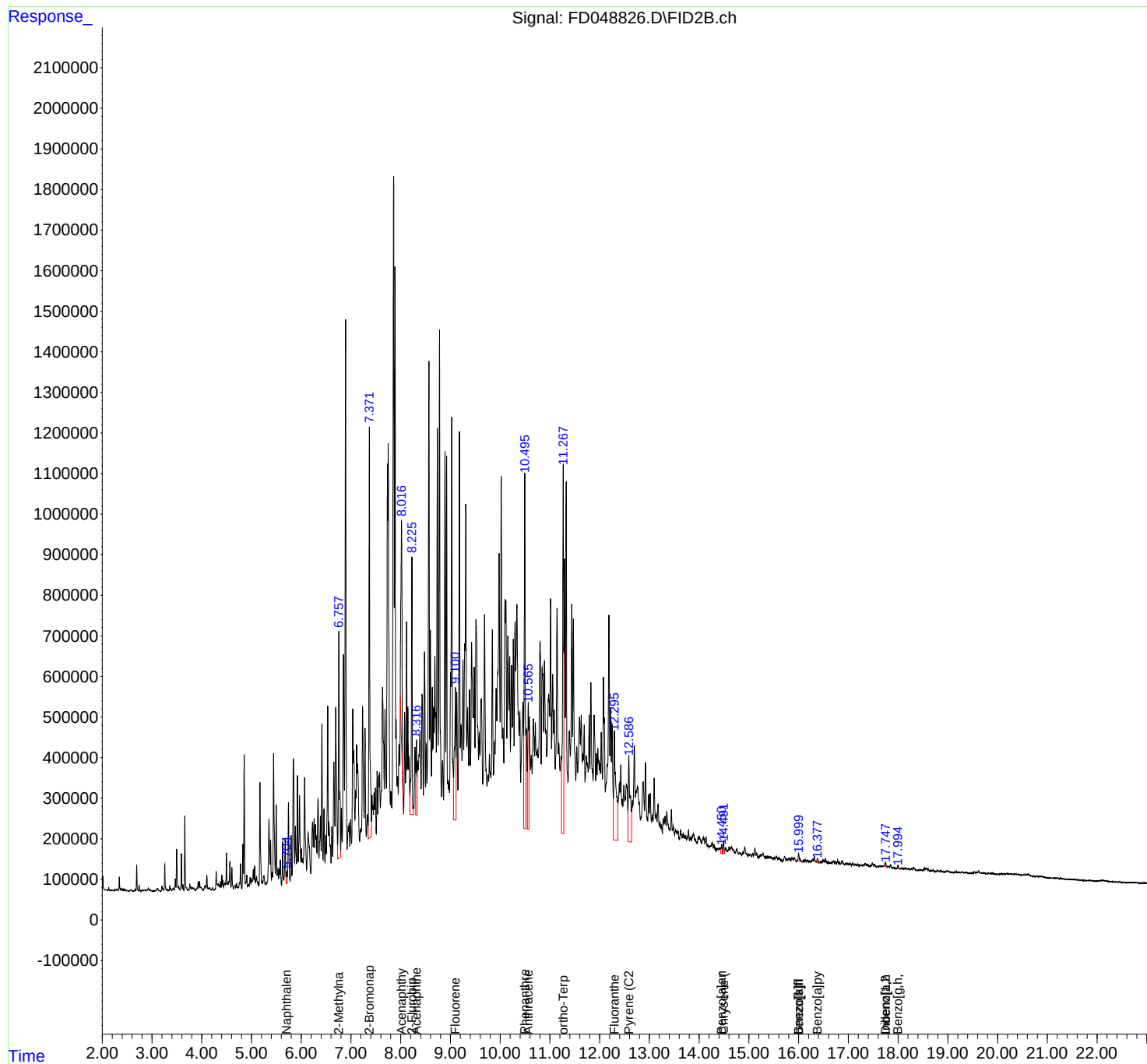
(m)=manual int.

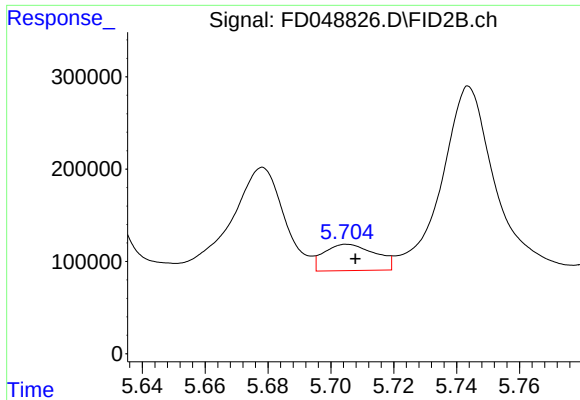
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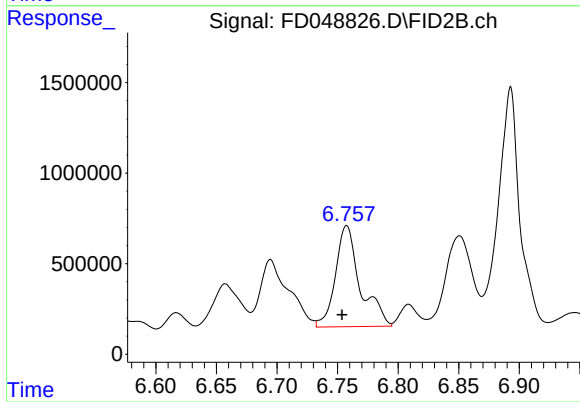




#2 Naphthalene (C11.7)

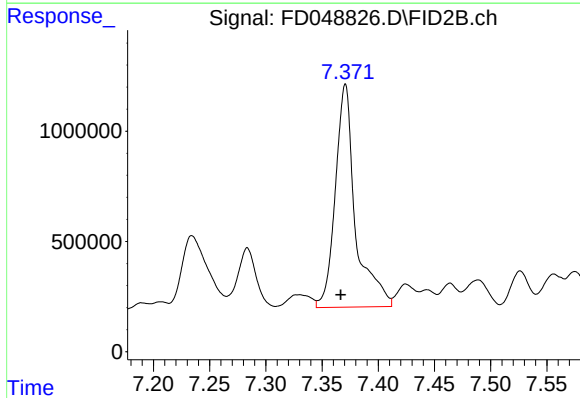
R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 321323
Conc: 1.64 ug/ml

Instrument :
FID_D
ClientSampleId :



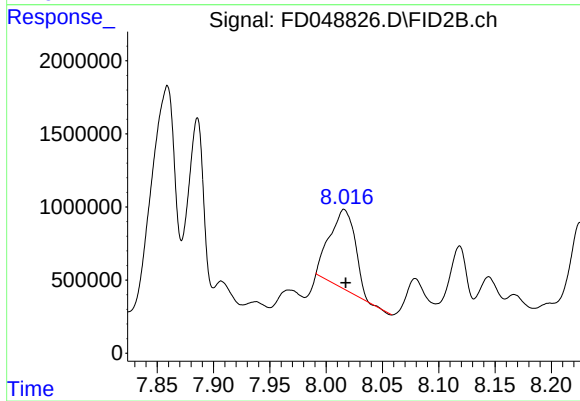
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 7955849
Conc: 41.63 ug/ml



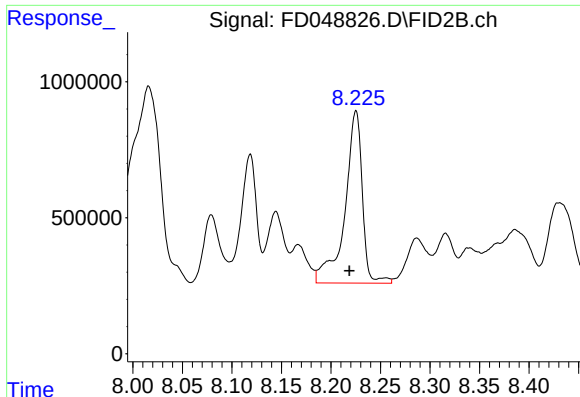
#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min
Delta R.T.: 0.004 min
Response: 12599547
Conc: 71.56 ug/ml



#5 Acenaphthylene (C15.06)

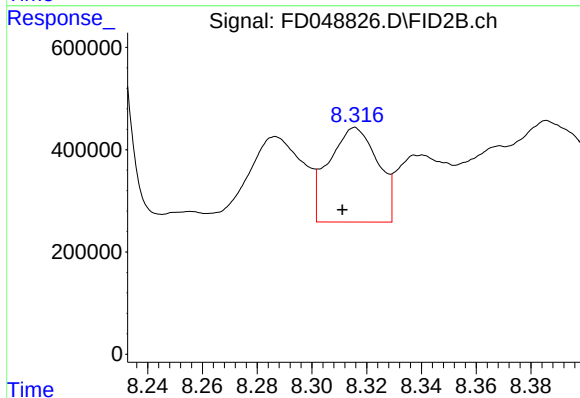
R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 8498570
Conc: 43.82 ug/ml



#6 2-Fluorobiphenyl (SURR)

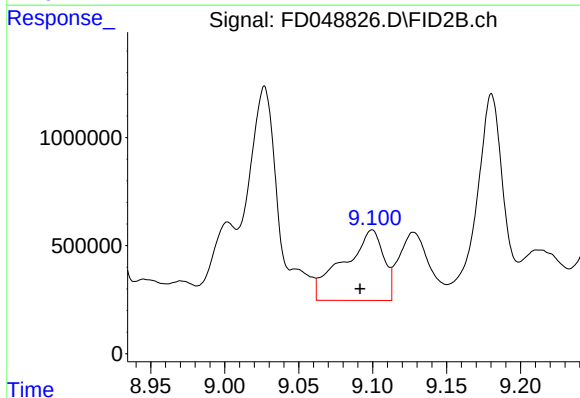
R.T.: 8.225 min
Delta R.T.: 0.006 min
Response: 7777249
Conc: 67.53 ug/ml

Instrument :
FID_D
ClientSampleId :



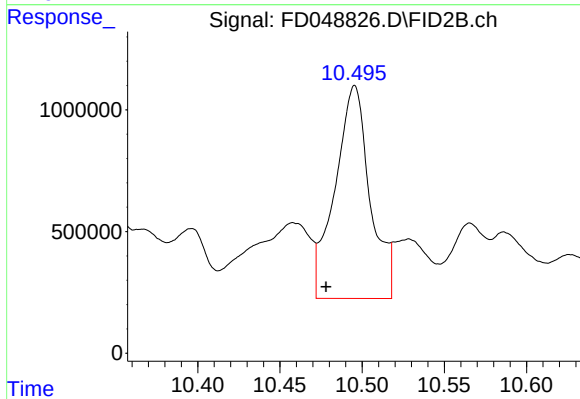
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: 0.005 min
Response: 2298021
Conc: 11.95 ug/ml



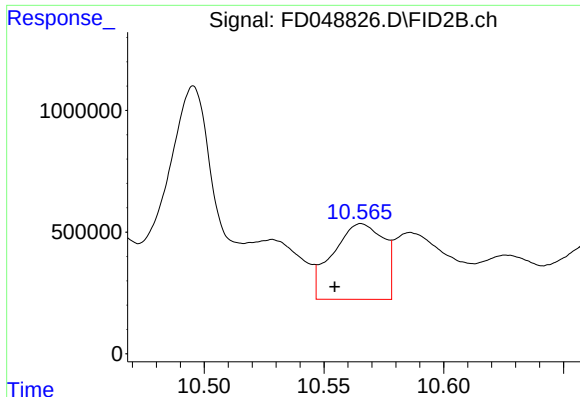
#8 Flouorene (C16.55)

R.T.: 9.099 min
Delta R.T.: 0.008 min
Response: 6134099
Conc: 31.97 ug/ml



#9 Phenanthrene (C19.36)

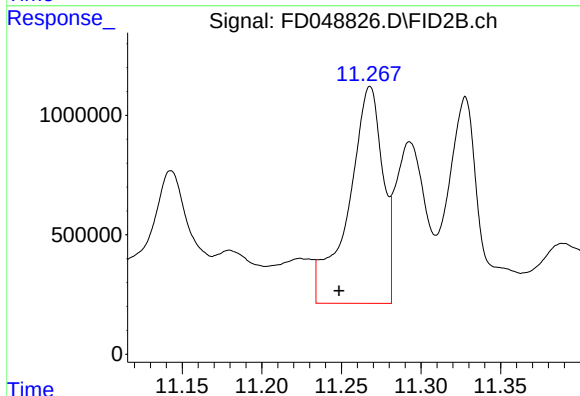
R.T.: 10.495 min
Delta R.T.: 0.017 min
Response: 12978689
Conc: 70.80 ug/ml



#10 Anthracene (C19.43)

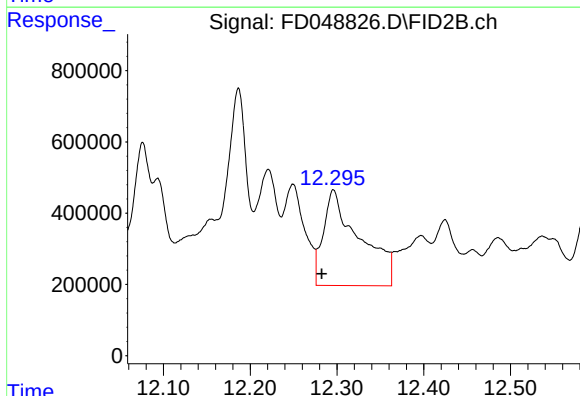
R.T.: 10.566 min
Delta R.T.: 0.011 min
Response: 4587219
Conc: 24.50 ug/ml

Instrument :
FID_D
ClientSampleId :



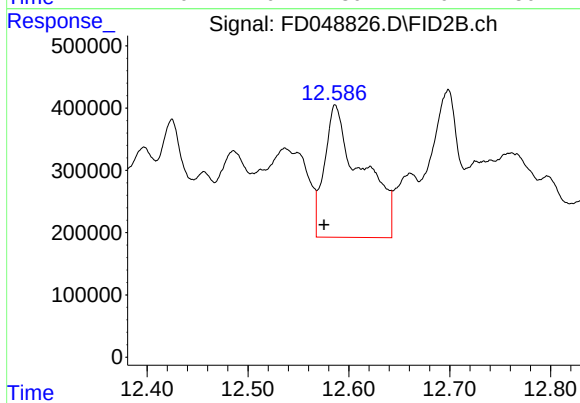
#11 ortho-Terphenyl (SURR)

R.T.: 11.268 min
Delta R.T.: 0.019 min
Response: 13586163
Conc: 70.64 ug/ml



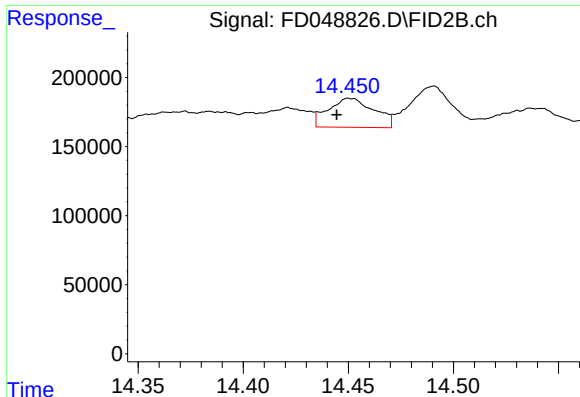
#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: 0.014 min
Response: 7804730
Conc: 42.62 ug/ml



#13 Pyrene (C20.8)

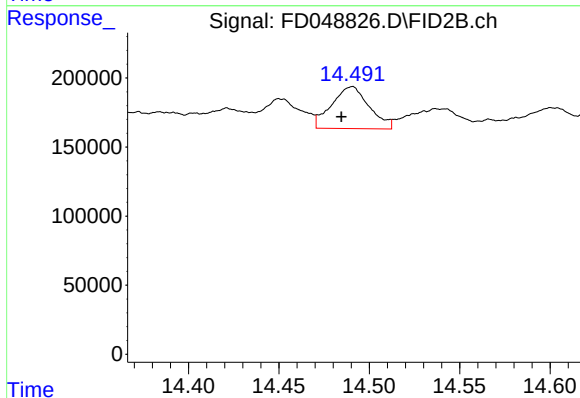
R.T.: 12.587 min
Delta R.T.: 0.012 min
Response: 5498814
Conc: 30.41 ug/ml



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

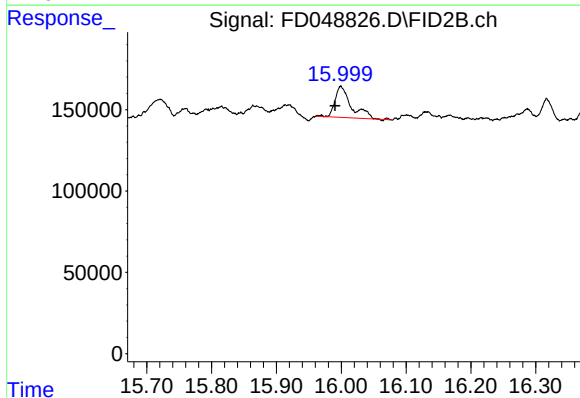
R.T.: 14.451 min
Delta R.T.: 0.006 min
Response: 319034
Conc: 1.94 ug/ml

Instrument :
FID_D
ClientSampleId :



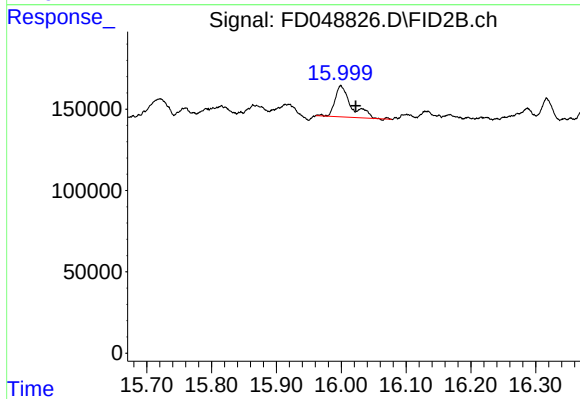
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.006 min
Response: 440554
Conc: 2.52 ug/ml



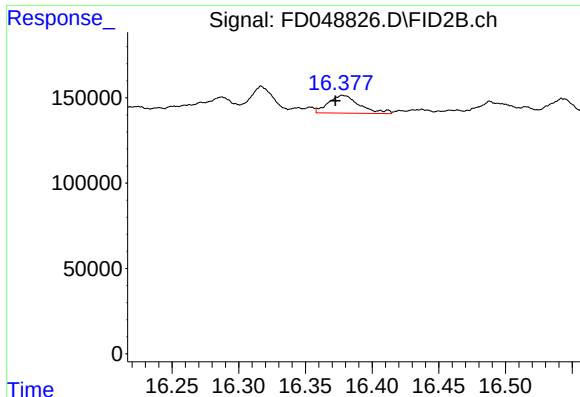
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: 0.009 min
Response: 332306
Conc: 2.12 ug/ml



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

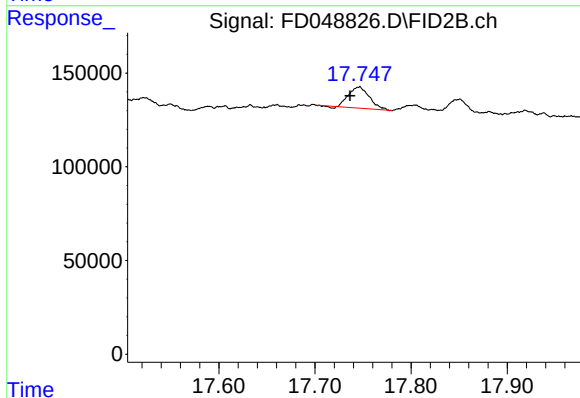
R.T.: 16.000 min
Delta R.T.: -0.023 min
Response: 332306
Conc: 2.04 ug/ml



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

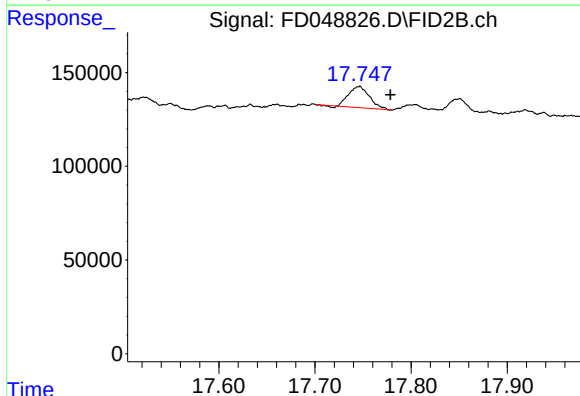
R.T.: 16.378 min
Delta R.T.: 0.006 min
Response: 170113
Conc: 1.14 ug/ml

Instrument :
FID_D
ClientSampleId :



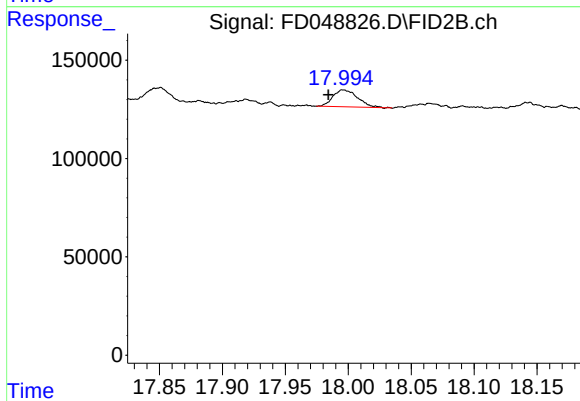
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.746 min
Delta R.T.: 0.009 min
Response: 165795
Conc: 1.34 ug/ml



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

R.T.: 17.746 min
Delta R.T.: -0.033 min
Response: 165795
Conc: 1.06 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.013 min
Response: 117625
Conc: 0.82 ug/ml