

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037074.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 11:33
 Operator : DD\AJ
 Sample : M2090-18
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 13:22:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.579	7582534	64.130 ug/ml
Spiked Amount 50.000		Recovery =	128.26%
6) S 2-Fluorobiphenyl (SURR)	8.440	4841607	62.746 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.49%
11) S ortho-Terphenyl (SURR)	11.479	3495983	28.304 ug/ml
Spiked Amount 50.000		Recovery =	56.61%
Target Compounds			
2) T Naphthalene (C11.7)	5.912	118590	0.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.963	109732	0.818 ug/ml
5) T Acenaphthylene (C15.06)	8.237	285698	2.284 ug/ml
7) T Acenaphthene (C15.5)	8.533	736823	5.702 ug/ml
8) T Flouorene (C16.55)	9.312	778178	6.353 ug/ml
9) T Phenanthrene (C19.36)	10.716	6785621	57.564 ug/ml
10) T Anthracene (C19.43)	10.785	1817655	15.780 ug/ml
12) T Fluoranthene (C21.85)	12.530	7918883	67.899 ug/ml
13) T Pyrene (C20.8)	12.826	6461056	56.123 ug/ml
14) T Benzo[a]anthracene (C...	14.690	3072028	27.912 ug/ml
15) T Chrysene (C27.41)	14.731	2723248	24.056 ug/ml
16) T benzo[b]fluoranthene ...	16.242	3051768	27.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	1087670	10.099 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	2271994	21.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	1544978	14.524 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	411511	3.939 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	1159150	10.852 ug/ml

(f)=RT Delta > 1/2 Window

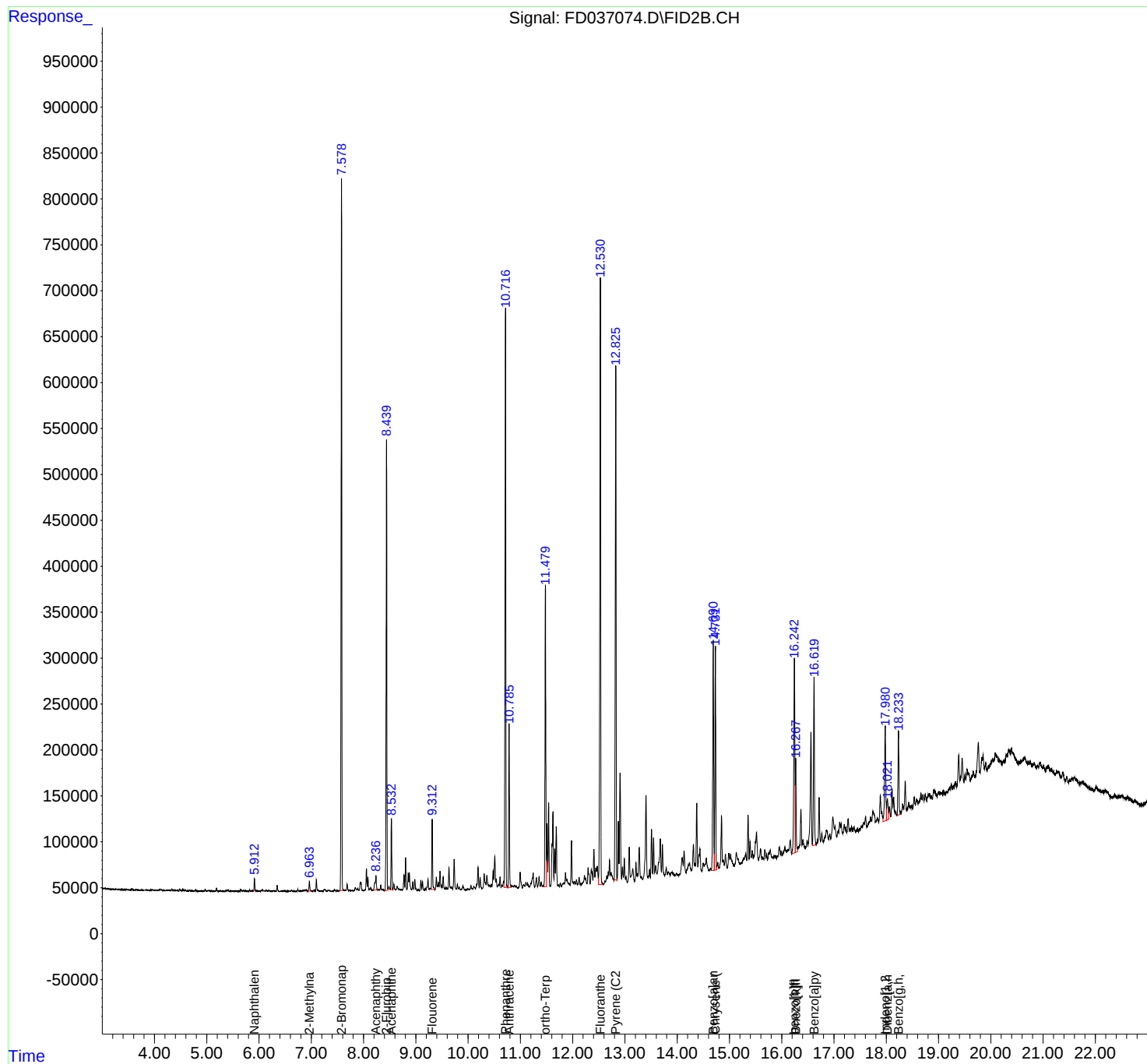
(m)=manual int.

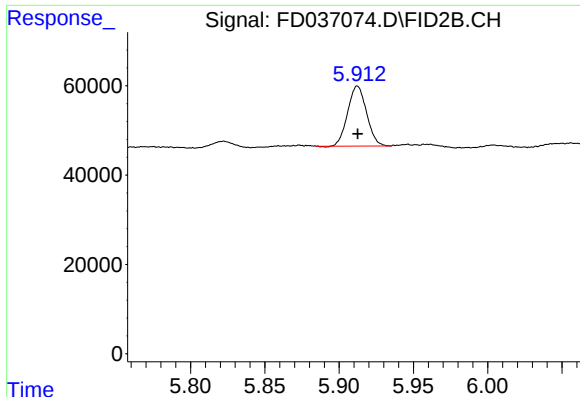
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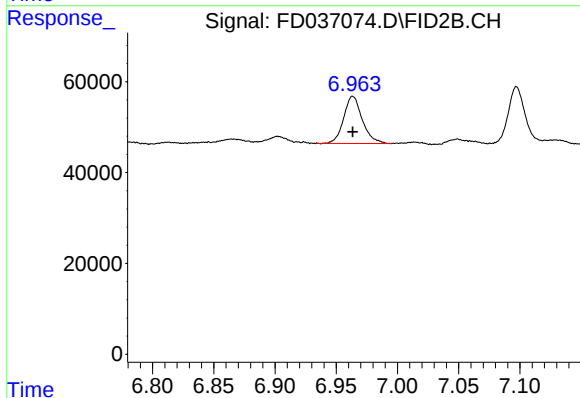




#2 Naphthalene (C11.7)

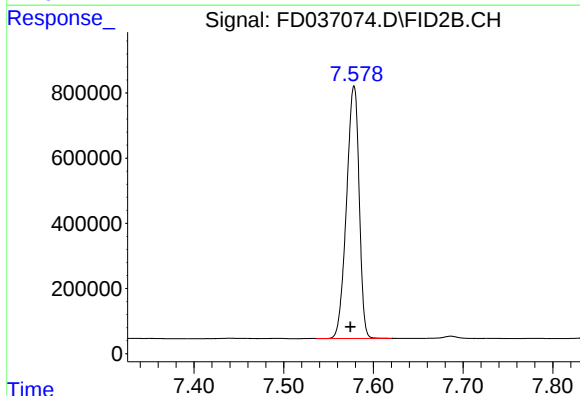
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 118590
Conc: 0.86 ug/ml

Instrument :
FID_D
ClientSampleId :



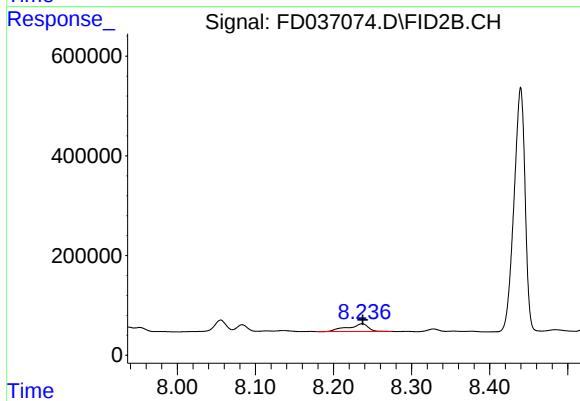
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 109732
Conc: 0.82 ug/ml



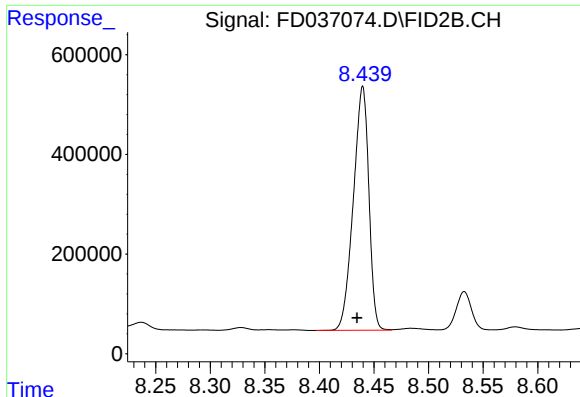
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: 0.004 min
Response: 7582534
Conc: 64.13 ug/ml



#5 Acenaphthylene (C15.06)

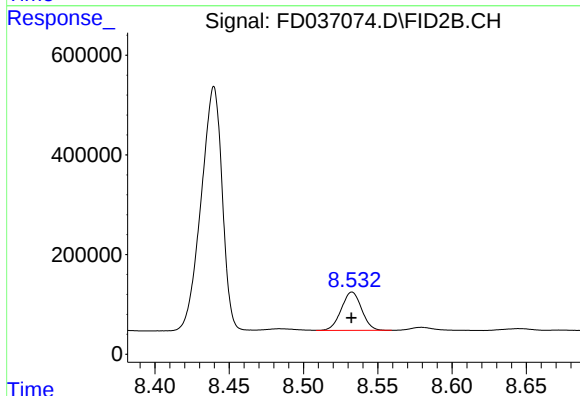
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 285698
Conc: 2.28 ug/ml



#6 2-Fluorobiphenyl (SURR)

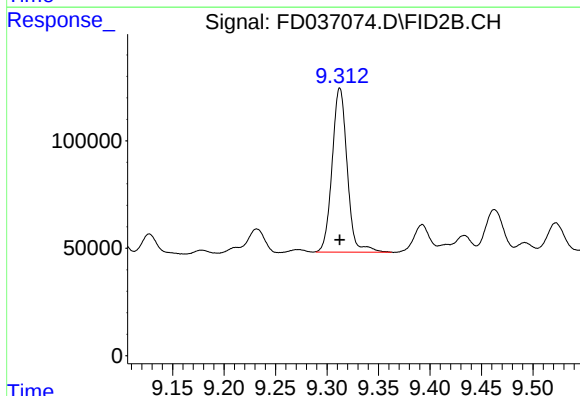
R.T.: 8.440 min
Delta R.T.: 0.005 min
Response: 4841607
Conc: 62.75 ug/ml

Instrument :
FID_D
ClientSampleId :



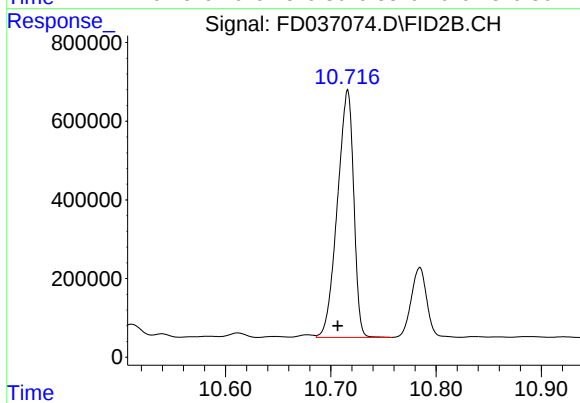
#7 Acenaphthene (C15.5)

R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 736823
Conc: 5.70 ug/ml



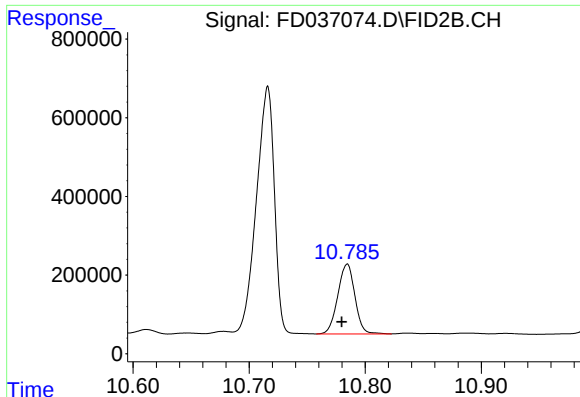
#8 Flouorene (C16.55)

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 778178
Conc: 6.35 ug/ml



#9 Phenanthrene (C19.36)

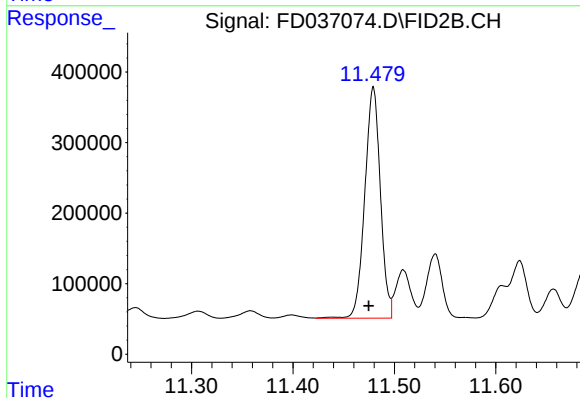
R.T.: 10.716 min
Delta R.T.: 0.009 min
Response: 6785621
Conc: 57.56 ug/ml



#10 Anthracene (C19.43)

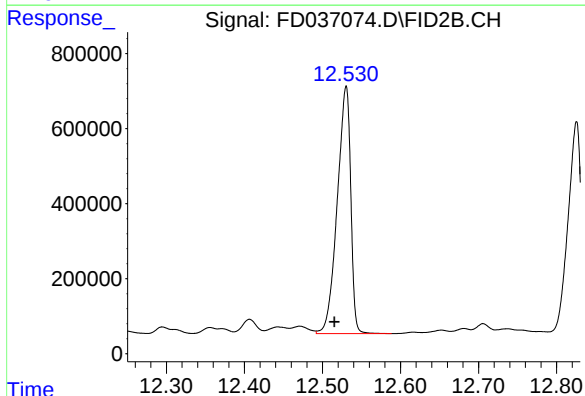
R.T.: 10.785 min
Delta R.T.: 0.005 min
Response: 1817655
Conc: 15.78 ug/ml

Instrument :
FID_D
ClientSampleId :



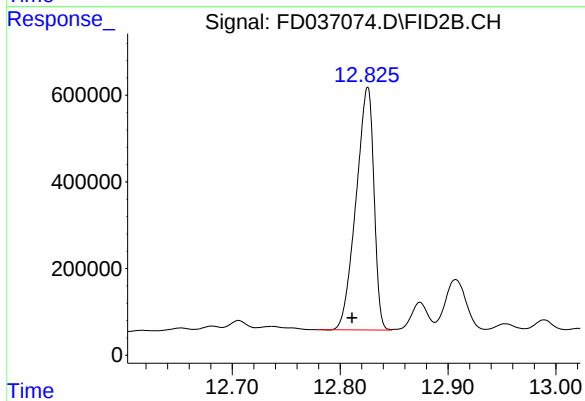
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: 0.005 min
Response: 3495983
Conc: 28.30 ug/ml



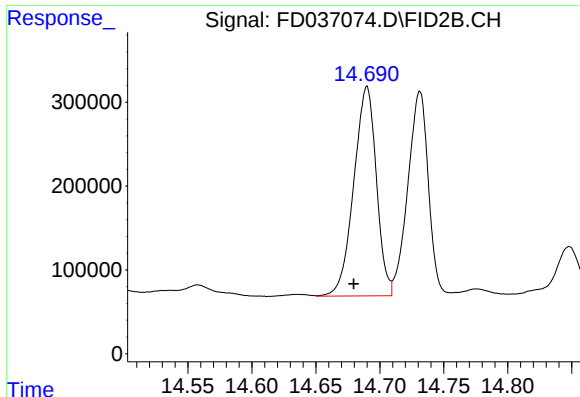
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: 0.015 min
Response: 7918883
Conc: 67.90 ug/ml



#13 Pyrene (C20.8)

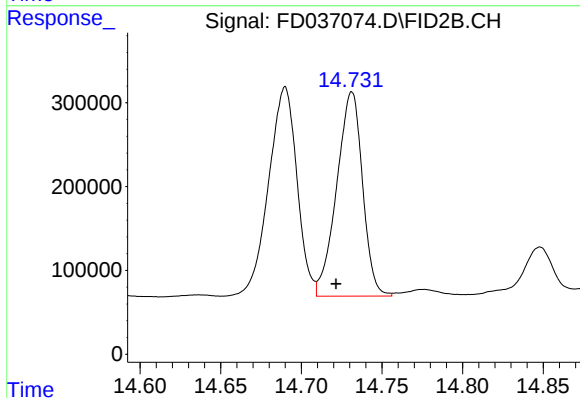
R.T.: 12.826 min
Delta R.T.: 0.014 min
Response: 6461056
Conc: 56.12 ug/ml



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

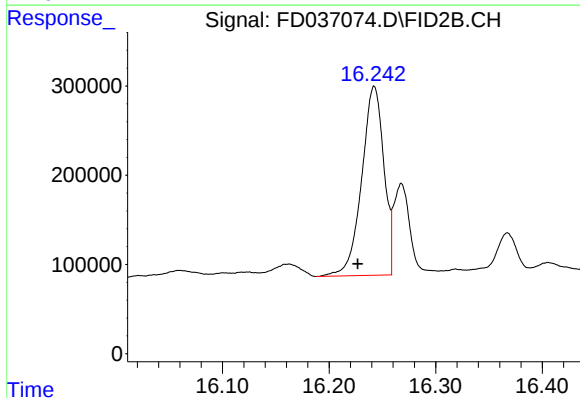
R.T.: 14.690 min
Delta R.T.: 0.010 min
Response: 3072028
Conc: 27.91 ug/ml

Instrument :
FID_D
ClientSampleId :



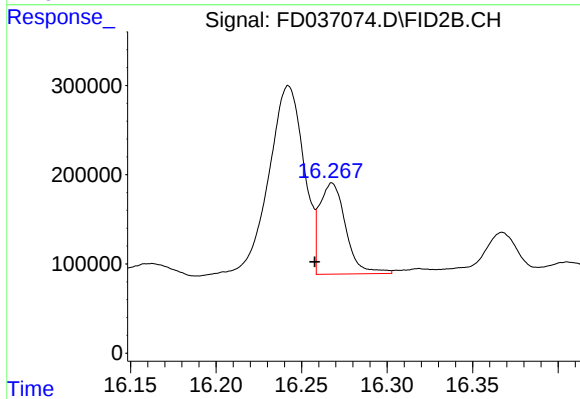
#15 Chrysene (C27.41)

R.T.: 14.731 min
Delta R.T.: 0.010 min
Response: 2723248
Conc: 24.06 ug/ml



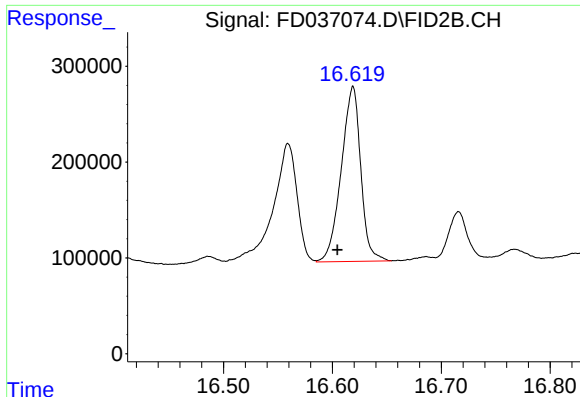
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.242 min
Delta R.T.: 0.015 min
Response: 3051768
Conc: 27.21 ug/ml



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

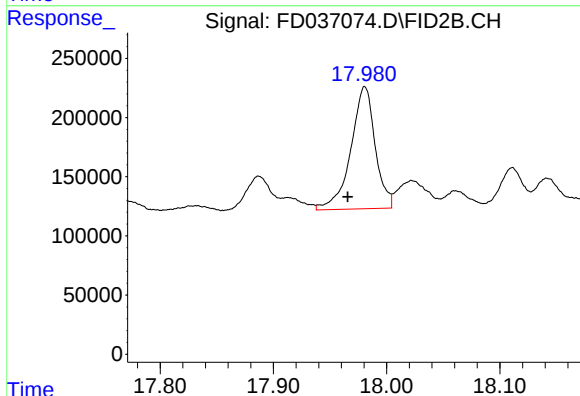
R.T.: 16.268 min
Delta R.T.: 0.010 min
Response: 1087670
Conc: 10.10 ug/ml



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

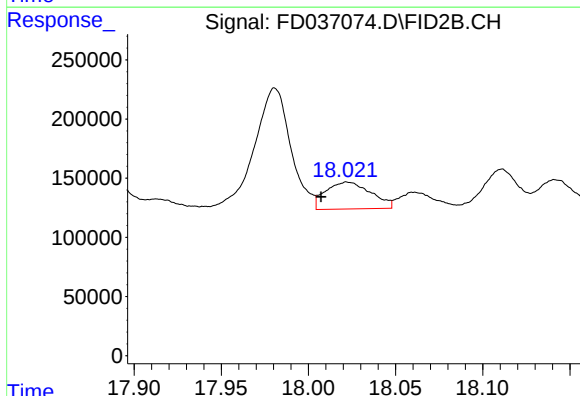
R.T.: 16.619 min
Delta R.T.: 0.014 min
Response: 2271994
Conc: 21.95 ug/ml

Instrument :
FID_D
ClientSampleId :



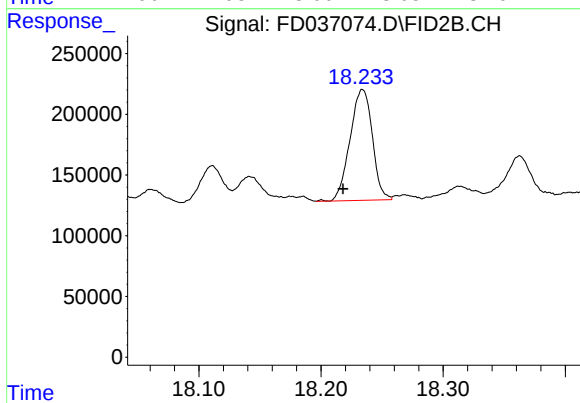
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: 0.015 min
Response: 1544978
Conc: 14.52 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.015 min
Response: 411511
Conc: 3.94 ug/ml



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

R.T.: 18.234 min
Delta R.T.: 0.016 min
Response: 1159150
Conc: 10.85 ug/ml