

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031388.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 15:44
 Operator : DD\AJ
 Sample : K5725-08
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-3

Integration File: autoint1.e
 Quant Time: Nov 08 16:59:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.646	14838329	124.654 ug/ml
Spiked Amount 50.000		Recovery =	249.31%
6) S 2-Fluorobiphenyl (SURR)	8.514	9497678	115.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	230.55%#
11) S ortho-Terphenyl (SURR)	11.563	14401702	112.543 ug/ml
Spiked Amount 50.000		Recovery =	225.09%
Target Compounds			
2) T Naphthalene (C11.7)	5.975	3298540	25.619 ug/ml
3) T 2-Methylnaphthalene (...)	7.036	7840562	61.050 ug/ml
5) T Acenaphthylene (C15.06)	8.311	13023921	103.456 ug/ml
7) T Acenaphthene (C15.5)	8.602	5732222	43.780 ug/ml
8) T Fluorene (C16.55)	9.394	8404005	64.278 ug/ml
9) T Phenanthrene (C19.36)	10.802	27123187	205.858 ug/ml
10) T Anthracene (C19.43)	10.874	16336016	126.689 ug/ml
12) T Fluoranthene (C21.85)	12.610	17462412	131.766 ug/ml
13) T Pyrene (C20.8)	12.902	11161678	84.752 ug/ml
14) T Benzo[a]anthracene (C...	14.752	2518158	19.893 ug/ml
15) T Chrysene (C27.41)	14.794	2379052	18.757 ug/ml
16) T benzo[b]fluoranthene ...	16.326	1302451	10.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	1302451	10.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	3125441	25.185 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.073	707235	5.814 ug/ml
20) T Dibenz[a,h]anthracene...	18.114	334308	2.700 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2330001	19.315 ug/ml

(f)=RT Delta > 1/2 Window

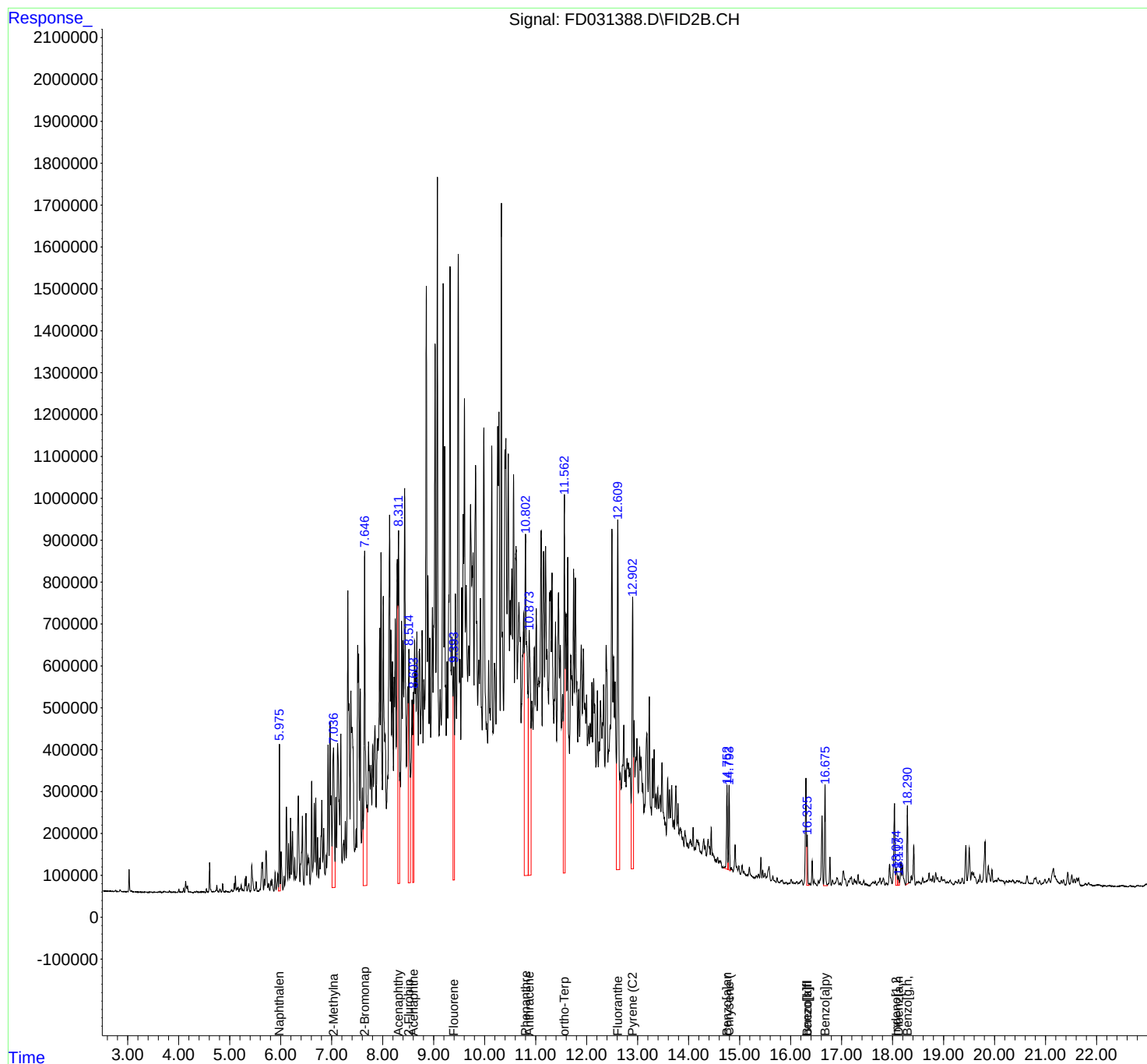
(m)=manual int.

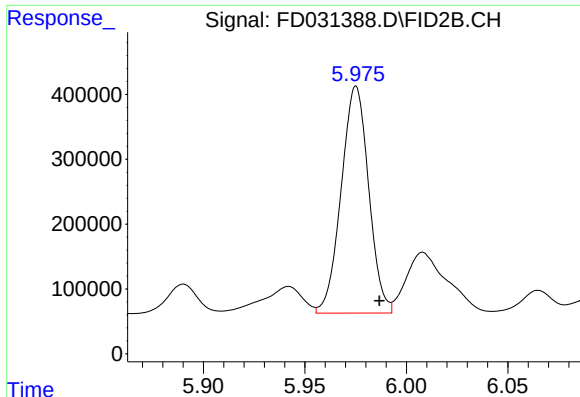
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Signal Info : 20M x 0.18mm x 0.18µm

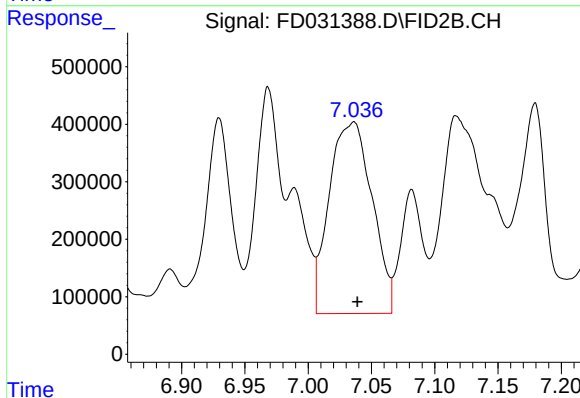




#2 Naphthalene (C11.7)

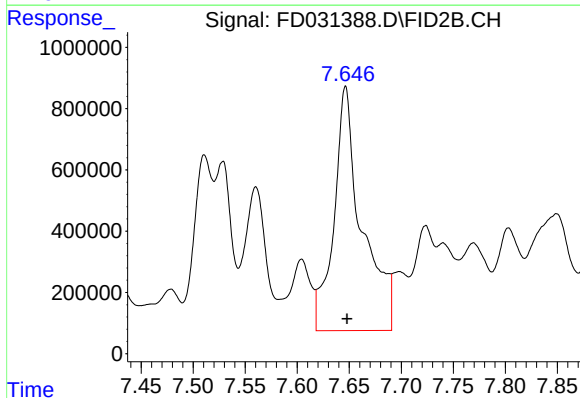
R.T.: 5.975 min
Delta R.T.: -0.012 min
Response: 3298540
Conc: 25.62 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



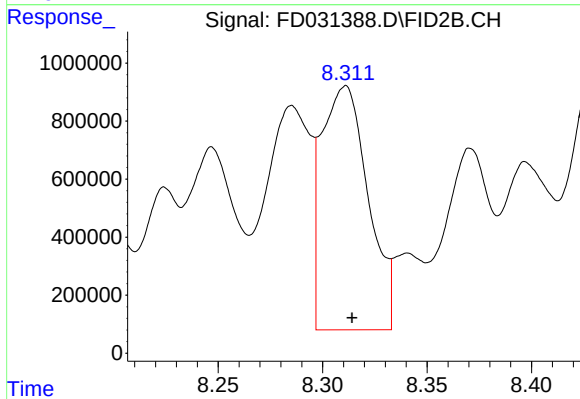
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 7840562
Conc: 61.05 ug/ml



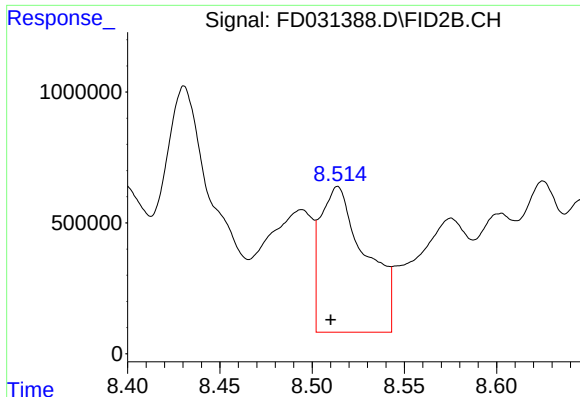
#4 2-Bromonaphthalene (SURR)

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 14838329
Conc: 124.65 ug/ml



#5 Acenaphthylene (C15.06)

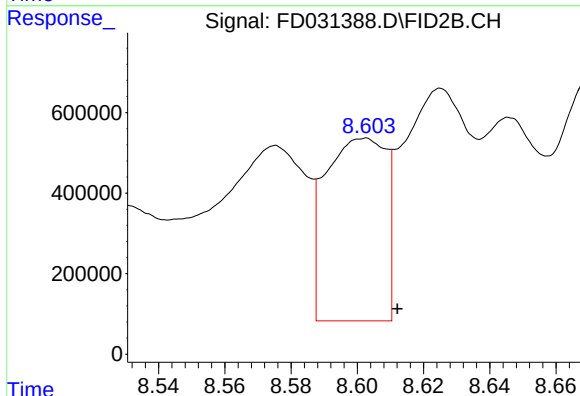
R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 13023921
Conc: 103.46 ug/ml



#6 2-Fluorobiphenyl (SURR)

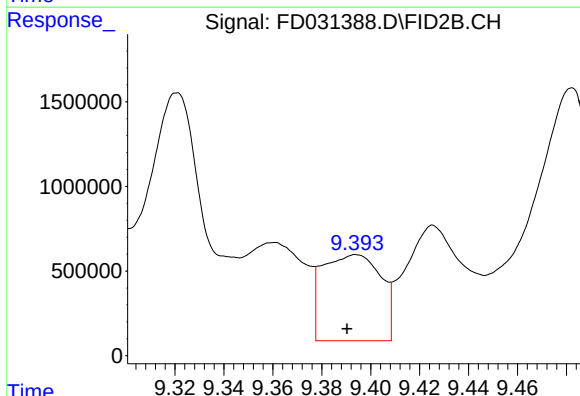
R.T.: 8.514 min
Delta R.T.: 0.004 min
Response: 9497678
Conc: 115.27 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



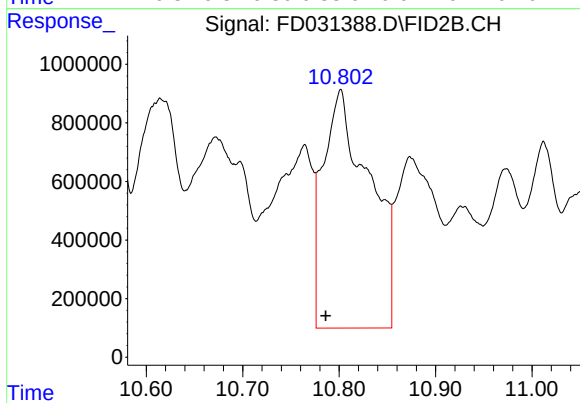
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: -0.010 min
Response: 5732222
Conc: 43.78 ug/ml



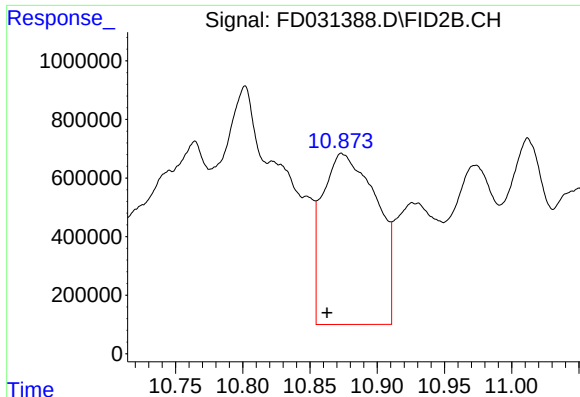
#8 Flouorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.004 min
Response: 8404005
Conc: 64.28 ug/ml



#9 Phenanthrene (C19.36)

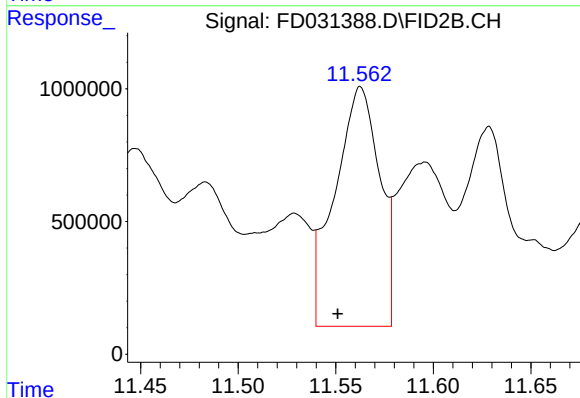
R.T.: 10.802 min
Delta R.T.: 0.015 min
Response: 27123187
Conc: 205.86 ug/ml



#10 Anthracene (C19.43)

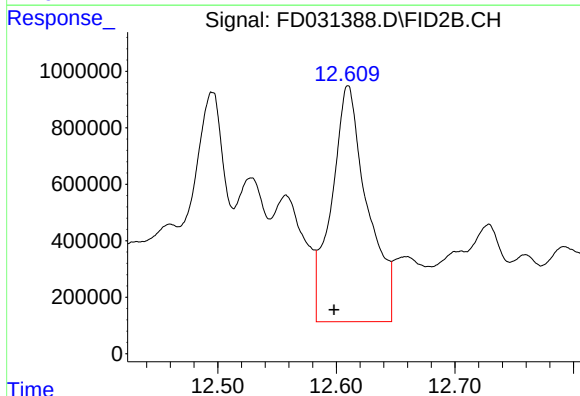
R.T.: 10.874 min
Delta R.T.: 0.011 min
Response: 16336016
Conc: 126.69 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



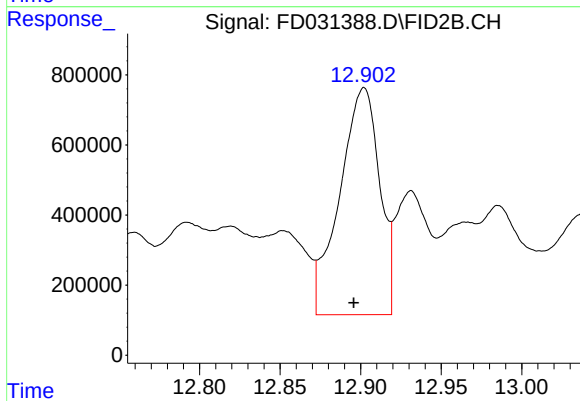
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: 0.012 min
Response: 14401702
Conc: 112.54 ug/ml



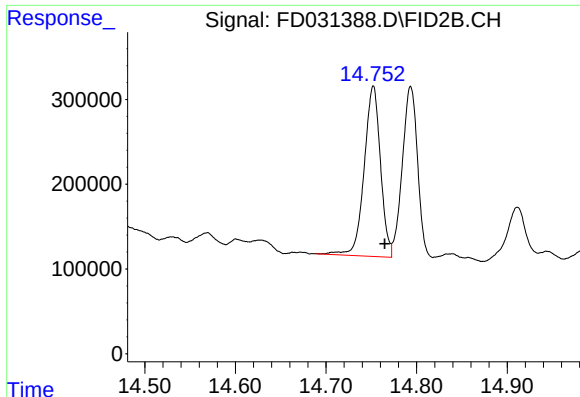
#12 Fluoranthene (C21.85)

R.T.: 12.610 min
Delta R.T.: 0.012 min
Response: 17462412
Conc: 131.77 ug/ml



#13 Pyrene (C20.8)

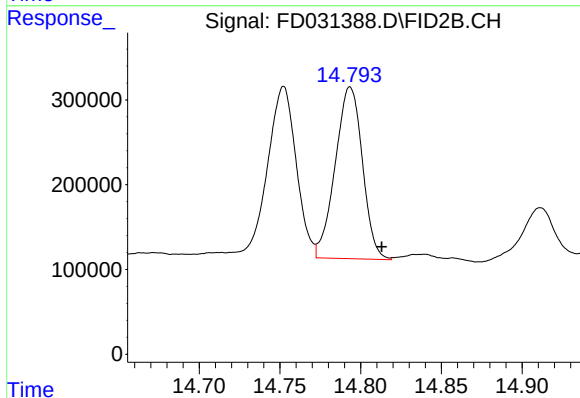
R.T.: 12.902 min
Delta R.T.: 0.006 min
Response: 11161678
Conc: 84.75 ug/ml



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

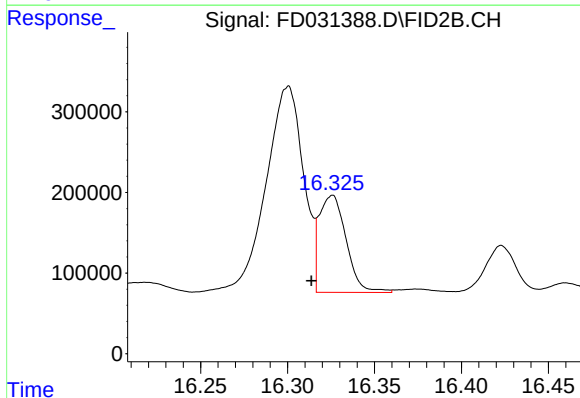
R.T.: 14.752 min
Delta R.T.: -0.012 min
Response: 2518158
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



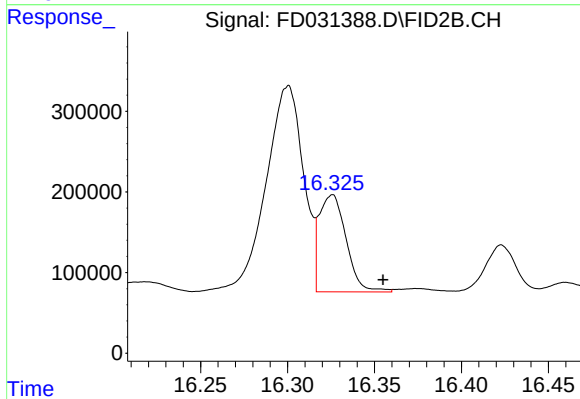
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.019 min
Response: 2379052
Conc: 18.76 ug/ml



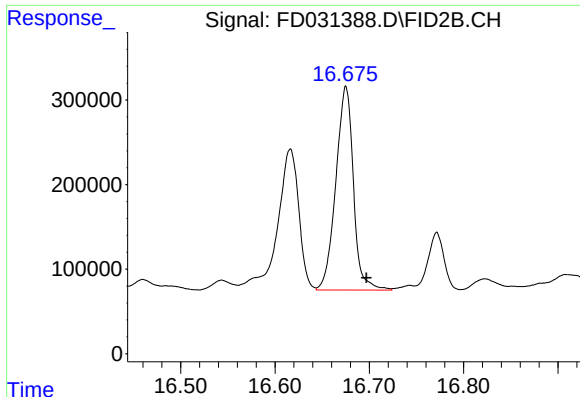
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.326 min
Delta R.T.: 0.012 min
Response: 1302451
Conc: 10.38 ug/ml



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

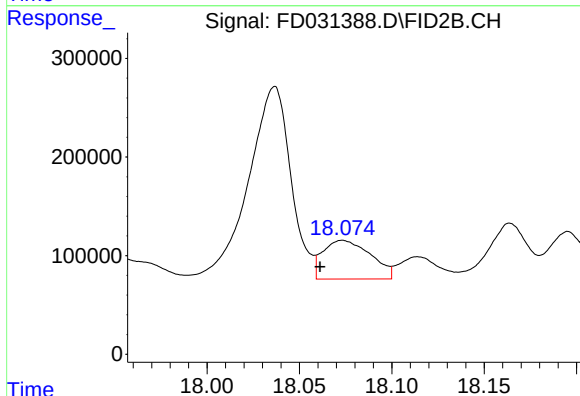
R.T.: 16.326 min
Delta R.T.: -0.029 min
Response: 1302451
Conc: 10.35 ug/ml



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

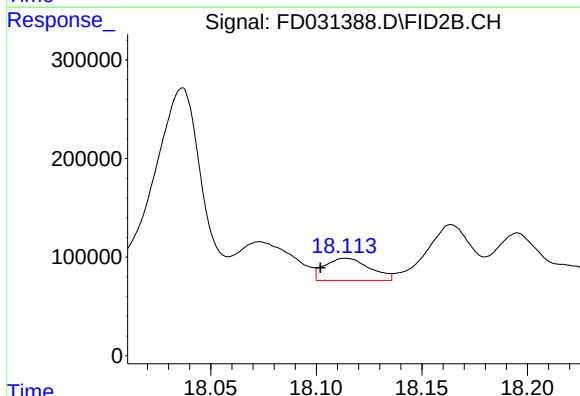
R.T.: 16.675 min
Delta R.T.: -0.022 min
Response: 3125441
Conc: 25.19 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



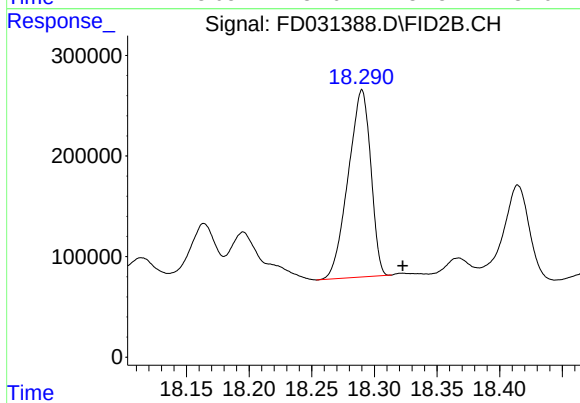
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.073 min
Delta R.T.: 0.012 min
Response: 707235
Conc: 5.81 ug/ml



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

R.T.: 18.114 min
Delta R.T.: 0.012 min
Response: 334308
Conc: 2.70 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.033 min
Response: 2330001
Conc: 19.31 ug/ml