

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022353.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 4:47
 Operator : UA/AJ
 Sample : J1723-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 05:46:27 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.336	6699570	79.969 ug/ml
Spiked Amount 50.000		Recovery =	159.94%
6) S 2-Fluorobiphenyl (SURR)	8.193	4611866	91.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	182.44%#
11) S ortho-Terphenyl (SURR)	11.223	4486005	47.270 ug/ml
Spiked Amount 50.000		Recovery =	94.54%
Target Compounds			
2) T Naphthalene (C11.7)	5.691	70497	0.788 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	61651	0.679 ug/ml
5) T Acenaphthylene (C15.06)	8.005	72000	0.752 ug/ml
7) T Acenaphthene (C15.5)	8.290	110646	1.080 ug/ml
8) T Fluorene (C16.55)	9.080	75791	0.808 ug/ml
9) T Phenanthrene (C19.36)	10.460	1048392	11.252 ug/ml
10) T Anthracene (C19.43)	10.544	244239	2.576 ug/ml
12) T Fluoranthene (C21.85)	12.269	2011229	20.051 ug/ml
13) T Pyrene (C20.8)	12.564	1874505	18.450 ug/ml
14) T Benzo[a]anthracene (C...	14.442	1028647	10.667 ug/ml
15) T Chrysene (C27.41)	14.482	1190995	11.035 ug/ml
16) T benzo[b]fluoranthene ...	16.001	1351311	13.442 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	502409	4.427 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	1047027	9.963 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.768	744603	7.815 ug/ml
20) T Dibenz[a,h]anthracene...	17.807	124446	1.095 ug/ml
21) T Benzo[a,h,i]pervylene ...	18.018	511246	4.922 ug/ml

(f)=RT Delta > 1/2 Window

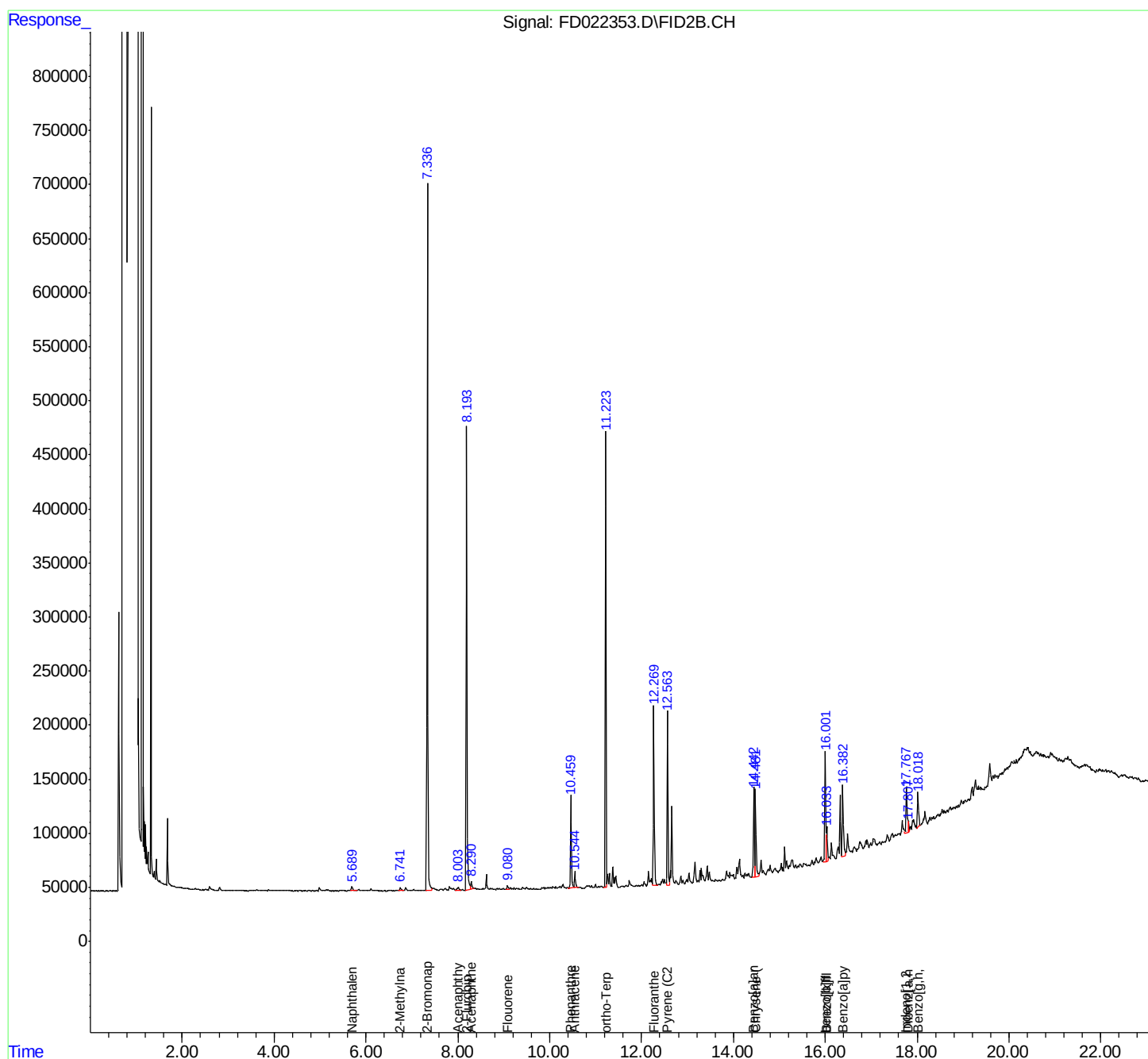
(m)=manual int.

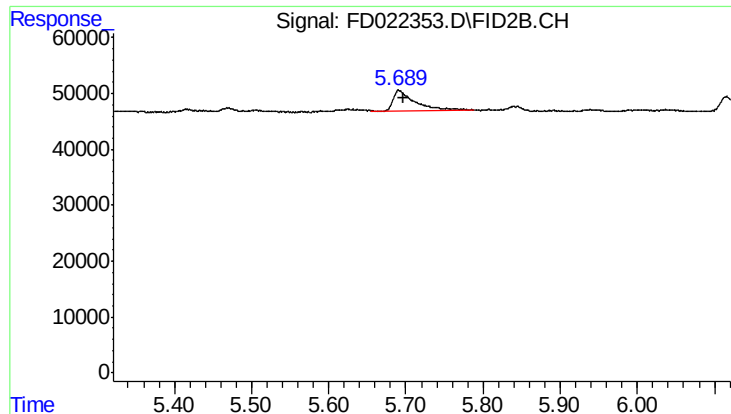
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Signal Info : 20M x 0.18mm x 0.18µm

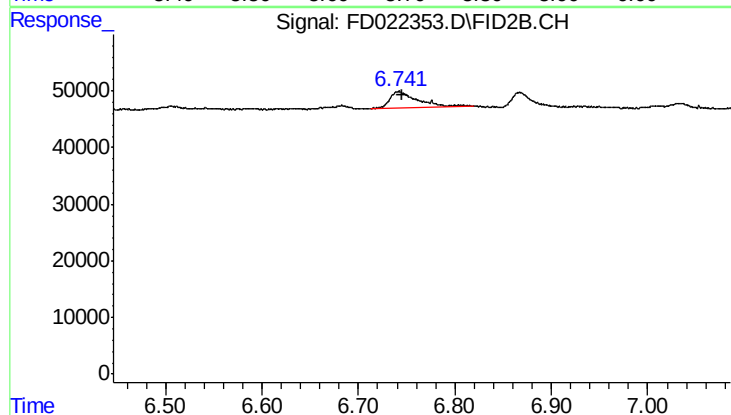




#2 Naphthalene (C11.7)

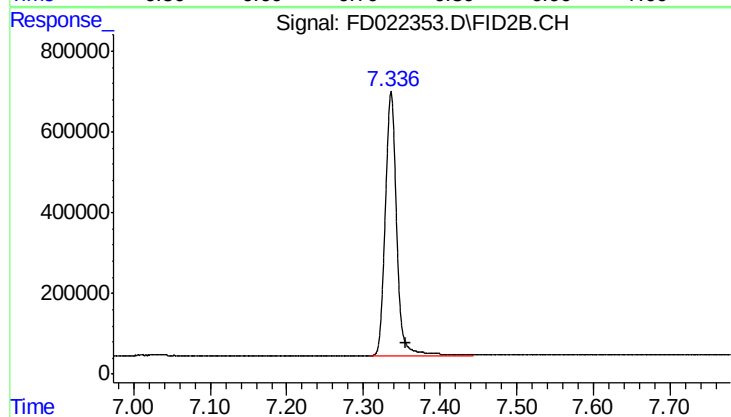
R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 70497
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



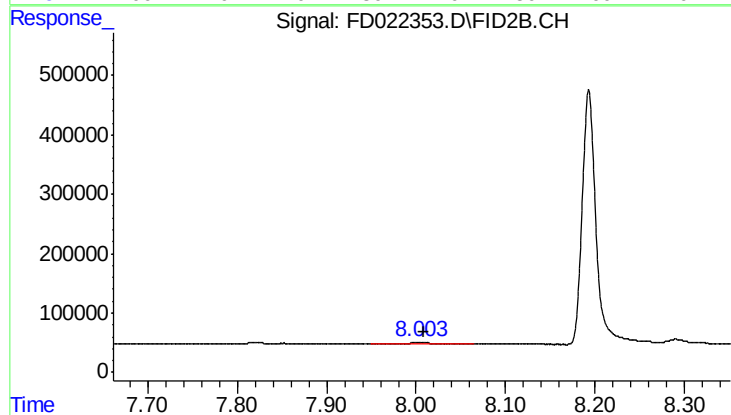
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 61651
Conc: 0.68 ug/ml



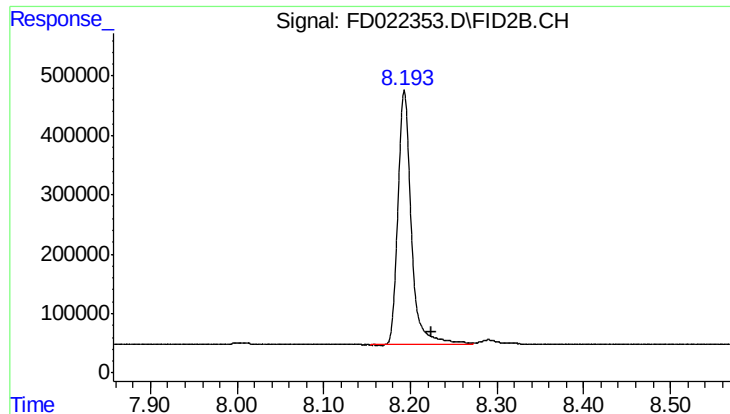
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.019 min
Response: 6699570
Conc: 79.97 ug/ml



#5 Acenaphthylene (C15.06)

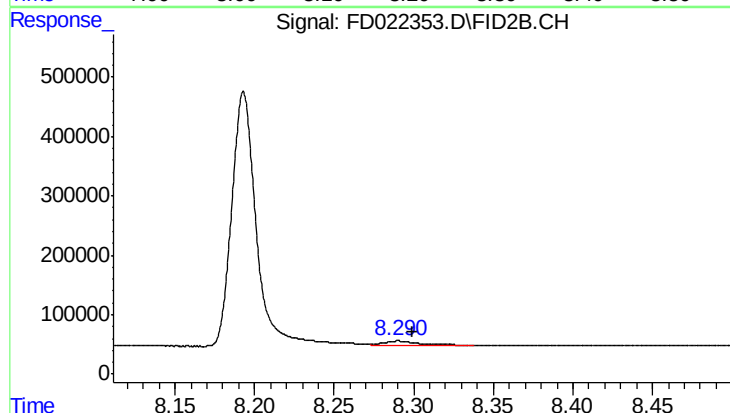
R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 72000
Conc: 0.75 ug/ml



#6 2-Fluorobiphenyl (SURR)

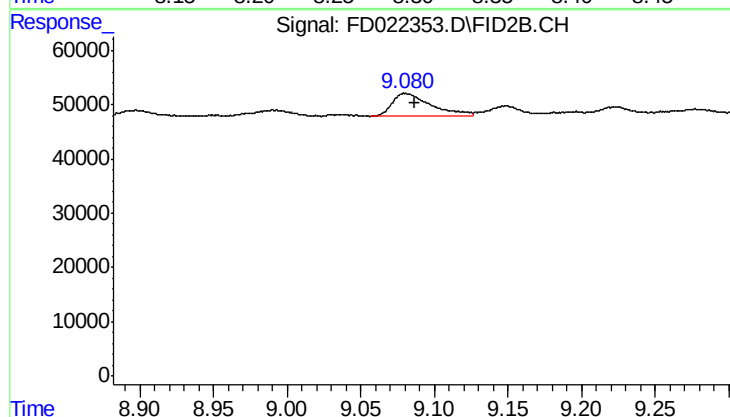
R.T.: 8.193 min
Delta R.T.: -0.031 min
Response: 4611866
Conc: 91.22 ug/ml

Instrument :
FID_D
ClientSampleId :



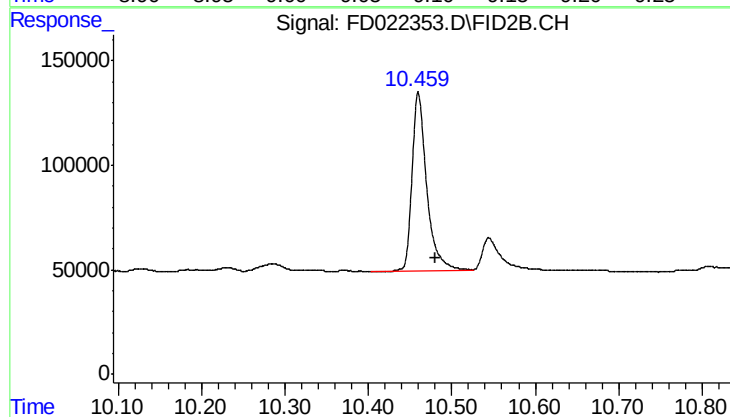
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.008 min
Response: 110646
Conc: 1.08 ug/ml



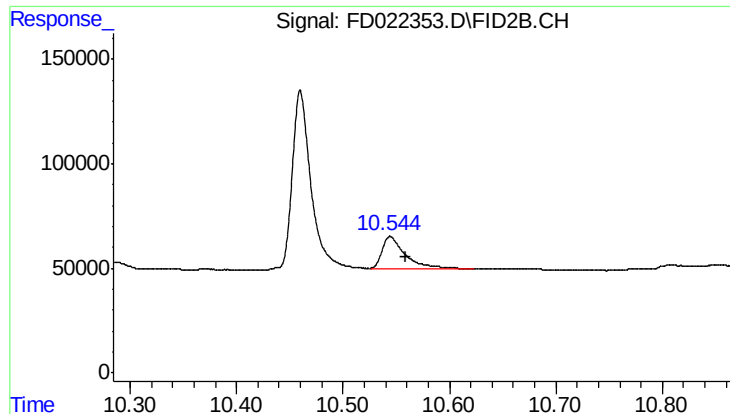
#8 Flouorene (C16.55)

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 75791
Conc: 0.81 ug/ml



#9 Phenanthrene (C19.36)

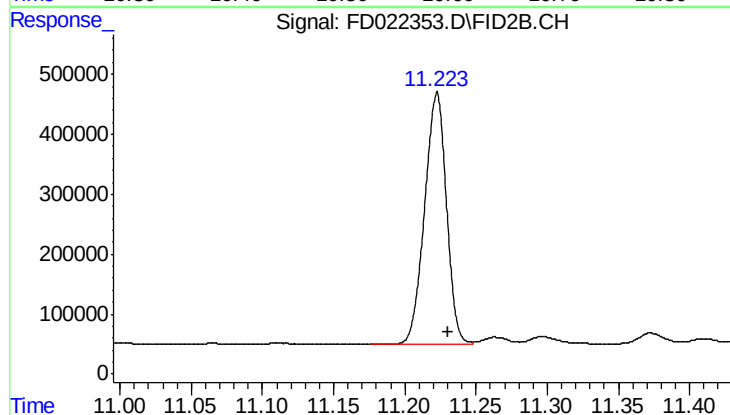
R.T.: 10.460 min
Delta R.T.: -0.020 min
Response: 1048392
Conc: 11.25 ug/ml



#10 Anthracene (C19.43)

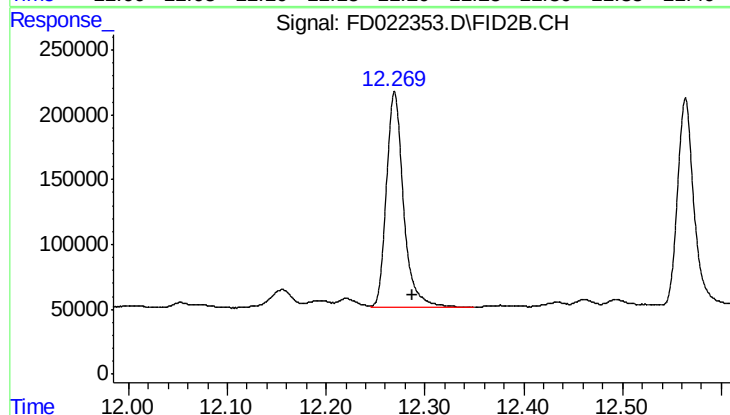
R.T.: 10.544 min
Delta R.T.: -0.015 min
Response: 244239
Conc: 2.58 ug/ml

Instrument :
FID_D
ClientSampleId :



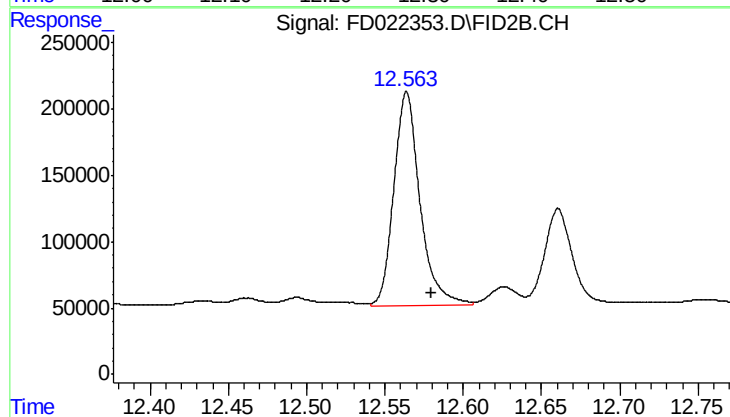
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 4486005
Conc: 47.27 ug/ml



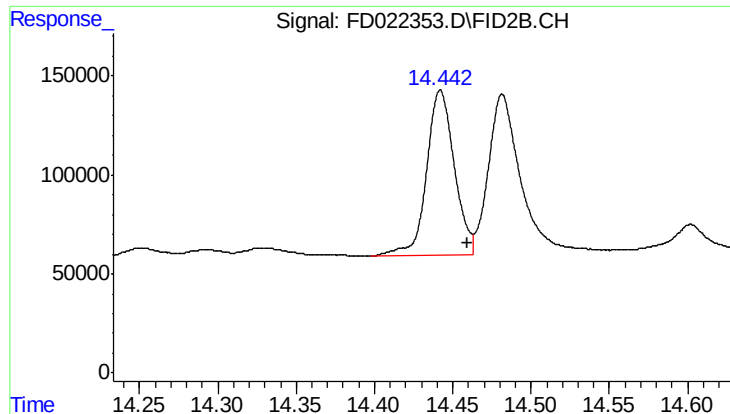
#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: -0.018 min
Response: 2011229
Conc: 20.05 ug/ml



#13 Pyrene (C20.8)

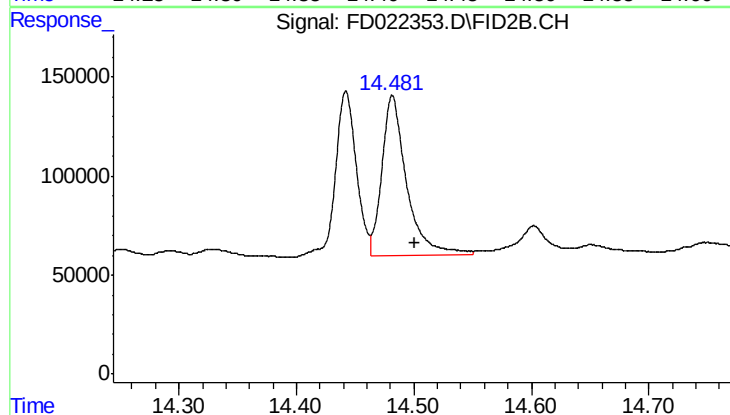
R.T.: 12.564 min
Delta R.T.: -0.016 min
Response: 1874505
Conc: 18.45 ug/ml



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

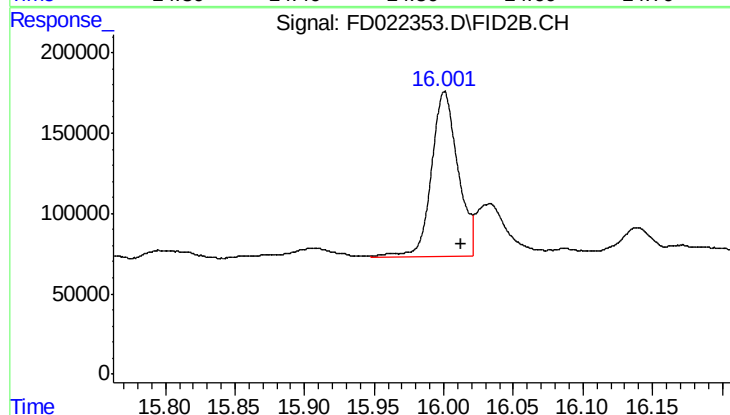
R.T.: 14.442 min
Delta R.T.: -0.017 min
Response: 1028647
Conc: 10.67 ug/ml

Instrument :
FID_D
ClientSampleId :



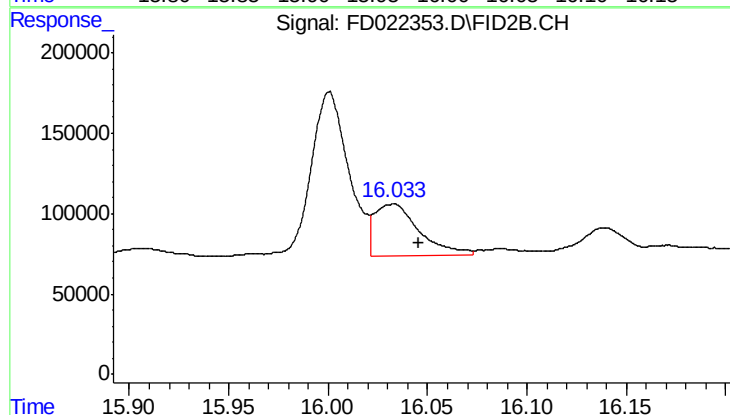
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.019 min
Response: 1190995
Conc: 11.03 ug/ml



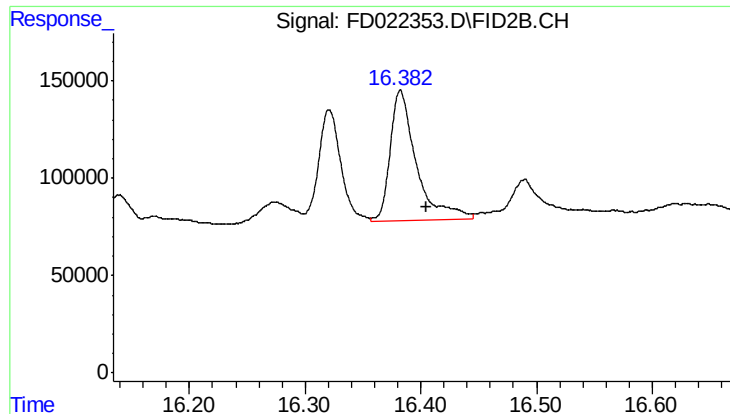
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.001 min
Delta R.T.: -0.012 min
Response: 1351311
Conc: 13.44 ug/ml



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

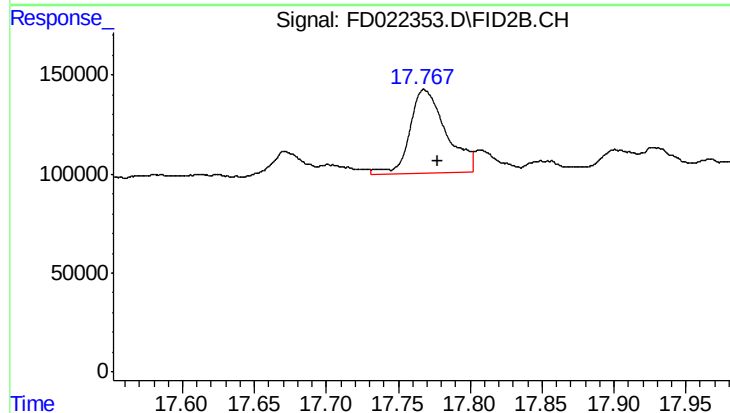
R.T.: 16.033 min
Delta R.T.: -0.013 min
Response: 502409
Conc: 4.43 ug/ml



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

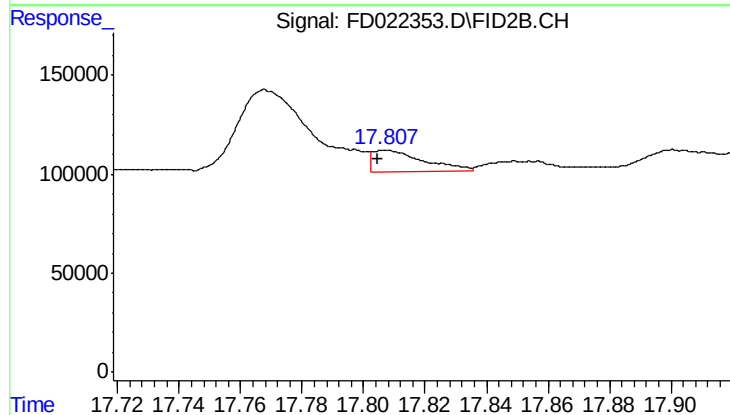
R.T.: 16.382 min
Delta R.T.: -0.022 min
Response: 1047027
Conc: 9.96 ug/ml

Instrument :
FID_D
ClientSampleId :



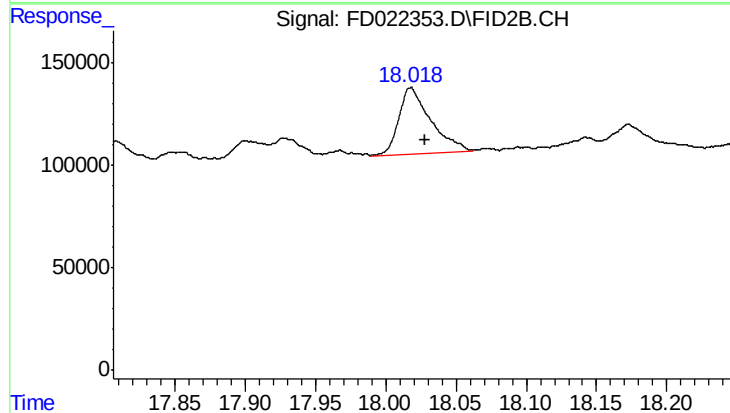
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.768 min
Delta R.T.: -0.009 min
Response: 744603
Conc: 7.82 ug/ml



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

R.T.: 17.807 min
Delta R.T.: 0.003 min
Response: 124446
Conc: 1.10 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.010 min
Response: 511246
Conc: 4.92 ug/ml