

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023617.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 10:20
 Operator : UA/AJ
 Sample : J2706-01DL 20X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 07:31:18 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Thu May 10 20:22:47 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...	7.257f	380949	2.809 ug/ml
Spiked Amount 50.000		Recovery =	5.62%
6) S 2-Fluorobiphenyl (SURR)	8.193	629286	8.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.66%
11) S ortho-Terphenyl (SURR)	11.164	496716	3.553 ug/ml
Spiked Amount 50.000		Recovery =	7.11%
Target Compounds			
2) T Naphthalene (C11.7)	5.613	168404	1.230 ug/ml
3) T 2-Methylnaphthalene (...)	6.676	45966	0.337 ug/ml
7) T Acenaphthene (C15.5)	8.193f	629286	3.725 ug/ml
8) T Fluorene (C16.55)	9.053	55714	0.389 ug/ml
9) T Phenanthrene (C19.36)	10.443	1715115	12.922 ug/ml
12) T Fluoranthene (C21.85)	12.278	72372	0.527 ug/ml
13) T Pyrene (C20.8)	12.526	729741	5.170 ug/ml
14) T Benzo[a]anthracene (C...	14.384	6833165	55.003 ug/ml
15) T Chrysene (C27.41)	14.502	693281	4.478 ug/ml
16) T benzo[b]fluoranthene ...	15.932	2179412	16.168 ug/ml
17) T Benzo[k]fluoranthene ...	16.044	684257	4.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	652050	4.523 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	172586	1.330 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	172586	1.038 ug/ml
21) T Benzo[g,h,i]perylene ...	18.007	72682	0.490 ug/ml

(f)=RT Delta > 1/2 Window

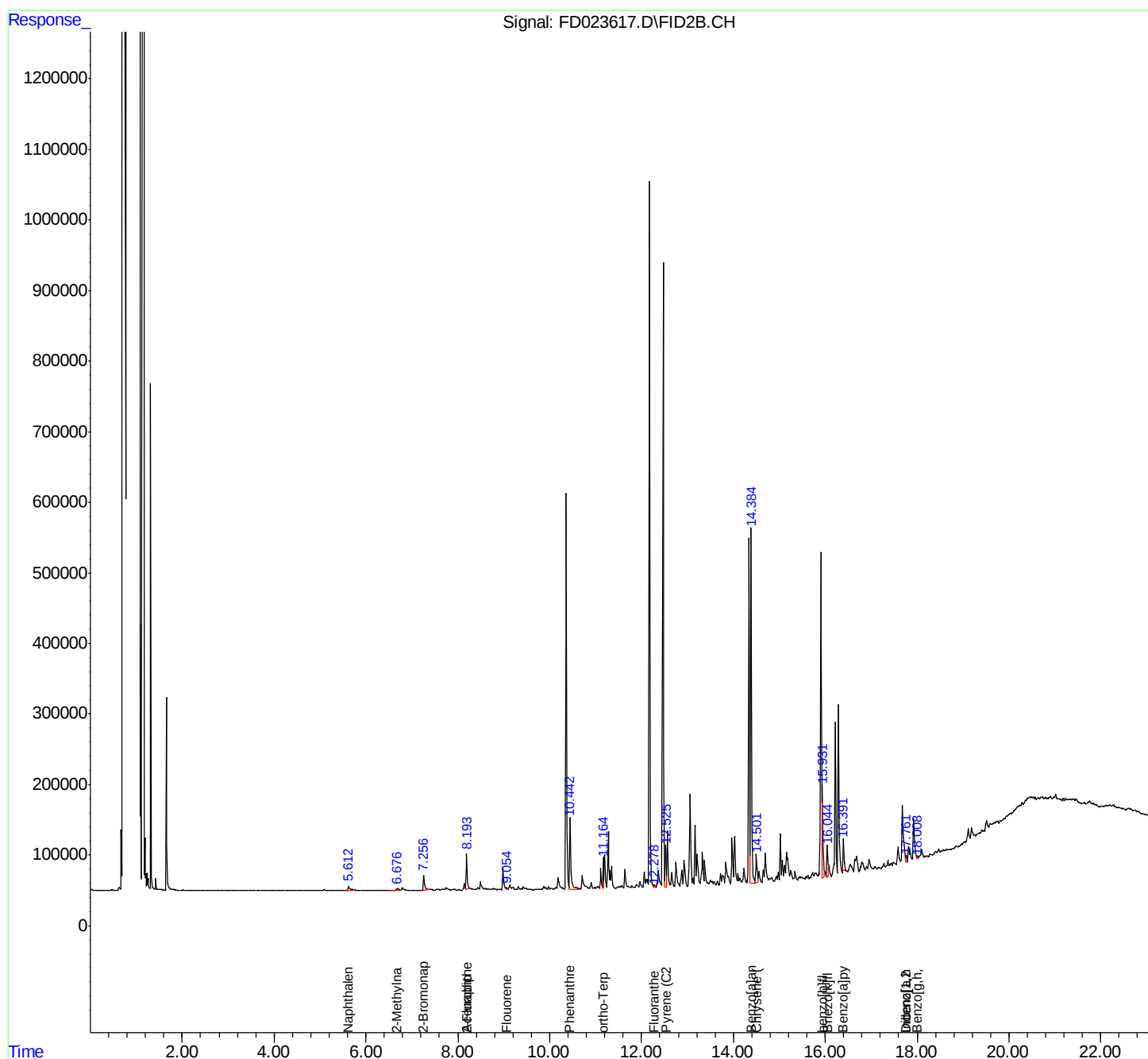
(m)=manual int.

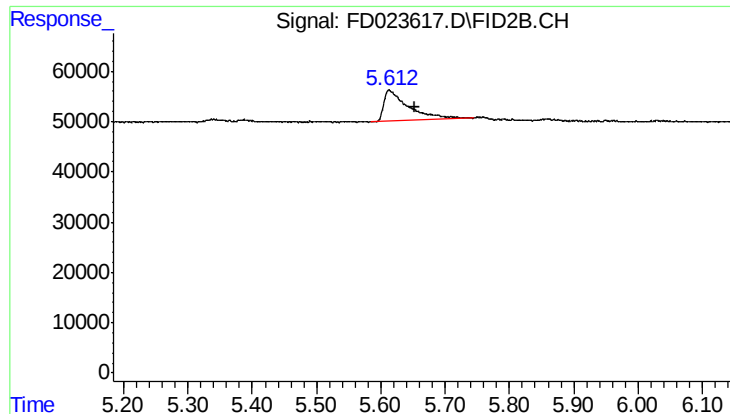
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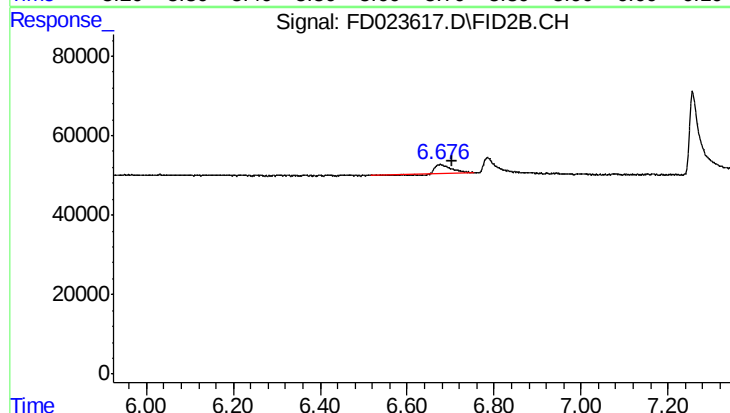




#2 Naphthalene (C11.7)

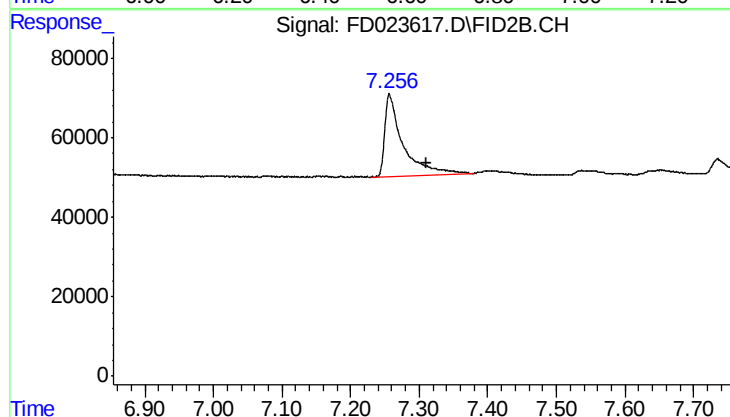
R.T.: 5.613 min
Delta R.T.: -0.040 min
Response: 168404
Conc: 1.23 ug/ml

Instrument :
FID_D
ClientSampleId :



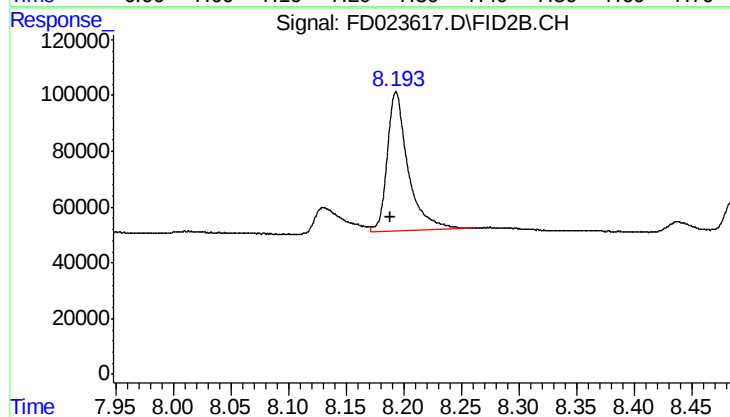
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.676 min
Delta R.T.: -0.026 min
Response: 45966
Conc: 0.34 ug/ml



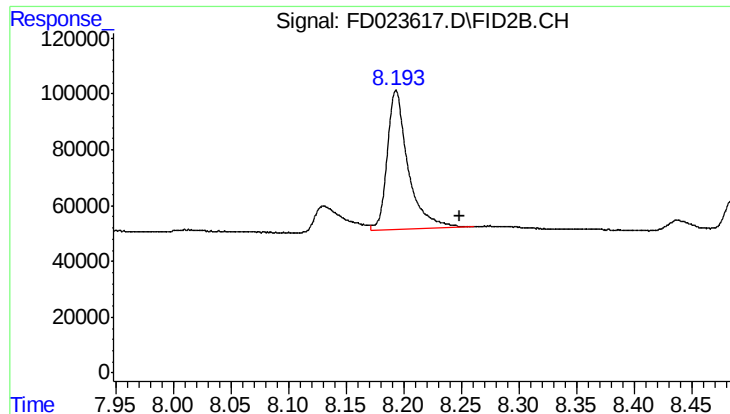
#4 2-Bromonaphthalene (SURR)

R.T.: 7.257 min
Delta R.T.: -0.053 min
Response: 380949
Conc: 2.81 ug/ml



#6 2-Fluorobiphenyl (SURR)

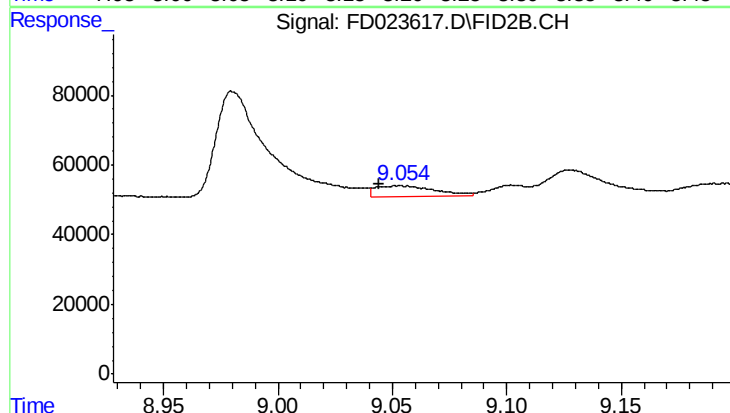
R.T.: 8.193 min
Delta R.T.: 0.005 min
Response: 629286
Conc: 8.83 ug/ml



#7 Acenaphthene (C15.5)

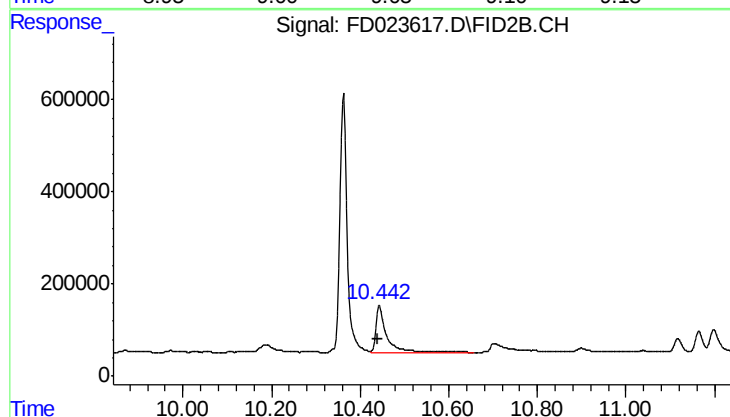
R.T.: 8.193 min
Delta R.T.: -0.055 min
Response: 629286
Conc: 3.73 ug/ml

Instrument :
FID_D
ClientSampleId :



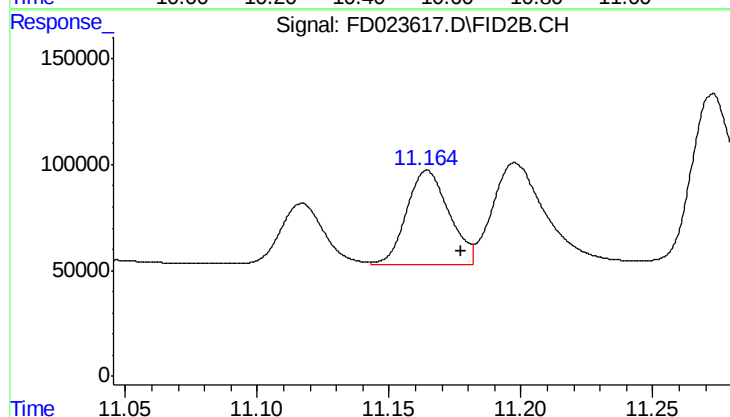
#8 Flouorene (C16.55)

R.T.: 9.053 min
Delta R.T.: 0.009 min
Response: 55714
Conc: 0.39 ug/ml



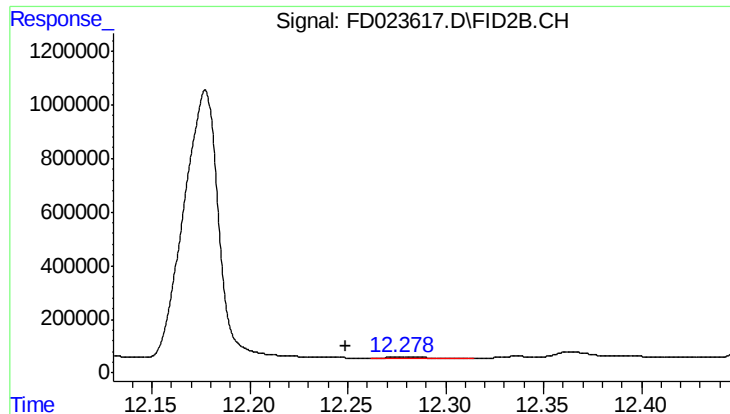
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: 0.004 min
Response: 1715115
Conc: 12.92 ug/ml



#11 ortho-Terphenyl (SURR)

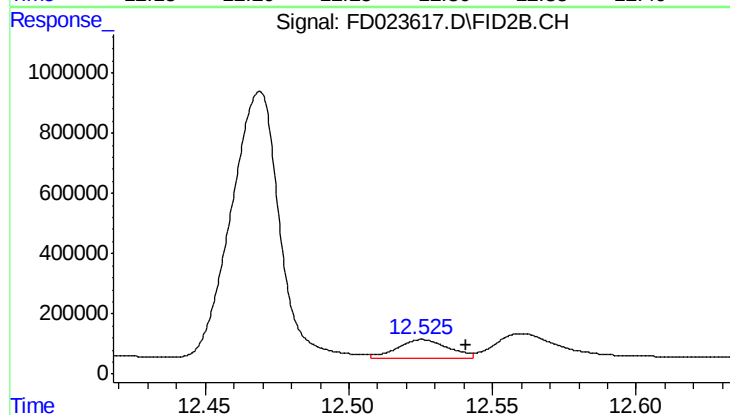
R.T.: 11.164 min
Delta R.T.: -0.013 min
Response: 496716
Conc: 3.55 ug/ml



#12 Fluoranthene (C21.85)

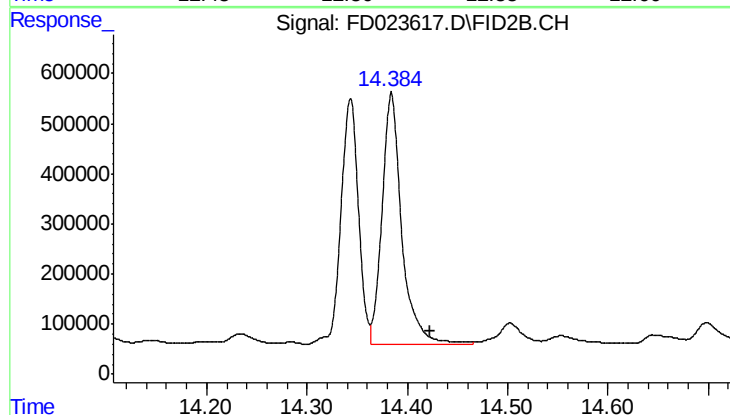
R.T.: 12.278 min
Delta R.T.: 0.029 min
Response: 72372
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



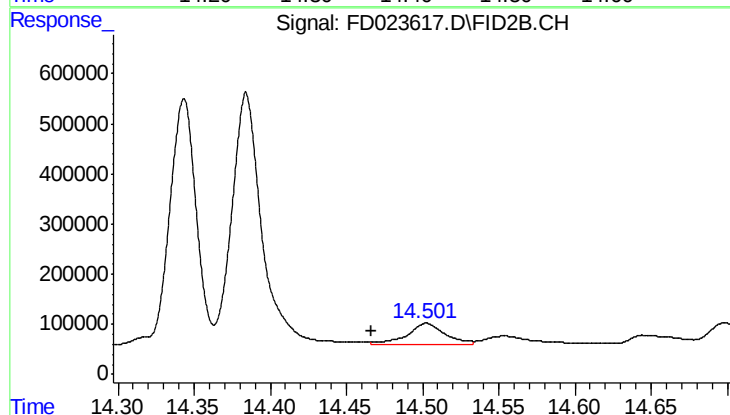
#13 Pyrene (C20.8)

R.T.: 12.526 min
Delta R.T.: -0.015 min
Response: 729741
Conc: 5.17 ug/ml



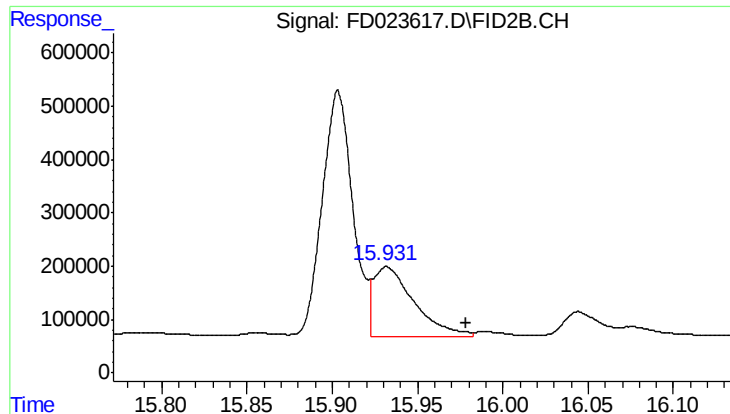
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.384 min
Delta R.T.: -0.038 min
Response: 6833165
Conc: 55.00 ug/ml



#15 Chrysene (C27.41)

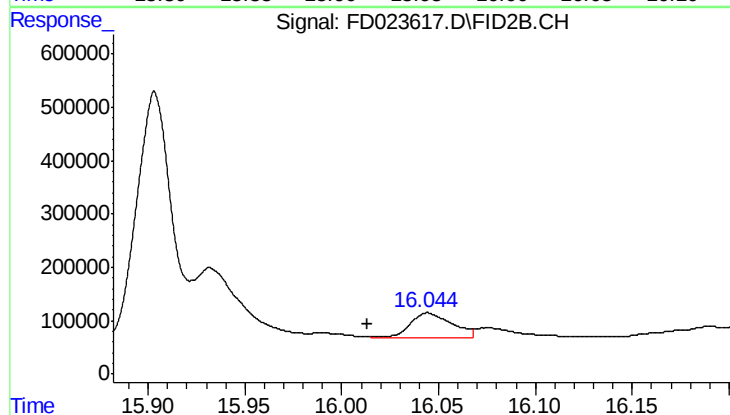
R.T.: 14.502 min
Delta R.T.: 0.036 min
Response: 693281
Conc: 4.48 ug/ml



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

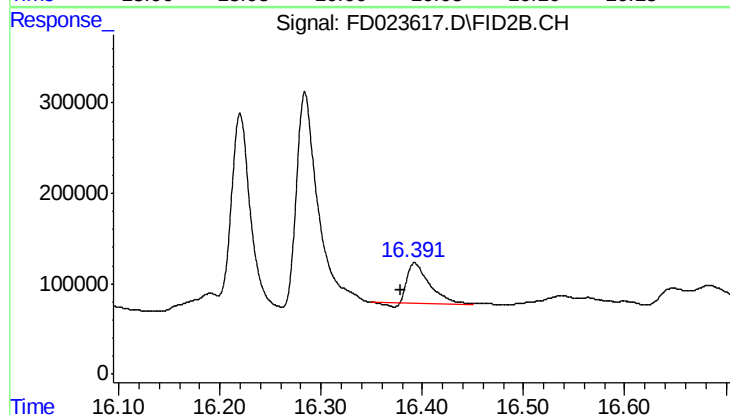
R.T.: 15.932 min
Delta R.T.: -0.047 min
Response: 2179412
Conc: 16.17 ug/ml

Instrument :
FID_D
ClientSampleId :



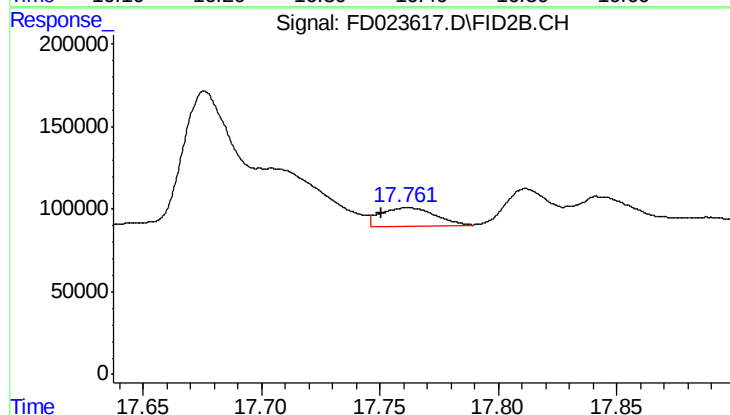
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.044 min
Delta R.T.: 0.031 min
Response: 684257
Conc: 4.15 ug/ml



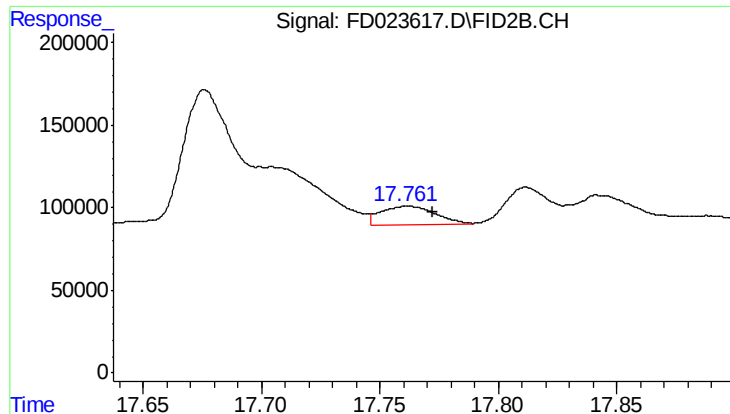
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.013 min
Response: 652050
Conc: 4.52 ug/ml



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

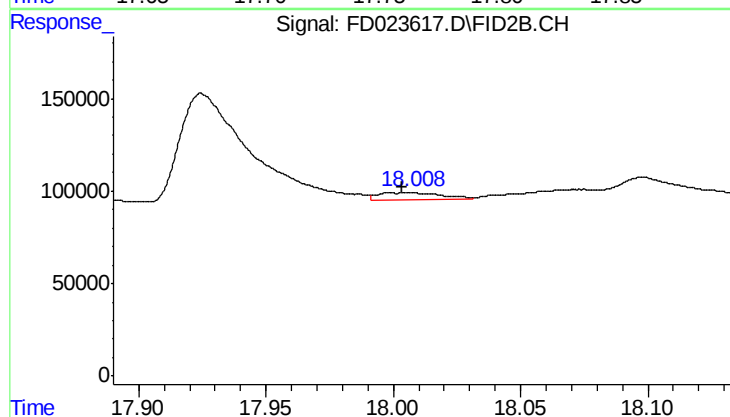
R.T.: 17.762 min
Delta R.T.: 0.011 min
Response: 172586
Conc: 1.33 ug/ml



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

R.T.: 17.762 min
Delta R.T.: -0.011 min
Response: 172586
Conc: 1.04 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.007 min
Delta R.T.: 0.004 min
Response: 72682
Conc: 0.49 ug/ml