

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036950.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 4:04
 Operator : DD\AJ
 Sample : M2046-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 16 06:30:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.588	6735105	47.888 ug/ml
Spiked Amount 50.000		Recovery =	95.78%
6) S 2-Fluorobiphenyl (SURR)	8.447	2932002	31.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.47%
11) S ortho-Terphenyl (SURR)	11.490	4724404	30.933 ug/ml
Spiked Amount 50.000		Recovery =	61.87%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.200f	141068	0.941 ug/ml
7) T Acenaphthene (C15.5)	8.542	116190	0.748 ug/ml
8) T Fluorene (C16.55)	9.322	160594	1.067 ug/ml
9) T Phenanthrene (C19.36)	10.718	2009871	13.713 ug/ml
10) T Anthracene (C19.43)	10.791	211478	1.461 ug/ml
12) T Fluoranthene (C21.85)	12.531	2838821	20.220 ug/ml
13) T Pyrene (C20.8)	12.826	1894689	13.809 ug/ml
14) T Benzo[a]anthracene (C...	14.693	832607	7.011 ug/ml
15) T Chrysene (C27.41)	14.735	1101030	9.104 ug/ml
16) T benzo[b]fluoranthene ...	16.248	1326872	12.092 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	451959	4.252 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	730188	7.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	804027	7.999 ug/ml
20) T Dibenz[a,h]anthracene...	18.031	196899	1.953 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	484123	4.778 ug/ml

(f)=RT Delta > 1/2 Window

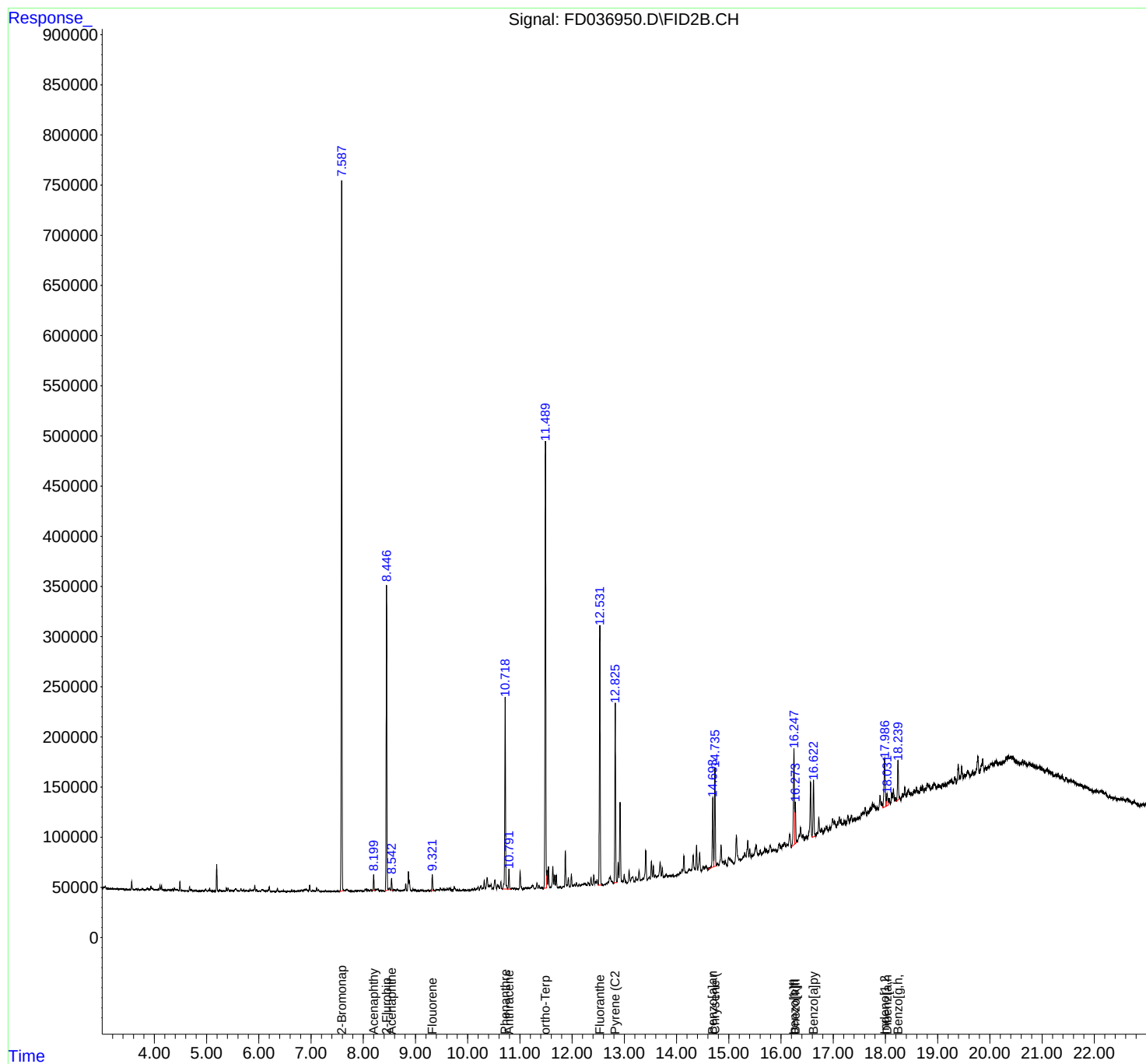
(m)=manual int.

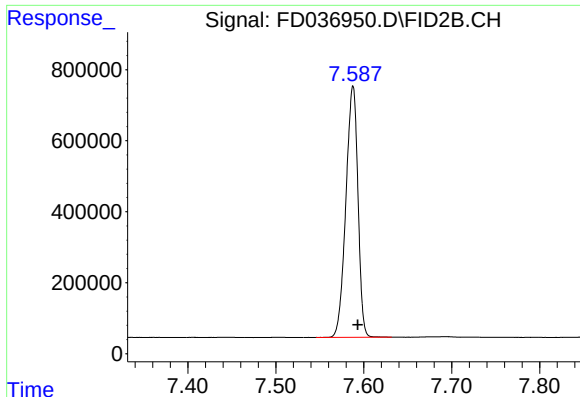
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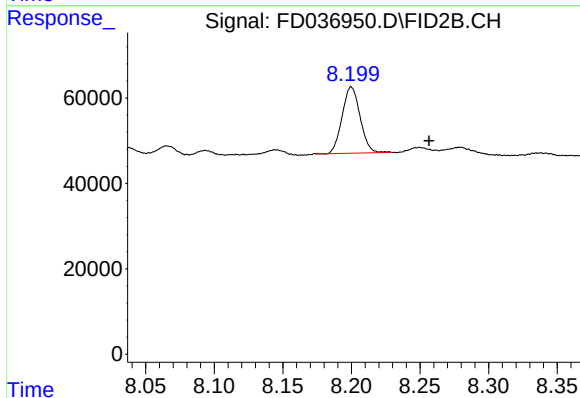




#4 2-Bromonaphthalene (SURRE)

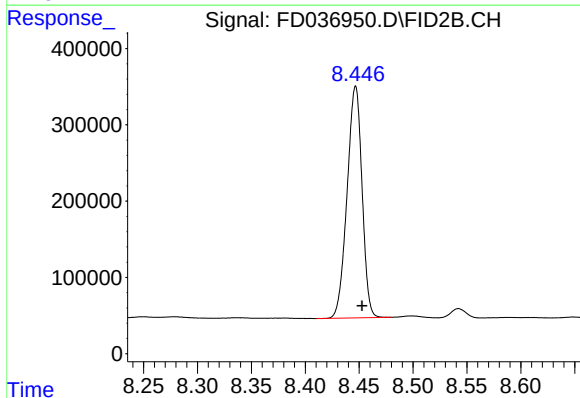
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 6735105
Conc: 47.89 ug/ml

Instrument :
FID_D
ClientSampleId :



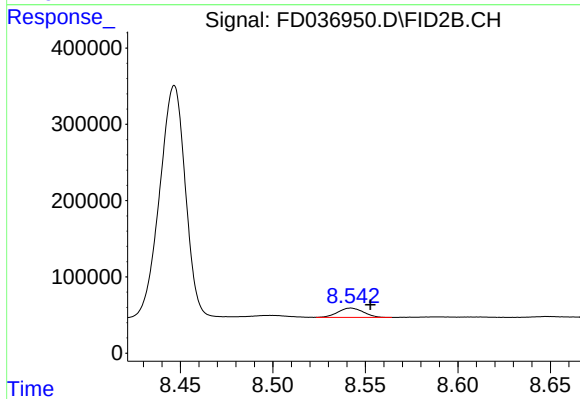
#5 Acenaphthylene (C15.06)

R.T.: 8.200 min
Delta R.T.: -0.057 min
Response: 141068
Conc: 0.94 ug/ml



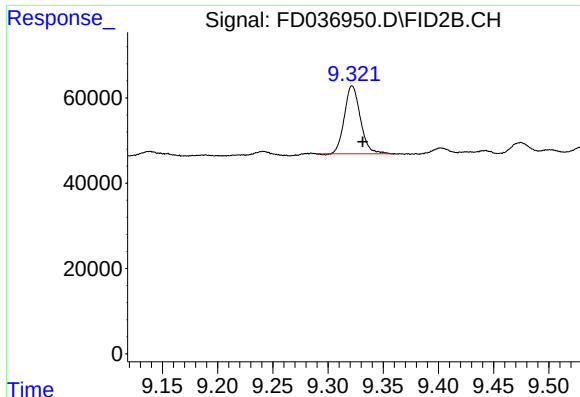
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 2932002
Conc: 31.24 ug/ml



#7 Acenaphthene (C15.5)

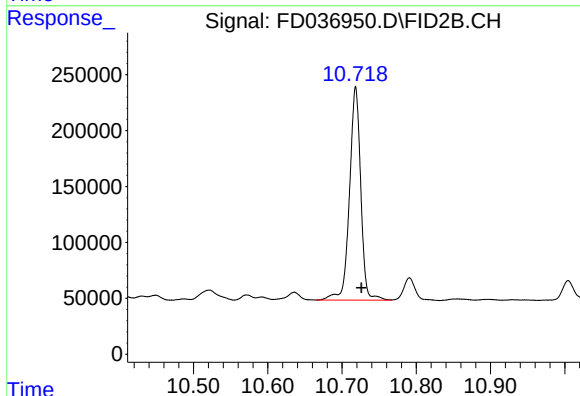
R.T.: 8.542 min
Delta R.T.: -0.011 min
Response: 116190
Conc: 0.75 ug/ml



#8 Flouorene (C16.55)

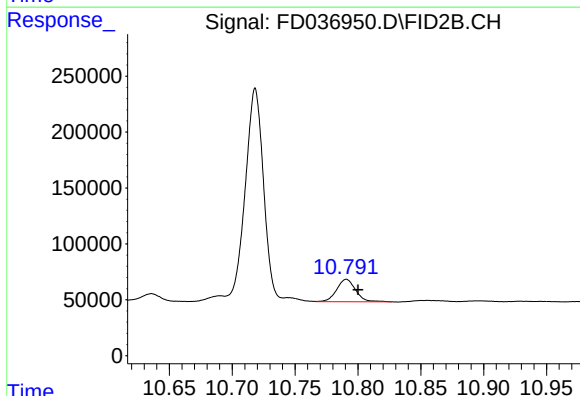
R.T.: 9.322 min
Delta R.T.: -0.009 min
Response: 160594
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



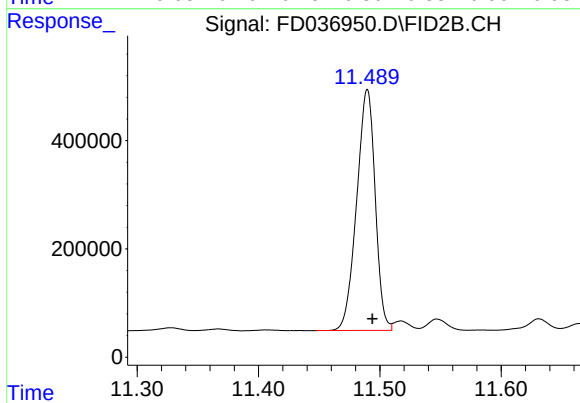
#9 Phenanthrene (C19.36)

R.T.: 10.718 min
Delta R.T.: -0.008 min
Response: 2009871
Conc: 13.71 ug/ml



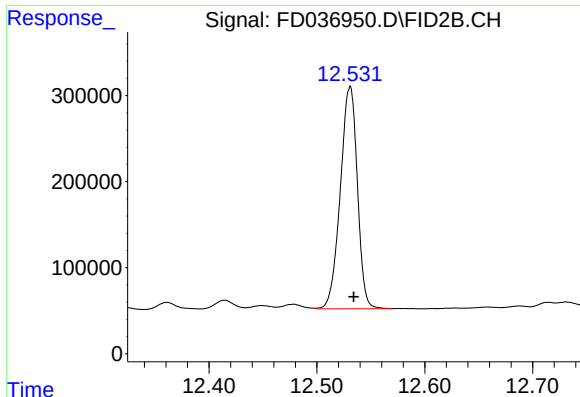
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.009 min
Response: 211478
Conc: 1.46 ug/ml



#11 ortho-Terphenyl (SURR)

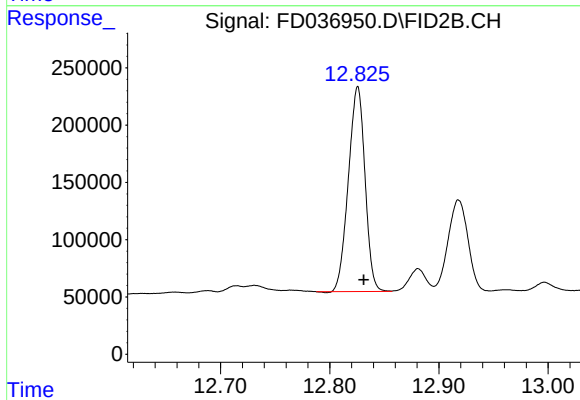
R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 4724404
Conc: 30.93 ug/ml



#12 Fluoranthene (C21.85)

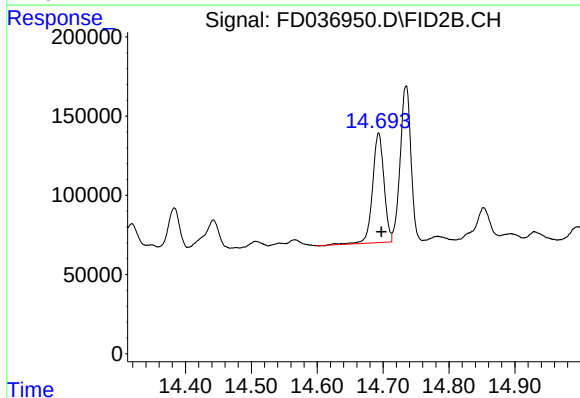
R.T.: 12.531 min
Delta R.T.: -0.003 min
Response: 2838821
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :



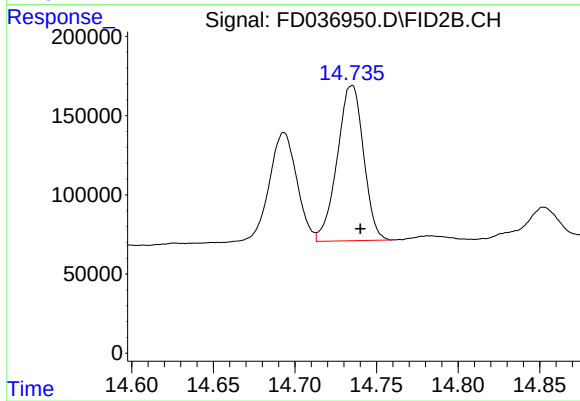
#13 Pyrene (C20.8)

R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 1894689
Conc: 13.81 ug/ml



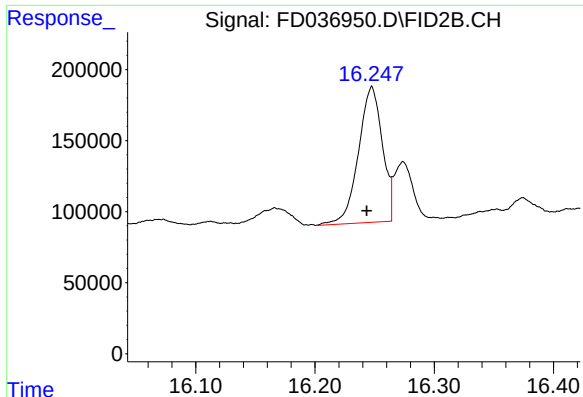
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.004 min
Response: 832607
Conc: 7.01 ug/ml



#15 Chrysene (C27.41)

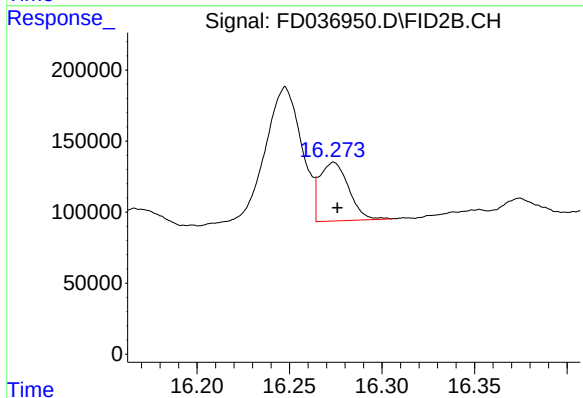
R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 1101030
Conc: 9.10 ug/ml



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

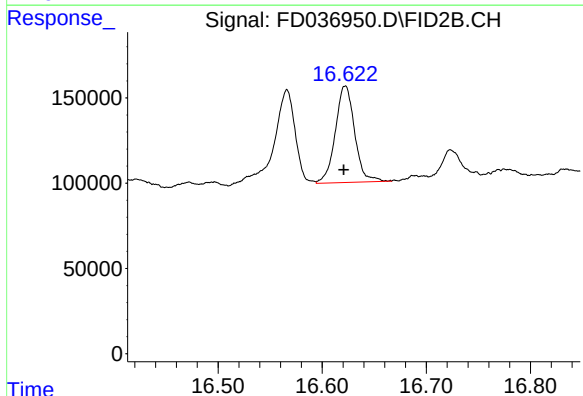
R.T.: 16.248 min
Delta R.T.: 0.004 min
Response: 1326872
Conc: 12.09 ug/ml

Instrument :
FID_D
ClientSampleId :



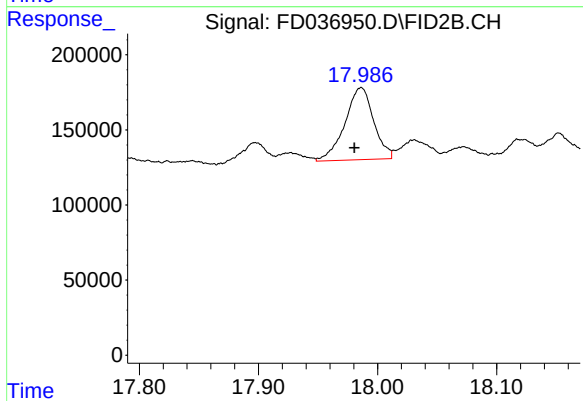
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 451959
Conc: 4.25 ug/ml



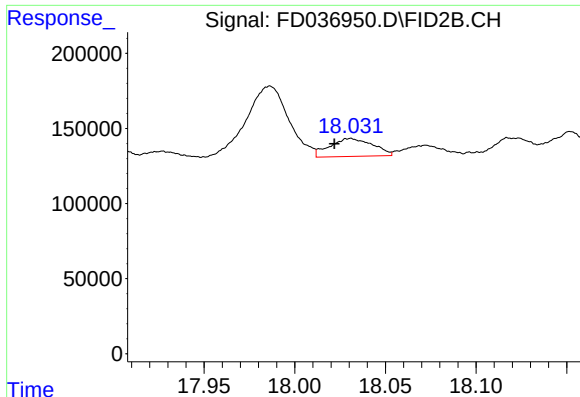
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: 0.002 min
Response: 730188
Conc: 7.33 ug/ml



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

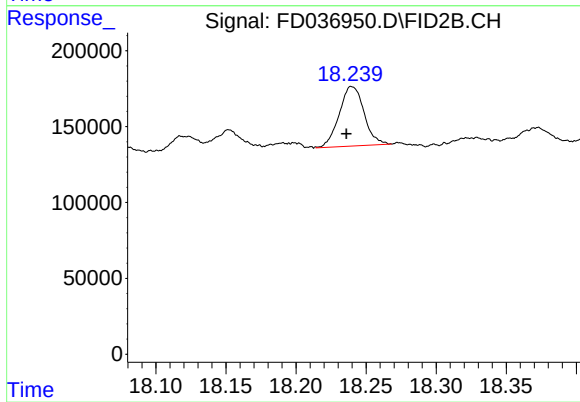
R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 804027
Conc: 8.00 ug/ml



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

R.T.: 18.031 min
Delta R.T.: 0.009 min
Response: 196899
Conc: 1.95 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.240 min
Delta R.T.: 0.004 min
Response: 484123
Conc: 4.78 ug/ml