

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022332.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2018 15:54
 Operator : UA/AJ
 Sample : J1778-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 01:37:33 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

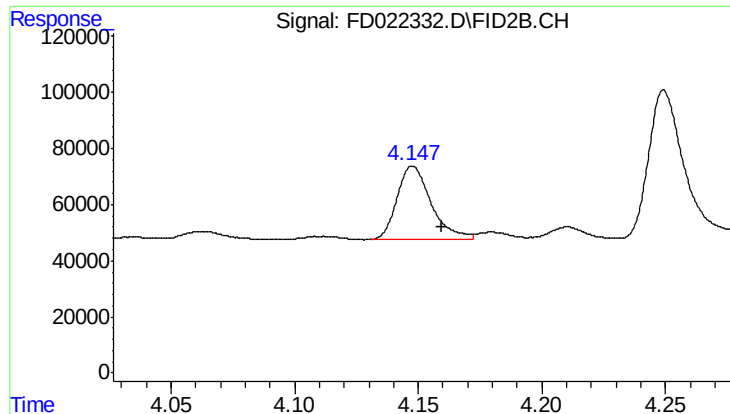
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.336	5541502	66.146 ug/ml
Spiked Amount 50.000		Recovery =	132.29%
6) S 2-Fluorobiphenyl (SURR)	8.193	3834025	75.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	151.67%#
11) S ortho-Terphenyl (SURR)	11.223	3143579	33.125 ug/ml
Spiked Amount 50.000		Recovery =	66.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.148	253116	2.866 ug/ml
2) T Naphthalene (C11.7)	5.673	5931017	66.304 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	3590096	39.530 ug/ml
5) T Acenaphthylene (C15.06)	7.981	1380579	14.416 ug/ml
7) T Acenaphthene (C15.5)	8.286	1731228	16.900 ug/ml
8) T Fluorene (C16.55)	9.067	2805982	29.926 ug/ml
9) T Phenanthrene (C19.36)	10.466	10330584	110.877 ug/ml
10) T Anthracene (C19.43)	10.537	2624558	27.677 ug/ml
12) T Fluoranthene (C21.85)	12.276	7674649	76.513 ug/ml
13) T Pyrene (C20.8)	12.569	6757775	66.516 ug/ml
14) T Benzo[alanthracene (C...	14.442	2624186	27.213 ug/ml
15) T Chrysene (C27.41)	14.482	2776101	25.721 ug/ml
16) T benzo[b]fluoranthene ...	16.004	2703702	26.894 ug/ml
17) T Benzo[k]fluoranthene ...	16.030	925835	8.159 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	125745	1.197 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	1246867	13.087 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	313704	2.761 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.019	963771	9.279 ug/ml

(f)=RT Delta > 1/2 Window

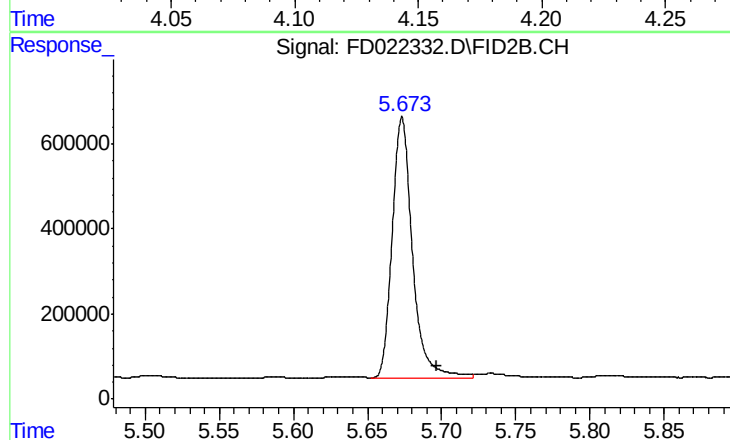
(m)=manual int.



#1 1,2,3-Trimethylbenzene (C10.1)

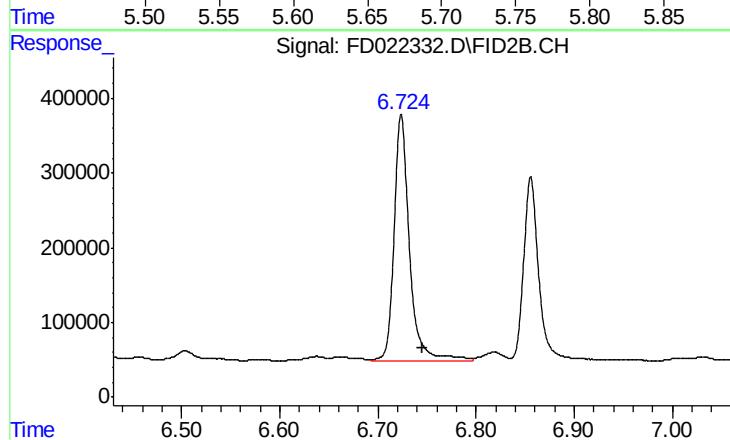
R.T.: 4.148 min
Delta R.T.: -0.012 min
Response: 253116
Conc: 2.87 ug/ml

Instrument :
FID_D
ClientSampleId :



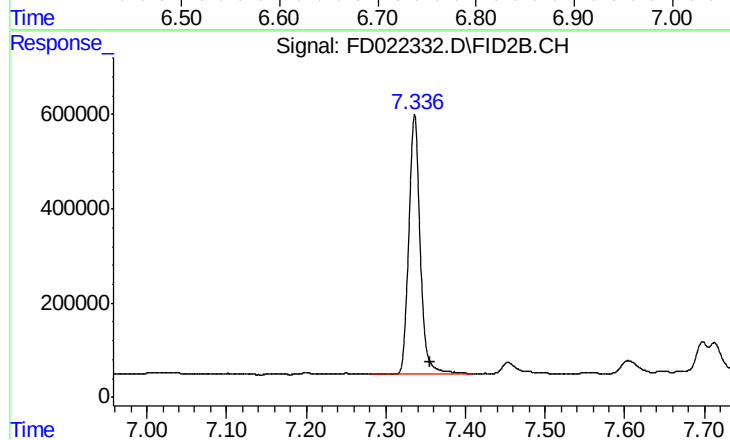
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.023 min
Response: 5931017
Conc: 66.30 ug/ml



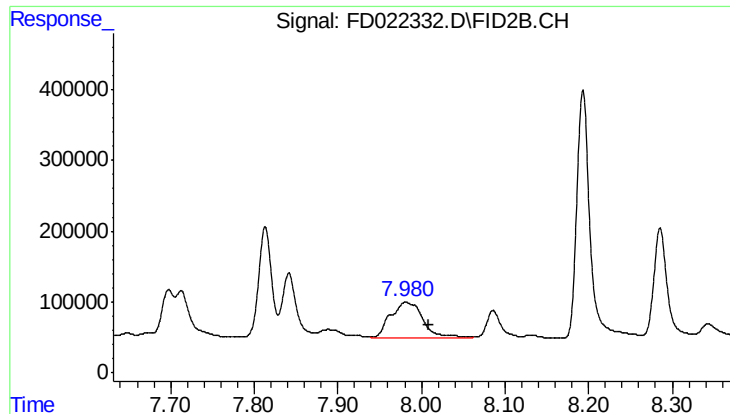
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.022 min
Response: 3590096
Conc: 39.53 ug/ml



#4 2-Bromonaphthalene (SURR)

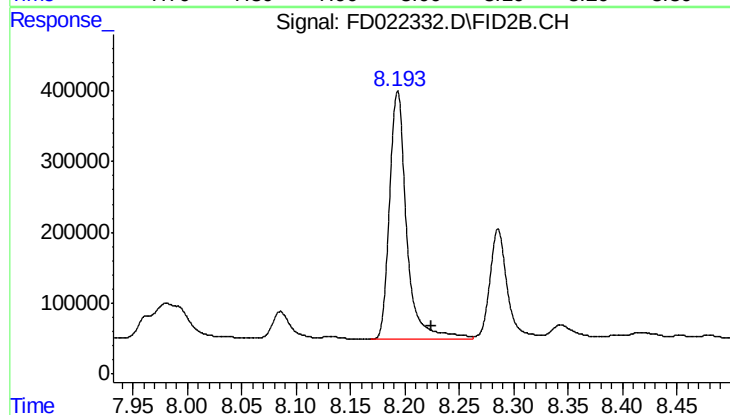
R.T.: 7.336 min
Delta R.T.: -0.019 min
Response: 5541502
Conc: 66.15 ug/ml



#5 Acenaphthylene (C15.06)

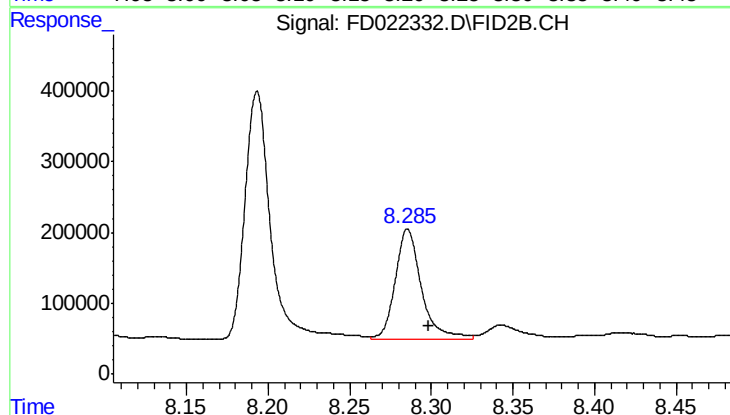
R.T.: 7.981 min
Delta R.T.: -0.028 min
Response: 1380579
Conc: 14.42 ug/ml

Instrument :
FID_D
ClientSampleId :



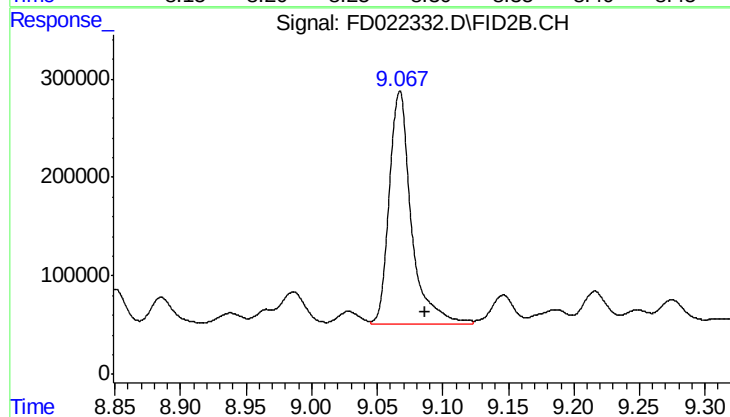
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.031 min
Response: 3834025
Conc: 75.84 ug/ml



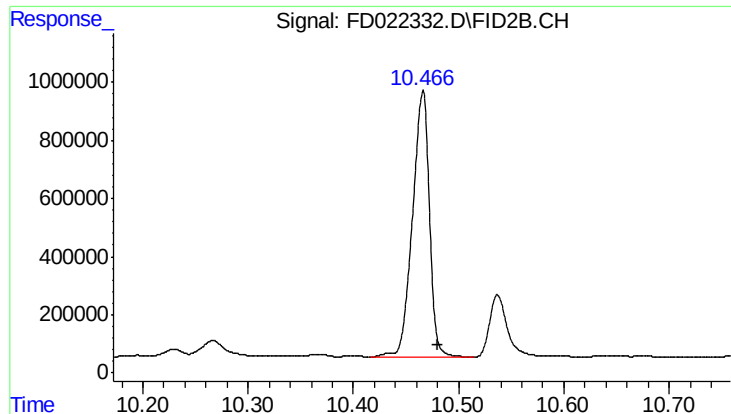
#7 Acenaphthene (C15.5)

R.T.: 8.286 min
Delta R.T.: -0.013 min
Response: 1731228
Conc: 16.90 ug/ml



#8 Fluorene (C16.55)

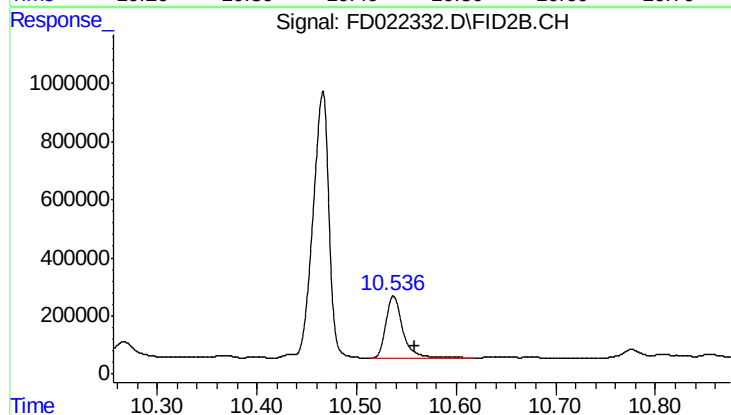
R.T.: 9.067 min
Delta R.T.: -0.019 min
Response: 2805982
Conc: 29.93 ug/ml



#9 Phenanthrene (C19.36)

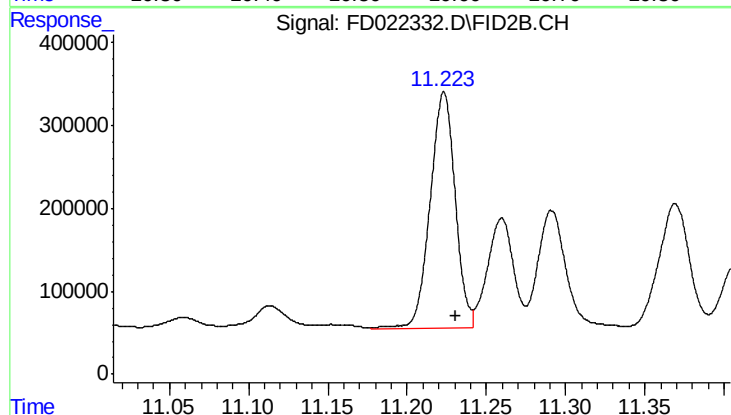
R.T.: 10.466 min
Delta R.T.: -0.014 min
Response: 10330584
Conc: 110.88 ug/ml

Instrument :
FID_D
ClientSampleId :



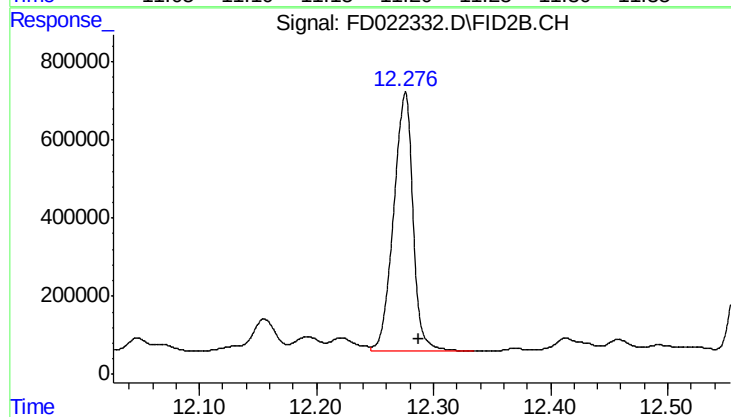
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.022 min
Response: 2624558
Conc: 27.68 ug/ml



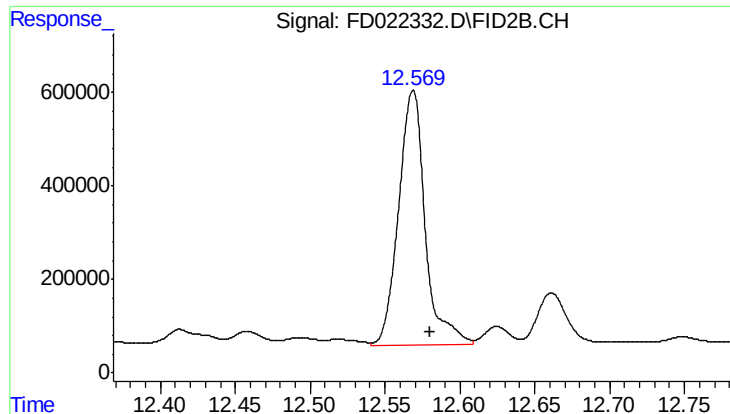
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: -0.007 min
Response: 3143579
Conc: 33.12 ug/ml



#12 Fluoranthene (C21.85)

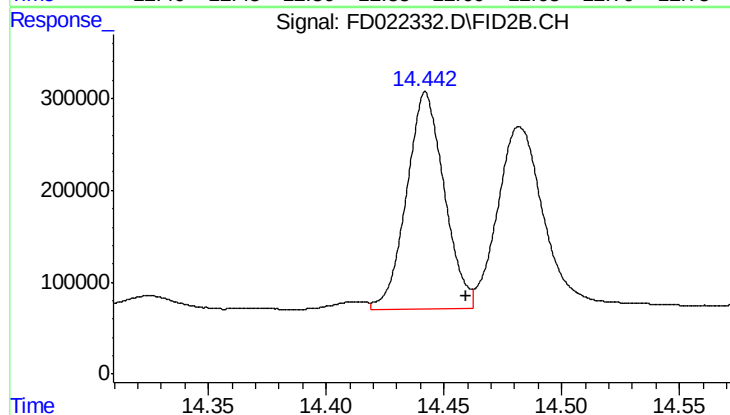
R.T.: 12.276 min
Delta R.T.: -0.012 min
Response: 7674649
Conc: 76.51 ug/ml



#13 Pyrene (C20.8)

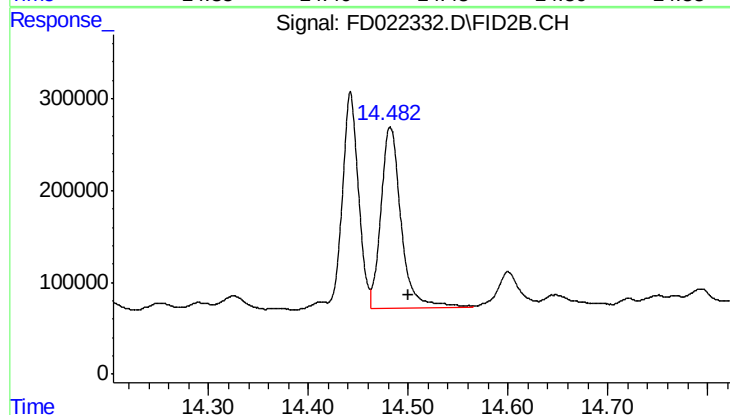
R.T.: 12.569 min
Delta R.T.: -0.011 min
Response: 6757775
Conc: 66.52 ug/ml

Instrument :
FID_D
ClientSampleId :



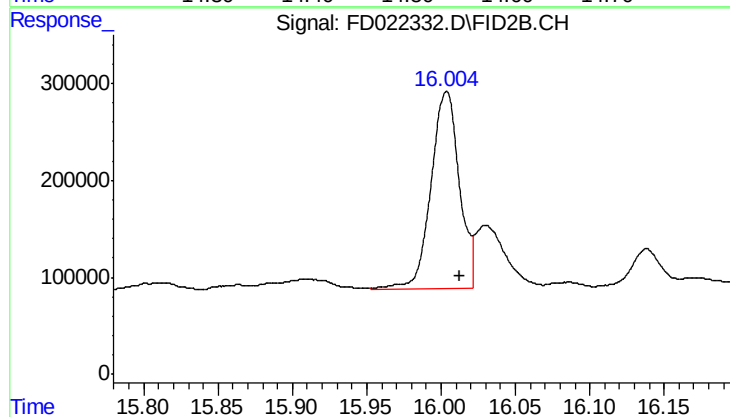
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min
Delta R.T.: -0.017 min
Response: 2624186
Conc: 27.21 ug/ml



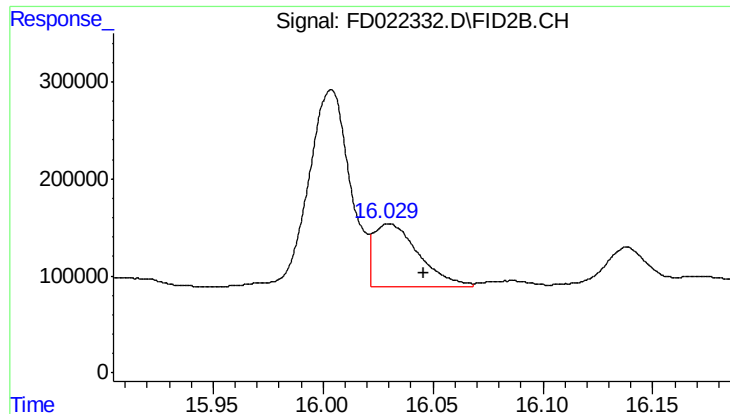
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.018 min
Response: 2776101
Conc: 25.72 ug/ml



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

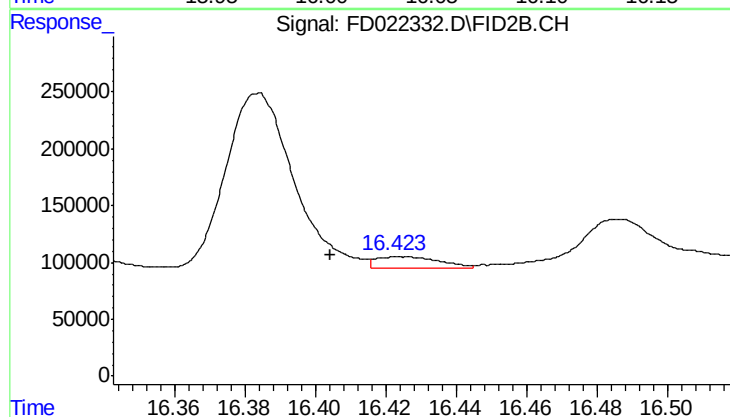
R.T.: 16.004 min
Delta R.T.: -0.008 min
Response: 2703702
Conc: 26.89 ug/ml



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

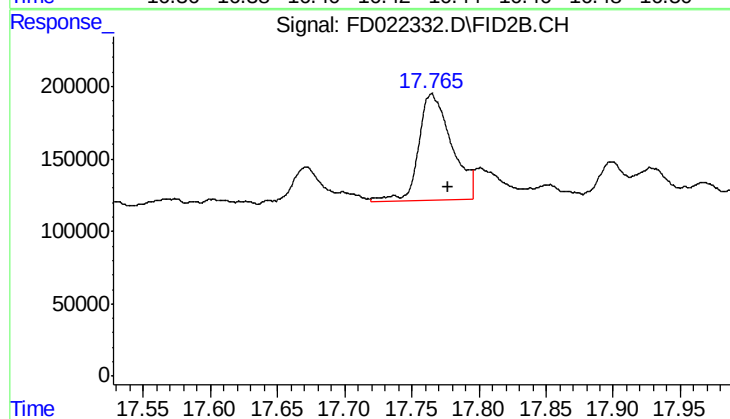
R.T.: 16.030 min
Delta R.T.: -0.016 min
Response: 925835
Conc: 8.16 ug/ml

Instrument :
FID_D
ClientSampleId :



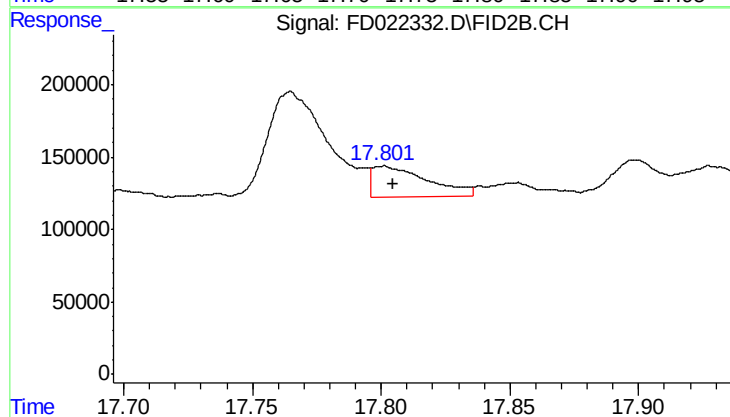
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: 0.020 min
Response: 125745
Conc: 1.20 ug/ml



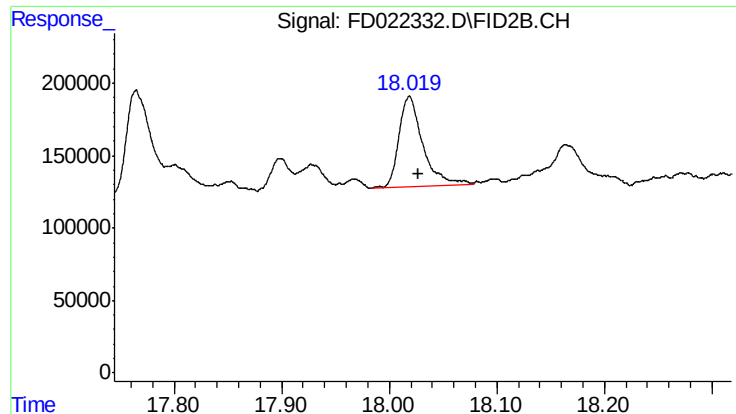
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: -0.013 min
Response: 1246867
Conc: 13.09 ug/ml



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

R.T.: 17.801 min
Delta R.T.: -0.004 min
Response: 313704
Conc: 2.76 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.009 min
Response: 963771
Conc: 9.28 ug/ml

Instrument :
FID_D
ClientSampleId :