

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048281.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 10:17
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 06 10:52:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:22:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.393	1603671	10.778 ug/ml
Spiked Amount 50.000		Recovery =	21.56%
6) S 2-Fluorobiphenyl (SURR)	8.245	979358	10.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.14%
11) S ortho-Terphenyl (SURR)	11.278	1811696	10.844 ug/ml
Spiked Amount 50.000		Recovery =	21.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	1886628	11.094 ug/ml
2) T Naphthalene (C11.7)	5.733	1912829	10.886 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	1882151	10.779 ug/ml
5) T Acenaphthylene (C15.06)	8.045	1847759	10.829 ug/ml
7) T Acenaphthene (C15.5)	8.338	1864207	10.817 ug/ml
8) T Flouorene (C16.55)	9.119	1748955	10.572 ug/ml
9) T Phenanthrene (C19.36)	10.505	1677184	10.458 ug/ml
10) T Anthracene (C19.43)	10.581	1644733	10.644 ug/ml
12) T Fluoranthene (C21.85)	12.310	1707048	10.803 ug/ml
13) T Pyrene (C20.8)	12.602	1657710	10.576 ug/ml
14) T Benzo[a]anthracene (C...	14.470	1437349	9.921 ug/ml
15) T Chrysene (C27.41)	14.510	1824919	11.832 ug/ml
16) T benzo[b]fluoranthene ...	16.014	1557950	10.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	1693300	11.677 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	1590670	10.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	1066398	8.597 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	1716596	11.795 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	1569993	10.794 ug/ml

(f)=RT Delta > 1/2 Window

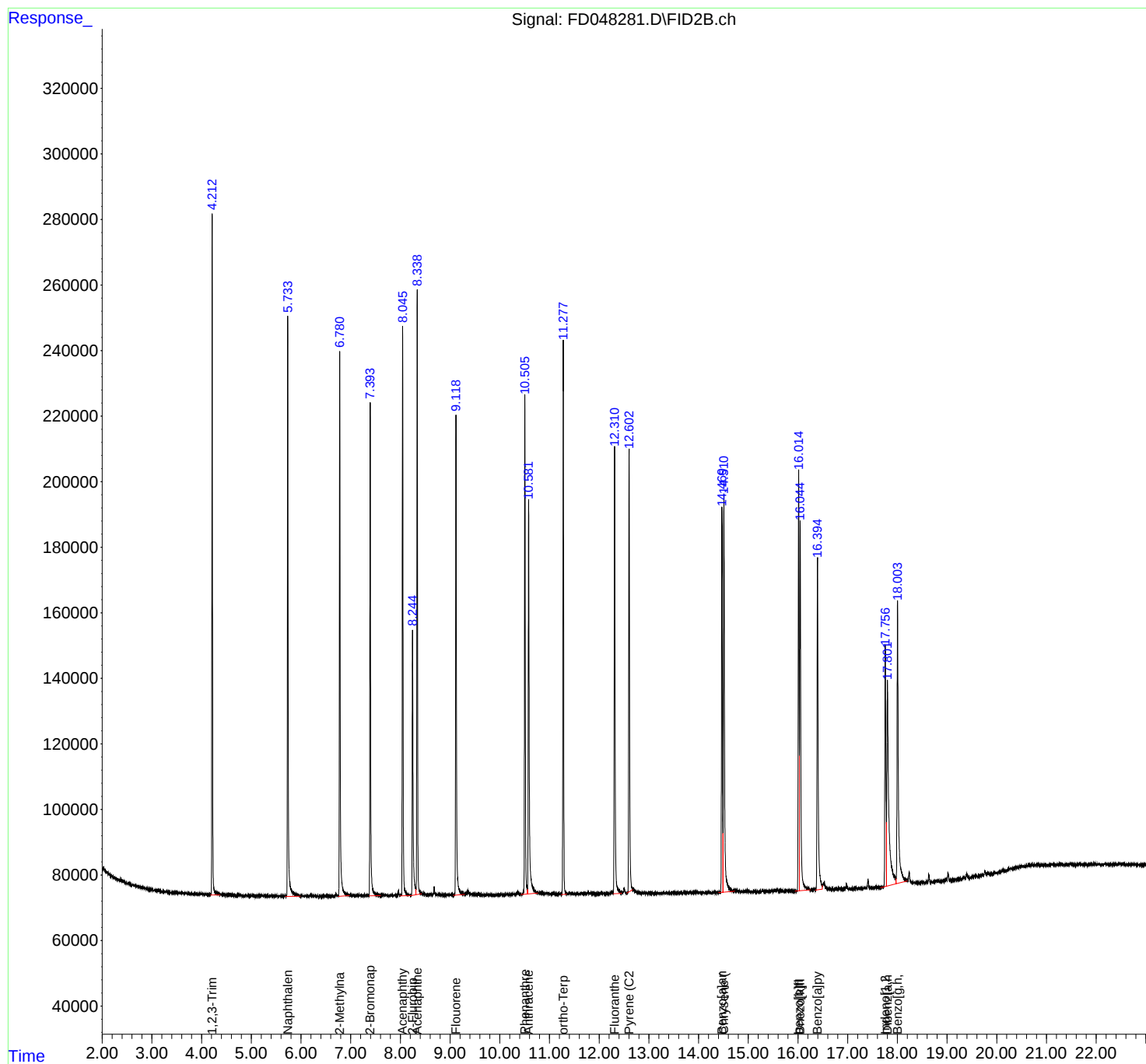
(m)=manual int.

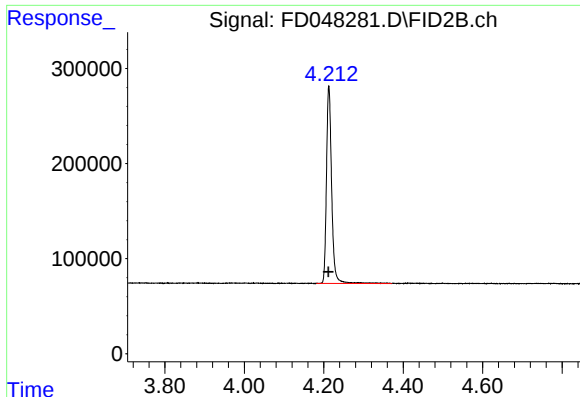
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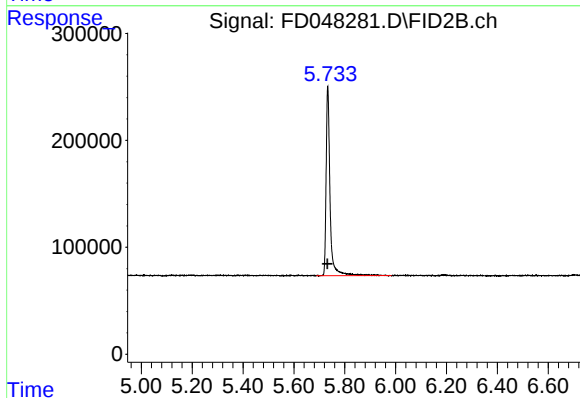




#1 1,2,3-Trimethylbenzene (C10.1)

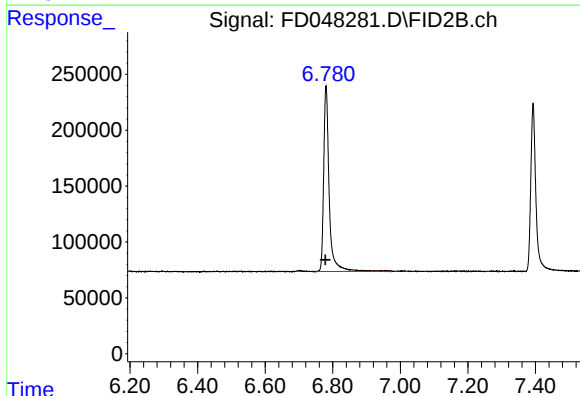
R.T.: 4.213 min
Delta R.T.: 0.001 min
Response: 1886628
Conc: 11.09 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



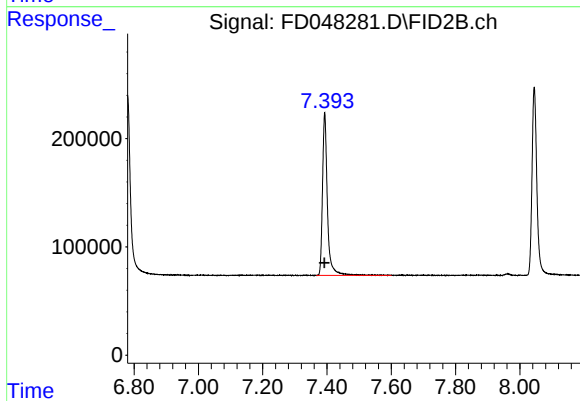
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: 0.001 min
Response: 1912829
Conc: 10.89 ug/ml



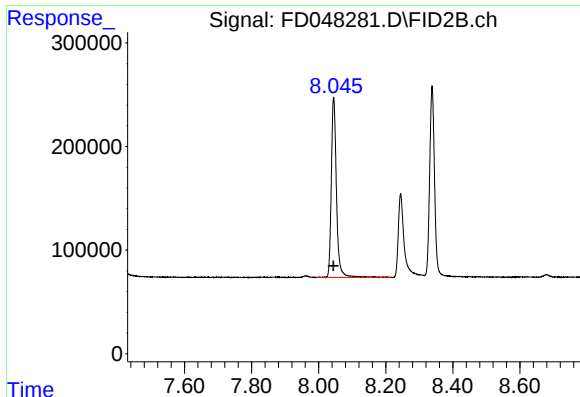
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: 0.002 min
Response: 1882151
Conc: 10.78 ug/ml



#4 2-Bromonaphthalene (SURR)

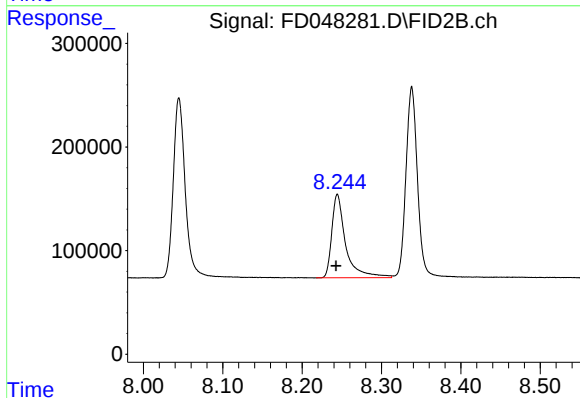
R.T.: 7.393 min
Delta R.T.: 0.001 min
Response: 1603671
Conc: 10.78 ug/ml



#5 Acenaphthylene (C15.06)

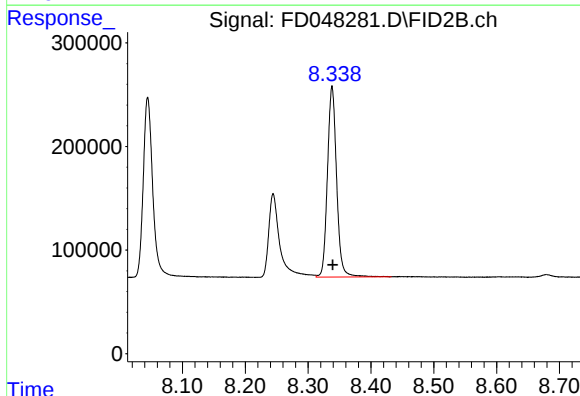
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 1847759
Conc: 10.83 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



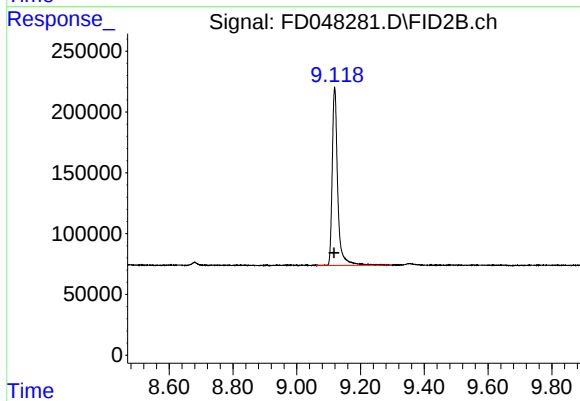
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.245 min
Delta R.T.: 0.002 min
Response: 979358
Conc: 10.07 ug/ml



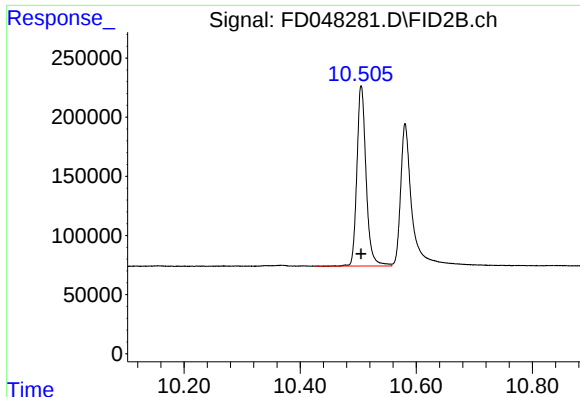
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 1864207
Conc: 10.82 ug/ml



#8 Flouorene (C16.55)

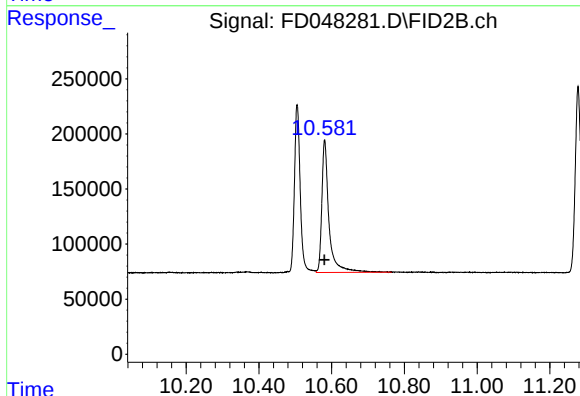
R.T.: 9.119 min
Delta R.T.: 0.001 min
Response: 1748955
Conc: 10.57 ug/ml



#9 Phenanthrene (C19.36)

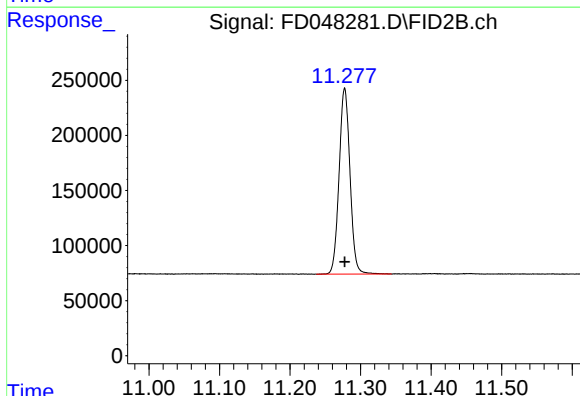
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 1677184
Conc: 10.46 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



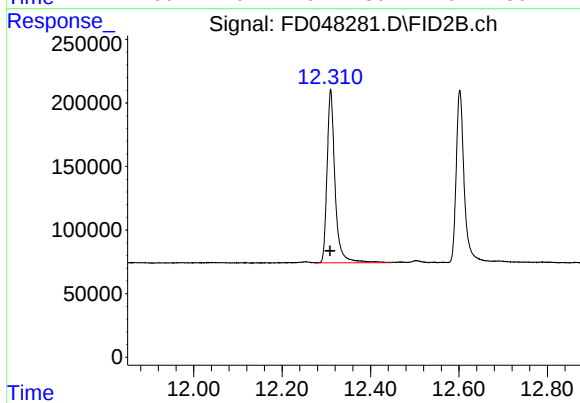
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.000 min
Response: 1644733
Conc: 10.64 ug/ml



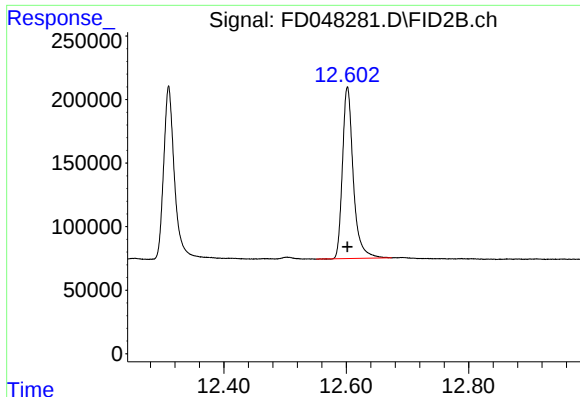
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 1811696
Conc: 10.84 ug/ml



#12 Fluoranthene (C21.85)

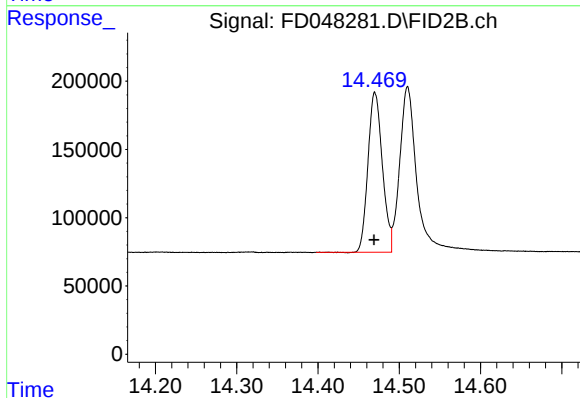
R.T.: 12.310 min
Delta R.T.: 0.001 min
Response: 1707048
Conc: 10.80 ug/ml



#13 Pyrene (C20.8)

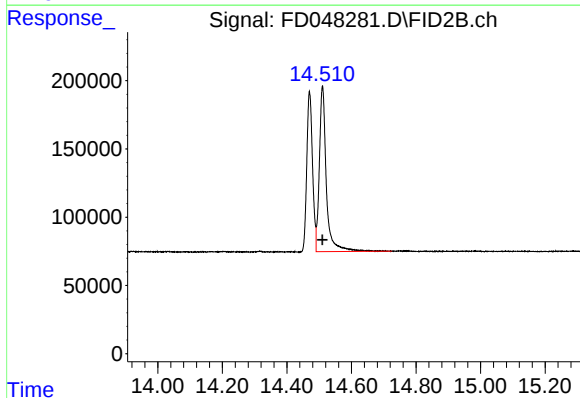
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 1657710
Conc: 10.58 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



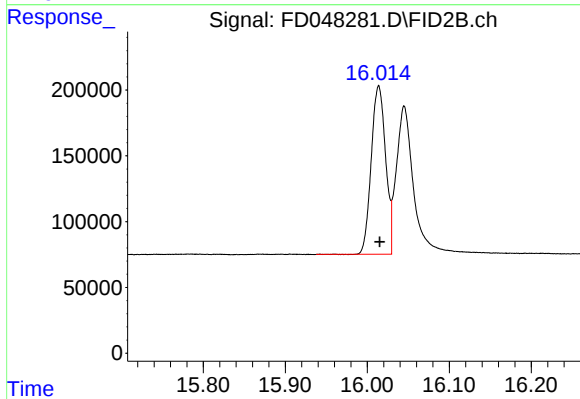
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: 0.001 min
Response: 1437349
Conc: 9.92 ug/ml



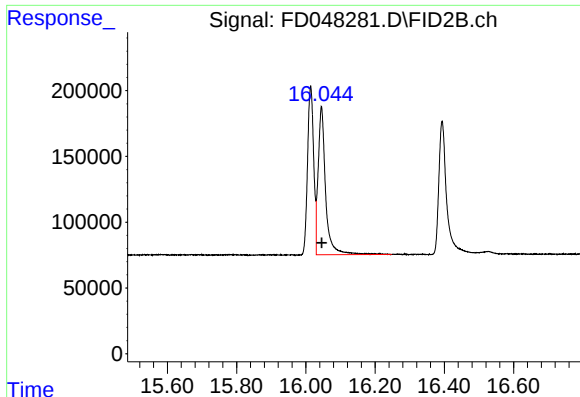
#15 Chrysene (C27.41)

R.T.: 14.510 min
Delta R.T.: 0.000 min
Response: 1824919
Conc: 11.83 ug/ml



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

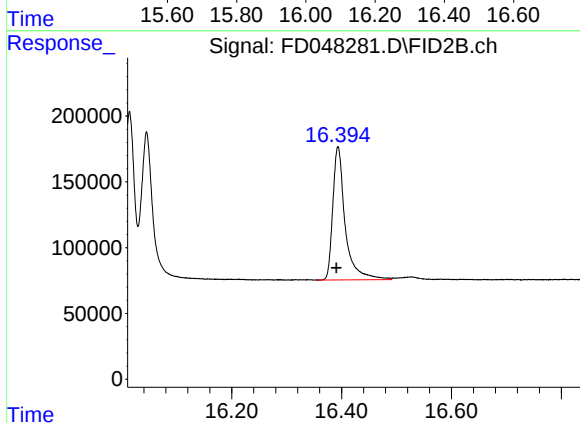
R.T.: 16.014 min
Delta R.T.: -0.001 min
Response: 1557950
Conc: 10.35 ug/ml



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

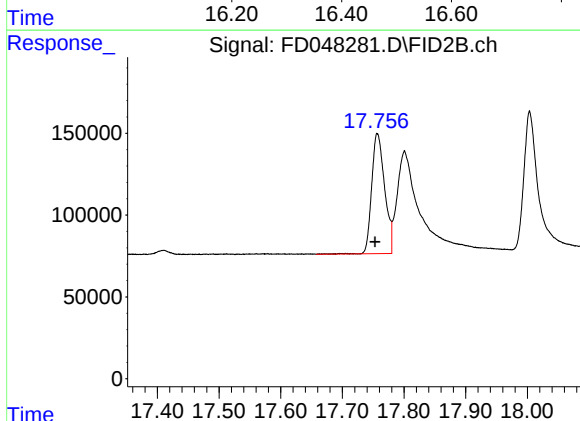
R.T.: 16.045 min
Delta R.T.: -0.001 min
Response: 1693300
Conc: 11.68 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



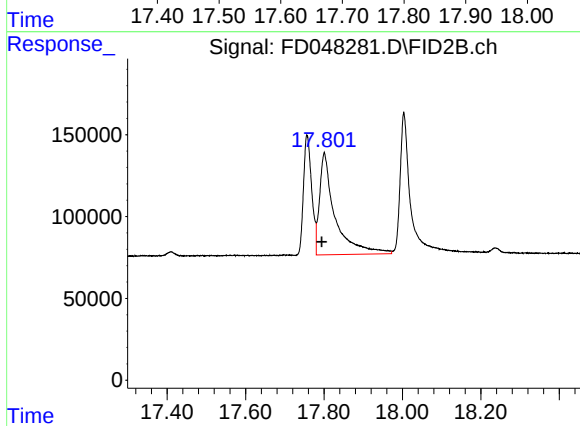
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.003 min
Response: 1590670
Conc: 10.74 ug/ml



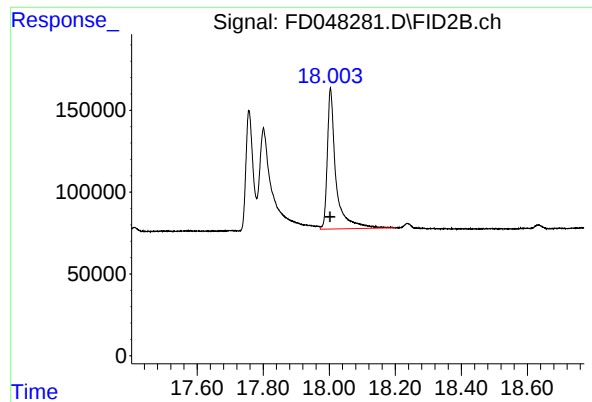
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 1066398
Conc: 8.60 ug/ml



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

R.T.: 17.801 min
Delta R.T.: 0.007 min
Response: 1716596
Conc: 11.80 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.001 min
Response: 1569993
Conc: 10.79 ug/ml

Instrument :
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ClientSampleId :
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