

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061724AR\
 Data File : FD047943.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2024 12:29
 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: Jun 17 13:12:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:11:56 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...	7.420	1571574	10.879 ug/ml
Spiked Amount 50.000		Recovery =	21.76%
6) S 2-Fluorobiphenyl (SURR)	8.272	1056792	10.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.62%
11) S ortho-Terphenyl (SURR)	11.309	1813872	10.936 ug/ml
Spiked Amount 50.000		Recovery =	21.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1737643	10.895 ug/ml
2) T Naphthalene (C11.7)	5.760	1840058	10.939 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	1854419	10.903 ug/ml
5) T Acenaphthylene (C15.06)	8.074	1824472	10.940 ug/ml
7) T Acenaphthene (C15.5)	8.368	1846267	11.000 ug/ml
8) T Flouorene (C16.55)	9.147	1786549	10.843 ug/ml
9) T Phenanthrene (C19.36)	10.535	1776152	10.876 ug/ml
10) T Anthracene (C19.43)	10.610	1801584	11.060 ug/ml
12) T Fluoranthene (C21.85)	12.340	1779887	10.899 ug/ml
13) T Pyrene (C20.8)	12.634	1748947	10.825 ug/ml
14) T Benzo[a]anthracene (C...	14.503	1643694	10.713 ug/ml
15) T Chrysene (C27.41)	14.544	1778653	11.108 ug/ml
16) T benzo[b]fluoranthene ...	16.048	1655095	10.770 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	1647836	11.172 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.426	1638183	10.846 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	1363764	10.223 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	1752855	11.616 ug/ml
21) T Benzo[g,h,i]perylene ...	18.038	1647912	11.124 ug/ml

(f)=RT Delta > 1/2 Window

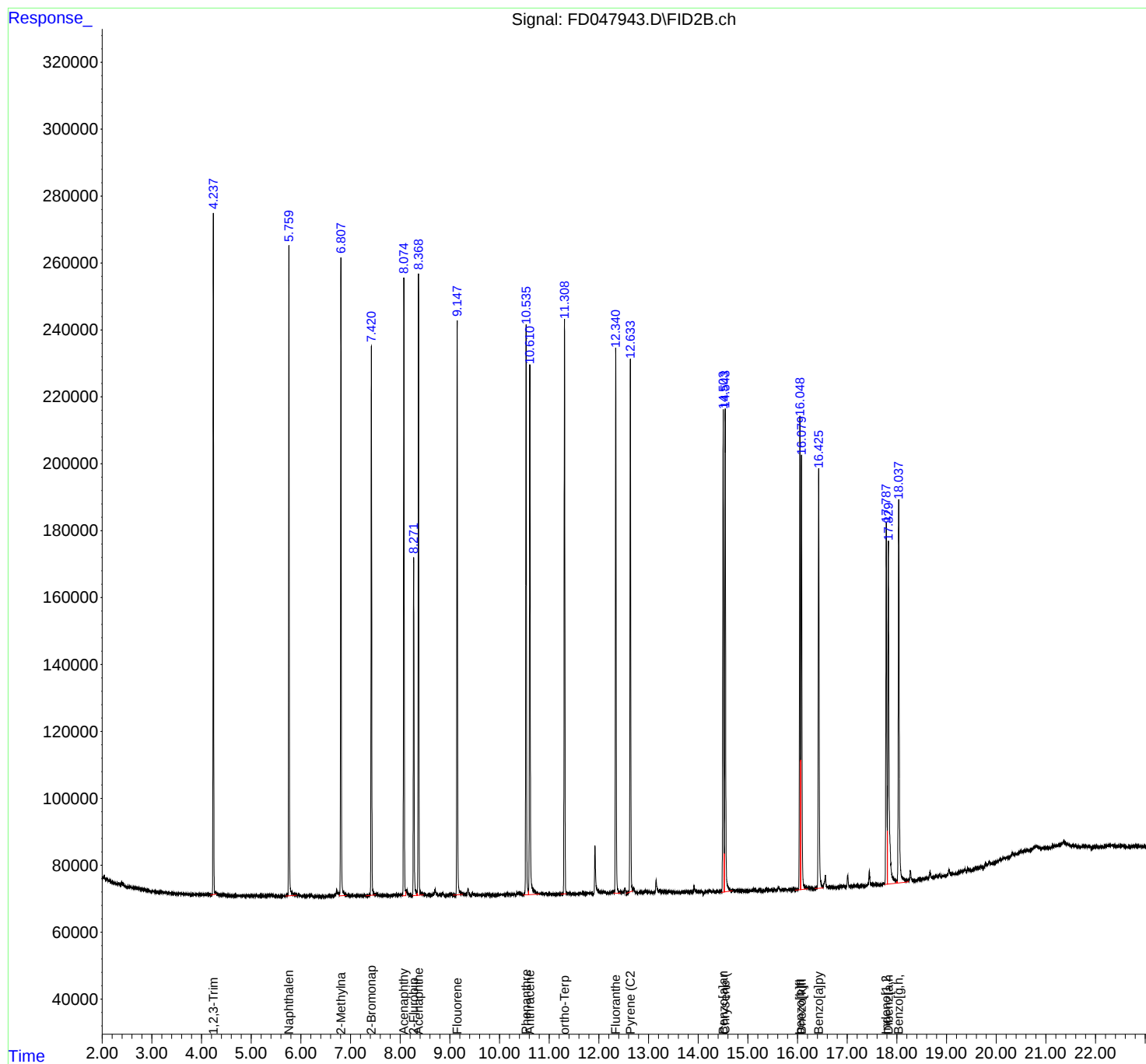
(m)=manual int.

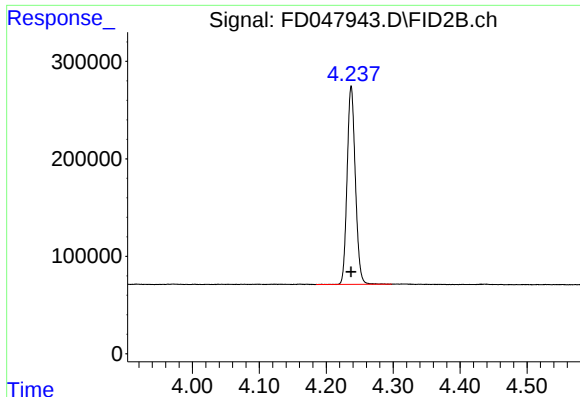
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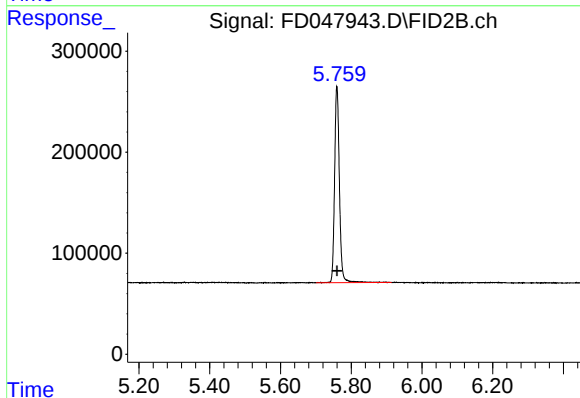




#1 1,2,3-Trimethylbenzene (C10.1)

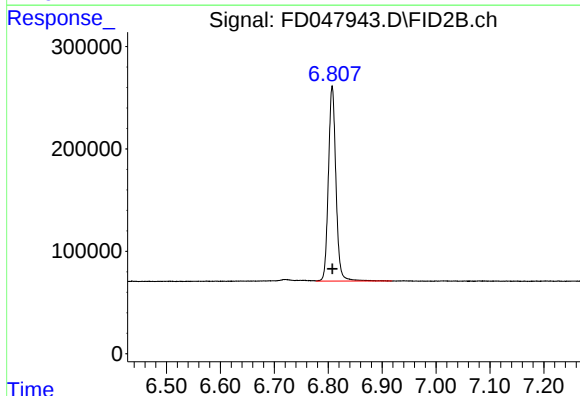
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 1737643
Conc: 10.89 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



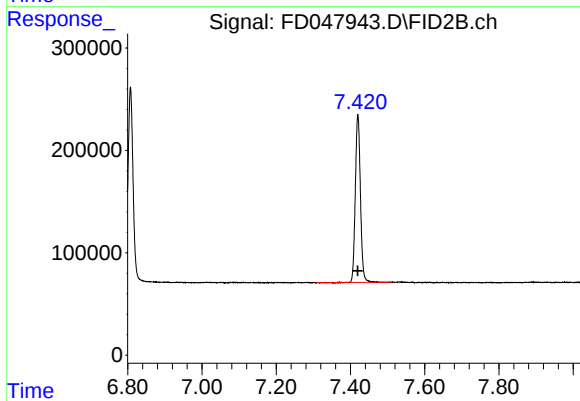
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 1840058
Conc: 10.94 ug/ml



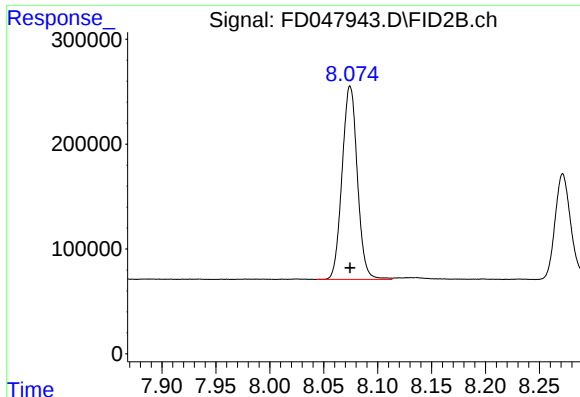
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 1854419
Conc: 10.90 ug/ml



#4 2-Bromonaphthalene (SURR)

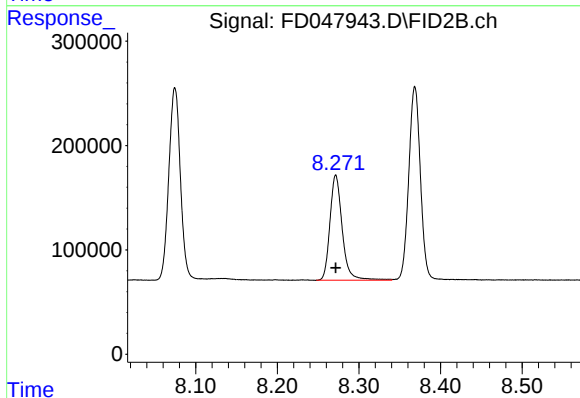
R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 1571574
Conc: 10.88 ug/ml



#5 Acenaphthylene (C15.06)

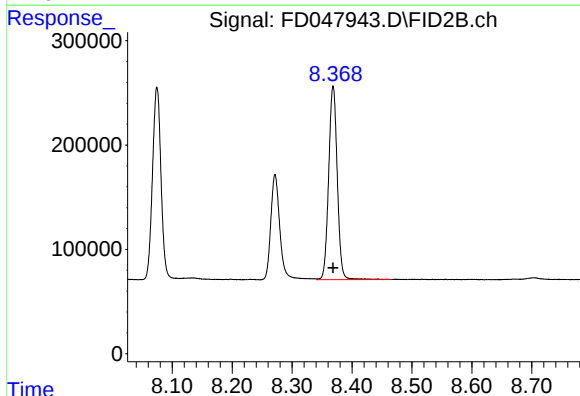
R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 1824472
Conc: 10.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



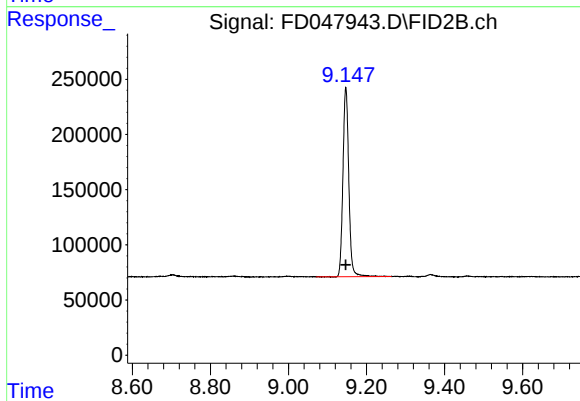
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 1056792
Conc: 10.81 ug/ml



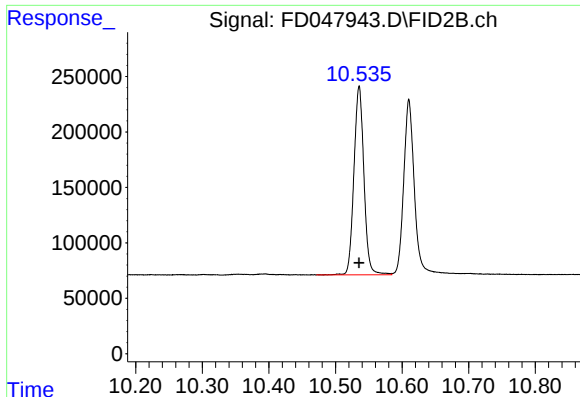
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 1846267
Conc: 11.00 ug/ml



#8 Fluorene (C16.55)

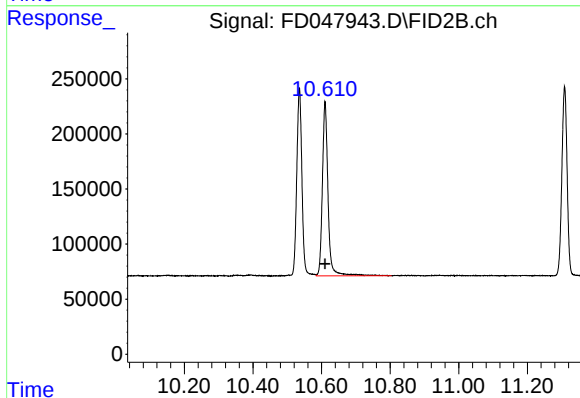
R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 1786549
Conc: 10.84 ug/ml



#9 Phenanthrene (C19.36)

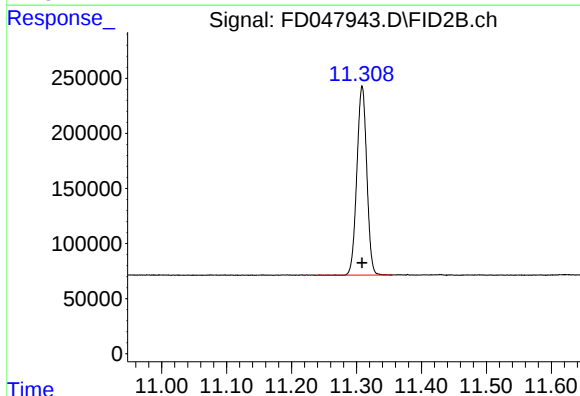
R.T.: 10.535 min
Delta R.T.: 0.000 min
Response: 1776152
Conc: 10.88 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



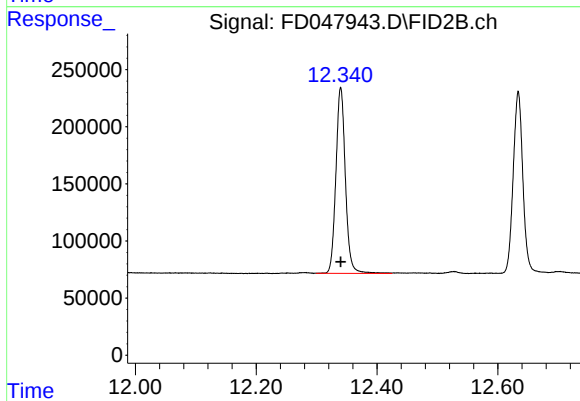
#10 Anthracene (C19.43)

R.T.: 10.610 min
Delta R.T.: 0.000 min
Response: 1801584
Conc: 11.06 ug/ml



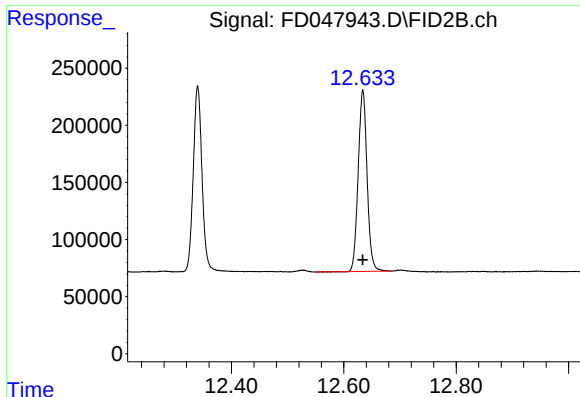
#11 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.000 min
Response: 1813872
Conc: 10.94 ug/ml



#12 Fluoranthene (C21.85)

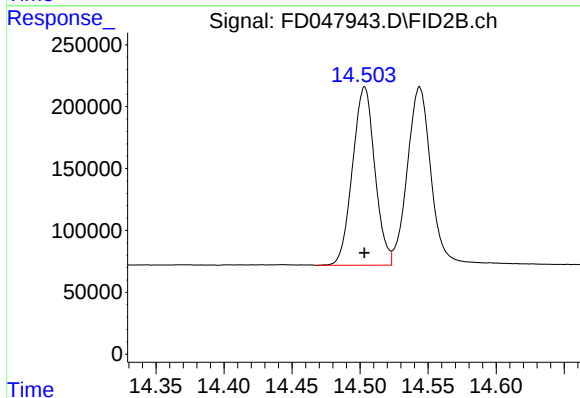
R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 1779887
Conc: 10.90 ug/ml



#13 Pyrene (C20.8)

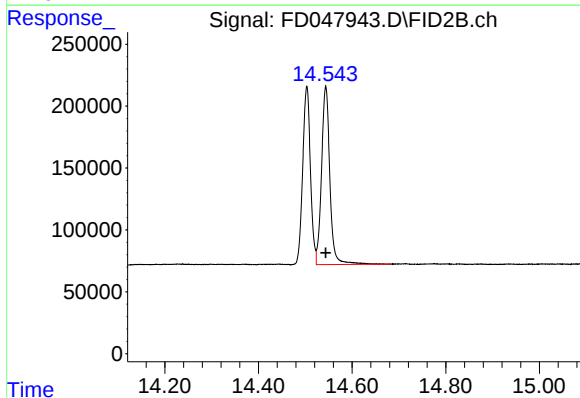
R.T.: 12.634 min
Delta R.T.: 0.000 min
Response: 1748947
Conc: 10.83 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



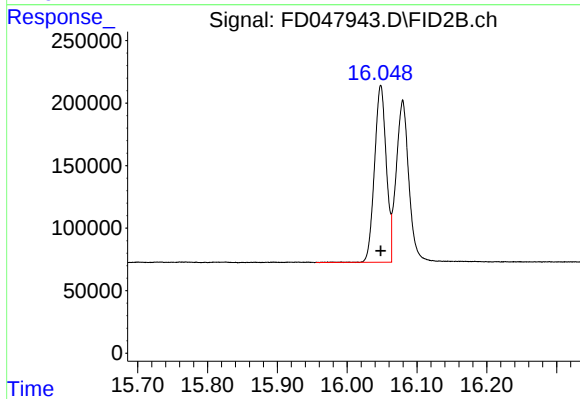
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: 0.000 min
Response: 1643694
Conc: 10.71 ug/ml



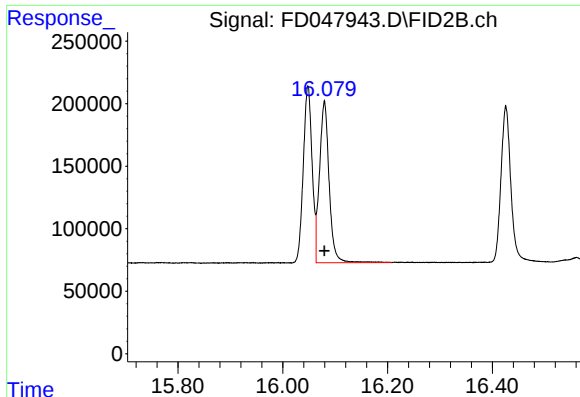
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 1778653
Conc: 11.11 ug/ml



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

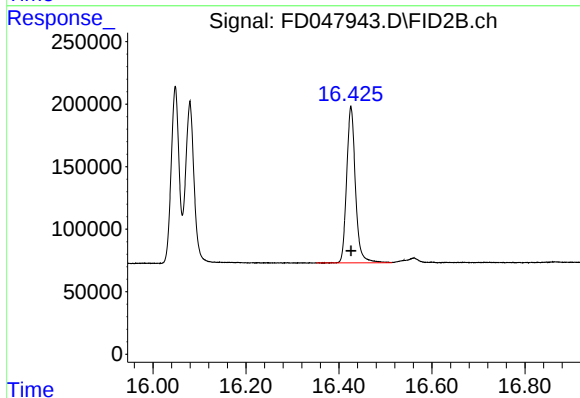
R.T.: 16.048 min
Delta R.T.: 0.000 min
Response: 1655095
Conc: 10.77 ug/ml



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

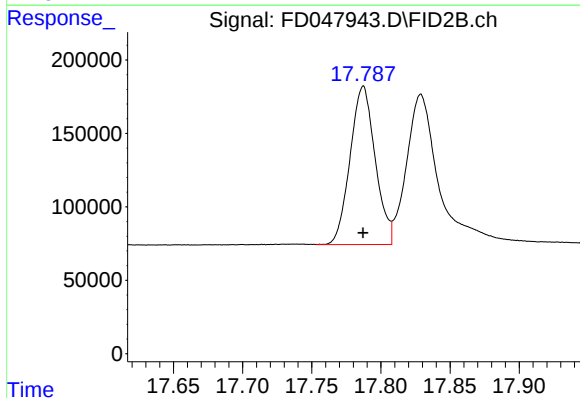
R.T.: 16.079 min
Delta R.T.: 0.000 min
Response: 1647836
Conc: 11.17 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



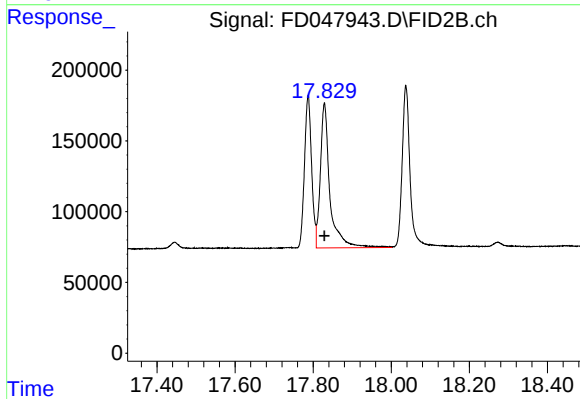
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.426 min
Delta R.T.: 0.000 min
Response: 1638183
Conc: 10.85 ug/ml



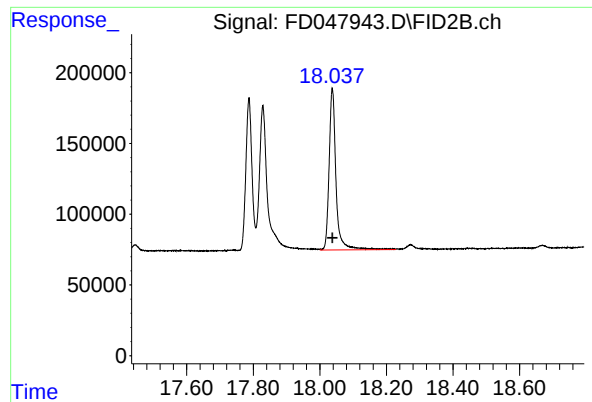
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: 0.000 min
Response: 1363764
Conc: 10.22 ug/ml



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

R.T.: 17.829 min
Delta R.T.: 0.000 min
Response: 1752855
Conc: 11.62 ug/ml



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

R.T.: 18.038 min
Delta R.T.: 0.000 min
Response: 1647912
Conc: 11.12 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4