

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047547.D
 Signal(s) : FID2B.ch
 Acq On : 19 Apr 2024 04:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 19 05:40:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.461	3130575	20.940 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
6) S 2-Fluorobiphenyl (SURR)	8.314	2047369	20.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.91%
11) S ortho-Terphenyl (SURR)	11.351	3570251	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3337911	21.124 ug/ml
2) T Naphthalene (C11.7)	5.800	3448000	21.071 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3456663	21.015 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3104165	20.566 ug/ml
7) T Acenaphthene (C15.5)	8.412	3345368	20.887 ug/ml
8) T Flouorene (C16.55)	9.191	3216516	20.792 ug/ml
9) T Phenanthrene (C19.36)	10.580	3121238	20.979 ug/ml
10) T Anthracene (C19.43)	10.654	2376184	17.471 ug/ml
12) T Fluoranthene (C21.85)	12.384	3103732	20.995 ug/ml
13) T Pyrene (C20.8)	12.678	3014870	20.890 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2737502	20.815 ug/ml
15) T Chrysene (C27.41)	14.586	2921983	20.722 ug/ml
16) T benzo[b]fluoranthene ...	16.090	2943579	21.099 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	3001574	21.580 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	2906694	21.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	2726841	20.215 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	2931577	21.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	2900903	20.901 ug/ml

(f)=RT Delta > 1/2 Window

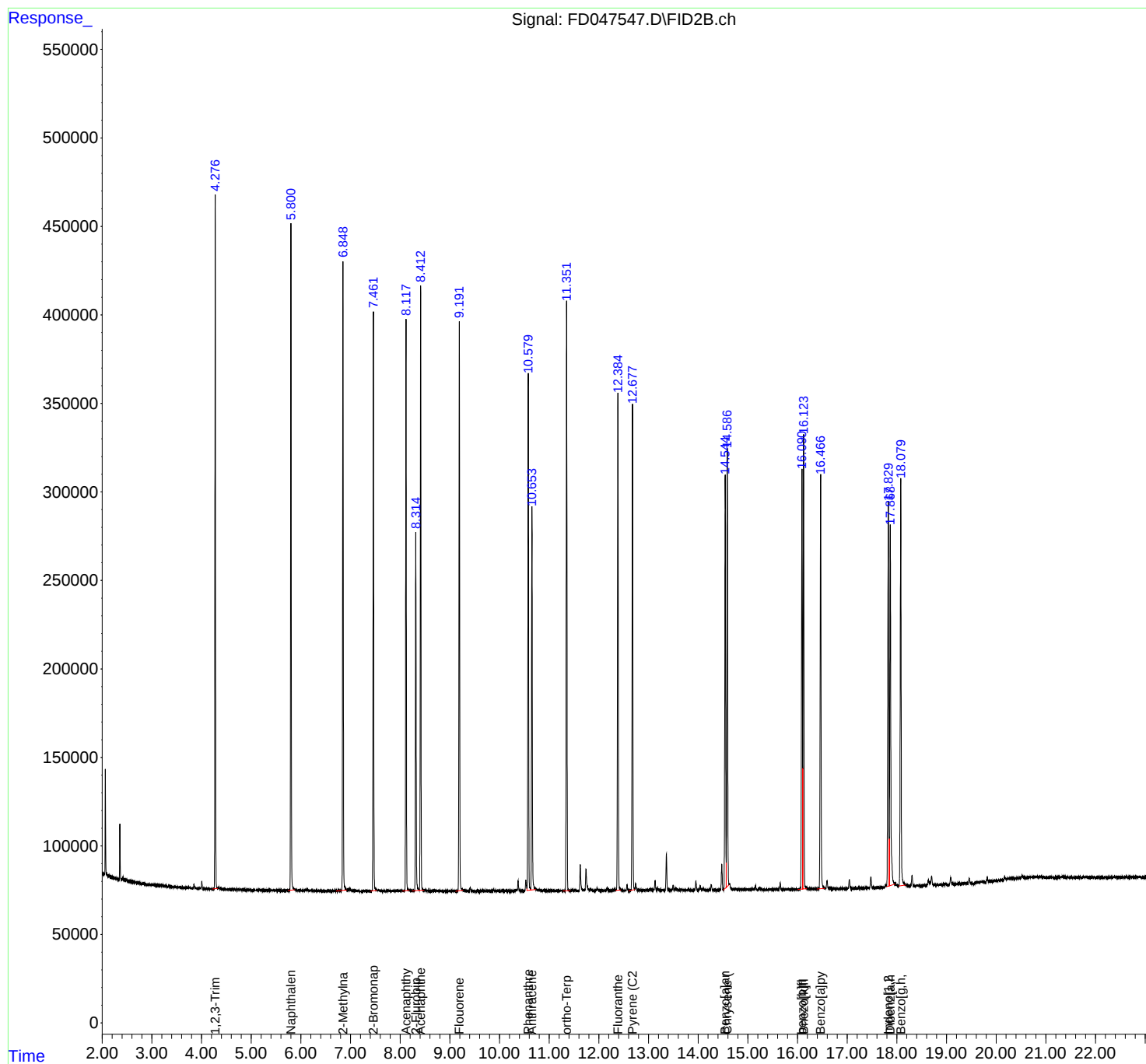
(m)=manual int.

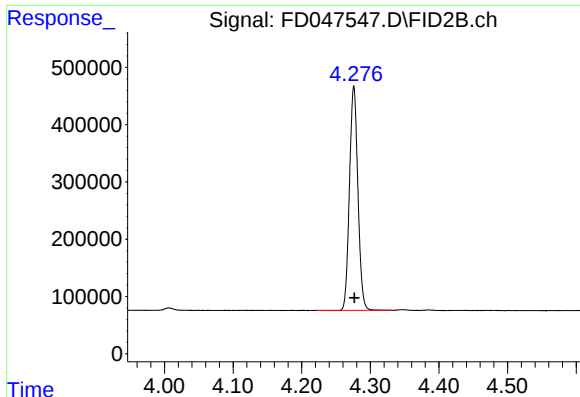
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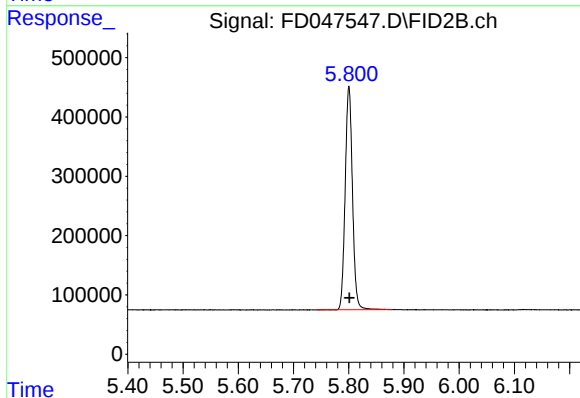




#1 1,2,3-Trimethylbenzene (C10.1)

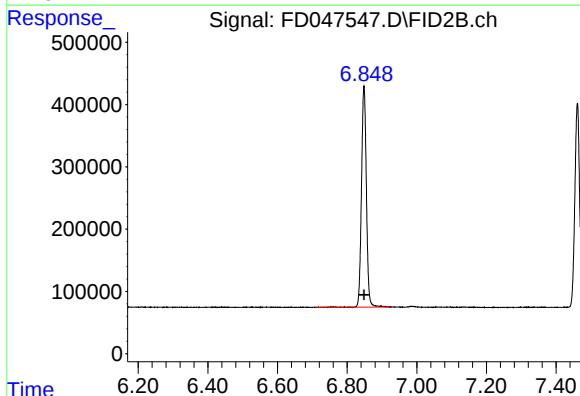
R.T.: 4.276 min
Delta R.T.: -0.001 min
Response: 3337911
Conc: 21.12 ug/ml

Instrument :
FID_D
ClientSampleId :



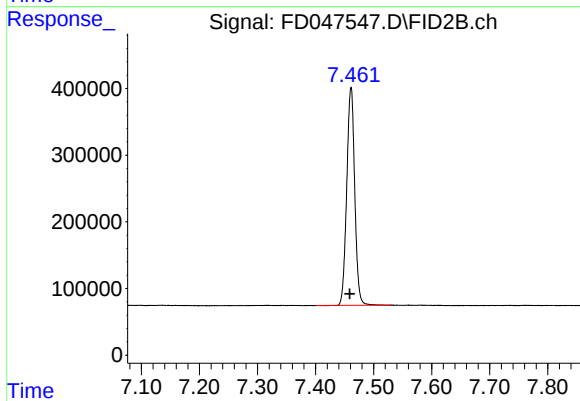
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 3448000
Conc: 21.07 ug/ml



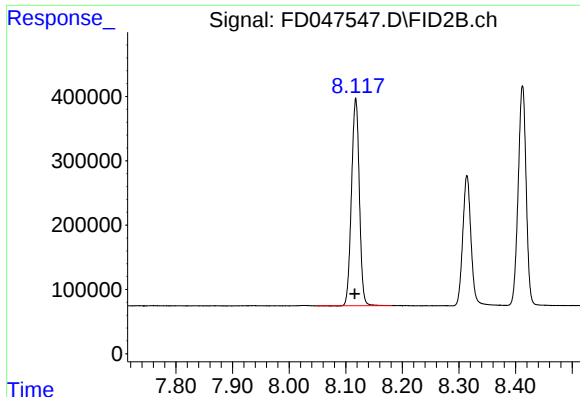
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3456663
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

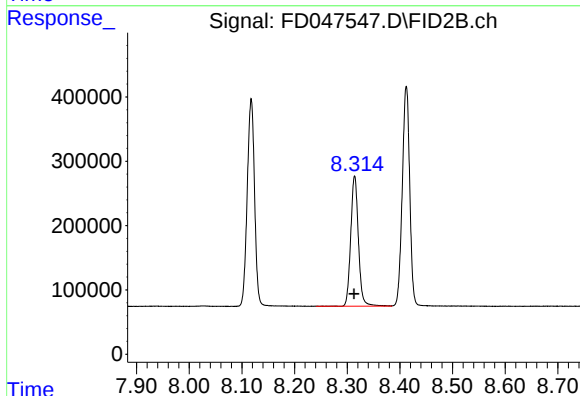
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 3130575
Conc: 20.94 ug/ml



#5 Acenaphthylene (C15.06)

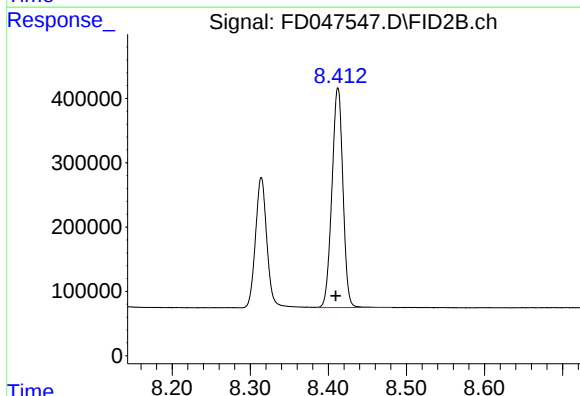
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 3104165
Conc: 20.57 ug/ml

Instrument :
FID_D
ClientSampleId :



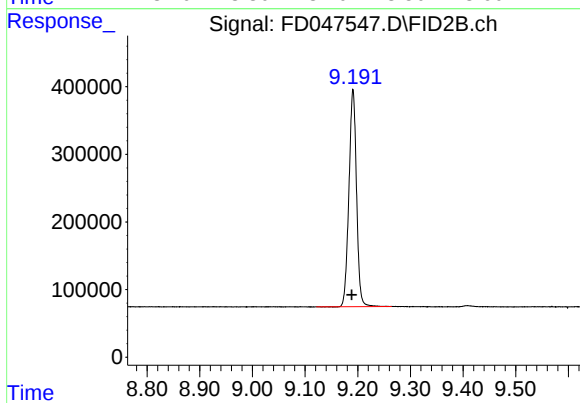
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2047369
Conc: 20.95 ug/ml



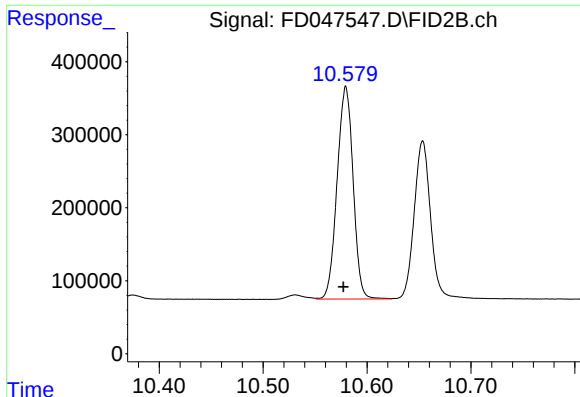
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 3345368
Conc: 20.89 ug/ml



#8 Fluorene (C16.55)

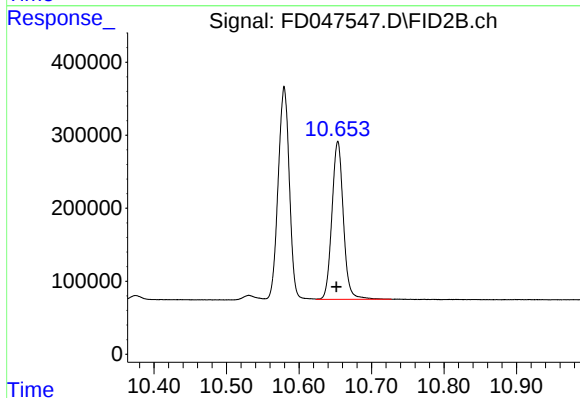
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3216516
Conc: 20.79 ug/ml



#9 Phenanthrene (C19.36)

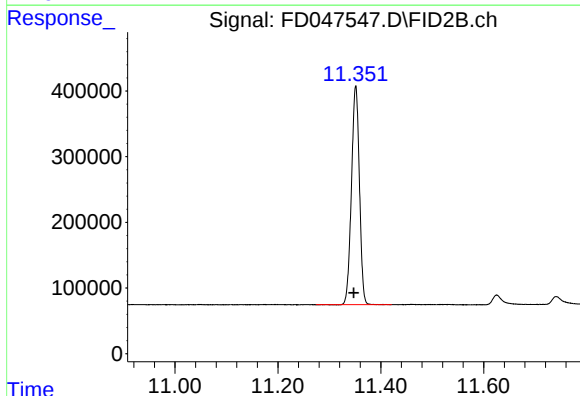
R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 3121238
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :



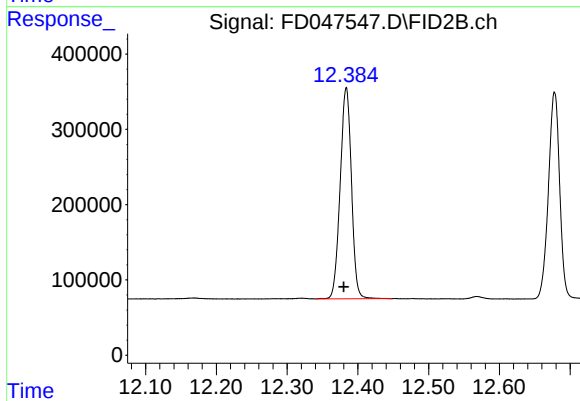
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.002 min
Response: 2376184
Conc: 17.47 ug/ml



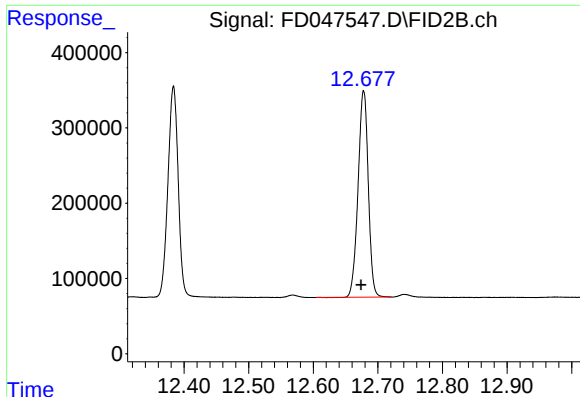
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 3570251
Conc: 20.83 ug/ml



#12 Fluoranthene (C21.85)

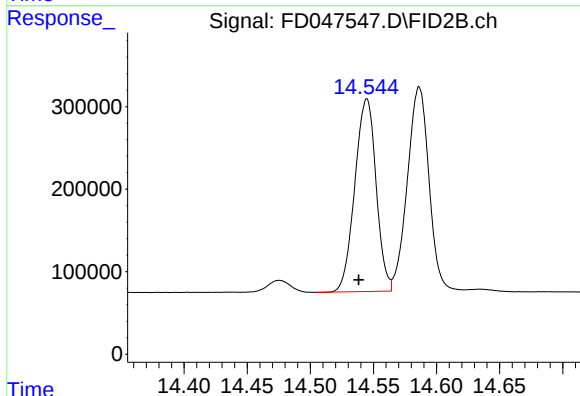
R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 3103732
Conc: 21.00 ug/ml



#13 Pyrene (C20.8)

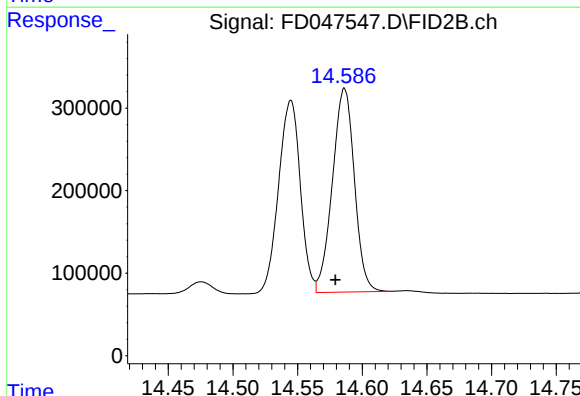
R.T.: 12.678 min
Delta R.T.: 0.004 min
Response: 3014870
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :



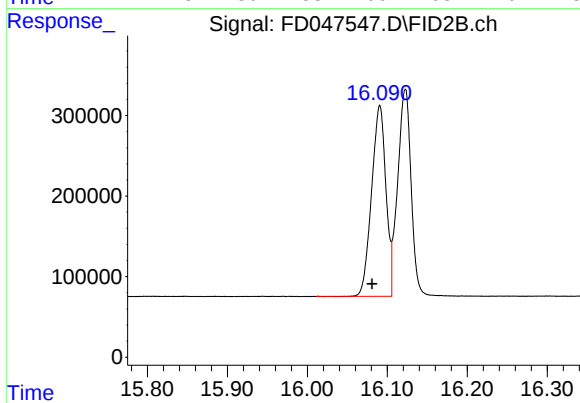
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.006 min
Response: 2737502
Conc: 20.82 ug/ml



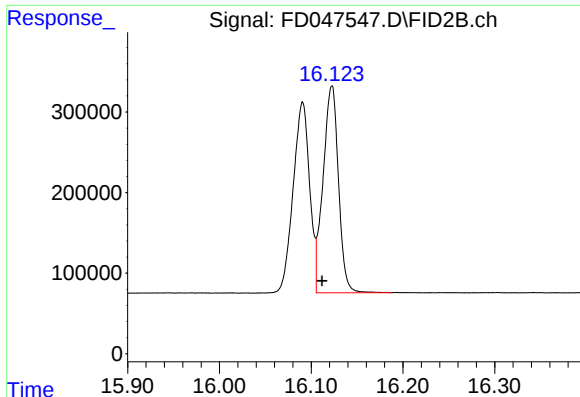
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.007 min
Response: 2921983
Conc: 20.72 ug/ml



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

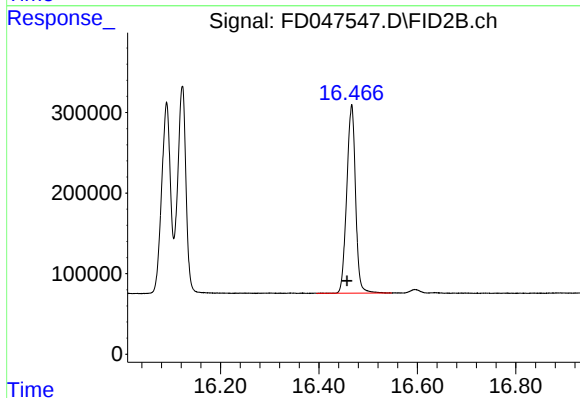
R.T.: 16.090 min
Delta R.T.: 0.009 min
Response: 2943579
Conc: 21.10 ug/ml



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

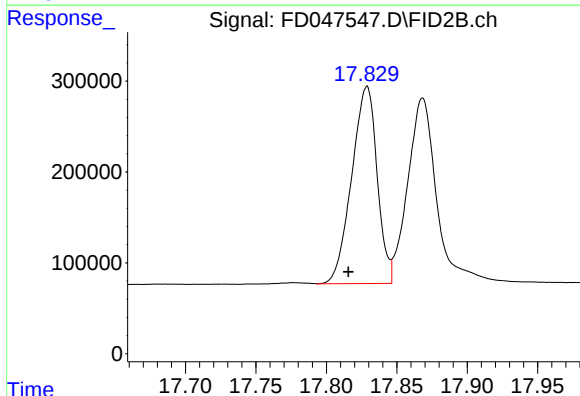
R.T.: 16.122 min
Delta R.T.: 0.010 min
Response: 3001574
Conc: 21.58 ug/ml

Instrument :
FID_D
ClientSampleId :



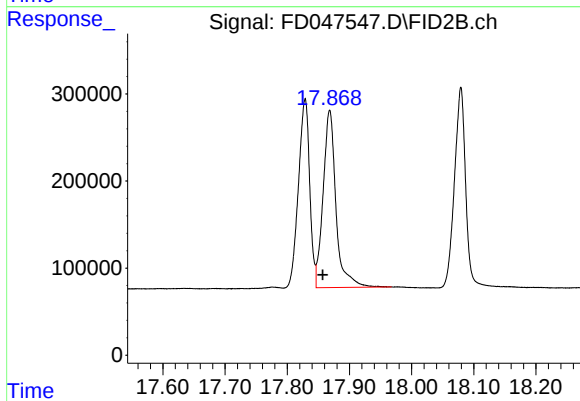
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.009 min
Response: 2906694
Conc: 21.17 ug/ml



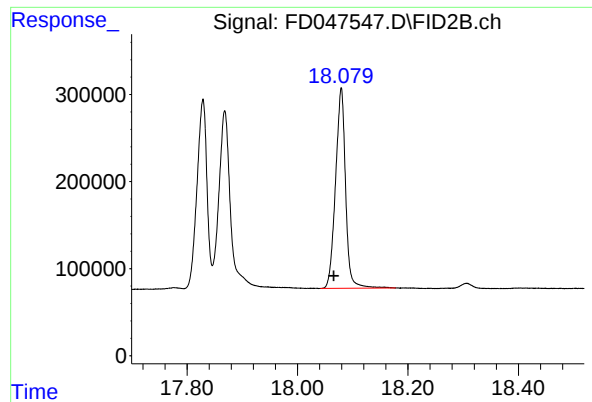
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.013 min
Response: 2726841
Conc: 20.22 ug/ml



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

R.T.: 17.868 min
Delta R.T.: 0.011 min
Response: 2931577
Conc: 21.81 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.013 min
Response: 2900903
Conc: 20.90 ug/ml

Instrument :

FID_D

ClientSampleId :