

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046795.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 17:49
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 28 02:45:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:41:01 2023
 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...	7.488	8462031	48.884 ug/ml
Spiked Amount 50.000		Recovery =	97.77%
6) S 2-Fluorobiphenyl (SURR)	8.341	5566757	48.923 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.85%
11) S ortho-Terphenyl (SURR)	11.379	9799097	48.833 ug/ml
Spiked Amount 50.000		Recovery =	97.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	8844833	48.831 ug/ml
2) T Naphthalene (C11.7)	5.827	9250340	48.900 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	9337429	48.911 ug/ml
5) T Acenaphthylene (C15.06)	8.146	8569365	48.941 ug/ml
7) T Acenaphthene (C15.5)	8.442	9077761	48.819 ug/ml
8) T Flouorene (C16.55)	9.219	8764901	48.929 ug/ml
9) T Phenanthrene (C19.36)	10.608	8473417	49.022 ug/ml
10) T Anthracene (C19.43)	10.683	8088393	49.074 ug/ml
12) T Fluoranthene (C21.85)	12.412	8167588	48.850 ug/ml
13) T Pyrene (C20.8)	12.706	7916866	48.796 ug/ml
14) T Benzo[a]anthracene (C...	14.569	6781043	48.964 ug/ml
15) T Chrysene (C27.41)	14.613	7200252	48.671 ug/ml
16) T benzo[b]fluoranthene ...	16.112	6763755	48.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	6724827	48.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	6580593	48.814 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	6188364	48.995 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	6222504	49.185 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6463520	49.059 ug/ml

(f)=RT Delta > 1/2 Window

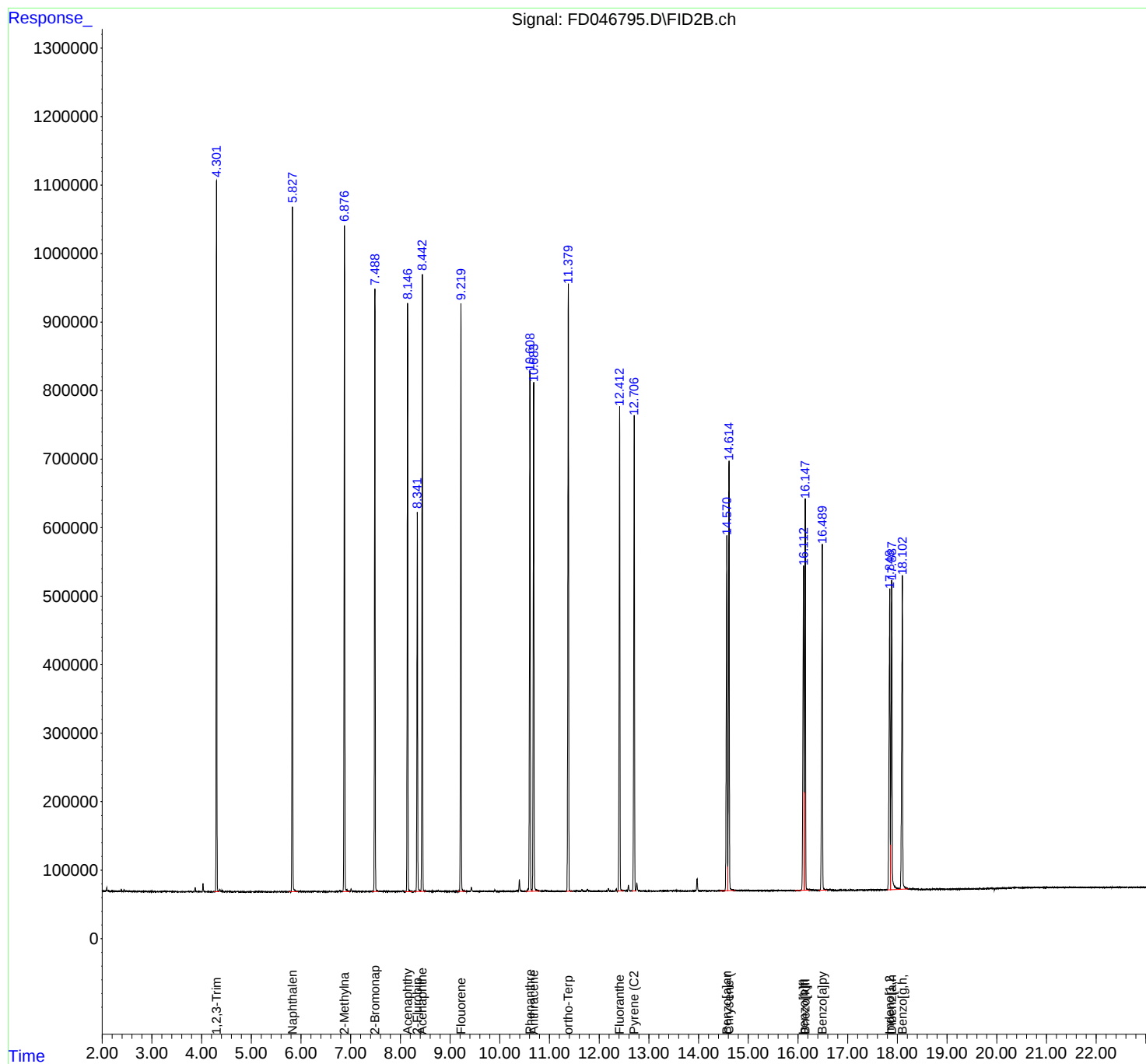
(m)=manual int.

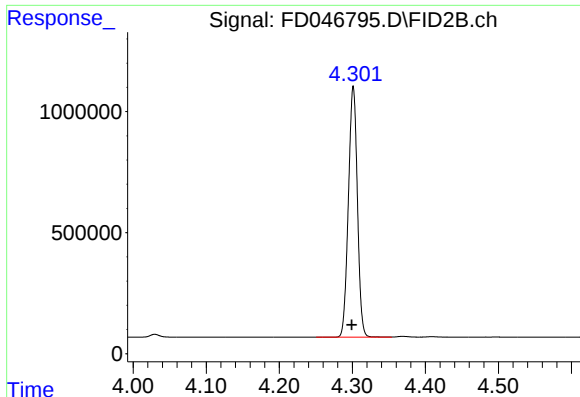
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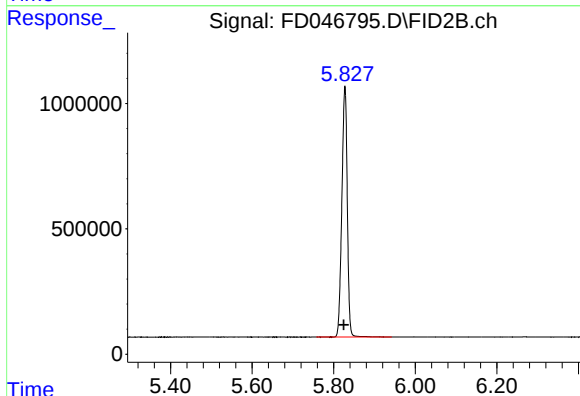




#1 1,2,3-Trimethylbenzene (C10.1)

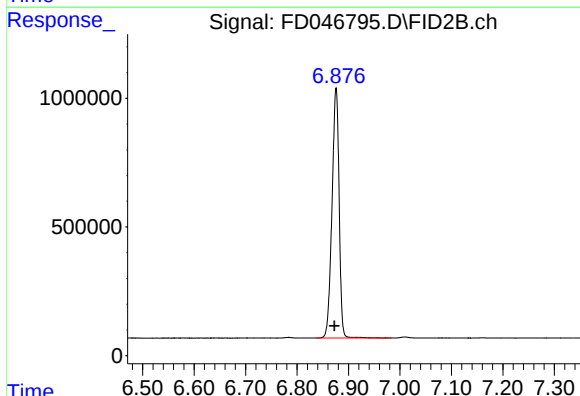
R.T.: 4.301 min
Delta R.T.: 0.002 min
Response: 8844833
Conc: 48.83 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



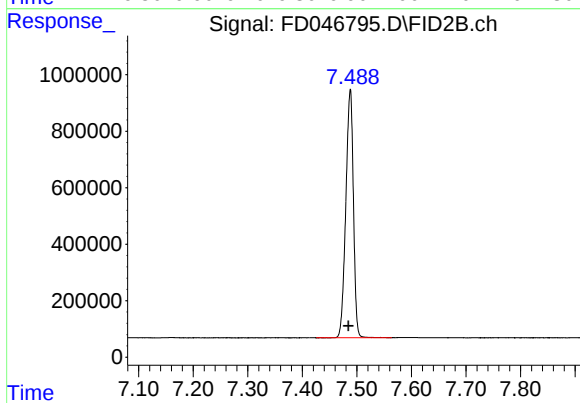
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 9250340
Conc: 48.90 ug/ml



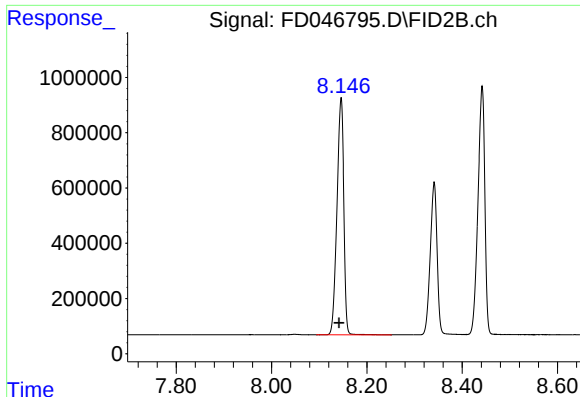
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.003 min
Response: 9337429
Conc: 48.91 ug/ml



#4 2-Bromonaphthalene (SURR)

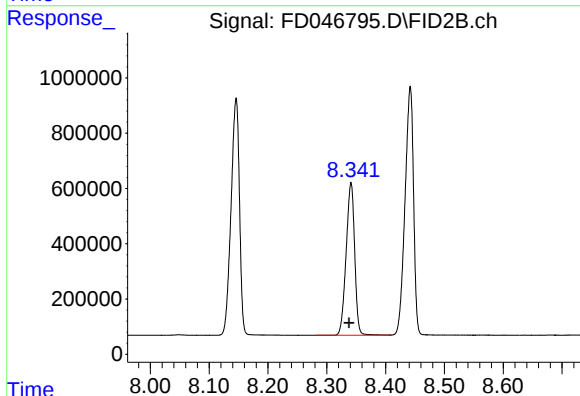
R.T.: 7.488 min
Delta R.T.: 0.003 min
Response: 8462031
Conc: 48.88 ug/ml



#5 Acenaphthylene (C15.06)

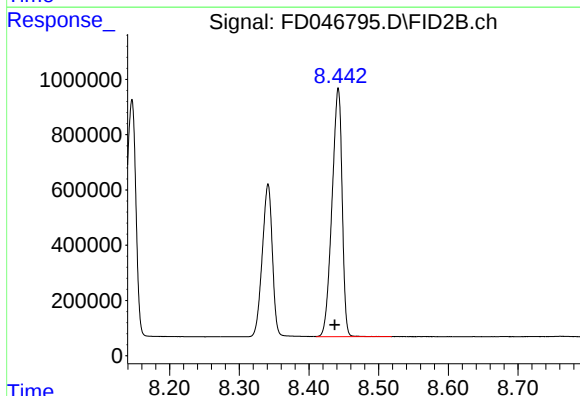
R.T.: 8.146 min
Delta R.T.: 0.004 min
Response: 8569365
Conc: 48.94 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



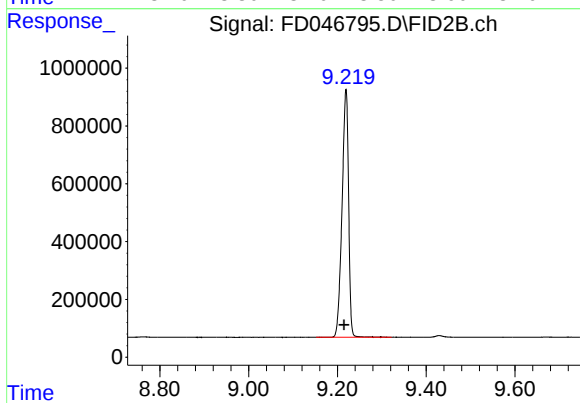
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.003 min
Response: 5566757
Conc: 48.92 ug/ml



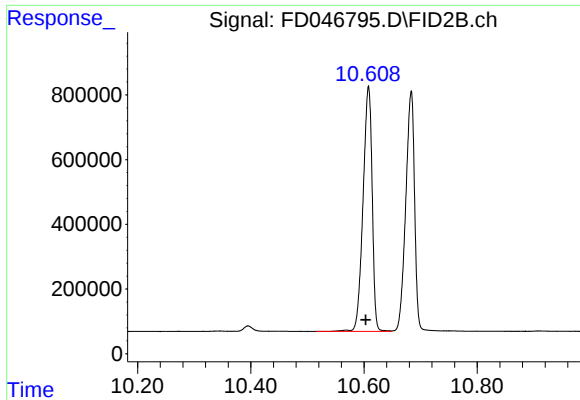
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: 0.005 min
Response: 9077761
Conc: 48.82 ug/ml



#8 Flouorene (C16.55)

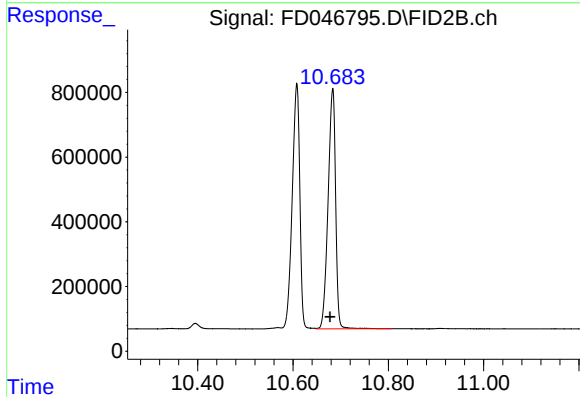
R.T.: 9.219 min
Delta R.T.: 0.004 min
Response: 8764901
Conc: 48.93 ug/ml



#9 Phenanthrene (C19.36)

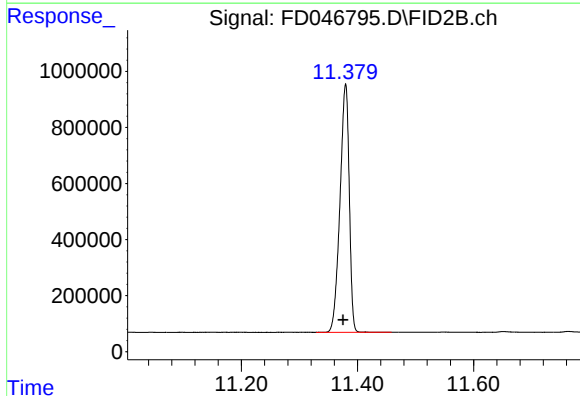
R.T.: 10.608 min
Delta R.T.: 0.004 min
Response: 8473417
Conc: 49.02 ug/ml

Instrument :
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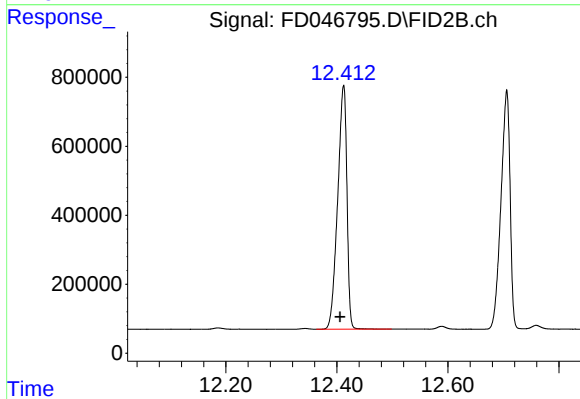
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.005 min
Response: 8088393
Conc: 49.07 ug/ml



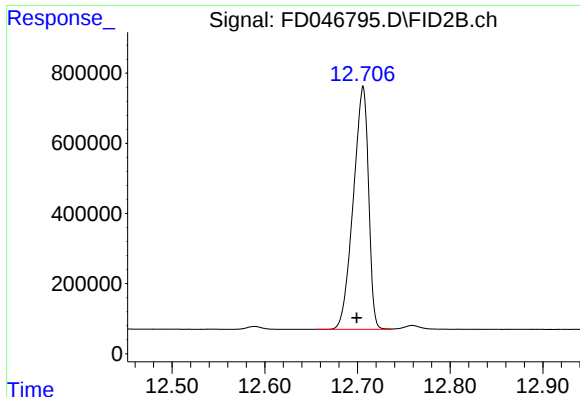
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.004 min
Response: 9799097
Conc: 48.83 ug/ml



#12 Fluoranthene (C21.85)

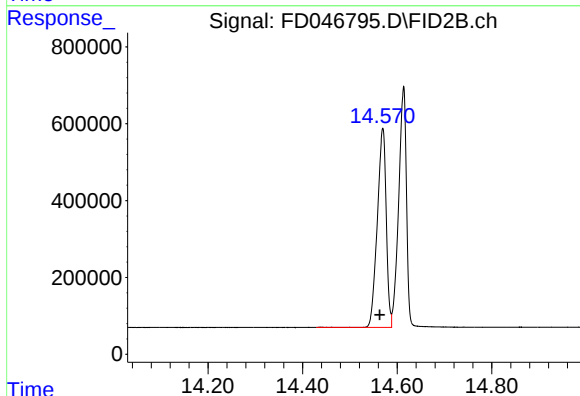
R.T.: 12.412 min
Delta R.T.: 0.006 min
Response: 8167588
Conc: 48.85 ug/ml



#13 Pyrene (C20.8)

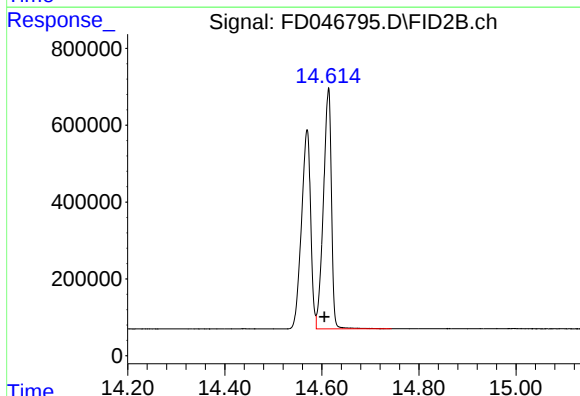
R.T.: 12.706 min
Delta R.T.: 0.006 min
Response: 7916866
Conc: 48.80 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



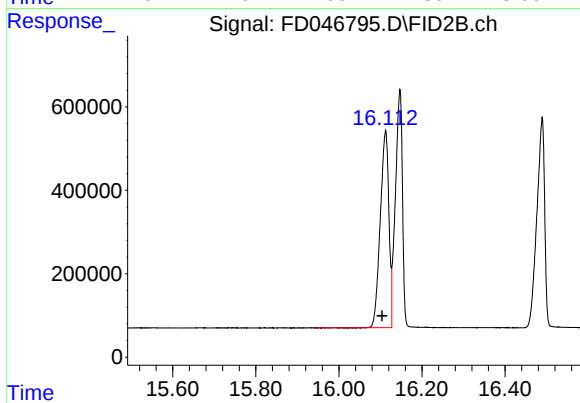
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: 0.007 min
Response: 6781043
Conc: 48.96 ug/ml



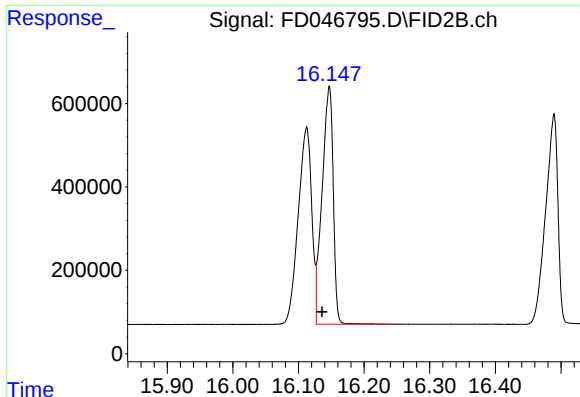
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: 0.008 min
Response: 7200252
Conc: 48.67 ug/ml



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

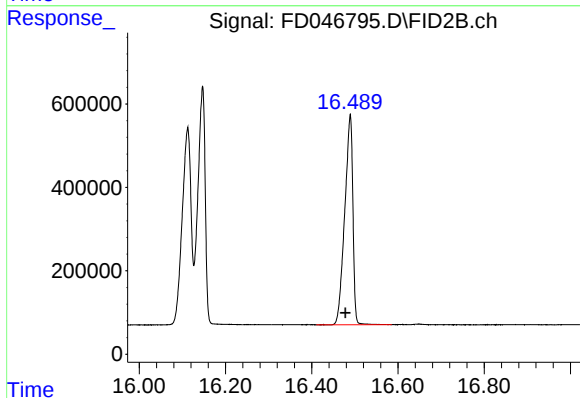
R.T.: 16.112 min
Delta R.T.: 0.008 min
Response: 6763755
Conc: 48.76 ug/ml



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

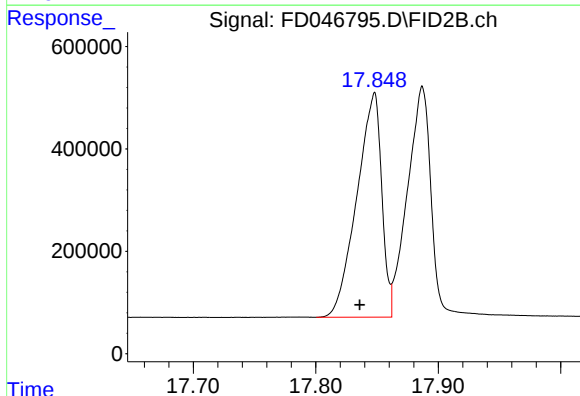
R.T.: 16.146 min
Delta R.T.: 0.011 min
Response: 6724827
Conc: 48.43 ug/ml

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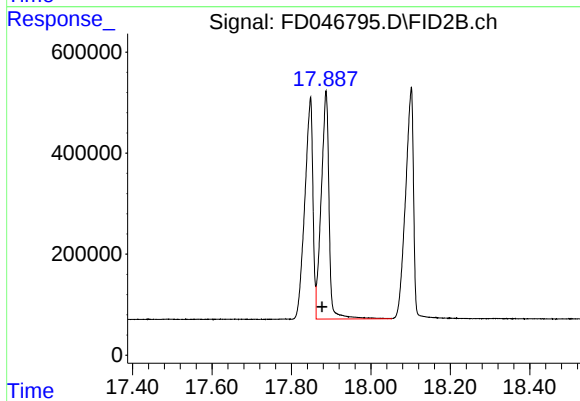
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: 0.010 min
Response: 6580593
Conc: 48.81 ug/ml



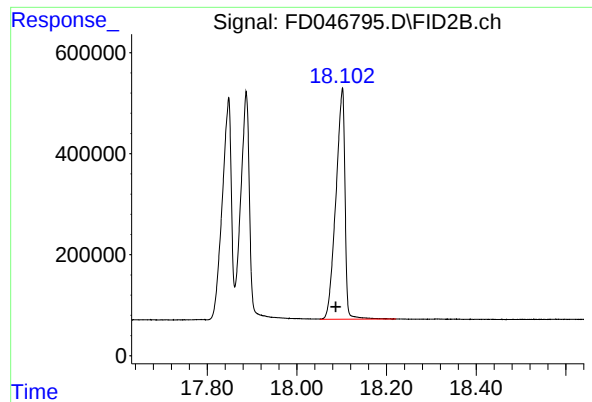
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 6188364
Conc: 48.99 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.010 min
Response: 6222504
Conc: 49.19 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.013 min
Response: 6463520
Conc: 49.06 ug/ml

Instrument :

FID_D

ClientSampleId :

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