

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
 Data File : FD047995.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2024 10:40
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 15 12:37:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 12:29:11 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...	7.411	7338070	50.623 ug/ml
Spiked Amount 50.000		Recovery =	101.25%
6) S 2-Fluorobiphenyl (SURR)	8.263	4876131	50.947 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.89%
11) S ortho-Terphenyl (SURR)	11.302	8266537	50.611 ug/ml
Spiked Amount 50.000		Recovery =	101.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	8220286	50.441 ug/ml
2) T Naphthalene (C11.7)	5.751	8667809	50.773 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	8623219	50.616 ug/ml
5) T Acenaphthylene (C15.06)	8.067	8466924	50.652 ug/ml
7) T Acenaphthene (C15.5)	8.362	8486339	50.498 ug/ml
8) T Flouorene (C16.55)	9.140	8201274	50.737 ug/ml
9) T Phenanthrene (C19.36)	10.529	8092539	50.892 ug/ml
10) T Anthracene (C19.43)	10.605	7977235	51.011 ug/ml
12) T Fluoranthene (C21.85)	12.335	8019396	50.831 ug/ml
13) T Pyrene (C20.8)	12.629	7966631	50.918 ug/ml
14) T Benzo[a]anthracene (C...	14.499	7415012	51.504 ug/ml
15) T Chrysene (C27.41)	14.542	7739154	50.602 ug/ml
16) T benzo[b]fluoranthene ...	16.046	7552924	51.063 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	7212752	50.838 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.422	7399320	51.175 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	6454521	52.130 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	7059840	50.930 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	7325230	50.931 ug/ml

(f)=RT Delta > 1/2 Window

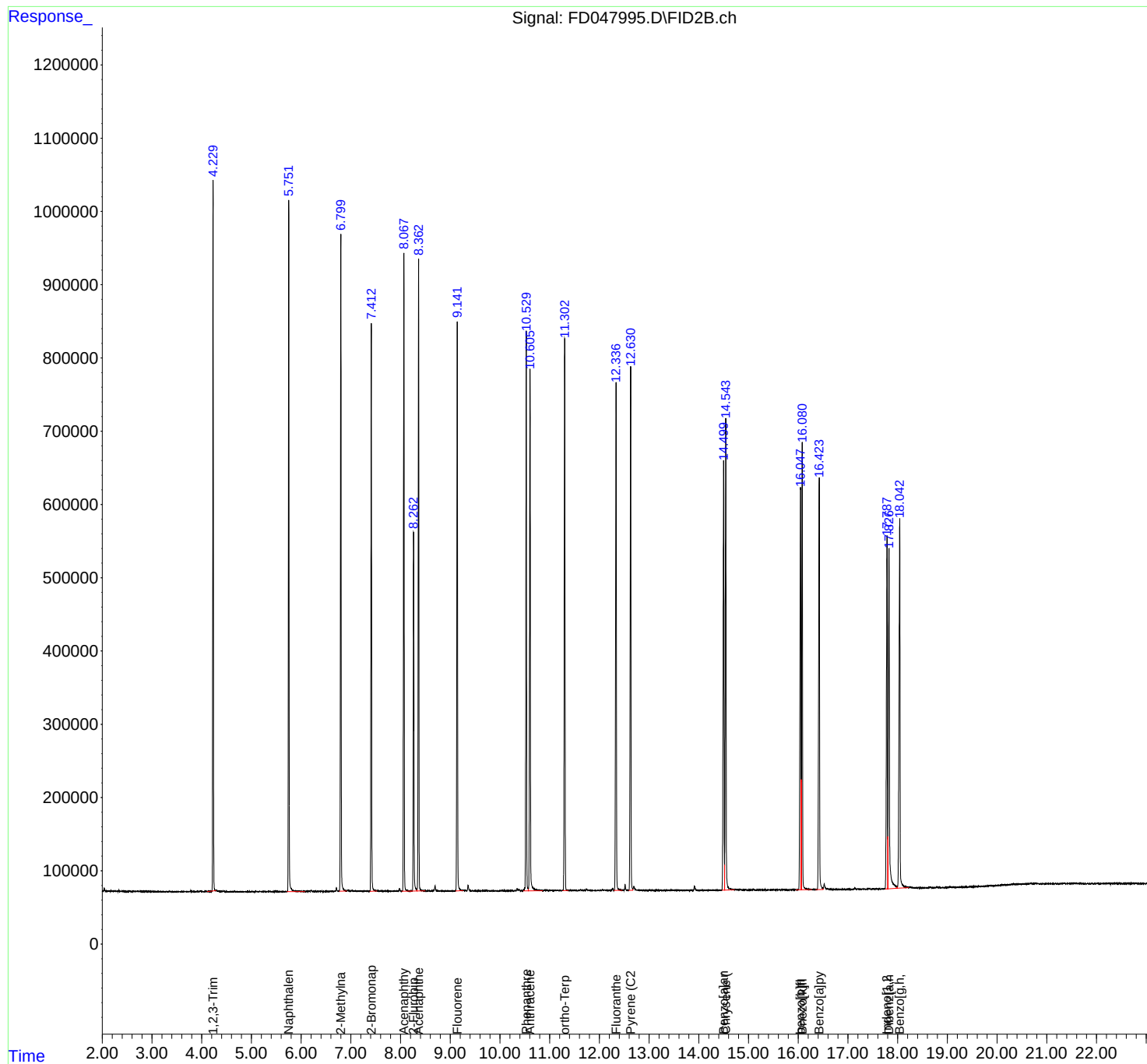
(m)=manual int.

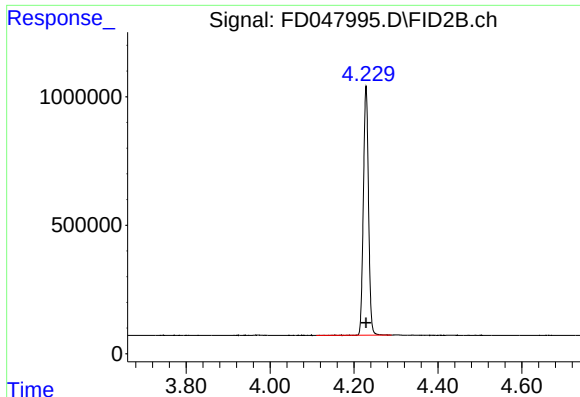
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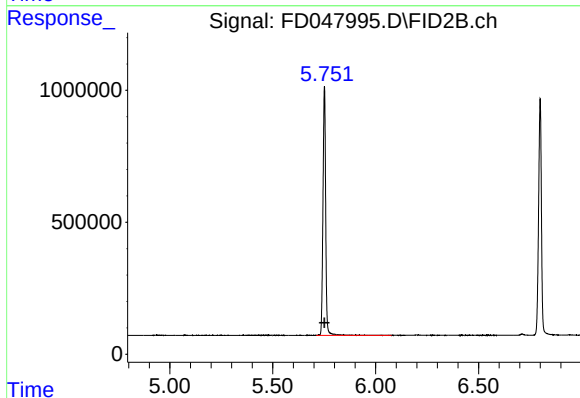




#1 1,2,3-Trimethylbenzene (C10.1)

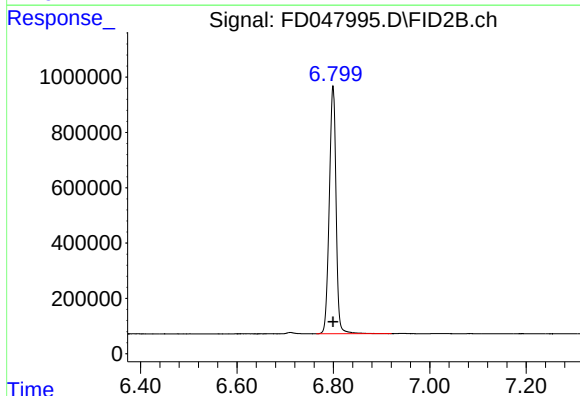
R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 8220286
Conc: 50.44 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



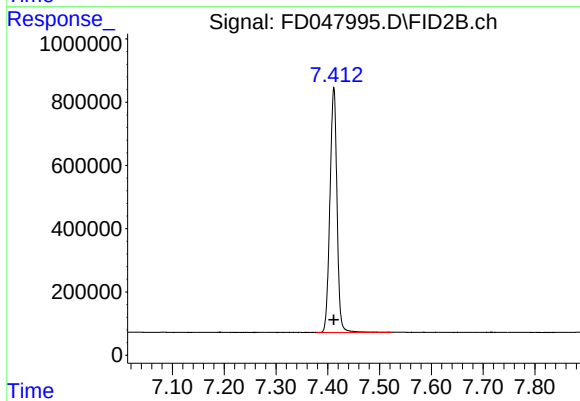
#2 Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 8667809
Conc: 50.77 ug/ml



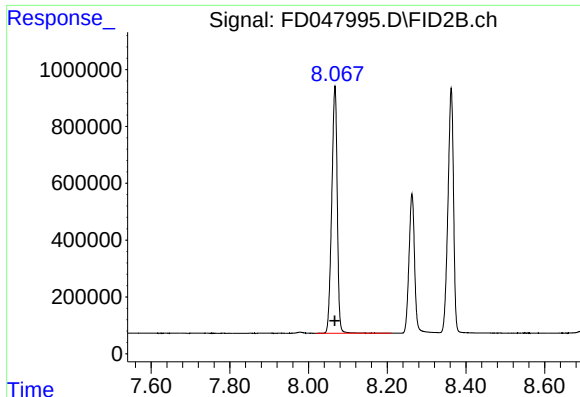
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 8623219
Conc: 50.62 ug/ml



#4 2-Bromonaphthalene (SURR)

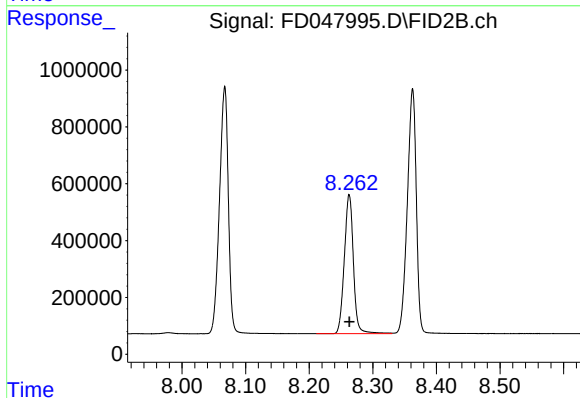
R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 7338070
Conc: 50.62 ug/ml



#5 Acenaphthylene (C15.06)

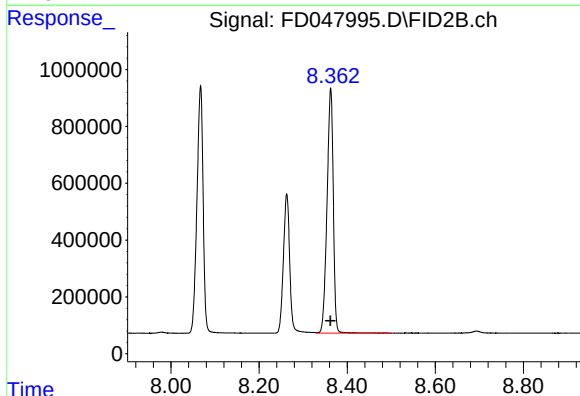
R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 8466924
Conc: 50.65 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



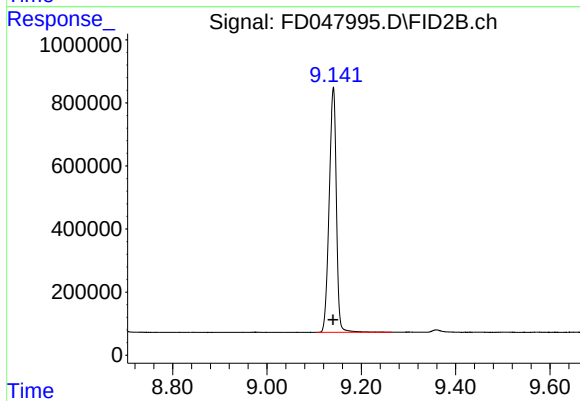
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 4876131
Conc: 50.95 ug/ml



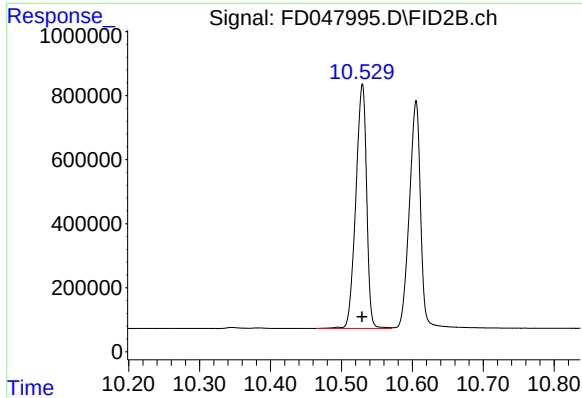
#7 Acenaphthene (C15.5)

R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 8486339
Conc: 50.50 ug/ml



#8 Fluorene (C16.55)

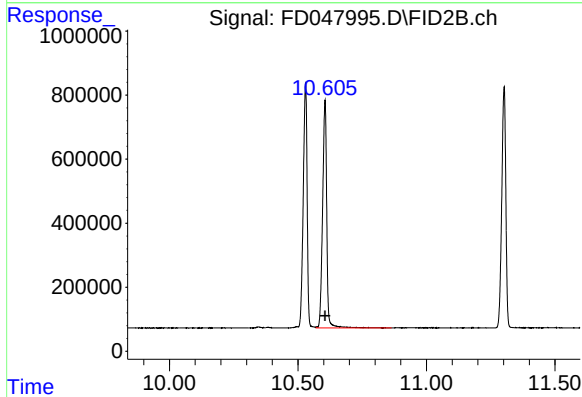
R.T.: 9.140 min
Delta R.T.: 0.000 min
Response: 8201274
Conc: 50.74 ug/ml



#9 Phenanthrene (C19.36)

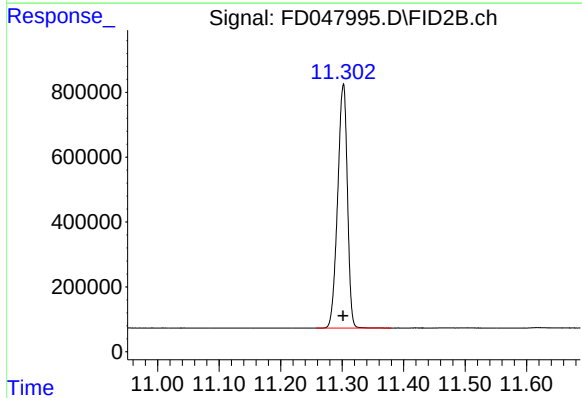
R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 8092539
Conc: 50.89 ug/ml

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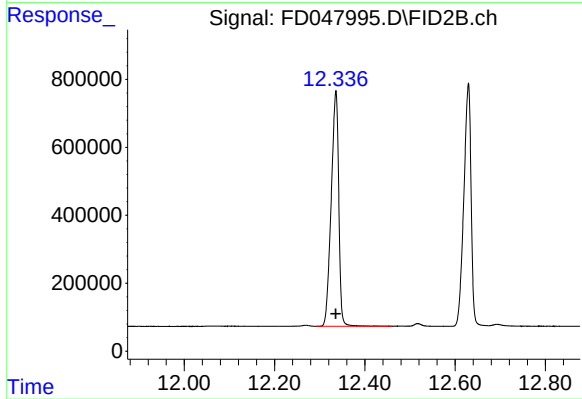
#10 Anthracene (C19.43)

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 7977235
Conc: 51.01 ug/ml



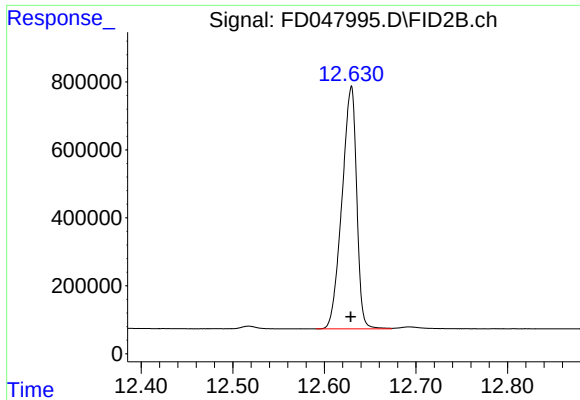
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 8266537
Conc: 50.61 ug/ml



#12 Fluoranthene (C21.85)

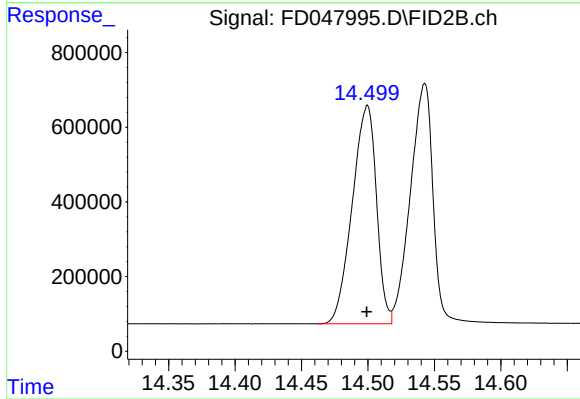
R.T.: 12.335 min
Delta R.T.: 0.000 min
Response: 8019396
Conc: 50.83 ug/ml



#13 Pyrene (C20.8)

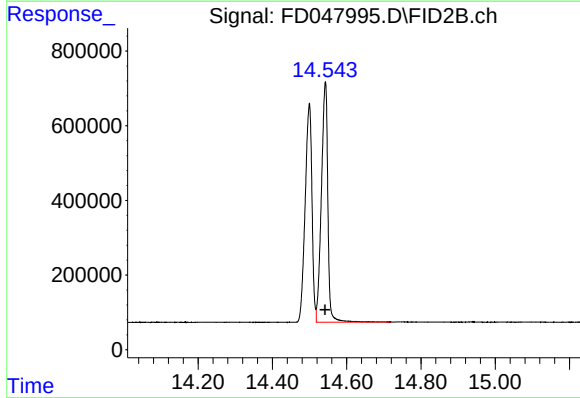
R.T.: 12.629 min
Delta R.T.: 0.000 min
Response: 7966631
Conc: 50.92 ug/ml

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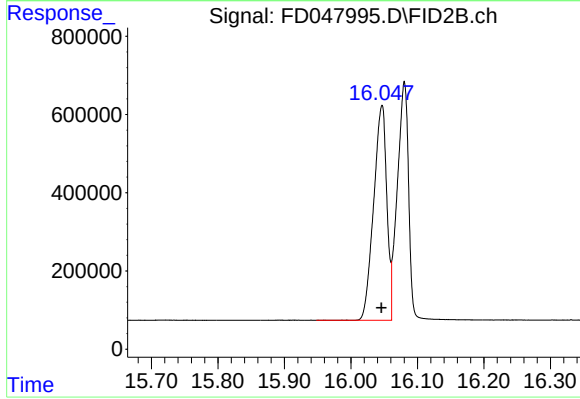
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 7415012
Conc: 51.50 ug/ml



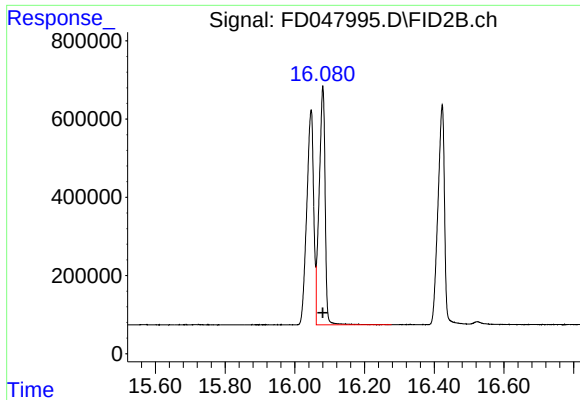
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: 0.000 min
Response: 7739154
Conc: 50.60 ug/ml



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

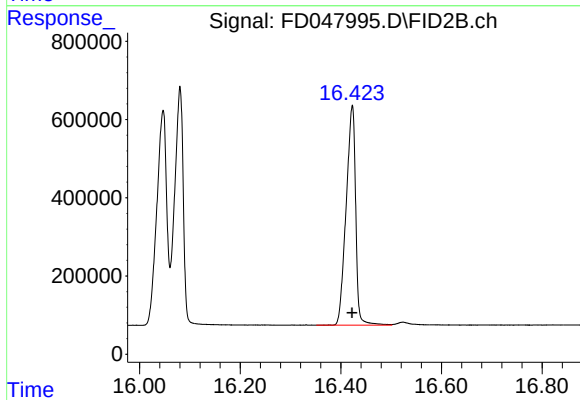
R.T.: 16.046 min
Delta R.T.: 0.000 min
Response: 7552924
Conc: 51.06 ug/ml



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

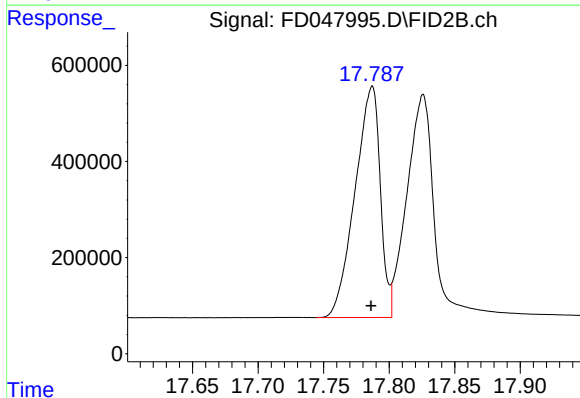
R.T.: 16.080 min
Delta R.T.: 0.000 min
Response: 7212752
Conc: 50.84 ug/ml

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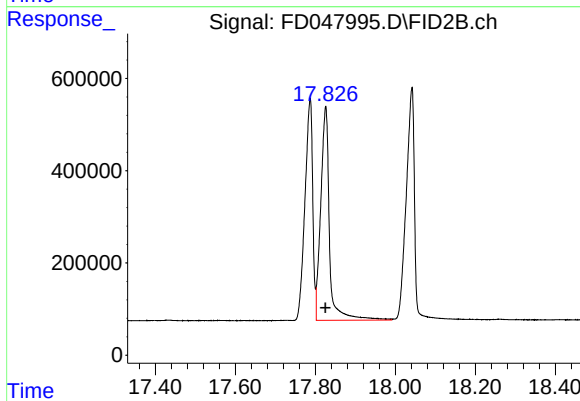
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: 0.000 min
Response: 7399320
Conc: 51.18 ug/ml



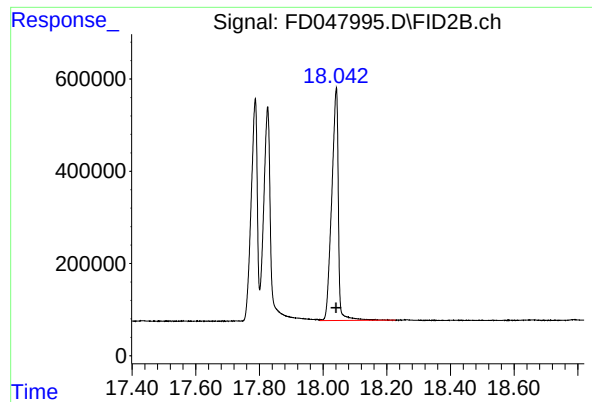
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.786 min
Delta R.T.: 0.000 min
Response: 6454521
Conc: 52.13 ug/ml



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

R.T.: 17.825 min
Delta R.T.: 0.000 min
Response: 7059840
Conc: 50.93 ug/ml



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

R.T.: 18.040 min
Delta R.T.: 0.000 min
Response: 7325230
Conc: 50.93 ug/ml

Instrument :
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ClientSampleId :
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