

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048919.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 09:48
 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: Dec 31 11:28:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:18:57 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...	7.360	7754852	49.511 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
6) S 2-Fluorobiphenyl (SURR)	8.211	5164211	50.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.04%
11) S ortho-Terphenyl (SURR)	11.247	8963420	49.512 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	8381886	49.437 ug/ml
2) T Naphthalene (C11.7)	5.700	8957830	49.343 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	8997768	49.273 ug/ml
5) T Acenaphthylene (C15.06)	8.014	8944216	49.459 ug/ml
7) T Acenaphthene (C15.5)	8.309	9066196	49.268 ug/ml
8) T Fluorene (C16.55)	9.087	8838194	49.567 ug/ml
9) T Phenanthrene (C19.36)	10.475	8876596	49.953 ug/ml
10) T Anthracene (C19.43)	10.551	8336357	49.642 ug/ml
12) T Fluoranthene (C21.85)	12.280	8956748	49.523 ug/ml
13) T Pyrene (C20.8)	12.573	8889824	49.599 ug/ml
14) T Benzo[a]anthracene (C...	14.444	8472305	50.115 ug/ml
15) T Chrysene (C27.41)	14.487	8943300	48.965 ug/ml
16) T benzo[b]fluoranthene ...	15.994	8671568	49.890 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	8369265	49.092 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	8469852	49.740 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	7460749	50.633 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	8341959	48.641 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	8193036	49.528 ug/ml

(f)=RT Delta > 1/2 Window

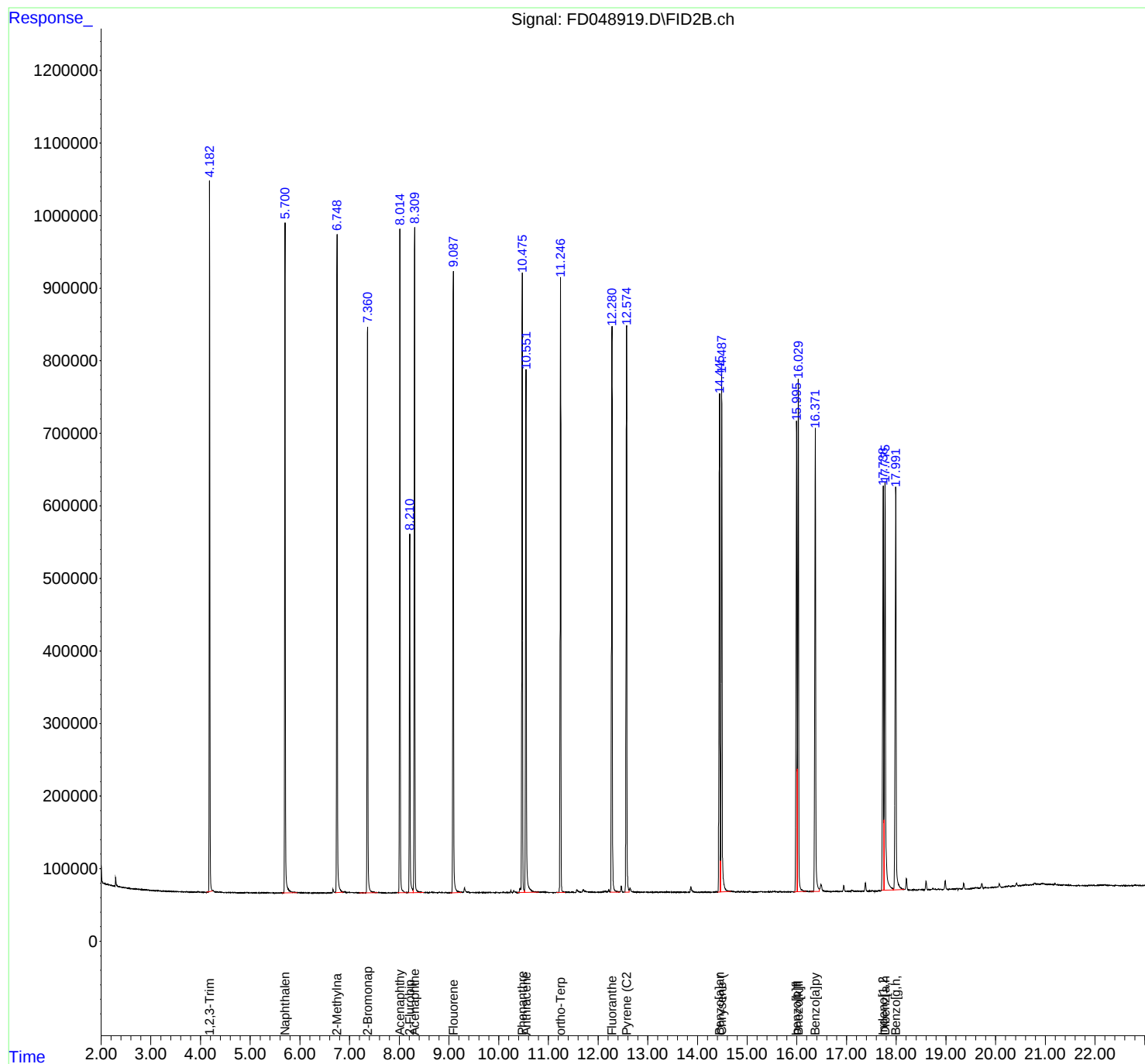
(m)=manual int.

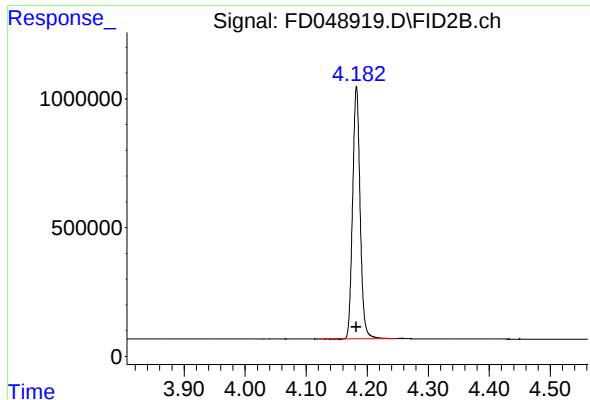
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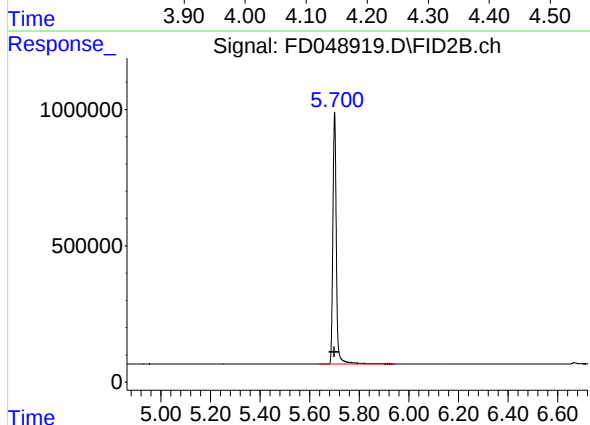




#1 1,2,3-Trimethylbenzene (C10.1)

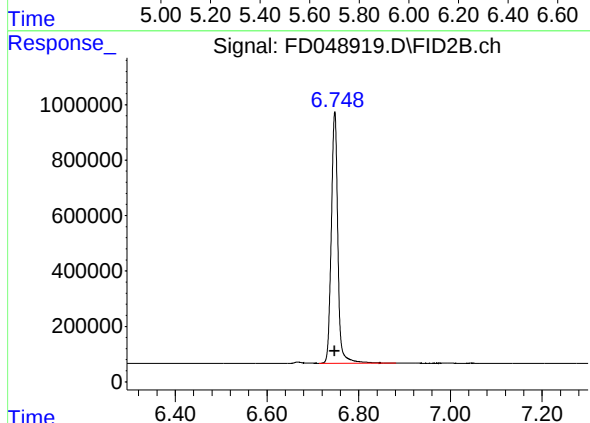
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 8381886
Conc: 49.44 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



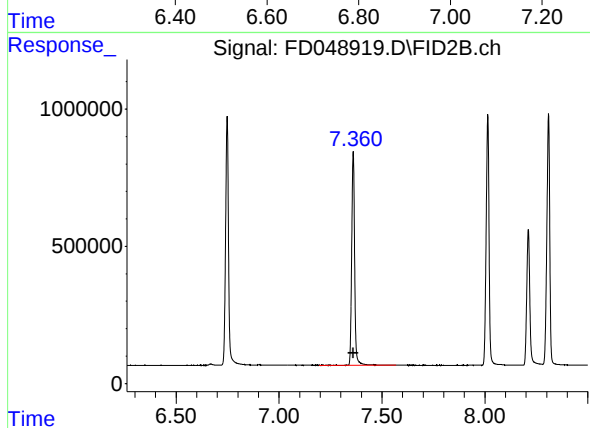
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 8957830
Conc: 49.34 ug/ml



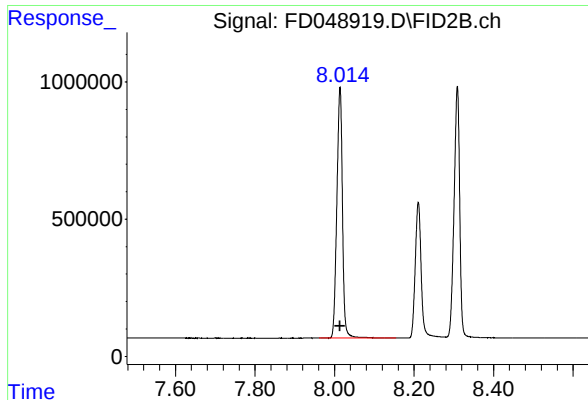
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 8997768
Conc: 49.27 ug/ml



#4 2-Bromonaphthalene (SURR)

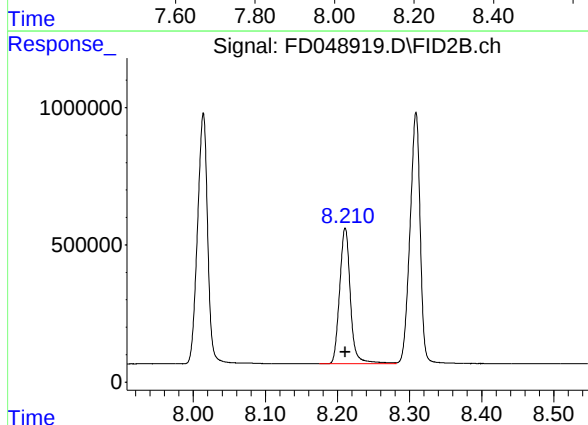
R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 7754852
Conc: 49.51 ug/ml



#5 Acenaphthylene (C15.06)

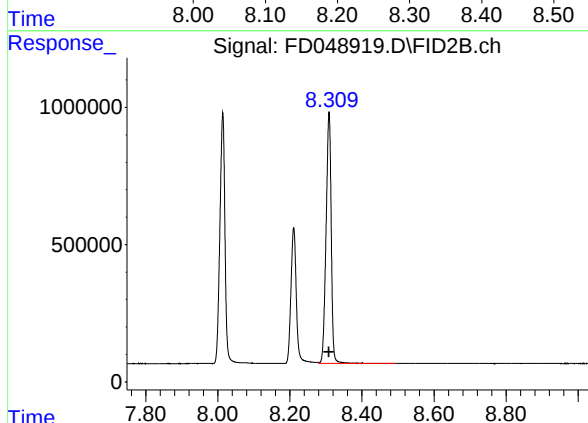
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 8944216
Conc: 49.46 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



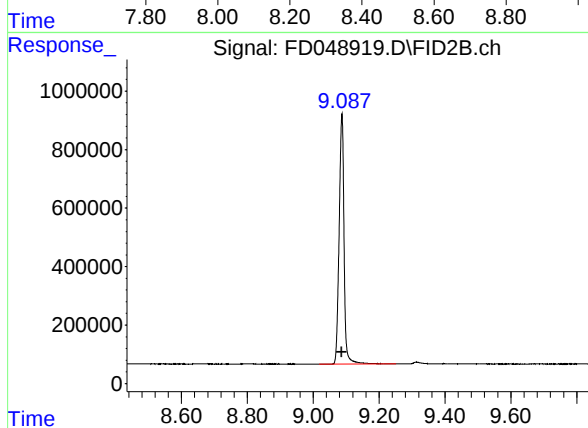
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 5164211
Conc: 50.02 ug/ml



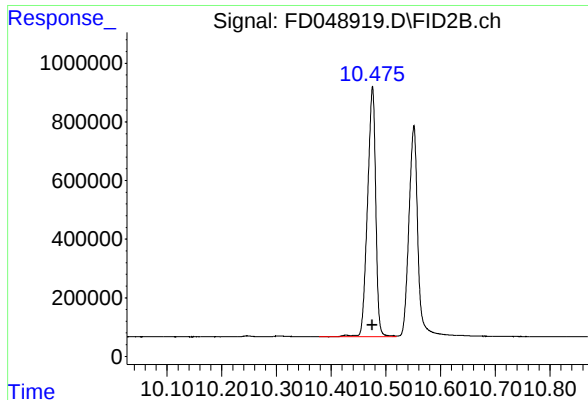
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 9066196
Conc: 49.27 ug/ml



#8 Flouorene (C16.55)

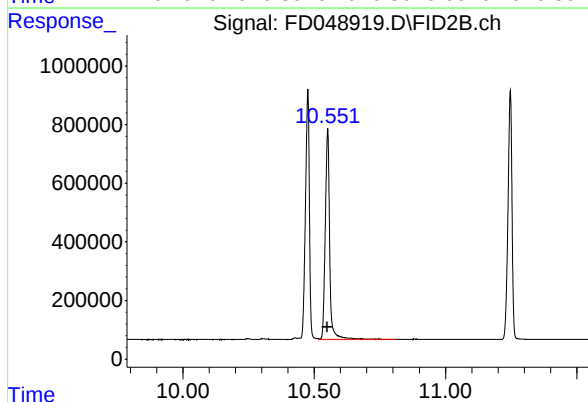
R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 8838194
Conc: 49.57 ug/ml



#9 Phenanthrene (C19.36)

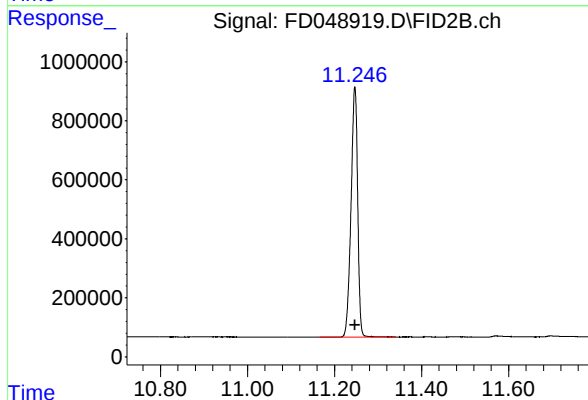
R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 8876596
Conc: 49.95 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



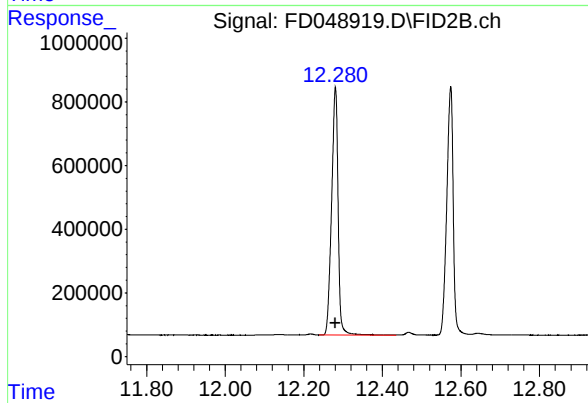
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 8336357
Conc: 49.64 ug/ml



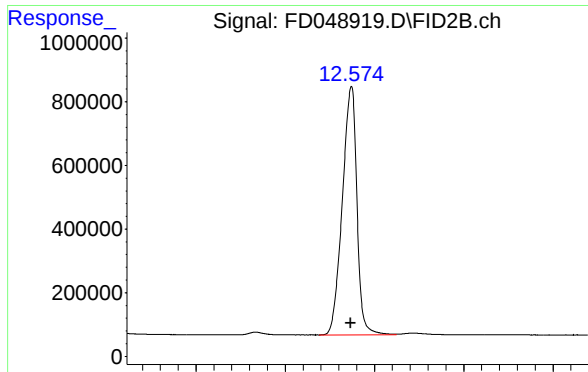
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 8963420
Conc: 49.51 ug/ml



#12 Fluoranthene (C21.85)

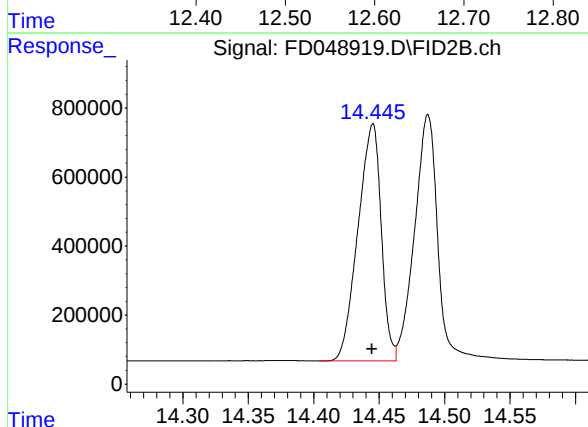
R.T.: 12.280 min
Delta R.T.: 0.000 min
Response: 8956748
Conc: 49.52 ug/ml



#13 Pyrene (C20.8)

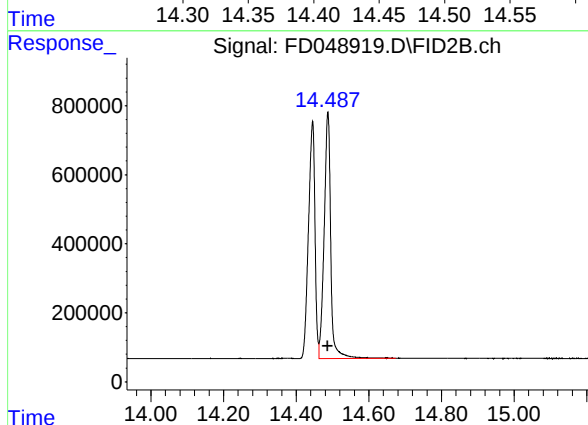
R.T.: 12.573 min
Delta R.T.: 0.000 min
Response: 8889824
Conc: 49.60 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



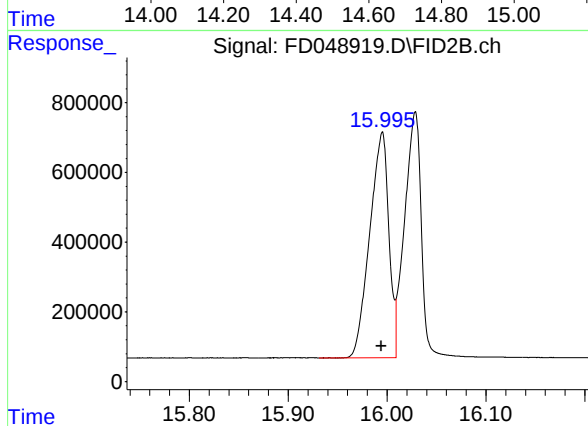
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 8472305
Conc: 50.12 ug/ml



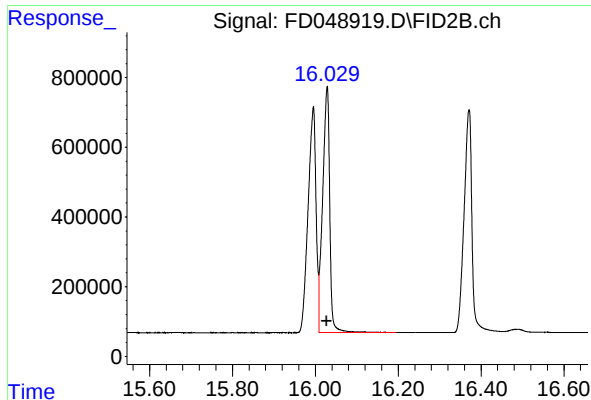
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.000 min
Response: 8943300
Conc: 48.96 ug/ml



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

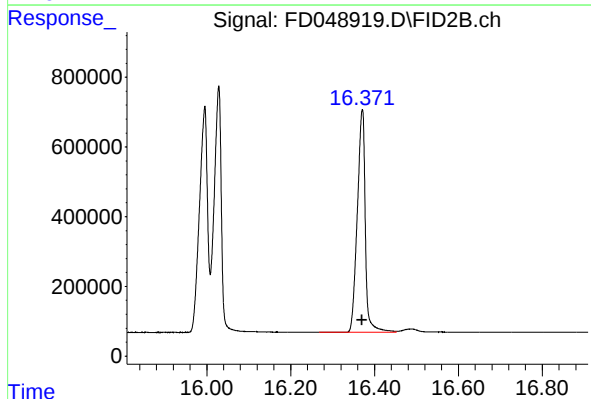
R.T.: 15.994 min
Delta R.T.: 0.000 min
Response: 8671568
Conc: 49.89 ug/ml



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

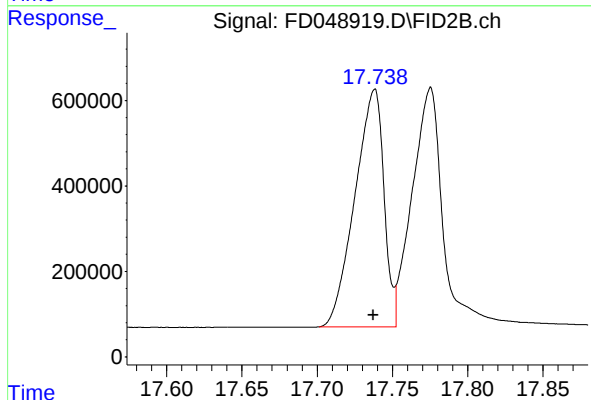
R.T.: 16.028 min
Delta R.T.: 0.000 min
Response: 8369265
Conc: 49.09 ug/ml

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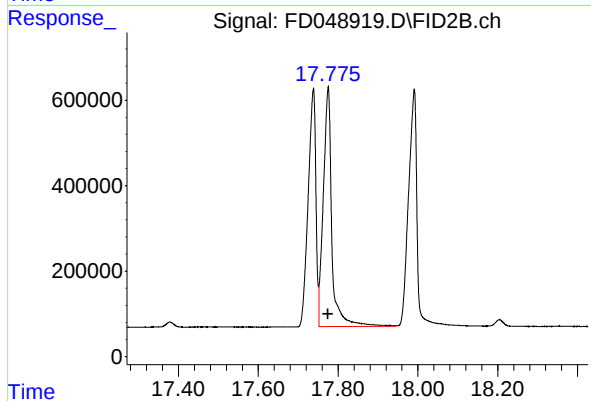
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 8469852
Conc: 49.74 ug/ml



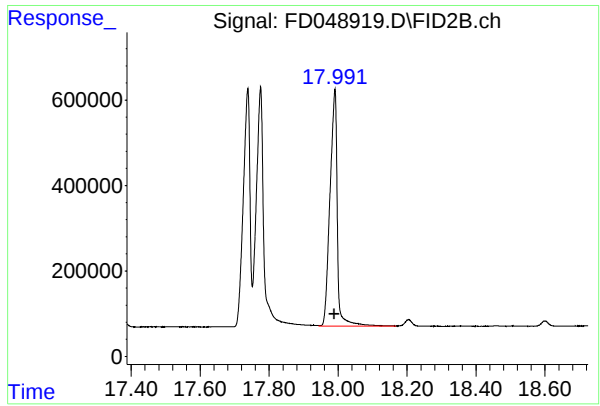
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 7460749
Conc: 50.63 ug/ml



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

R.T.: 17.774 min
Delta R.T.: 0.000 min
Response: 8341959
Conc: 48.64 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 8193036
Conc: 49.53 ug/ml

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ClientSampleId :
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