

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048279.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 09:03
 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: Sep 06 10:21:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:19:09 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...	7.393	7372684	49.330 ug/ml
Spiked Amount 50.000		Recovery =	98.66%
6) S 2-Fluorobiphenyl (SURR)	8.244	4804768	49.115 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.23%
11) S ortho-Terphenyl (SURR)	11.281	8254651	49.118 ug/ml
Spiked Amount 50.000		Recovery =	98.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	8353992	48.695 ug/ml
2) T Naphthalene (C11.7)	5.733	8638113	48.750 ug/ml
3) T 2-Methylnaphthalene (...)	6.781	8611762	48.985 ug/ml
5) T Acenaphthylene (C15.06)	8.047	8415009	48.985 ug/ml
7) T Acenaphthene (C15.5)	8.343	8458488	48.634 ug/ml
8) T Flouorene (C16.55)	9.121	8160794	49.001 ug/ml
9) T Phenanthrene (C19.36)	10.508	7963793	49.492 ug/ml
10) T Anthracene (C19.43)	10.584	7671918	49.478 ug/ml
12) T Fluoranthene (C21.85)	12.313	7821636	49.251 ug/ml
13) T Pyrene (C20.8)	12.607	7769995	49.360 ug/ml
14) T Benzo[a]anthracene (C...	14.475	7256084	50.128 ug/ml
15) T Chrysene (C27.41)	14.518	7584615	48.773 ug/ml
16) T benzo[b]fluoranthene ...	16.022	7497351	49.676 ug/ml
17) T Bnezo[k]fluoranthene ...	16.057	7194031	49.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.398	7382253	49.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	6277119	50.908 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	7229026	49.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	7238125	49.645 ug/ml

(f)=RT Delta > 1/2 Window

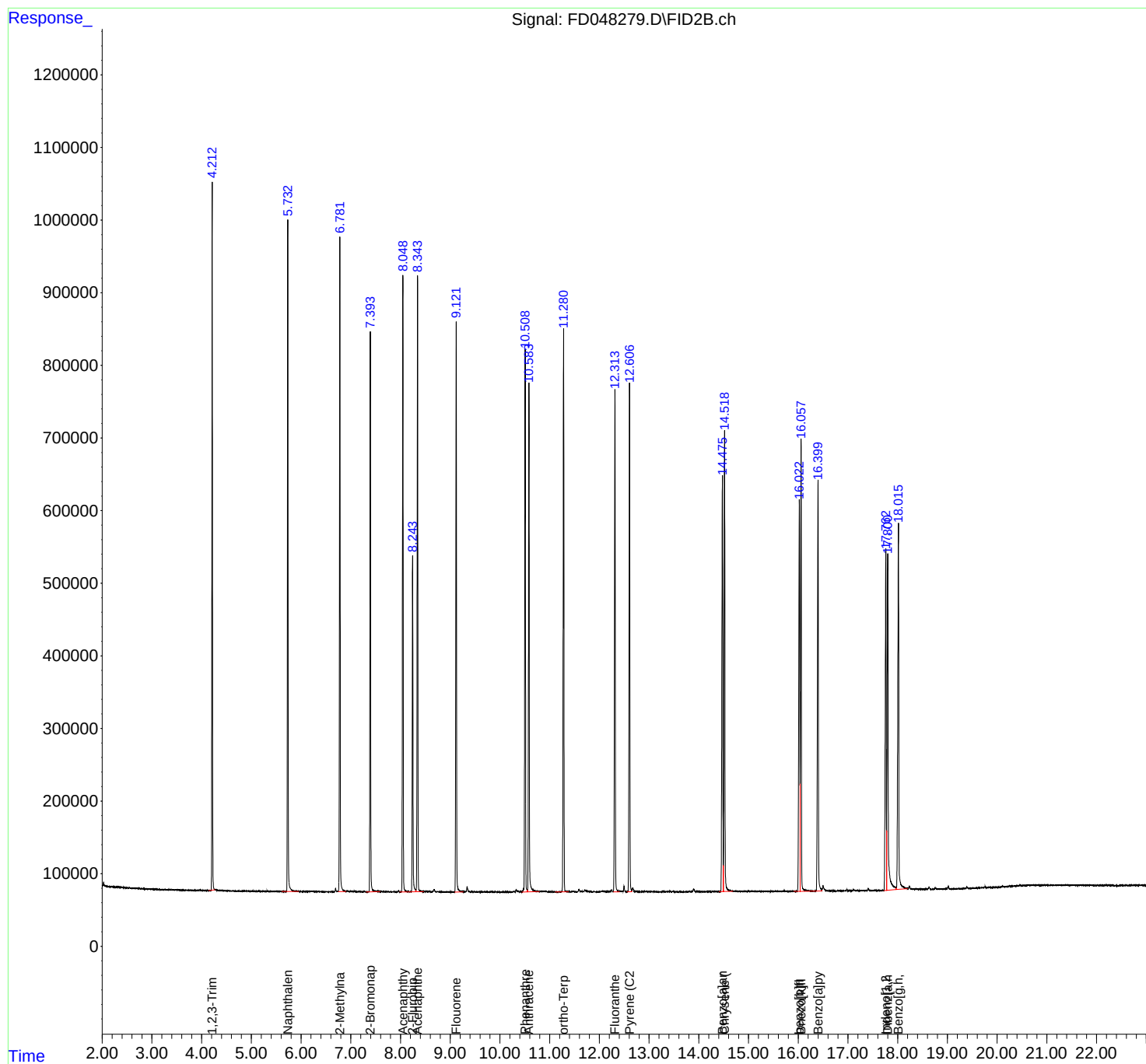
(m)=manual int.

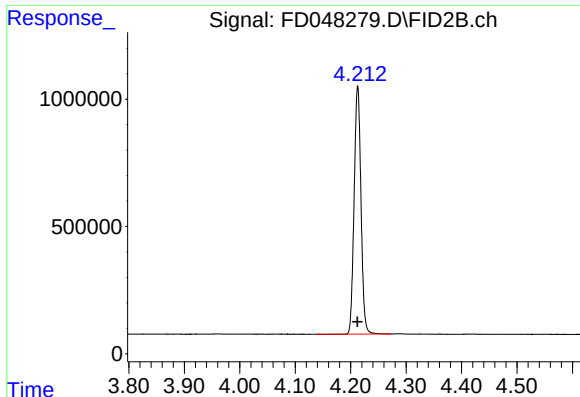
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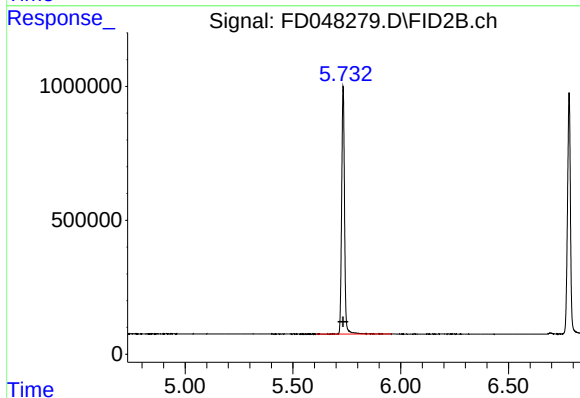




#1 1,2,3-Trimethylbenzene (C10.1)

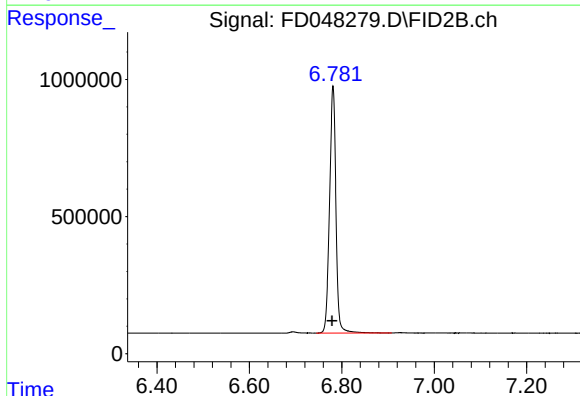
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 8353992
Conc: 48.69 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



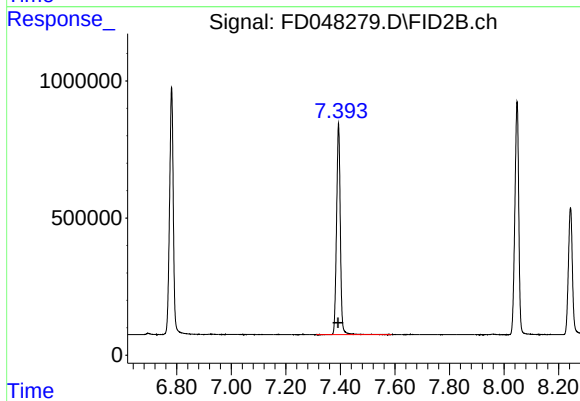
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 8638113
Conc: 48.75 ug/ml



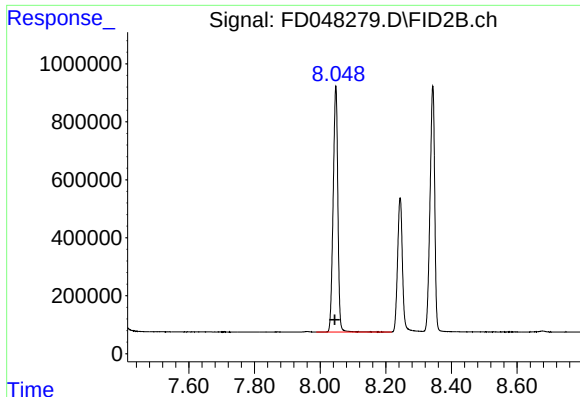
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 8611762
Conc: 48.99 ug/ml



#4 2-Bromonaphthalene (SURR)

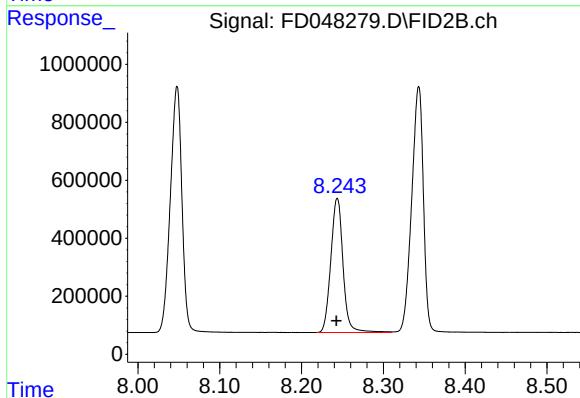
R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 7372684
Conc: 49.33 ug/ml



#5 Acenaphthylene (C15.06)

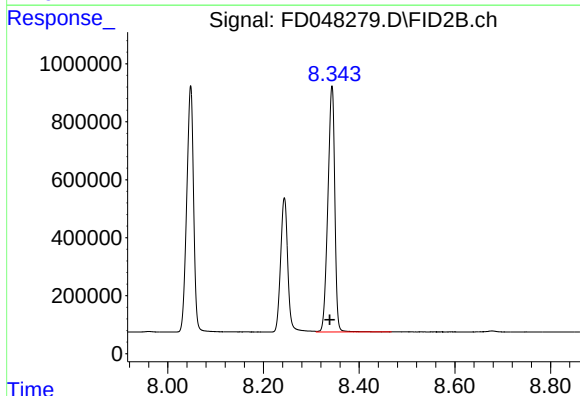
R.T.: 8.047 min
Delta R.T.: 0.003 min
Response: 8415009
Conc: 48.99 ug/ml

Instrument :
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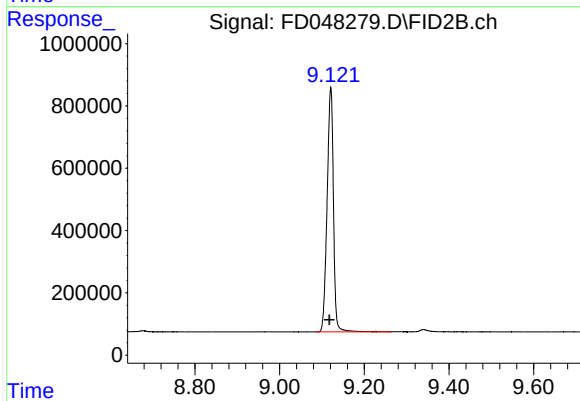
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 4804768
Conc: 49.11 ug/ml



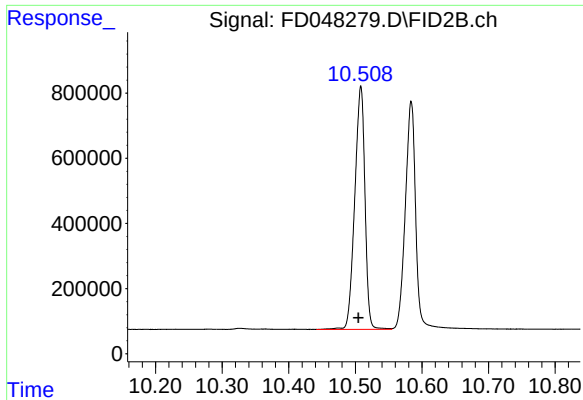
#7 Acenaphthene (C15.5)

R.T.: 8.343 min
Delta R.T.: 0.004 min
Response: 8458488
Conc: 48.63 ug/ml



#8 Fluorene (C16.55)

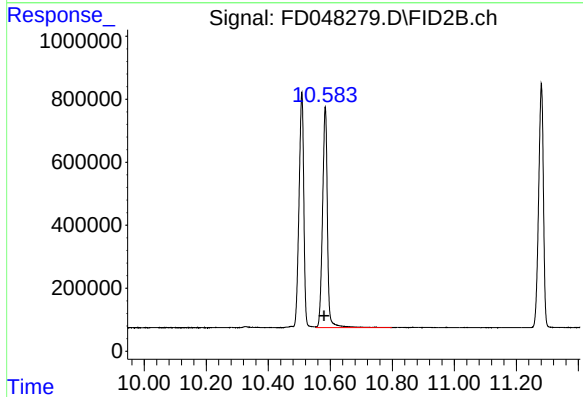
R.T.: 9.121 min
Delta R.T.: 0.003 min
Response: 8160794
Conc: 49.00 ug/ml



#9 Phenanthrene (C19.36)

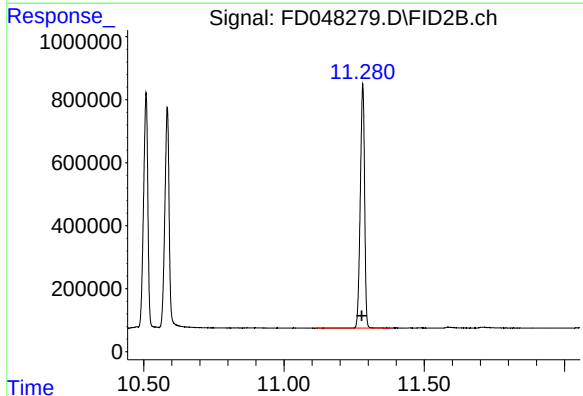
R.T.: 10.508 min
Delta R.T.: 0.003 min
Response: 7963793
Conc: 49.49 ug/ml

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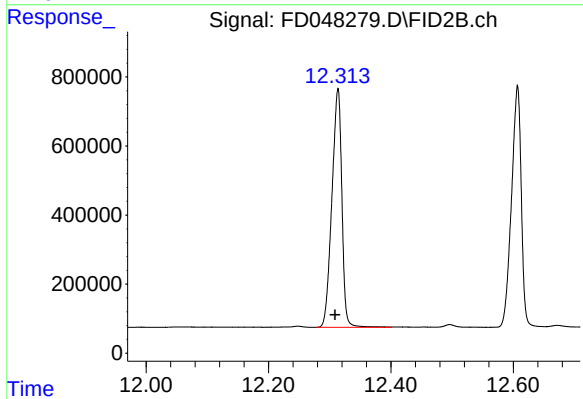
#10 Anthracene (C19.43)

R.T.: 10.584 min
Delta R.T.: 0.003 min
Response: 7671918
Conc: 49.48 ug/ml



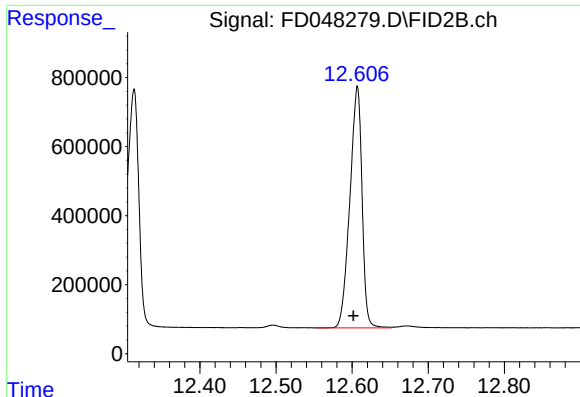
#11 ortho-Terphenyl (SURR)

R.T.: 11.281 min
Delta R.T.: 0.003 min
Response: 8254651
Conc: 49.12 ug/ml



#12 Fluoranthene (C21.85)

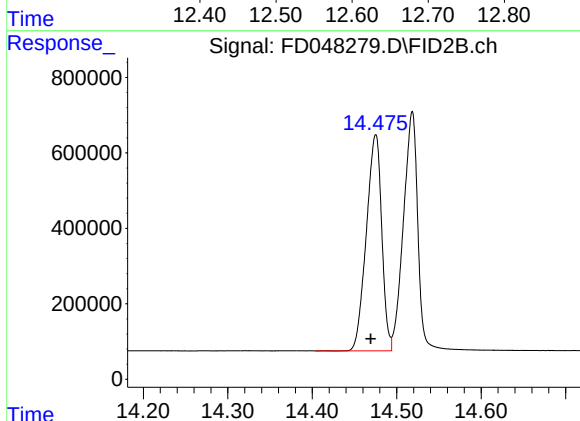
R.T.: 12.313 min
Delta R.T.: 0.005 min
Response: 7821636
Conc: 49.25 ug/ml



#13 Pyrene (C20.8)

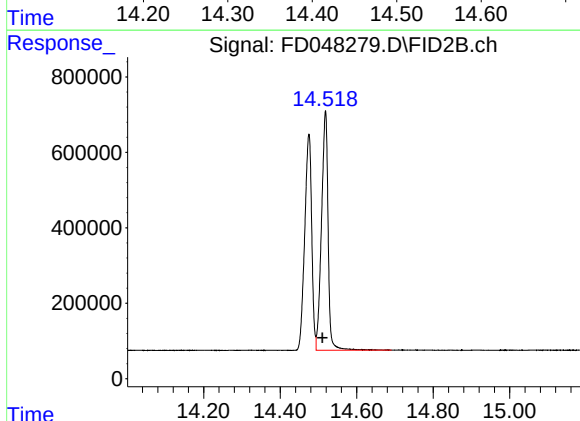
R.T.: 12.607 min
Delta R.T.: 0.005 min
Response: 7769995
Conc: 49.36 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



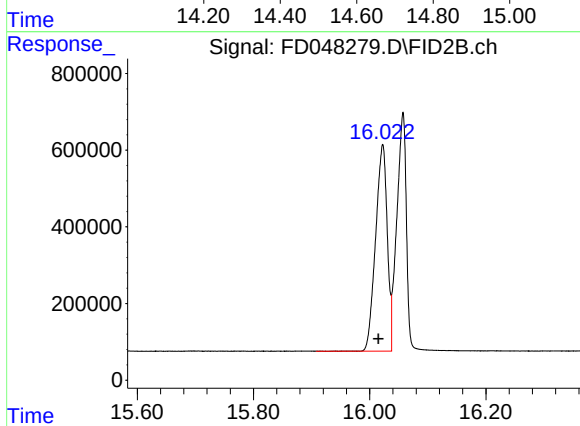
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min
Delta R.T.: 0.005 min
Response: 7256084
Conc: 50.13 ug/ml



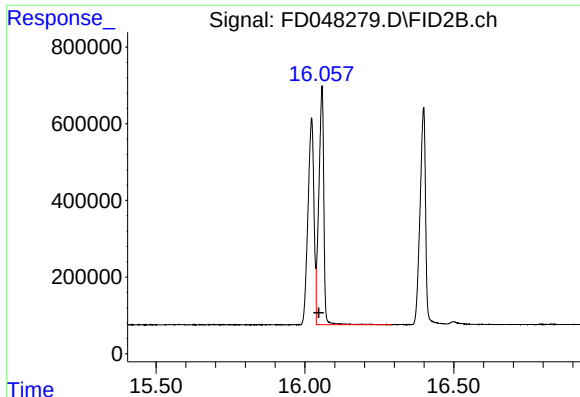
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: 0.007 min
Response: 7584615
Conc: 48.77 ug/ml



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

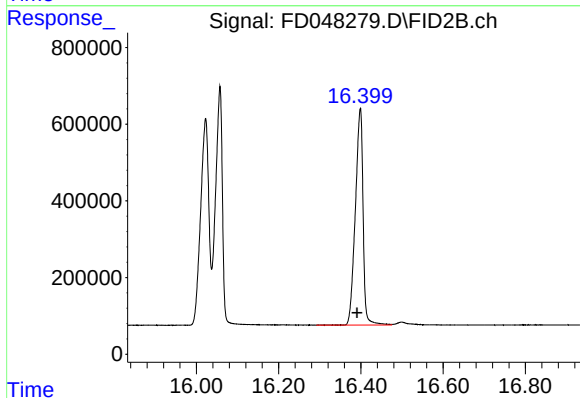
R.T.: 16.022 min
Delta R.T.: 0.007 min
Response: 7497351
Conc: 49.68 ug/ml



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

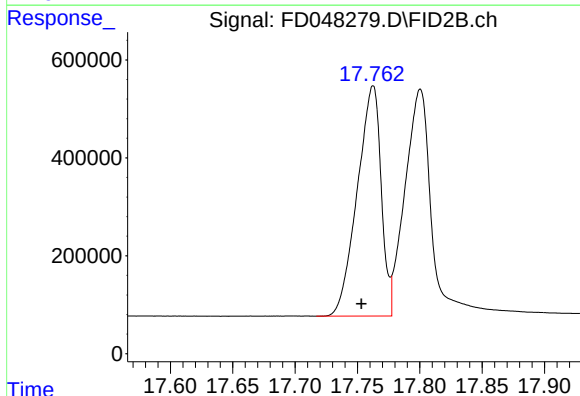
R.T.: 16.057 min
Delta R.T.: 0.011 min
Response: 7194031
Conc: 49.42 ug/ml

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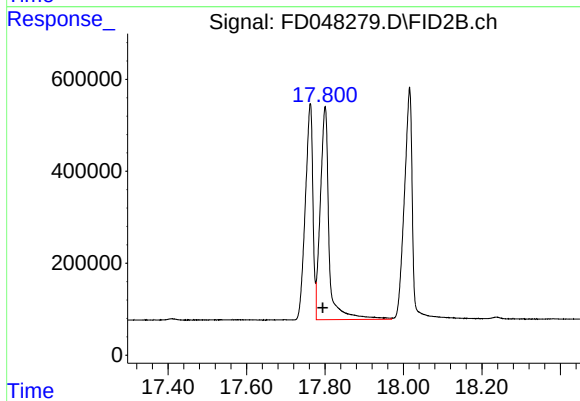
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: 0.007 min
Response: 7382253
Conc: 49.76 ug/ml



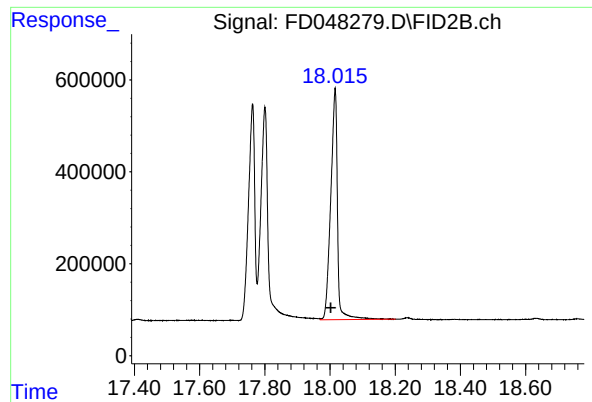
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: 0.008 min
Response: 6277119
Conc: 50.91 ug/ml



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

R.T.: 17.800 min
Delta R.T.: 0.005 min
Response: 7229026
Conc: 49.51 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.012 min
Response: 7238125
Conc: 49.64 ug/ml

Instrument :

FID_D

ClientSampleId :

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