

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111224AR\
 Data File : FD048713.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2024 13:43
 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: Nov 12 23:23:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.369	3186255	20.993 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
6) S 2-Fluorobiphenyl (SURR)	8.220	2094892	21.335 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.67%
11) S ortho-Terphenyl (SURR)	11.255	3568333	20.948 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3632571	20.880 ug/ml
2) T Naphthalene (C11.7)	5.711	3751311	21.024 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	3749633	20.963 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3636976	20.713 ug/ml
7) T Acenaphthene (C15.5)	8.317	3697905	20.849 ug/ml
8) T Fluorene (C16.55)	9.096	3585977	21.214 ug/ml
9) T Phenanthrene (C19.36)	10.483	3489816	21.111 ug/ml
10) T Anthracene (C19.43)	10.559	3033787	18.972 ug/ml
12) T Fluoranthene (C21.85)	12.287	3504795	21.296 ug/ml
13) T Pyrene (C20.8)	12.580	3449255	21.414 ug/ml
14) T Benzo[a]anthracene (C...	14.450	3200581	21.889 ug/ml
15) T Chrysene (C27.41)	14.491	3327996	20.232 ug/ml
16) T benzo[b]fluoranthene ...	15.997	3342193	21.984 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	3312697	22.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	3307696	21.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	2942687	22.553 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	3661470	22.500 ug/ml
21) T Benzo[g,h,i]perylene ...	17.988	3212583	20.985 ug/ml

(f)=RT Delta > 1/2 Window

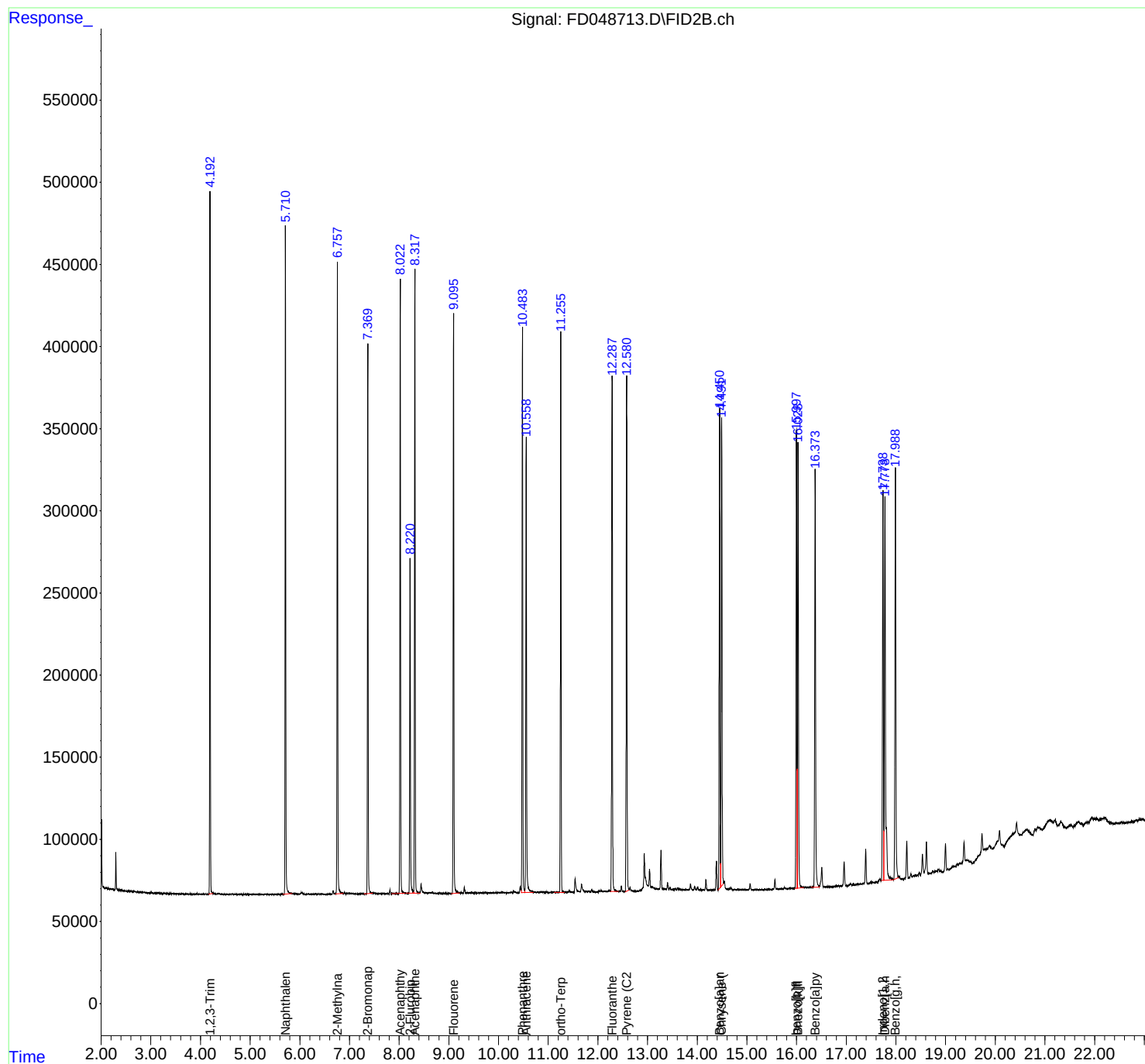
(m)=manual int.

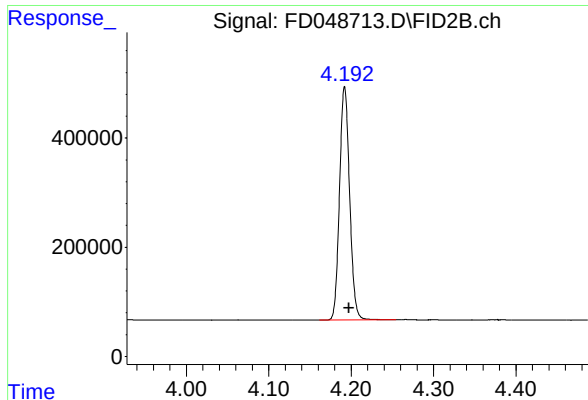
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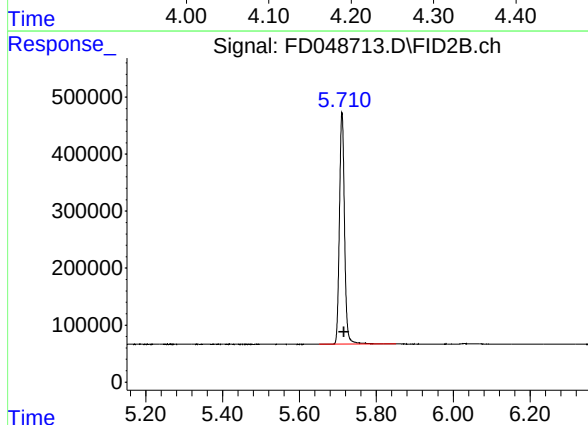




#1 1,2,3-Trimethylbenzene (C10.1)

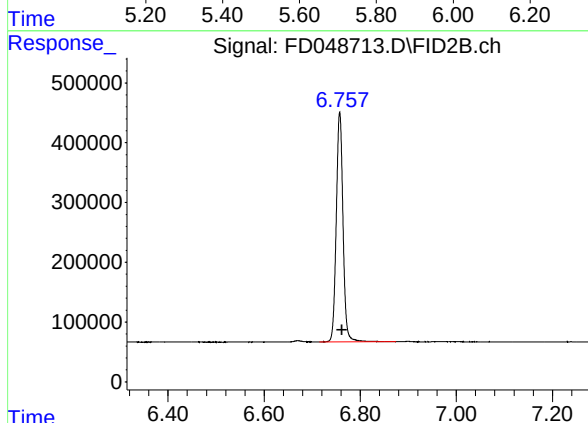
R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 3632571
Conc: 20.88 ug/ml

Instrument :
FID_D
ClientSampleId :



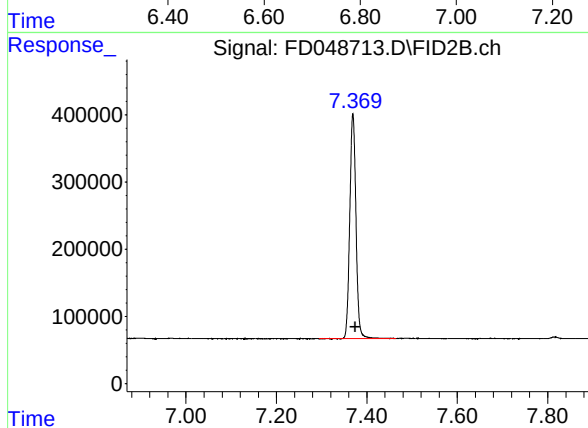
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.005 min
Response: 3751311
Conc: 21.02 ug/ml



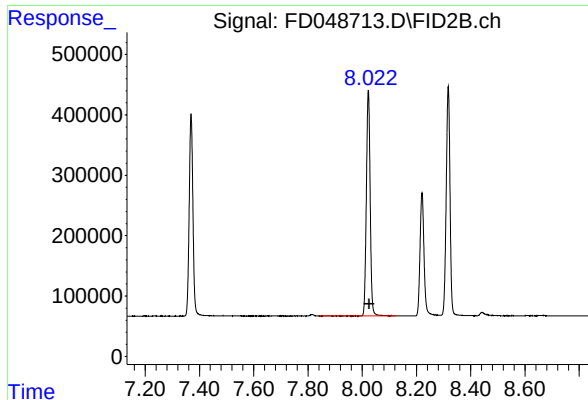
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 3749633
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

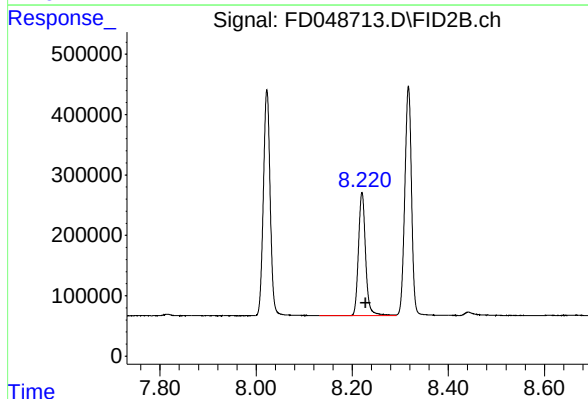
R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 3186255
Conc: 20.99 ug/ml



#5 Acenaphthylene (C15.06)

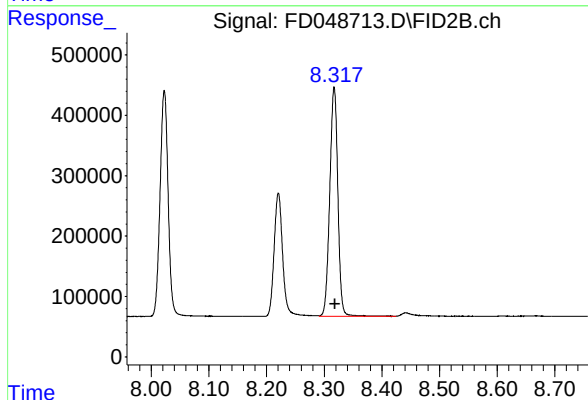
R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 3636976
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



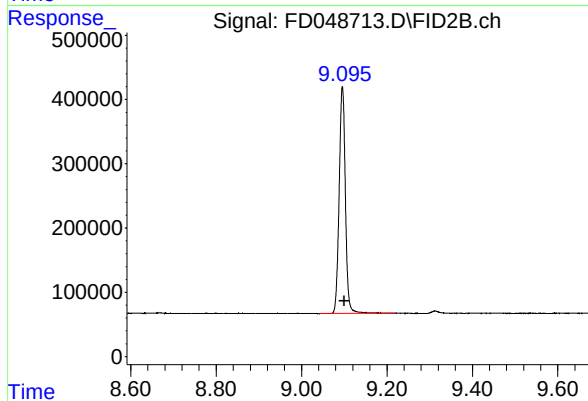
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 2094892
Conc: 21.33 ug/ml



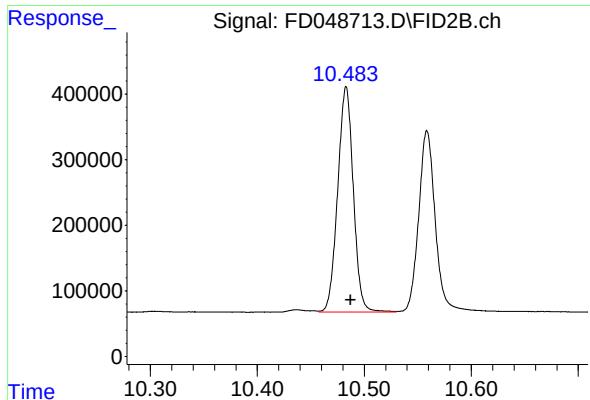
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 3697905
Conc: 20.85 ug/ml



#8 Flouorene (C16.55)

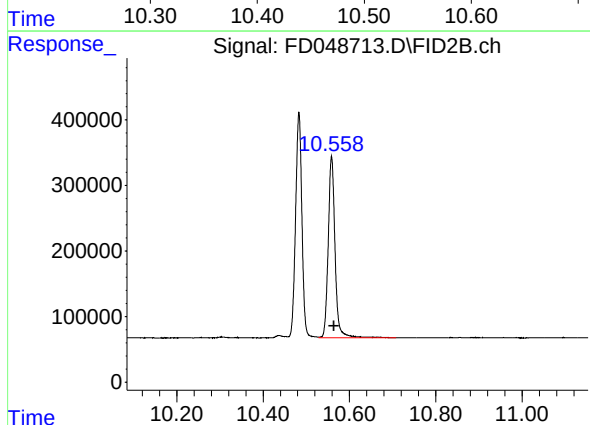
R.T.: 9.096 min
Delta R.T.: -0.005 min
Response: 3585977
Conc: 21.21 ug/ml



#9 Phenanthrene (C19.36)

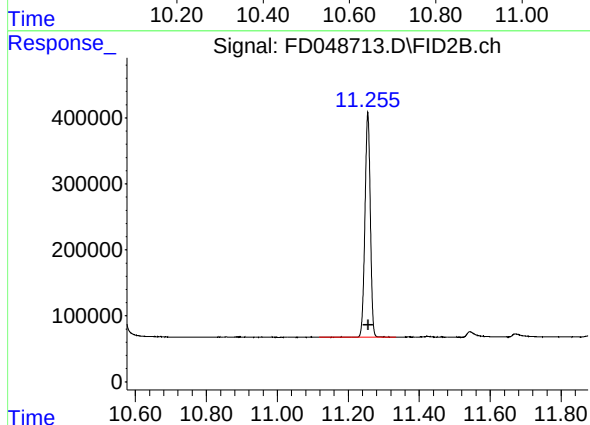
R.T.: 10.483 min
Delta R.T.: -0.004 min
Response: 3489816
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :



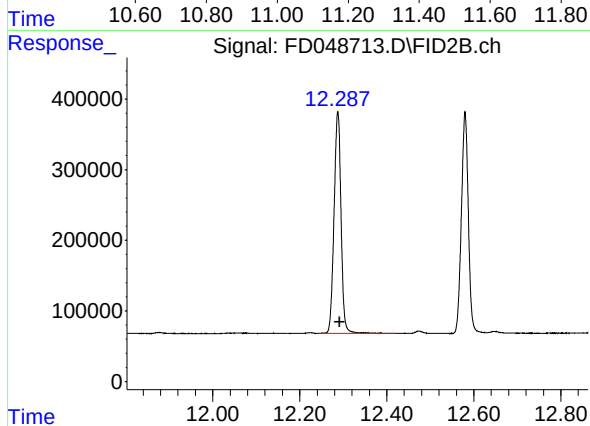
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: -0.006 min
Response: 3033787
Conc: 18.97 ug/ml



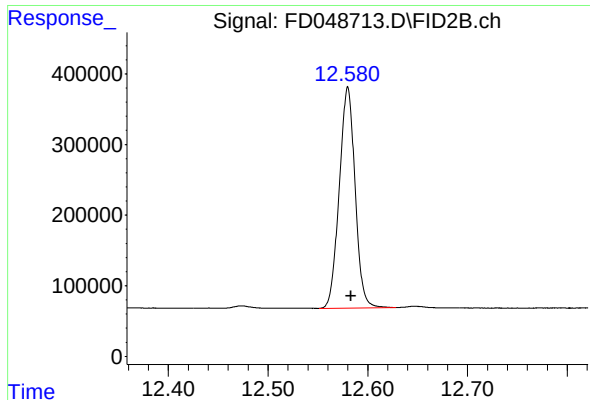
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 3568333
Conc: 20.95 ug/ml



#12 Fluoranthene (C21.85)

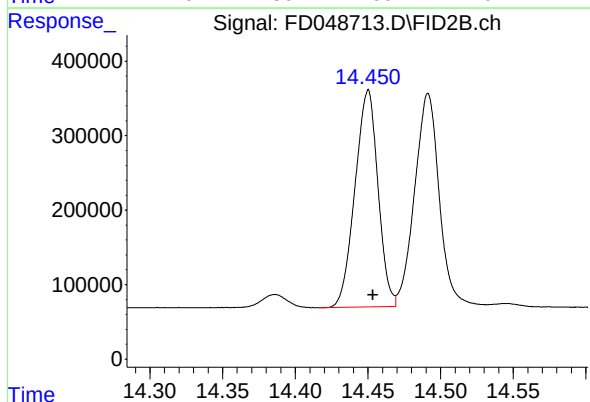
R.T.: 12.287 min
Delta R.T.: -0.004 min
Response: 3504795
Conc: 21.30 ug/ml



#13 Pyrene (C20.8)

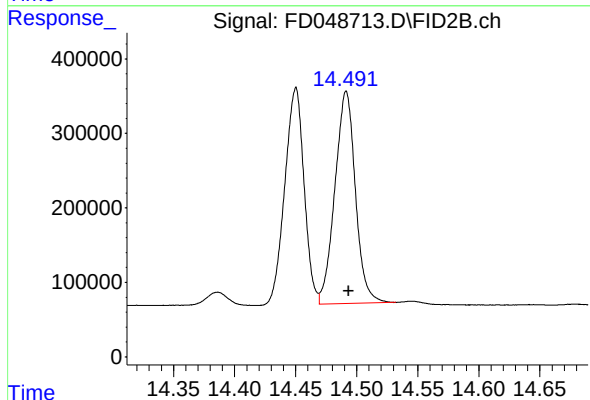
R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 3449255
Conc: 21.41 ug/ml

Instrument :
FID_D
ClientSampleId :



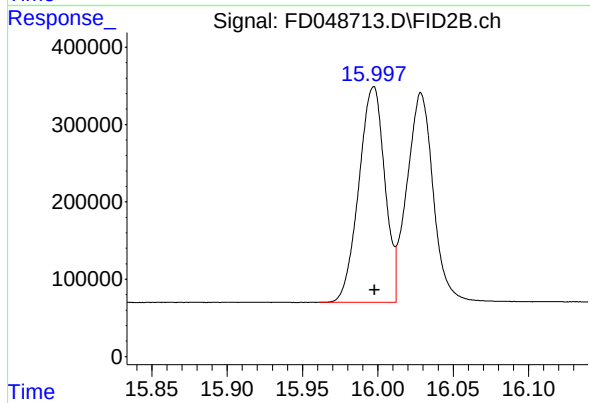
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 3200581
Conc: 21.89 ug/ml



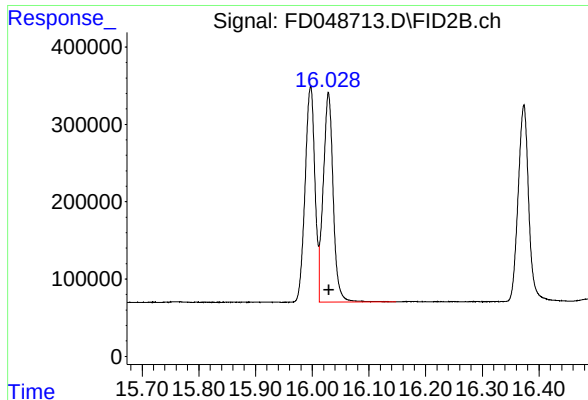
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 3327996
Conc: 20.23 ug/ml



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

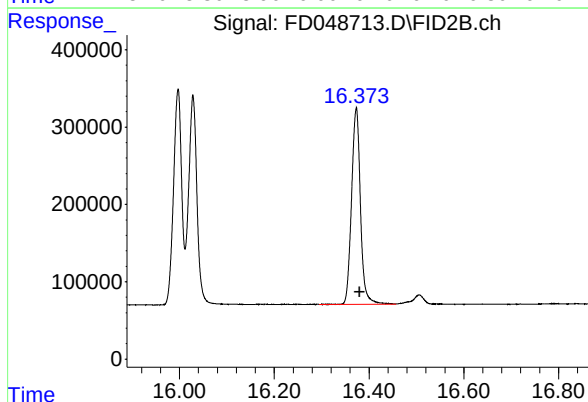
R.T.: 15.997 min
Delta R.T.: -0.001 min
Response: 3342193
Conc: 21.98 ug/ml



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

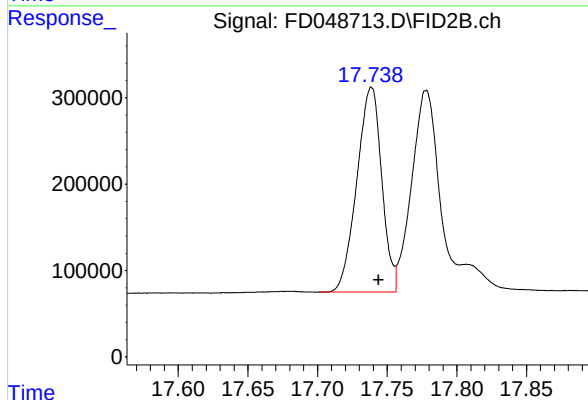
R.T.: 16.029 min
Delta R.T.: -0.001 min
Response: 3312697
Conc: 22.04 ug/ml

Instrument :
FID_D
ClientSampleId :



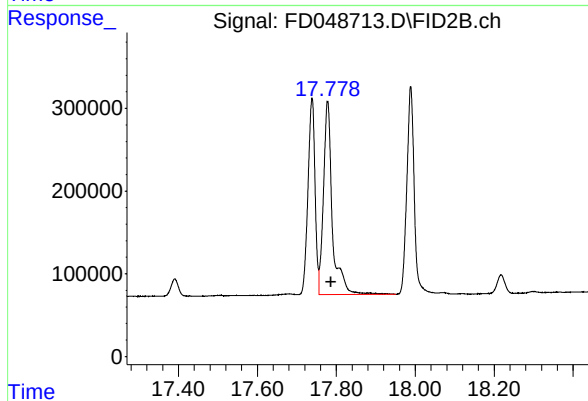
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.008 min
Response: 3307696
Conc: 21.98 ug/ml



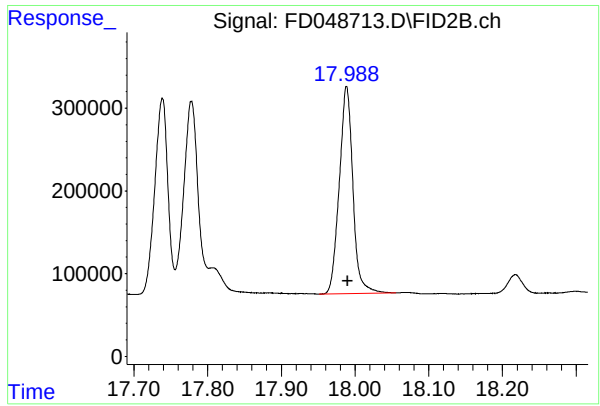
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: -0.006 min
Response: 2942687
Conc: 22.55 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.009 min
Response: 3661470
Conc: 22.50 ug/ml



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

R.T.: 17.988 min
Delta R.T.: -0.001 min
Response: 3212583
Conc: 20.98 ug/ml

Instrument :

FID_D

ClientSampleId :