

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048765.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Nov 19 05:55:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.364	3556539	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
6) S 2-Fluorobiphenyl (SURR)	8.214	2354468	20.443 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.89%
11) S ortho-Terphenyl (SURR)	11.251	3916513	20.363 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	3920054	20.800 ug/ml
2) T Naphthalene (C11.7)	5.705	4005915	20.483 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	3914147	20.482 ug/ml
5) T Acenaphthylene (C15.06)	8.017	3984402	20.546 ug/ml
7) T Acenaphthene (C15.5)	8.311	3928875	20.426 ug/ml
8) T Fluorene (C16.55)	9.090	3907781	20.369 ug/ml
9) T Phenanthrene (C19.36)	10.477	3752894	20.474 ug/ml
10) T Anthracene (C19.43)	10.553	3667901	19.586 ug/ml
12) T Fluoranthene (C21.85)	12.281	3762981	20.549 ug/ml
13) T Pyrene (C20.8)	12.575	3658410	20.235 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3379117	20.541 ug/ml
15) T Chrysene (C27.41)	14.486	3529051	20.164 ug/ml
16) T benzo[b]fluoranthene ...	15.991	3161804	20.124 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	3424577	20.984 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2978912	19.980 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	2460908	19.922 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	3185393	20.313 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	2712116	19.008 ug/ml

(f)=RT Delta > 1/2 Window

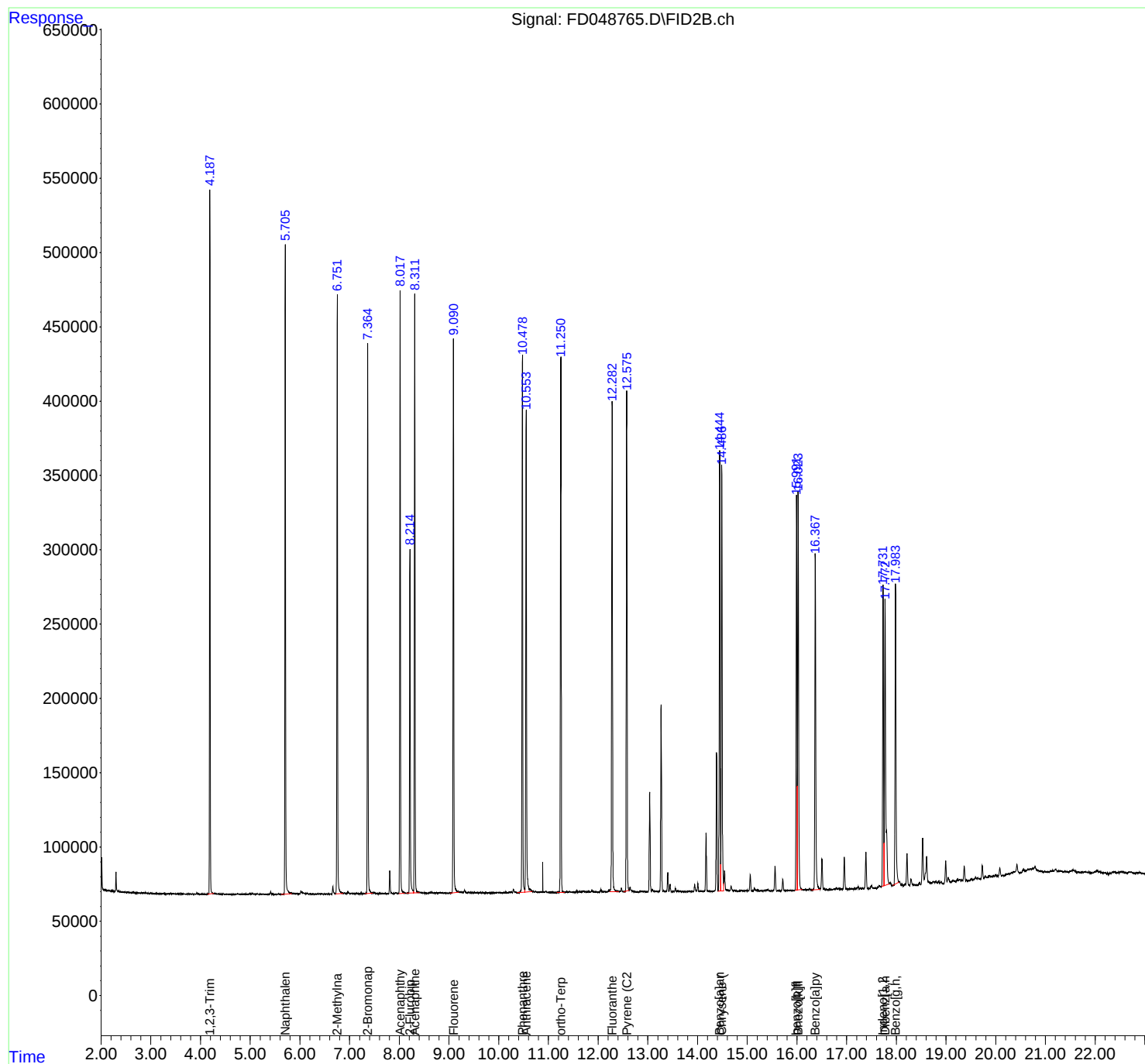
(m)=manual int.

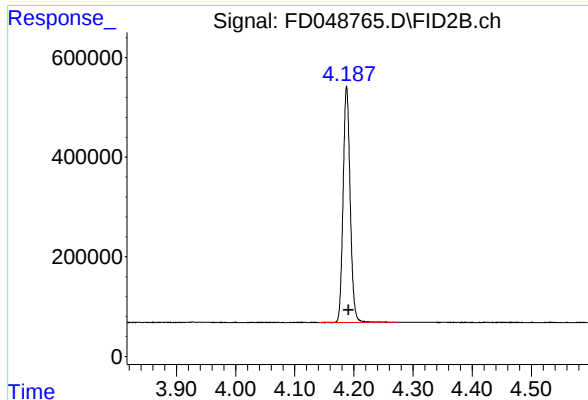
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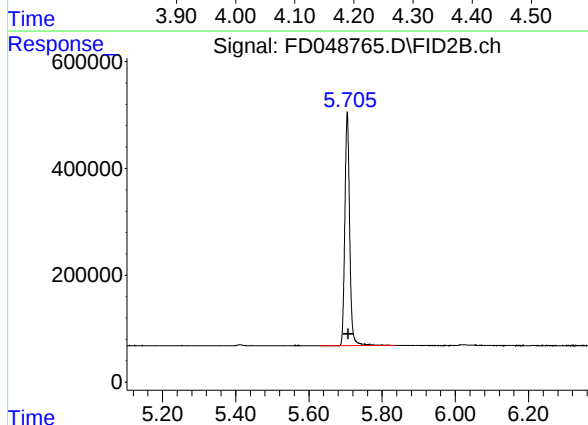




#1 1,2,3-Trimethylbenzene (C10.1)

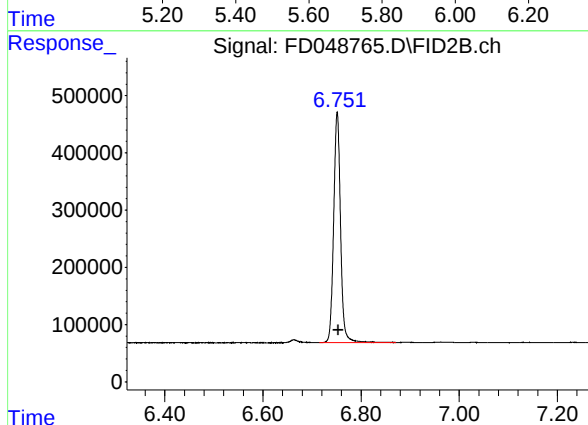
R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 3920054
Conc: 20.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



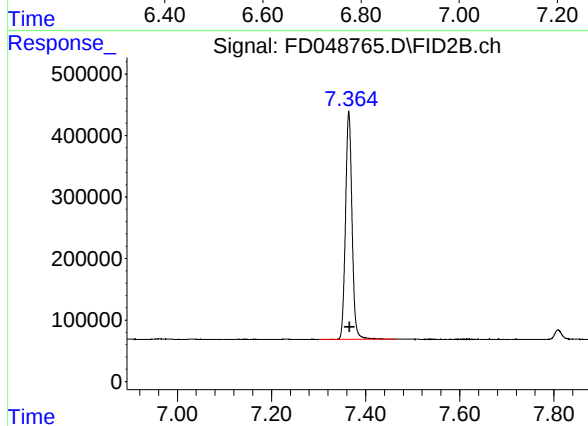
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 4005915
Conc: 20.48 ug/ml



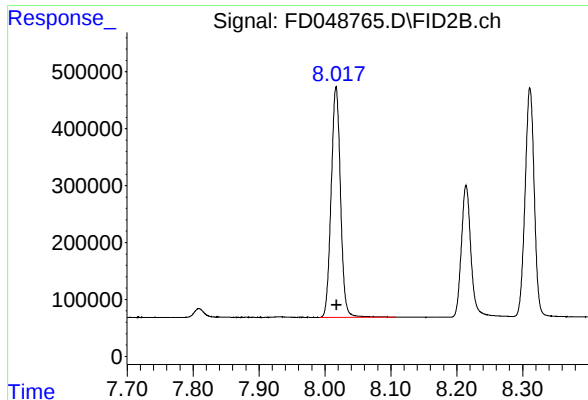
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 3914147
Conc: 20.48 ug/ml



#4 2-Bromonaphthalene (SURR)

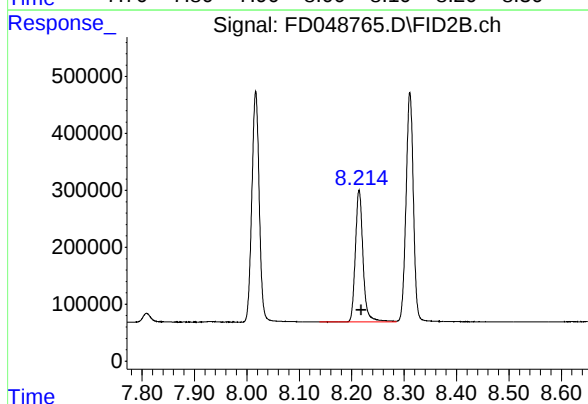
R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 3556539
Conc: 20.20 ug/ml



#5 Acenaphthylene (C15.06)

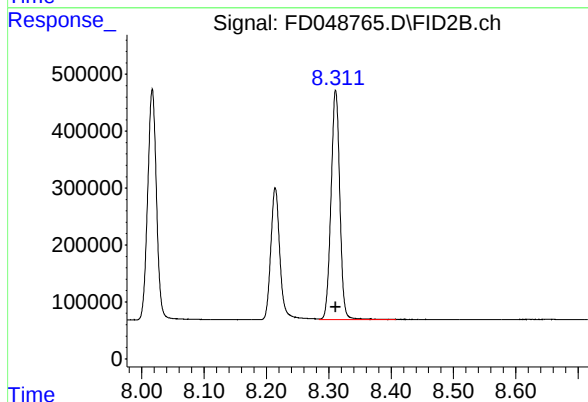
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 3984402
Conc: 20.55 ug/ml

Instrument :
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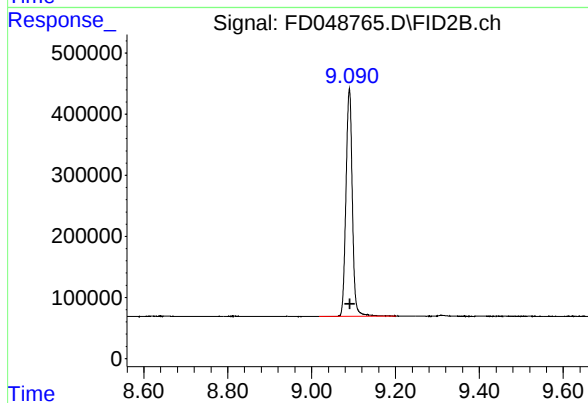
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 2354468
Conc: 20.44 ug/ml



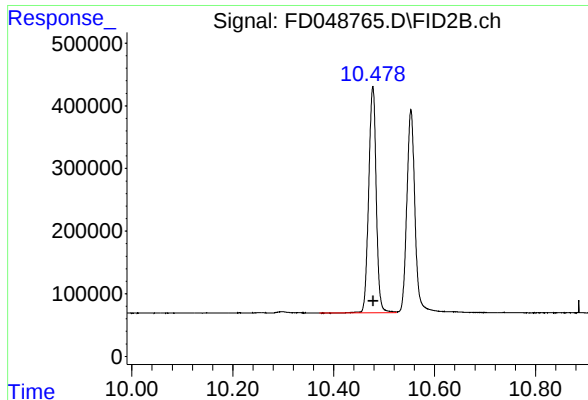
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 3928875
Conc: 20.43 ug/ml



#8 Flouorene (C16.55)

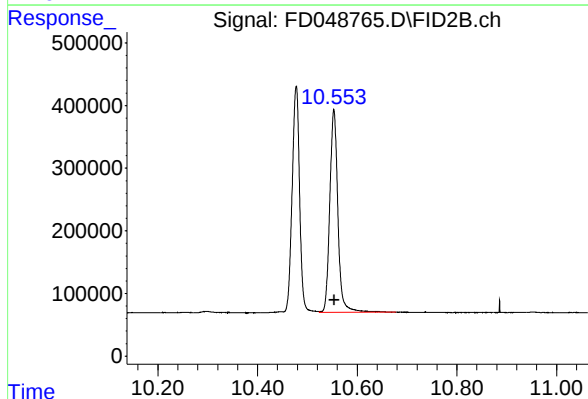
R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 3907781
Conc: 20.37 ug/ml



#9 Phenanthrene (C19.36)

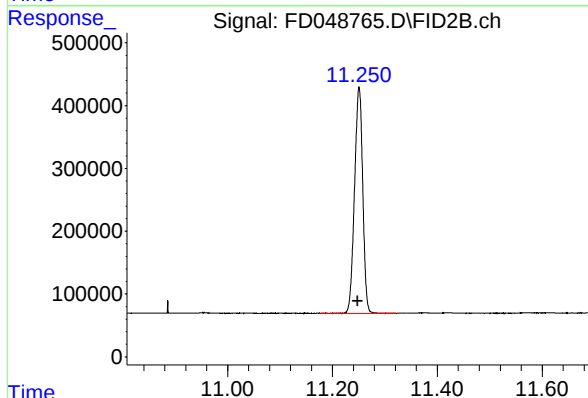
R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 3752894
Conc: 20.47 ug/ml

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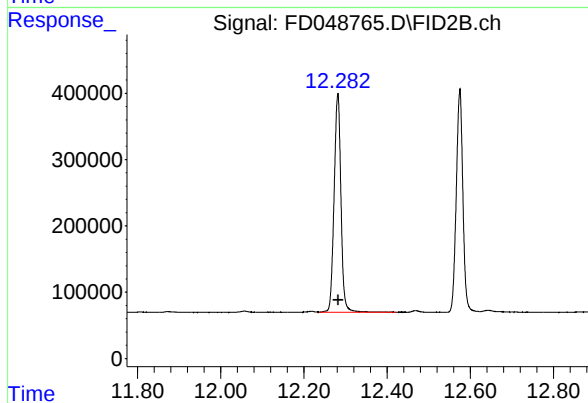
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.001 min
Response: 3667901
Conc: 19.59 ug/ml



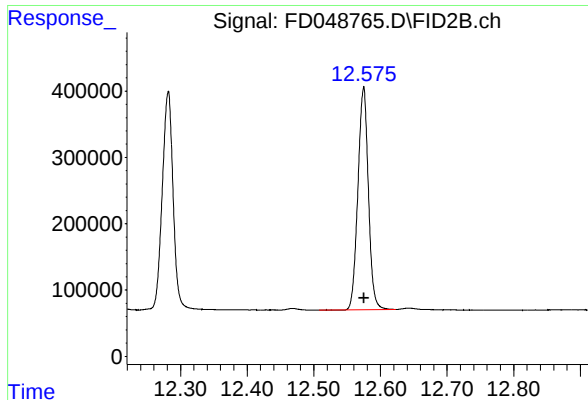
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 3916513
Conc: 20.36 ug/ml



#12 Fluoranthene (C21.85)

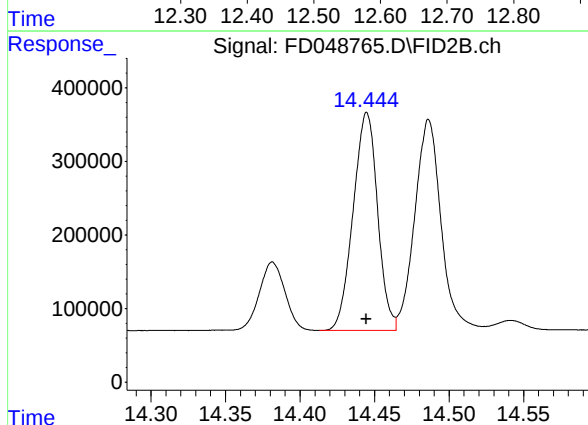
R.T.: 12.281 min
Delta R.T.: -0.001 min
Response: 3762981
Conc: 20.55 ug/ml



#13 Pyrene (C20.8)

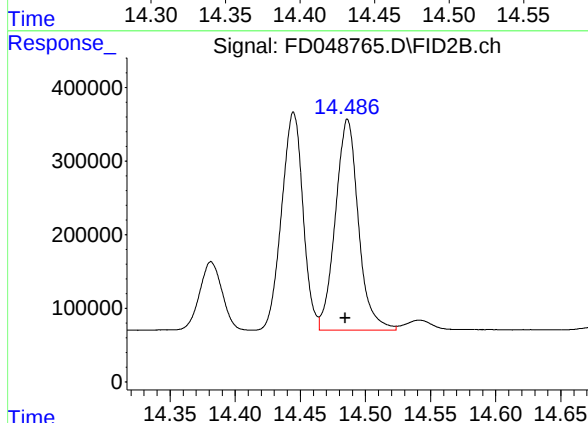
R.T.: 12.575 min
Delta R.T.: 0.000 min
Response: 3658410
Conc: 20.24 ug/ml

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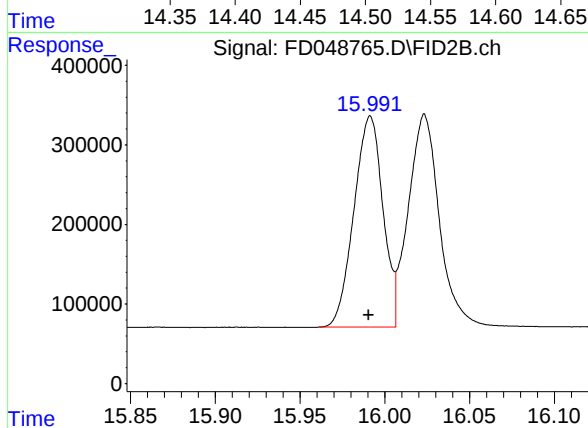
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 3379117
Conc: 20.54 ug/ml



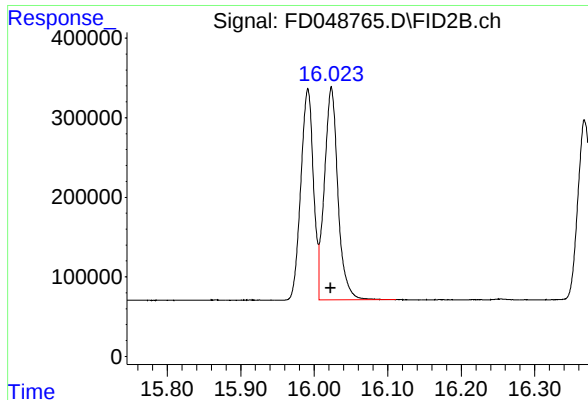
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.002 min
Response: 3529051
Conc: 20.16 ug/ml



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

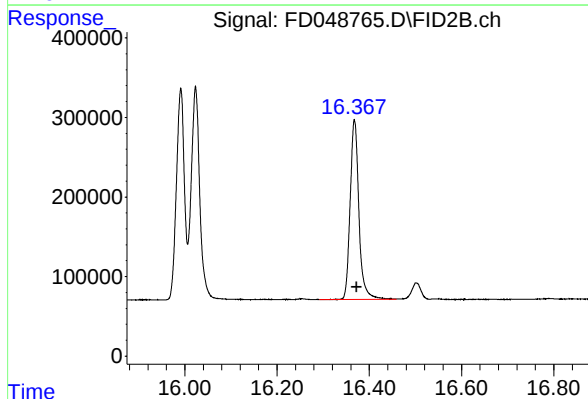
R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 3161804
Conc: 20.12 ug/ml



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

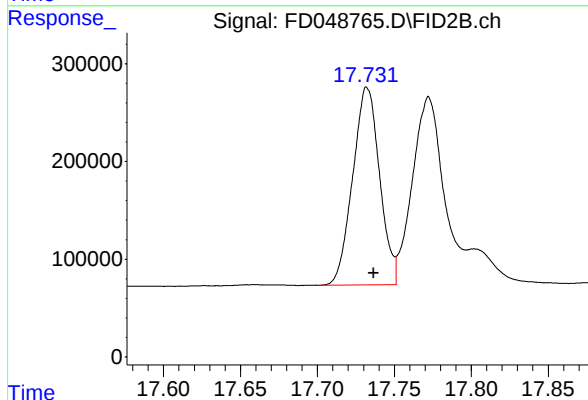
R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3424577
Conc: 20.98 ug/ml

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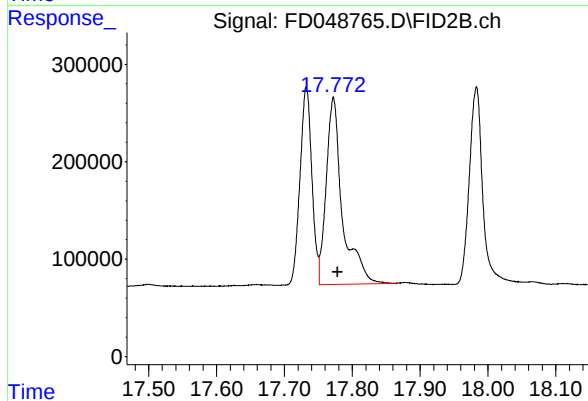
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.005 min
Response: 2978912
Conc: 19.98 ug/ml



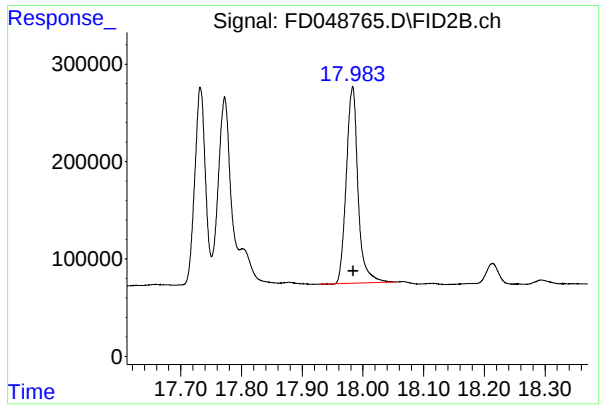
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: -0.004 min
Response: 2460908
Conc: 19.92 ug/ml



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

R.T.: 17.772 min
Delta R.T.: -0.006 min
Response: 3185393
Conc: 20.31 ug/ml



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

R.T.: 17.983 min
Delta R.T.: -0.002 min
Response: 2712116
Conc: 19.01 ug/ml

Instrument :

FID_D

ClientSampleId :

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