

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051724AR\
 Data File : FD047797.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2024 01:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 18 04:08:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.458	3371619	21.499 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
6) S 2-Fluorobiphenyl (SURR)	8.311	2247048	21.482 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.96%
11) S ortho-Terphenyl (SURR)	11.352	3899717	20.795 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3509826	21.708 ug/ml
2) T Naphthalene (C11.7)	5.796	3676097	21.726 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3720741	21.843 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3415695	20.944 ug/ml
7) T Acenaphthene (C15.5)	8.409	3645371	21.686 ug/ml
8) T Flouorene (C16.55)	9.189	3534356	21.247 ug/ml
9) T Phenanthrene (C19.36)	10.579	3458675	21.126 ug/ml
10) T Anthracene (C19.43)	10.654	2963507	19.785 ug/ml
12) T Fluoranthene (C21.85)	12.386	3433282	20.691 ug/ml
13) T Pyrene (C20.8)	12.680	3333271	20.486 ug/ml
14) T Benzo[a]anthracene (C...	14.550	3011483	20.630 ug/ml
15) T Chrysene (C27.41)	14.592	3253056	20.643 ug/ml
16) T benzo[b]fluoranthene ...	16.098	3137789	21.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	3162084	21.003 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	3067507	21.259 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	2868226	21.134 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	3124008	21.819 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	3052076	22.230 ug/ml

(f)=RT Delta > 1/2 Window

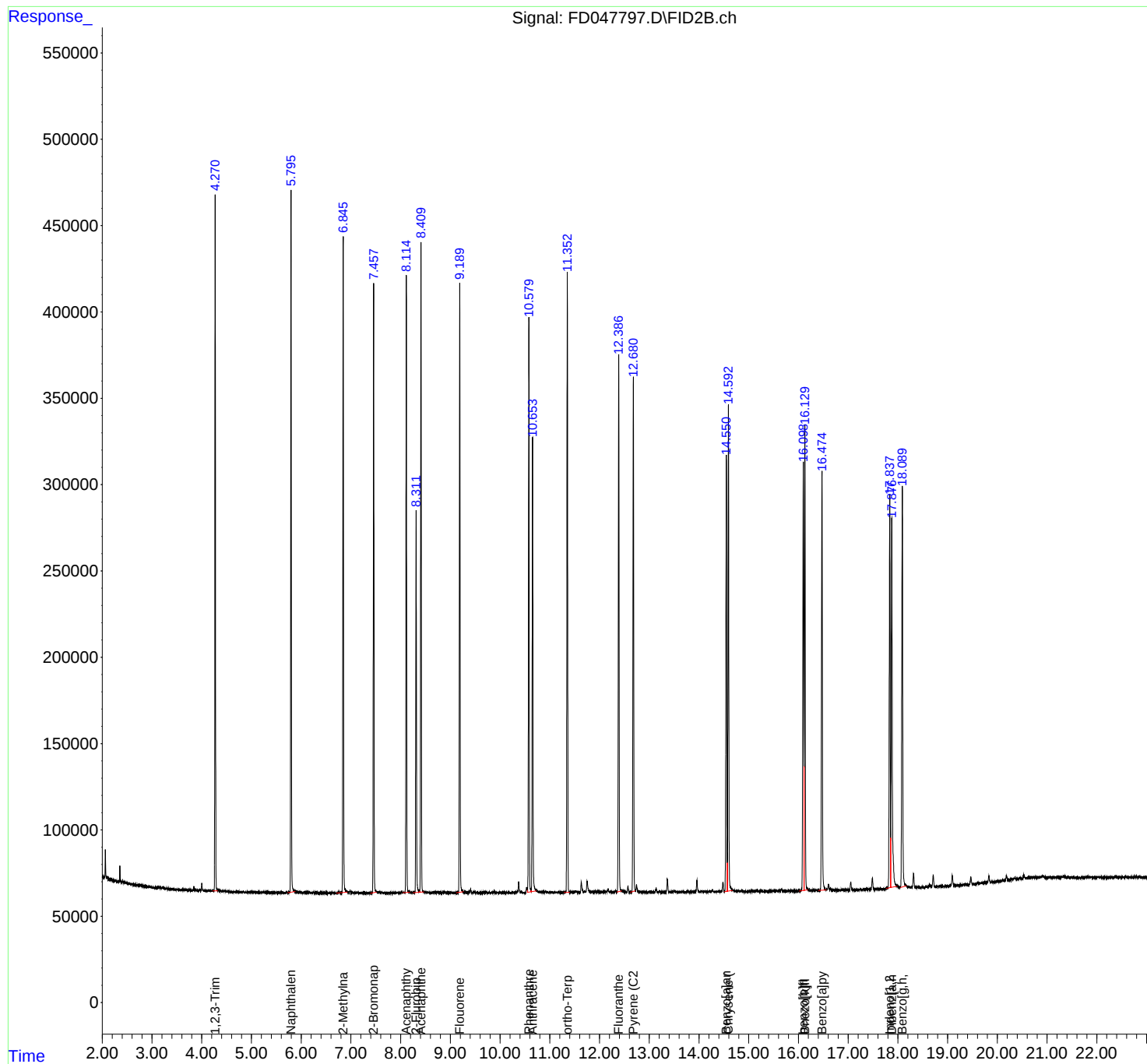
(m)=manual int.

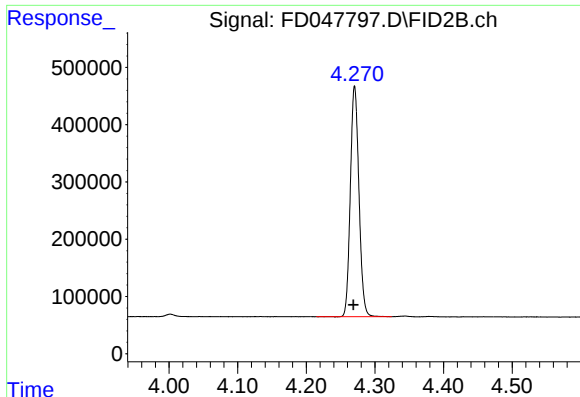
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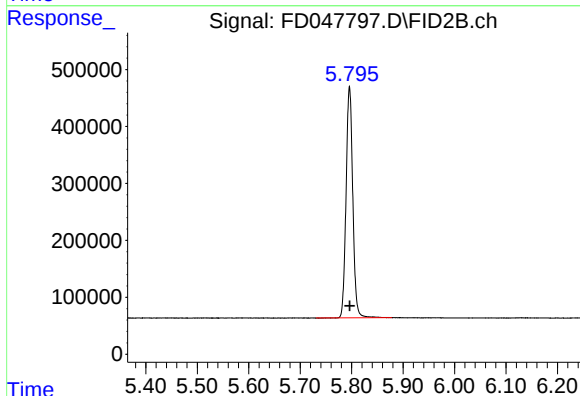




#1 1,2,3-Trimethylbenzene (C10.1)

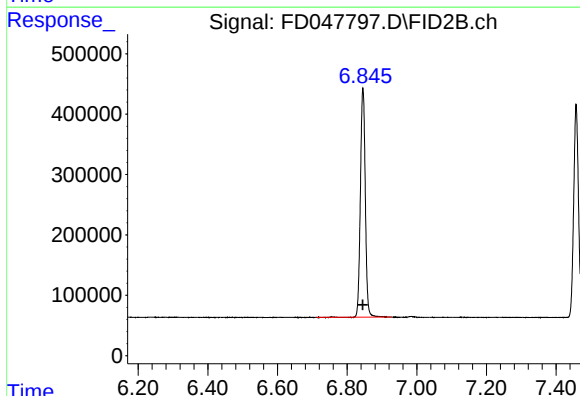
R.T.: 4.271 min
Delta R.T.: 0.002 min
Response: 3509826
Conc: 21.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



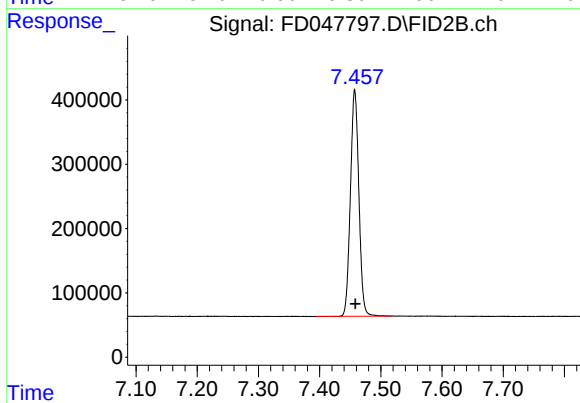
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 3676097
Conc: 21.73 ug/ml



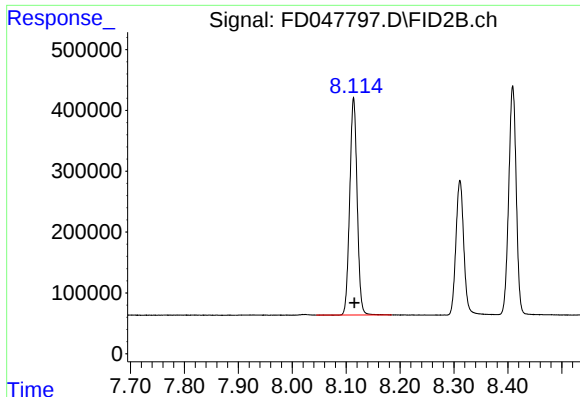
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 3720741
Conc: 21.84 ug/ml



#4 2-Bromonaphthalene (SURR)

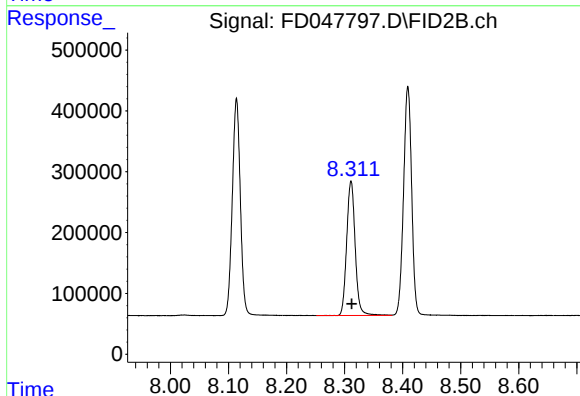
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 3371619
Conc: 21.50 ug/ml



#5 Acenaphthylene (C15.06)

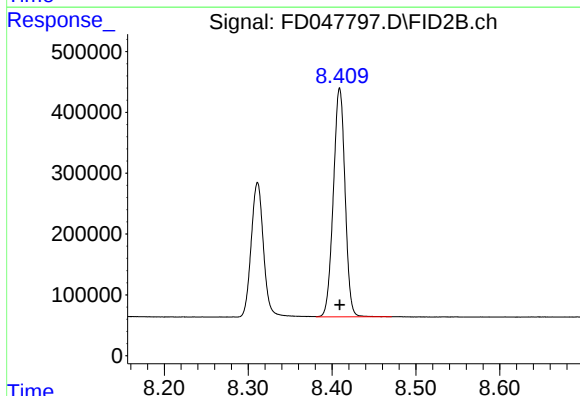
R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 3415695
Conc: 20.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



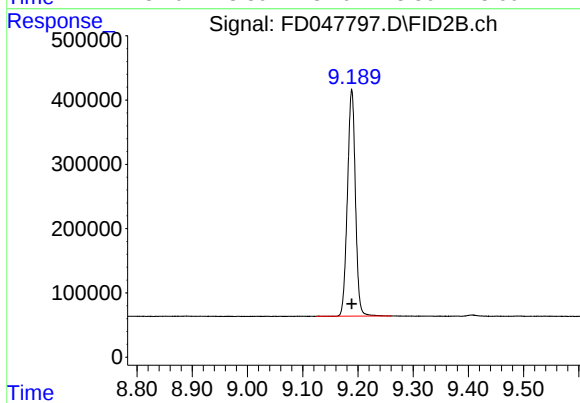
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 2247048
Conc: 21.48 ug/ml



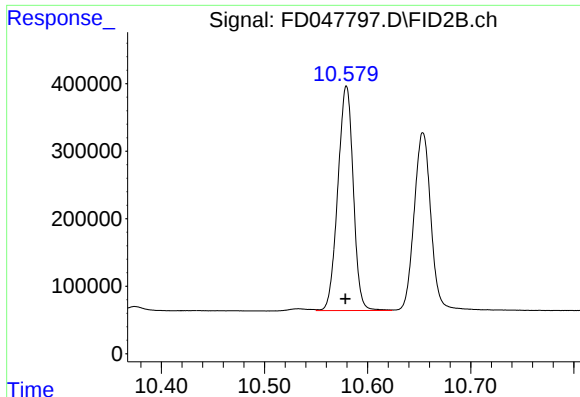
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 3645371
Conc: 21.69 ug/ml



#8 Fluorene (C16.55)

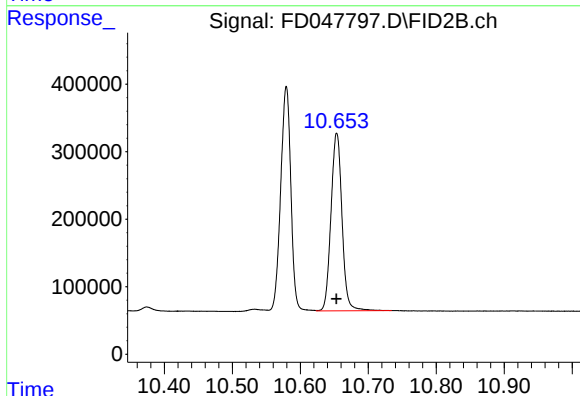
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3534356
Conc: 21.25 ug/ml



#9 Phenanthrene (C19.36)

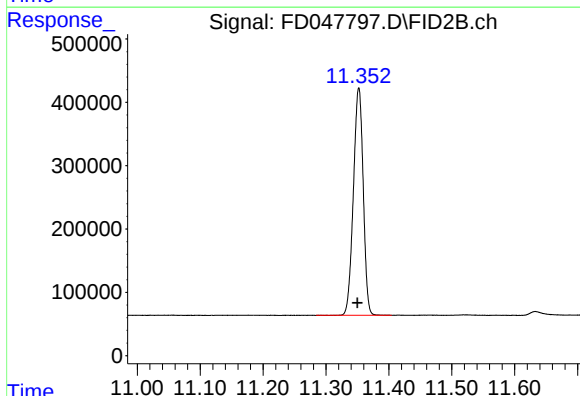
R.T.: 10.579 min
Delta R.T.: 0.001 min
Response: 3458675
Conc: 21.13 ug/ml

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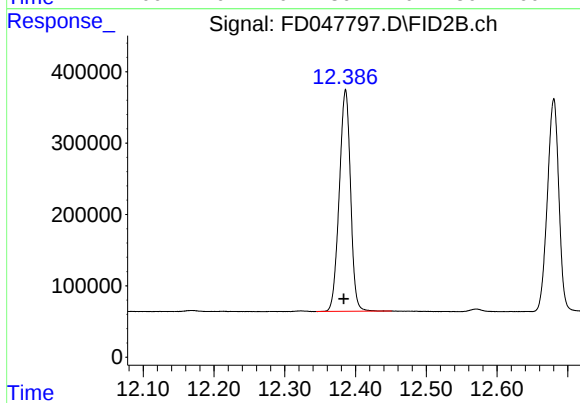
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2963507
Conc: 19.79 ug/ml



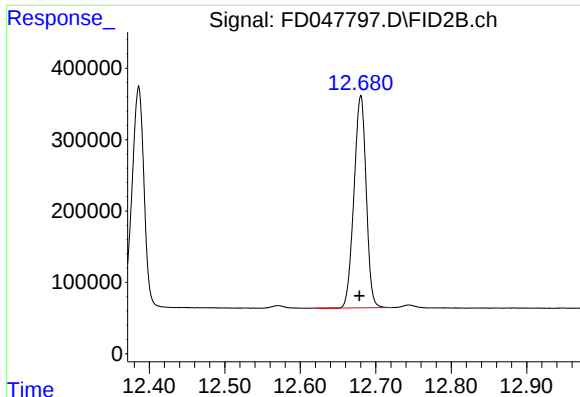
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 3899717
Conc: 20.79 ug/ml



#12 Fluoranthene (C21.85)

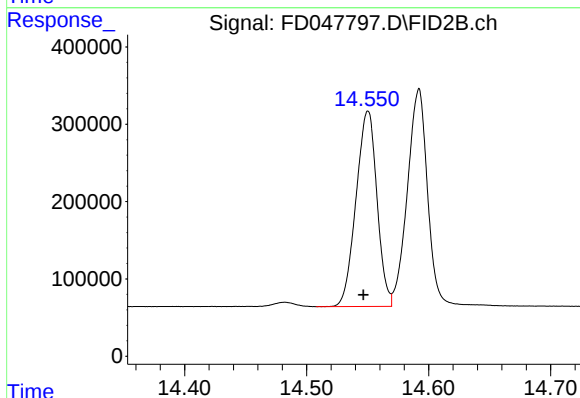
R.T.: 12.386 min
Delta R.T.: 0.002 min
Response: 3433282
Conc: 20.69 ug/ml



#13 Pyrene (C20.8)

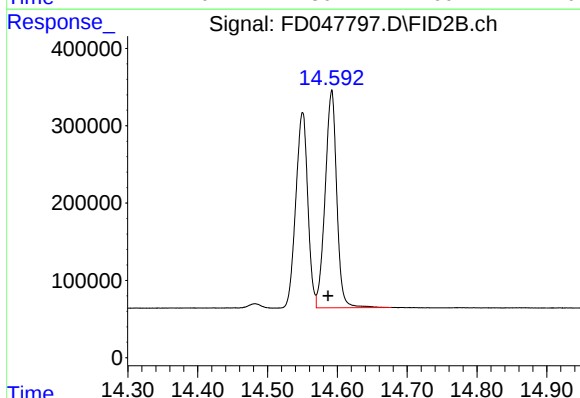
R.T.: 12.680 min
Delta R.T.: 0.002 min
Response: 3333271
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



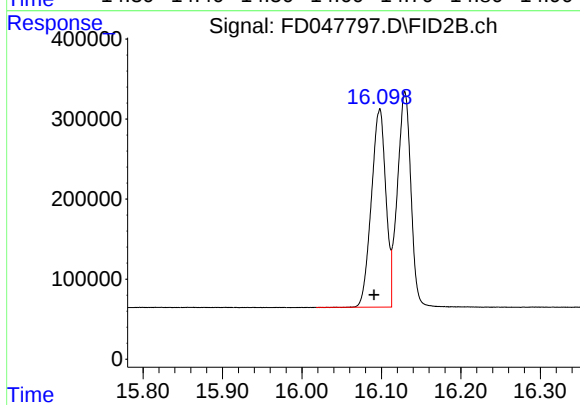
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.004 min
Response: 3011483
Conc: 20.63 ug/ml



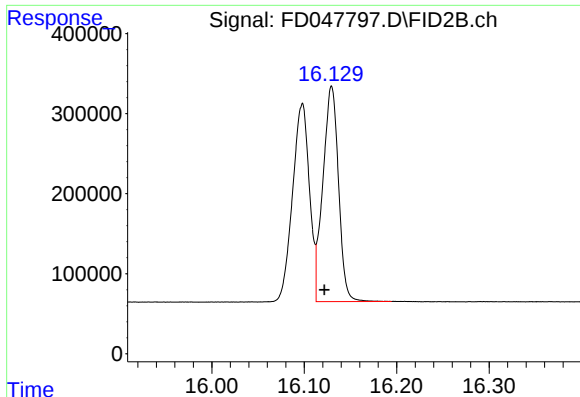
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 3253056
Conc: 20.64 ug/ml



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

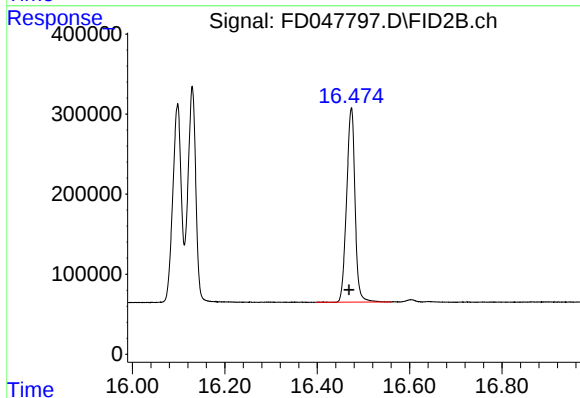
R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 3137789
Conc: 21.01 ug/ml



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

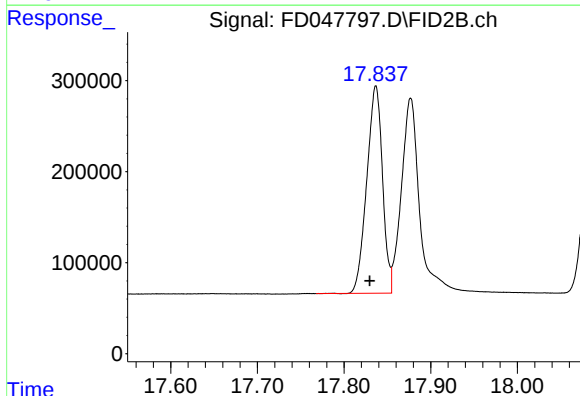
R.T.: 16.130 min
Delta R.T.: 0.008 min
Response: 3162084
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



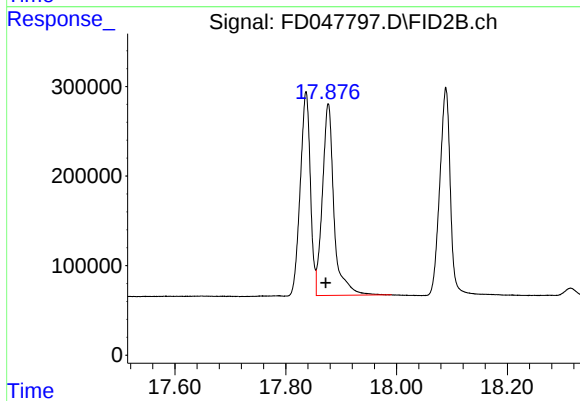
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.005 min
Response: 3067507
Conc: 21.26 ug/ml



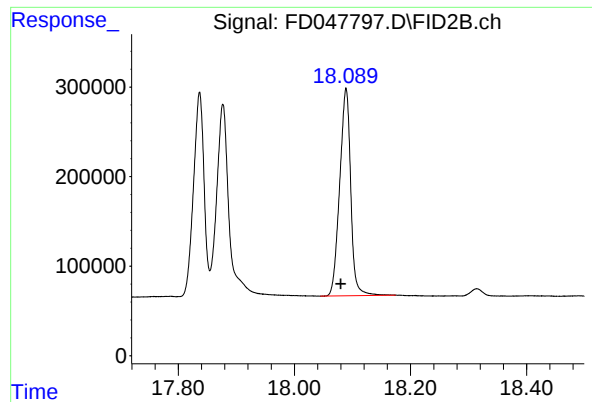
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.007 min
Response: 2868226
Conc: 21.13 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.004 min
Response: 3124008
Conc: 21.82 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.009 min
Response: 3052076
Conc: 22.23 ug/ml

Instrument :

FID_D

ClientSampleId :

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