

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046801.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 22:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 02:54:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.485	3696173	20.267 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.338	2391121	20.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.375	4288380	20.252 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	3899828	20.193 ug/ml
2) T Naphthalene (C11.7)	5.825	4055323	20.252 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	4091920	20.359 ug/ml
5) T Acenaphthylene (C15.06)	8.142	3729360	20.276 ug/ml
7) T Acenaphthene (C15.5)	8.437	3968264	20.258 ug/ml
8) T Flouorene (C16.55)	9.215	3778961	20.430 ug/ml
9) T Phenanthrene (C19.36)	10.603	3608844	20.285 ug/ml
10) T Anthracene (C19.43)	10.678	3432084	20.139 ug/ml
12) T Fluoranthene (C21.85)	12.406	3492082	20.219 ug/ml
13) T Pyrene (C20.8)	12.700	3396324	20.426 ug/ml
14) T Benzo[a]anthracene (C...	14.562	2820431	20.047 ug/ml
15) T Chrysene (C27.41)	14.604	3073595	19.708 ug/ml
16) T benzo[b]fluoranthene ...	16.104	2858423	19.971 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	2857412	19.517 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	2780915	19.840 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2481531	19.643 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	2628204	18.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2744916	19.659 ug/ml

(f)=RT Delta > 1/2 Window

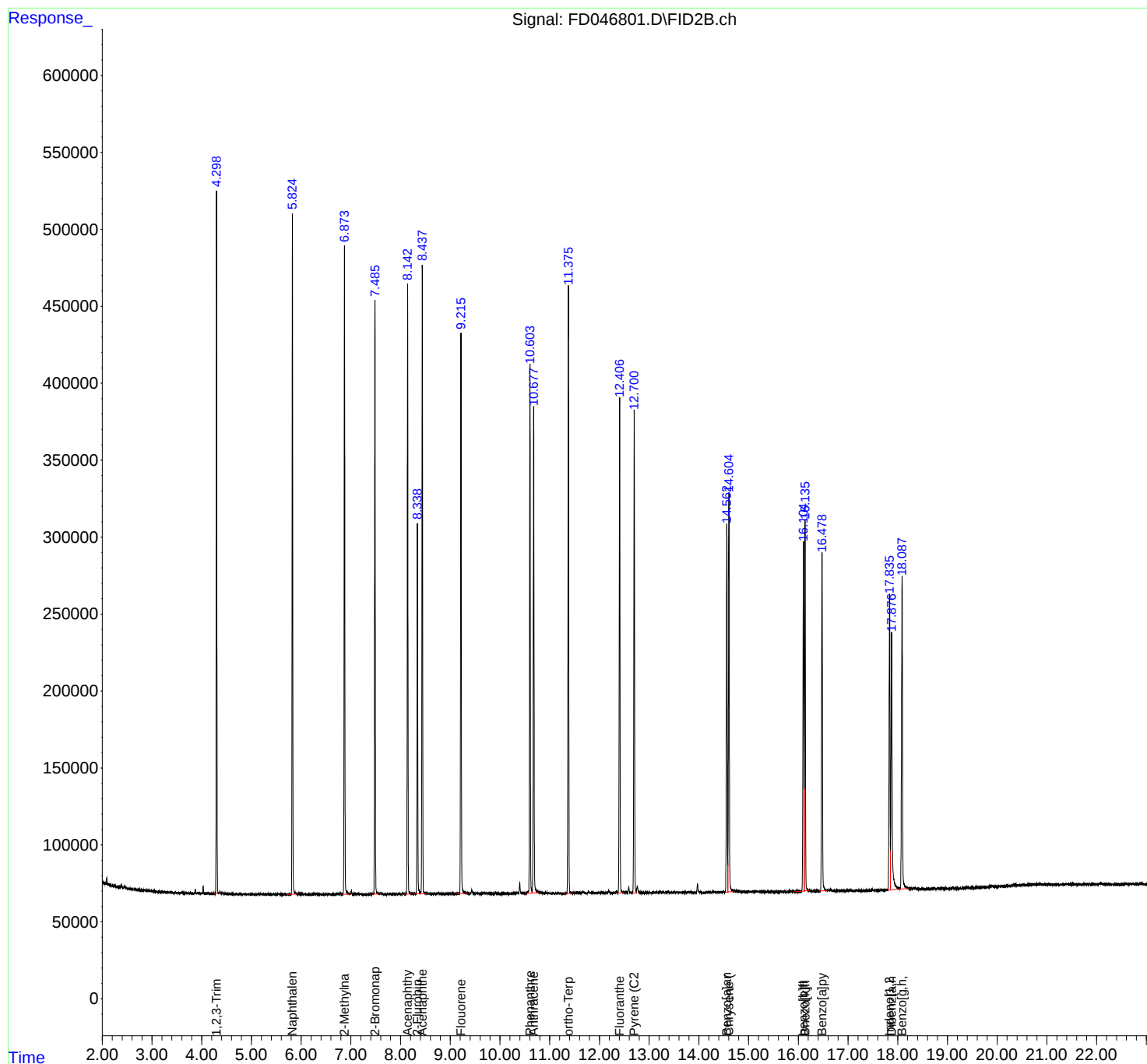
(m)=manual int.

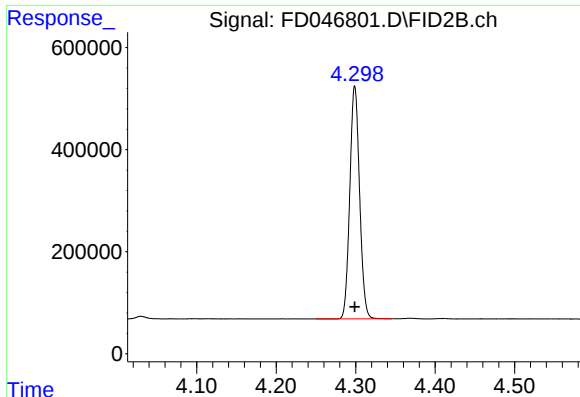
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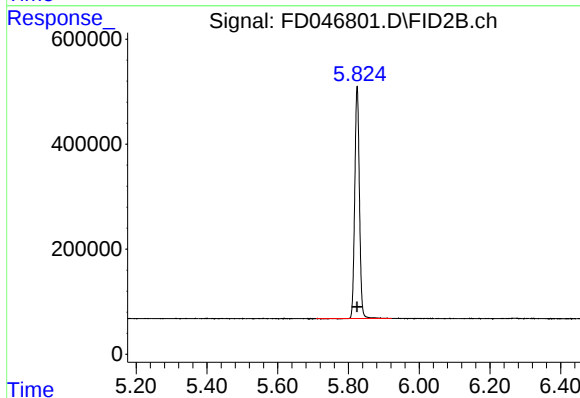




#1 1,2,3-Trimethylbenzene (C10.1)

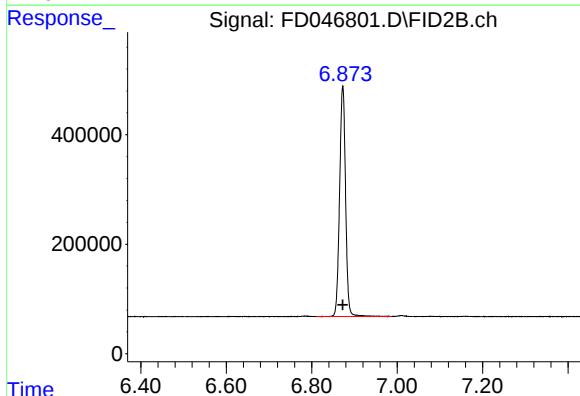
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 3899828
Conc: 20.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



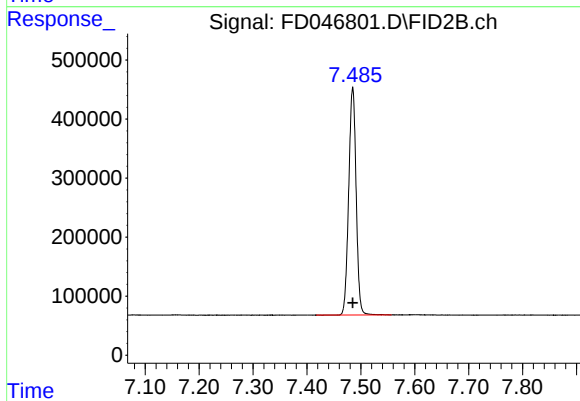
#2 Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 4055323
Conc: 20.25 ug/ml



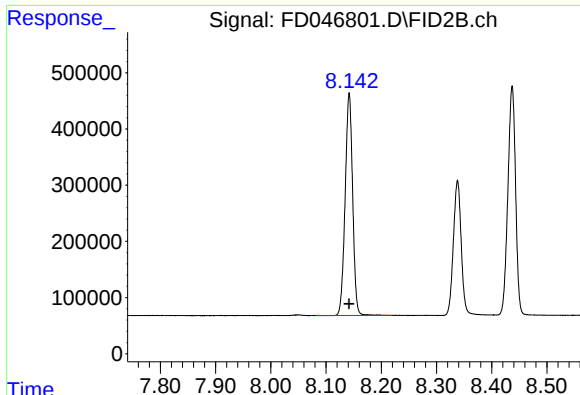
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 4091920
Conc: 20.36 ug/ml



#4 2-Bromonaphthalene (SURR)

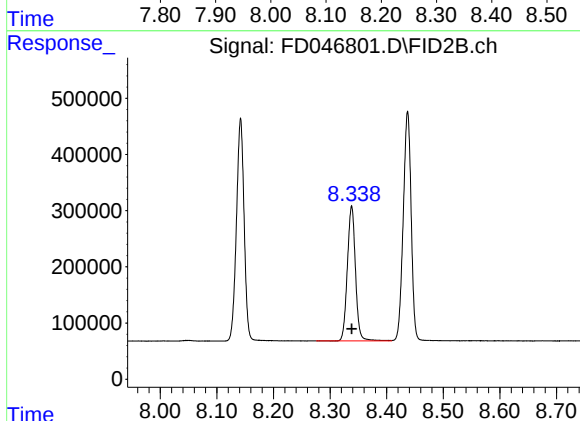
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 3696173
Conc: 20.27 ug/ml



#5 Acenaphthylene (C15.06)

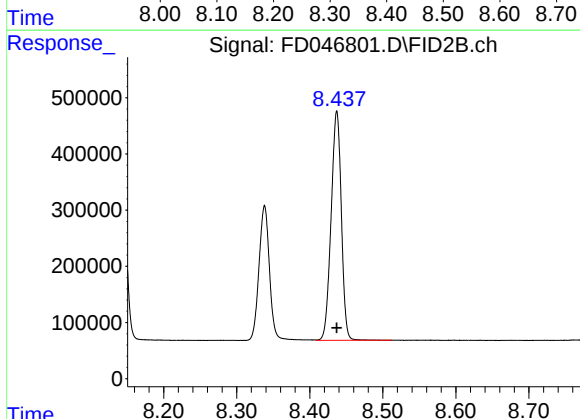
R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 3729360
Conc: 20.28 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



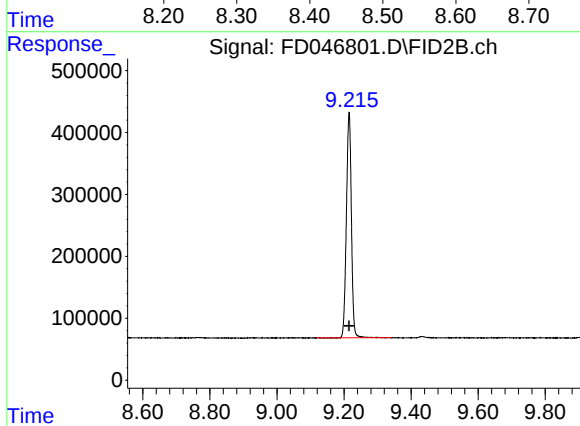
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 2391121
Conc: 20.32 ug/ml



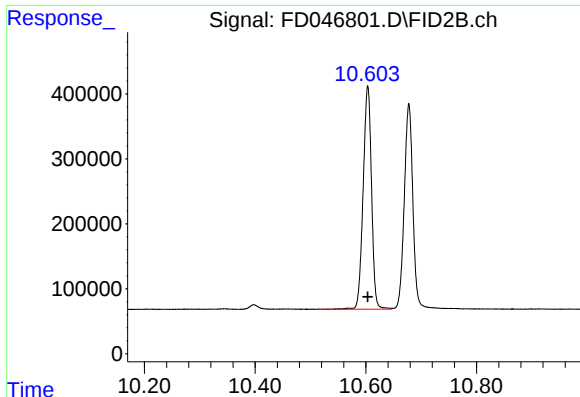
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 3968264
Conc: 20.26 ug/ml



#8 Fluorene (C16.55)

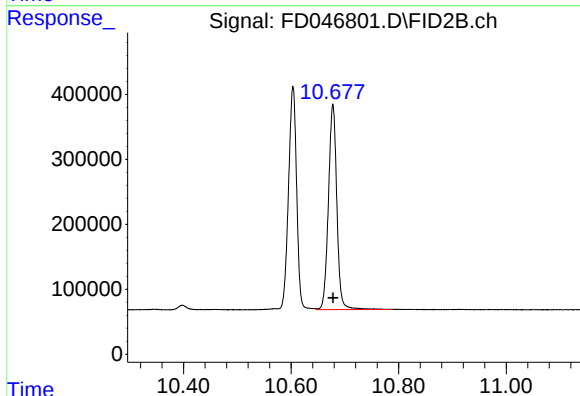
R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 3778961
Conc: 20.43 ug/ml



#9 Phenanthrene (C19.36)

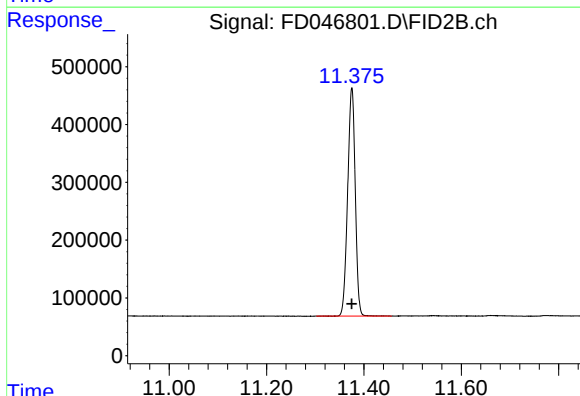
R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 3608844
Conc: 20.29 ug/ml

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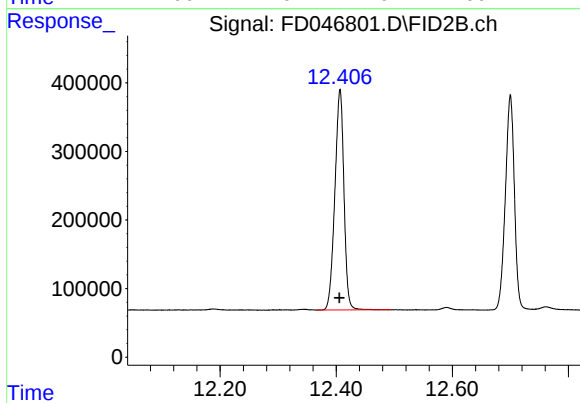
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 3432084
Conc: 20.14 ug/ml



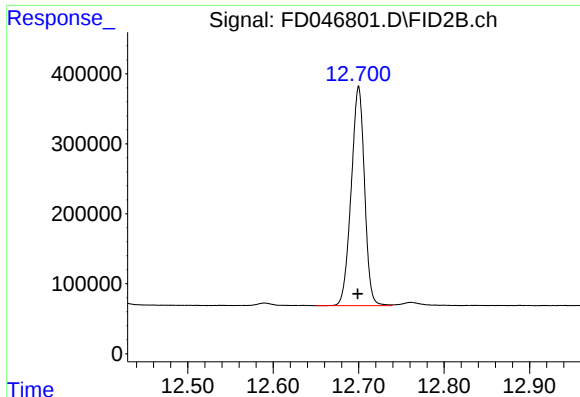
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 4288380
Conc: 20.25 ug/ml



#12 Fluoranthene (C21.85)

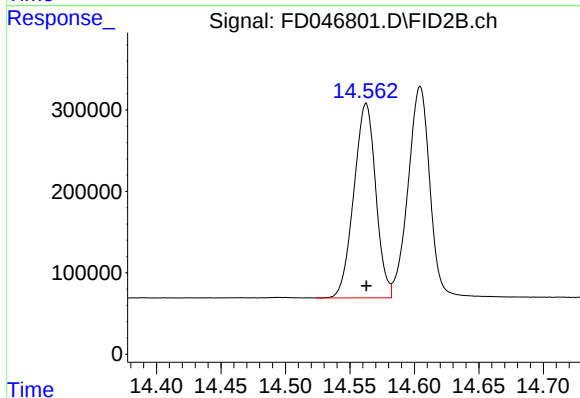
R.T.: 12.406 min
Delta R.T.: 0.000 min
Response: 3492082
Conc: 20.22 ug/ml



#13 Pyrene (C20.8)

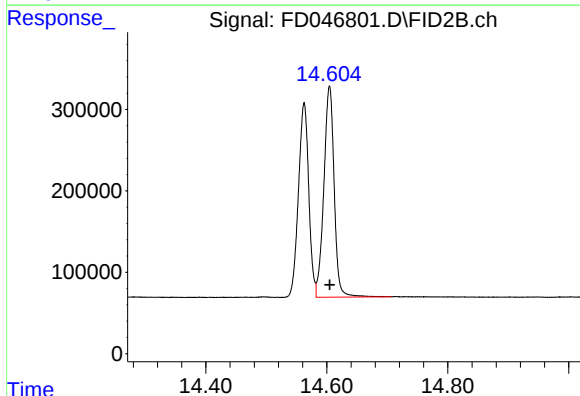
R.T.: 12.700 min
Delta R.T.: 0.000 min
Response: 3396324
Conc: 20.43 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



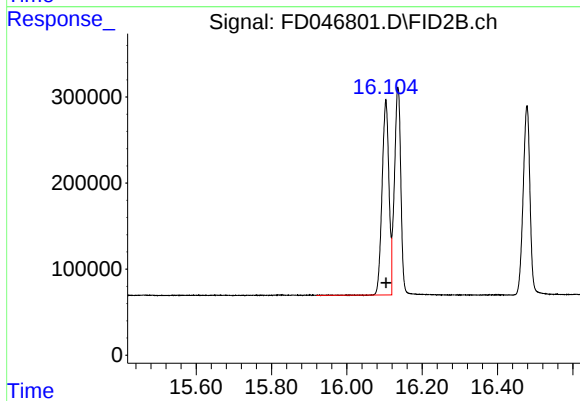
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 2820431
Conc: 20.05 ug/ml



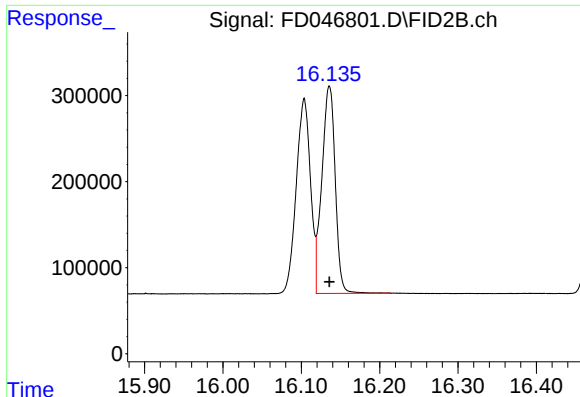
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.000 min
Response: 3073595
Conc: 19.71 ug/ml



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

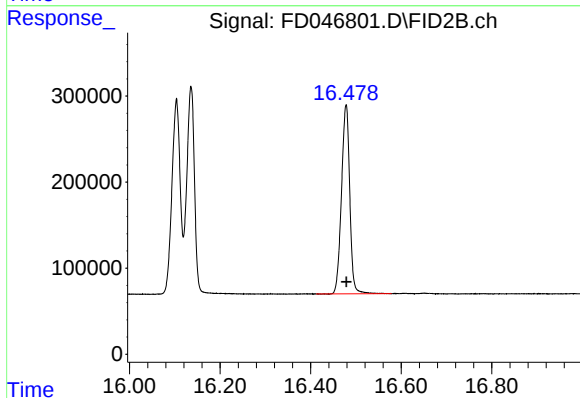
R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 2858423
Conc: 19.97 ug/ml



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

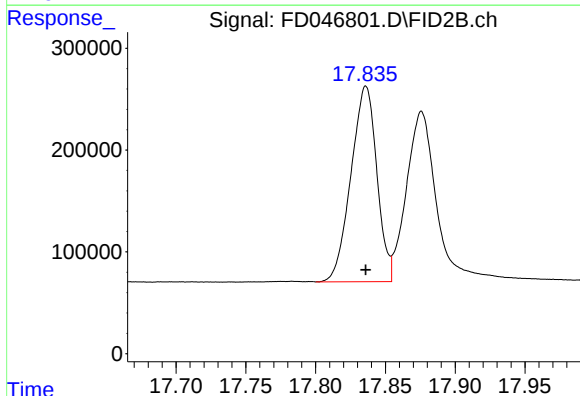
R.T.: 16.136 min
Delta R.T.: 0.000 min
Response: 2857412
Conc: 19.52 ug/ml

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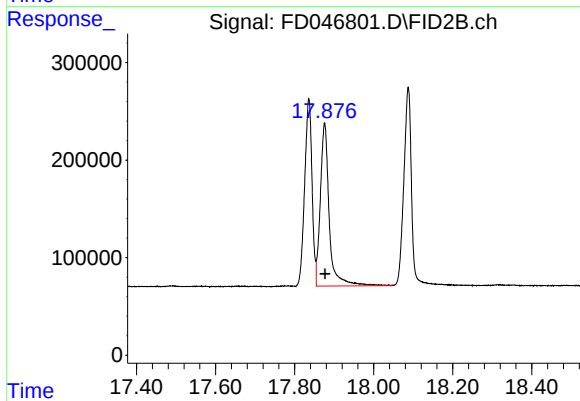
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.000 min
Response: 2780915
Conc: 19.84 ug/ml



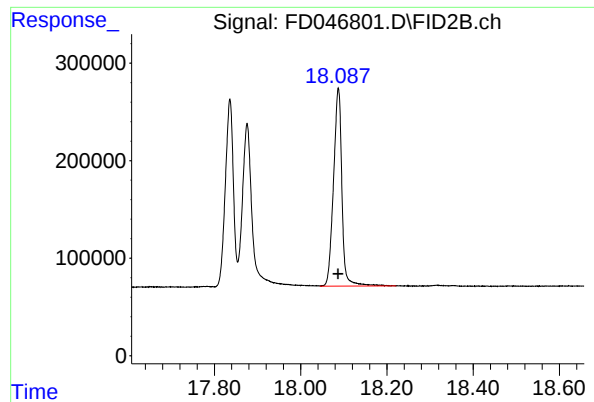
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 2481531
Conc: 19.64 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.001 min
Response: 2628204
Conc: 18.81 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 2744916
Conc: 19.66 ug/ml

Instrument :

FID_D

ClientSampleId :

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