

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047271.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 09:39
 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: autoint1.e
 Quant Time: Feb 23 03:40:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	3129690	20.557 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
6) S 2-Fluorobiphenyl (SURR)	8.317	2069993	20.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.96%
11) S ortho-Terphenyl (SURR)	11.353	3595454	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	3249506	20.612 ug/ml
2) T Naphthalene (C11.7)	5.804	3440969	20.704 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3465513	20.550 ug/ml
5) T Acenaphthylene (C15.06)	8.120	3101177	20.149 ug/ml
7) T Acenaphthene (C15.5)	8.415	3357429	20.369 ug/ml
8) T Flouorene (C16.55)	9.193	3234123	20.398 ug/ml
9) T Phenanthrene (C19.36)	10.581	3137944	20.198 ug/ml
10) T Anthracene (C19.43)	10.655	2402536	16.292 ug/ml
12) T Fluoranthene (C21.85)	12.383	3224777	20.828 ug/ml
13) T Pyrene (C20.8)	12.676	3066785	20.387 ug/ml
14) T Benzo[a]anthracene (C...	14.541	2708643	20.150 ug/ml
15) T Chrysene (C27.41)	14.583	3009403	20.551 ug/ml
16) T benzo[b]fluoranthene ...	16.084	2808357	20.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	2985315	21.515 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	2617835	19.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	2560522	20.282 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	2566326	19.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	2723015	20.536 ug/ml

(f)=RT Delta > 1/2 Window

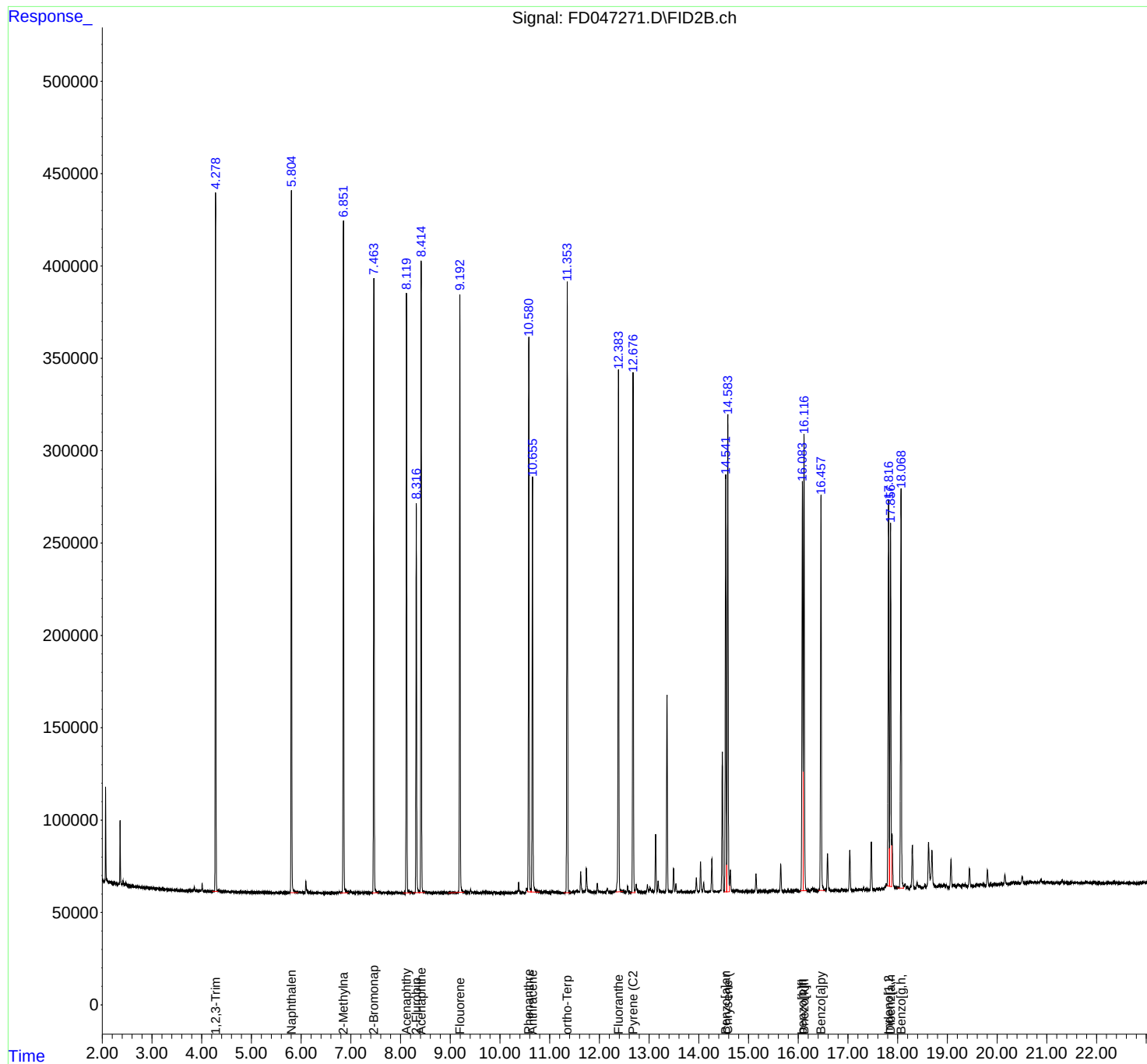
(m)=manual int.

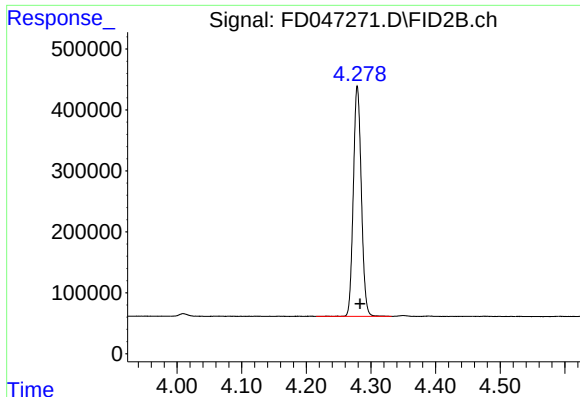
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02224AR\
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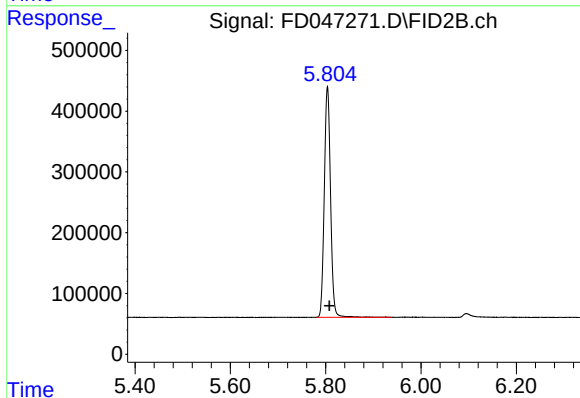




#1 1,2,3-Trimethylbenzene (C10.1)

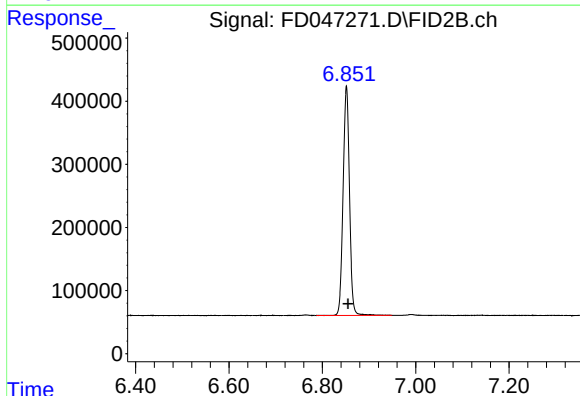
R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 3249506
Conc: 20.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



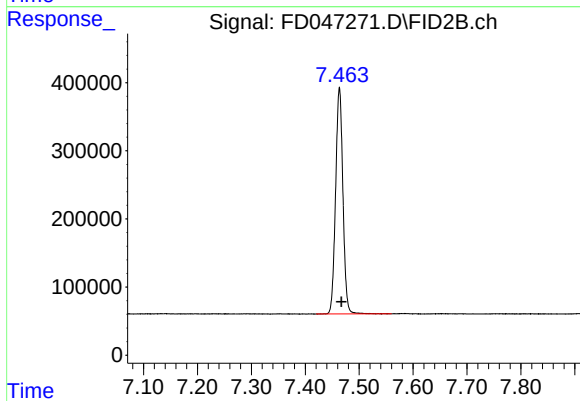
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 3440969
Conc: 20.70 ug/ml



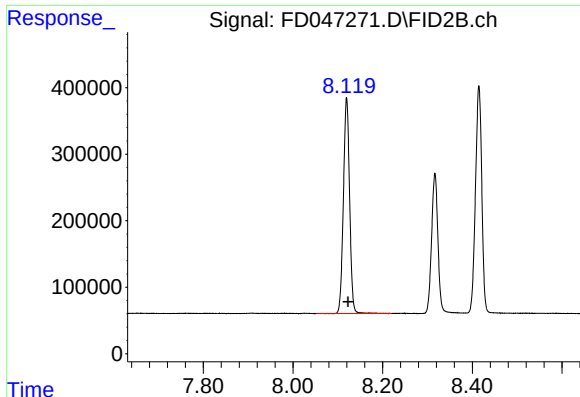
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 3465513
Conc: 20.55 ug/ml



#4 2-Bromonaphthalene (SURR)

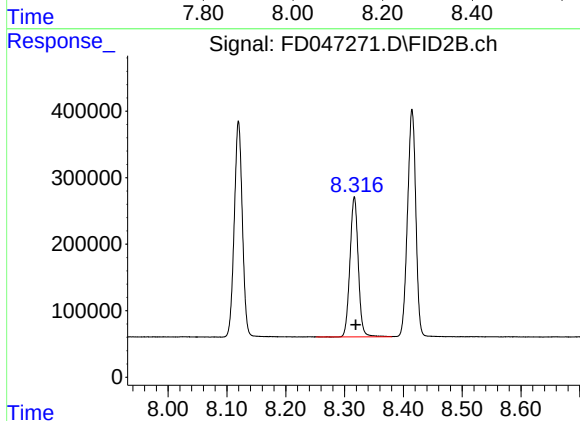
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3129690
Conc: 20.56 ug/ml



#5 Acenaphthylene (C15.06)

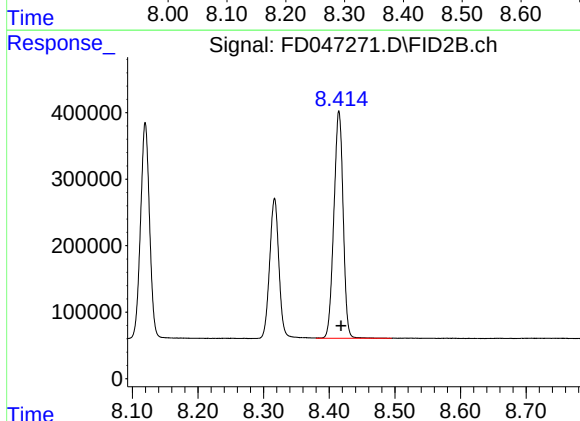
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 3101177
Conc: 20.15 ug/ml

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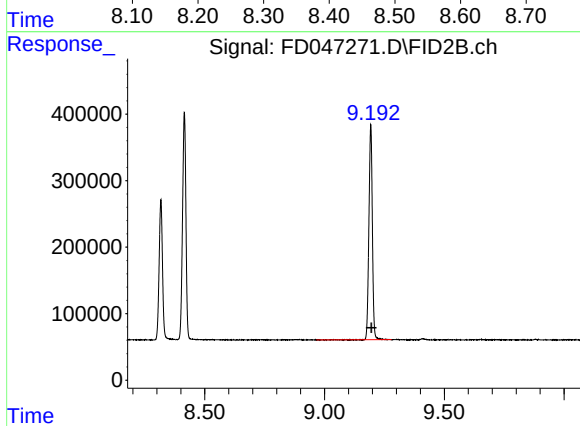
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 2069993
Conc: 20.48 ug/ml



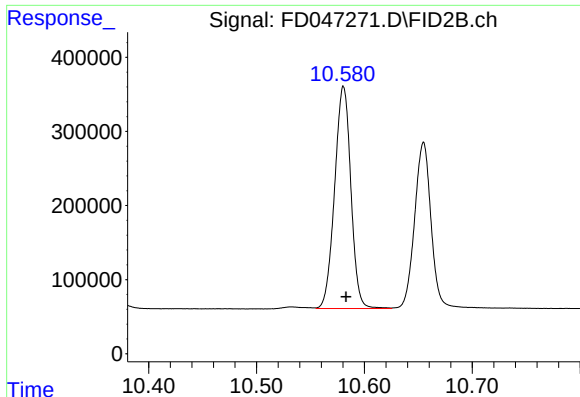
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 3357429
Conc: 20.37 ug/ml



#8 Flouorene (C16.55)

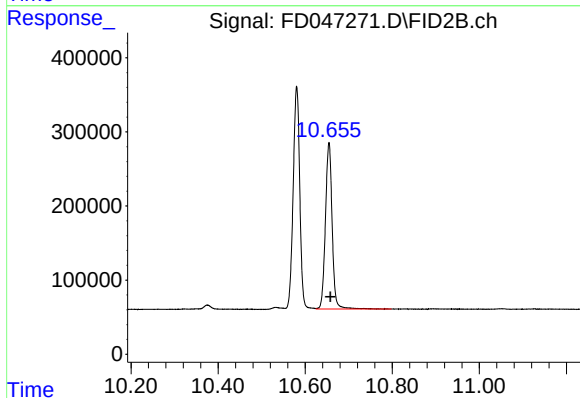
R.T.: 9.193 min
Delta R.T.: -0.003 min
Response: 3234123
Conc: 20.40 ug/ml



#9 Phenanthrene (C19.36)

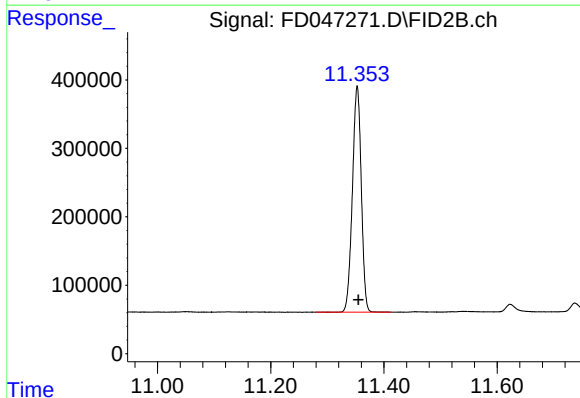
R.T.: 10.581 min
Delta R.T.: -0.003 min
Response: 3137944
Conc: 20.20 ug/ml

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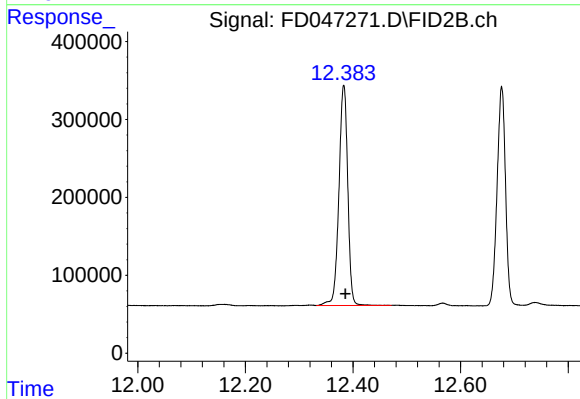
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: -0.003 min
Response: 2402536
Conc: 16.29 ug/ml



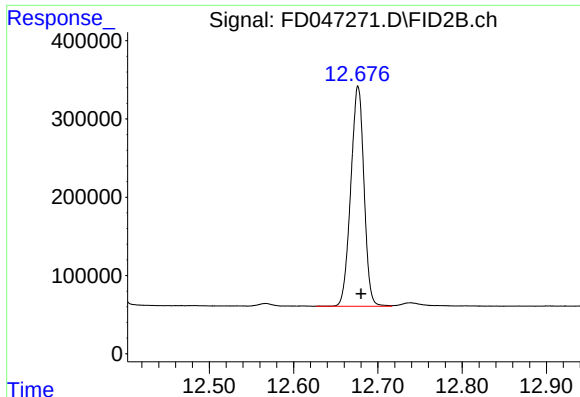
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 3595454
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

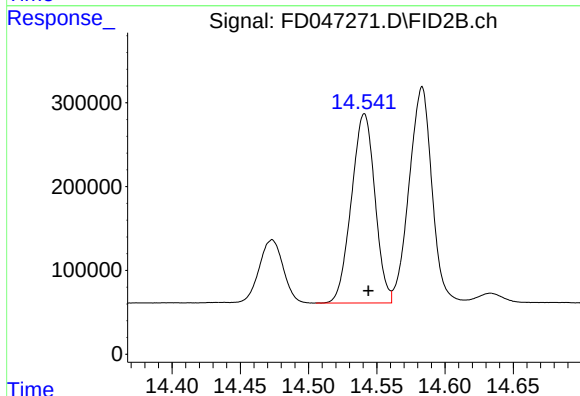
R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 3224777
Conc: 20.83 ug/ml



#13 Pyrene (C20.8)

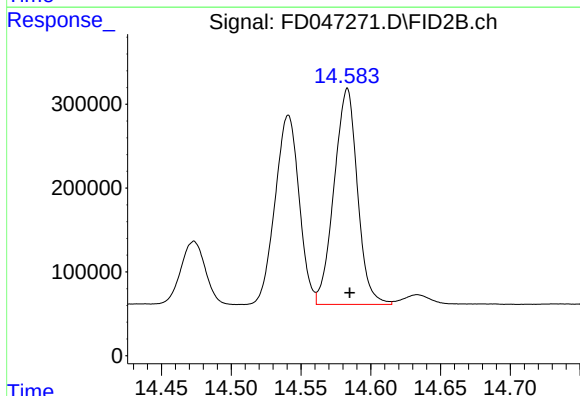
R.T.: 12.676 min
Delta R.T.: -0.003 min
Response: 3066785
Conc: 20.39 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



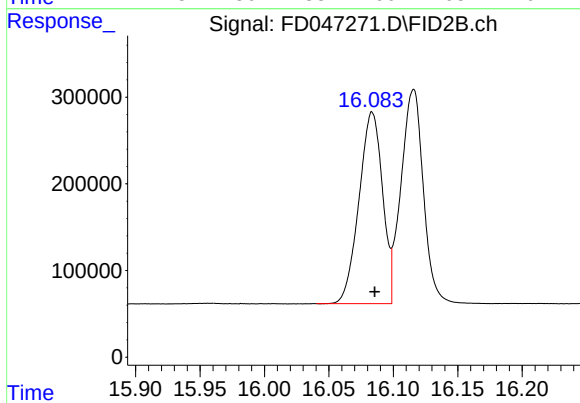
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 2708643
Conc: 20.15 ug/ml



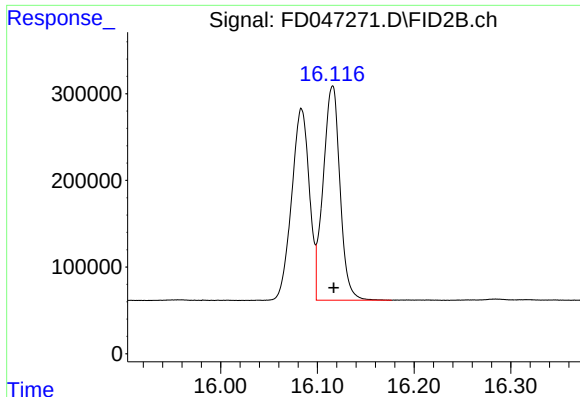
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 3009403
Conc: 20.55 ug/ml



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

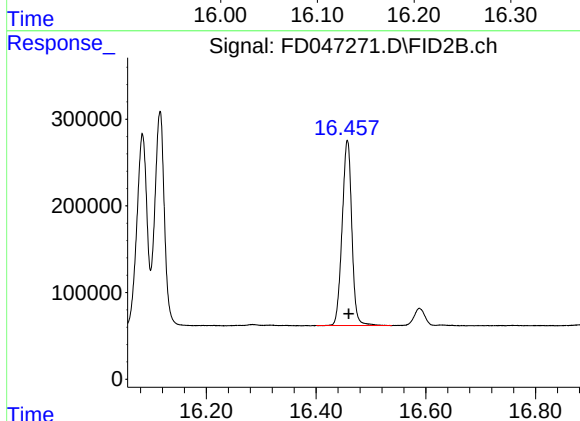
R.T.: 16.084 min
Delta R.T.: -0.002 min
Response: 2808357
Conc: 20.40 ug/ml



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

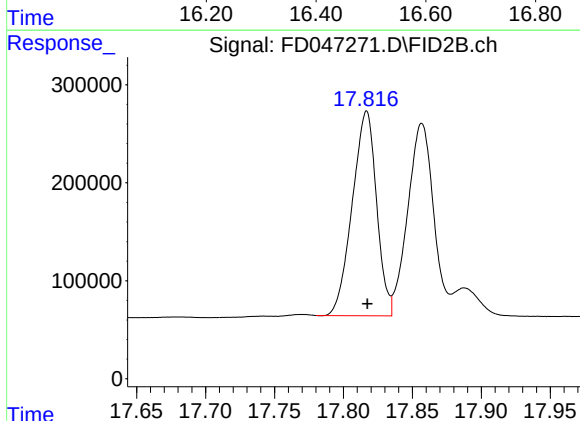
R.T.: 16.115 min
Delta R.T.: -0.001 min
Response: 2985315
Conc: 21.51 ug/ml

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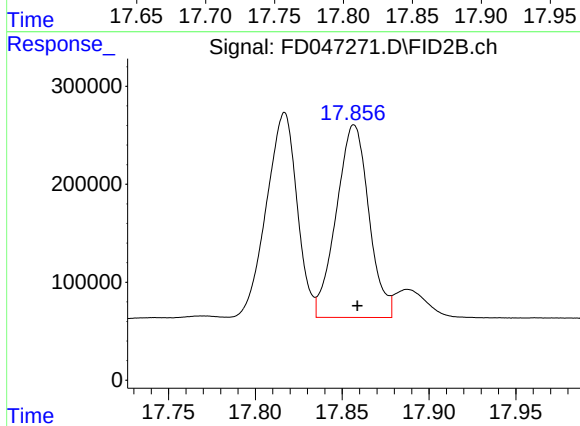
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: -0.003 min
Response: 2617835
Conc: 19.34 ug/ml



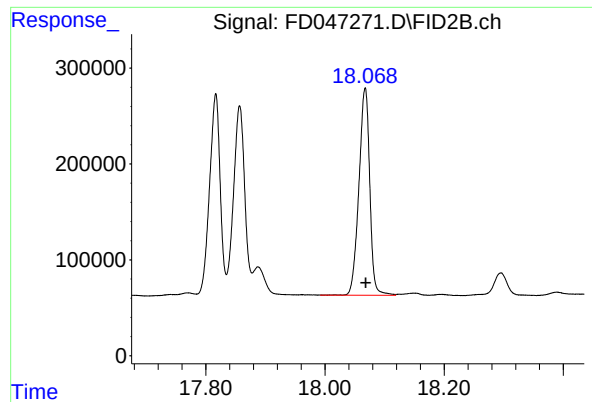
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 2560522
Conc: 20.28 ug/ml



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

R.T.: 17.857 min
Delta R.T.: -0.002 min
Response: 2566326
Conc: 19.26 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.001 min
Response: 2723015
Conc: 20.54 ug/ml

Instrument :

FID_D

ClientSampleId :

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