

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
 Data File : FD047617.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2024 13:46
 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: May 03 01:56:00 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...	7.460	3134017	19.984 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
6) S 2-Fluorobiphenyl (SURR)	8.313	2096347	20.041 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.08%
11) S ortho-Terphenyl (SURR)	11.352	3721822	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3239957	20.039 ug/ml
2) T Naphthalene (C11.7)	5.799	3387000	20.017 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3451604	20.263 ug/mlm
5) T Acenaphthylene (C15.06)	8.116	3186624	19.540 ug/mlm
7) T Acenaphthene (C15.5)	8.411	3396441	20.205 ug/ml
8) T Flouorene (C16.55)	9.190	3328692	20.011 ug/ml
9) T Phenanthrene (C19.36)	10.580	3288084	20.084 ug/mlm
10) T Anthracene (C19.43)	10.654	2714200	18.121 ug/ml
12) T Fluoranthene (C21.85)	12.386	3346421	20.167 ug/ml
13) T Pyrene (C20.8)	12.681	3233395	19.872 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2896251	19.841 ug/ml
15) T Chrysene (C27.41)	14.590	3082737	19.562 ug/ml
16) T benzo[b]fluoranthene ...	16.095	2993752	20.044 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3065349	20.361 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2851112	19.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	2725608	20.083 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	3017396	21.075 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	2818532	20.529 ug/ml

(f)=RT Delta > 1/2 Window

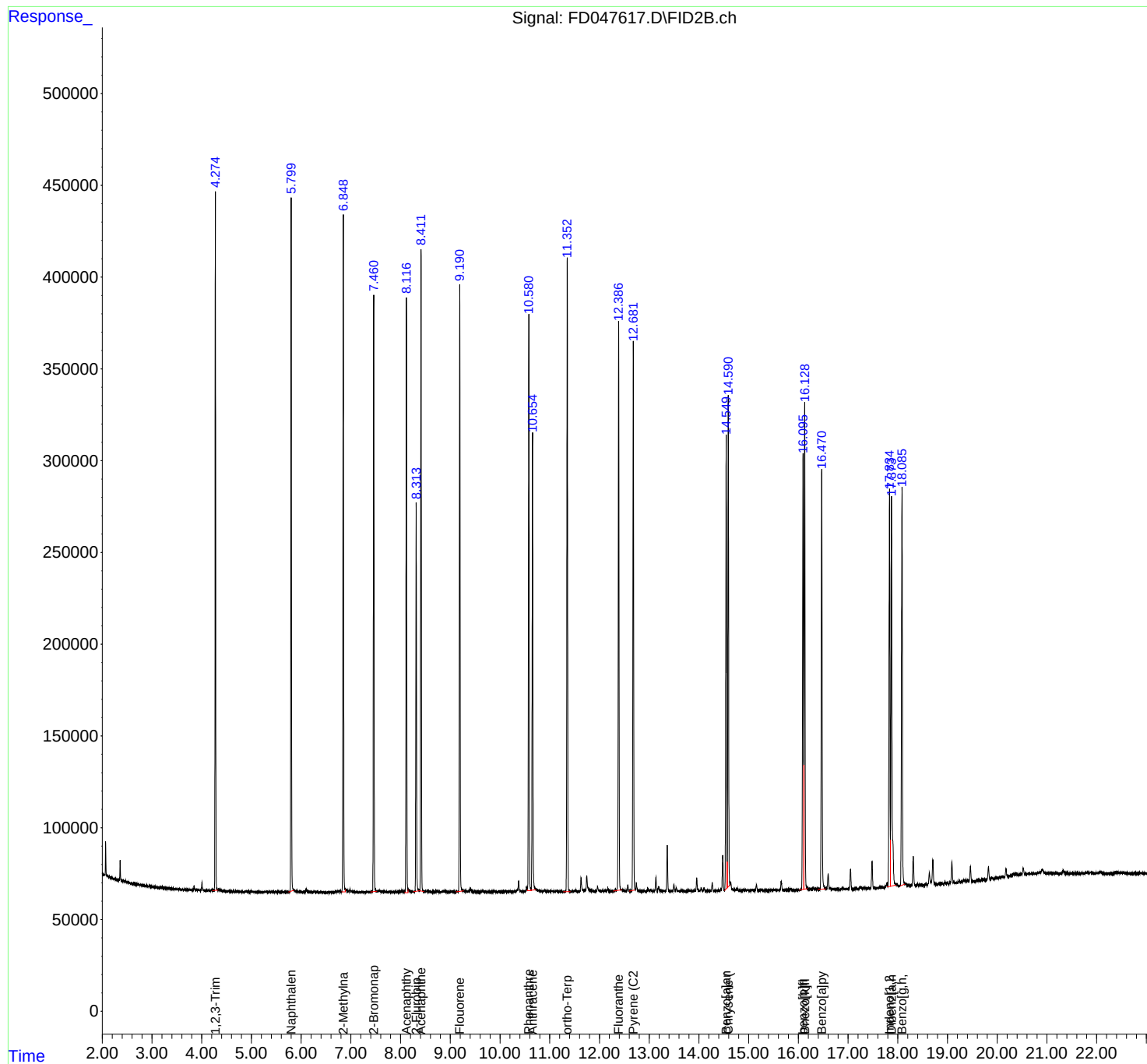
(m)=manual int.

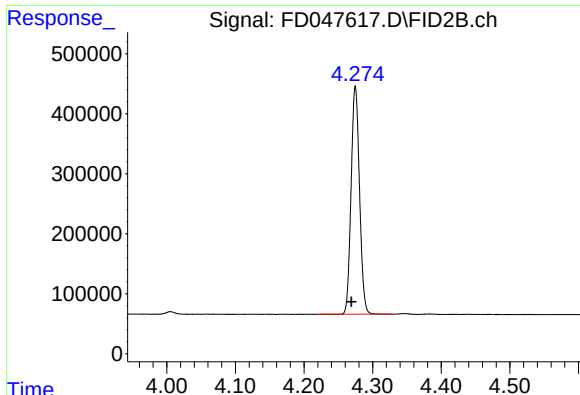
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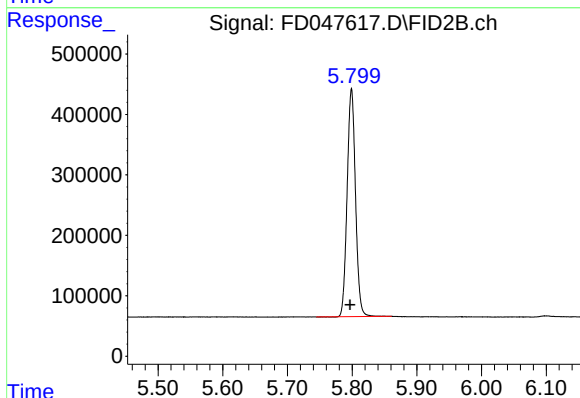




#1 1,2,3-Trimethylbenzene (C10.1)

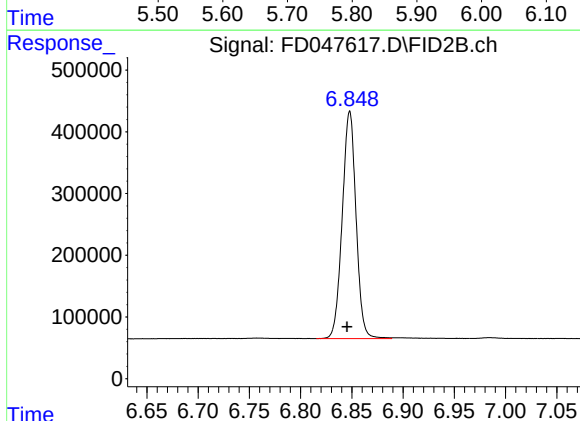
R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 3239957
Conc: 20.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



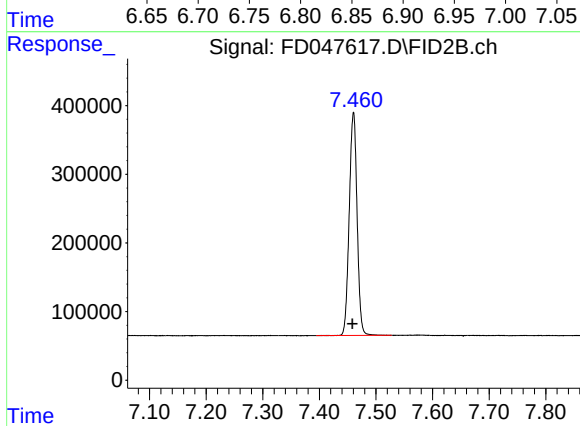
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3387000
Conc: 20.02 ug/ml



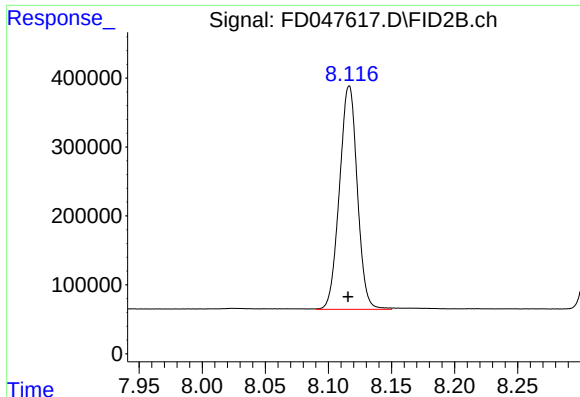
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 3451604
Conc: 20.26 ug/ml m



#4 2-Bromonaphthalene (SURR)

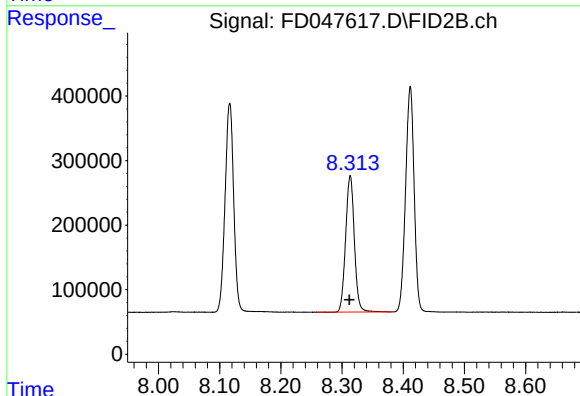
R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 3134017
Conc: 19.98 ug/ml



#5 Acenaphthylene (C15.06)

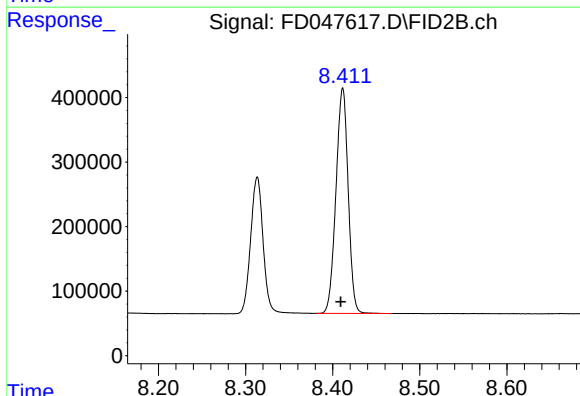
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3186624
Conc: 19.54 ug/ml

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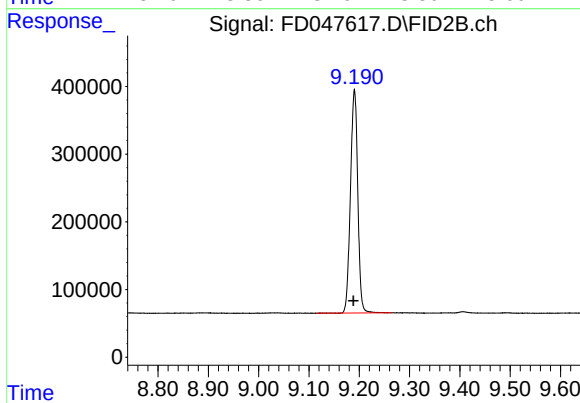
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2096347
Conc: 20.04 ug/ml



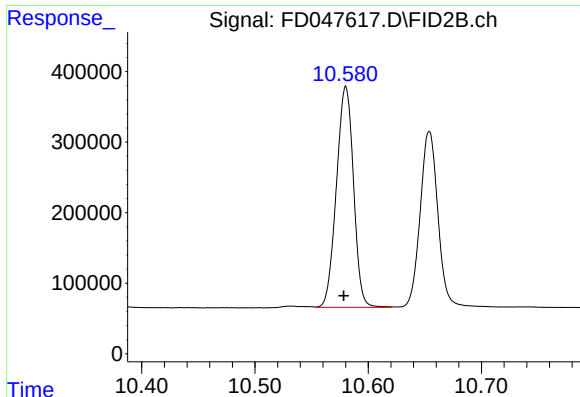
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 3396441
Conc: 20.21 ug/ml



#8 Fluorene (C16.55)

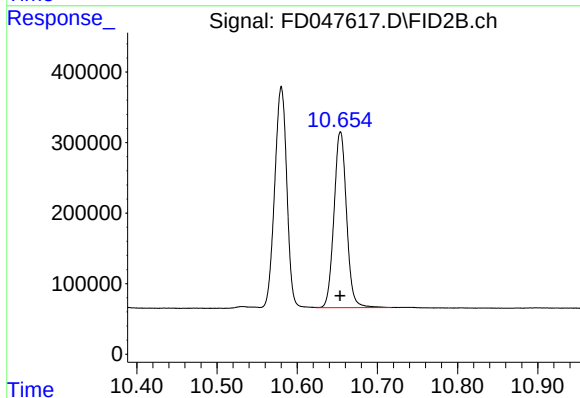
R.T.: 9.190 min
Delta R.T.: 0.002 min
Response: 3328692
Conc: 20.01 ug/ml



#9 Phenanthrene (C19.36)

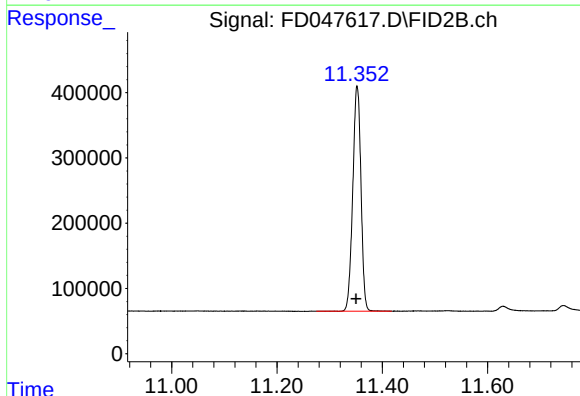
R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 3288084
Conc: 20.08 ug/ml

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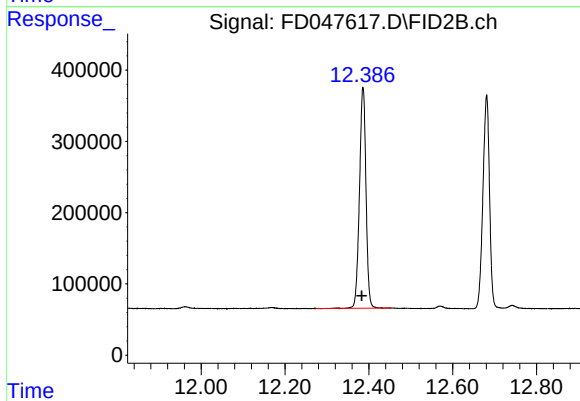
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2714200
Conc: 18.12 ug/ml



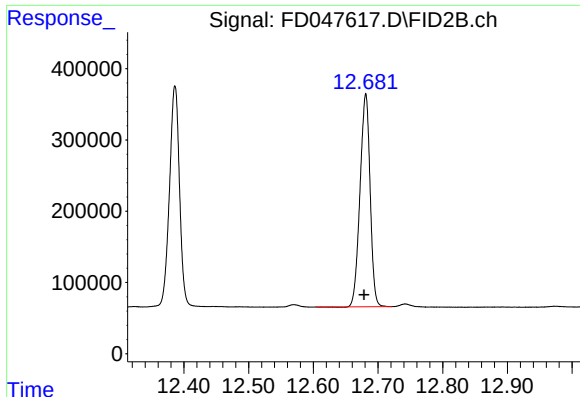
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 3721822
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

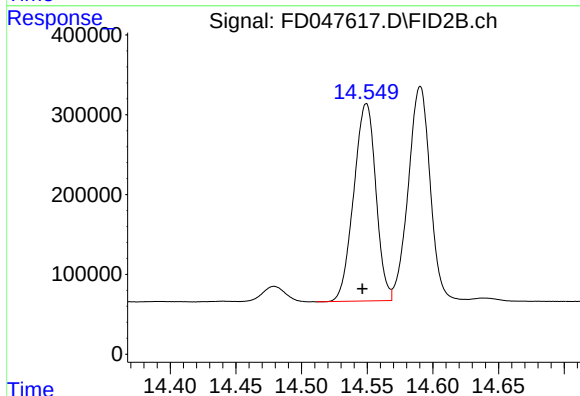
R.T.: 12.386 min
Delta R.T.: 0.003 min
Response: 3346421
Conc: 20.17 ug/ml



#13 Pyrene (C20.8)

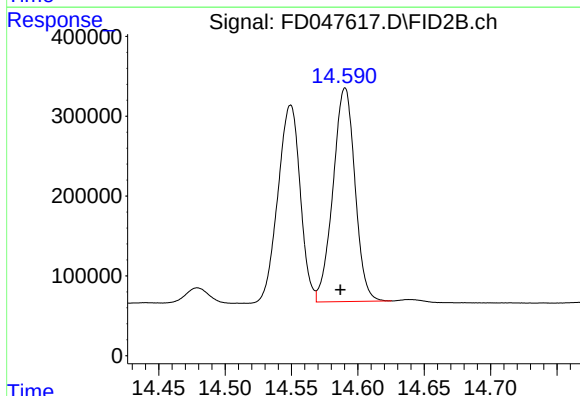
R.T.: 12.681 min
Delta R.T.: 0.003 min
Response: 3233395
Conc: 19.87 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



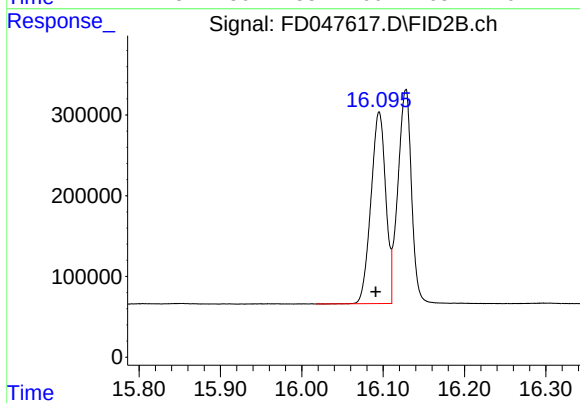
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.003 min
Response: 2896251
Conc: 19.84 ug/ml



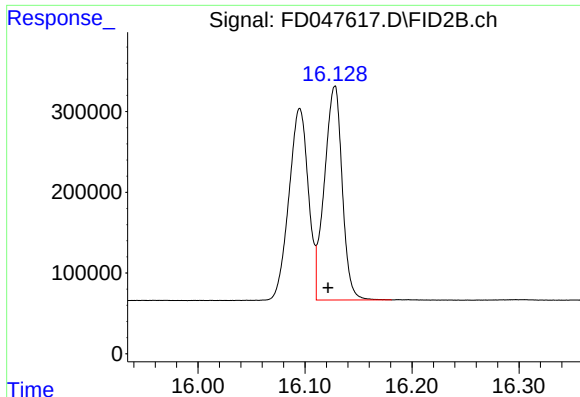
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.003 min
Response: 3082737
Conc: 19.56 ug/ml



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

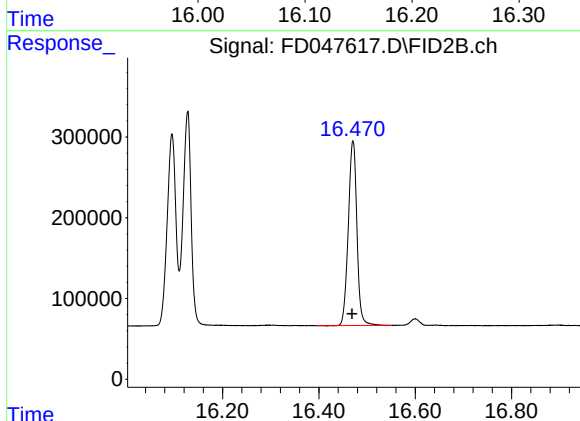
R.T.: 16.095 min
Delta R.T.: 0.004 min
Response: 2993752
Conc: 20.04 ug/ml



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

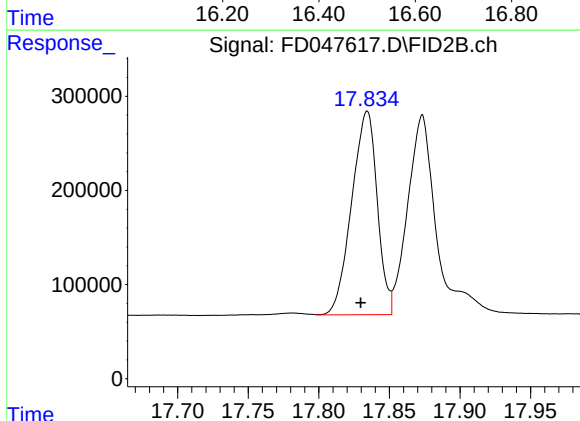
R.T.: 16.127 min
Delta R.T.: 0.006 min
Response: 3065349
Conc: 20.36 ug/ml

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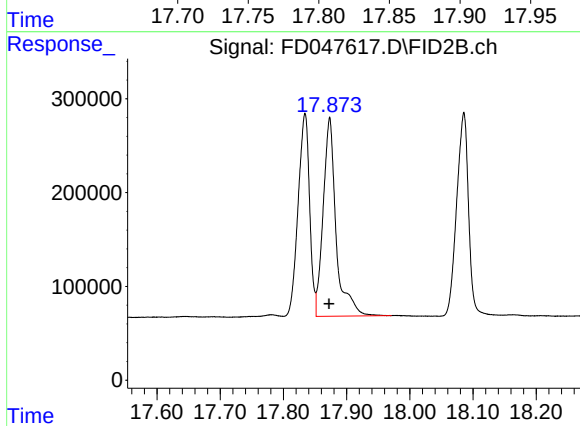
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.002 min
Response: 2851112
Conc: 19.76 ug/ml



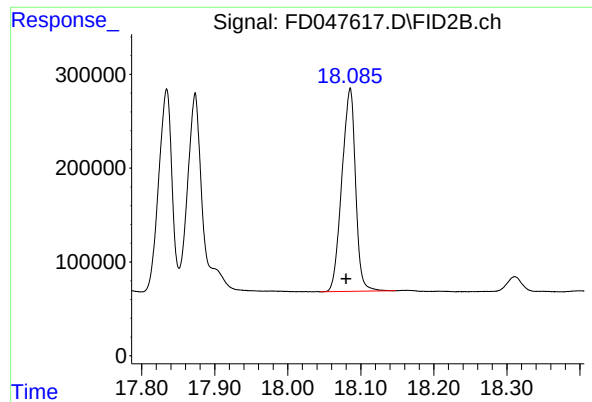
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: 0.004 min
Response: 2725608
Conc: 20.08 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.000 min
Response: 3017396
Conc: 21.07 ug/ml



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

R.T.: 18.085 min
Delta R.T.: 0.005 min
Response: 2818532
Conc: 20.53 ug/ml

Instrument :

FID_D

ClientSampleId :

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