

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047727.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 18:17
 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 13 02:07:00 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...	7.461	3481115	22.197 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
6) S 2-Fluorobiphenyl (SURR)	8.314	2301341	22.001 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.00%
11) S ortho-Terphenyl (SURR)	11.355	4025149	21.464 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3648497	22.566 ug/ml
2) T Naphthalene (C11.7)	5.798	3795648	22.432 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3840682	22.547 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3496672	21.441 ug/ml
7) T Acenaphthene (C15.5)	8.412	3730650	22.194 ug/ml
8) T Flouorene (C16.55)	9.191	3643613	21.904 ug/ml
9) T Phenanthrene (C19.36)	10.582	3534590	21.590 ug/ml
10) T Anthracene (C19.43)	10.656	2877377	19.210 ug/ml
12) T Fluoranthene (C21.85)	12.389	3459448	20.848 ug/ml
13) T Pyrene (C20.8)	12.683	3339064	20.521 ug/ml
14) T Benzo[a]anthracene (C...	14.552	2943858	20.167 ug/ml
15) T Chrysene (C27.41)	14.594	3183113	20.199 ug/ml
16) T benzo[b]fluoranthene ...	16.101	3043214	20.375 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	3073679	20.416 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	2962025	20.528 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	2869090	21.140 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	3077722	21.496 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	2980240	21.706 ug/ml

(f)=RT Delta > 1/2 Window

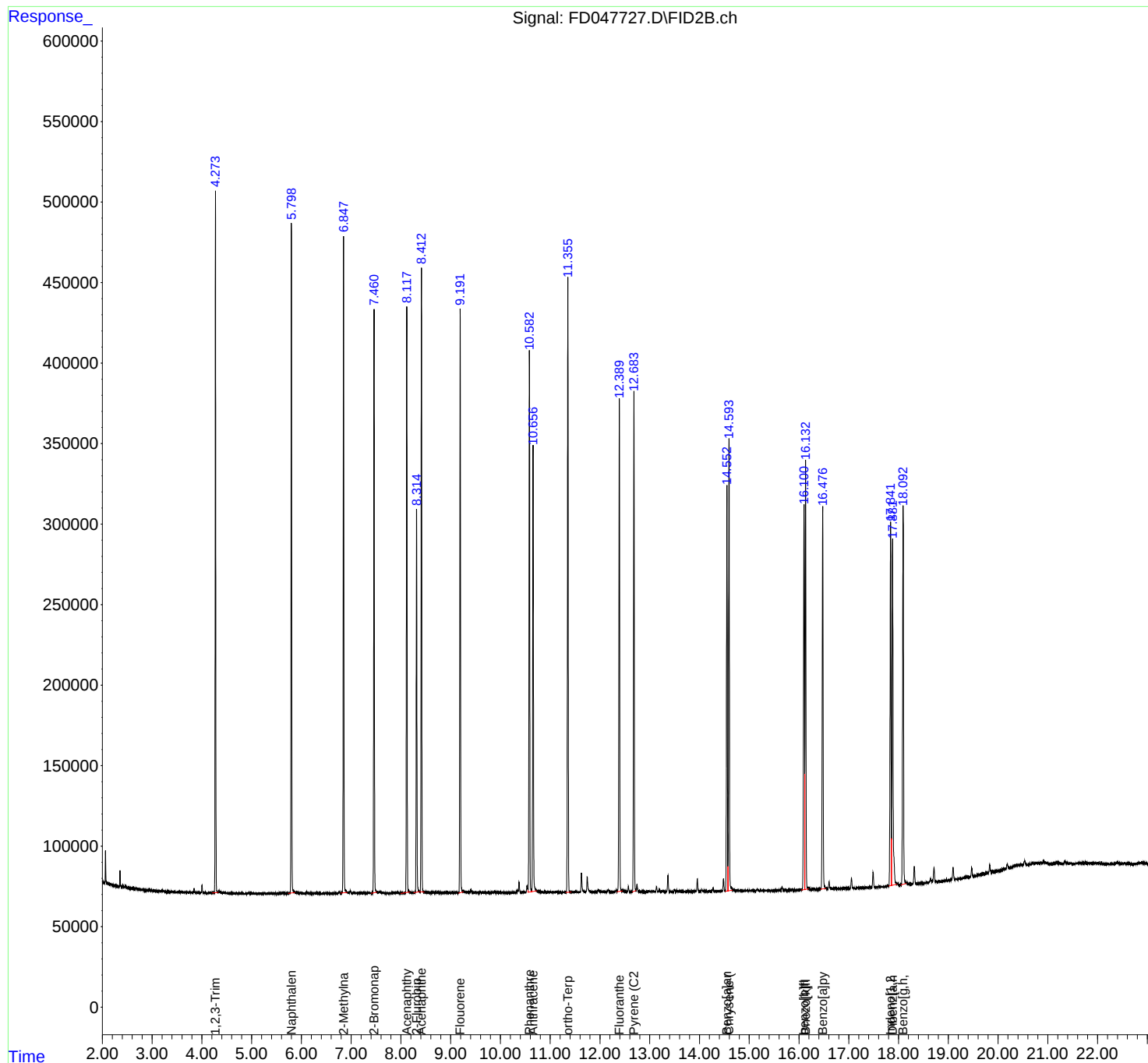
(m)=manual int.

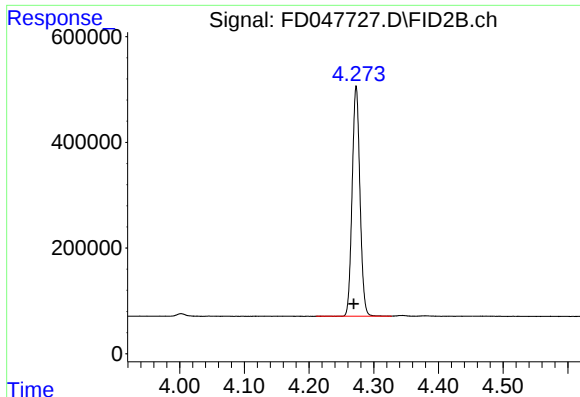
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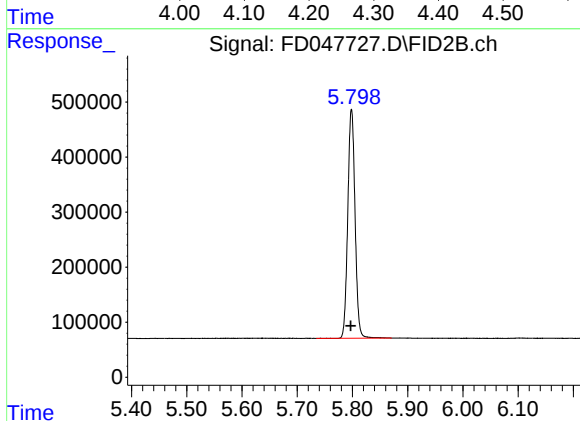




#1 1,2,3-Trimethylbenzene (C10.1)

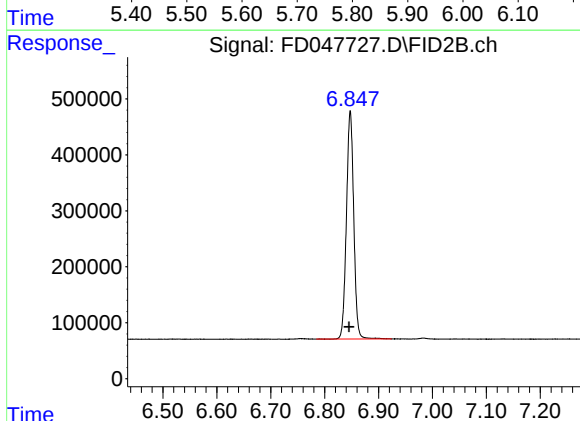
R.T.: 4.273 min
Delta R.T.: 0.004 min
Response: 3648497
Conc: 22.57 ug/ml

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20 PPM AROMATIC HC STD



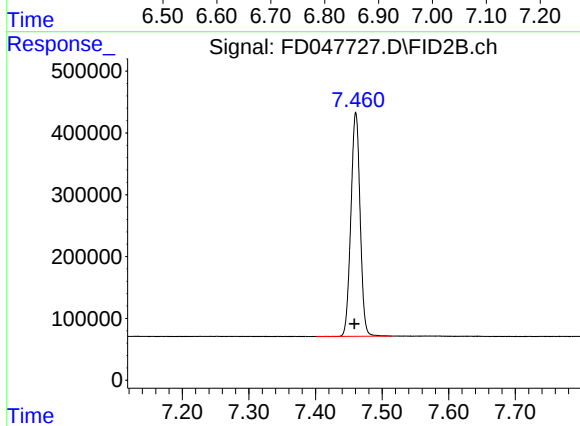
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 3795648
Conc: 22.43 ug/ml



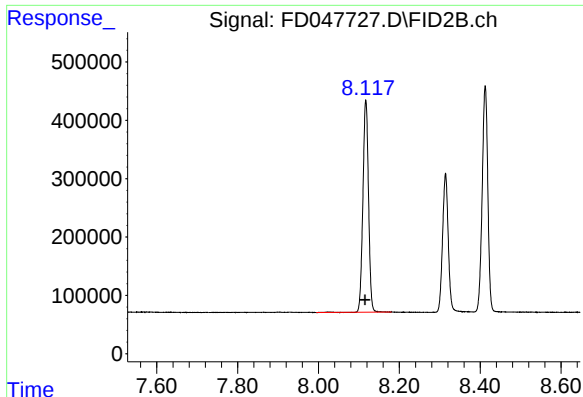
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 3840682
Conc: 22.55 ug/ml



#4 2-Bromonaphthalene (SURR)

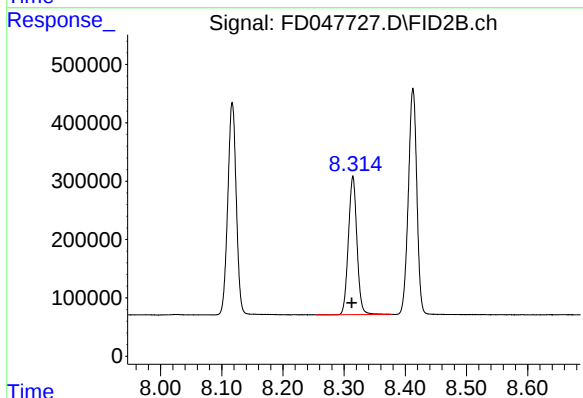
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 3481115
Conc: 22.20 ug/ml



#5 Acenaphthylene (C15.06)

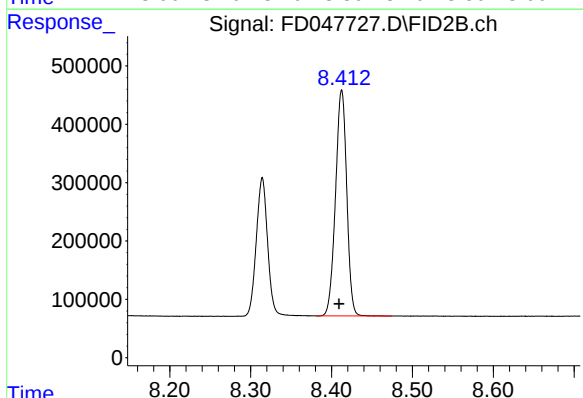
R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 3496672
Conc: 21.44 ug/ml

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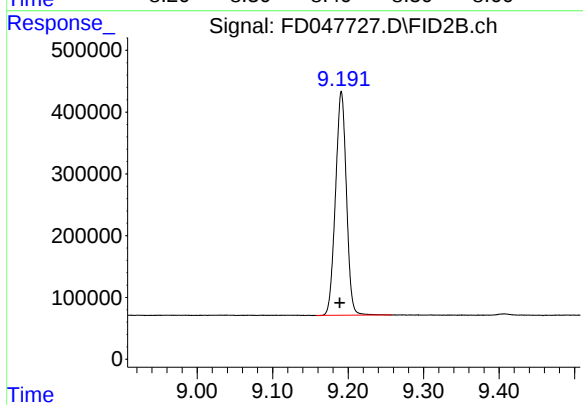
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.002 min
Response: 2301341
Conc: 22.00 ug/ml



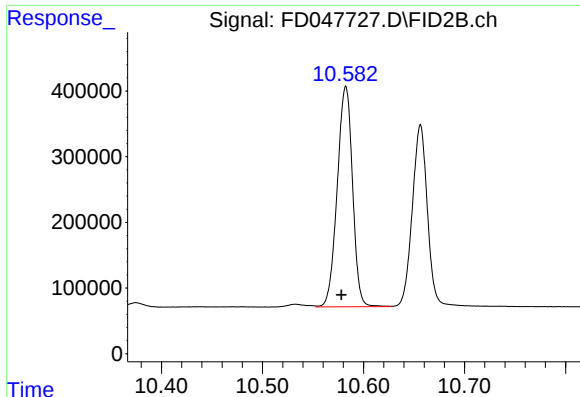
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 3730650
Conc: 22.19 ug/ml



#8 Fluorene (C16.55)

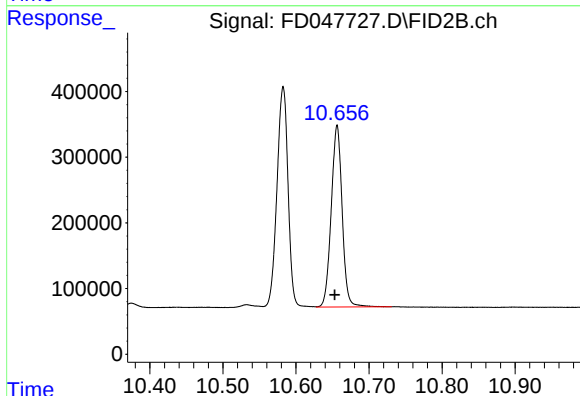
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3643613
Conc: 21.90 ug/ml



#9 Phenanthrene (C19.36)

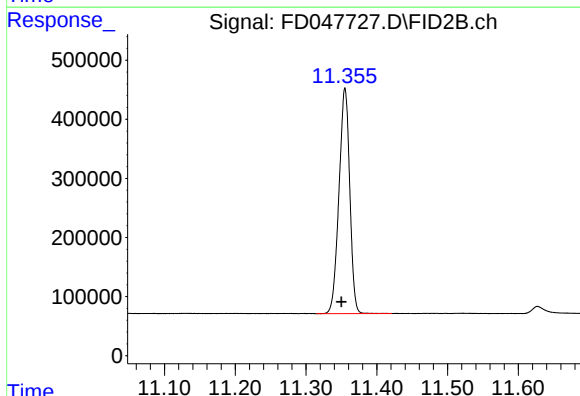
R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 3534590
Conc: 21.59 ug/ml

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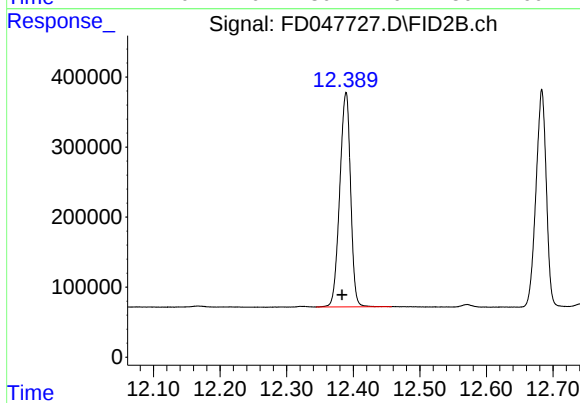
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.003 min
Response: 2877377
Conc: 19.21 ug/ml



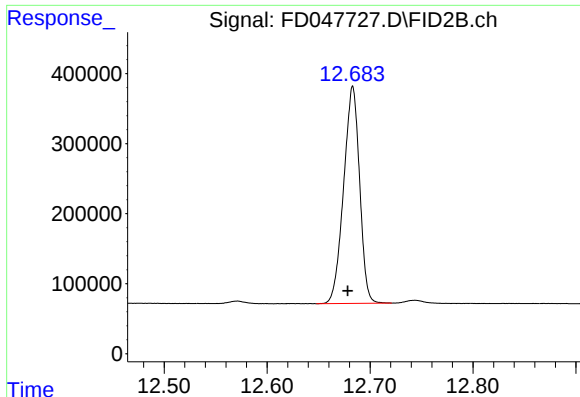
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.005 min
Response: 4025149
Conc: 21.46 ug/ml



#12 Fluoranthene (C21.85)

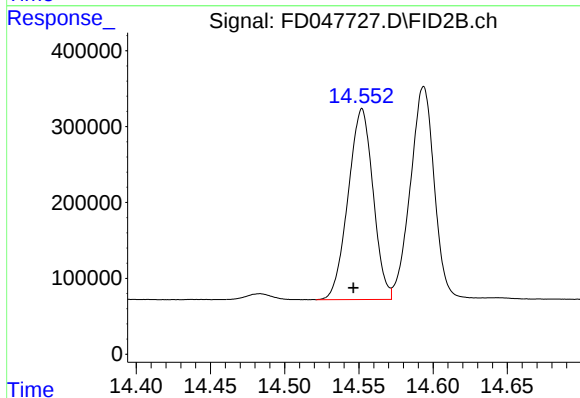
R.T.: 12.389 min
Delta R.T.: 0.005 min
Response: 3459448
Conc: 20.85 ug/ml



#13 Pyrene (C20.8)

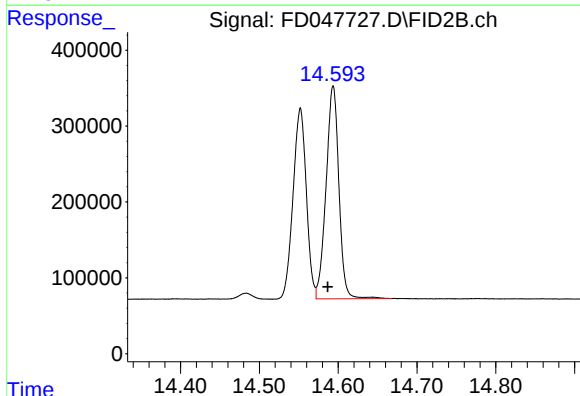
R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 3339064
Conc: 20.52 ug/ml

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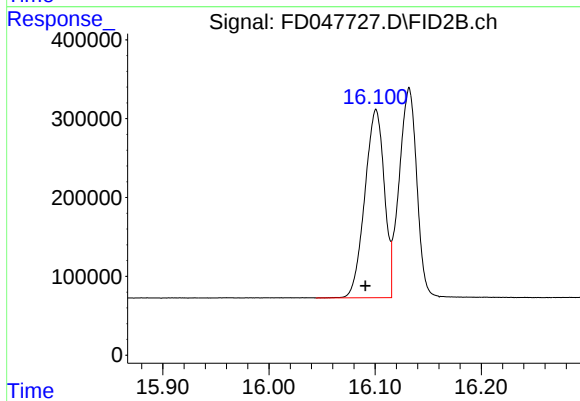
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.005 min
Response: 2943858
Conc: 20.17 ug/ml



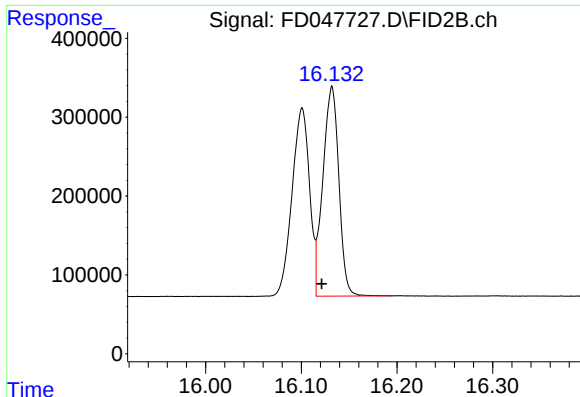
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 3183113
Conc: 20.20 ug/ml



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

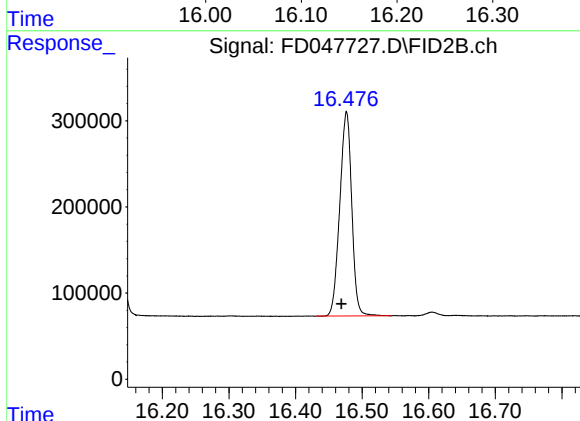
R.T.: 16.101 min
Delta R.T.: 0.010 min
Response: 3043214
Conc: 20.38 ug/ml



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

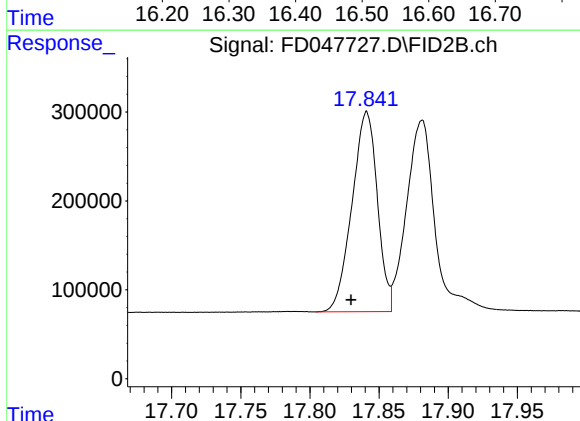
R.T.: 16.132 min
Delta R.T.: 0.010 min
Response: 3073679
Conc: 20.42 ug/ml

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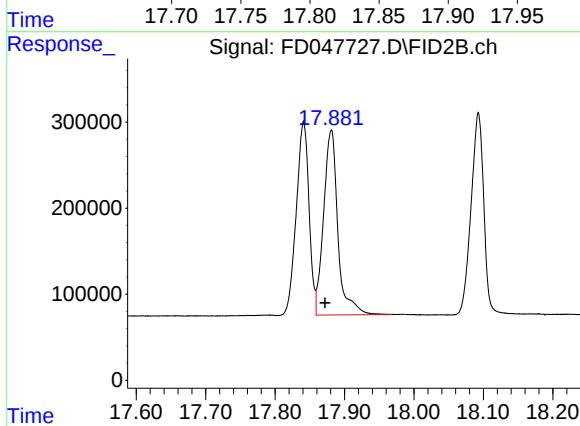
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.007 min
Response: 2962025
Conc: 20.53 ug/ml



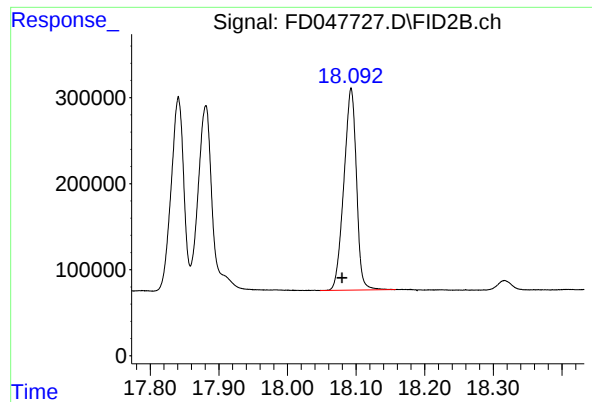
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.011 min
Response: 2869090
Conc: 21.14 ug/ml



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

R.T.: 17.881 min
Delta R.T.: 0.008 min
Response: 3077722
Conc: 21.50 ug/ml



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

R.T.: 18.093 min
Delta R.T.: 0.013 min
Response: 2980240
Conc: 21.71 ug/ml

Instrument :

FID_D

ClientSampleId :

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