

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD047002.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 16:41
 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: Dec 07 00:05:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.474	3549823	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.327	2325399	21.385 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.77%
11) S ortho-Terphenyl (SURR)	11.364	4242843	21.321 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3629980	19.509 ug/ml
2) T Naphthalene (C11.7)	5.814	3825372	20.088 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	3894231	20.222 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3581372	20.574 ug/ml
7) T Acenaphthene (C15.5)	8.426	3840732	20.710 ug/ml
8) T Flouorene (C16.55)	9.204	3685538	21.351 ug/ml
9) T Phenanthrene (C19.36)	10.592	3522327	21.453 ug/ml
10) T Anthracene (C19.43)	10.667	3231443	20.896 ug/ml
12) T Fluoranthene (C21.85)	12.396	3468624	21.885 ug/ml
13) T Pyrene (C20.8)	12.689	3384655	22.122 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2833211	21.851 ug/ml
15) T Chrysene (C27.41)	14.595	3071178	21.427 ug/ml
16) T benzo[b]fluoranthene ...	16.095	2913253	21.811 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3002378	21.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2783375	21.246 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2393631	20.060 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	2787919	21.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2609926	19.947 ug/ml

(f)=RT Delta > 1/2 Window

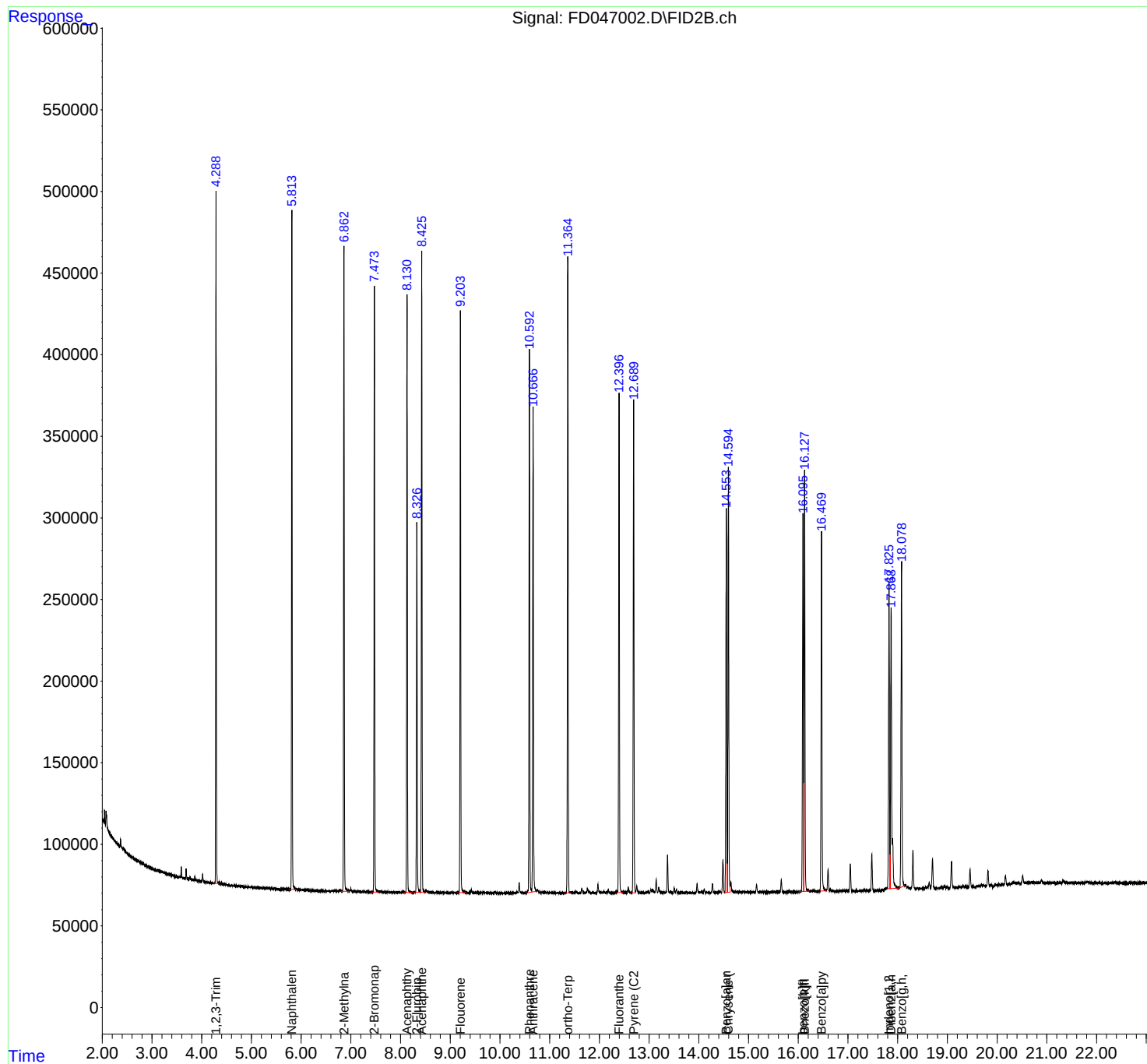
(m)=manual int.

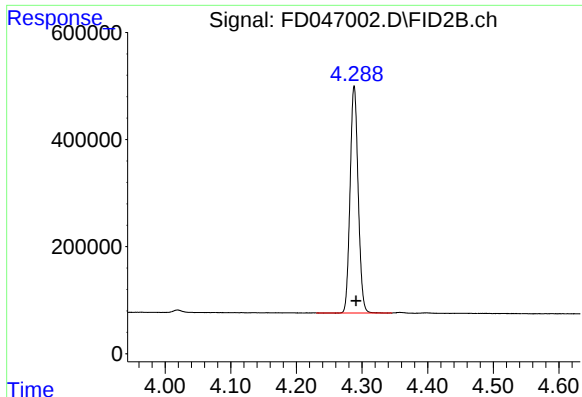
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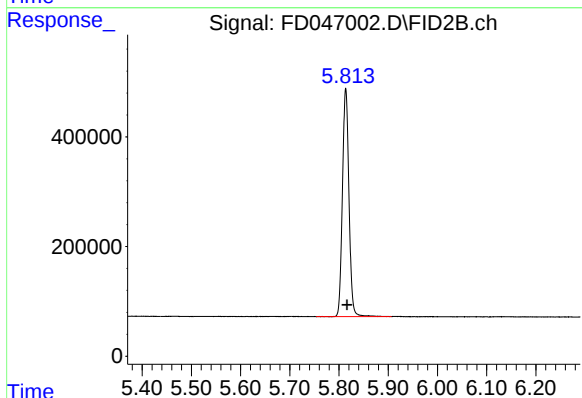




#1 1,2,3-Trimethylbenzene (C10.1)

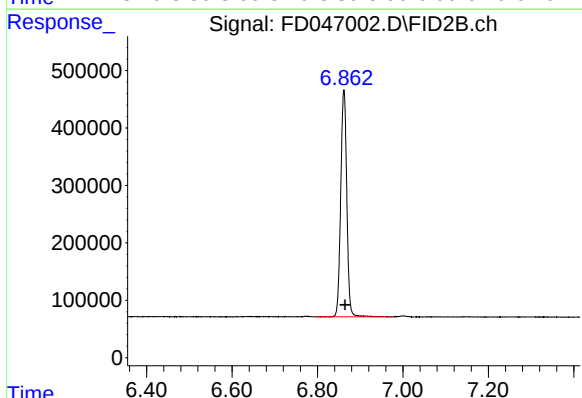
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 3629980
Conc: 19.51 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



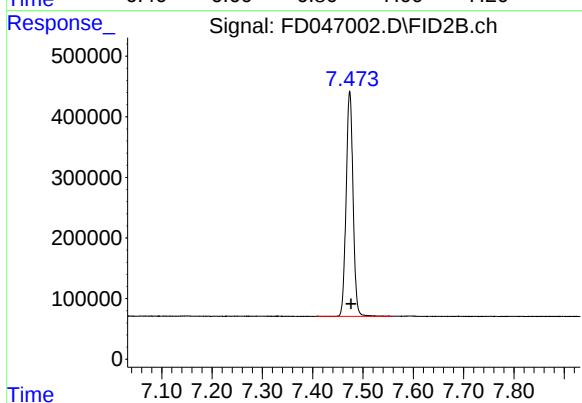
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 3825372
Conc: 20.09 ug/ml



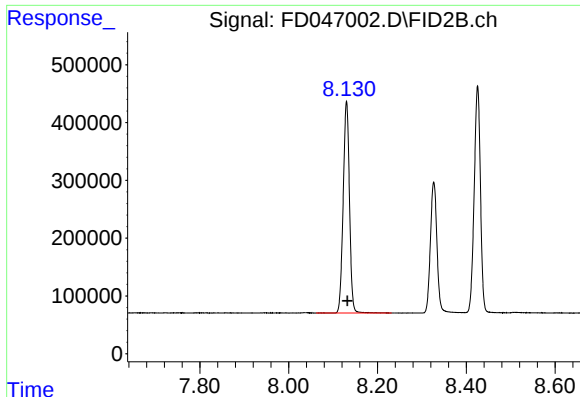
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 3894231
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

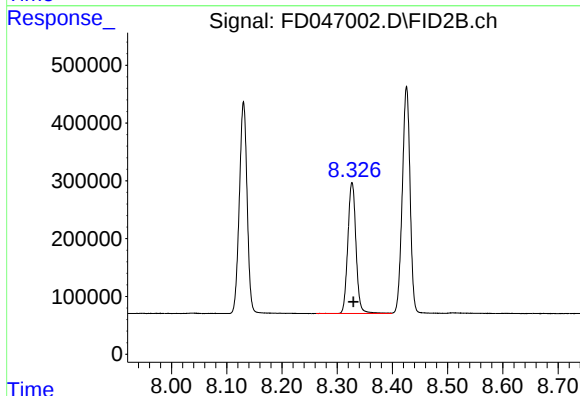
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 3549823
Conc: 20.52 ug/ml



#5 Acenaphthylene (C15.06)

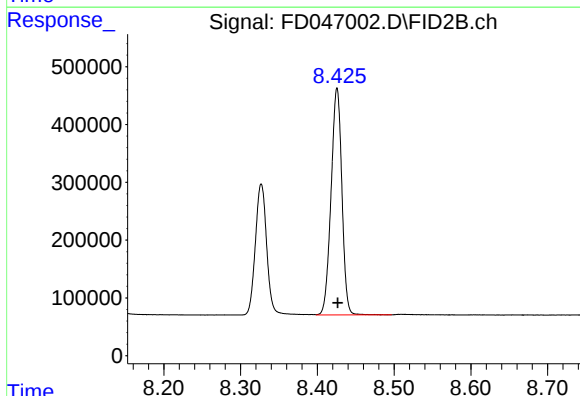
R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 3581372
Conc: 20.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



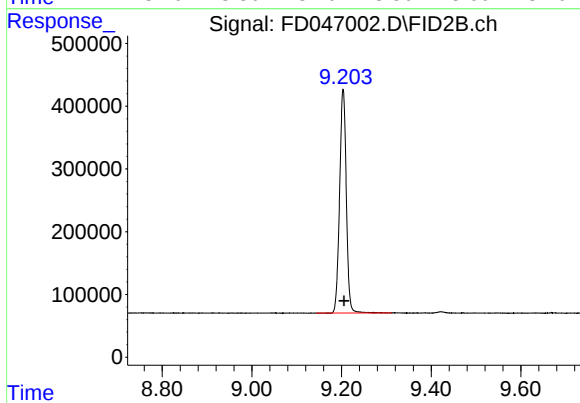
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.327 min
Delta R.T.: -0.003 min
Response: 2325399
Conc: 21.38 ug/ml



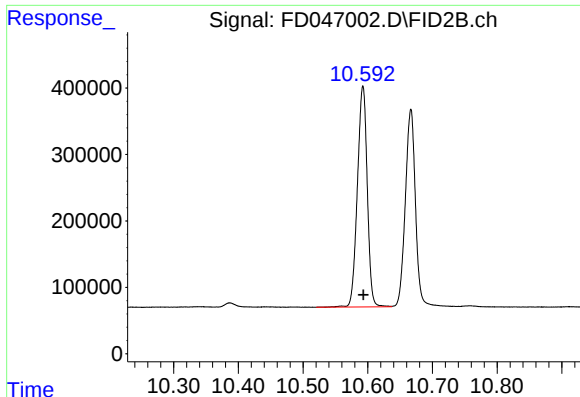
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 3840732
Conc: 20.71 ug/ml



#8 Fluorene (C16.55)

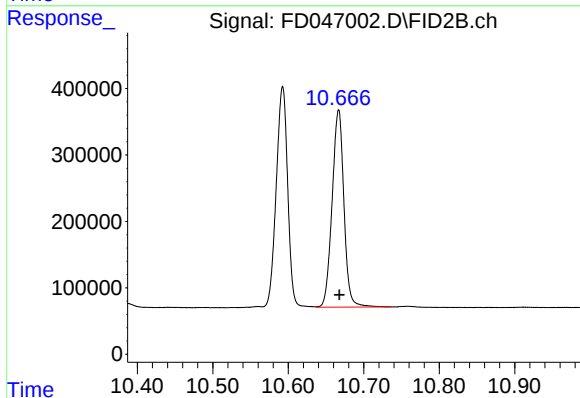
R.T.: 9.204 min
Delta R.T.: -0.002 min
Response: 3685538
Conc: 21.35 ug/ml



#9 Phenanthrene (C19.36)

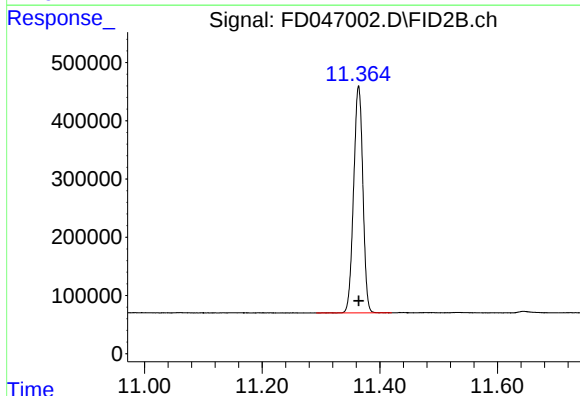
R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 3522327
Conc: 21.45 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



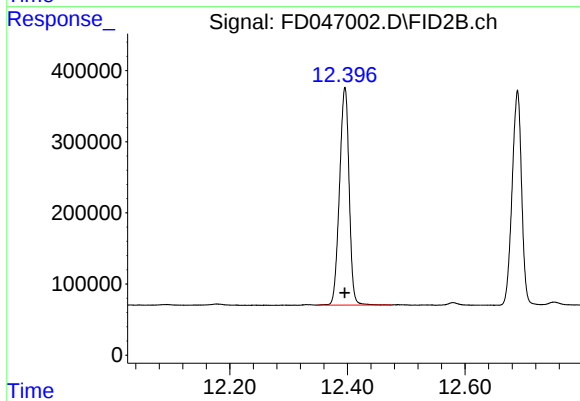
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: -0.001 min
Response: 3231443
Conc: 20.90 ug/ml



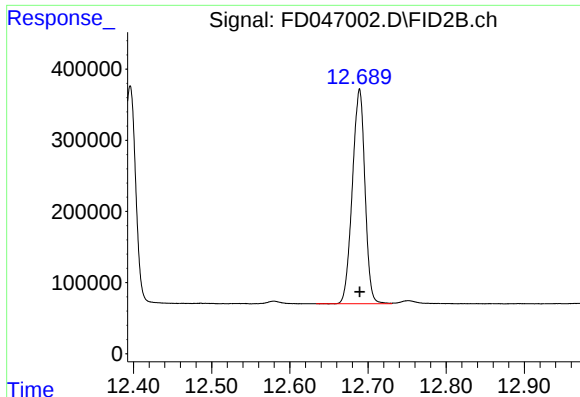
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: 0.000 min
Response: 4242843
Conc: 21.32 ug/ml



#12 Fluoranthene (C21.85)

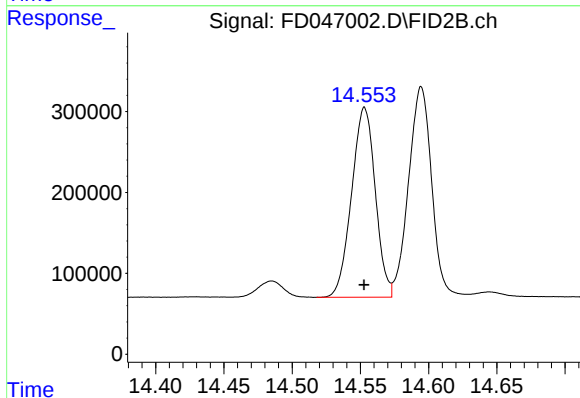
R.T.: 12.396 min
Delta R.T.: 0.000 min
Response: 3468624
Conc: 21.88 ug/ml



#13 Pyrene (C20.8)

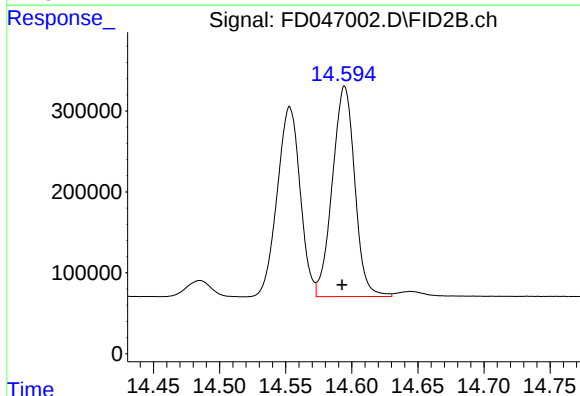
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3384655
Conc: 22.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



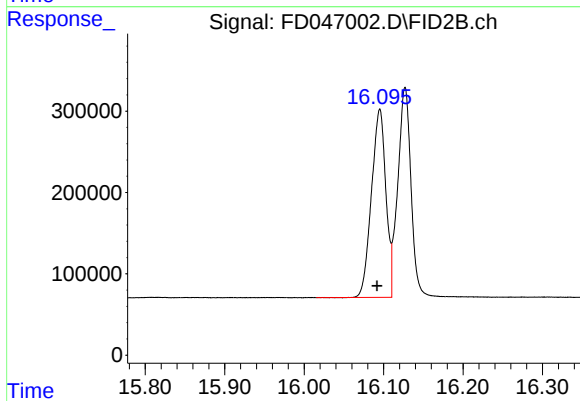
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 2833211
Conc: 21.85 ug/ml



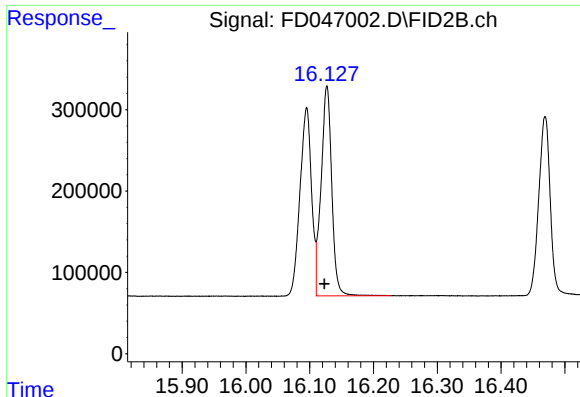
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 3071178
Conc: 21.43 ug/ml



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

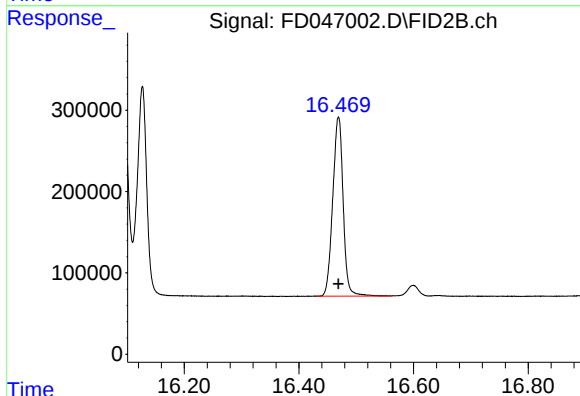
R.T.: 16.095 min
Delta R.T.: 0.003 min
Response: 2913253
Conc: 21.81 ug/ml



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

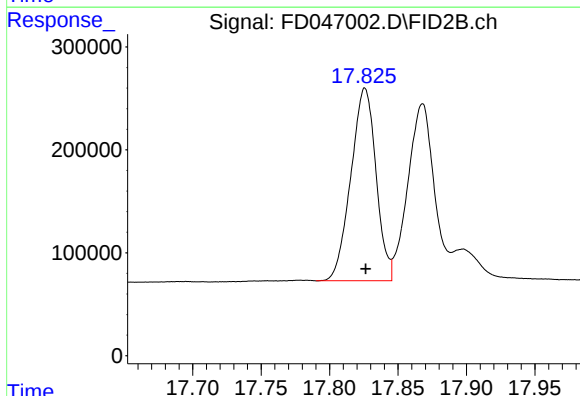
R.T.: 16.127 min
Delta R.T.: 0.004 min
Response: 3002378
Conc: 21.98 ug/ml

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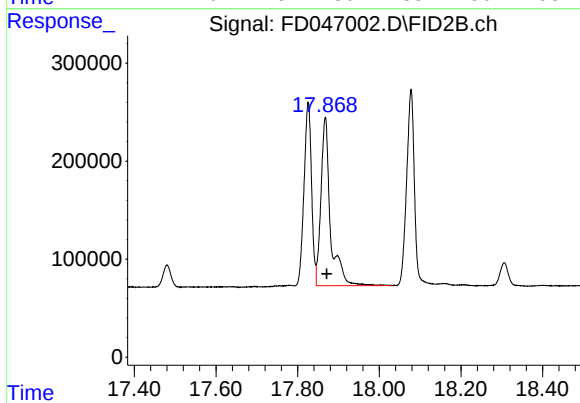
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2783375
Conc: 21.25 ug/ml



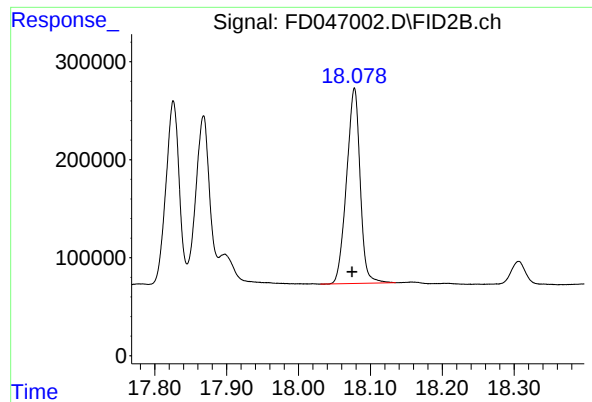
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: 0.000 min
Response: 2393631
Conc: 20.06 ug/ml



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

R.T.: 17.868 min
Delta R.T.: -0.004 min
Response: 2787919
Conc: 21.46 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.003 min
Response: 2609926
Conc: 19.95 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD