

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044536.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 22:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 29 00:32:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.683	2597209	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
6) S 2-Fluorobiphenyl (SURR)	8.542	1763170	19.964 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.93%
11) S ortho-Terphenyl (SURR)	11.574	3257481	20.016 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	2864984	20.076 ug/ml
2) T Naphthalene (C11.7)	6.030	3028299	20.141 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	3026611	20.032 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2774031	19.955 ug/ml
7) T Acenaphthene (C15.5)	8.641	2928145	19.953 ug/ml
8) T Flouorene (C16.55)	9.418	2886162	20.017 ug/ml
9) T Phenanthrene (C19.36)	10.808	2848256	19.973 ug/ml
10) T Anthracene (C19.43)	10.882	2774067	19.967 ug/ml
12) T Fluoranthene (C21.85)	12.611	2848321	19.980 ug/ml
13) T Pyrene (C20.8)	12.907	2783108	19.998 ug/ml
14) T Benzo[a]anthracene (C...	14.768	2579964	19.939 ug/ml
15) T Chrysene (C27.41)	14.810	2687935	19.938 ug/ml
16) T benzo[b]fluoranthene ...	16.309	2631970	19.997 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	2604673	20.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.684	2581278	19.973 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2518583	19.761 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	2481246	19.720 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	2559269	19.898 ug/ml

(f)=RT Delta > 1/2 Window

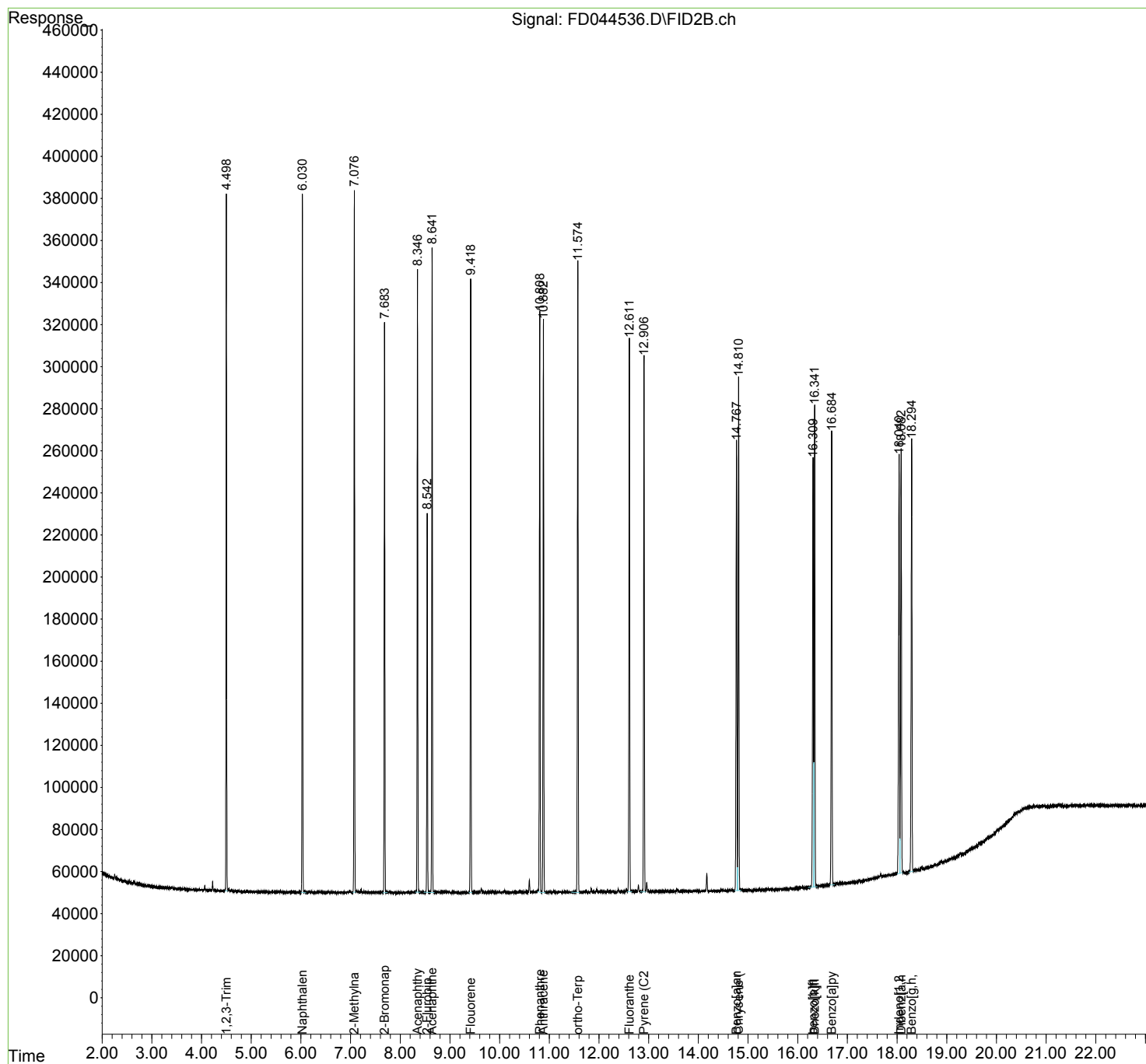
(m)=manual int.

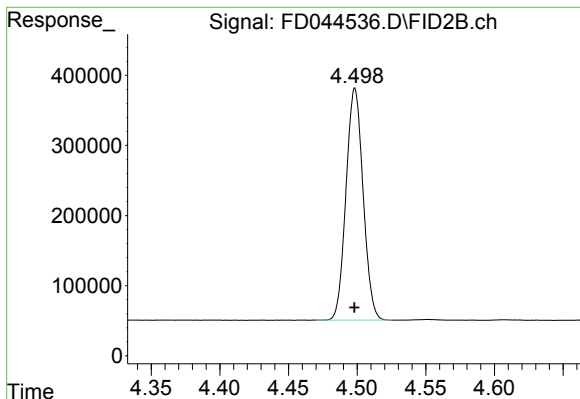
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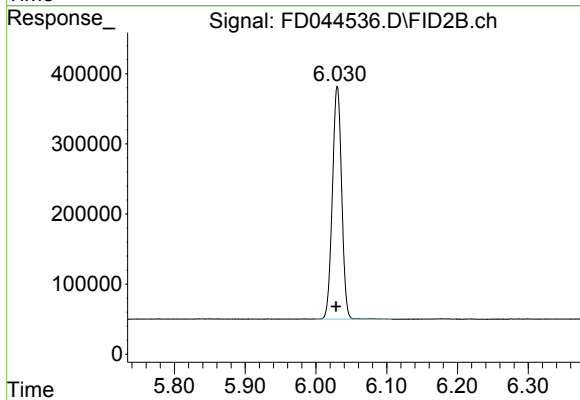




#1 1,2,3-Trimethylbenzene (C10.1)

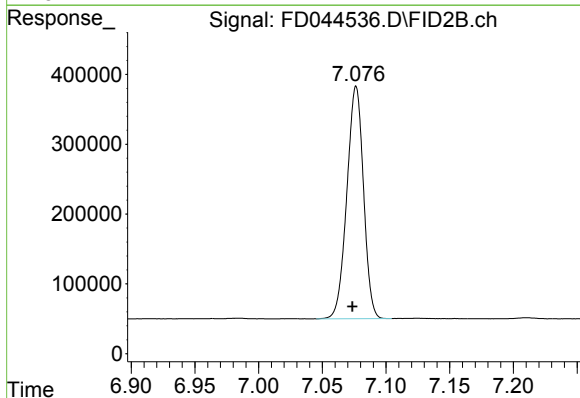
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 2864984
Conc: 20.08 ug/ml

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20 PPM AROMATIC HC STD



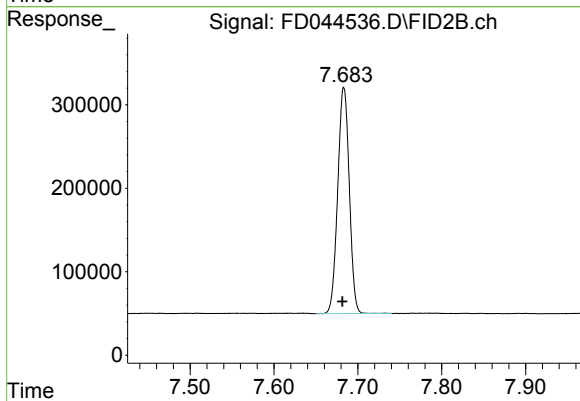
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 3028299
Conc: 20.14 ug/ml



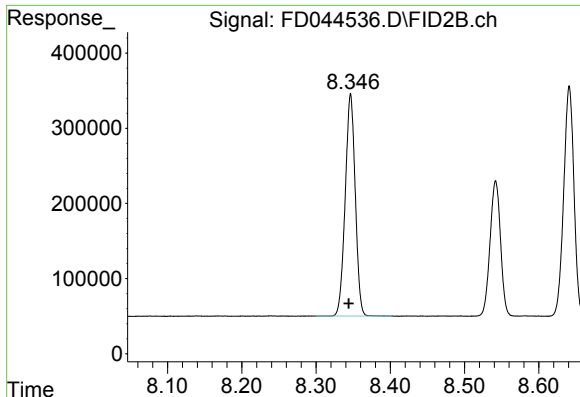
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.003 min
Response: 3026611
Conc: 20.03 ug/ml



#4 2-Bromonaphthalene (SURR)

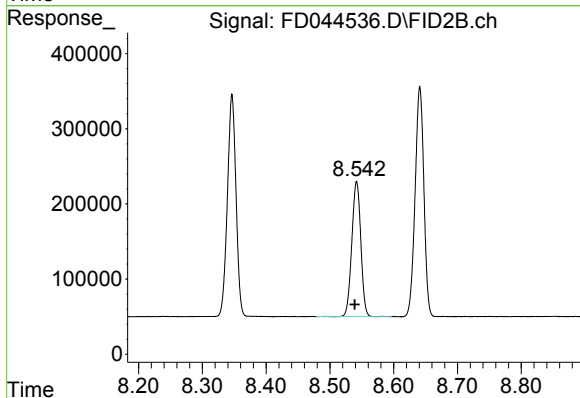
R.T.: 7.683 min
Delta R.T.: 0.002 min
Response: 2597209
Conc: 20.01 ug/ml



#5 Acenaphthylene (C15.06)

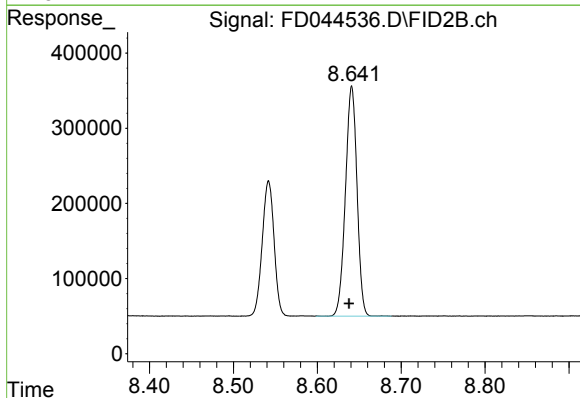
R.T.: 8.347 min
Delta R.T.: 0.003 min
Response: 2774031
Conc: 19.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



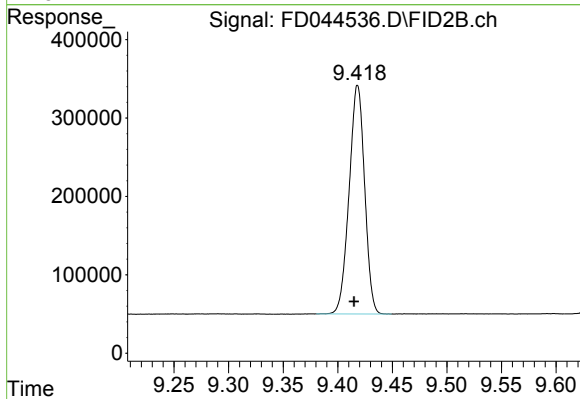
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.542 min
Delta R.T.: 0.003 min
Response: 1763170
Conc: 19.96 ug/ml



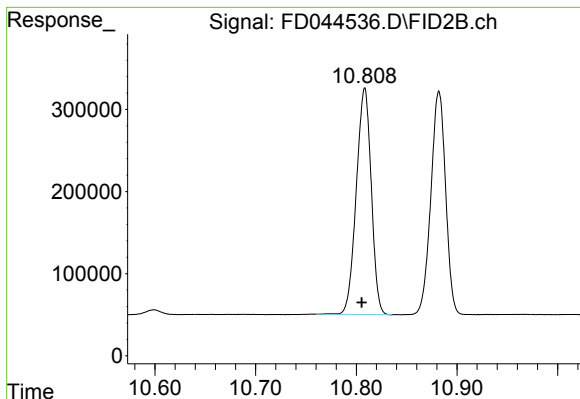
#7 Acenaphthene (C15.5)

R.T.: 8.641 min
Delta R.T.: 0.003 min
Response: 2928145
Conc: 19.95 ug/ml



#8 Fluorene (C16.55)

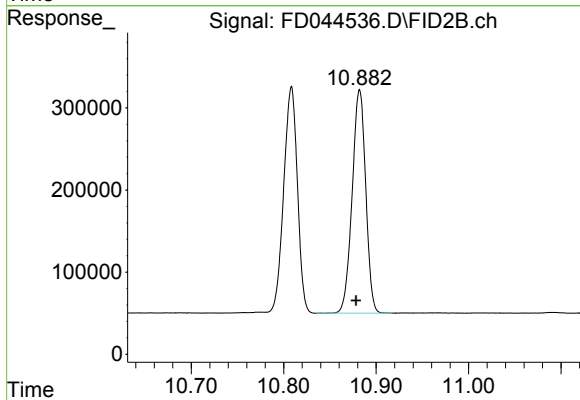
R.T.: 9.418 min
Delta R.T.: 0.003 min
Response: 2886162
Conc: 20.02 ug/ml



#9 Phenanthrene (C19.36)

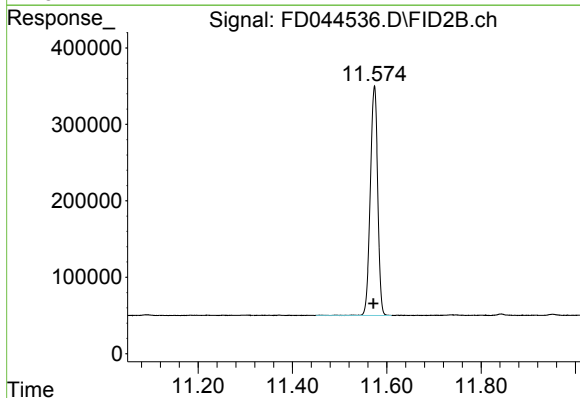
R.T.: 10.808 min
Delta R.T.: 0.003 min
Response: 2848256
Conc: 19.97 ug/ml

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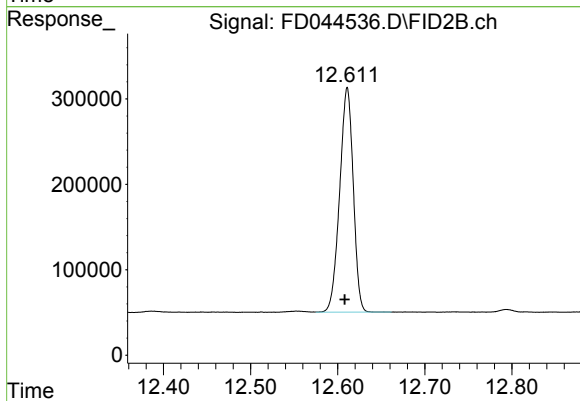
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: 0.004 min
Response: 2774067
Conc: 19.97 ug/ml



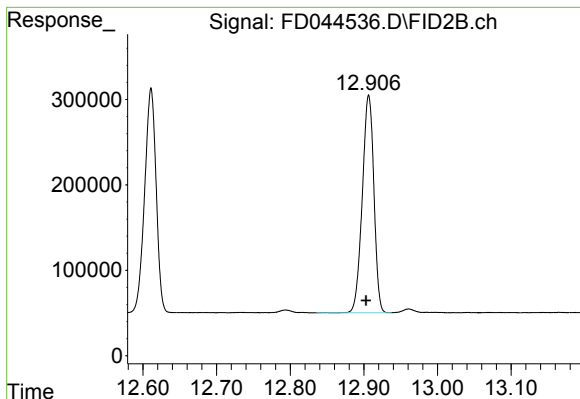
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: 0.002 min
Response: 3257481
Conc: 20.02 ug/ml



#12 Fluoranthene (C21.85)

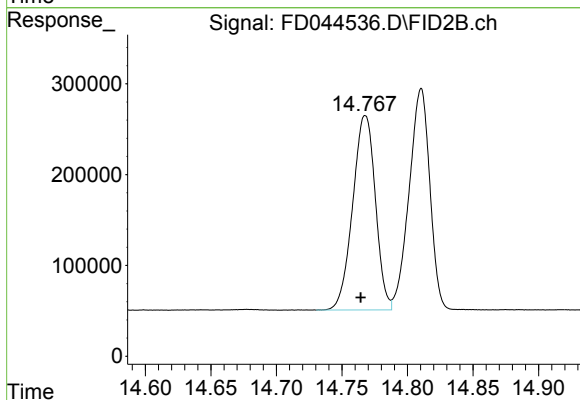
R.T.: 12.611 min
Delta R.T.: 0.003 min
Response: 2848321
Conc: 19.98 ug/ml



#13 Pyrene (C20.8)

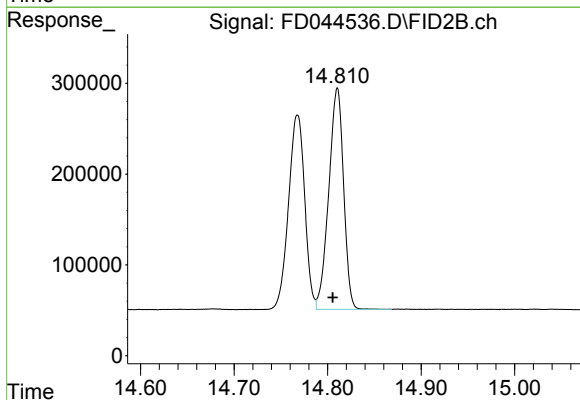
R.T.: 12.907 min
Delta R.T.: 0.003 min
Response: 2783108
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



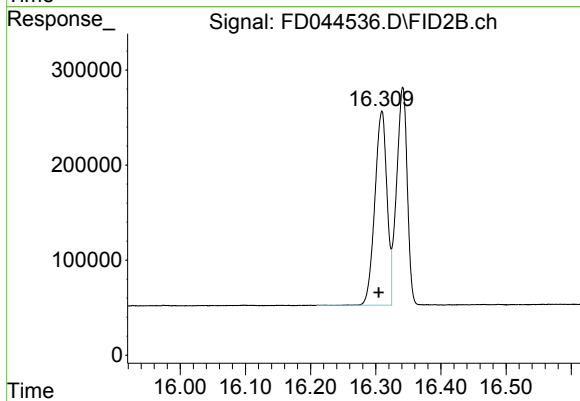
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: 0.004 min
Response: 2579964
Conc: 19.94 ug/ml



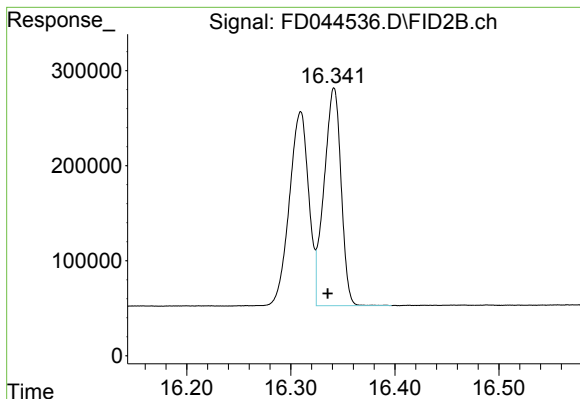
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.005 min
Response: 2687935
Conc: 19.94 ug/ml



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

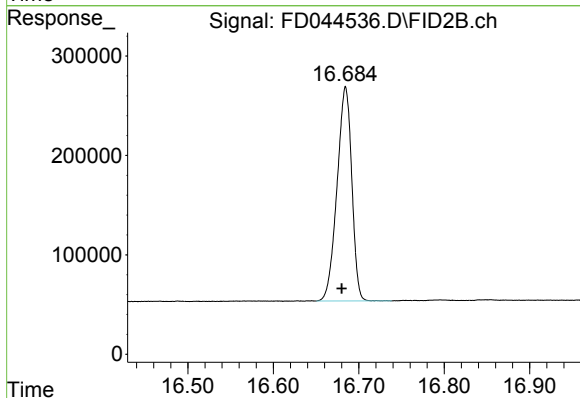
R.T.: 16.309 min
Delta R.T.: 0.004 min
Response: 2631970
Conc: 20.00 ug/ml



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

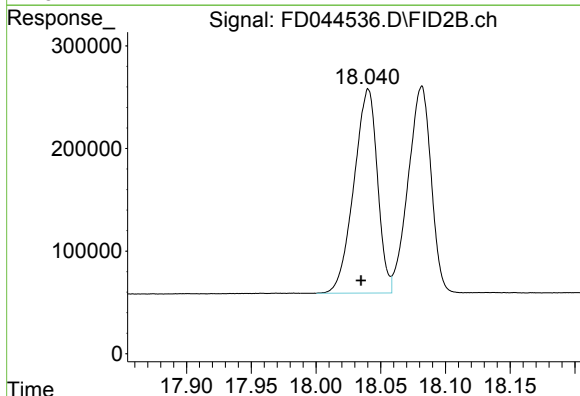
R.T.: 16.341 min
Delta R.T.: 0.006 min
Response: 2604673
Conc: 20.00 ug/ml

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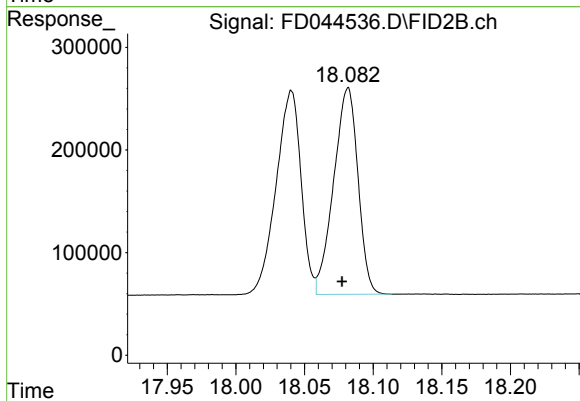
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min
Delta R.T.: 0.004 min
Response: 2581278
Conc: 19.97 ug/ml



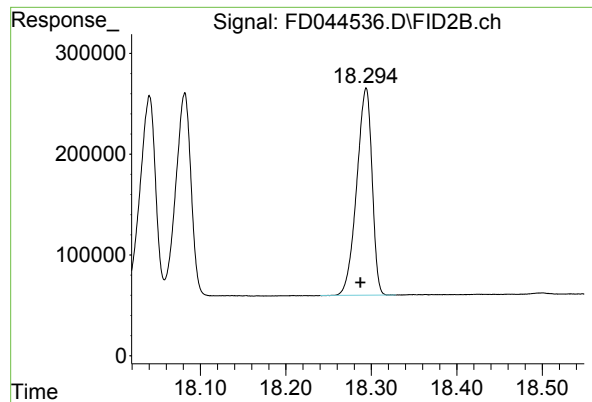
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.005 min
Response: 2518583
Conc: 19.76 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.004 min
Response: 2481246
Conc: 19.72 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.006 min
Response: 2559269
Conc: 19.90 ug/ml

Instrument :

FID_D

ClientSampleId :

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