

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110223AR\
 Data File : FD046835.D
 Signal(s) : FID2B.ch
 Acq On : 02 Nov 2023 19:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 02 23:06:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.483	3555298	19.495 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
6) S 2-Fluorobiphenyl (SURR)	8.336	2309754	19.627 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.25%
11) S ortho-Terphenyl (SURR)	11.372	4201104	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	3719842	19.261 ug/ml
2) T Naphthalene (C11.7)	5.823	3879494	19.374 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	3916028	19.484 ug/ml
5) T Acenaphthylene (C15.06)	8.140	3590725	19.522 ug/ml
7) T Acenaphthene (C15.5)	8.435	3848262	19.645 ug/ml
8) T Flouorene (C16.55)	9.213	3665553	19.817 ug/ml
9) T Phenanthrene (C19.36)	10.601	3546353	19.934 ug/ml
10) T Anthracene (C19.43)	10.675	3189793	18.717 ug/ml
12) T Fluoranthene (C21.85)	12.403	3452736	19.992 ug/ml
13) T Pyrene (C20.8)	12.697	3352715	20.163 ug/ml
14) T Benzo[a]anthracene (C...	14.560	2802922	19.922 ug/ml
15) T Chrysene (C27.41)	14.601	3085651	19.785 ug/ml
16) T benzo[b]fluoranthene ...	16.100	2845422	19.881 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	2876887	19.650 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	2734152	19.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	2410814	19.084 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	2599342	18.606 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	2649345	18.975 ug/ml

(f)=RT Delta > 1/2 Window

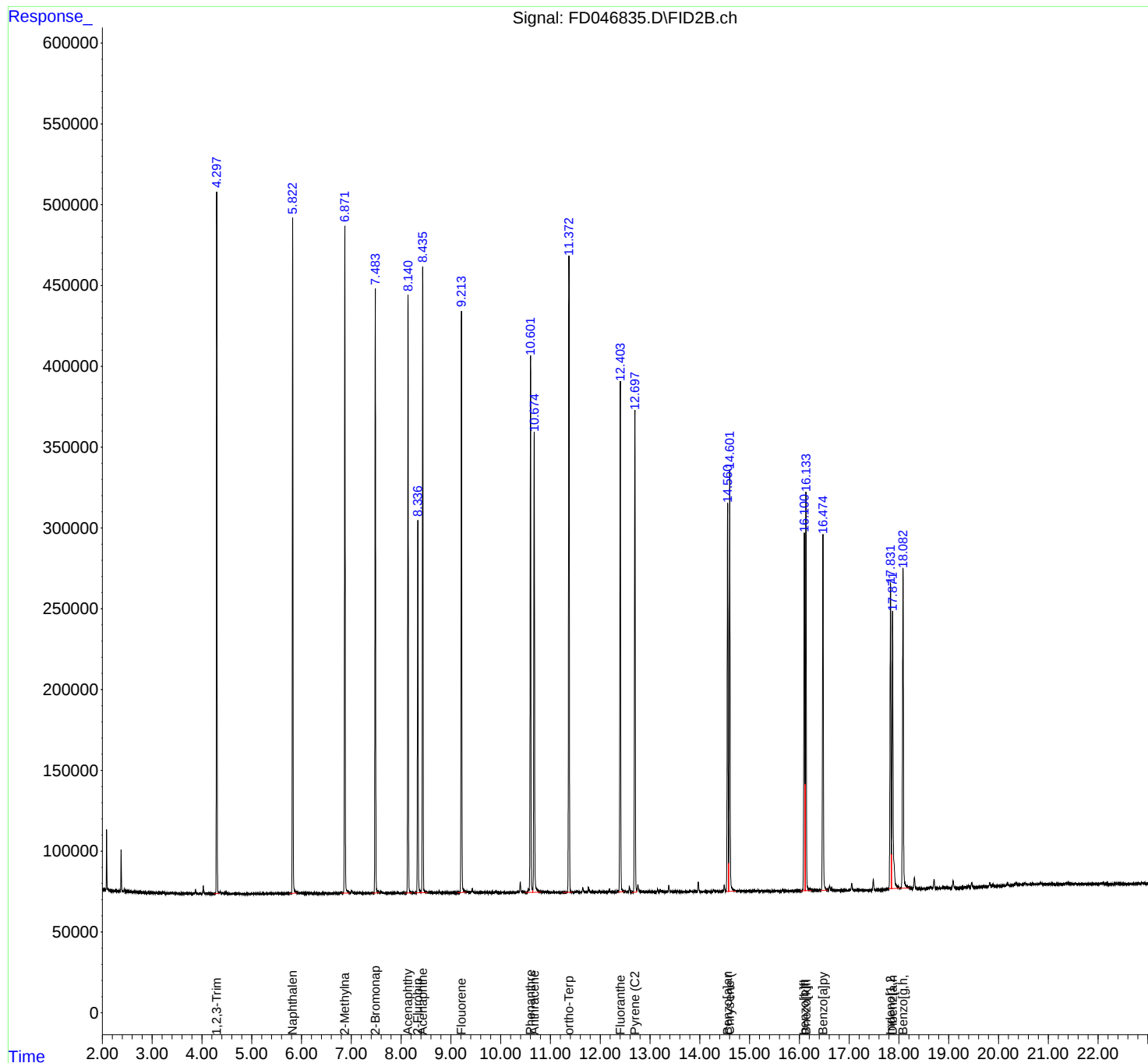
(m)=manual int.

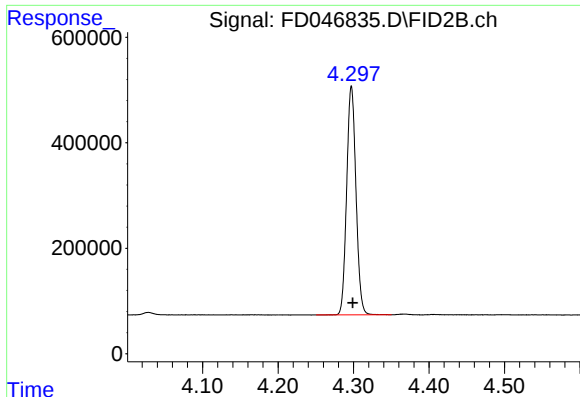
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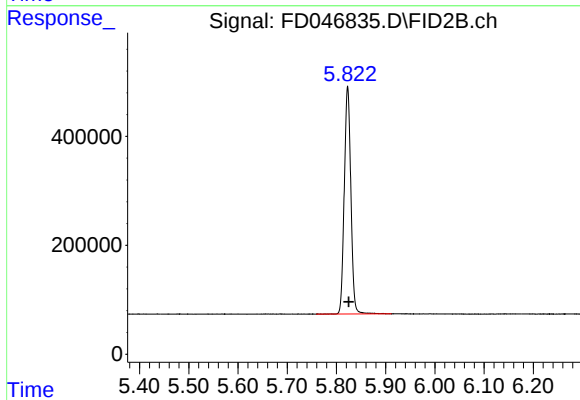




#1 1,2,3-Trimethylbenzene (C10.1)

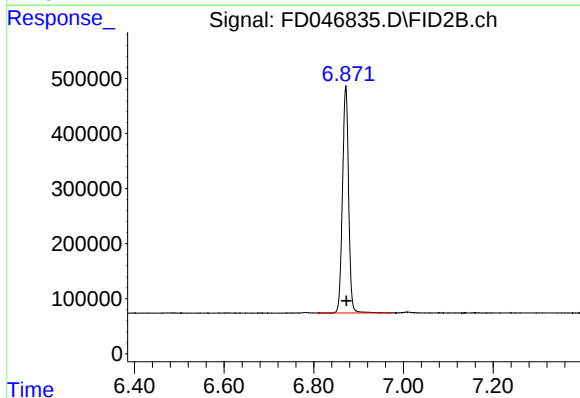
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 3719842
Conc: 19.26 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



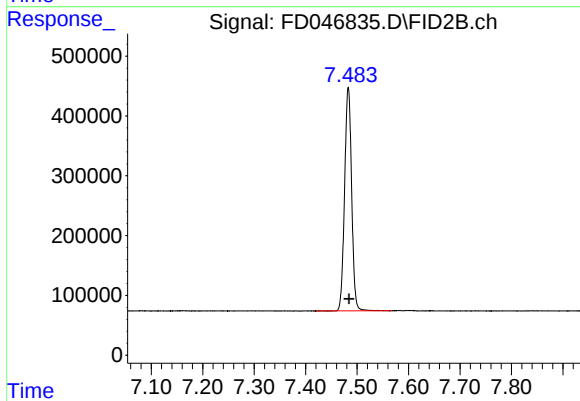
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 3879494
Conc: 19.37 ug/ml



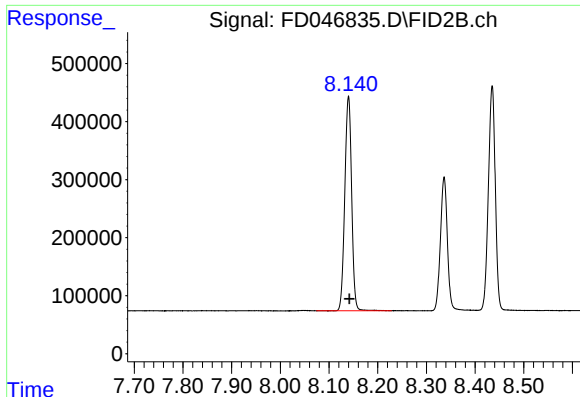
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 3916028
Conc: 19.48 ug/ml



#4 2-Bromonaphthalene (SURR)

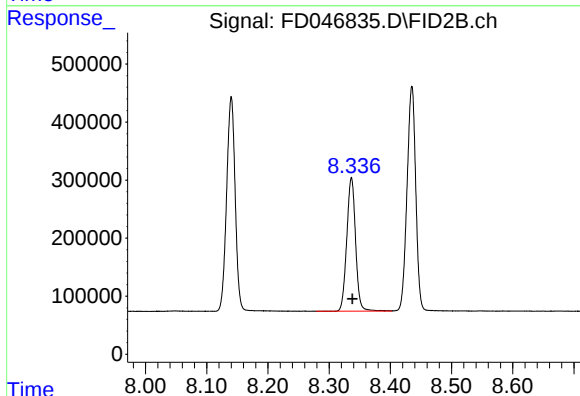
R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 3555298
Conc: 19.49 ug/ml



#5 Acenaphthylene (C15.06)

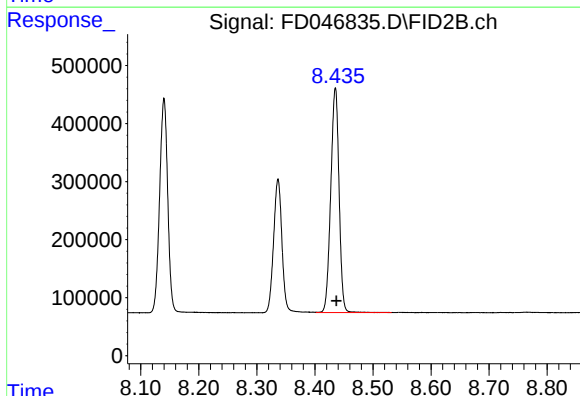
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 3590725
Conc: 19.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



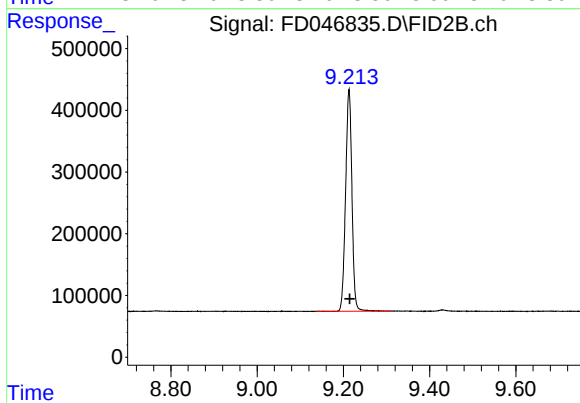
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 2309754
Conc: 19.63 ug/ml



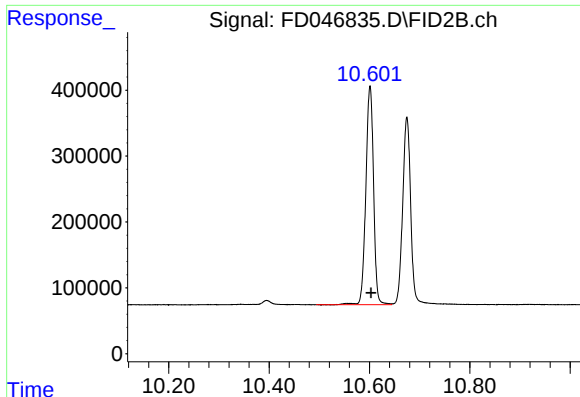
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 3848262
Conc: 19.65 ug/ml



#8 Flouorene (C16.55)

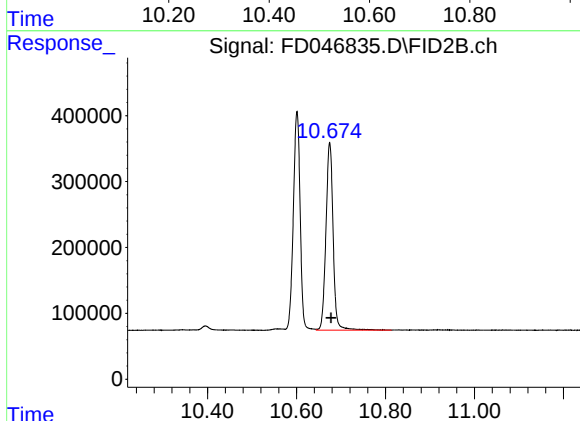
R.T.: 9.213 min
Delta R.T.: -0.002 min
Response: 3665553
Conc: 19.82 ug/ml



#9 Phenanthrene (C19.36)

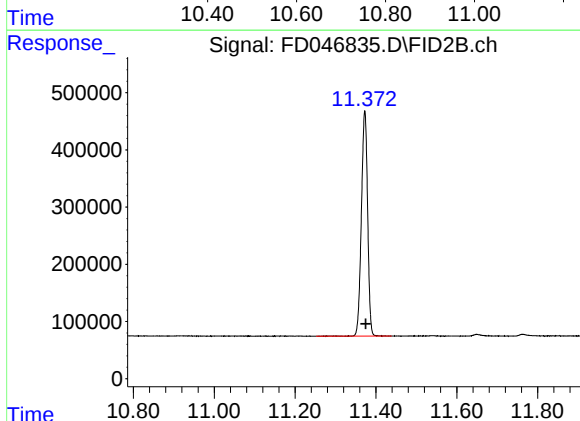
R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 3546353
Conc: 19.93 ug/ml

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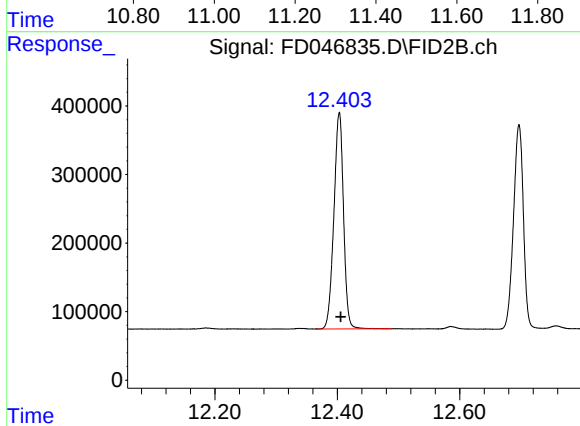
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 3189793
Conc: 18.72 ug/ml



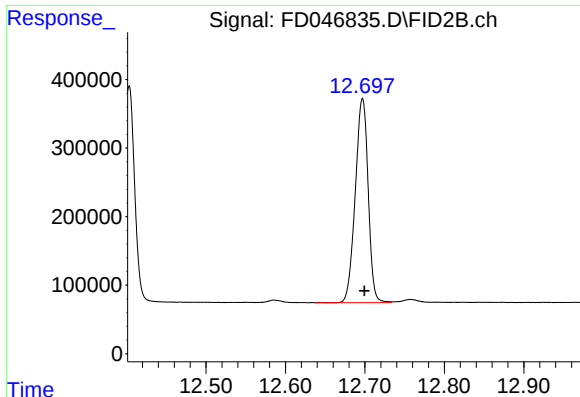
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.003 min
Response: 4201104
Conc: 19.84 ug/ml



#12 Fluoranthene (C21.85)

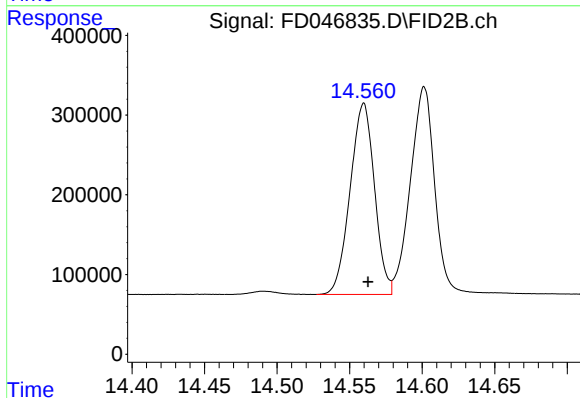
R.T.: 12.403 min
Delta R.T.: -0.003 min
Response: 3452736
Conc: 19.99 ug/ml



#13 Pyrene (C20.8)

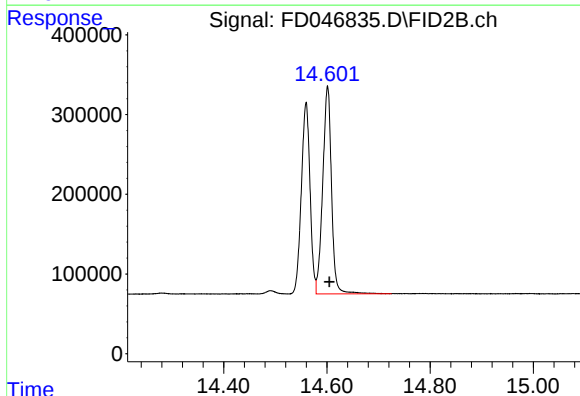
R.T.: 12.697 min
Delta R.T.: -0.002 min
Response: 3352715
Conc: 20.16 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



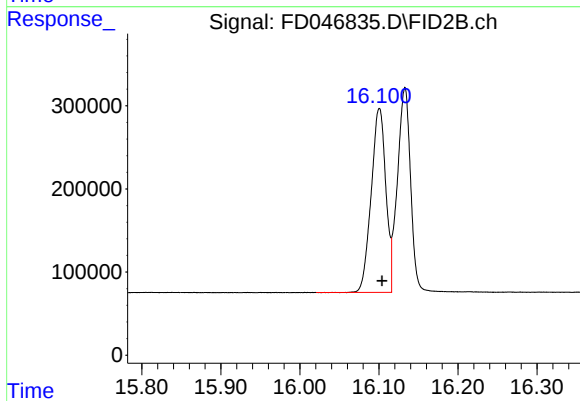
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 2802922
Conc: 19.92 ug/ml



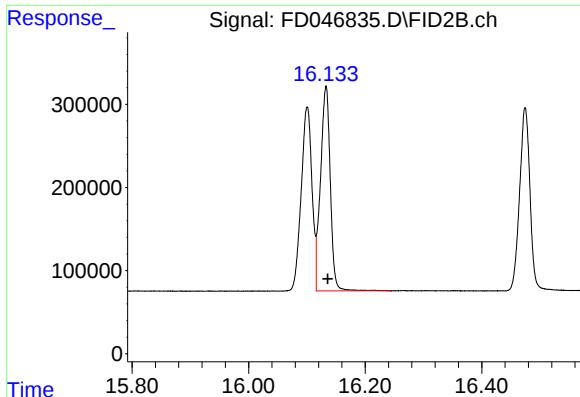
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: -0.004 min
Response: 3085651
Conc: 19.79 ug/ml



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

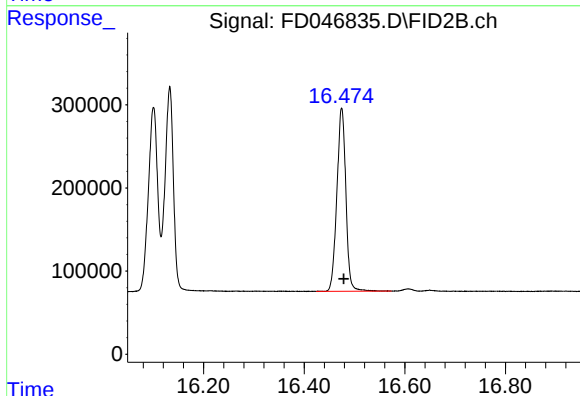
R.T.: 16.100 min
Delta R.T.: -0.003 min
Response: 2845422
Conc: 19.88 ug/ml



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

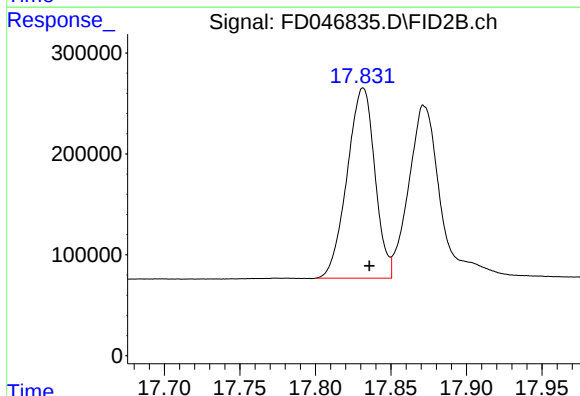
R.T.: 16.133 min
Delta R.T.: -0.003 min
Response: 2876887
Conc: 19.65 ug/ml

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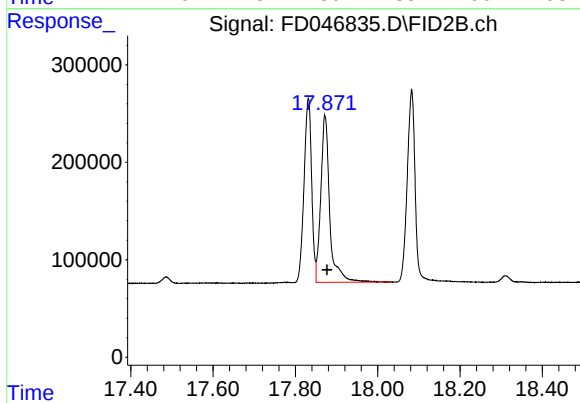
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 2734152
Conc: 19.51 ug/ml



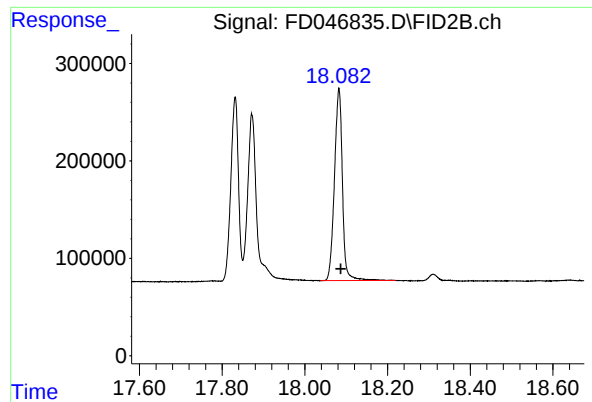
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: -0.005 min
Response: 2410814
Conc: 19.08 ug/ml



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

R.T.: 17.872 min
Delta R.T.: -0.005 min
Response: 2599342
Conc: 18.61 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 2649345
Conc: 18.97 ug/ml

Instrument :

FID_D

ClientSampleId :

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