

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD046992.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 08:12
 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 06 13:17:15 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	3768968	21.785 ug/ml
Spiked Amount 50.000		Recovery =	43.57%
6) S 2-Fluorobiphenyl (SURR)	8.327	2440342	22.442 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.88%
11) S ortho-Terphenyl (SURR)	11.365	4565479	22.943 ug/ml
Spiked Amount 50.000		Recovery =	45.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3894716	20.932 ug/ml
2) T Naphthalene (C11.7)	5.814	4097926	21.519 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	4155010	21.576 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3835723	22.035 ug/ml
7) T Acenaphthene (C15.5)	8.425	4094848	22.080 ug/ml
8) T Flouorene (C16.55)	9.205	3857154	22.346 ug/ml
9) T Phenanthrene (C19.36)	10.593	3728132	22.707 ug/ml
10) T Anthracene (C19.43)	10.667	3381888	21.869 ug/ml
12) T Fluoranthene (C21.85)	12.396	3689580	23.279 ug/ml
13) T Pyrene (C20.8)	12.689	3599782	23.528 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2851865	21.995 ug/ml
15) T Chrysene (C27.41)	14.594	3135295	21.874 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3036976	22.737 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3144229	23.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2871519	21.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2358692	19.768 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	2621019	20.171 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	2706540	20.686 ug/ml

(f)=RT Delta > 1/2 Window

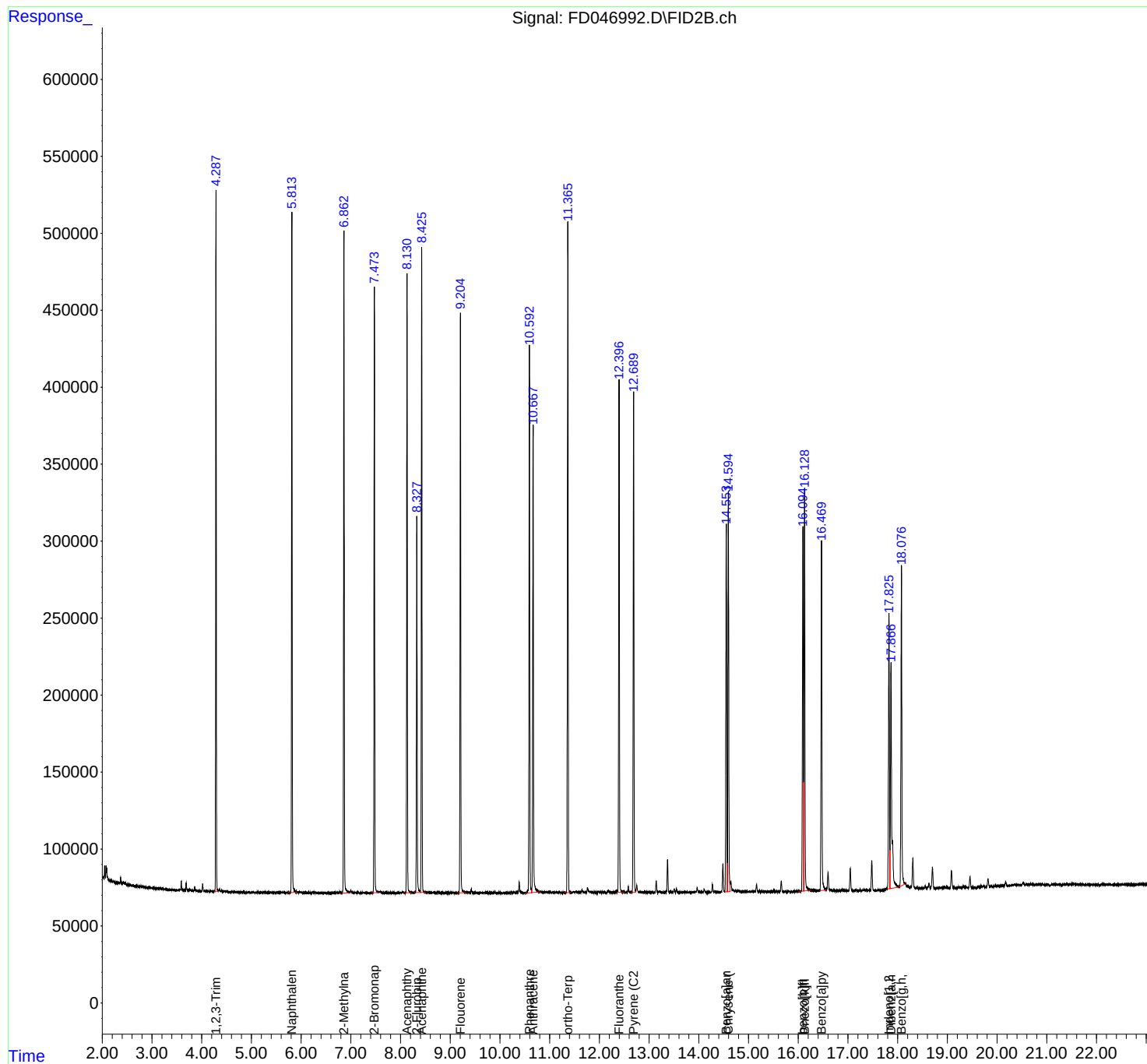
(m)=manual int.

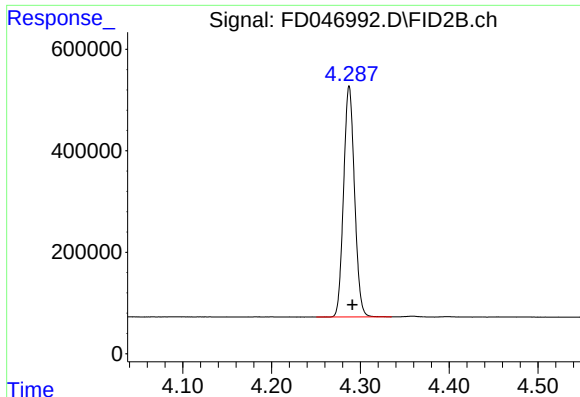
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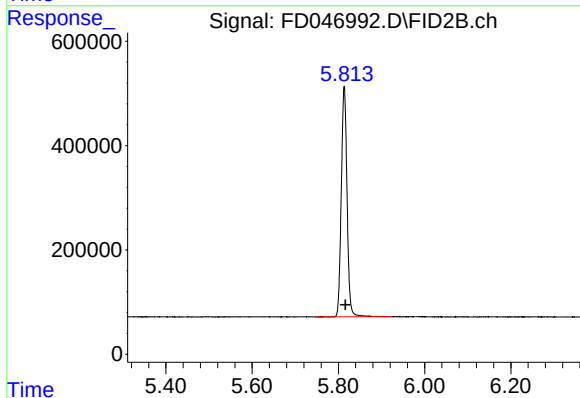




#1 1,2,3-Trimethylbenzene (C10.1)

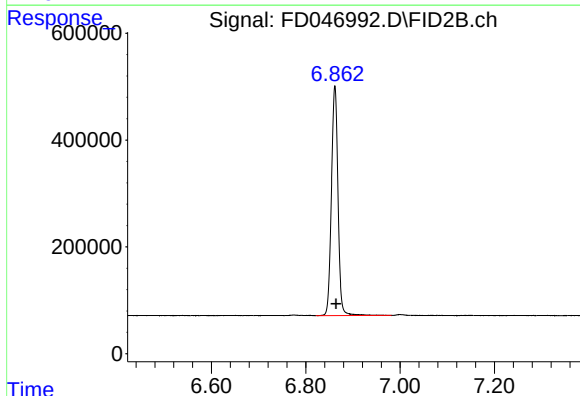
R.T.: 4.287 min
Delta R.T.: -0.004 min
Response: 3894716
Conc: 20.93 ug/ml

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20 PPM AROMATIC HC STD



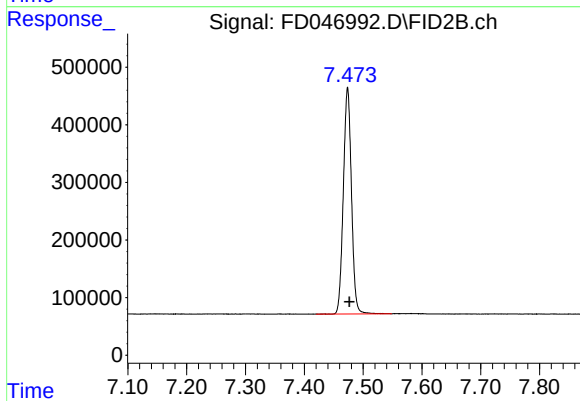
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 4097926
Conc: 21.52 ug/ml



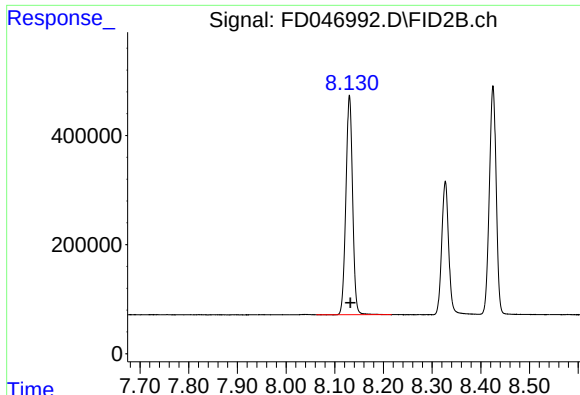
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 4155010
Conc: 21.58 ug/ml



#4 2-Bromonaphthalene (SURR)

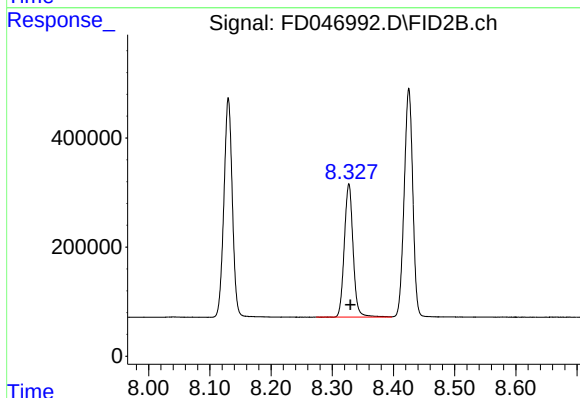
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 3768968
Conc: 21.79 ug/ml



#5 Acenaphthylene (C15.06)

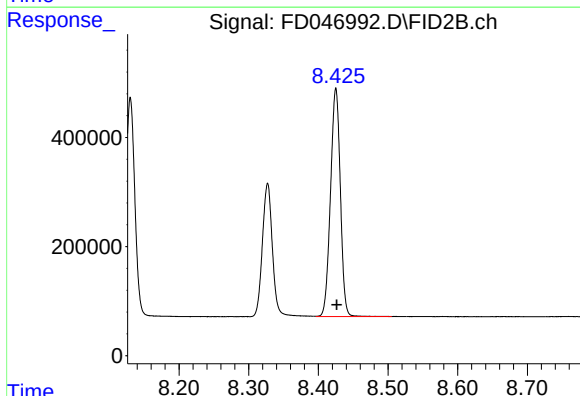
R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 3835723
Conc: 22.03 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



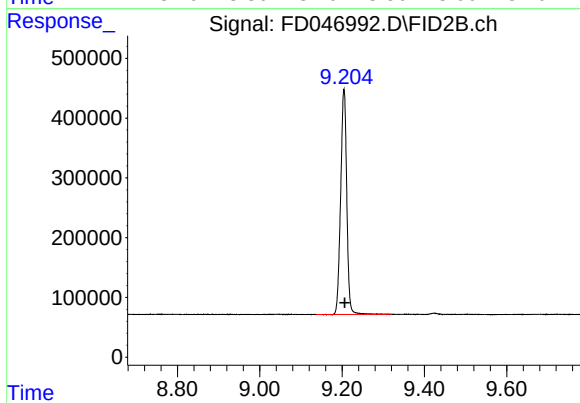
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.002 min
Response: 2440342
Conc: 22.44 ug/ml



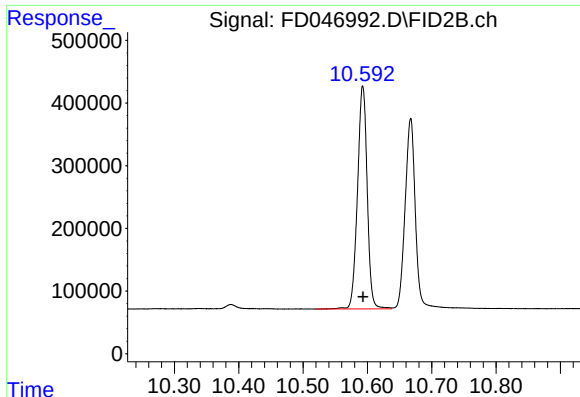
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.001 min
Response: 4094848
Conc: 22.08 ug/ml



#8 Fluorene (C16.55)

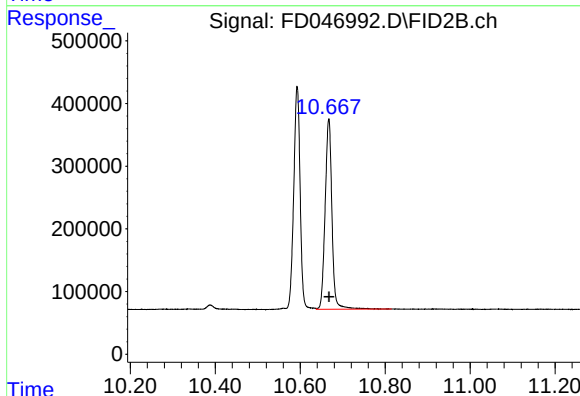
R.T.: 9.205 min
Delta R.T.: -0.001 min
Response: 3857154
Conc: 22.35 ug/ml



#9 Phenanthrene (C19.36)

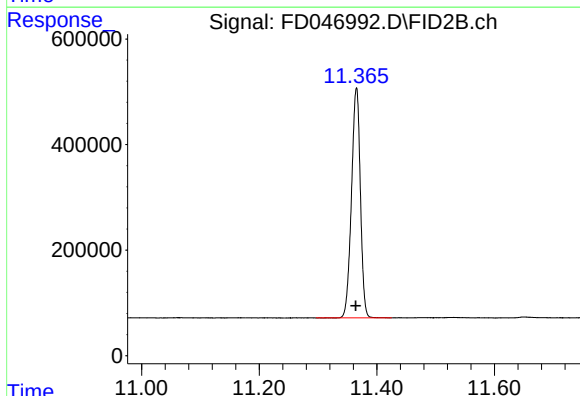
R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 3728132
Conc: 22.71 ug/ml

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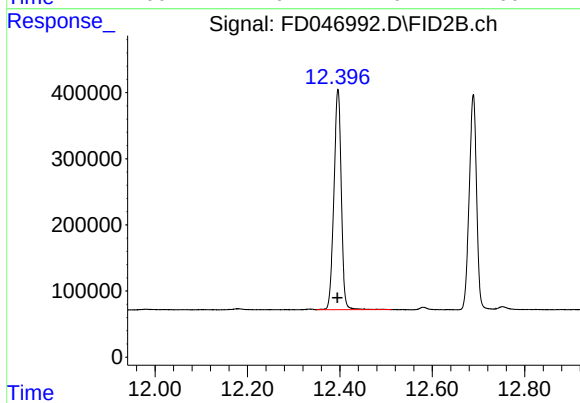
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 3381888
Conc: 21.87 ug/ml



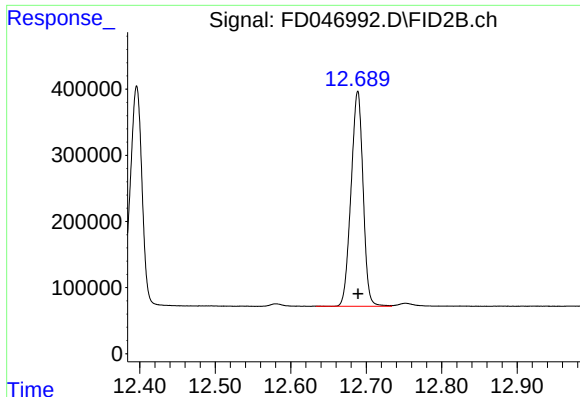
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 4565479
Conc: 22.94 ug/ml



#12 Fluoranthene (C21.85)

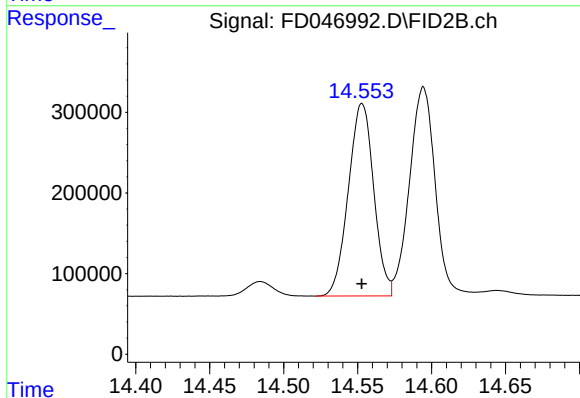
R.T.: 12.396 min
Delta R.T.: 0.000 min
Response: 3689580
Conc: 23.28 ug/ml



#13 Pyrene (C20.8)

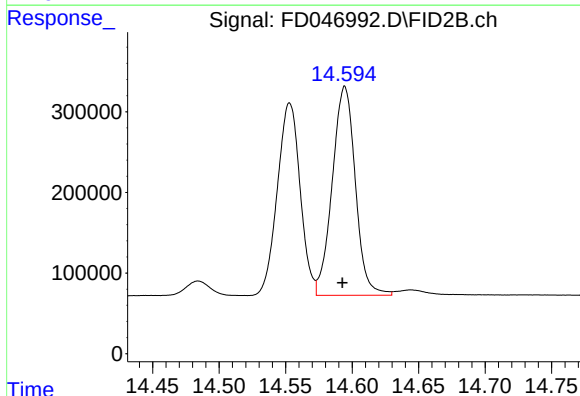
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3599782
Conc: 23.53 ug/ml

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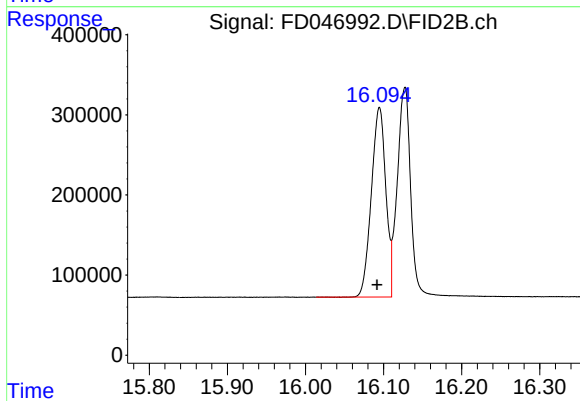
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 2851865
Conc: 21.99 ug/ml



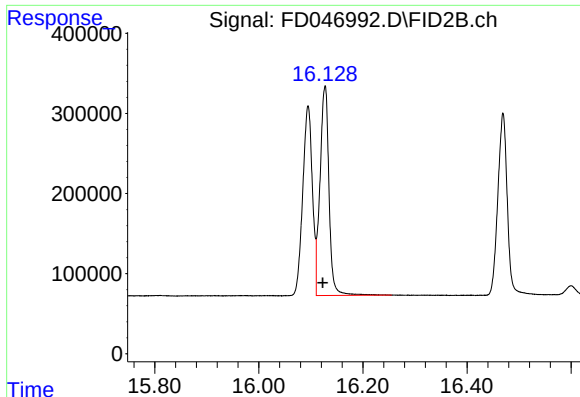
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.002 min
Response: 3135295
Conc: 21.87 ug/ml



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

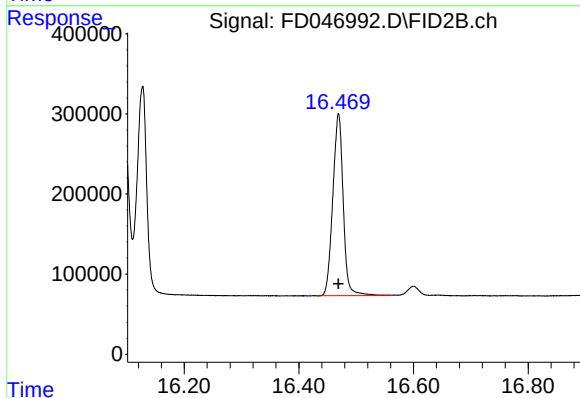
R.T.: 16.095 min
Delta R.T.: 0.003 min
Response: 3036976
Conc: 22.74 ug/ml



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

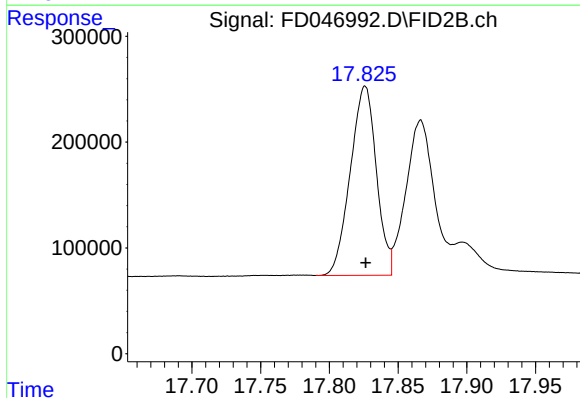
R.T.: 16.127 min
Delta R.T.: 0.004 min
Response: 3144229
Conc: 23.01 ug/ml

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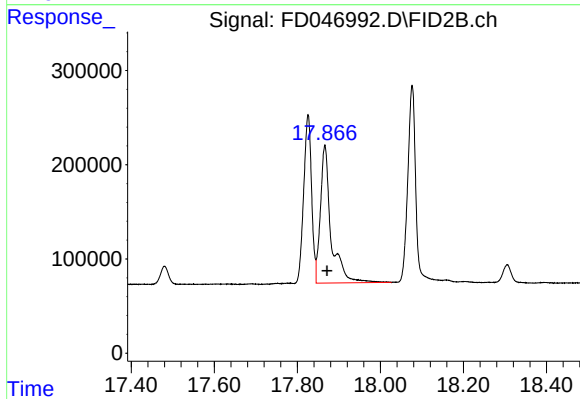
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2871519
Conc: 21.92 ug/ml



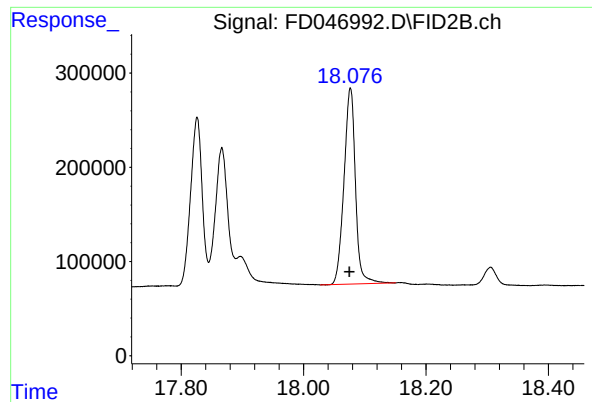
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: 0.000 min
Response: 2358692
Conc: 19.77 ug/ml



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

R.T.: 17.866 min
Delta R.T.: -0.005 min
Response: 2621019
Conc: 20.17 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.002 min
Response: 2706540
Conc: 20.69 ug/ml

Instrument :

FID_D

ClientSampleId :

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