

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046280.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 12:37
 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: Aug 08 04:49:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.501	3303964	22.103 ug/ml
Spiked Amount 50.000		Recovery =	44.21%
6) S 2-Fluorobiphenyl (SURR)	8.355	2094575	22.375 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.75%
11) S ortho-Terphenyl (SURR)	11.392	4047033	23.174 ug/ml
Spiked Amount 50.000		Recovery =	46.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	3979146	21.840 ug/ml
2) T Naphthalene (C11.7)	5.842	3972005	21.992 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	3876994	22.028 ug/ml
5) T Acenaphthylene (C15.06)	8.159	3372483	22.104 ug/ml
7) T Acenaphthene (C15.5)	8.454	3619734	22.199 ug/ml
8) T Flouorene (C16.55)	9.232	3408439	22.400 ug/ml
9) T Phenanthrene (C19.36)	10.621	3321725	23.068 ug/ml
10) T Anthracene (C19.43)	10.695	2770794	21.172 ug/ml
12) T Fluoranthene (C21.85)	12.424	3301484	23.627 ug/ml
13) T Pyrene (C20.8)	12.718	3246166	23.422 ug/ml
14) T Benzo[a]anthracene (C...	14.582	2951021	22.482 ug/ml
15) T Chrysene (C27.41)	14.624	3235602	22.947 ug/ml
16) T benzo[b]fluoranthene ...	16.124	3072360	22.465 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	3035889	22.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2740325	21.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	2236738	18.597 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	2363957	18.484 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	2502945	19.729 ug/ml

(f)=RT Delta > 1/2 Window

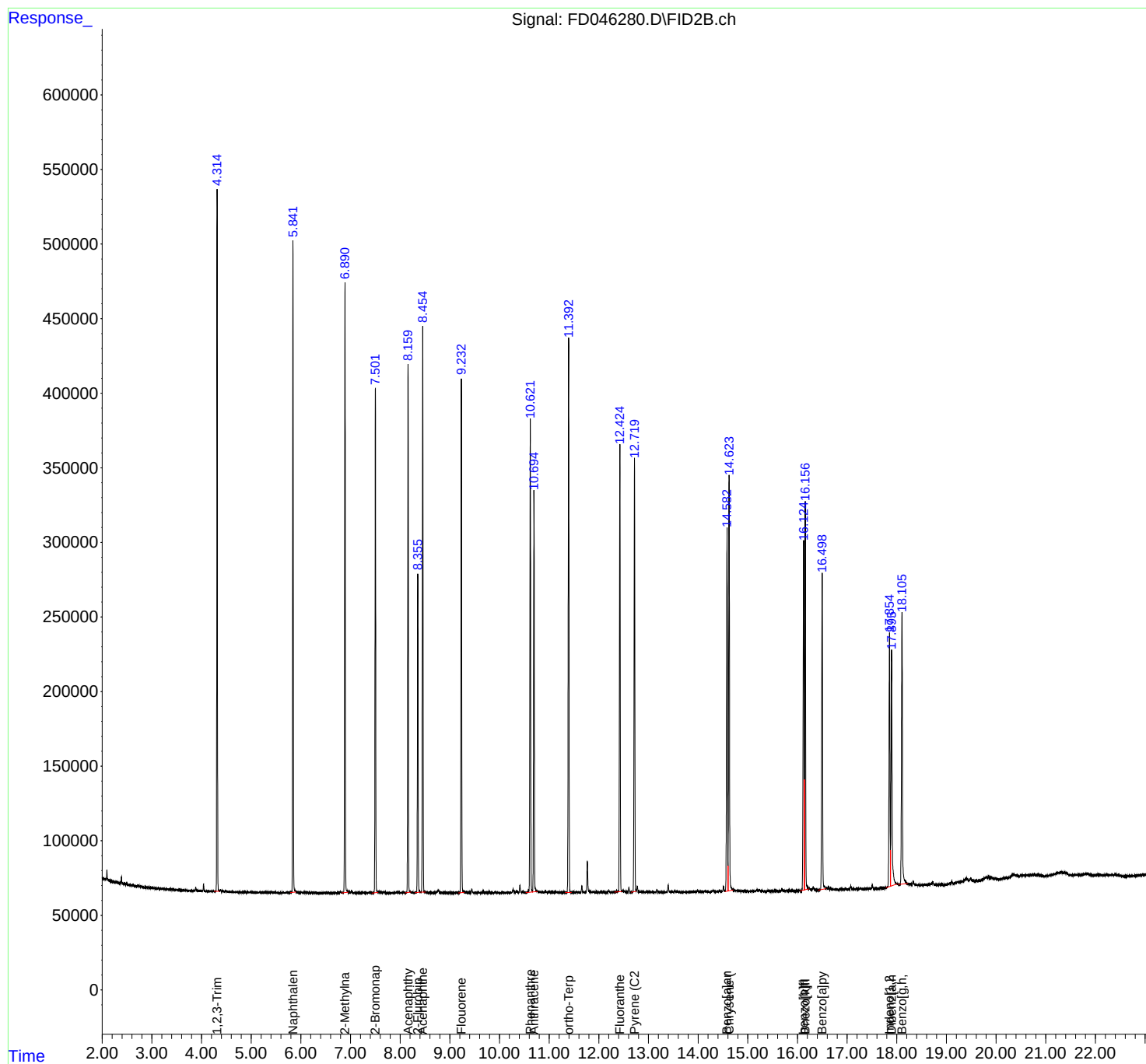
(m)=manual int.

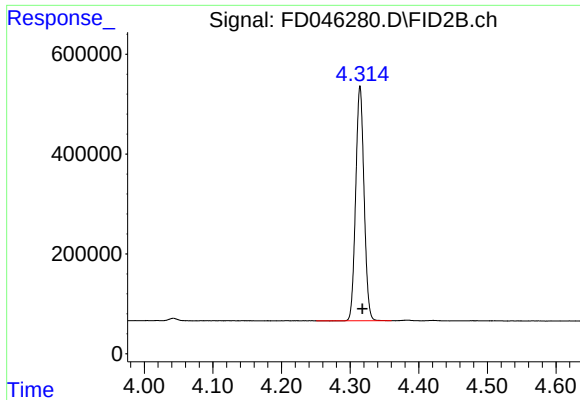
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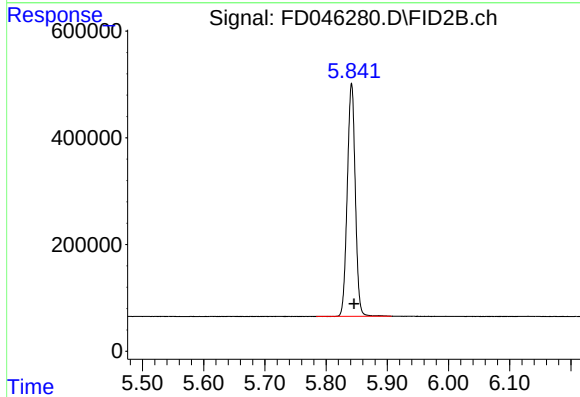




#1 1,2,3-Trimethylbenzene (C10.1)

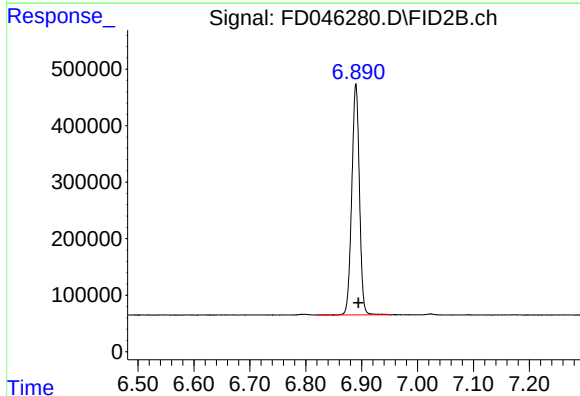
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 3979146
Conc: 21.84 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



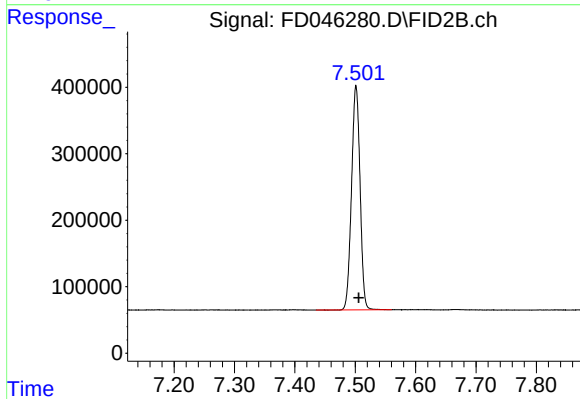
#2 Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 3972005
Conc: 21.99 ug/ml



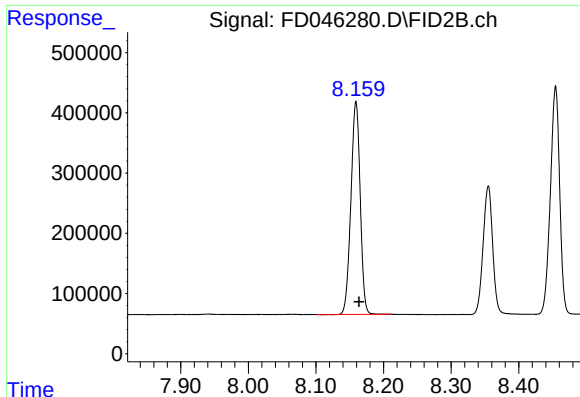
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 3876994
Conc: 22.03 ug/ml



#4 2-Bromonaphthalene (SURR)

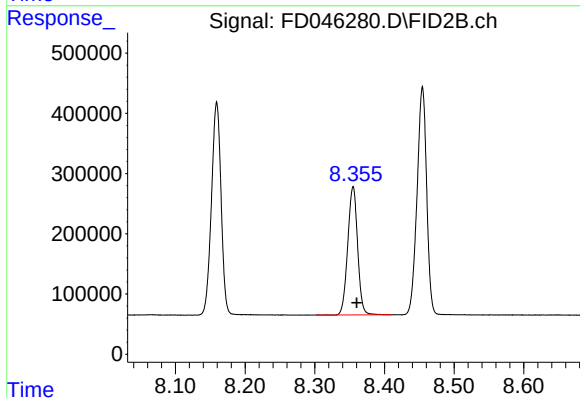
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 3303964
Conc: 22.10 ug/ml



#5 Acenaphthylene (C15.06)

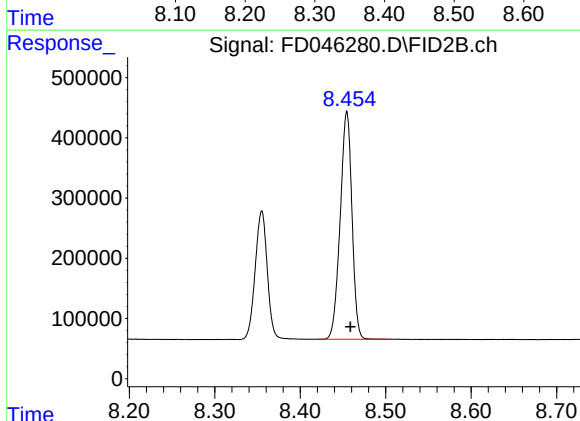
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 3372483
Conc: 22.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



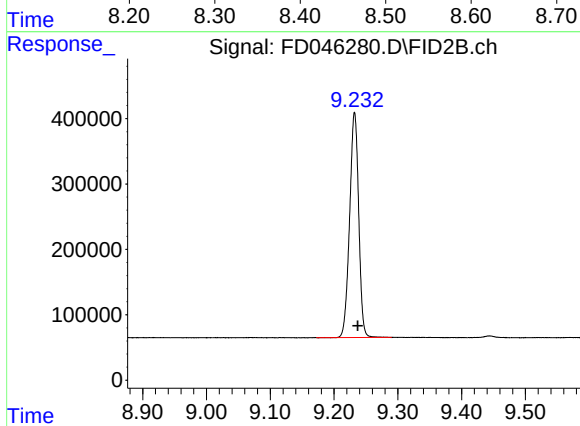
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 2094575
Conc: 22.37 ug/ml



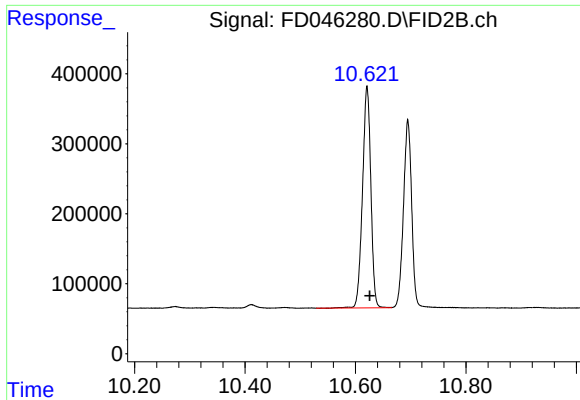
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.004 min
Response: 3619734
Conc: 22.20 ug/ml



#8 Fluorene (C16.55)

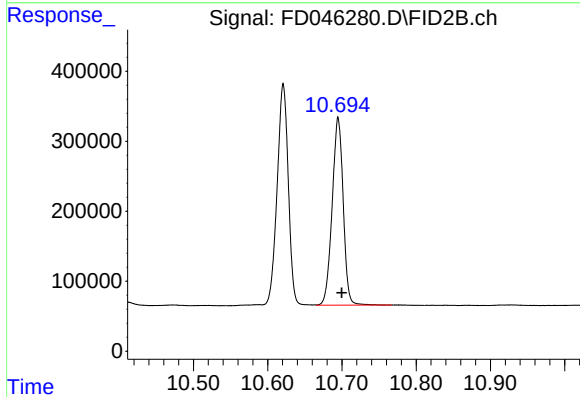
R.T.: 9.232 min
Delta R.T.: -0.005 min
Response: 3408439
Conc: 22.40 ug/ml



#9 Phenanthrene (C19.36)

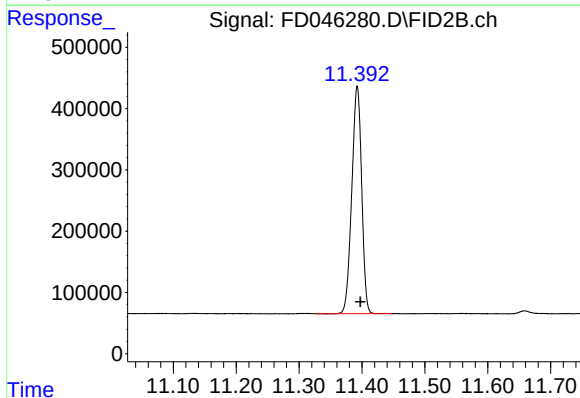
R.T.: 10.621 min
Delta R.T.: -0.005 min
Response: 3321725
Conc: 23.07 ug/ml

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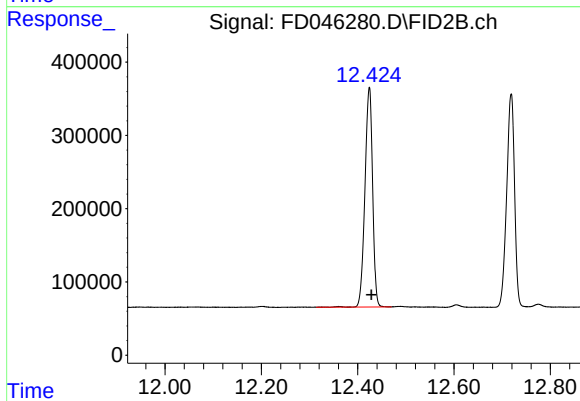
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.005 min
Response: 2770794
Conc: 21.17 ug/ml



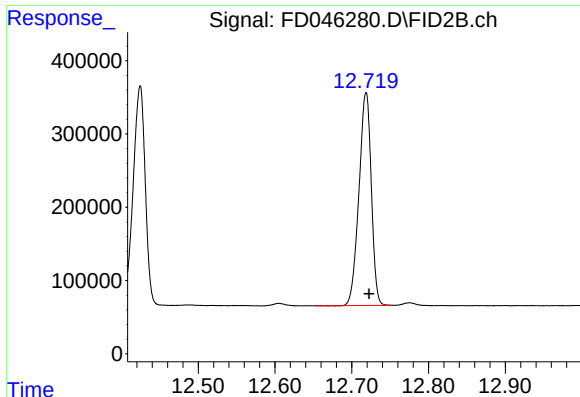
#11 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: -0.005 min
Response: 4047033
Conc: 23.17 ug/ml



#12 Fluoranthene (C21.85)

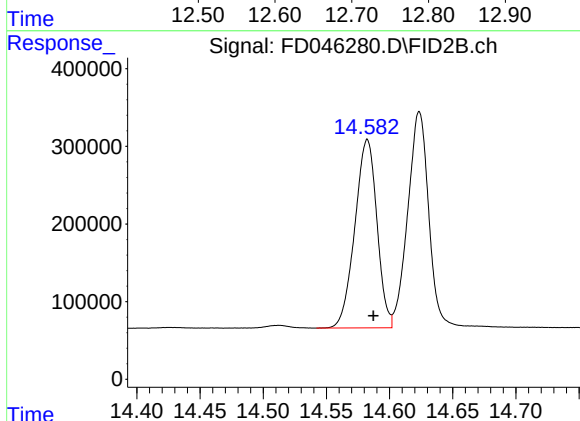
R.T.: 12.424 min
Delta R.T.: -0.004 min
Response: 3301484
Conc: 23.63 ug/ml



#13 Pyrene (C20.8)

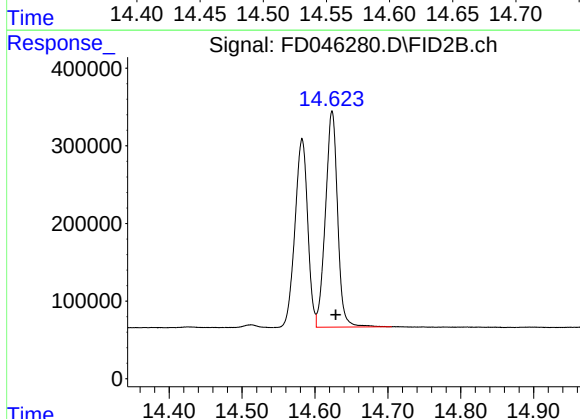
R.T.: 12.718 min
Delta R.T.: -0.004 min
Response: 3246166
Conc: 23.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



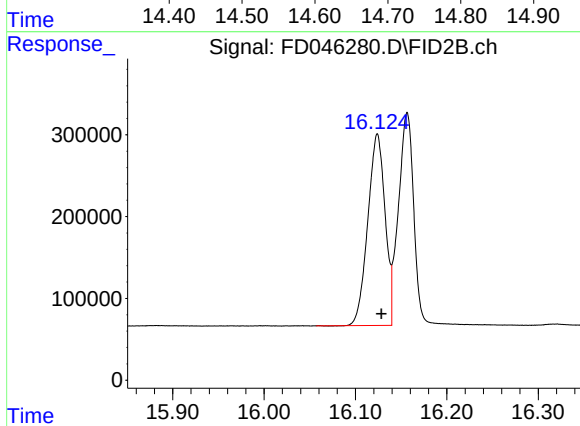
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.005 min
Response: 2951021
Conc: 22.48 ug/ml



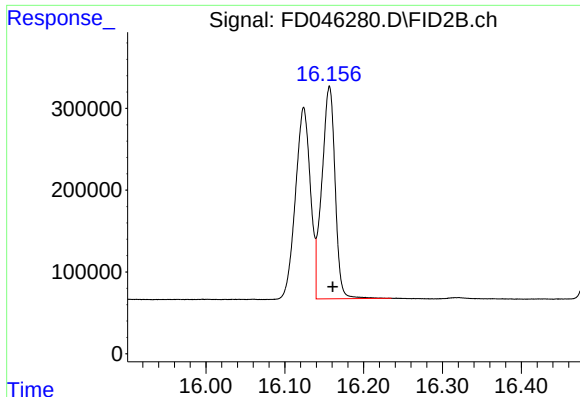
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 3235602
Conc: 22.95 ug/ml



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

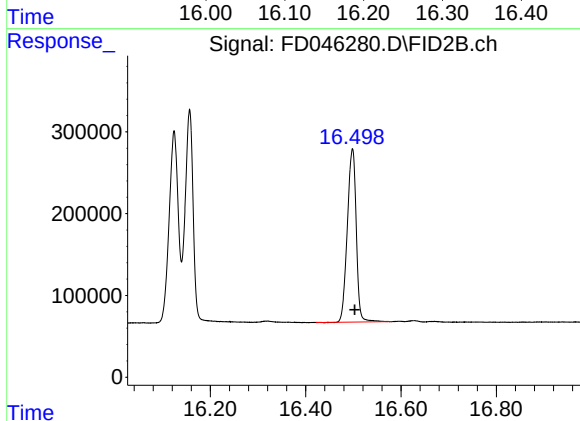
R.T.: 16.124 min
Delta R.T.: -0.005 min
Response: 3072360
Conc: 22.46 ug/ml



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

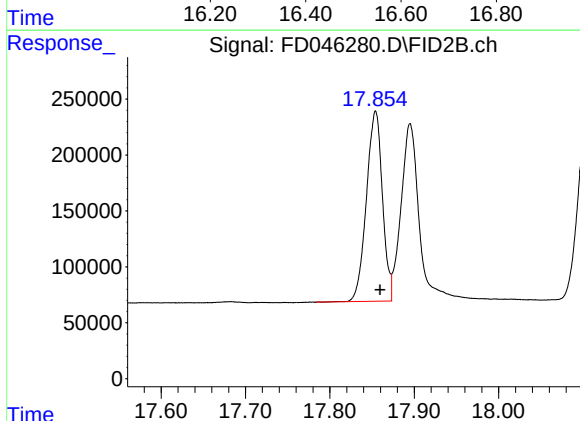
R.T.: 16.156 min
Delta R.T.: -0.004 min
Response: 3035889
Conc: 22.15 ug/ml

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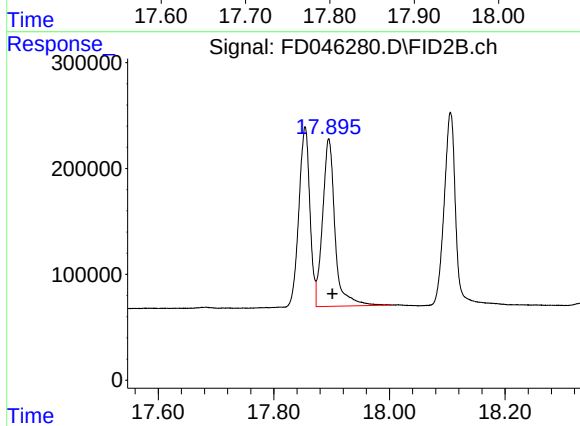
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 2740325
Conc: 21.05 ug/ml



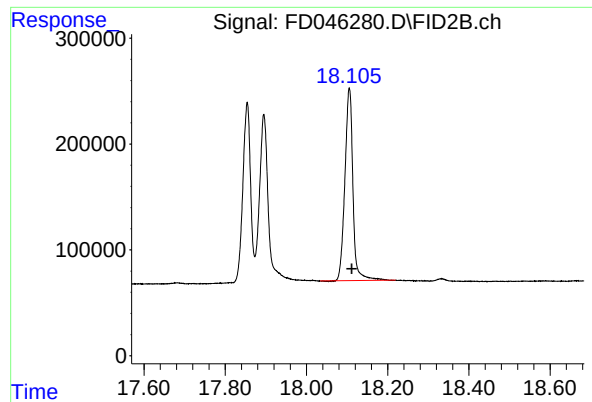
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.006 min
Response: 2236738
Conc: 18.60 ug/ml



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

R.T.: 17.895 min
Delta R.T.: -0.006 min
Response: 2363957
Conc: 18.48 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.006 min
Response: 2502945
Conc: 19.73 ug/ml

Instrument :

FID_D

ClientSampleId :

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