

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080323AR\
 Data File : FD046277.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2023 13:40
 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 05 02:52:48 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	3299069	22.070 ug/ml
Spiked Amount 50.000		Recovery =	44.14%
6) S 2-Fluorobiphenyl (SURR)	8.355	2114666	22.590 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.18%
11) S ortho-Terphenyl (SURR)	11.392	4066441	23.285 ug/ml
Spiked Amount 50.000		Recovery =	46.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.315	3911695	21.470 ug/ml
2) T Naphthalene (C11.7)	5.841	3936272	21.794 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	3872494	22.003 ug/ml
5) T Acenaphthylene (C15.06)	8.159	3366445	22.064 ug/ml
7) T Acenaphthene (C15.5)	8.454	3639100	22.317 ug/ml
8) T Fluorene (C16.55)	9.232	3457252	22.721 ug/ml
9) T Phenanthrene (C19.36)	10.620	3332896	23.146 ug/ml
10) T Anthracene (C19.43)	10.694	2548833	19.476 ug/ml
12) T Fluoranthene (C21.85)	12.424	3324970	23.795 ug/ml
13) T Pyrene (C20.8)	12.717	3254283	23.481 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2977404	22.683 ug/ml
15) T Chrysene (C27.41)	14.624	3234280	22.938 ug/ml
16) T benzo[b]fluoranthene ...	16.123	3151482	23.043 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	3084226	22.501 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	2953911	22.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	2439600	20.284 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	2555348	19.980 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	2617552	20.632 ug/ml

(f)=RT Delta > 1/2 Window

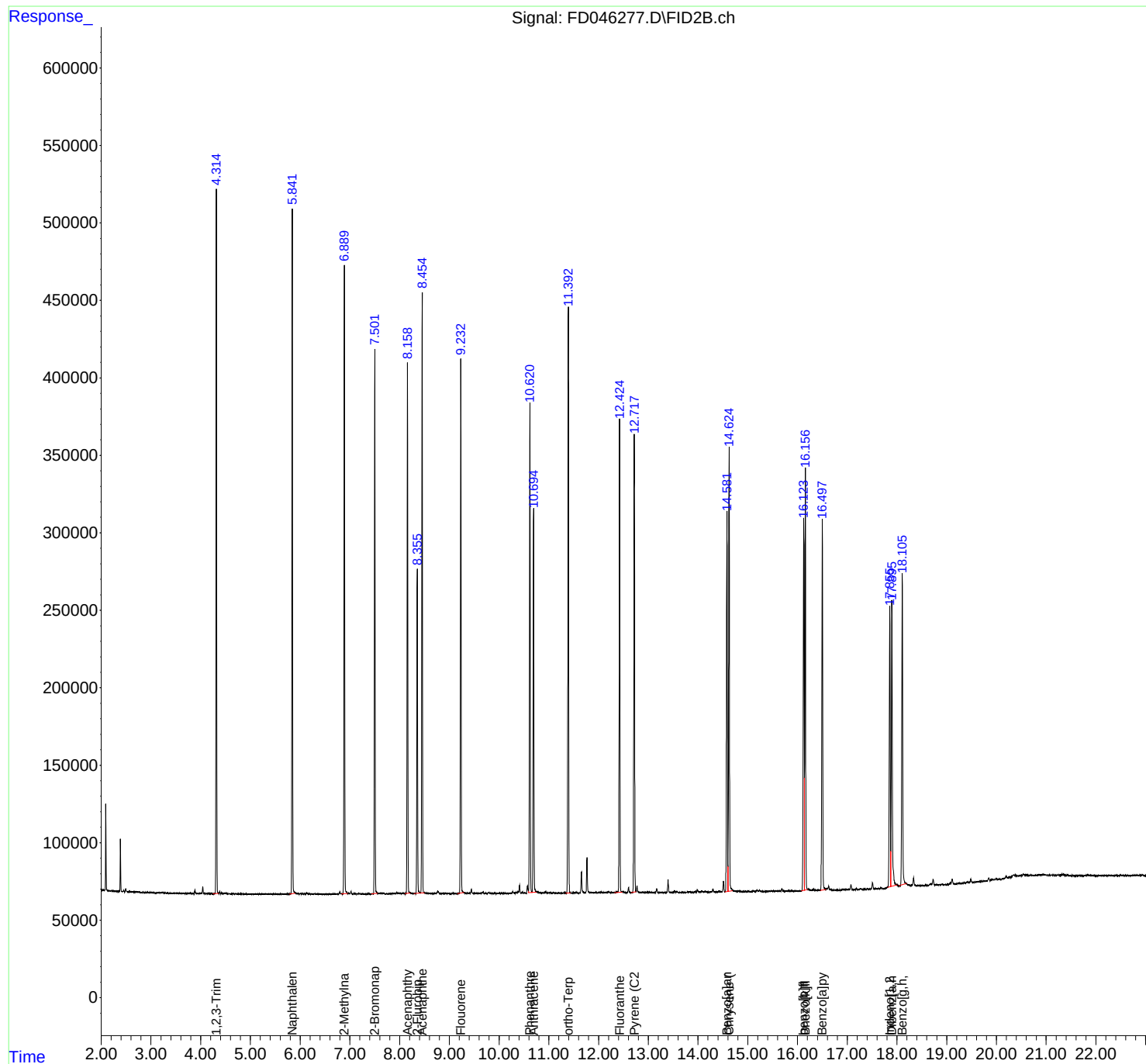
(m)=manual int.

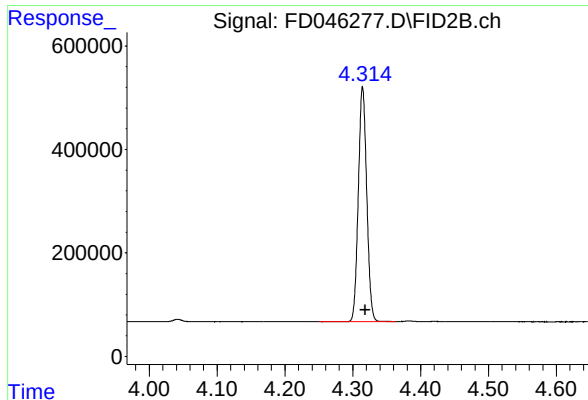
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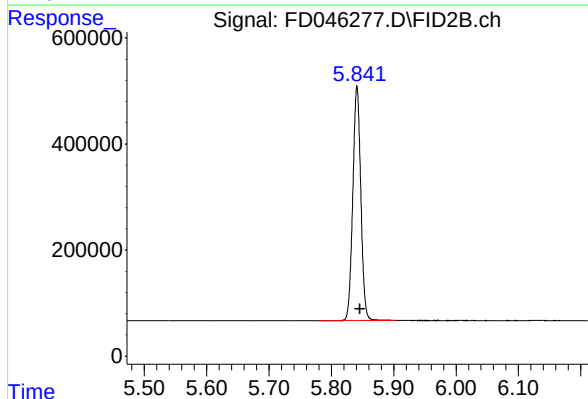




#1 1,2,3-Trimethylbenzene (C10.1)

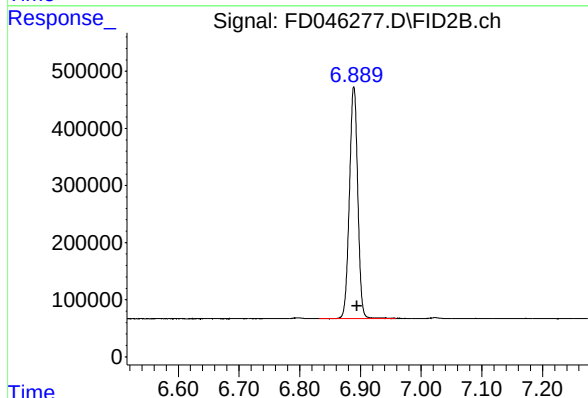
R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 3911695
Conc: 21.47 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



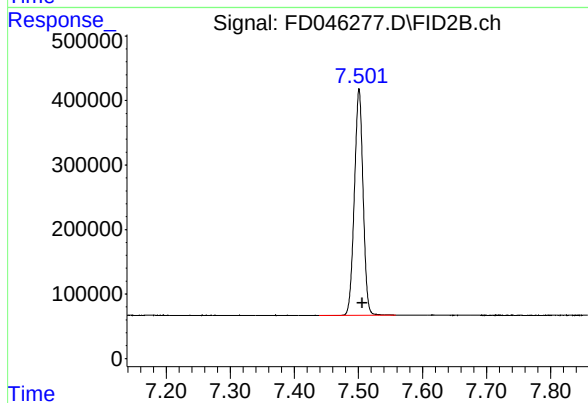
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 3936272
Conc: 21.79 ug/ml



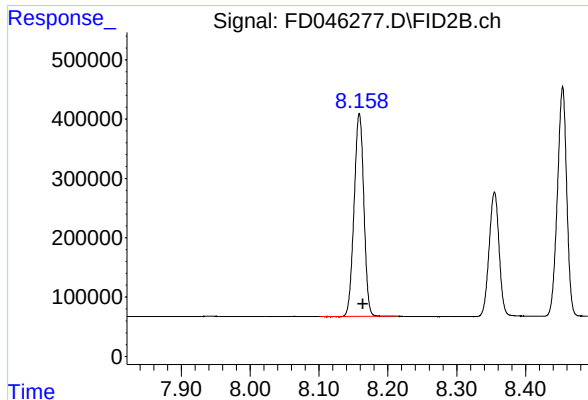
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.005 min
Response: 3872494
Conc: 22.00 ug/ml



#4 2-Bromonaphthalene (SURR)

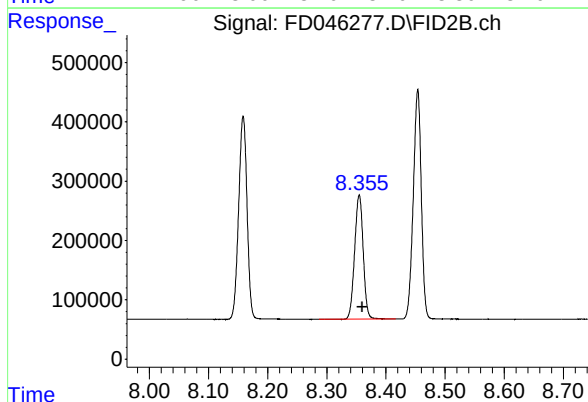
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 3299069
Conc: 22.07 ug/ml



#5 Acenaphthylene (C15.06)

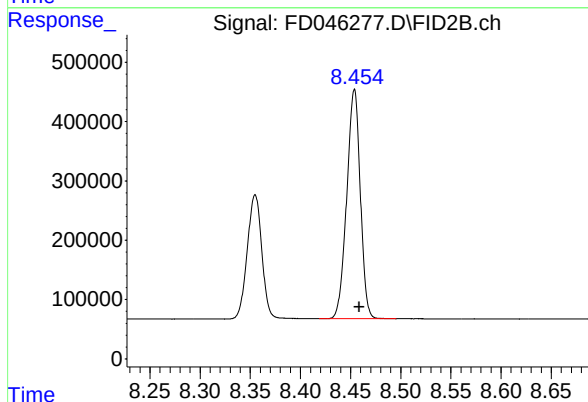
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 3366445
Conc: 22.06 ug/ml

Instrument :
FID_D
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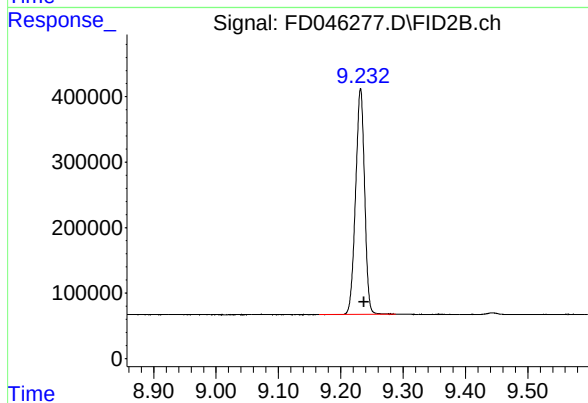
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 2114666
Conc: 22.59 ug/ml



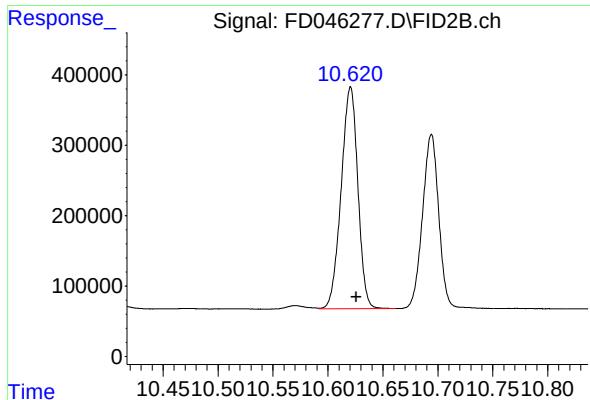
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.005 min
Response: 3639100
Conc: 22.32 ug/ml



#8 Flouorene (C16.55)

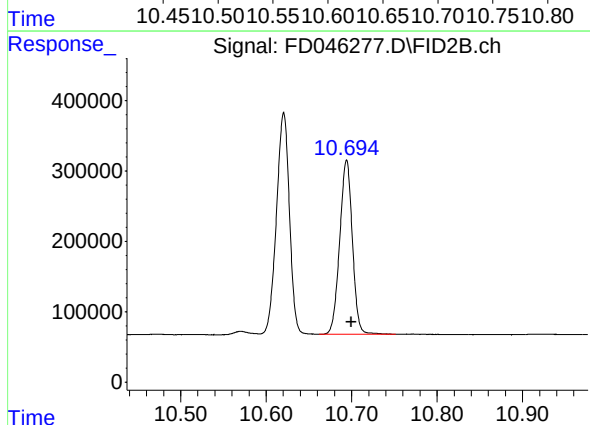
R.T.: 9.232 min
Delta R.T.: -0.005 min
Response: 3457252
Conc: 22.72 ug/ml



#9 Phenanthrene (C19.36)

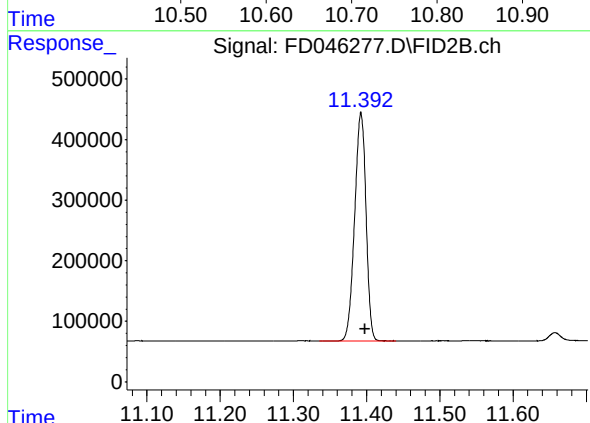
R.T.: 10.620 min
Delta R.T.: -0.005 min
Response: 3332896
Conc: 23.15 ug/ml

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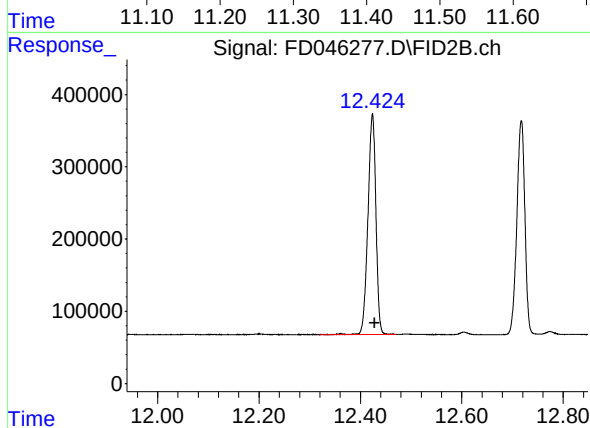
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.006 min
Response: 2548833
Conc: 19.48 ug/ml



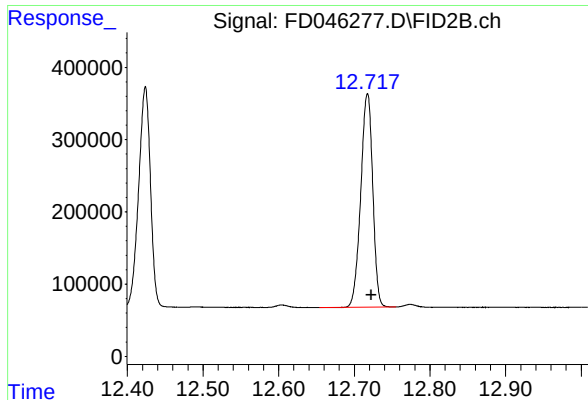
#11 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: -0.005 min
Response: 4066441
Conc: 23.28 ug/ml



#12 Fluoranthene (C21.85)

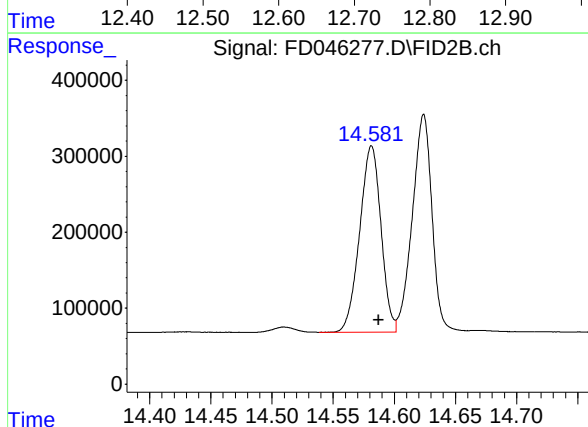
R.T.: 12.424 min
Delta R.T.: -0.005 min
Response: 3324970
Conc: 23.80 ug/ml



#13 Pyrene (C20.8)

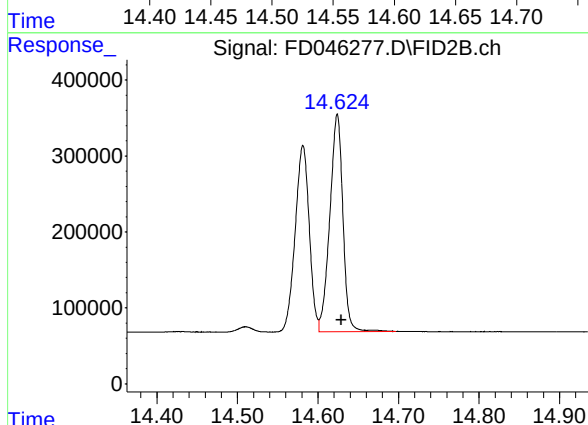
R.T.: 12.717 min
Delta R.T.: -0.005 min
Response: 3254283
Conc: 23.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



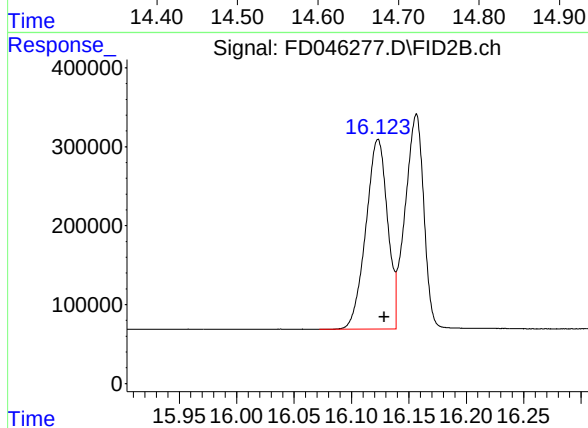
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.006 min
Response: 2977404
Conc: 22.68 ug/ml



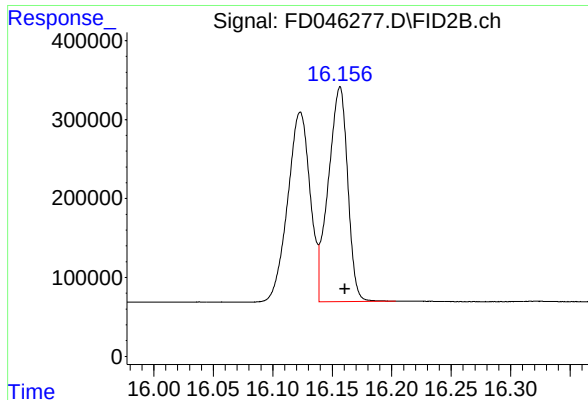
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 3234280
Conc: 22.94 ug/ml



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

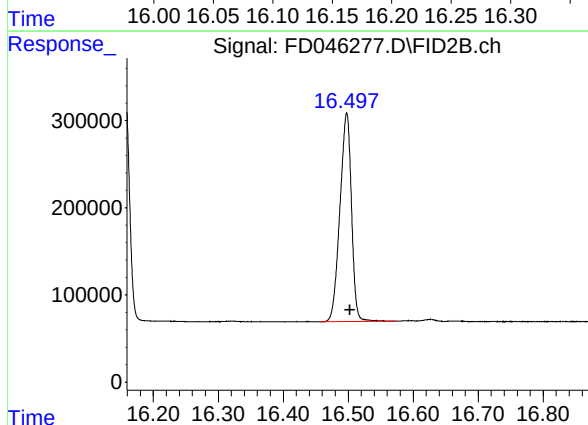
R.T.: 16.123 min
Delta R.T.: -0.006 min
Response: 3151482
Conc: 23.04 ug/ml



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

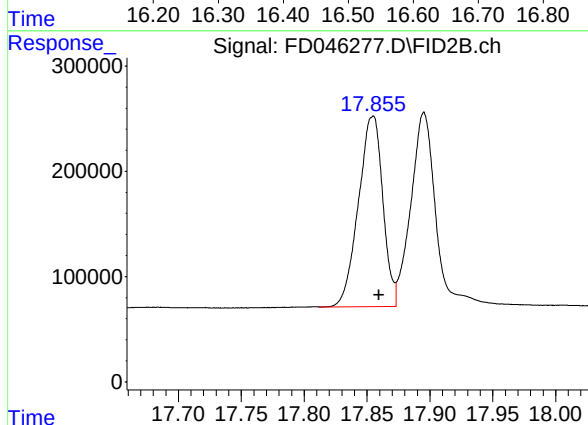
R.T.: 16.156 min
Delta R.T.: -0.005 min
Response: 3084226
Conc: 22.50 ug/ml

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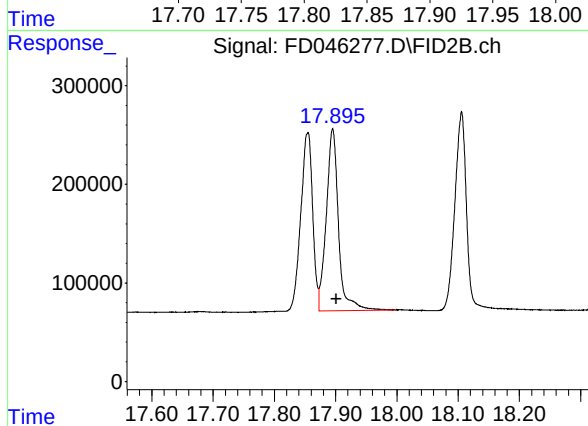
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: -0.006 min
Response: 2953911
Conc: 22.69 ug/ml



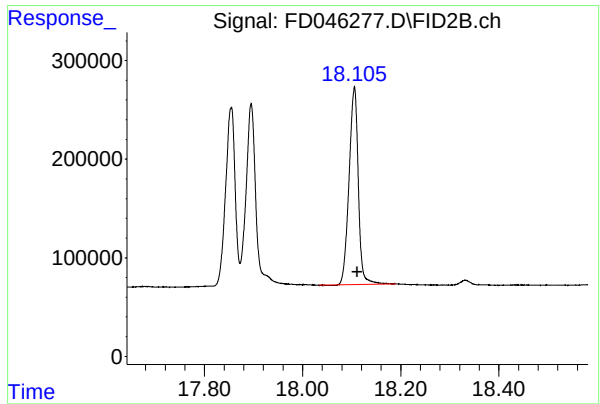
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 2439600
Conc: 20.28 ug/ml



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

R.T.: 17.895 min
Delta R.T.: -0.006 min
Response: 2555348
Conc: 19.98 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.006 min
Response: 2617552
Conc: 20.63 ug/ml

Instrument :

FID_D

ClientSampleId :

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