

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047503.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2024 01:20
 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: Apr 09 02:11:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.456	3093755	20.694 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
6) S 2-Fluorobiphenyl (SURR)	8.308	2030857	20.785 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.57%
11) S ortho-Terphenyl (SURR)	11.344	3557286	20.751 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3249958	20.567 ug/ml
2) T Naphthalene (C11.7)	5.797	3377400	20.639 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3394229	20.636 ug/ml
5) T Acenaphthylene (C15.06)	8.112	3080024	20.406 ug/ml
7) T Acenaphthene (C15.5)	8.407	3297375	20.588 ug/ml
8) T Flouorene (C16.55)	9.184	3203981	20.711 ug/ml
9) T Phenanthrene (C19.36)	10.573	3116241	20.945 ug/ml
10) T Anthracene (C19.43)	10.647	2526958	18.580 ug/ml
12) T Fluoranthene (C21.85)	12.376	3112659	21.056 ug/ml
13) T Pyrene (C20.8)	12.669	3014472	20.887 ug/ml
14) T Benzo[a]anthracene (C...	14.534	2754135	20.942 ug/ml
15) T Chrysene (C27.41)	14.576	2976178	21.106 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2913860	20.886 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	2940792	21.143 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.452	2852533	20.775 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	2797308	20.738 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	2975399	22.139 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	2878391	20.739 ug/ml

(f)=RT Delta > 1/2 Window

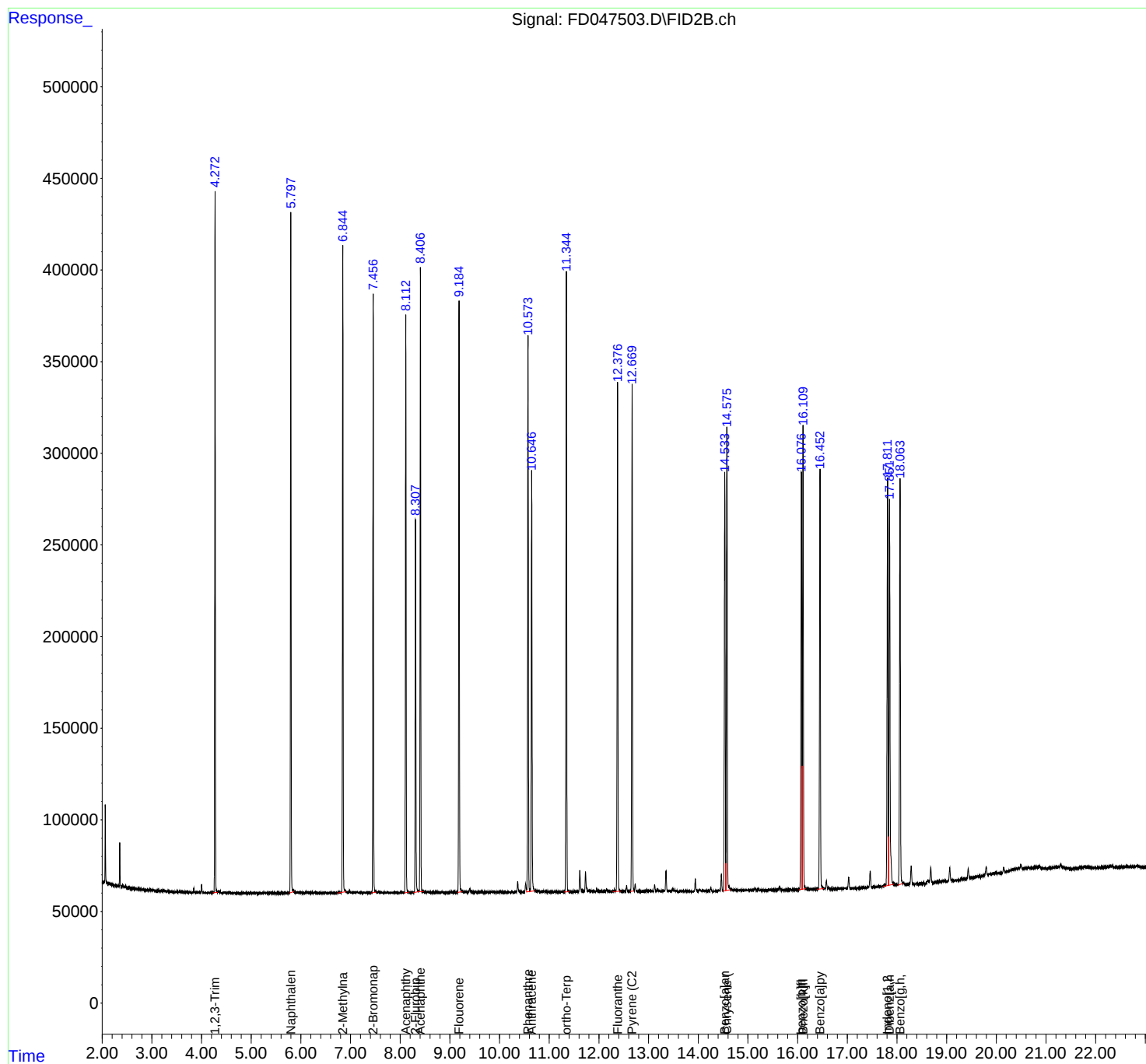
(m)=manual int.

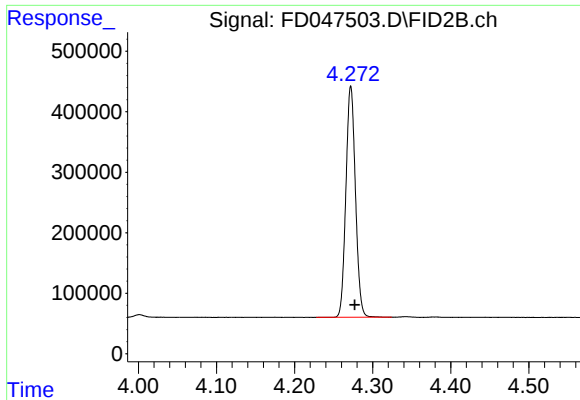
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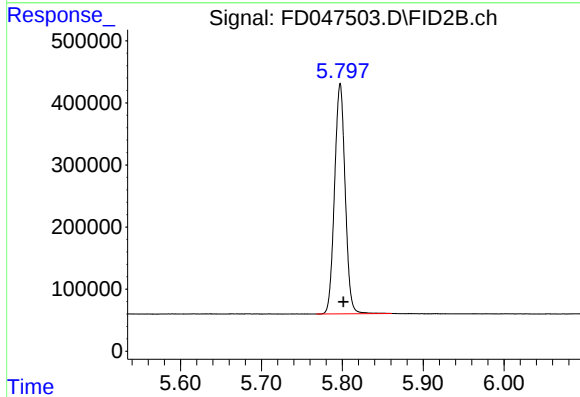




#1 1,2,3-Trimethylbenzene (C10.1)

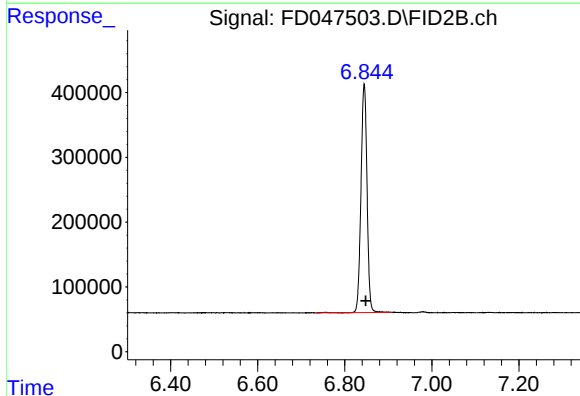
R.T.: 4.272 min
Delta R.T.: -0.005 min
Response: 3249958
Conc: 20.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



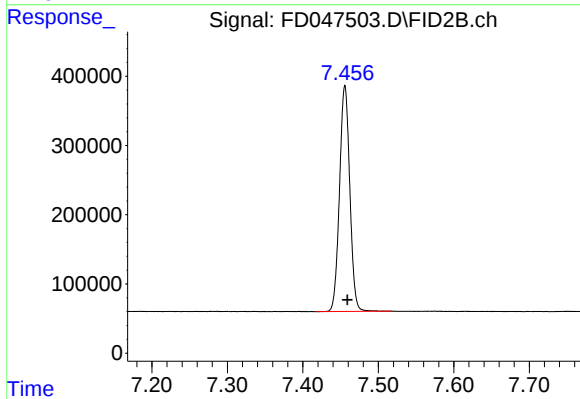
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 3377400
Conc: 20.64 ug/ml



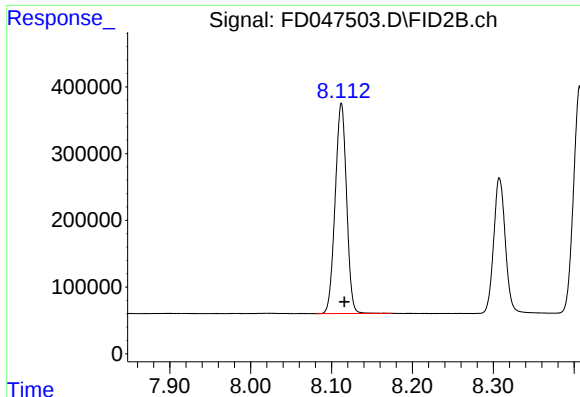
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 3394229
Conc: 20.64 ug/ml



#4 2-Bromonaphthalene (SURR)

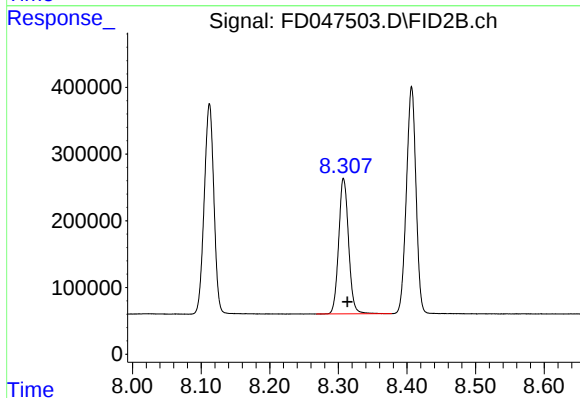
R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 3093755
Conc: 20.69 ug/ml



#5 Acenaphthylene (C15.06)

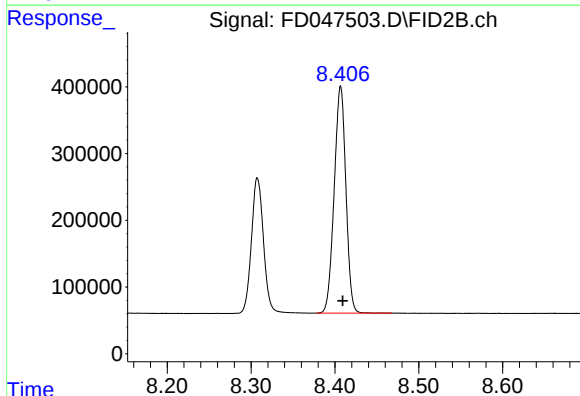
R.T.: 8.112 min
Delta R.T.: -0.004 min
Response: 3080024
Conc: 20.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



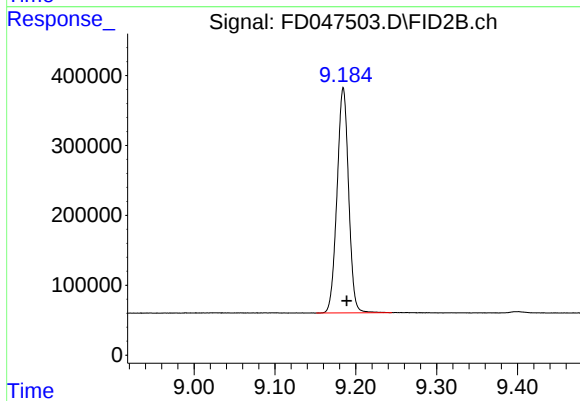
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 2030857
Conc: 20.79 ug/ml



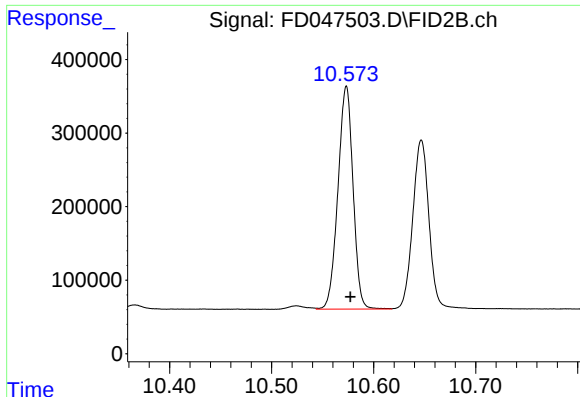
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 3297375
Conc: 20.59 ug/ml



#8 Fluorene (C16.55)

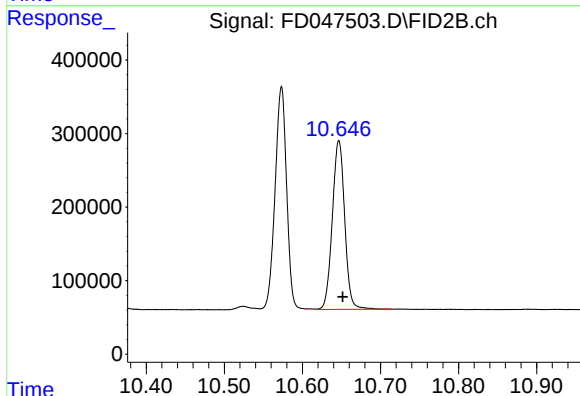
R.T.: 9.184 min
Delta R.T.: -0.004 min
Response: 3203981
Conc: 20.71 ug/ml



#9 Phenanthrene (C19.36)

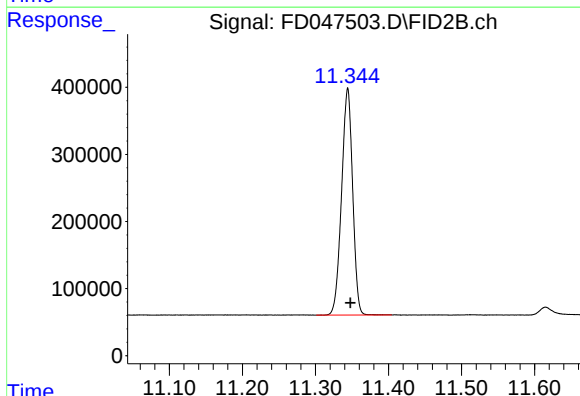
R.T.: 10.573 min
Delta R.T.: -0.004 min
Response: 3116241
Conc: 20.95 ug/ml

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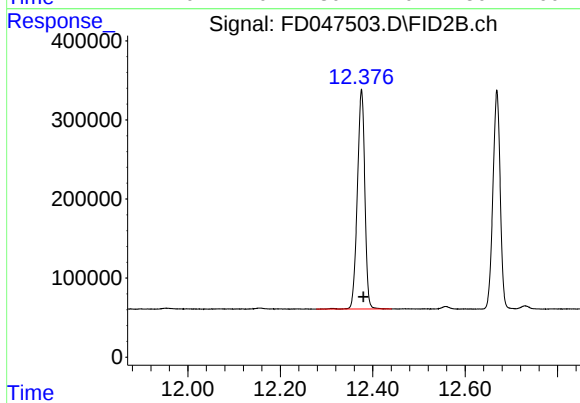
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.005 min
Response: 2526958
Conc: 18.58 ug/ml



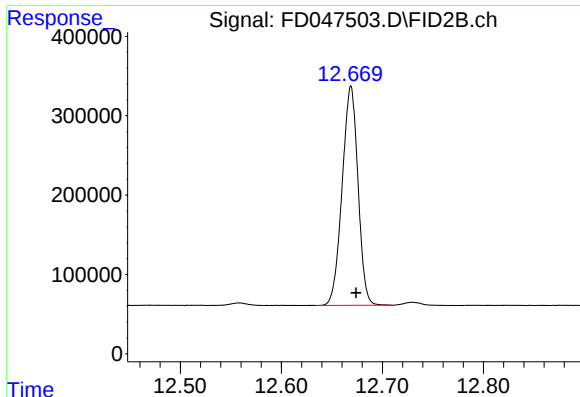
#11 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.004 min
Response: 3557286
Conc: 20.75 ug/ml



#12 Fluoranthene (C21.85)

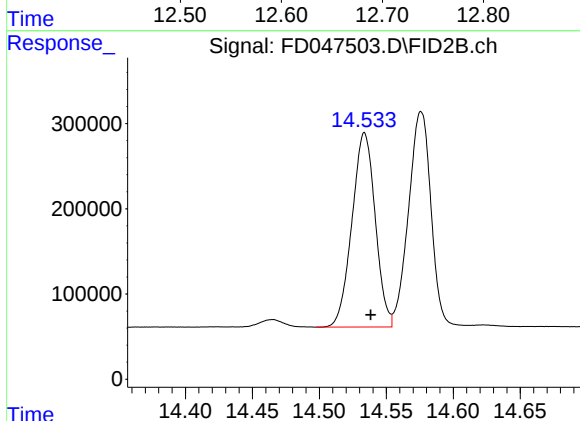
R.T.: 12.376 min
Delta R.T.: -0.004 min
Response: 3112659
Conc: 21.06 ug/ml



#13 Pyrene (C20.8)

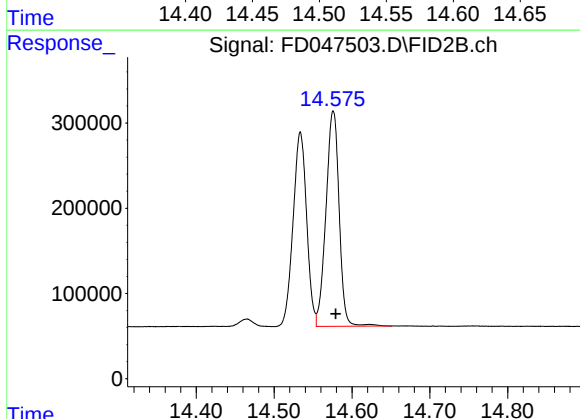
R.T.: 12.669 min
Delta R.T.: -0.005 min
Response: 3014472
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



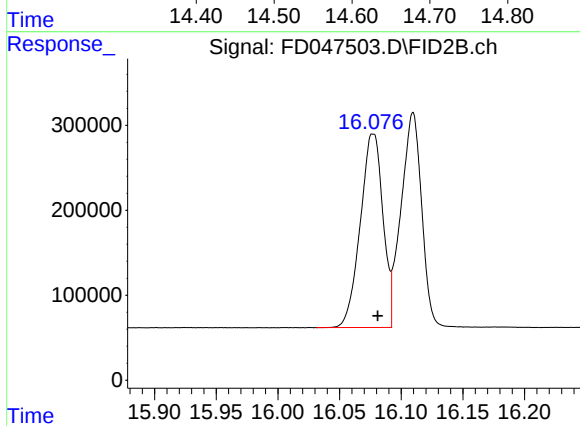
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.005 min
Response: 2754135
Conc: 20.94 ug/ml



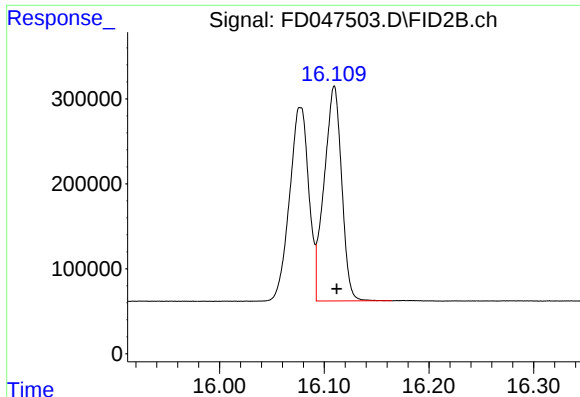
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.003 min
Response: 2976178
Conc: 21.11 ug/ml



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

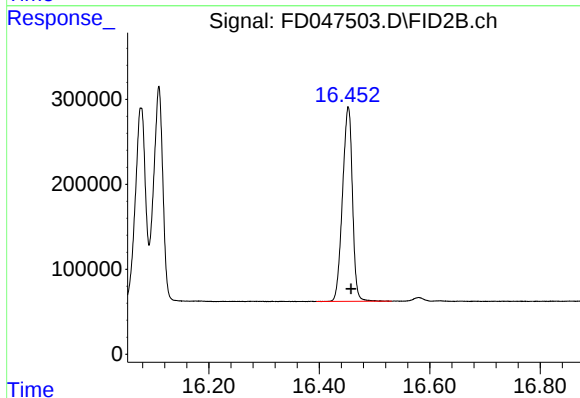
R.T.: 16.077 min
Delta R.T.: -0.004 min
Response: 2913860
Conc: 20.89 ug/ml



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

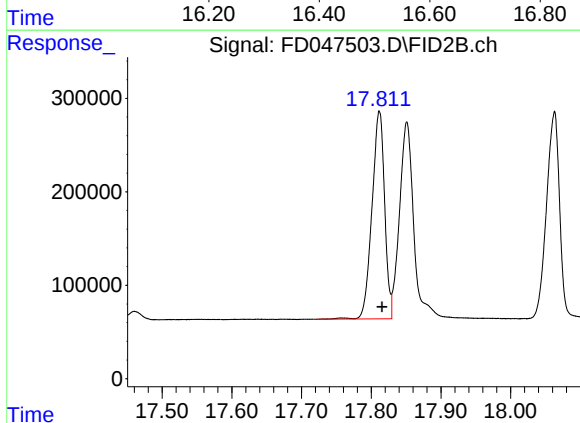
R.T.: 16.109 min
Delta R.T.: -0.002 min
Response: 2940792
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



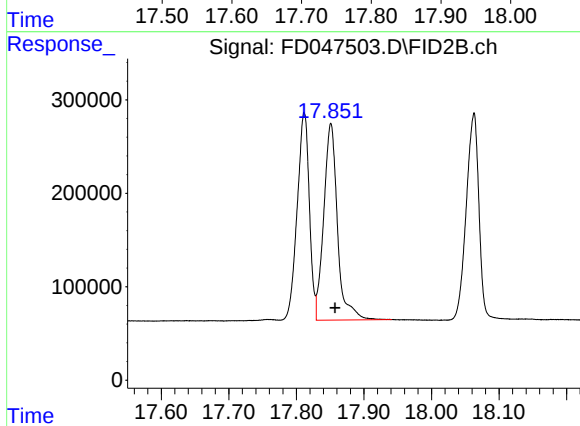
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.452 min
Delta R.T.: -0.005 min
Response: 2852533
Conc: 20.78 ug/ml



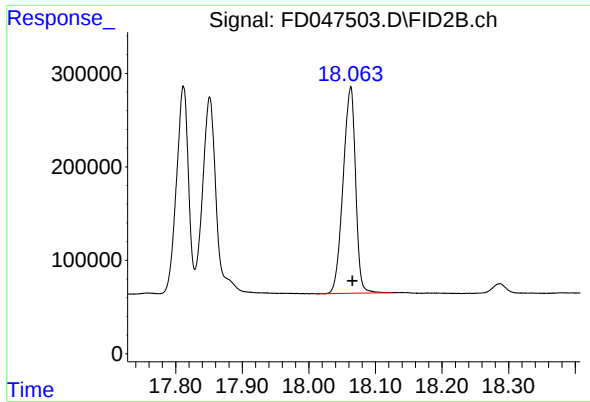
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: -0.004 min
Response: 2797308
Conc: 20.74 ug/ml



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

R.T.: 17.851 min
Delta R.T.: -0.006 min
Response: 2975399
Conc: 22.14 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.003 min
Response: 2878391
Conc: 20.74 ug/ml

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ClientSampleId :
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