

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081123AR\
 Data File : FD046329.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 18:46
 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 12 01:13:49 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...	7.499	3042278	20.353 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
6) S 2-Fluorobiphenyl (SURR)	8.352	2033424	21.722 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.44%
11) S ortho-Terphenyl (SURR)	11.390	3900901	22.337 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	3352289	18.399 ug/ml
2) T Naphthalene (C11.7)	5.839	3521436	19.497 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	3546913	20.153 ug/ml
5) T Acenaphthylene (C15.06)	8.156	3204423	21.002 ug/ml
7) T Acenaphthene (C15.5)	8.451	3414060	20.937 ug/ml
8) T Fluorene (C16.55)	9.229	3368932	22.141 ug/ml
9) T Phenanthrene (C19.36)	10.619	3356600	23.310 ug/ml
10) T Anthracene (C19.43)	10.693	3024098	23.108 ug/ml
12) T Fluoranthene (C21.85)	12.421	3364037	24.075 ug/ml
13) T Pyrene (C20.8)	12.716	3243517	23.403 ug/ml
14) T Benzo[a]anthracene (C...	14.580	2964175	22.582 ug/ml
15) T Chrysene (C27.41)	14.621	3064390	21.733 ug/ml
16) T benzo[b]fluoranthene ...	16.121	2855648	20.880 ug/ml
17) T Bnezo[k]fluoranthene ...	16.153	2815764	20.542 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	2685902	20.631 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	2442005	20.304 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	2532712	19.803 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	2500843	19.712 ug/ml

(f)=RT Delta > 1/2 Window

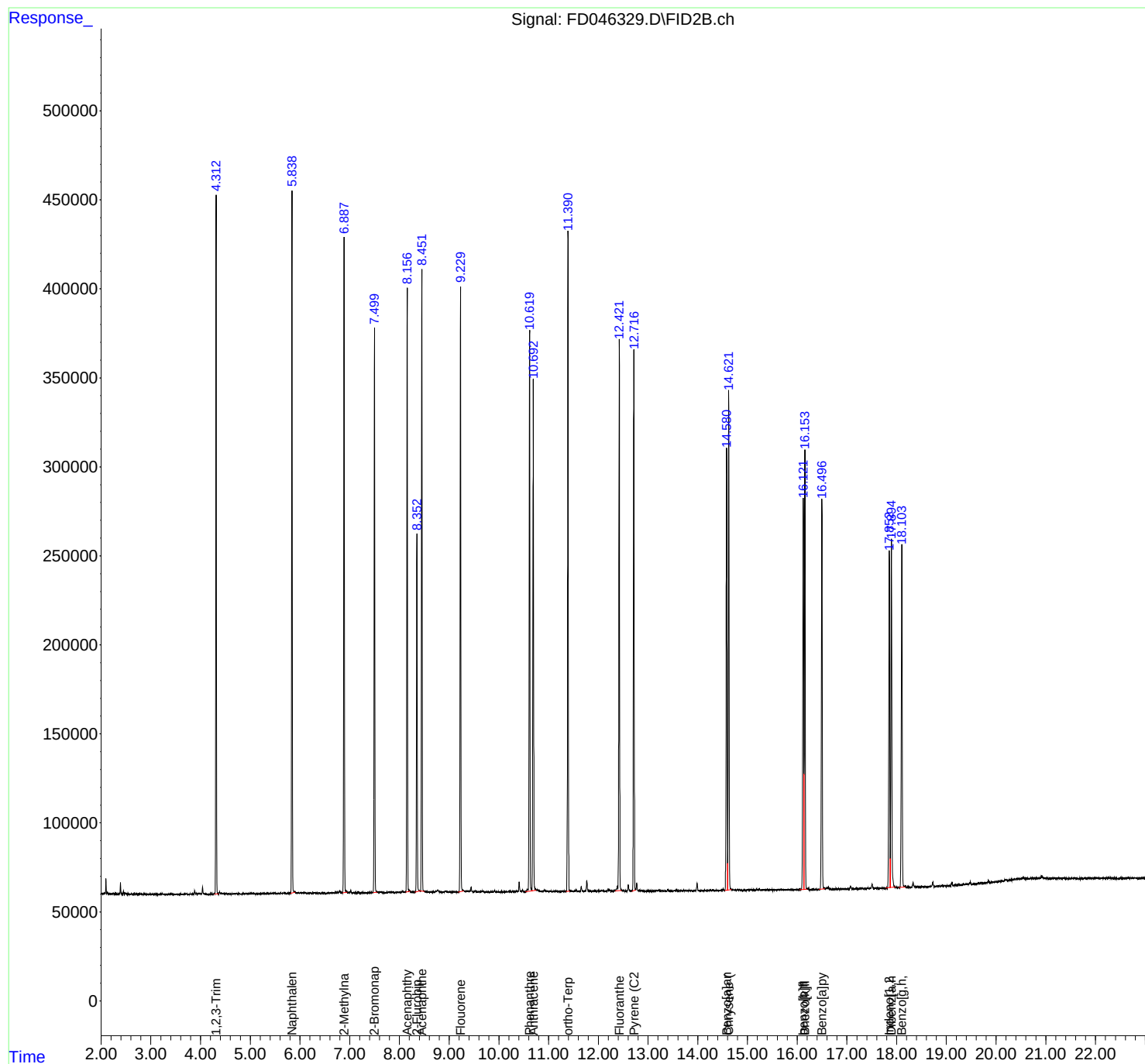
(m)=manual int.

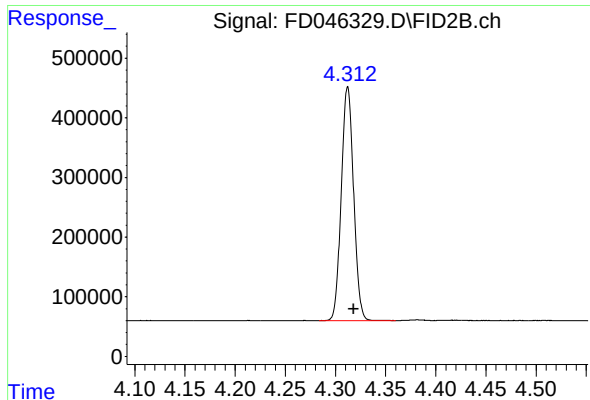
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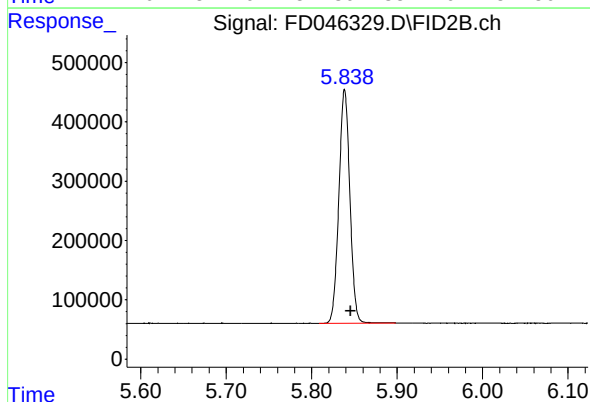




#1 1,2,3-Trimethylbenzene (C10.1)

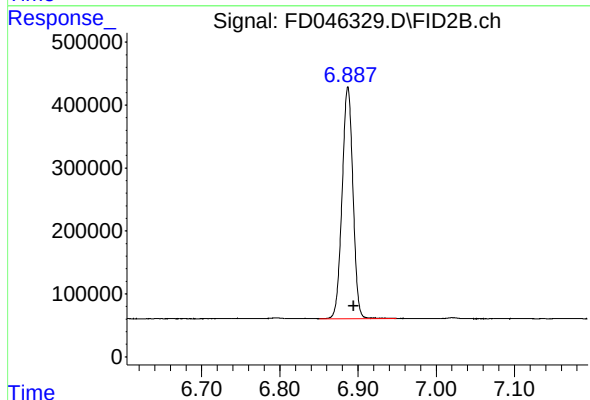
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 3352289
Conc: 18.40 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



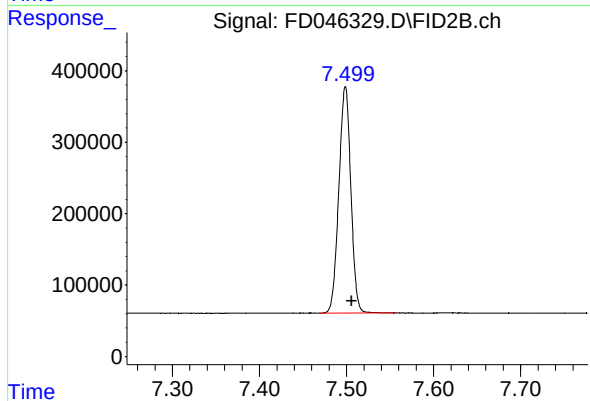
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.007 min
Response: 3521436
Conc: 19.50 ug/ml



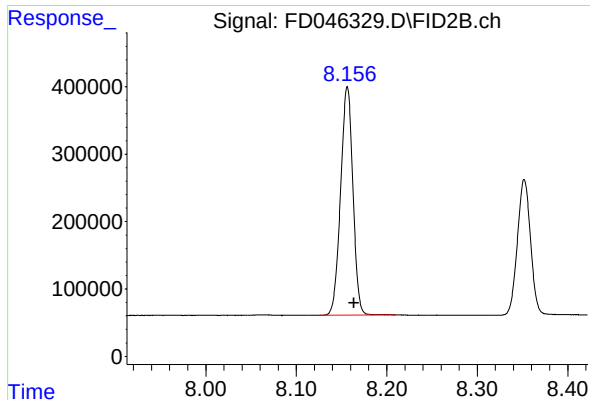
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.007 min
Response: 3546913
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

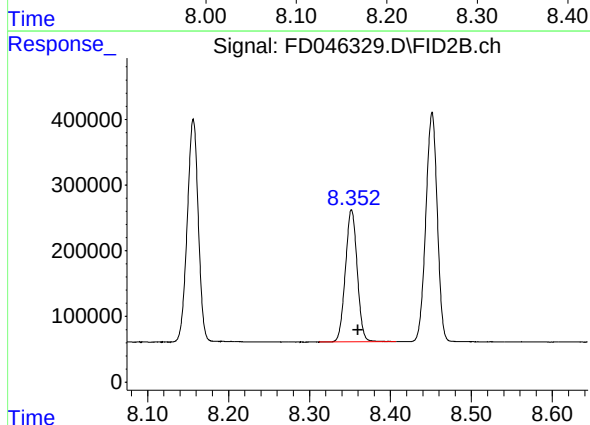
R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 3042278
Conc: 20.35 ug/ml



#5 Acenaphthylene (C15.06)

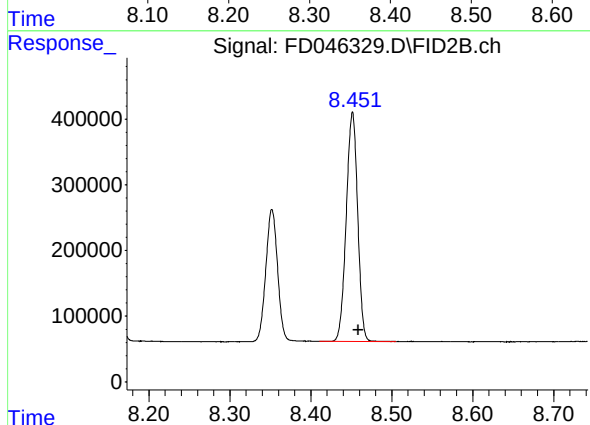
R.T.: 8.156 min
Delta R.T.: -0.007 min
Response: 3204423
Conc: 21.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



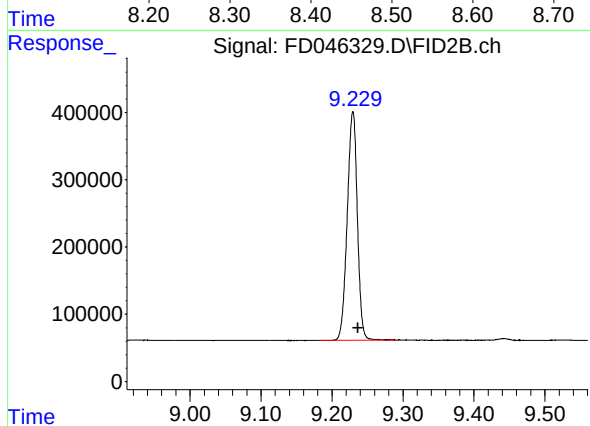
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.352 min
Delta R.T.: -0.008 min
Response: 2033424
Conc: 21.72 ug/ml



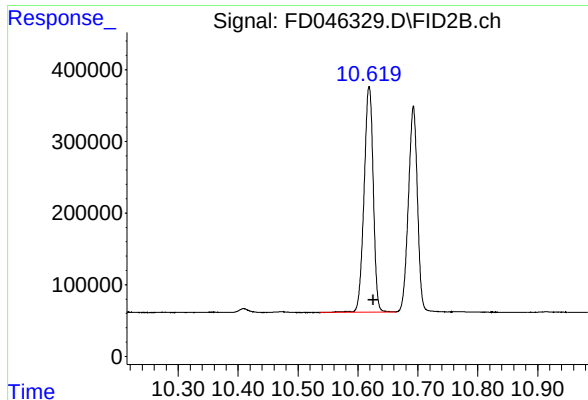
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.007 min
Response: 3414060
Conc: 20.94 ug/ml



#8 Flouorene (C16.55)

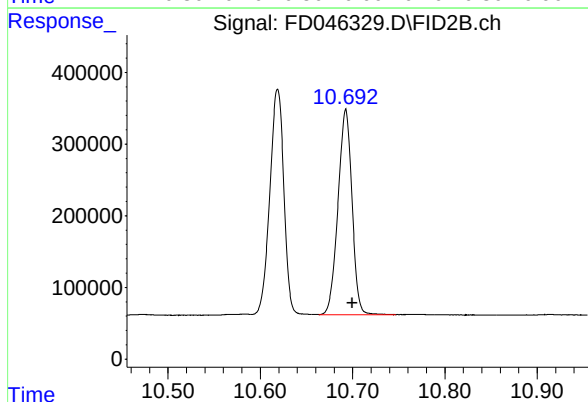
R.T.: 9.229 min
Delta R.T.: -0.008 min
Response: 3368932
Conc: 22.14 ug/ml



#9 Phenanthrene (C19.36)

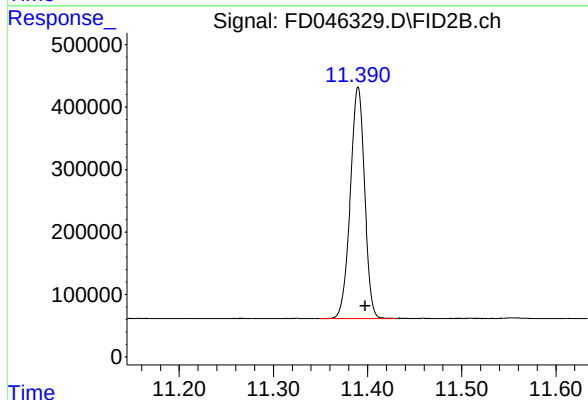
R.T.: 10.619 min
Delta R.T.: -0.007 min
Response: 3356600
Conc: 23.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



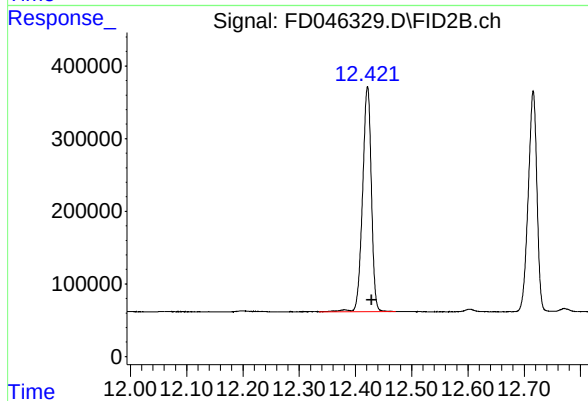
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.007 min
Response: 3024098
Conc: 23.11 ug/ml



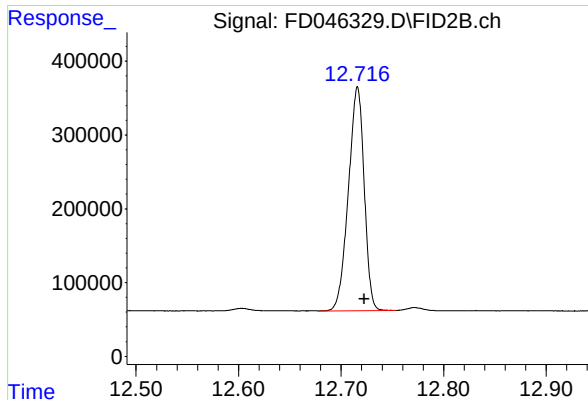
#11 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.008 min
Response: 3900901
Conc: 22.34 ug/ml



#12 Fluoranthene (C21.85)

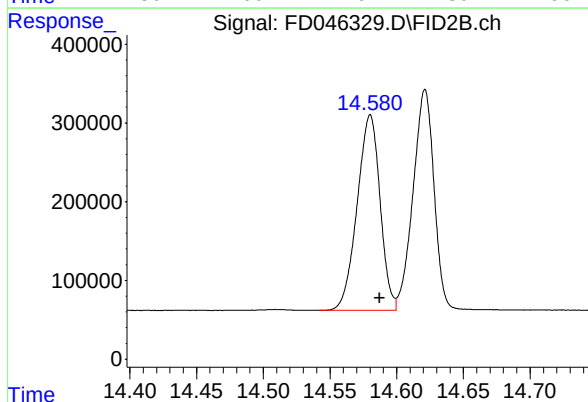
R.T.: 12.421 min
Delta R.T.: -0.007 min
Response: 3364037
Conc: 24.07 ug/ml



#13 Pyrene (C20.8)

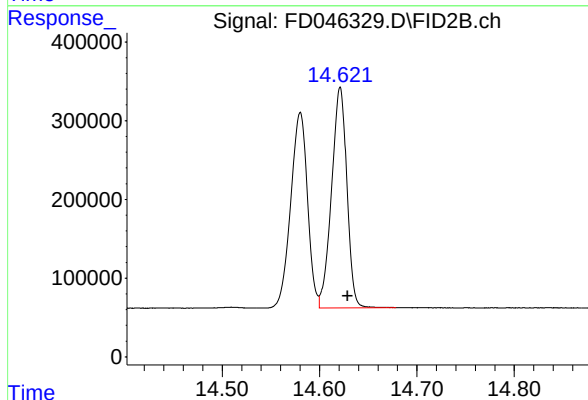
R.T.: 12.716 min
Delta R.T.: -0.007 min
Response: 3243517
Conc: 23.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



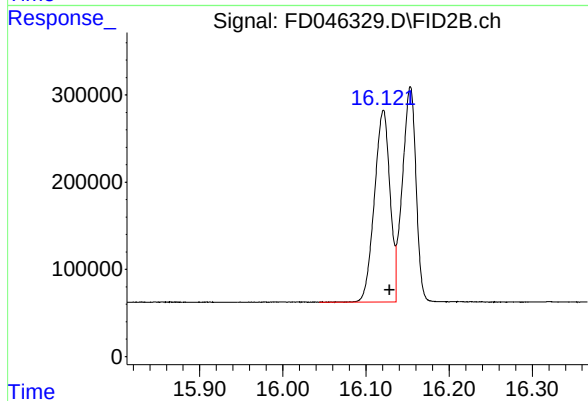
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: -0.007 min
Response: 2964175
Conc: 22.58 ug/ml



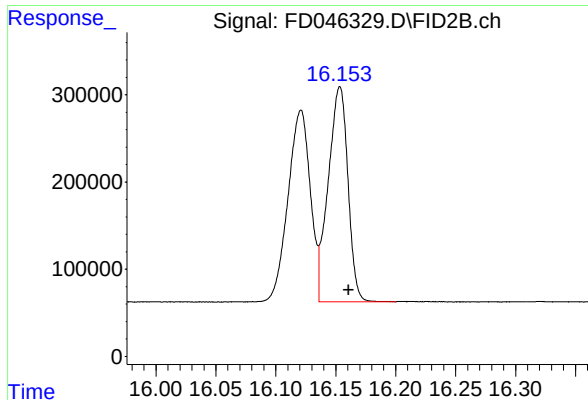
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: -0.008 min
Response: 3064390
Conc: 21.73 ug/ml



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

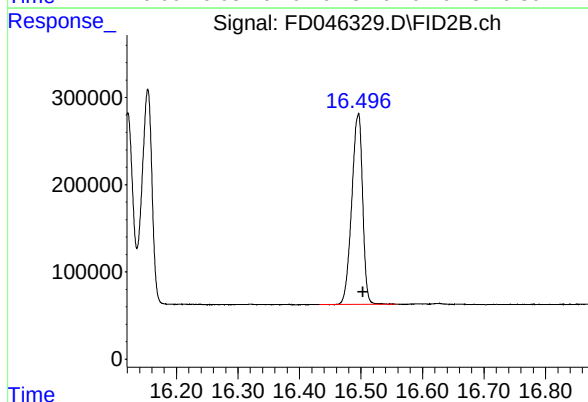
R.T.: 16.121 min
Delta R.T.: -0.008 min
Response: 2855648
Conc: 20.88 ug/ml



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

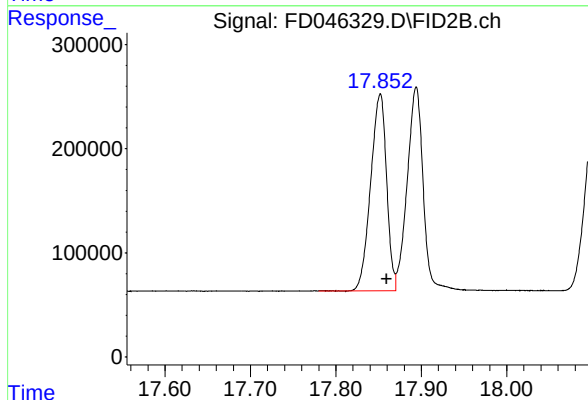
R.T.: 16.153 min
Delta R.T.: -0.008 min
Response: 2815764
Conc: 20.54 ug/ml

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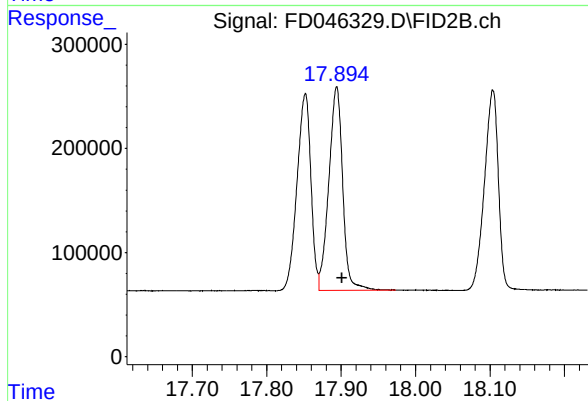
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: -0.008 min
Response: 2685902
Conc: 20.63 ug/ml



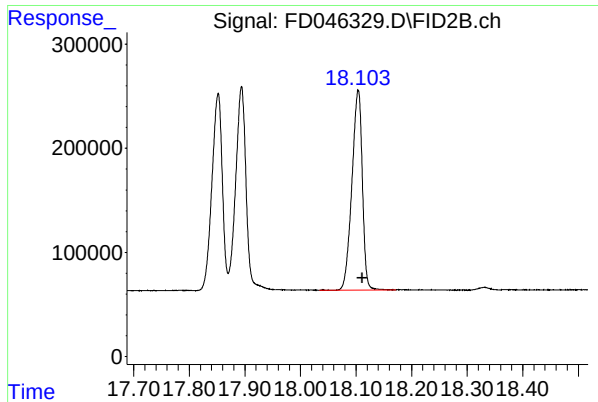
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.008 min
Response: 2442005
Conc: 20.30 ug/ml



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

R.T.: 17.894 min
Delta R.T.: -0.008 min
Response: 2532712
Conc: 19.80 ug/ml



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

R.T.: 18.104 min

Delta R.T.: -0.008 min

Response: 2500843

Conc: 19.71 ug/ml

Instrument :

FID_D

ClientSampleId :

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