

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044530.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 17:26
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 29 00:24:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:18:15 2022
 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...	7.687	6210394	50.382 ug/ml
Spiked Amount 50.000		Recovery =	100.76%
6) S 2-Fluorobiphenyl (SURR)	8.545	4221441	50.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.77%
11) S ortho-Terphenyl (SURR)	11.578	7787402	50.394 ug/ml
Spiked Amount 50.000		Recovery =	100.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	6830675	50.347 ug/ml
2) T Naphthalene (C11.7)	6.033	7190393	50.353 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	7238706	50.423 ug/ml
5) T Acenaphthylene (C15.06)	8.351	6643442	50.359 ug/ml
7) T Acenaphthene (C15.5)	8.646	7021497	50.381 ug/ml
8) T Flouorene (C16.55)	9.423	6933771	50.497 ug/ml
9) T Phenanthrene (C19.36)	10.814	6852320	50.478 ug/ml
10) T Anthracene (C19.43)	10.889	6674785	50.474 ug/ml
12) T Fluoranthene (C21.85)	12.619	6845716	50.520 ug/ml
13) T Pyrene (C20.8)	12.914	6701863	50.477 ug/ml
14) T Benzo[a]anthracene (C...	14.776	6225993	50.482 ug/ml
15) T Chrysene (C27.41)	14.821	6472893	50.458 ug/ml
16) T benzo[b]fluoranthene ...	16.319	6353361	50.592 ug/ml
17) T Bnezo[k]fluoranthene ...	16.354	6232635	50.306 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.696	6214196	50.493 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	6183698	50.383 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	5965953	50.515 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	6191202	50.424 ug/ml

(f)=RT Delta > 1/2 Window

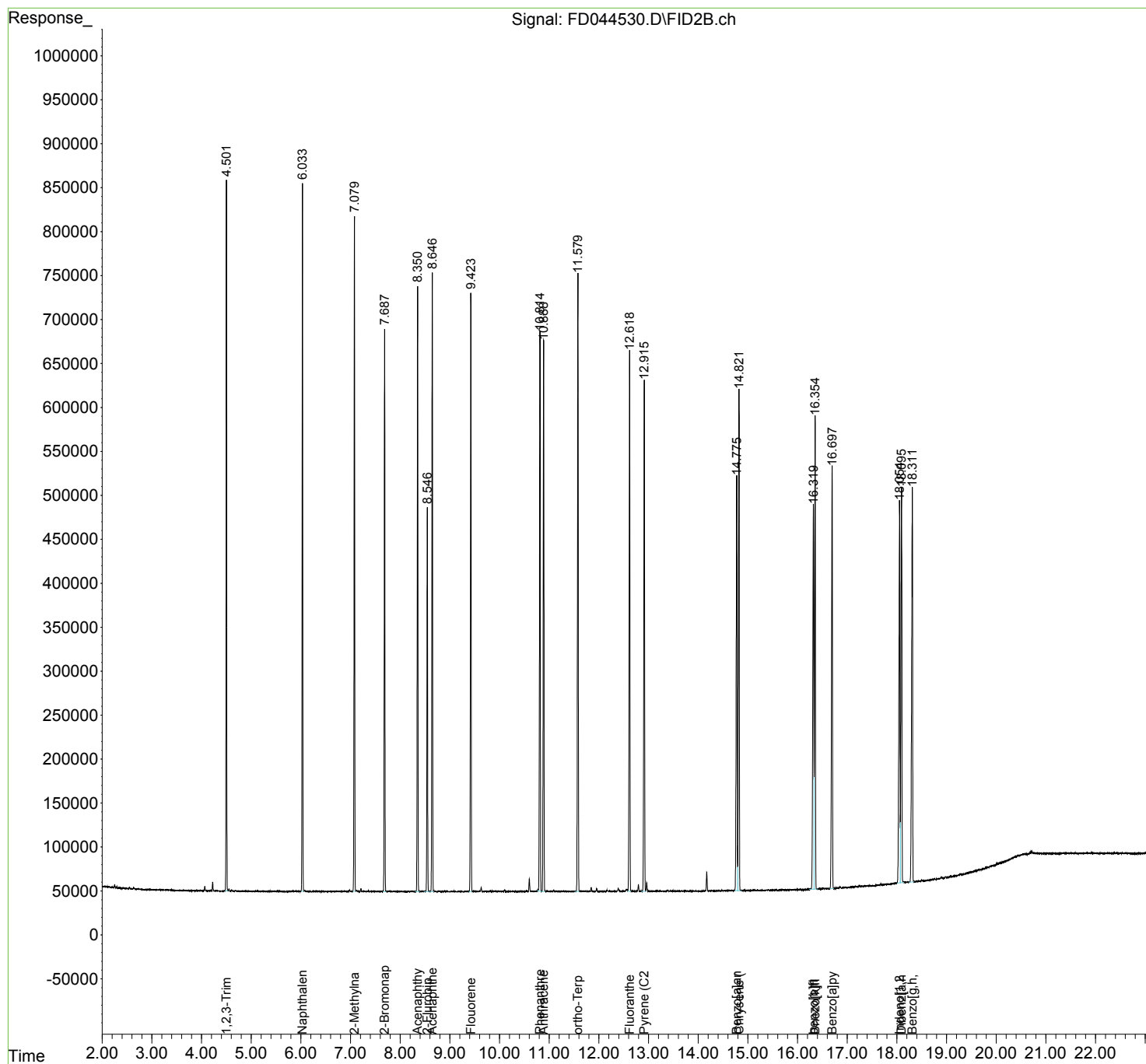
(m)=manual int.

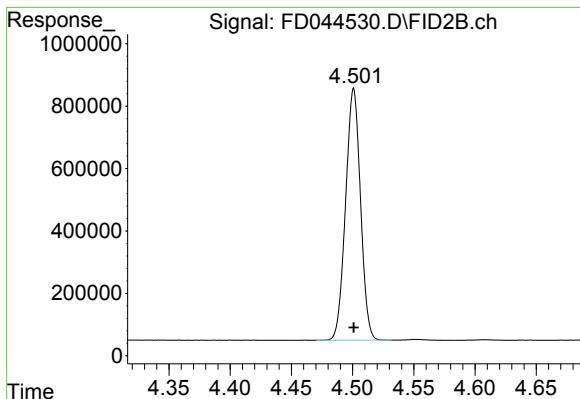
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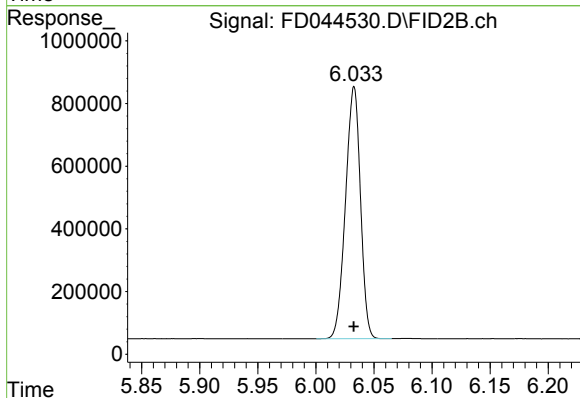




#1 1,2,3-Trimethylbenzene (C10.1)

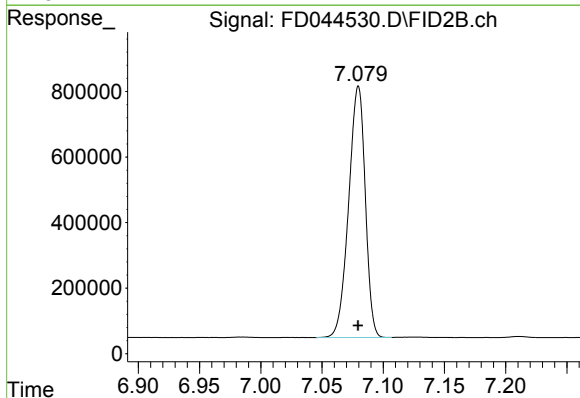
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 6830675
Conc: 50.35 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



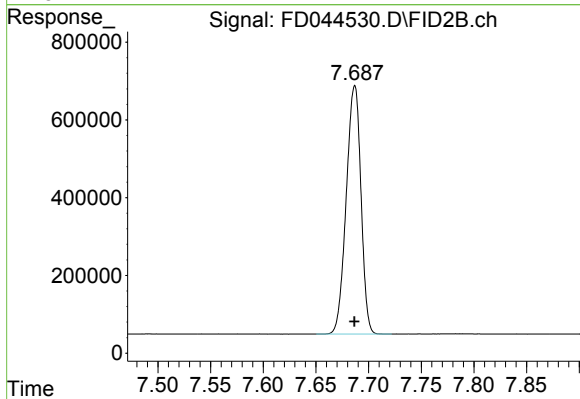
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 7190393
Conc: 50.35 ug/ml



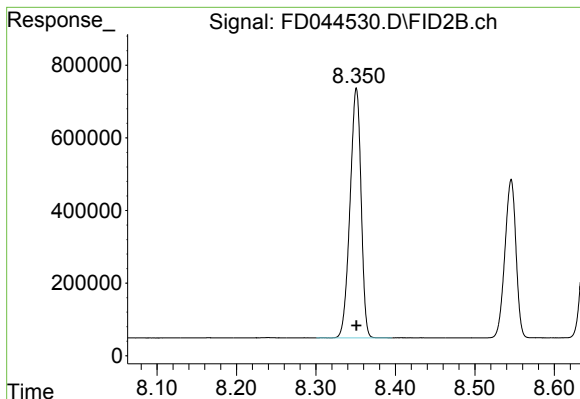
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 7238706
Conc: 50.42 ug/ml



#4 2-Bromonaphthalene (SURR)

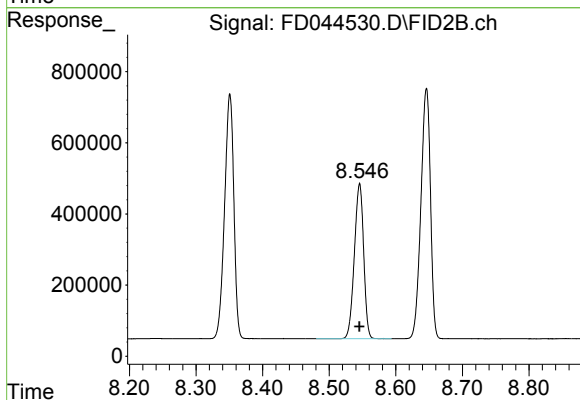
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 6210394
Conc: 50.38 ug/ml



#5 Acenaphthylene (C15.06)

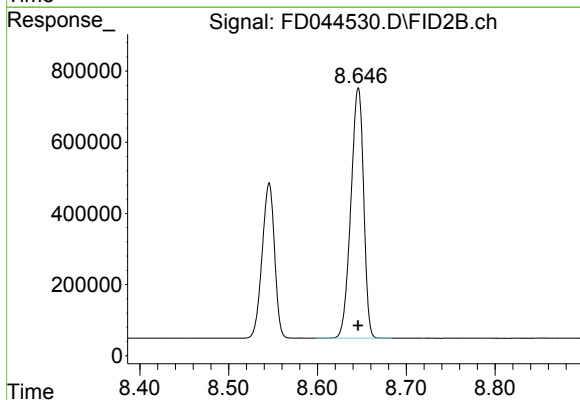
R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 6643442
Conc: 50.36 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



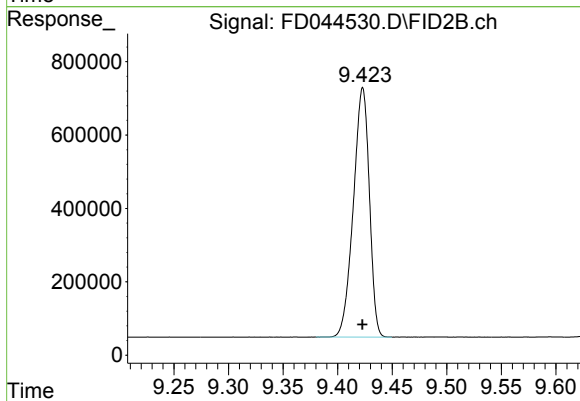
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 4221441
Conc: 50.38 ug/ml



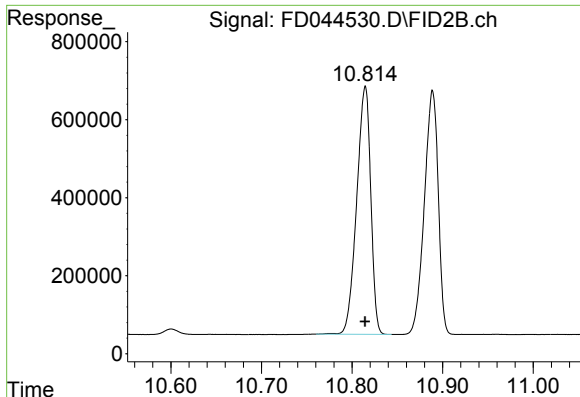
#7 Acenaphthene (C15.5)

R.T.: 8.646 min
Delta R.T.: 0.000 min
Response: 7021497
Conc: 50.38 ug/ml



#8 Fluorene (C16.55)

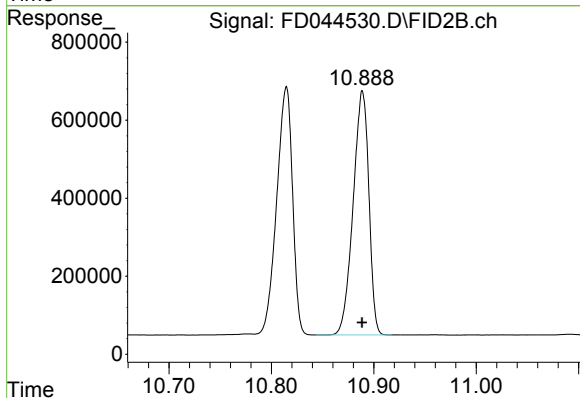
R.T.: 9.423 min
Delta R.T.: 0.000 min
Response: 6933771
Conc: 50.50 ug/ml



#9 Phenanthrene (C19.36)

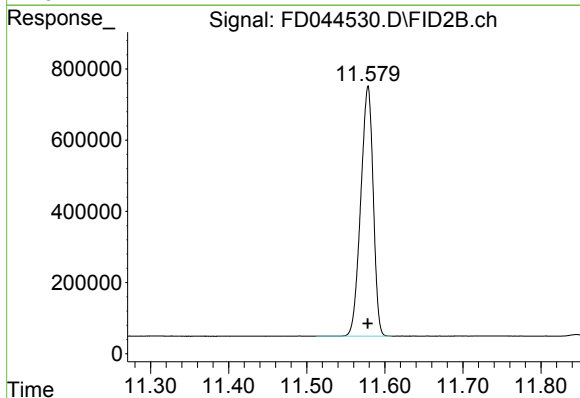
R.T.: 10.814 min
Delta R.T.: 0.000 min
Response: 6852320
Conc: 50.48 ug/ml

Instrument :
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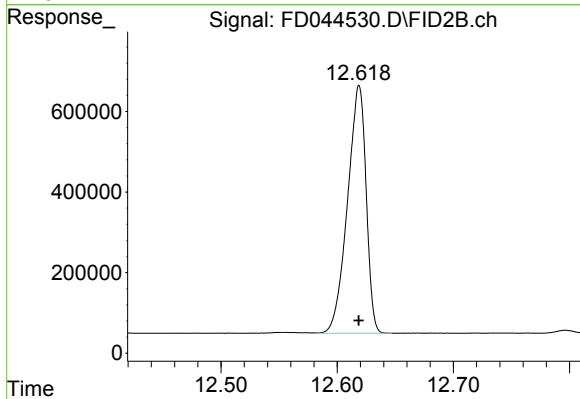
#10 Anthracene (C19.43)

R.T.: 10.889 min
Delta R.T.: 0.000 min
Response: 6674785
Conc: 50.47 ug/ml



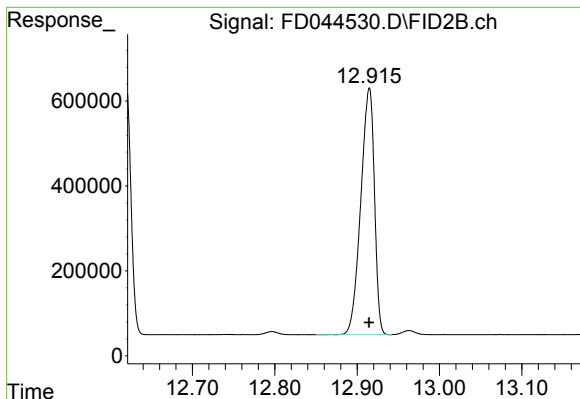
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 7787402
Conc: 50.39 ug/ml



#12 Fluoranthene (C21.85)

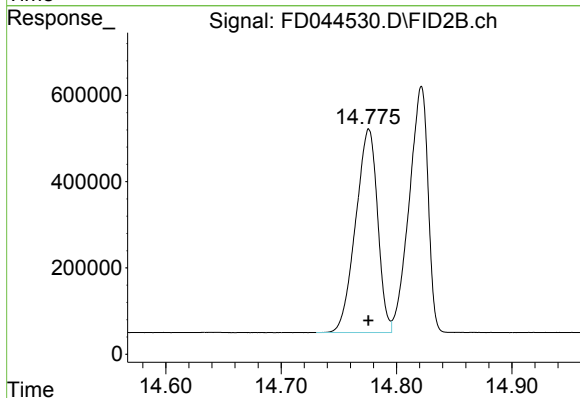
R.T.: 12.619 min
Delta R.T.: 0.000 min
Response: 6845716
Conc: 50.52 ug/ml



#13 Pyrene (C20.8)

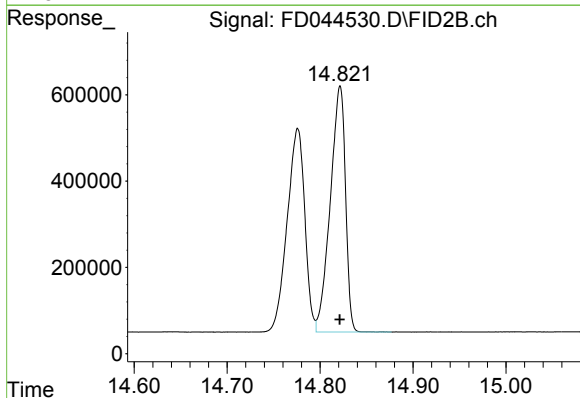
R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 6701863
Conc: 50.48 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



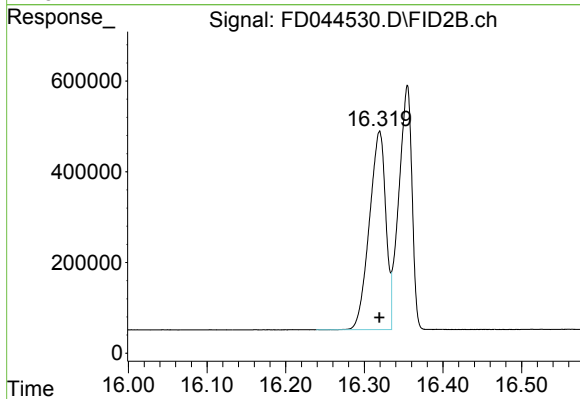
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.776 min
Delta R.T.: 0.000 min
Response: 6225993
Conc: 50.48 ug/ml



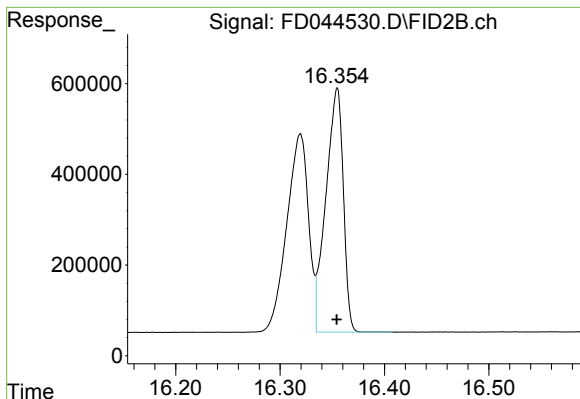
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: 0.000 min
Response: 6472893
Conc: 50.46 ug/ml



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

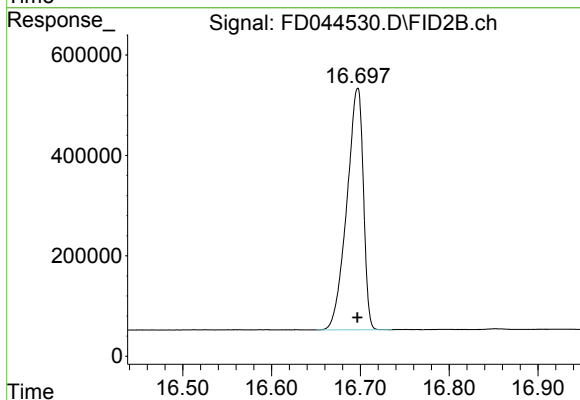
R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 6353361
Conc: 50.59 ug/ml



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

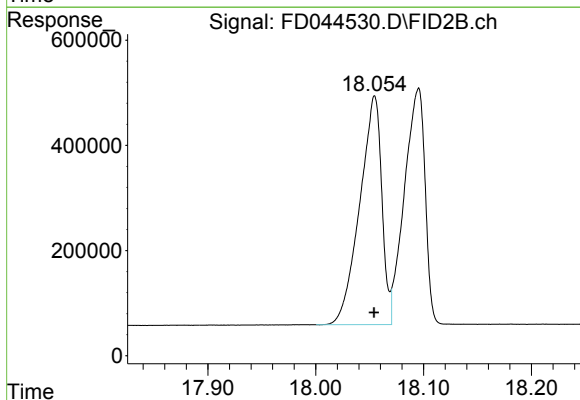
R.T.: 16.354 min
Delta R.T.: 0.000 min
Response: 6232635
Conc: 50.31 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



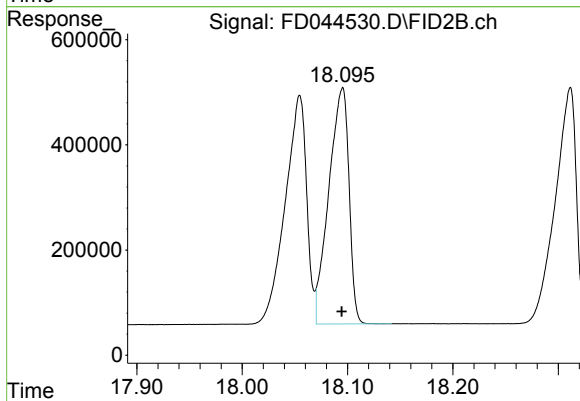
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.696 min
Delta R.T.: 0.000 min
Response: 6214196
Conc: 50.49 ug/ml



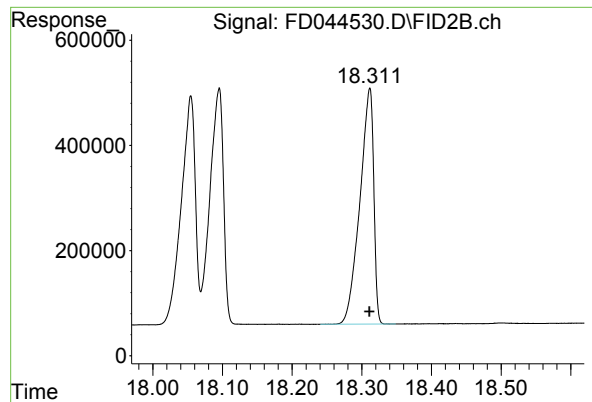
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 6183698
Conc: 50.38 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 5965953
Conc: 50.52 ug/ml



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

R.T.: 18.311 min

Delta R.T.: 0.000 min

Response: 6191202

Conc: 50.42 ug/ml

Instrument :

FID_D

ClientSampleId :

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