

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044795.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 23:05
 Operator : YP/AJ
 Sample : 01132-03MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

EPH-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/16/2023

Supervised By :Ankita Jodhani 01/16/2023

Integration File: autoint1.e

Quant Time: Jan 16 03:13:27 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M

Quant Title : GC Extractables

QLast Update : Sun Dec 25 17:15:10 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...	7.662	7294047	50.581 ug/ml
Spiked Amount 50.000		Recovery =	101.16%
6) S 2-Fluorobiphenyl (SURR)	8.519	4782714	49.270 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.54%
11) S ortho-Terphenyl (SURR)	11.547	6942683	38.534 ug/ml
Spiked Amount 50.000		Recovery =	77.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	5717789	35.537 ug/ml
2) T Naphthalene (C11.7)	6.009	6201132	36.946 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	6186366	36.793 ug/ml
5) T Acenaphthylene (C15.06)	8.324	6670723	43.981 ug/ml
7) T Acenaphthene (C15.5)	8.618	6762285	41.714 ug/ml
8) T Flouorene (C16.55)	9.394	6897801	43.280 ug/ml
9) T Phenanthrene (C19.36)	10.783	6961757	44.361 ug/ml
10) T Anthracene (C19.43)	10.857	6808252	54.141 ug/ml
12) T Fluoranthene (C21.85)	12.585	6970970	44.391 ug/ml
13) T Pyrene (C20.8)	12.881	6930512	45.273 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6610025	46.488 ug/ml
15) T Chrysene (C27.41)	14.784	6643125	43.809 ug/mlm
16) T benzo[b]fluoranthene ...	16.283	6632821	44.103 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	6263481	41.342 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	5867816	40.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	5420072	38.327 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	5456994	37.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5377988	37.857 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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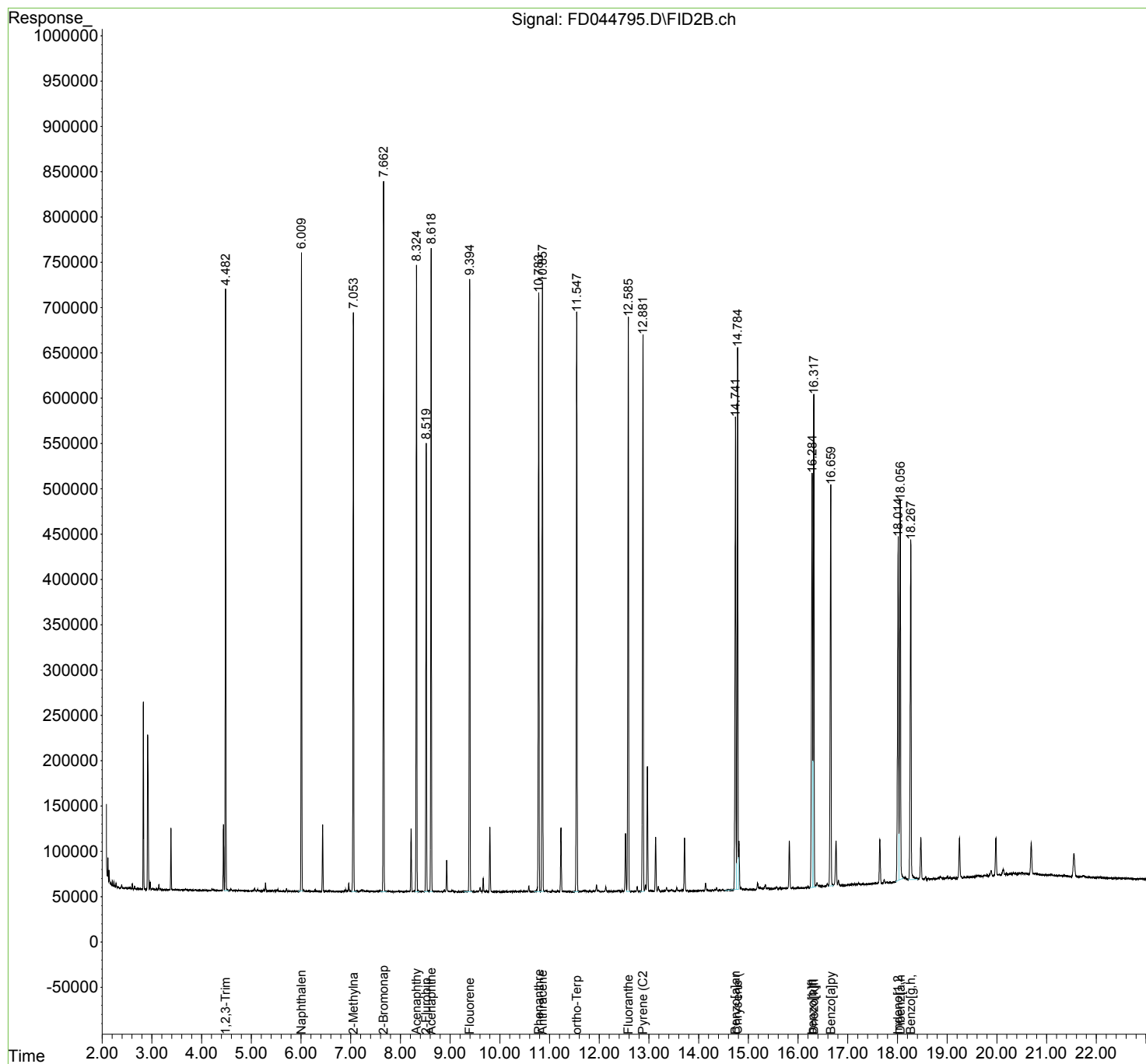
Instrument :
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EPH-1MS

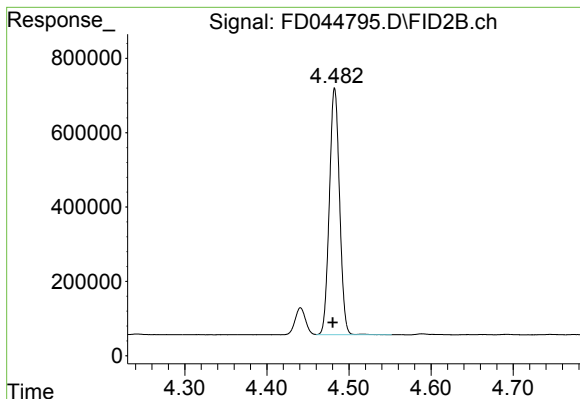
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QLast Update : Sun Dec 25 17:15:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 5717789
Conc: 35.54 ug/ml

Instrument :

FID_D

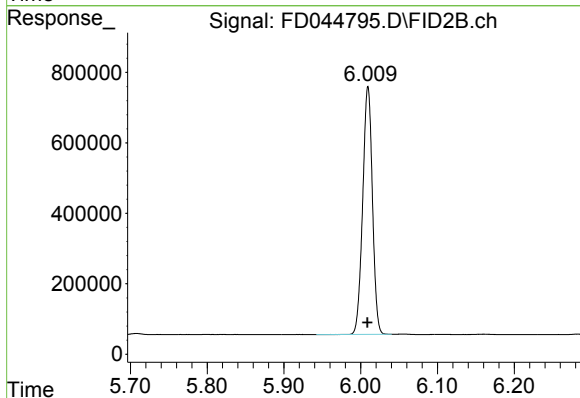
ClientSampleId :

EPH-1MS

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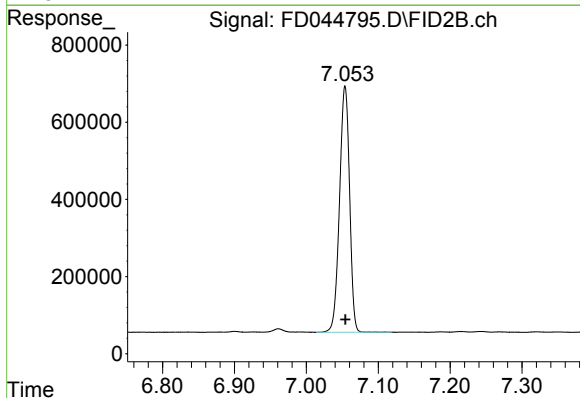
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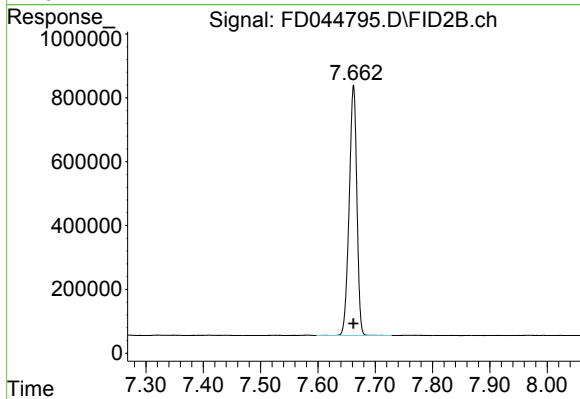
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 6201132
Conc: 36.95 ug/ml



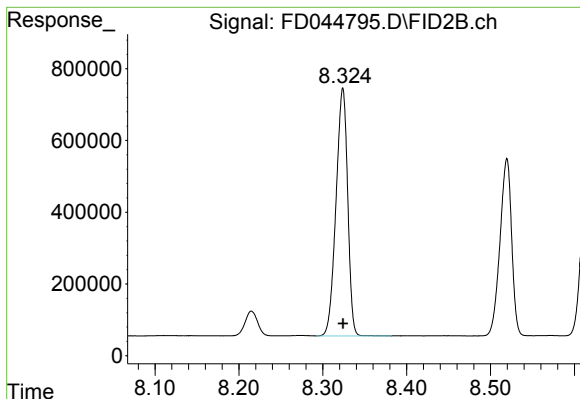
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 6186366
Conc: 36.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7294047
Conc: 50.58 ug/ml



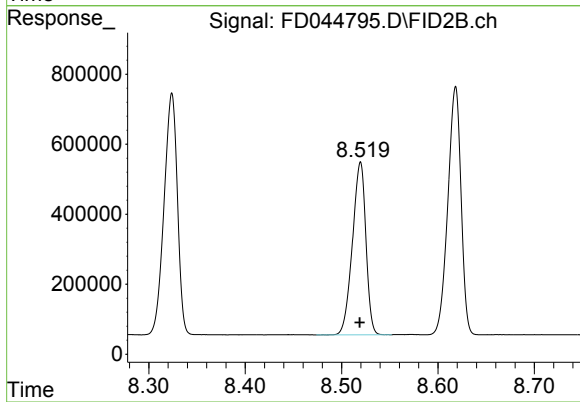
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 6670723
Conc: 43.98 ug/ml

Instrument :
FID_D
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EPH-1MS

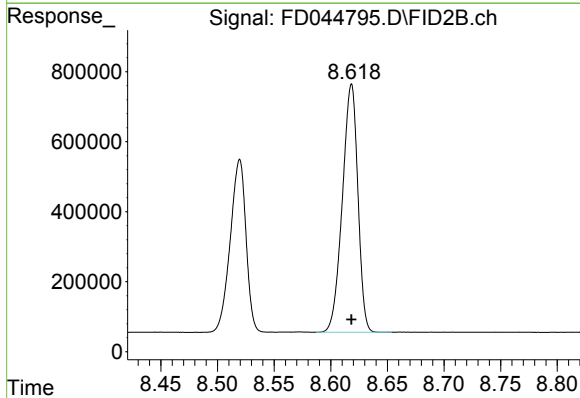
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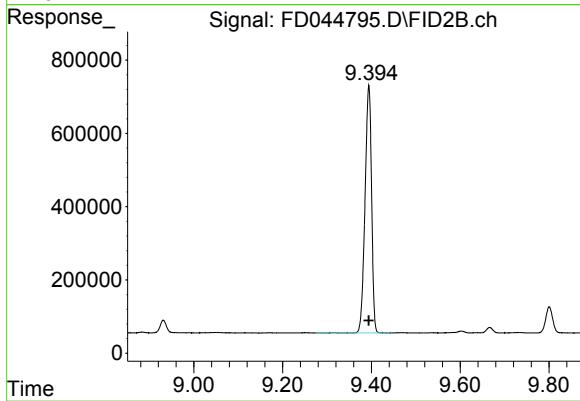
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 4782714
Conc: 49.27 ug/ml



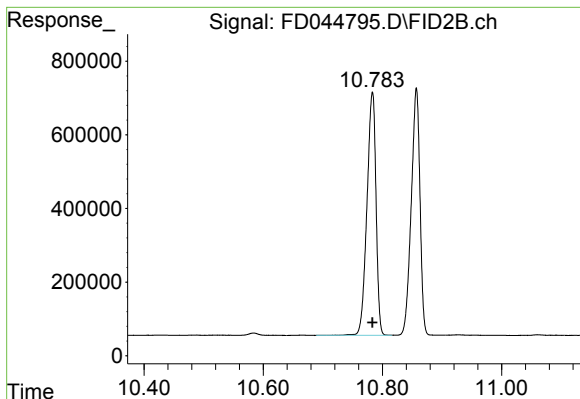
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 6762285
Conc: 41.71 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 6897801
Conc: 43.28 ug/ml



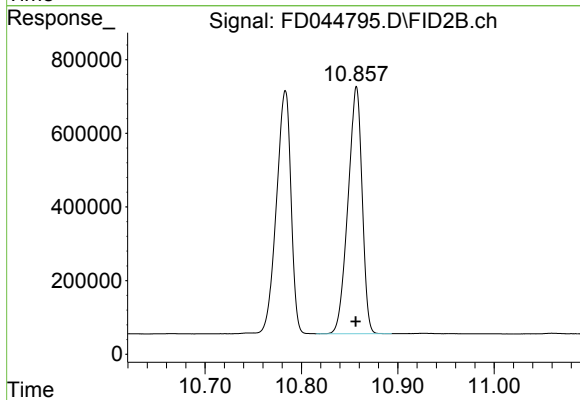
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 6961757
Conc: 44.36 ug/ml

Instrument :
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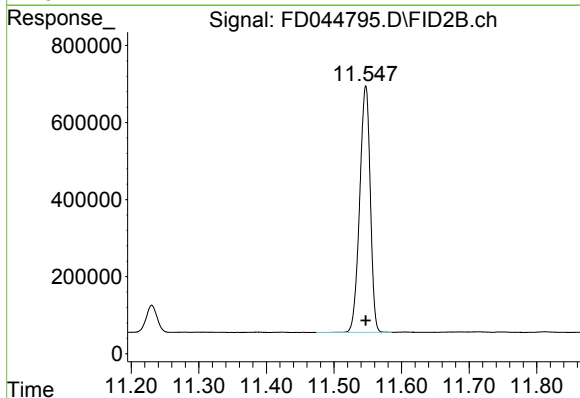
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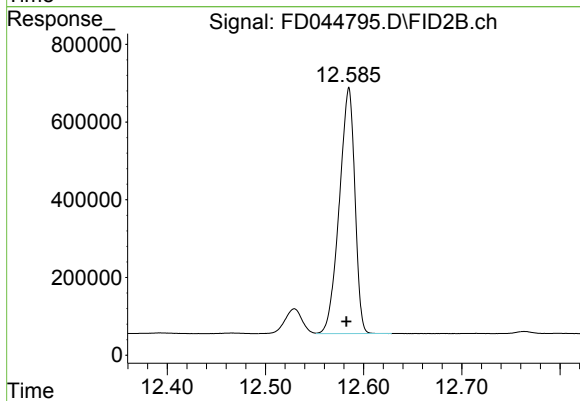
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 6808252
Conc: 54.14 ug/ml



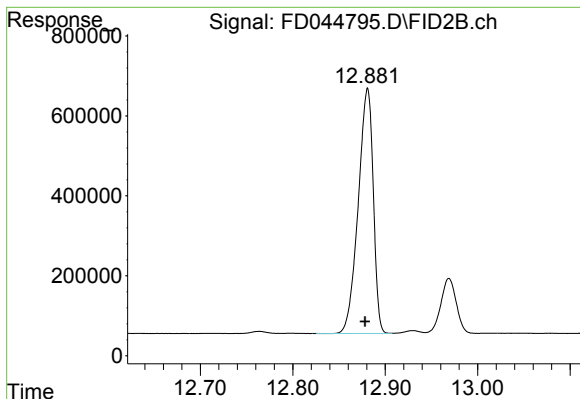
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 6942683
Conc: 38.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: 0.002 min
Response: 6970970
Conc: 44.39 ug/ml



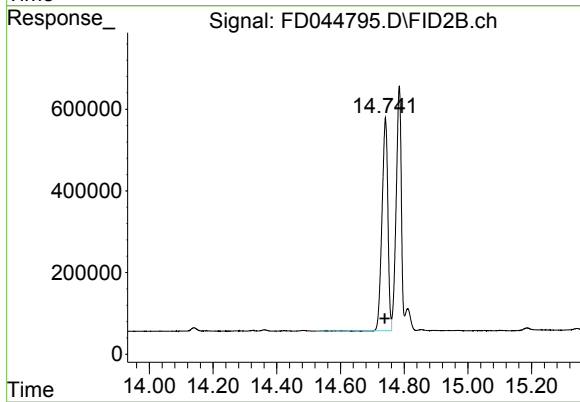
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: 0.002 min
Response: 6930512
Conc: 45.27 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-1MS

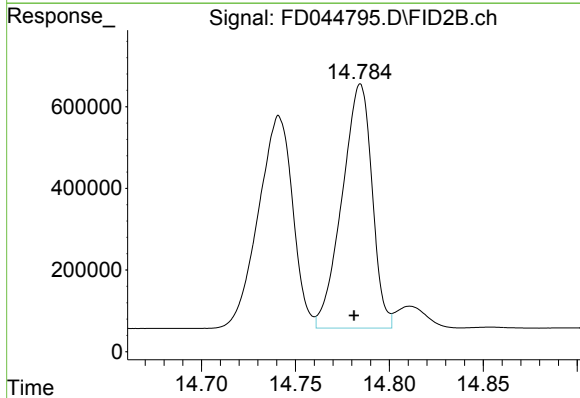
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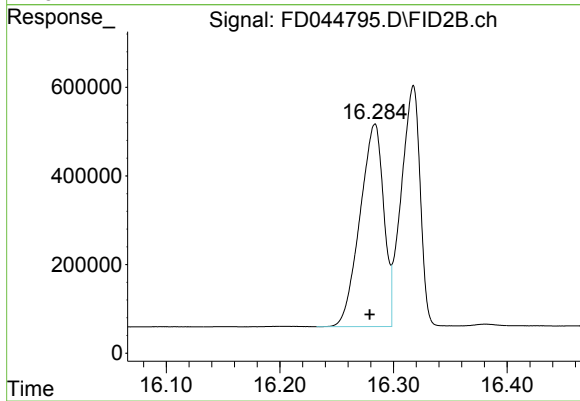
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.002 min
Response: 6610025
Conc: 46.49 ug/ml



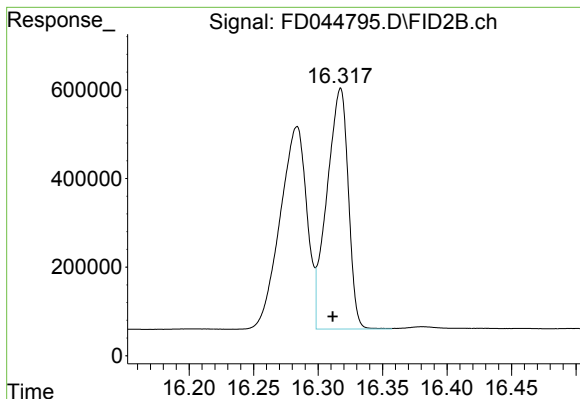
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.003 min
Response: 6643125
Conc: 43.81 ug/ml m



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

R.T.: 16.283 min
Delta R.T.: 0.004 min
Response: 6632821
Conc: 44.10 ug/ml



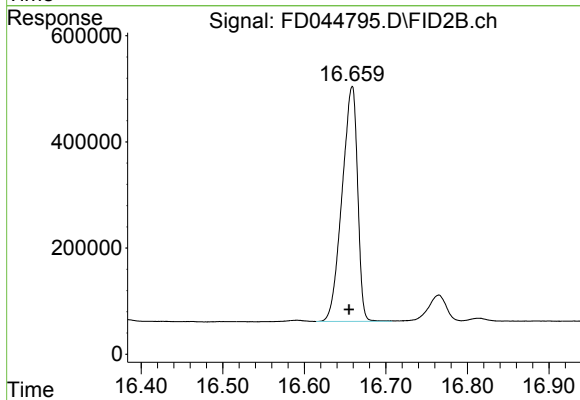
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: 0.006 min
Response: 6263481
Conc: 41.34 ug/ml

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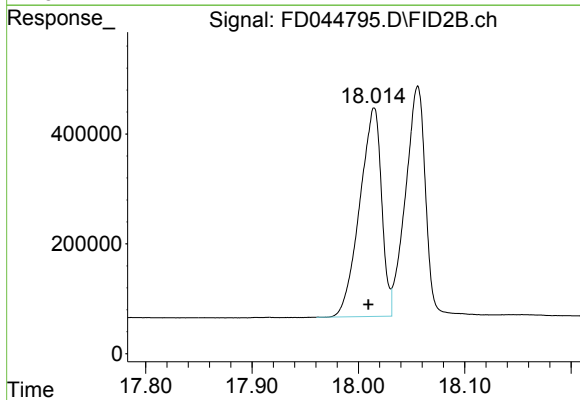
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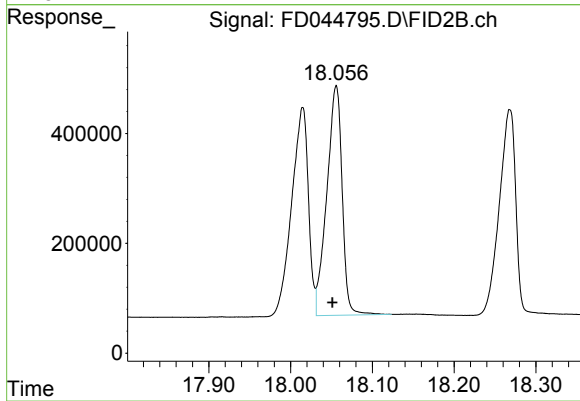
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: 0.003 min
Response: 5867816
Conc: 40.44 ug/ml



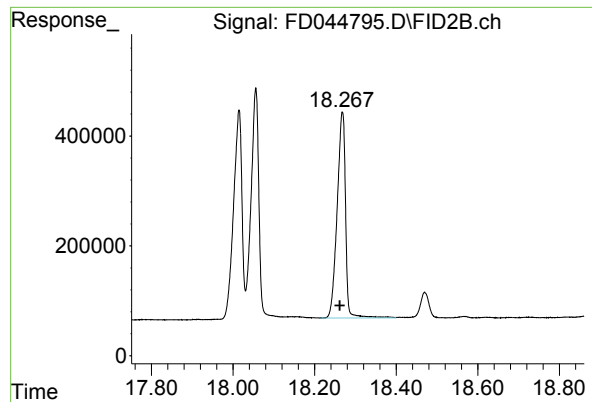
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.005 min
Response: 5420072
Conc: 38.33 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.005 min
Response: 5456994
Conc: 37.23 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5377988
Conc: 37.86 ug/ml

Instrument :

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