

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083024AR\
 Data File : FD048260.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 17:52
 Operator : YP/AJ
 Sample : PB163095BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB163095BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/03/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 02:53:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.393	6531906	43.762 ug/ml
Spiked Amount 50.000		Recovery =	87.52%
6) S 2-Fluorobiphenyl (SURR)	8.243	4288084	44.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.60%
11) S ortho-Terphenyl (SURR)	11.280	6661035	39.544 ug/ml
Spiked Amount 50.000		Recovery =	79.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	5177134	30.372 ug/mlm
2) T Naphthalene (C11.7)	5.733	5922630	33.989 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	6166721	35.460 ug/ml
5) T Acenaphthylene (C15.06)	8.046	6465872	37.553 ug/ml
7) T Acenaphthene (C15.5)	8.341	6422413	37.091 ug/ml
8) T Flouorene (C16.55)	9.119	6527946	39.585 ug/ml
9) T Phenanthrene (C19.36)	10.507	6508626	40.668 ug/ml
10) T Anthracene (C19.43)	10.582	6396015	40.775 ug/ml
12) T Fluoranthene (C21.85)	12.312	7539478	47.354 ug/ml
13) T Pyrene (C20.8)	12.605	6769266	43.133 ug/ml
14) T Benzo[a]anthracene (C...	14.473	6180147	43.873 ug/ml
15) T Chrysene (C27.41)	14.516	6206998	38.940 ug/ml
16) T benzo[b]fluoranthene ...	16.020	6289229	42.360 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.053	6028721	40.639 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	6037588	40.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	6071318	49.669 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	5919185	38.748 ug/ml
21) T Benzo[g,h,i]perylene ...	18.011	5804384	38.437 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 2024

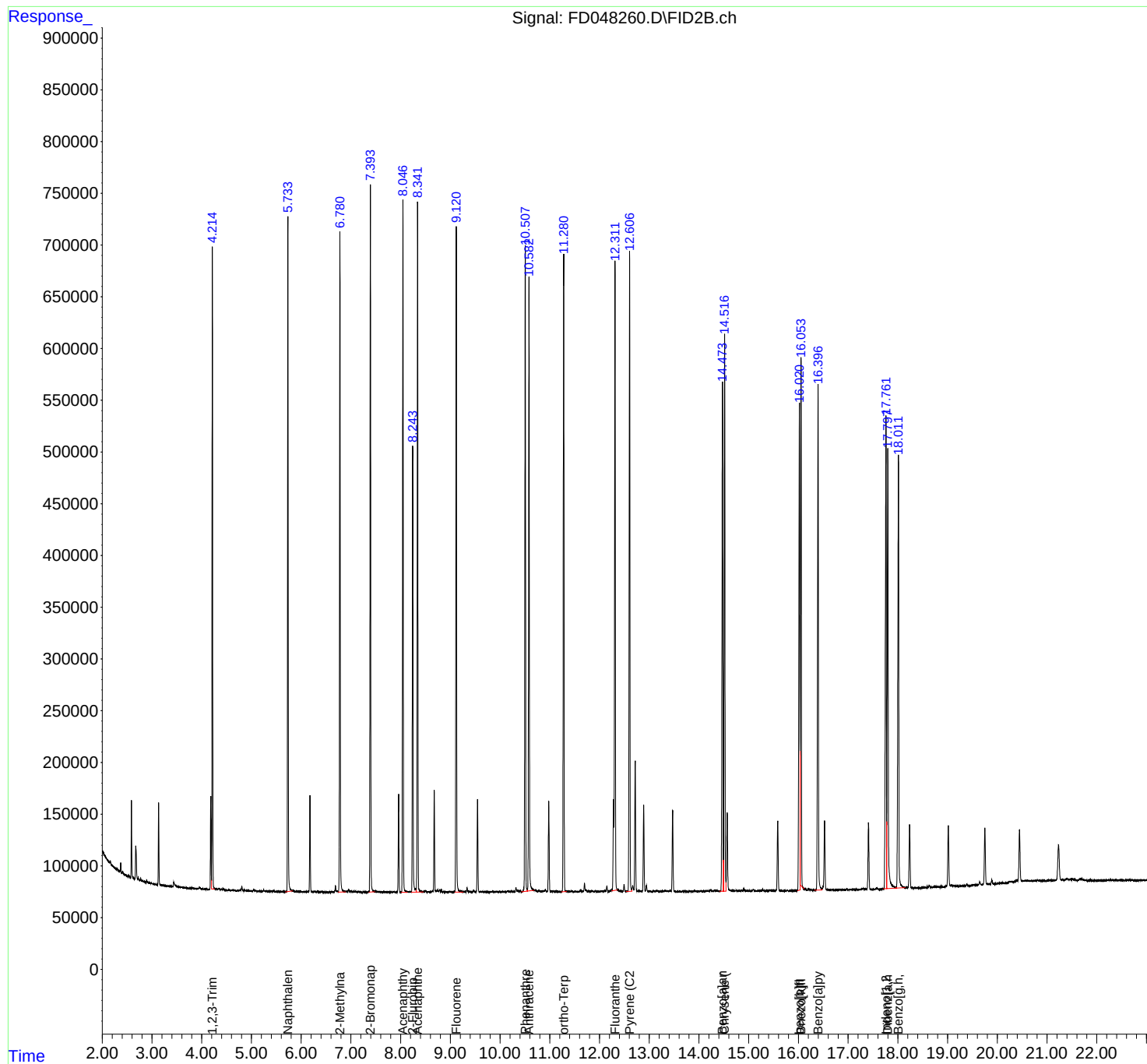
Response via : Initial Calibration

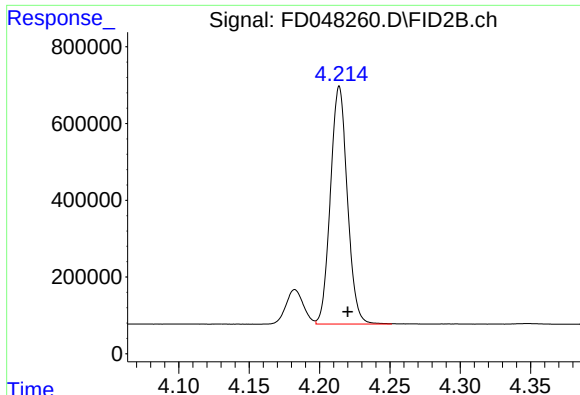
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.214 min
Delta R.T.: -0.006 min
Response: 5177134
Conc: 30.37 ug/ml

Instrument :

FID_D

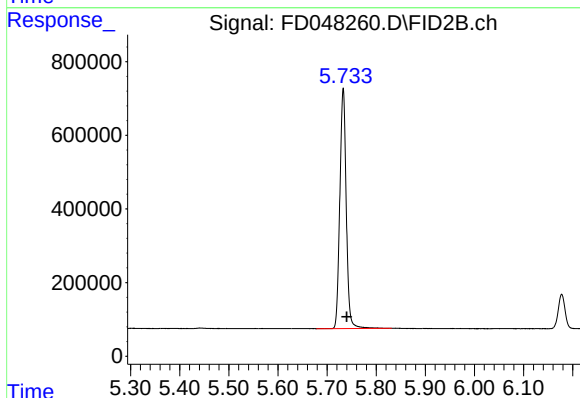
ClientSampleId :

PB163095BS

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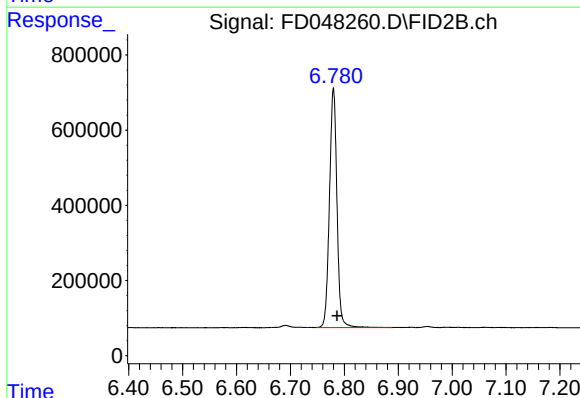
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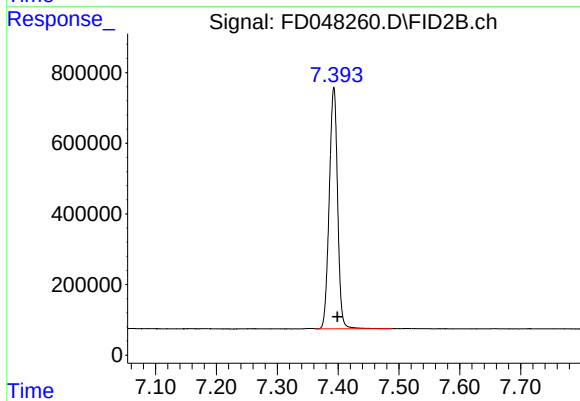
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 5922630
Conc: 33.99 ug/ml



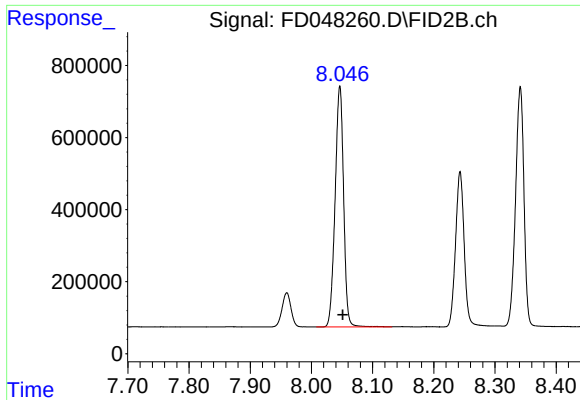
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 6166721
Conc: 35.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.006 min
Response: 6531906
Conc: 43.76 ug/ml



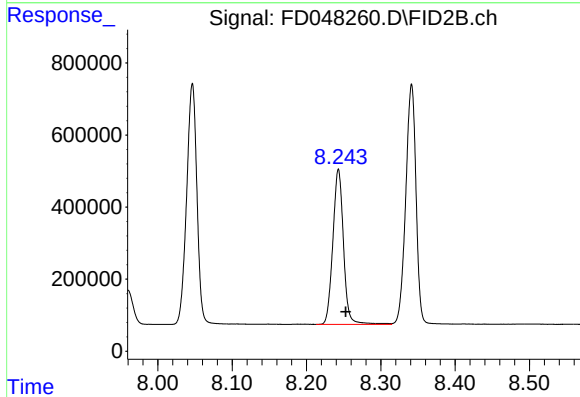
#5 Acenaphthylene (C15.06)

R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 6465872
Conc: 37.55 ug/ml

Instrument :
FID_D
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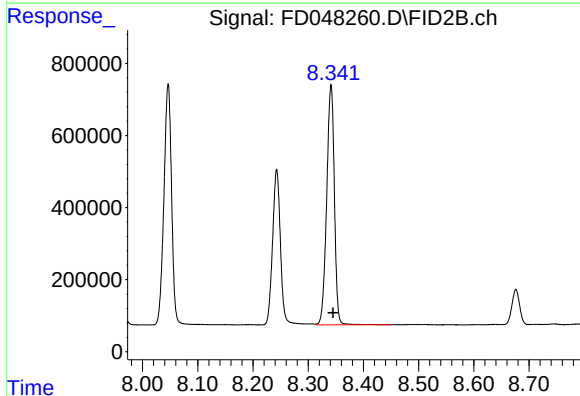
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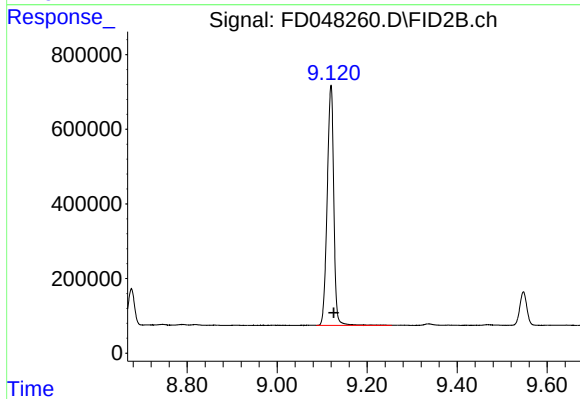
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.010 min
Response: 4288084
Conc: 44.80 ug/ml



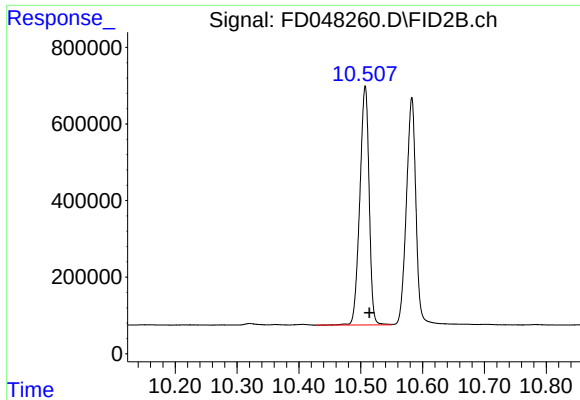
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.004 min
Response: 6422413
Conc: 37.09 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.119 min
Delta R.T.: -0.007 min
Response: 6527946
Conc: 39.58 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: -0.007 min
Response: 6508626
Conc: 40.67 ug/ml

Instrument :

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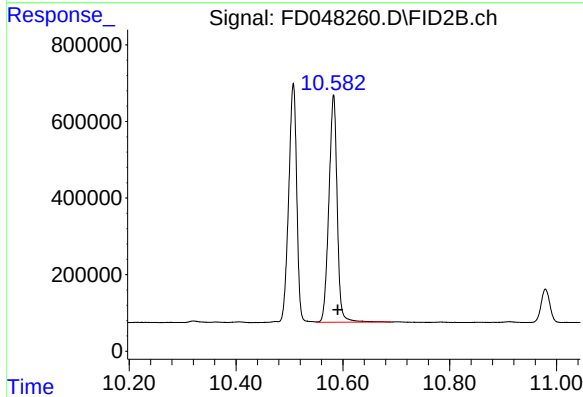
PB163095BS

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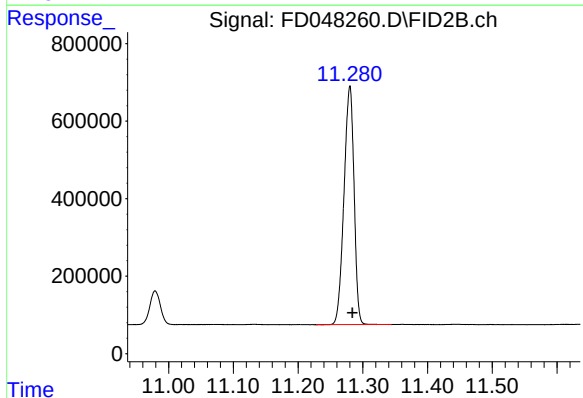
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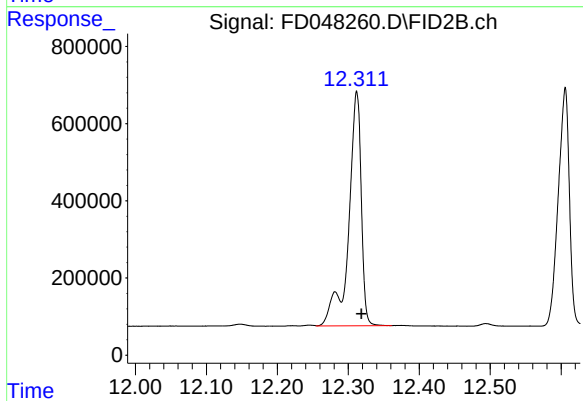
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: -0.008 min
Response: 6396015
Conc: 40.77 ug/ml



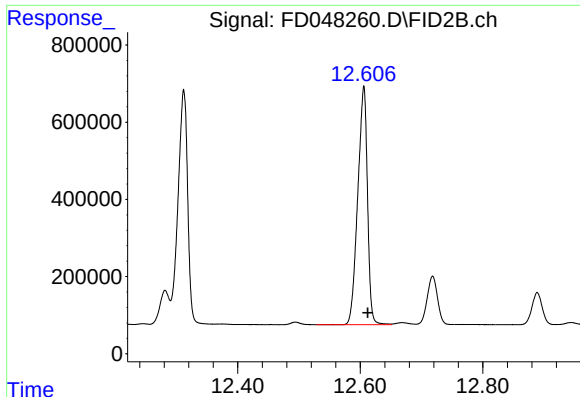
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 6661035
Conc: 39.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: -0.007 min
Response: 7539478
Conc: 47.35 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.007 min
Response: 6769266
Conc: 43.13 ug/ml

Instrument :

FID_D

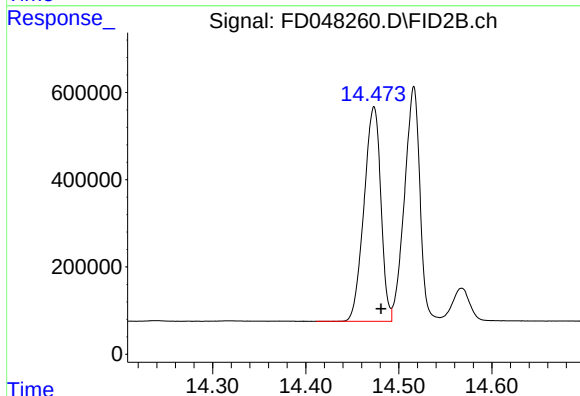
ClientSampleId :

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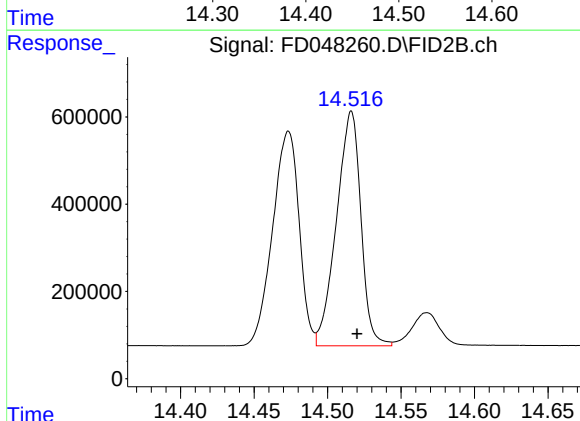
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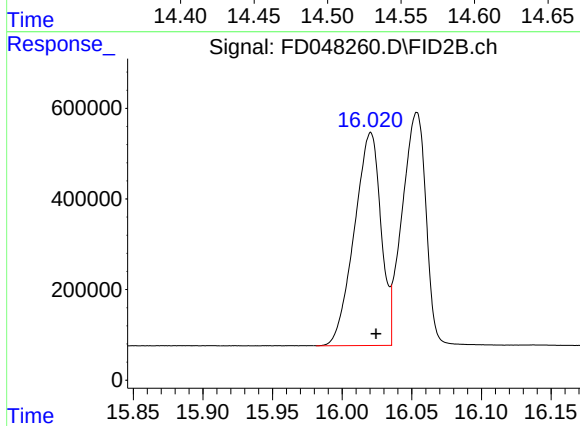
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: -0.008 min
Response: 6180147
Conc: 43.87 ug/ml



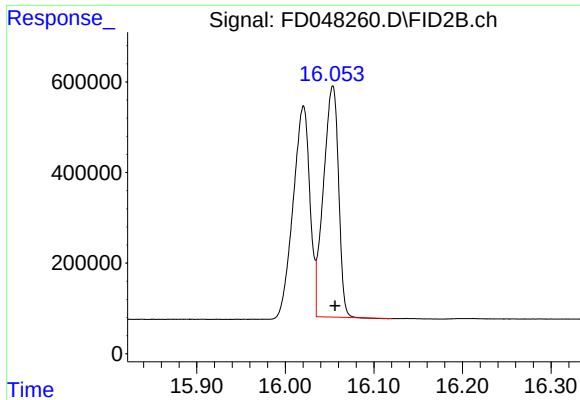
#15 Chrysene (C27.41)

R.T.: 14.516 min
Delta R.T.: -0.004 min
Response: 6206998
Conc: 38.94 ug/ml



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

R.T.: 16.020 min
Delta R.T.: -0.004 min
Response: 6289229
Conc: 42.36 ug/ml m



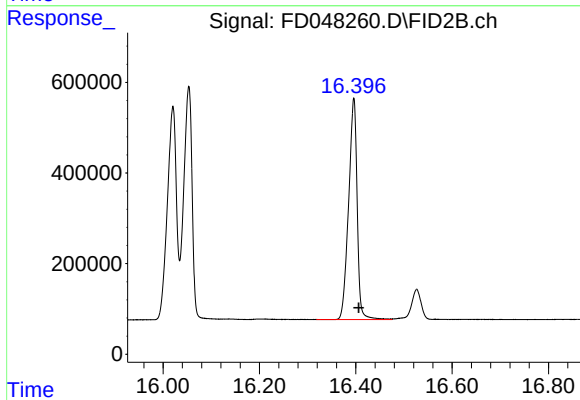
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.053 min
Delta R.T.: -0.003 min
Response: 6028721
Conc: 40.64 ug/ml

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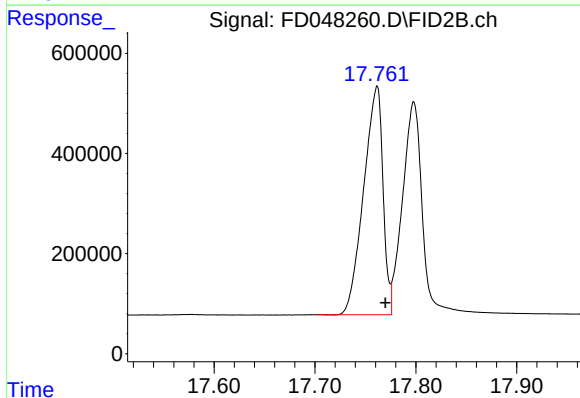
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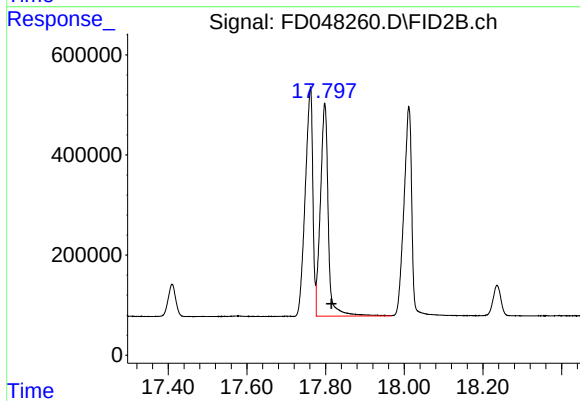
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: -0.011 min
Response: 6037588
Conc: 41.00 ug/ml



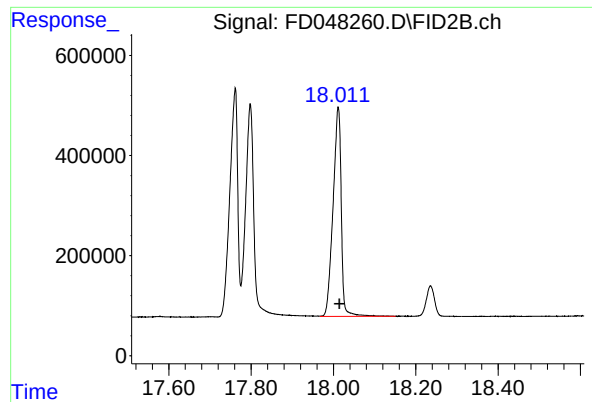
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: -0.009 min
Response: 6071318
Conc: 49.67 ug/ml



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

R.T.: 17.798 min
Delta R.T.: -0.017 min
Response: 5919185
Conc: 38.75 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.003 min
Response: 5804384
Conc: 38.44 ug/ml

Instrument :

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