

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101422AR\
 Data File : FD044135.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2022 20:29
 Operator : YP/AJ
 Sample : PB148344BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB148344BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2022

Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e

Quant Time: Oct 15 15:37:26 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M

Quant Title : GC Extractables

QLast Update : Fri Oct 14 01:33:37 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...	7.417	6556454	52.808 ug/ml
Spiked Amount 50.000		Recovery =	105.62%
6) S 2-Fluorobiphenyl (SURR)	8.271	3217187	42.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.45%
11) S ortho-Terphenyl (SURR)	11.304	7136892	42.165 ug/ml
Spiked Amount 50.000		Recovery =	84.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	4311682	30.547 ug/mlm
2) T Naphthalene (C11.7)	5.756	5457802	39.811 ug/ml
3) T 2-Methylnaphthalene (...)	6.803	5823357	41.079 ug/ml
5) T Acenaphthylene (C15.06)	8.074	6386802	45.528 ug/ml
7) T Acenaphthene (C15.5)	8.367	6825338	43.891 ug/ml
8) T Flouorene (C16.55)	9.147	6870409	48.837 ug/ml
9) T Phenanthrene (C19.36)	10.538	7037231	52.255 ug/ml
10) T Anthracene (C19.43)	10.614	7185337	53.474 ug/ml
12) T Fluoranthene (C21.85)	12.344	7018035	52.550 ug/ml
13) T Pyrene (C20.8)	12.640	6820596	53.998 ug/ml
14) T Benzo[a]anthracene (C...	14.510	6389334	60.153 ug/ml
15) T Chrysene (C27.41)	14.553	7089614	54.083 ug/ml
16) T benzo[b]fluoranthene ...	16.057	6188735	55.145 ug/ml
17) T Bnezo[k]fluoranthene ...	16.091	6152661	48.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	5550659	47.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.803	5931394	55.637 ug/ml
20) T Dibenz[a,h]anthracene...	17.836	6133638	49.579 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	6092635	51.898 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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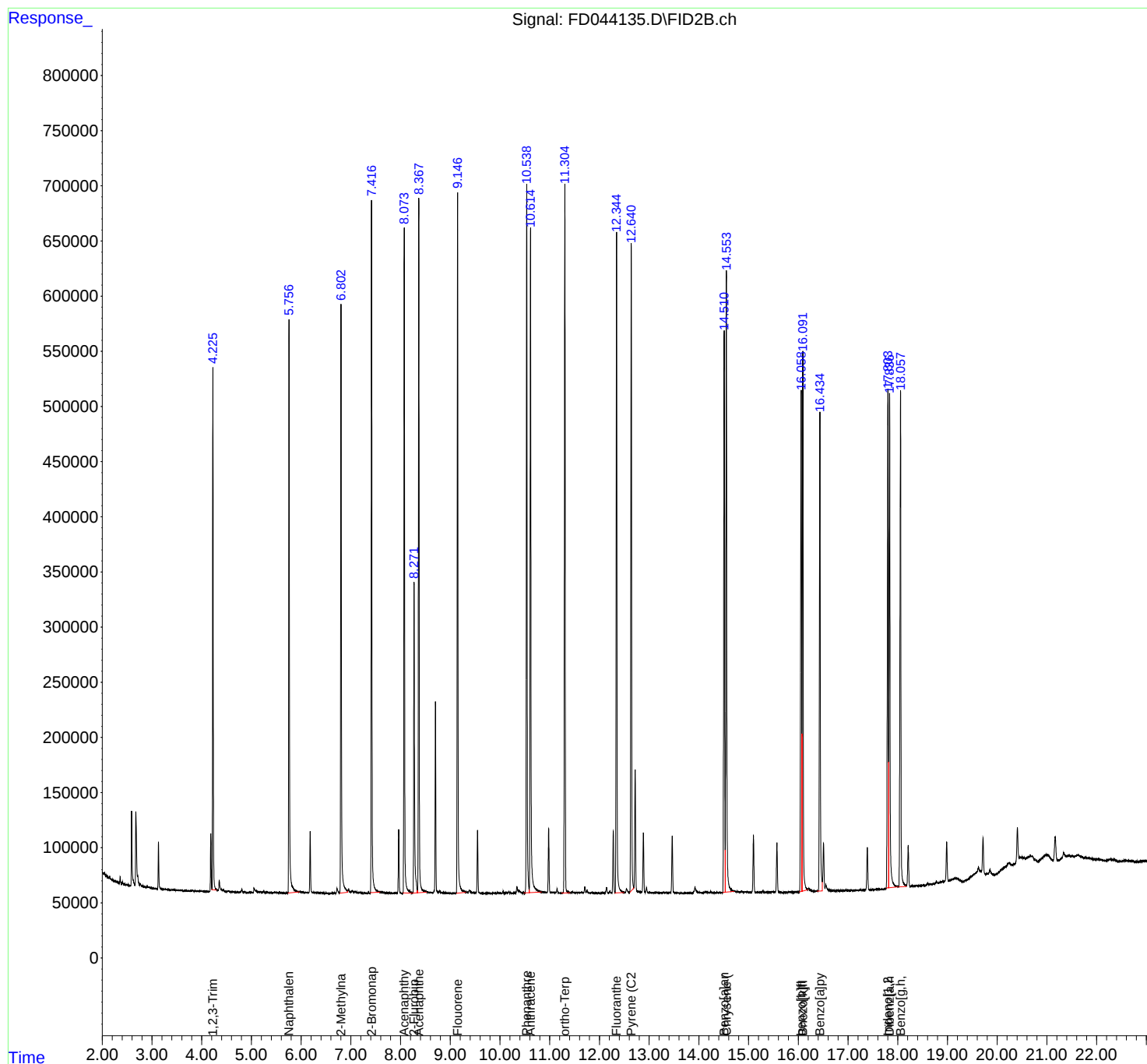
Instrument :
FID_D
ClientSampleId :
PB148344BS

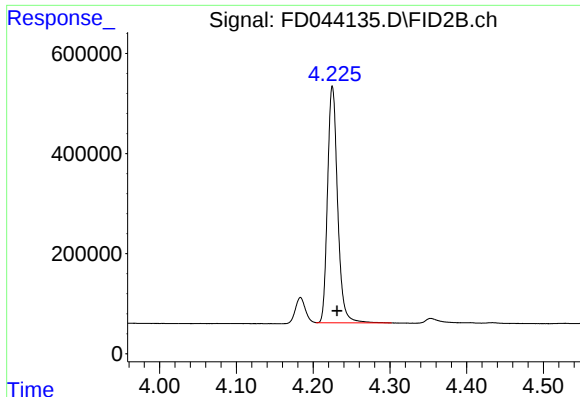
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Integrator: ChemStation

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.: 4.225 min
Delta R.T.: -0.006 min
Response: 4311682
Conc: 30.55 ug/ml

Instrument :

FID_D

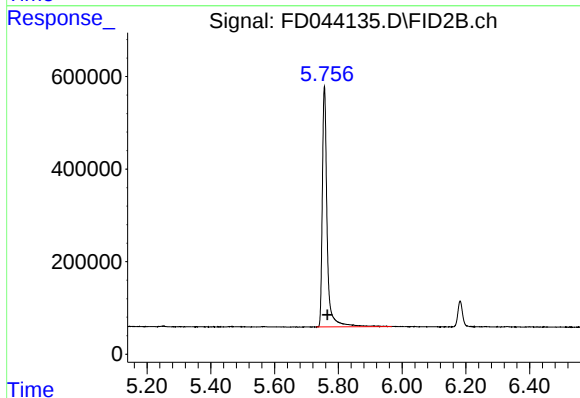
ClientSampleId :

PB148344BS

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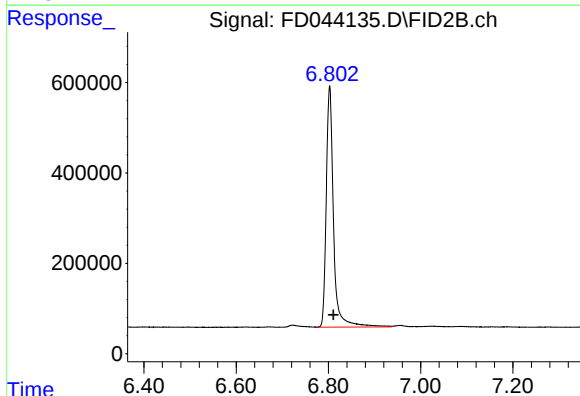
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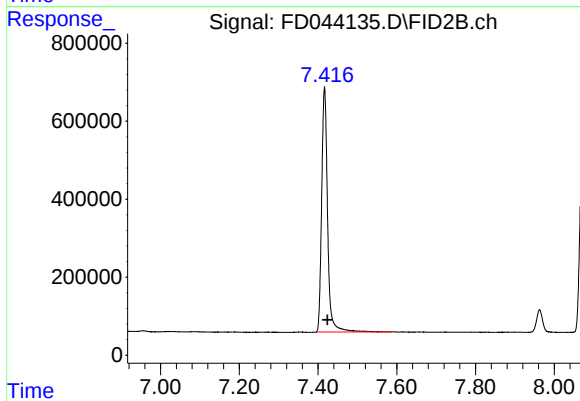
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.009 min
Response: 5457802
Conc: 39.81 ug/ml



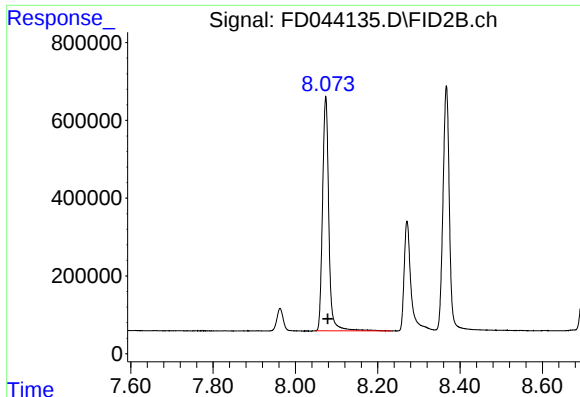
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.009 min
Response: 5823357
Conc: 41.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.417 min
Delta R.T.: -0.007 min
Response: 6556454
Conc: 52.81 ug/ml



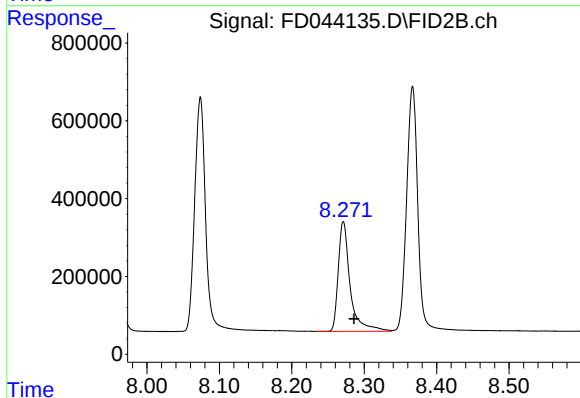
#5 Acenaphthylene (C15.06)

R.T.: 8.074 min
Delta R.T.: -0.005 min
Response: 6386802
Conc: 45.53 ug/ml

Instrument :
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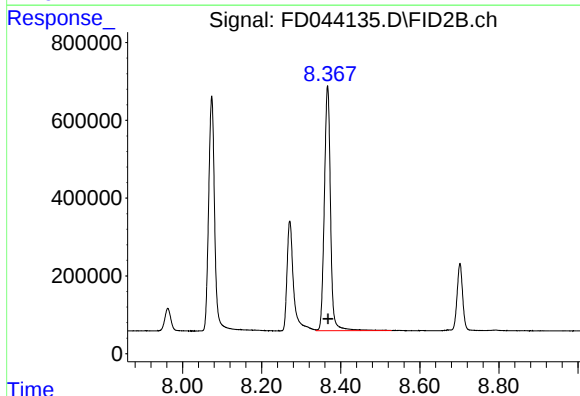
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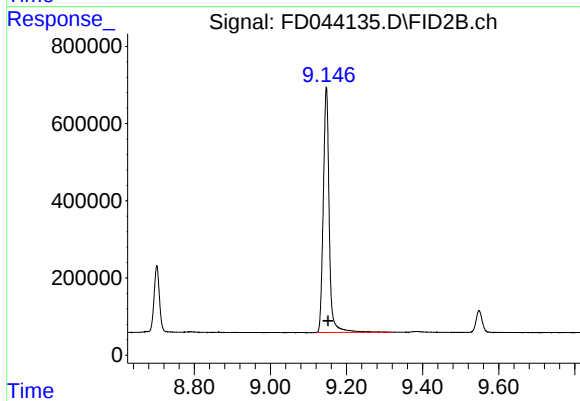
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 3217187
Conc: 42.73 ug/ml



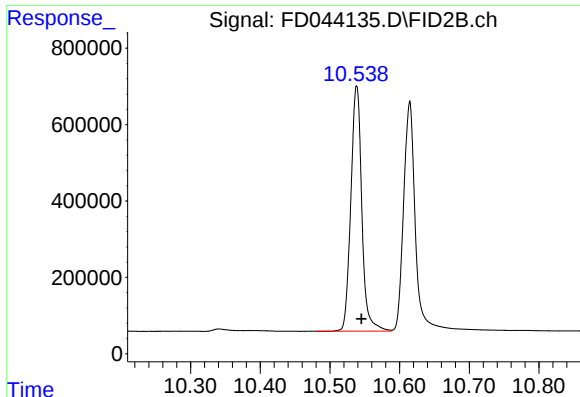
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 6825338
Conc: 43.89 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.147 min
Delta R.T.: -0.005 min
Response: 6870409
Conc: 48.84 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.538 min
Delta R.T.: -0.007 min
Response: 7037231
Conc: 52.25 ug/ml

Instrument :

FID_D

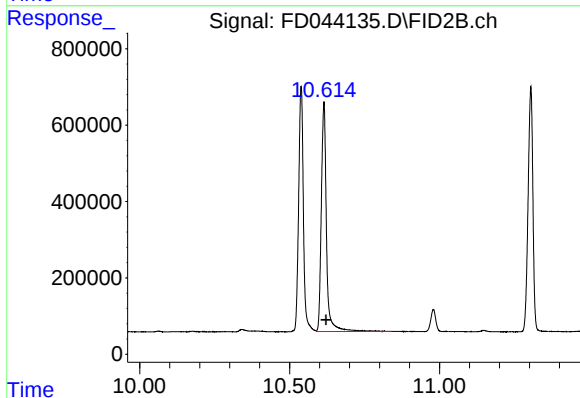
ClientSampleId :

PB148344BS

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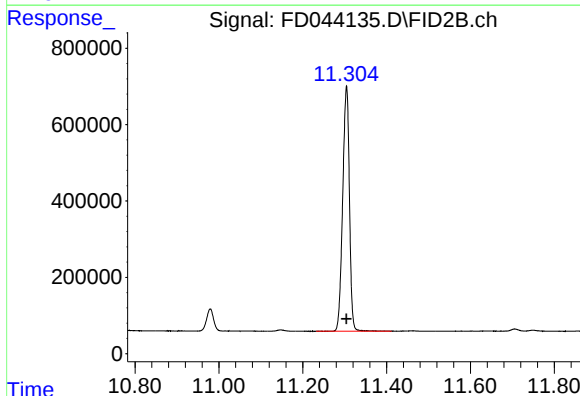
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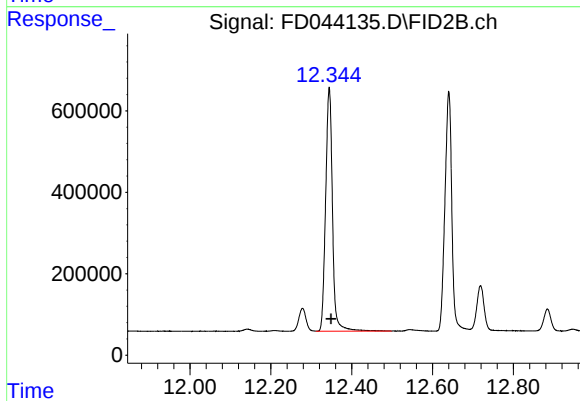
#10 Anthracene (C19.43)

R.T.: 10.614 min
Delta R.T.: -0.007 min
Response: 7185337
Conc: 53.47 ug/ml



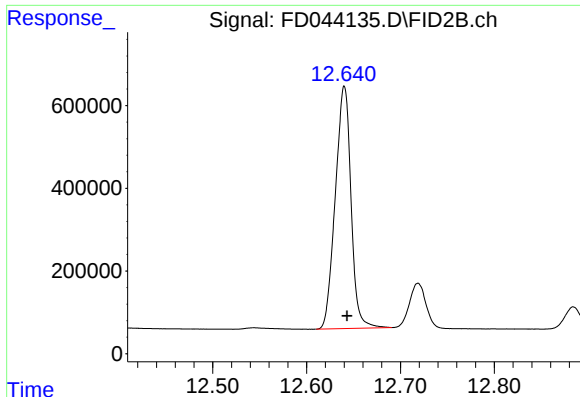
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 7136892
Conc: 42.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.344 min
Delta R.T.: -0.004 min
Response: 7018035
Conc: 52.55 ug/ml



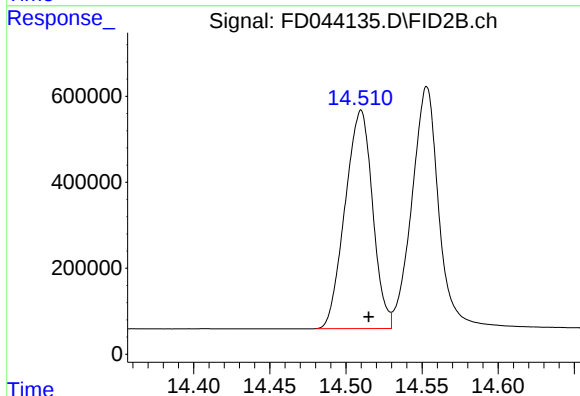
#13 Pyrene (C20.8)

R.T.: 12.640 min
Delta R.T.: -0.003 min
Response: 6820596
Conc: 54.00 ug/ml

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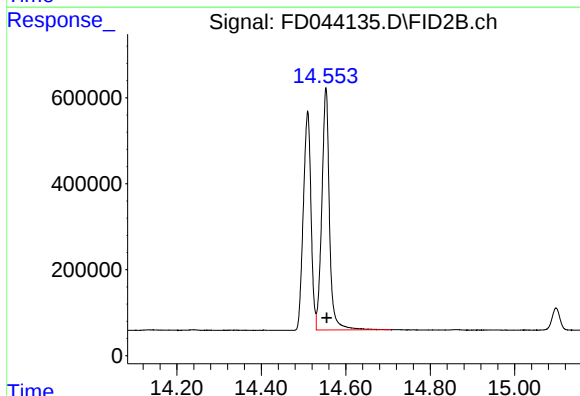
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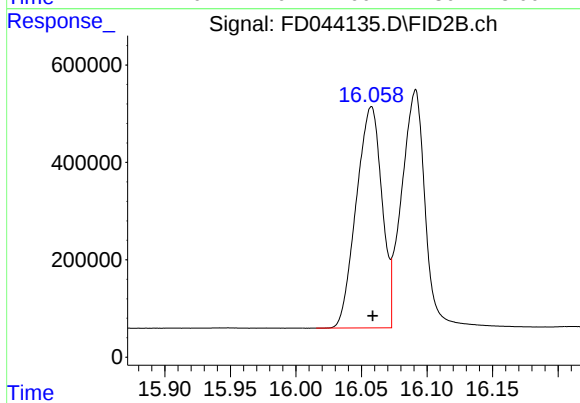
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.510 min
Delta R.T.: -0.005 min
Response: 6389334
Conc: 60.15 ug/ml



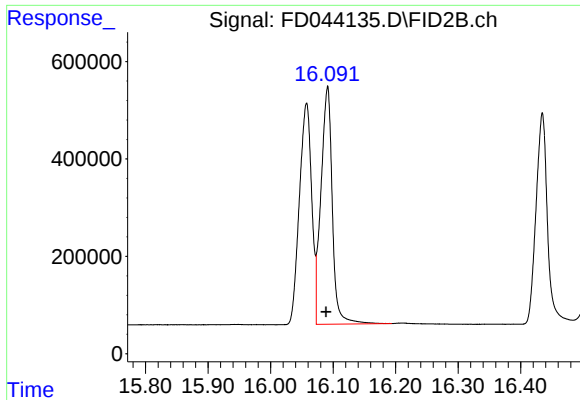
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.002 min
Response: 7089614
Conc: 54.08 ug/ml



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

R.T.: 16.057 min
Delta R.T.: -0.001 min
Response: 6188735
Conc: 55.15 ug/ml



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

R.T.: 16.091 min
Delta R.T.: 0.002 min
Response: 6152661
Conc: 48.36 ug/ml

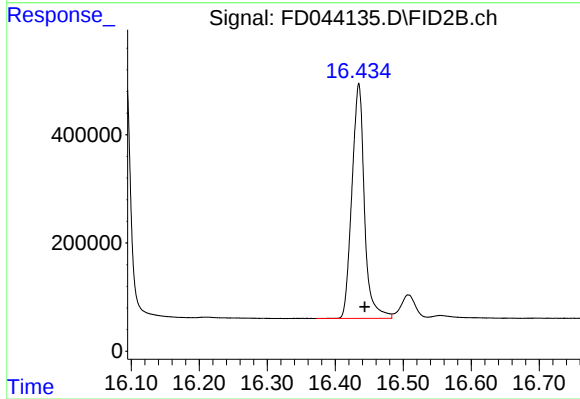
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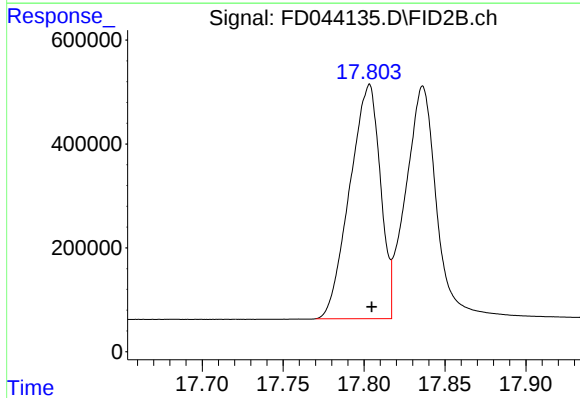
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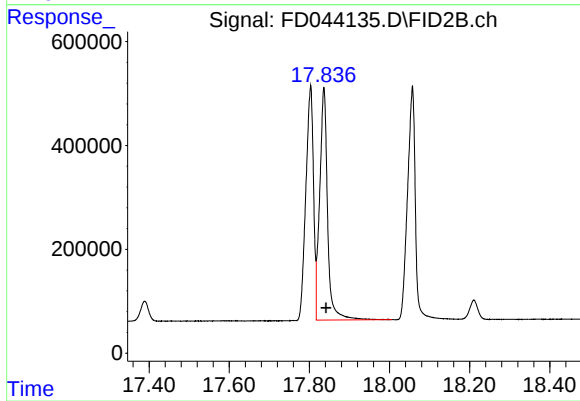
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.009 min
Response: 5550659
Conc: 47.77 ug/ml



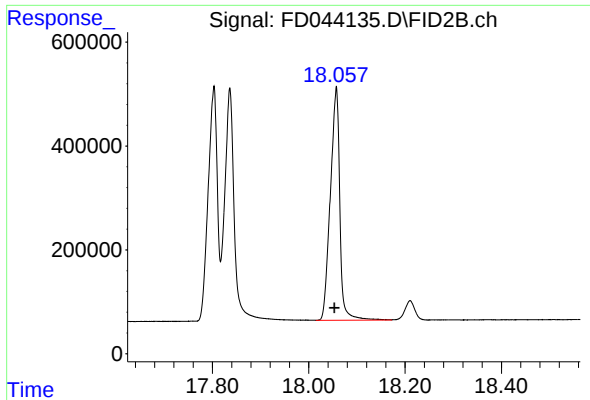
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.803 min
Delta R.T.: -0.002 min
Response: 5931394
Conc: 55.64 ug/ml



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

R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 6133638
Conc: 49.58 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.003 min
Response: 6092635
Conc: 51.90 ug/ml

Instrument :

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