

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045416.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 18:39
 Operator : YP/AJ
 Sample : PB151925BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151925BS

Integration File: autoint1.e
 Quant Time: Apr 07 07:13:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.547	5389379	39.336 ug/ml
Spiked Amount 50.000		Recovery =	78.67%
6) S 2-Fluorobiphenyl (SURR)	8.404	3296648	36.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.55%
11) S ortho-Terphenyl (SURR)	11.444	5882948	33.813 ug/ml
Spiked Amount 50.000		Recovery =	67.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	4165997	26.742 ug/ml
2) T Naphthalene (C11.7)	5.885	4624730	28.777 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	4590090	28.674 ug/ml
5) T Acenaphthylene (C15.06)	8.207	4949345	33.803 ug/ml
7) T Acenaphthene (C15.5)	8.503	5188821	33.453 ug/ml
8) T Flouorene (C16.55)	9.282	5045747	34.027 ug/ml
9) T Phenanthrene (C19.36)	10.673	5118594	35.336 ug/ml
10) T Anthracene (C19.43)	10.747	4994847	36.136 ug/ml
12) T Fluoranthene (C21.85)	12.479	5157766	35.850 ug/ml
13) T Pyrene (C20.8)	12.774	5135920	36.529 ug/ml
14) T Benzo[a]anthracene (C...	14.638	4632443	36.122 ug/ml
15) T Chrysene (C27.41)	14.681	4548718	34.304 ug/ml
16) T benzo[b]fluoranthene ...	16.181	4683830	36.056 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	4450482	35.139 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	4042535	32.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	3535623	29.872 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	3376853	28.345 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	4034871	32.302 ug/ml

(f)=RT Delta > 1/2 Window

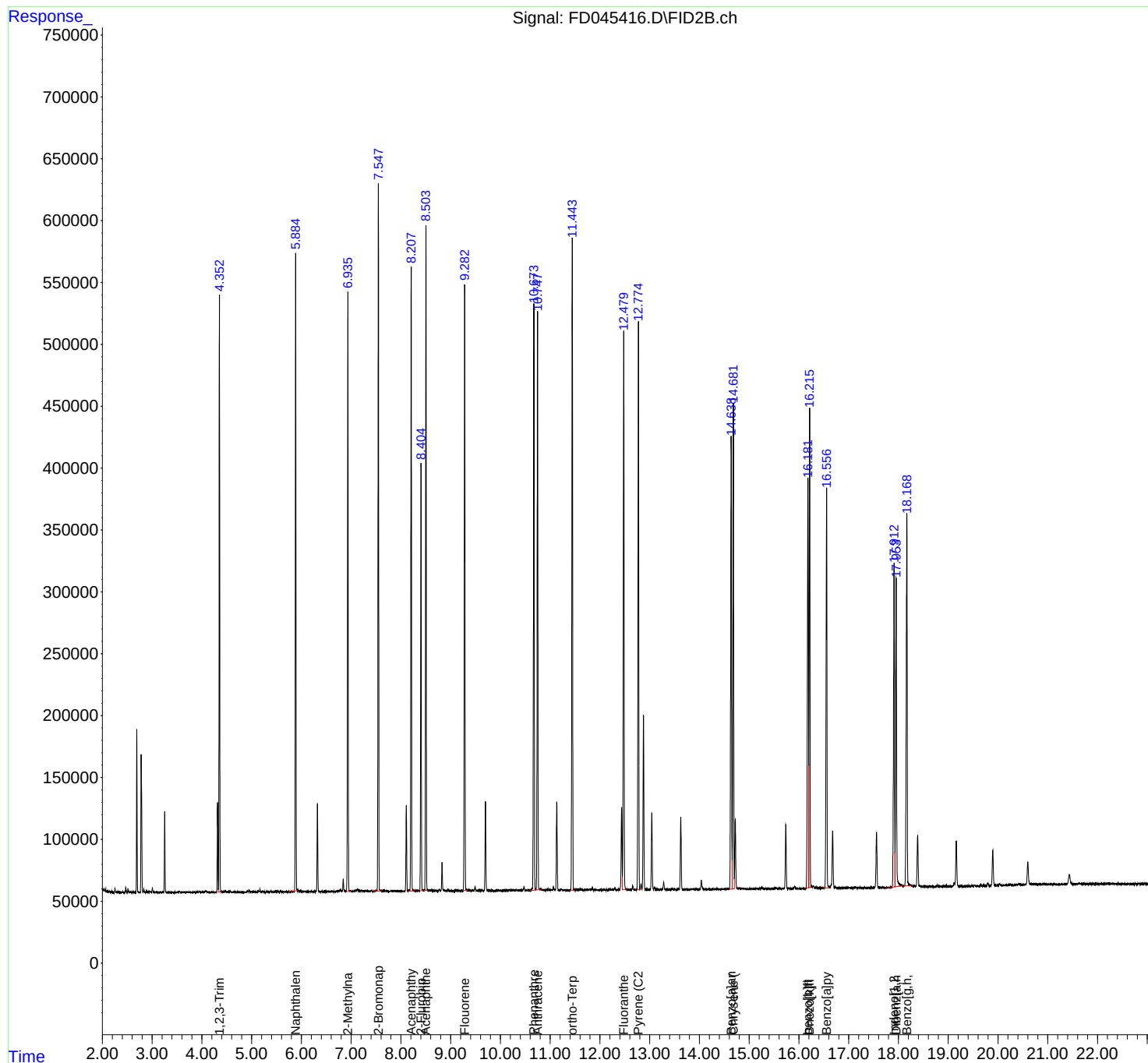
(m)=manual int.

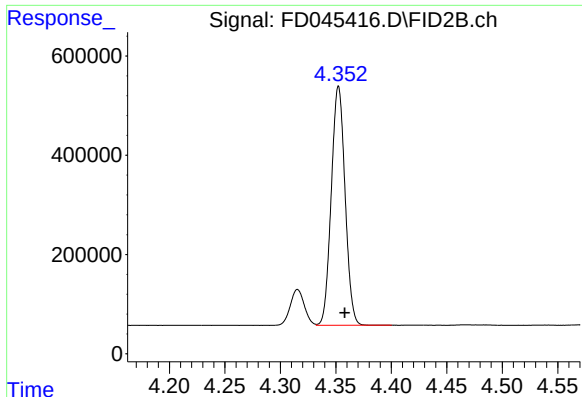
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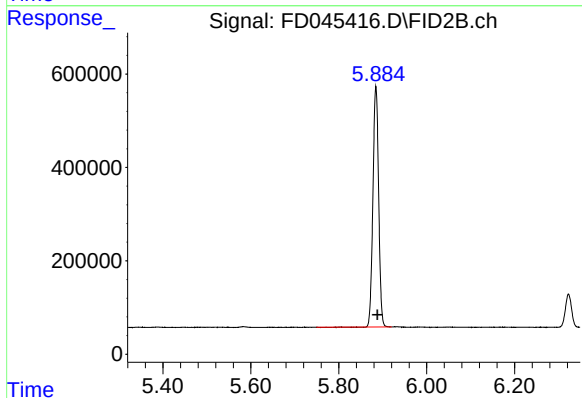




#1 1,2,3-Trimethylbenzene (C10.1)

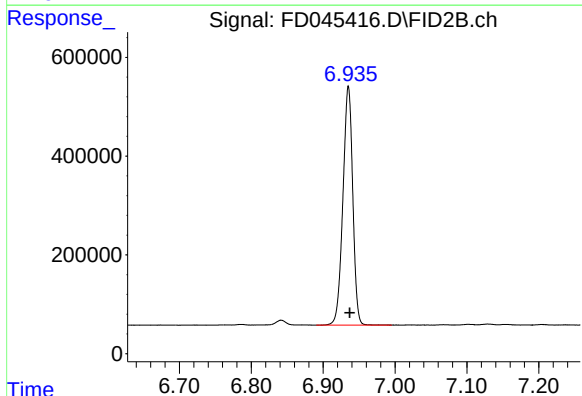
R.T.: 4.352 min
Delta R.T.: -0.006 min
Response: 4165997
Conc: 26.74 ug/ml

Instrument :
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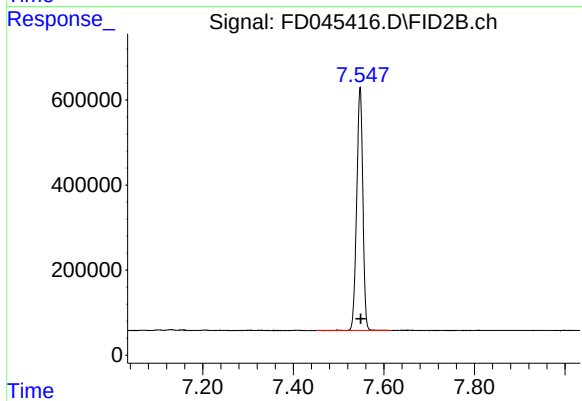
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 4624730
Conc: 28.78 ug/ml



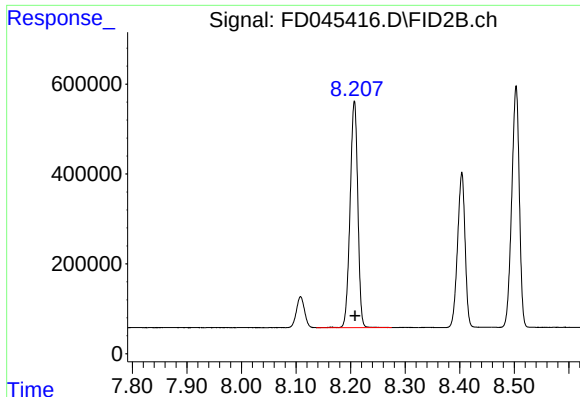
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 4590090
Conc: 28.67 ug/ml



#4 2-Bromonaphthalene (SURR)

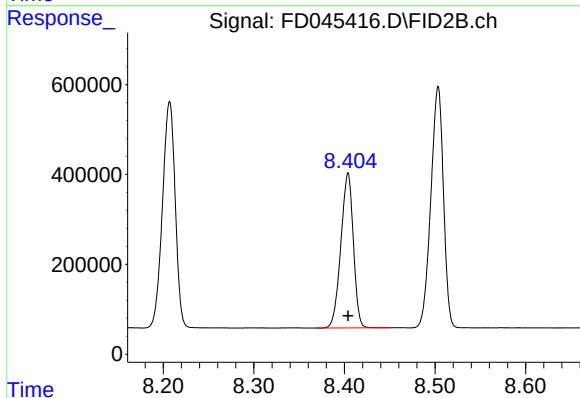
R.T.: 7.547 min
Delta R.T.: -0.001 min
Response: 5389379
Conc: 39.34 ug/ml



#5 Acenaphthylene (C15.06)

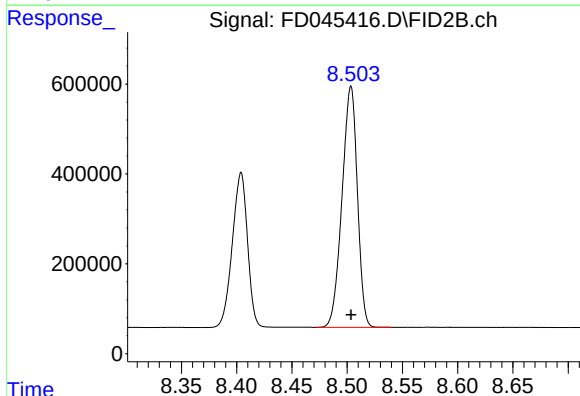
R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 4949345
Conc: 33.80 ug/ml

Instrument :
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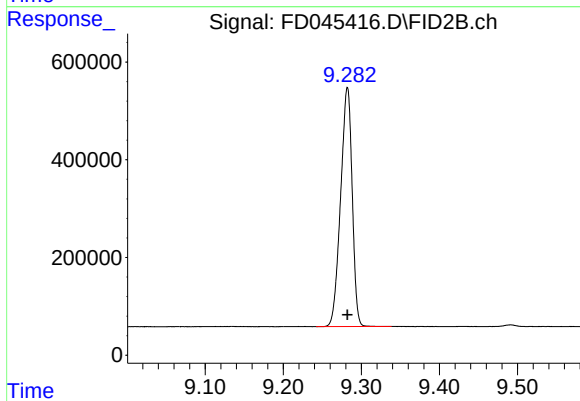
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 3296648
Conc: 36.77 ug/ml



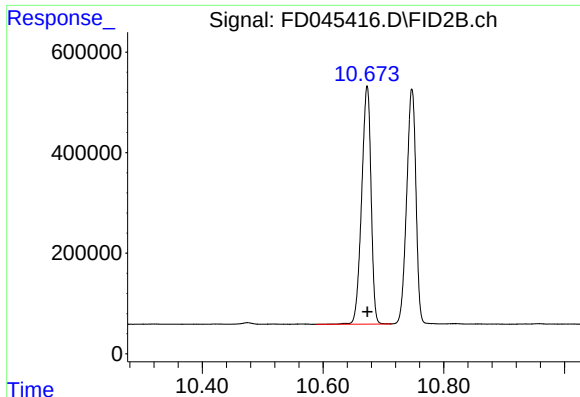
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 5188821
Conc: 33.45 ug/ml



#8 Fluorene (C16.55)

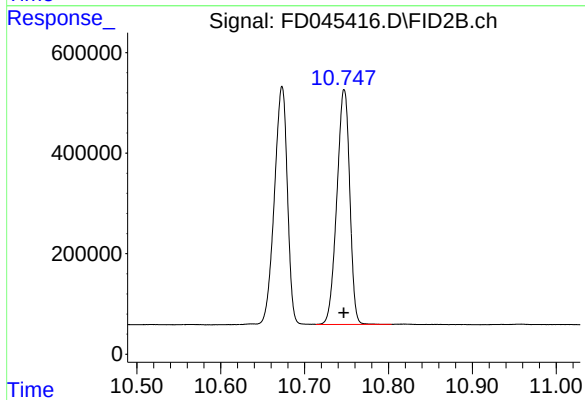
R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 5045747
Conc: 34.03 ug/ml



#9 Phenanthrene (C19.36)

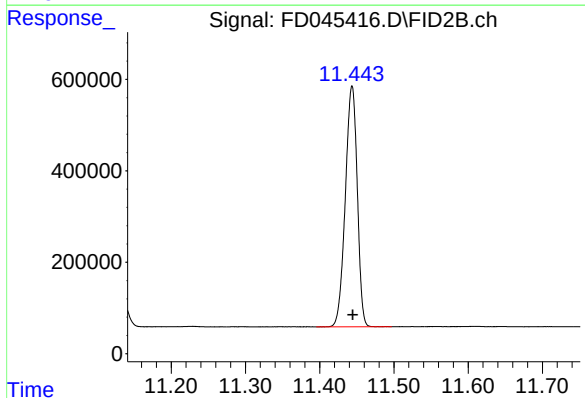
R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 5118594
Conc: 35.34 ug/ml

Instrument :
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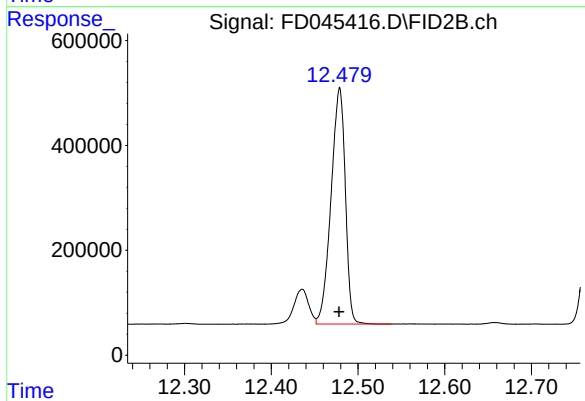
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.000 min
Response: 4994847
Conc: 36.14 ug/ml



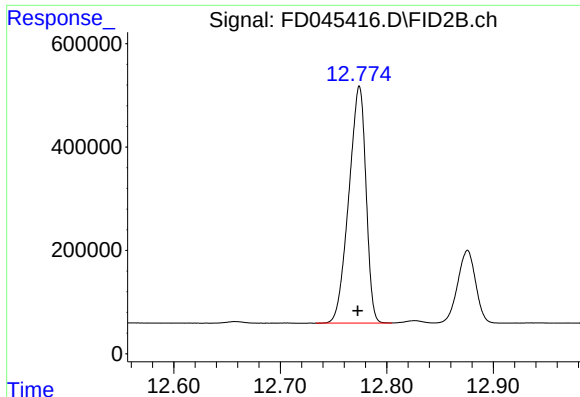
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 5882948
Conc: 33.81 ug/ml



#12 Fluoranthene (C21.85)

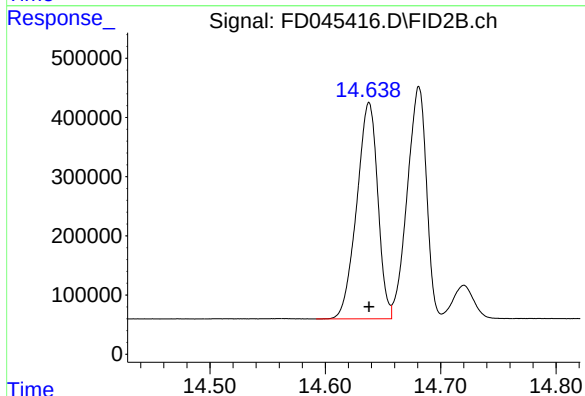
R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 5157766
Conc: 35.85 ug/ml



#13 Pyrene (C20.8)

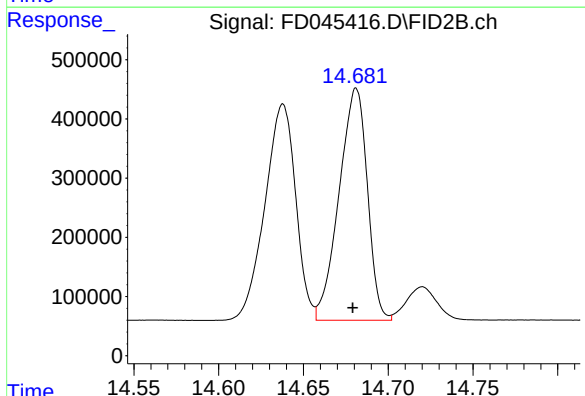
R.T.: 12.774 min
Delta R.T.: 0.000 min
Response: 5135920
Conc: 36.53 ug/ml

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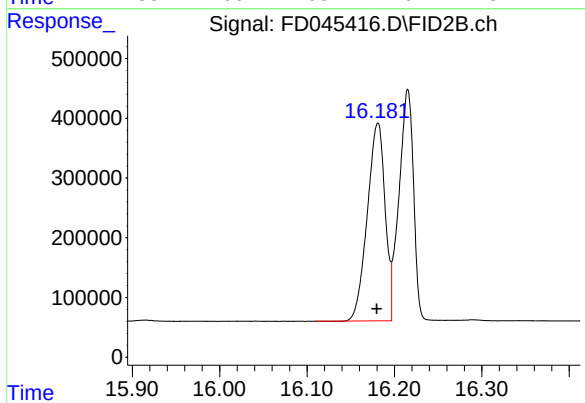
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 4632443
Conc: 36.12 ug/ml



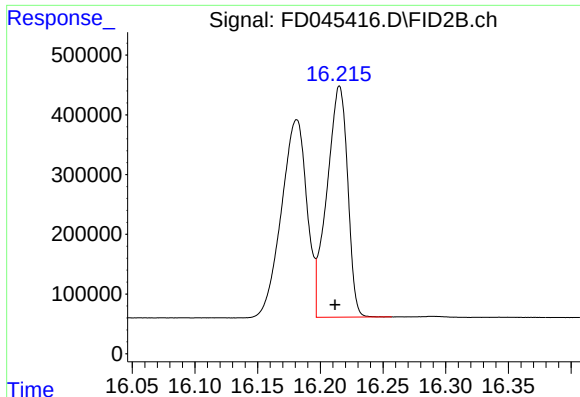
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.002 min
Response: 4548718
Conc: 34.30 ug/ml



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

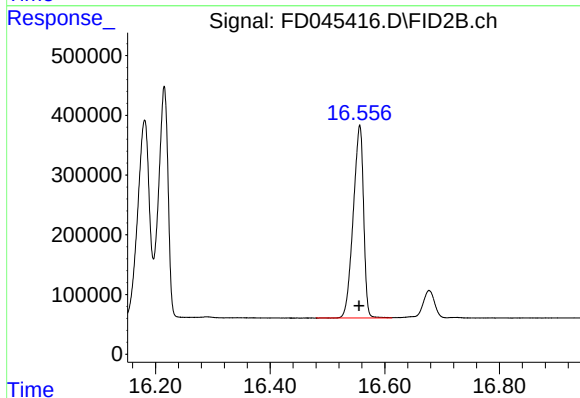
R.T.: 16.181 min
Delta R.T.: 0.001 min
Response: 4683830
Conc: 36.06 ug/ml



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

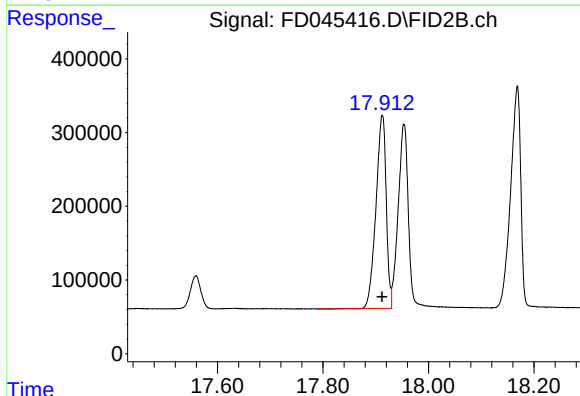
R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 4450482
Conc: 35.14 ug/ml

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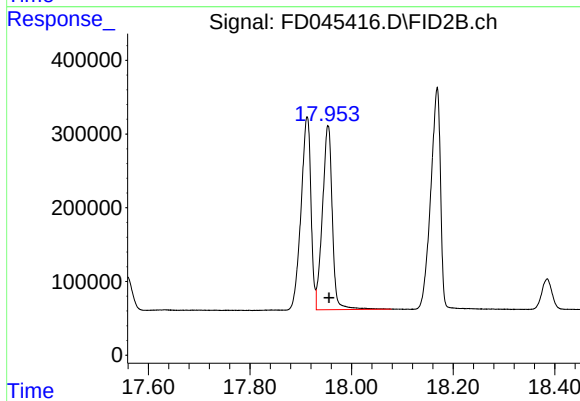
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.001 min
Response: 4042535
Conc: 32.15 ug/ml



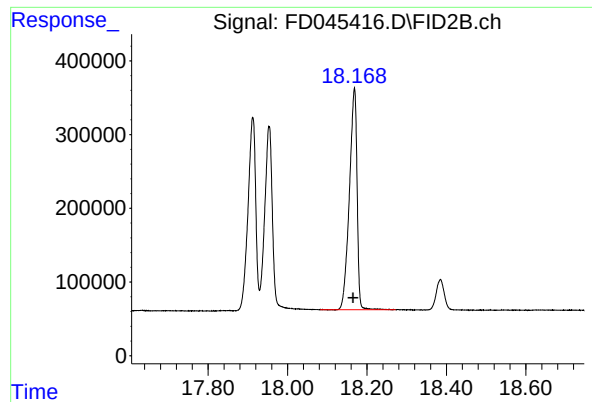
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: 0.000 min
Response: 3535623
Conc: 29.87 ug/ml



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

R.T.: 17.953 min
Delta R.T.: -0.002 min
Response: 3376853
Conc: 28.34 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.002 min
Response: 4034871
Conc: 32.30 ug/ml

Instrument :

FID_D

ClientSampleId :

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