

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045703.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 10:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 20 10:35:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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

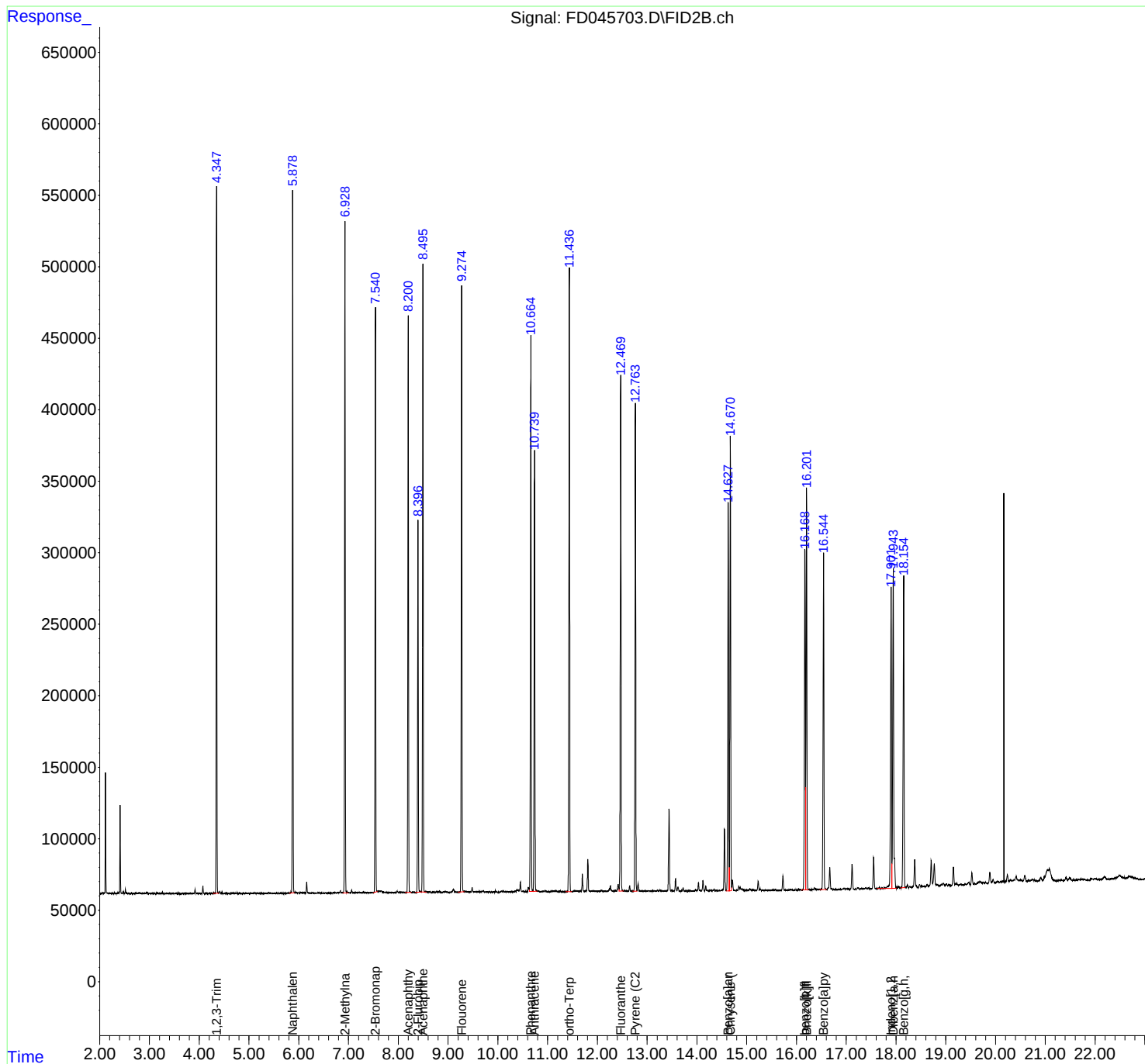
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.540	3800977	22.284 ug/ml
Spiked Amount 50.000		Recovery =	44.57%
6) S 2-Fluorobiphenyl (SURR)	8.396	2552172	22.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.40%
11) S ortho-Terphenyl (SURR)	11.436	4695564	22.241 ug/ml
Spiked Amount 50.000		Recovery =	44.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	4239775	22.713 ug/ml
2) T Naphthalene (C11.7)	5.878	4438130	22.563 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	4461458	22.584 ug/ml
5) T Acenaphthylene (C15.06)	8.200	3937075	21.913 ug/ml
7) T Acenaphthene (C15.5)	8.495	4240655	22.284 ug/ml
8) T Fluorene (C16.55)	9.274	4175066	22.138 ug/ml
9) T Phenanthrene (C19.36)	10.664	4051989	21.800 ug/ml
10) T Anthracene (C19.43)	10.738	3206234	17.935 ug/ml
12) T Fluoranthene (C21.85)	12.469	3927577	21.772 ug/ml
13) T Pyrene (C20.8)	12.763	3792490	21.639 ug/ml
14) T Benzo[a]anthracene (C...	14.627	3342453	20.999 ug/ml
15) T Chrysene (C27.41)	14.670	3524554	21.706 ug/ml
16) T benzo[b]fluoranthene ...	16.168	3143712	21.346 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	3210578	22.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2857128	20.492 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	2864121	22.543 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	3110467	24.219 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	2844786	22.117 ug/ml

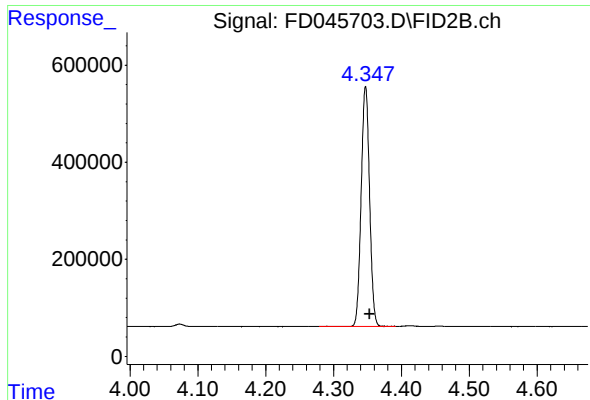
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM AROMATIC HC STD

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

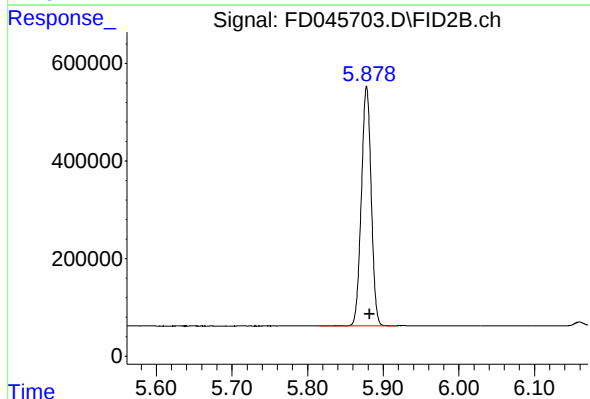




#1 1,2,3-Trimethylbenzene (C10.1)

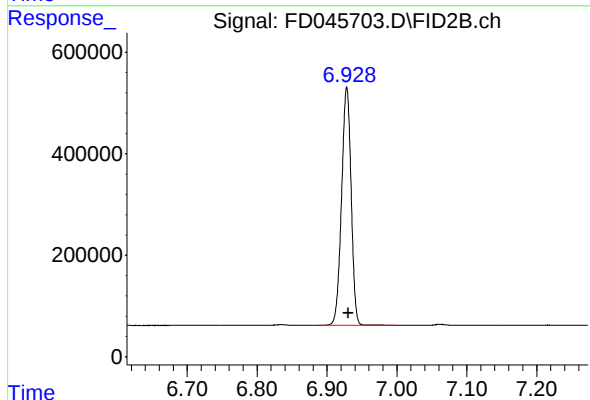
R.T.: 4.347 min
Delta R.T.: -0.006 min
Response: 4239775
Conc: 22.71 ug/ml

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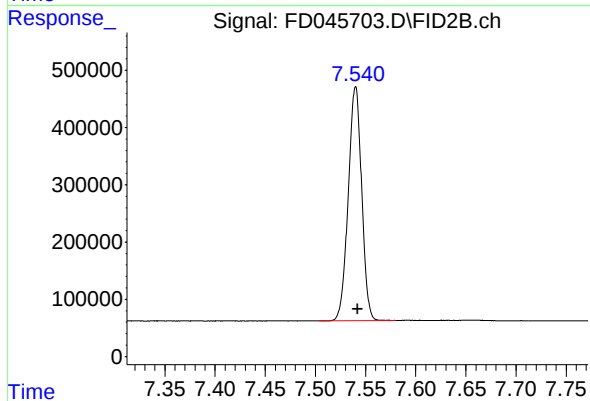
#2 Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.004 min
Response: 4438130
Conc: 22.56 ug/ml



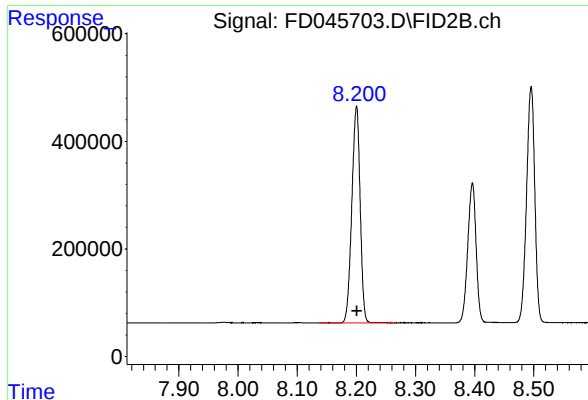
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 4461458
Conc: 22.58 ug/ml



#4 2-Bromonaphthalene (SURR)

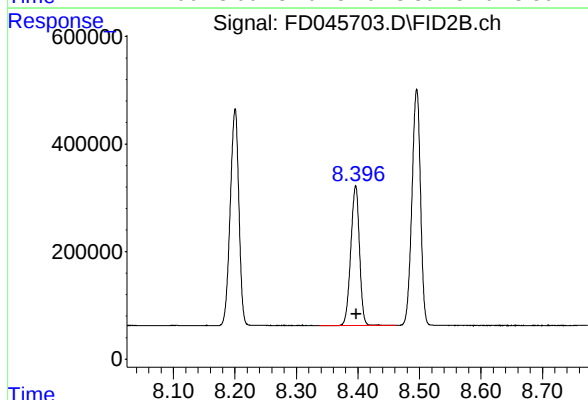
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3800977
Conc: 22.28 ug/ml



#5 Acenaphthylene (C15.06)

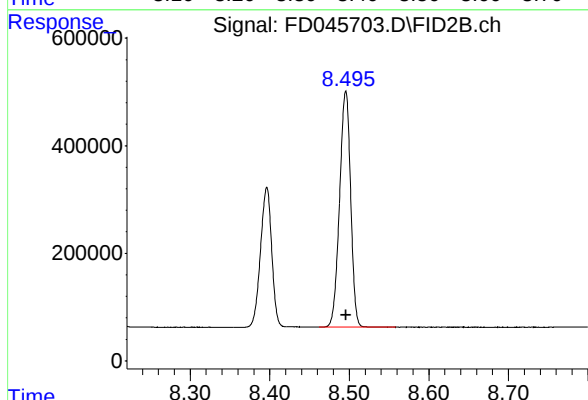
R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 3937075
Conc: 21.91 ug/ml

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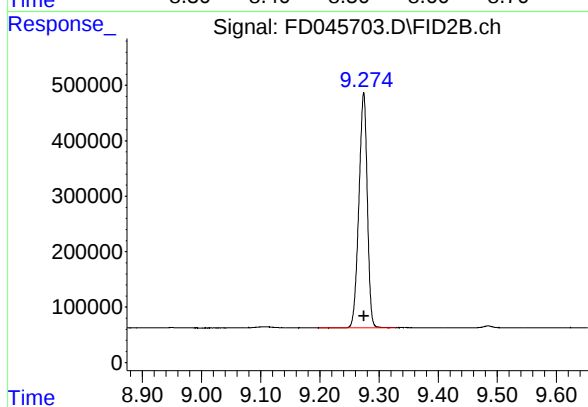
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2552172
Conc: 22.20 ug/ml



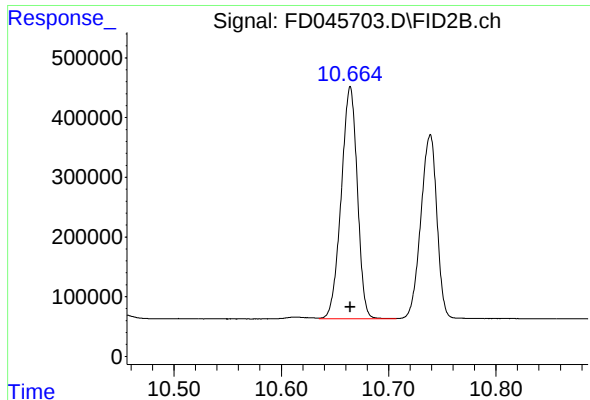
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 4240655
Conc: 22.28 ug/ml



#8 Fluorene (C16.55)

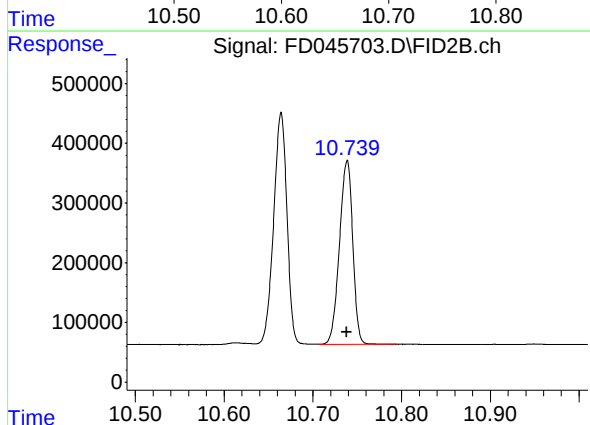
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 4175066
Conc: 22.14 ug/ml



#9 Phenanthrene (C19.36)

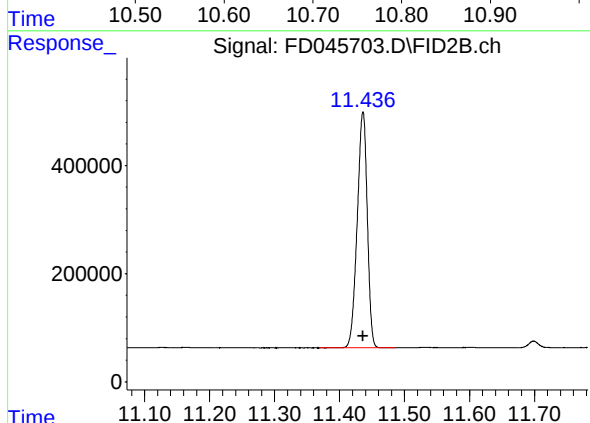
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 4051989
Conc: 21.80 ug/ml

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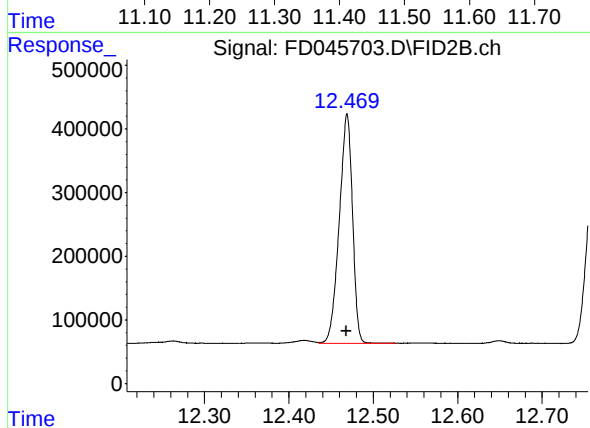
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 3206234
Conc: 17.93 ug/ml



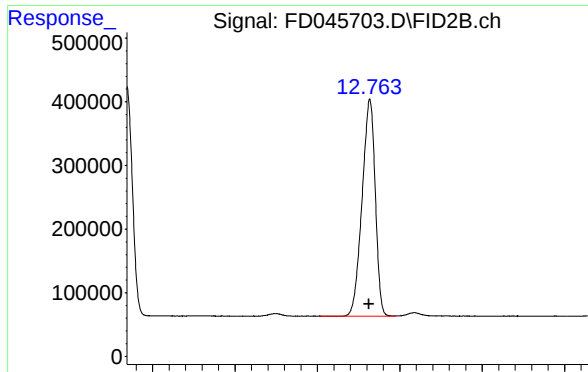
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 4695564
Conc: 22.24 ug/ml



#12 Fluoranthene (C21.85)

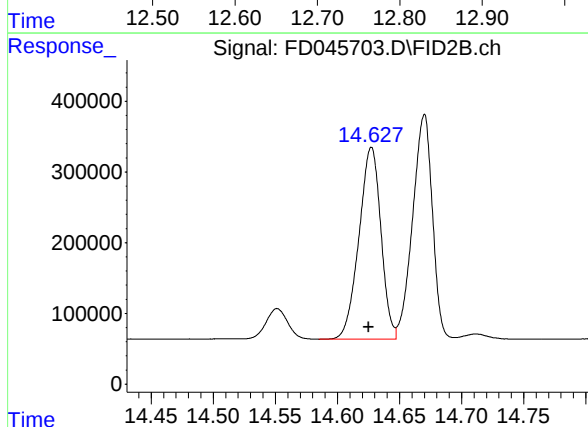
R.T.: 12.469 min
Delta R.T.: 0.000 min
Response: 3927577
Conc: 21.77 ug/ml



#13 Pyrene (C20.8)

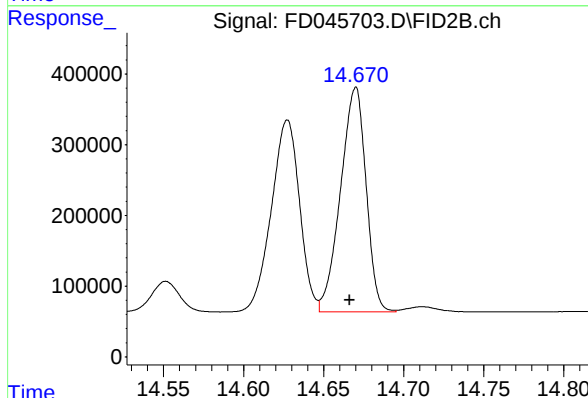
R.T.: 12.763 min
Delta R.T.: 0.000 min
Response: 3792490
Conc: 21.64 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



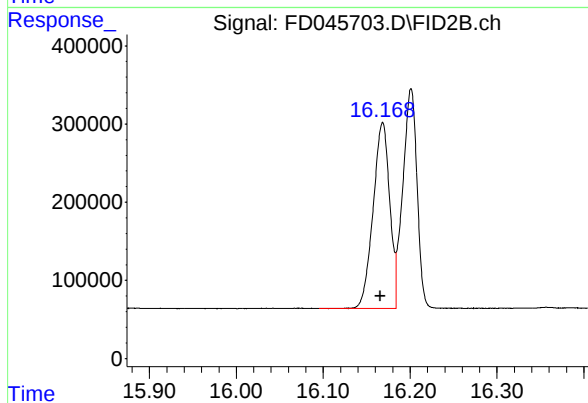
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: 0.002 min
Response: 3342453
Conc: 21.00 ug/ml



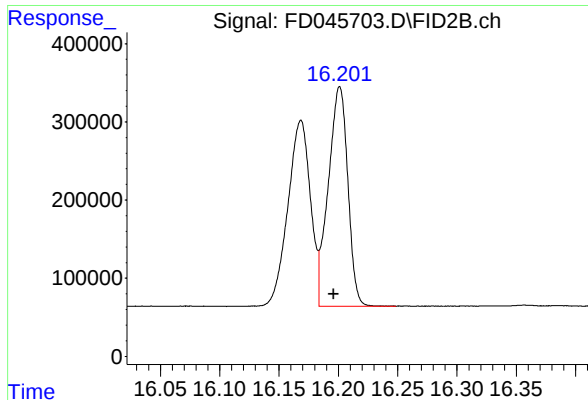
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.003 min
Response: 3524554
Conc: 21.71 ug/ml



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

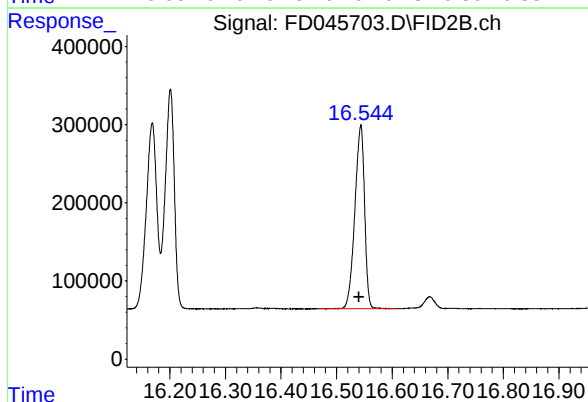
R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 3143712
Conc: 21.35 ug/ml



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

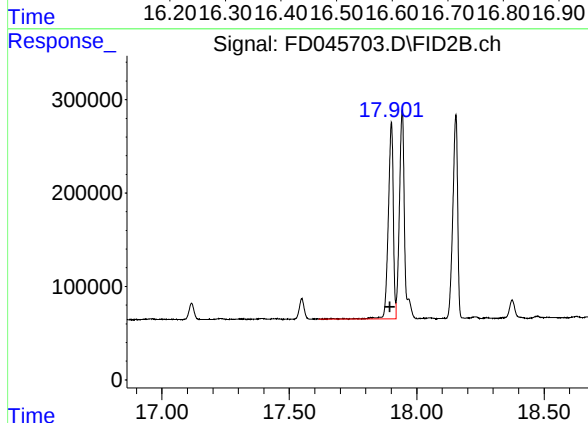
R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 3210578
Conc: 22.20 ug/ml

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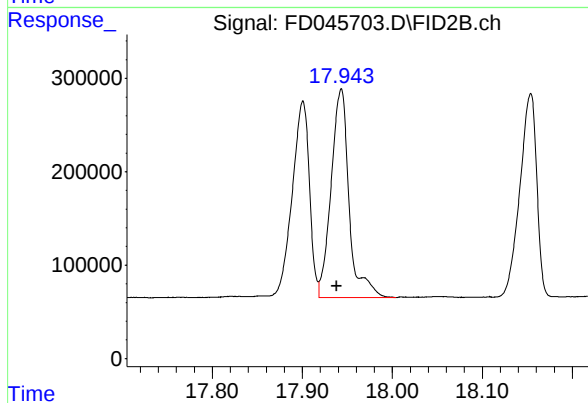
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.003 min
Response: 2857128
Conc: 20.49 ug/ml



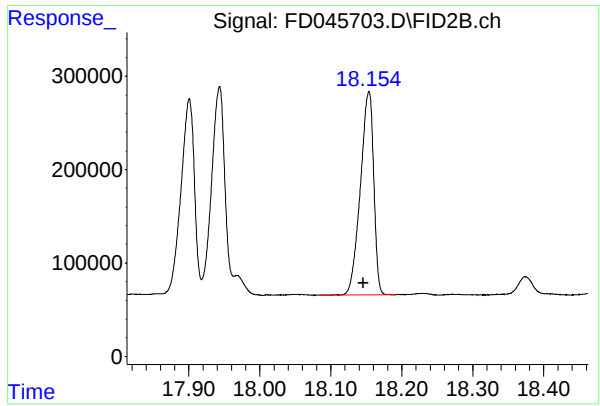
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 2864121
Conc: 22.54 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.005 min
Response: 3110467
Conc: 24.22 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.007 min
Response: 2844786
Conc: 22.12 ug/ml

Instrument :

FID_D

ClientSampleId :

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