

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049545.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 14:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 15 14:46:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 2025
 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...	7.733	2778801	21.239 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
6) S 2-Fluorobiphenyl (SURR)	8.598	1967124	21.229 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.46%
11) S ortho-Terphenyl (SURR)	11.642	3469921	21.162 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2734375	21.166 ug/ml
2) T Naphthalene (C11.7)	6.071	3106522	21.225 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	3220631	21.208 ug/ml
5) T Acenaphthylene (C15.06)	8.402	3371207	21.238 ug/ml
7) T Acenaphthene (C15.5)	8.698	3354946	21.190 ug/ml
8) T Flouorene (C16.55)	9.478	3394694	21.251 ug/ml
9) T Phenanthrene (C19.36)	10.876	3463252	21.143 ug/ml
10) T Anthracene (C19.43)	10.950	3356884	21.074 ug/ml
12) T Fluoranthene (C21.85)	12.689	3441179	21.171 ug/ml
13) T Pyrene (C20.8)	12.987	3429468	21.132 ug/ml
14) T Benzo[a]anthracene (C...	14.858	3081279	21.040 ug/ml
15) T Chrysene (C27.41)	14.901	3121818	20.976 ug/ml
16) T benzo[b]fluoranthene ...	16.408	2976202	21.005 ug/ml
17) T Bnezo[k]fluoranthene ...	16.440	2805496	20.986 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	2889136	20.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	2609969	20.839 ug/ml
20) T Dibenz[a,h]anthracene...	18.190	2761553	20.962 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	2777217	20.985 ug/ml

(f)=RT Delta > 1/2 Window

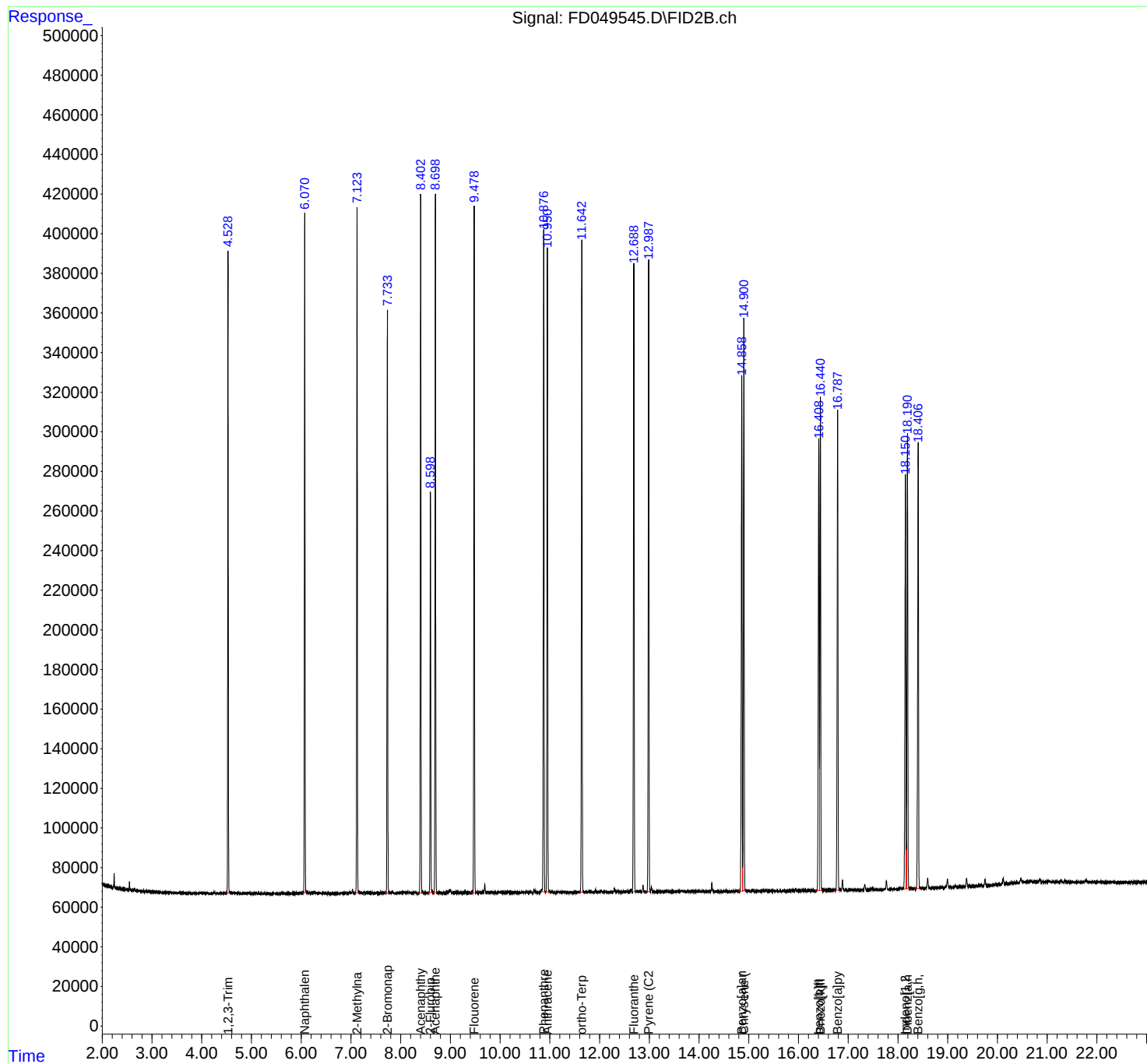
(m)=manual int.

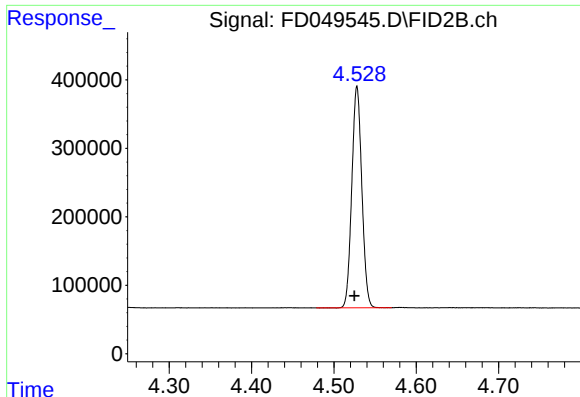
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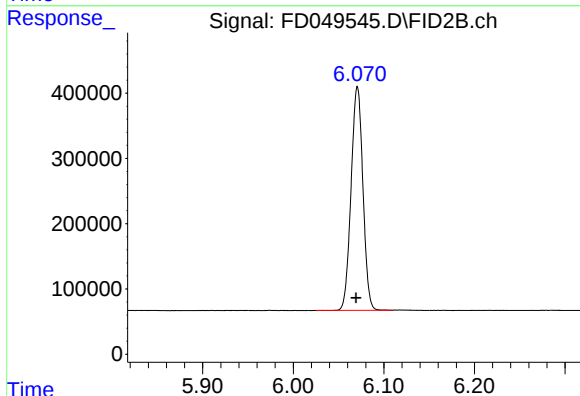




#1 1,2,3-Trimethylbenzene (C10.1)

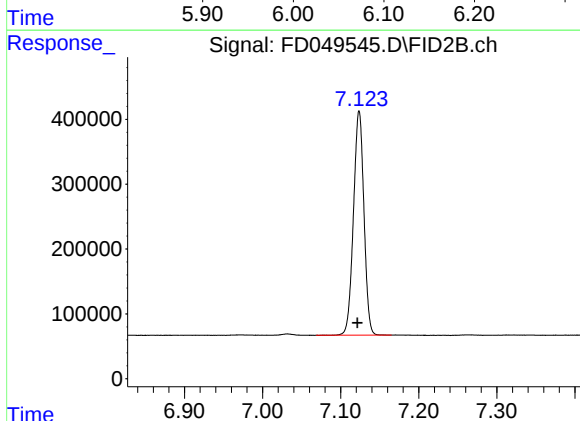
R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 2734375
Conc: 21.17 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



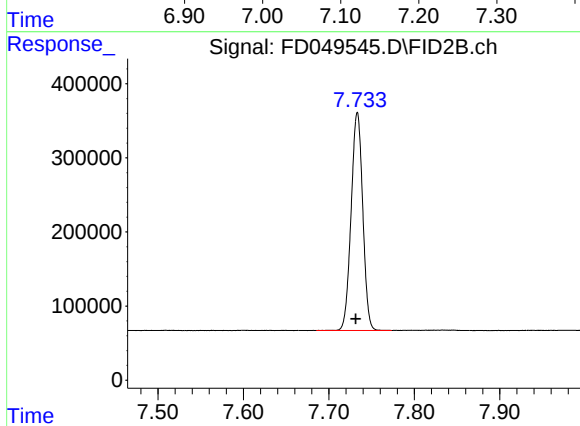
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 3106522
Conc: 21.23 ug/ml



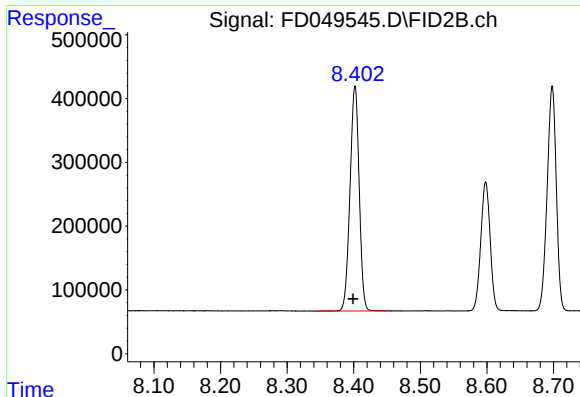
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.002 min
Response: 3220631
Conc: 21.21 ug/ml



#4 2-Bromonaphthalene (SURR)

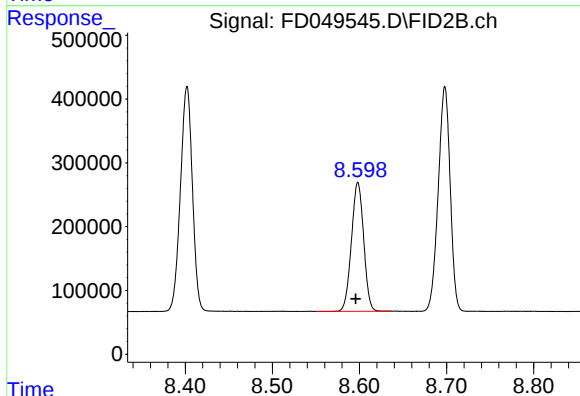
R.T.: 7.733 min
Delta R.T.: 0.002 min
Response: 2778801
Conc: 21.24 ug/ml



#5 Acenaphthylene (C15.06)

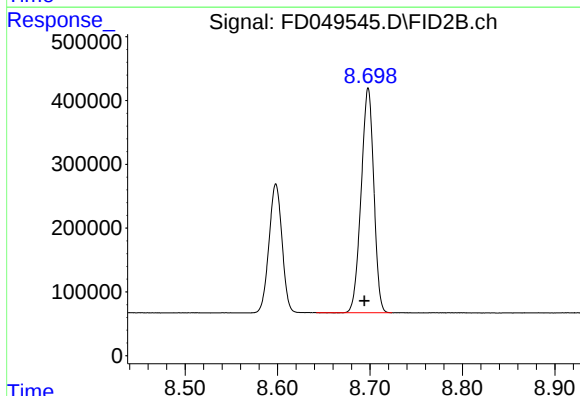
R.T.: 8.402 min
Delta R.T.: 0.003 min
Response: 3371207
Conc: 21.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



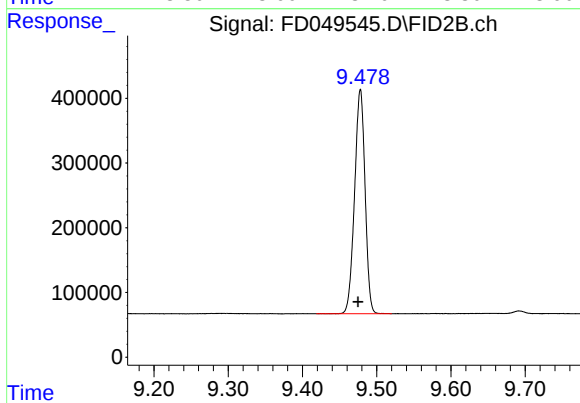
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: 0.003 min
Response: 1967124
Conc: 21.23 ug/ml



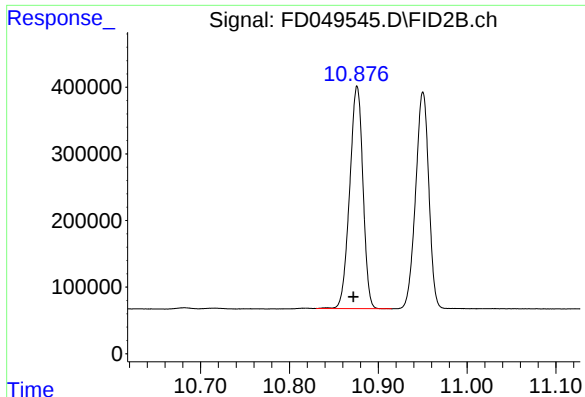
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 3354946
Conc: 21.19 ug/ml



#8 Flouorene (C16.55)

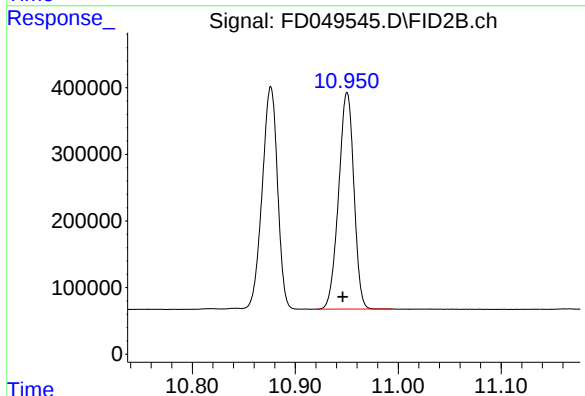
R.T.: 9.478 min
Delta R.T.: 0.003 min
Response: 3394694
Conc: 21.25 ug/ml



#9 Phenanthrene (C19.36)

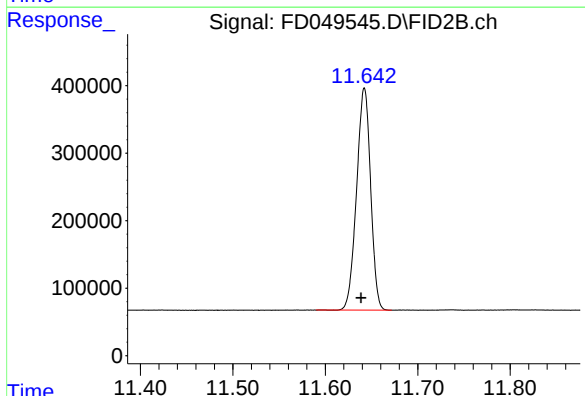
R.T.: 10.876 min
Delta R.T.: 0.004 min
Response: 3463252
Conc: 21.14 ug/ml

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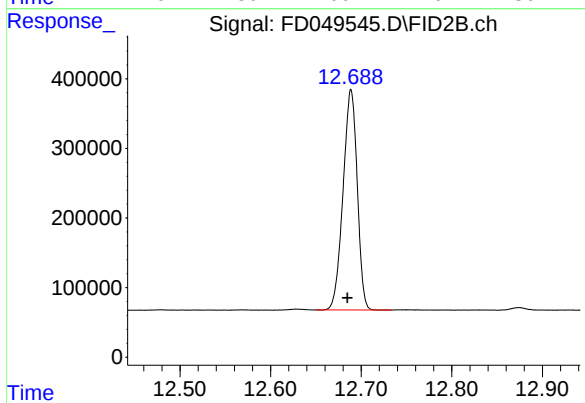
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: 0.004 min
Response: 3356884
Conc: 21.07 ug/ml



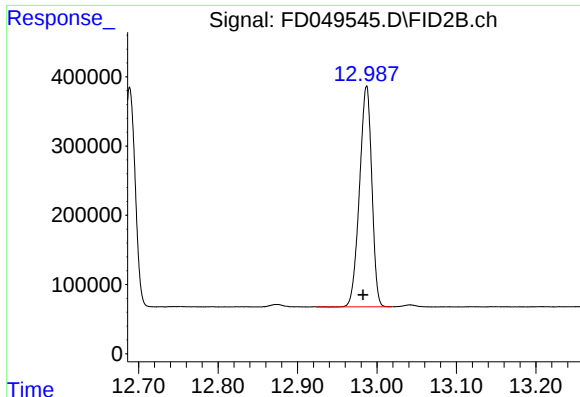
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: 0.004 min
Response: 3469921
Conc: 21.16 ug/ml



#12 Fluoranthene (C21.85)

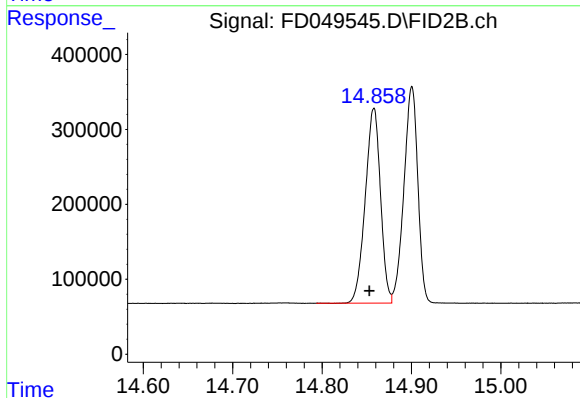
R.T.: 12.689 min
Delta R.T.: 0.004 min
Response: 3441179
Conc: 21.17 ug/ml



#13 Pyrene (C20.8)

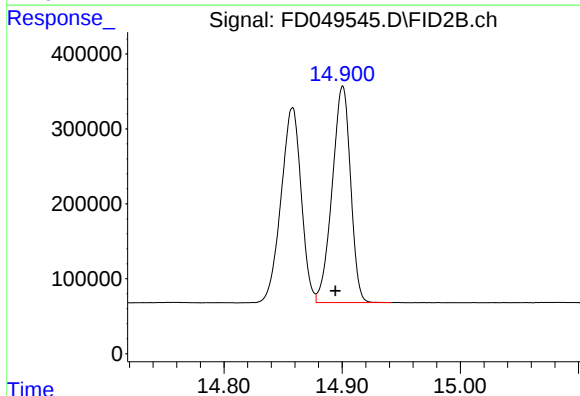
R.T.: 12.987 min
Delta R.T.: 0.004 min
Response: 3429468
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



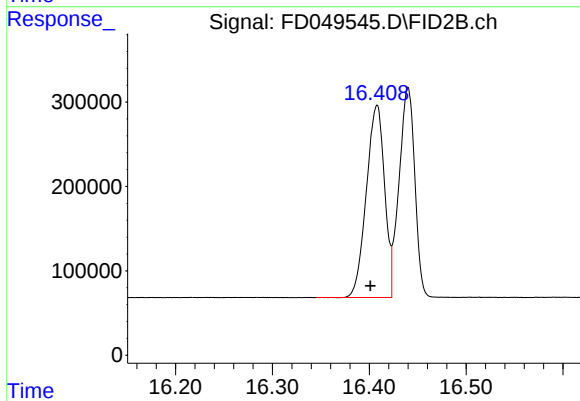
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: 0.005 min
Response: 3081279
Conc: 21.04 ug/ml



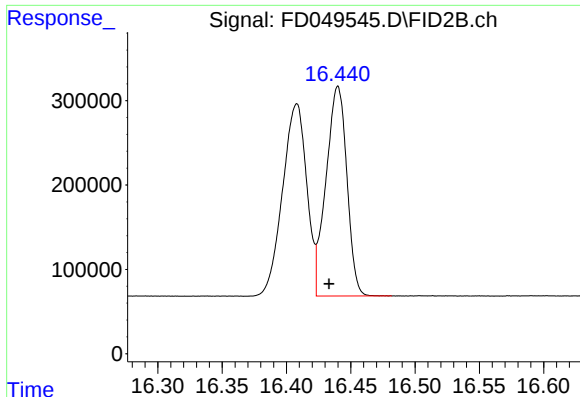
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: 0.006 min
Response: 3121818
Conc: 20.98 ug/ml



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

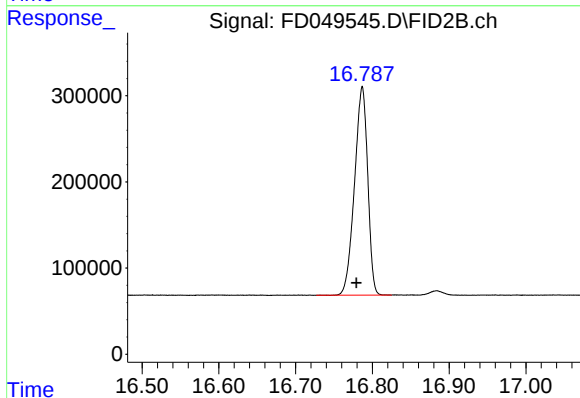
R.T.: 16.408 min
Delta R.T.: 0.007 min
Response: 2976202
Conc: 21.01 ug/ml



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

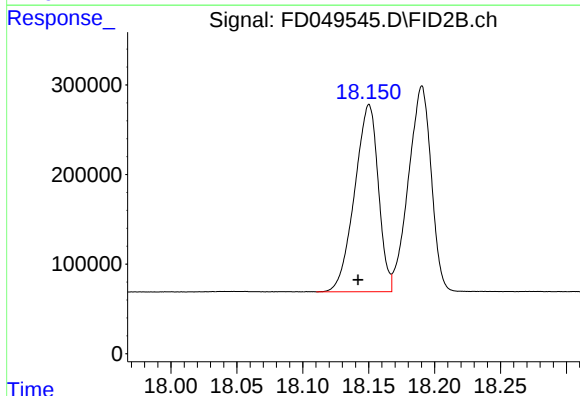
R.T.: 16.440 min
Delta R.T.: 0.007 min
Response: 2805496
Conc: 20.99 ug/ml

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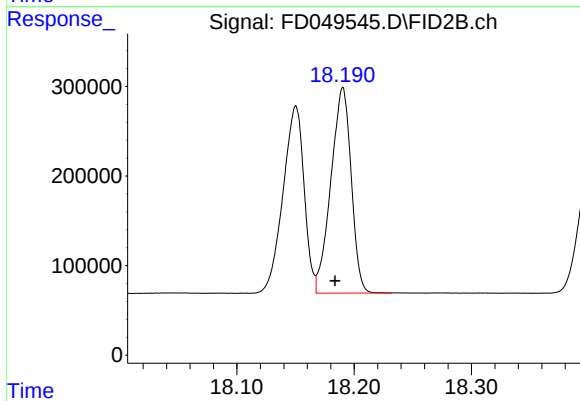
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: 0.008 min
Response: 2889136
Conc: 20.98 ug/ml



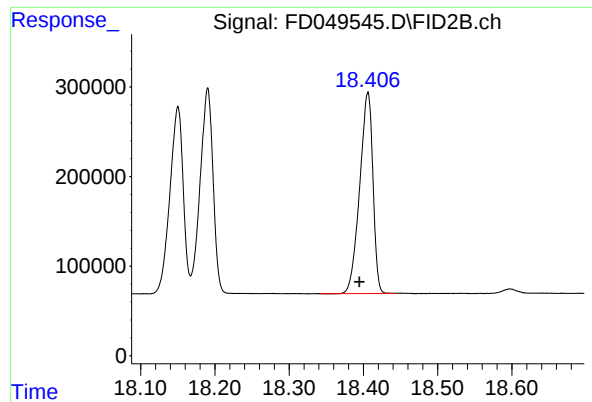
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.008 min
Response: 2609969
Conc: 20.84 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.007 min
Response: 2761553
Conc: 20.96 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.011 min
Response: 2777217
Conc: 20.98 ug/ml

Instrument :

FID_D

ClientSampleId :

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