

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072325AR\
 Data File : FD049583.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2025 09:55
 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: Jul 24 03:46:45 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	2378217	18.177 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
6) S 2-Fluorobiphenyl (SURR)	8.597	1686771	18.203 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.41%
11) S ortho-Terphenyl (SURR)	11.640	2924135	17.834 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2357140	18.246 ug/ml
2) T Naphthalene (C11.7)	6.071	2586094	17.670 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	2594539	17.085 ug/ml
5) T Acenaphthylene (C15.06)	8.401	2804986	17.671 ug/ml
7) T Acenaphthene (C15.5)	8.697	2757290	17.415 ug/ml
8) T Flouorene (C16.55)	9.477	2859868	17.903 ug/ml
9) T Phenanthrene (C19.36)	10.875	2905468	17.737 ug/ml
10) T Anthracene (C19.43)	10.948	2553917	16.033 ug/ml
12) T Fluoranthene (C21.85)	12.687	3022013	18.592 ug/ml
13) T Pyrene (C20.8)	12.985	3037687	18.718 ug/ml
14) T Benzo[a]anthracene (C...	14.856	2836121	19.366 ug/ml
15) T Chrysene (C27.41)	14.899	2858727	19.209 ug/ml
16) T benzo[b]fluoranthene ...	16.406	2786960	19.669 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	2769931	20.720 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.785	2595769	18.854 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	2430943	19.409 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	2608386	19.799 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	2587055	19.548 ug/ml

(f)=RT Delta > 1/2 Window

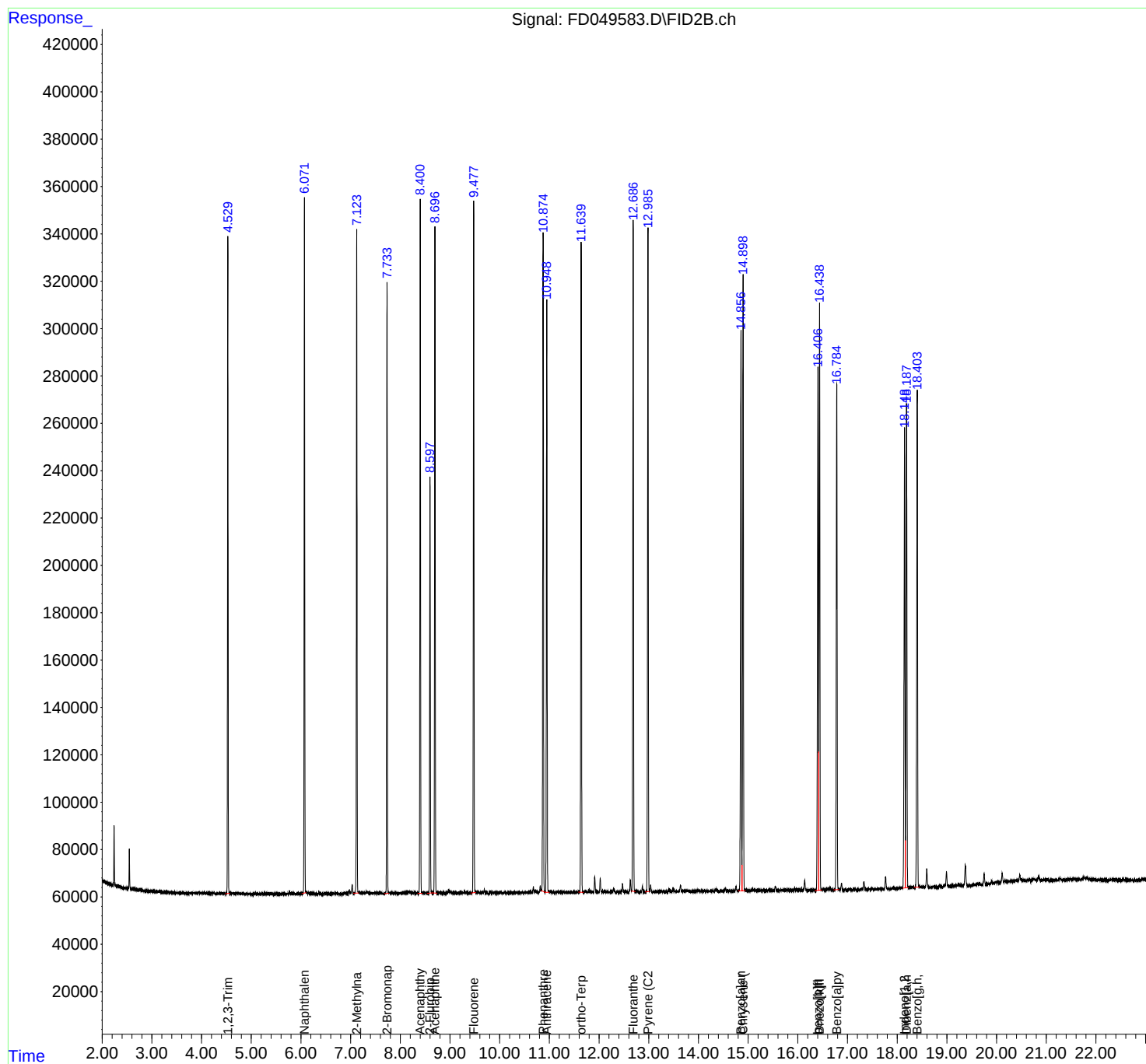
(m)=manual int.

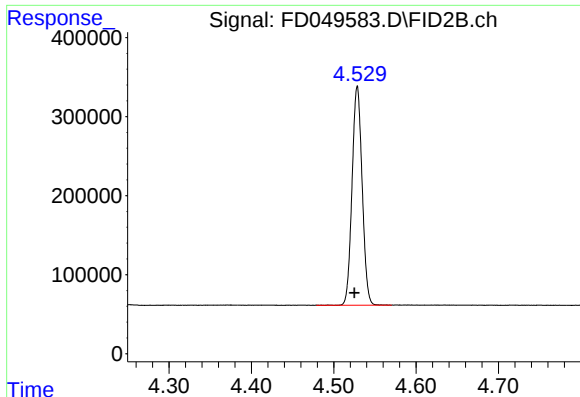
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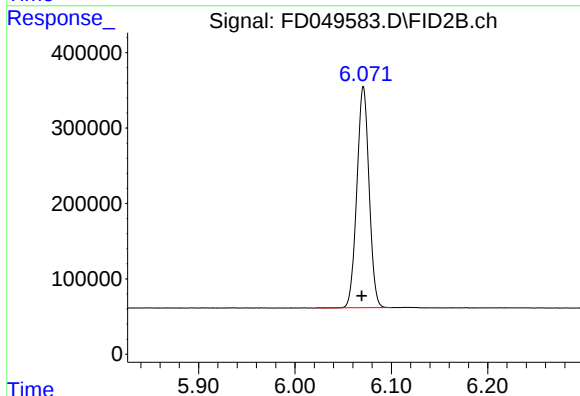




#1 1,2,3-Trimethylbenzene (C10.1)

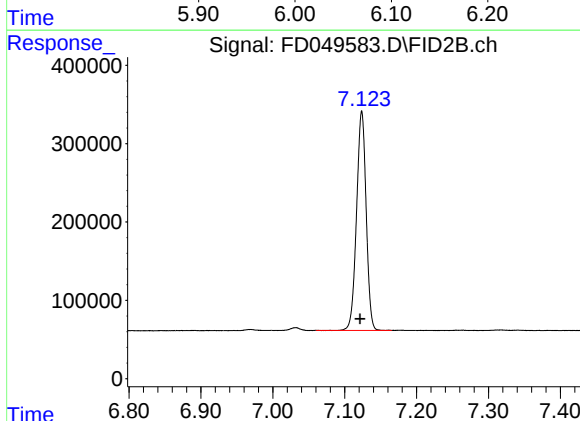
R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 2357140
Conc: 18.25 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



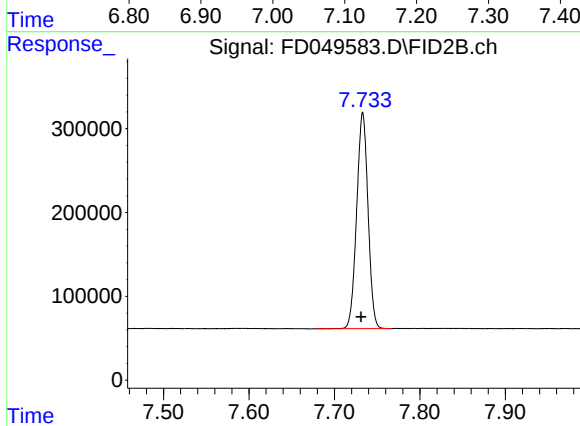
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 2586094
Conc: 17.67 ug/ml



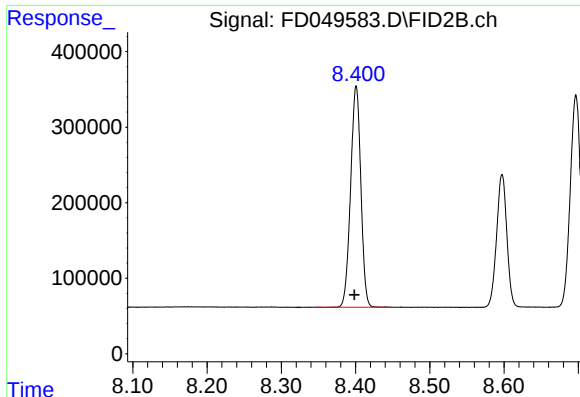
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.002 min
Response: 2594539
Conc: 17.08 ug/ml



#4 2-Bromonaphthalene (SURR)

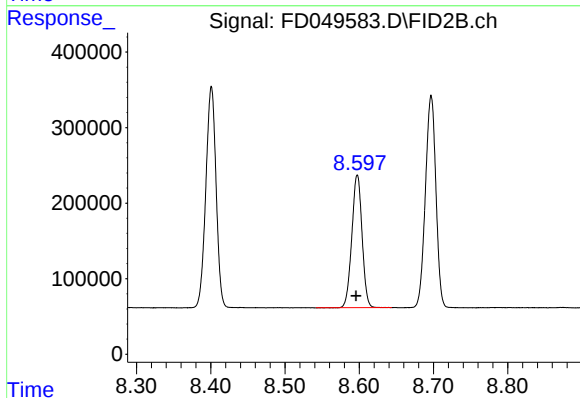
R.T.: 7.733 min
Delta R.T.: 0.002 min
Response: 2378217
Conc: 18.18 ug/ml



#5 Acenaphthylene (C15.06)

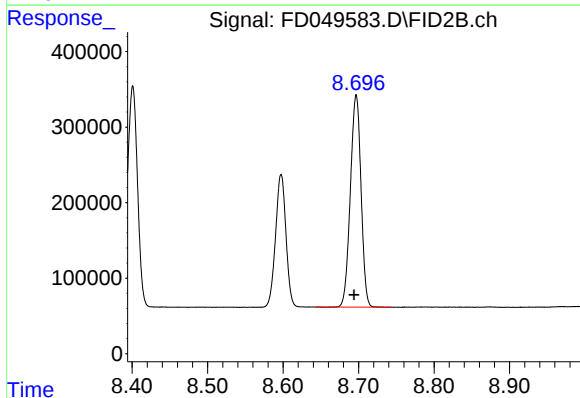
R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 2804986
Conc: 17.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



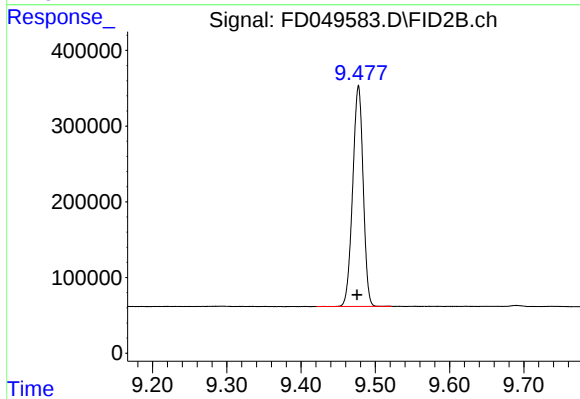
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: 0.002 min
Response: 1686771
Conc: 18.20 ug/ml



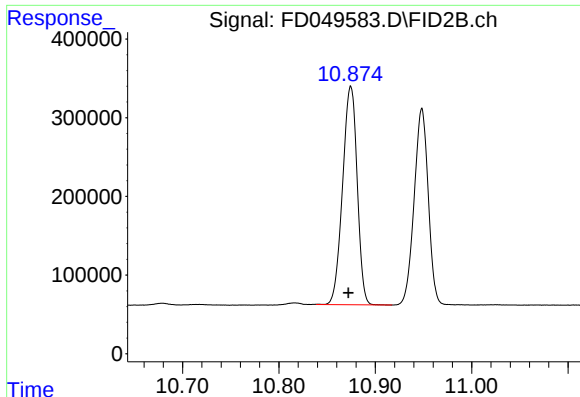
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 2757290
Conc: 17.42 ug/ml



#8 Fluorene (C16.55)

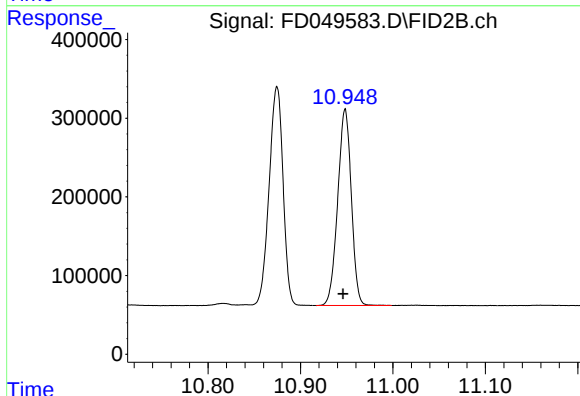
R.T.: 9.477 min
Delta R.T.: 0.002 min
Response: 2859868
Conc: 17.90 ug/ml



#9 Phenanthrene (C19.36)

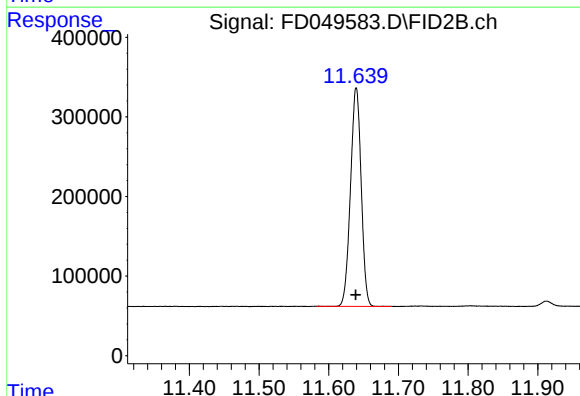
R.T.: 10.875 min
Delta R.T.: 0.003 min
Response: 2905468
Conc: 17.74 ug/ml

Instrument :
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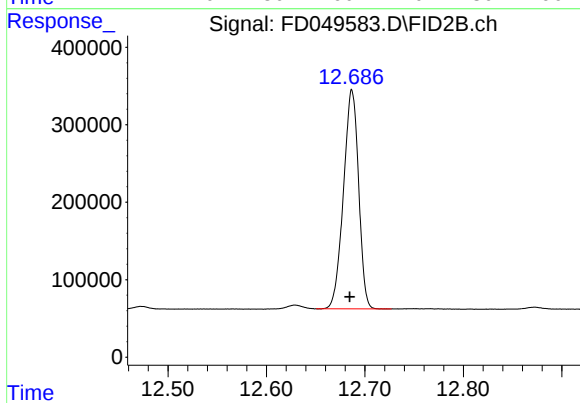
#10 Anthracene (C19.43)

R.T.: 10.948 min
Delta R.T.: 0.002 min
Response: 2553917
Conc: 16.03 ug/ml



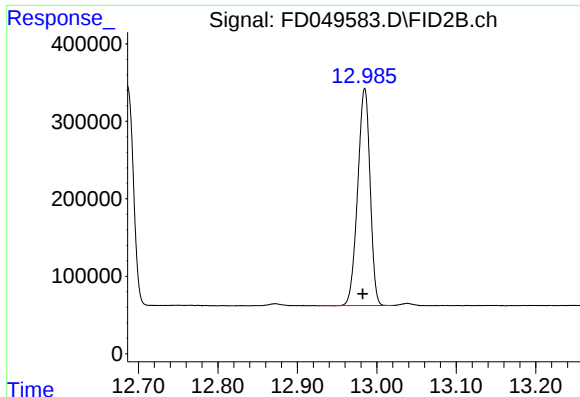
#11 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: 0.000 min
Response: 2924135
Conc: 17.83 ug/ml



#12 Fluoranthene (C21.85)

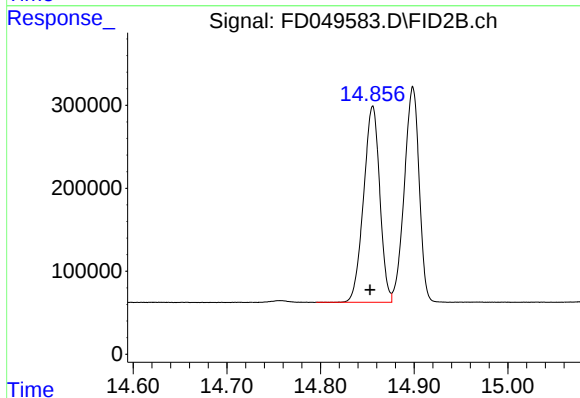
R.T.: 12.687 min
Delta R.T.: 0.002 min
Response: 3022013
Conc: 18.59 ug/ml



#13 Pyrene (C20.8)

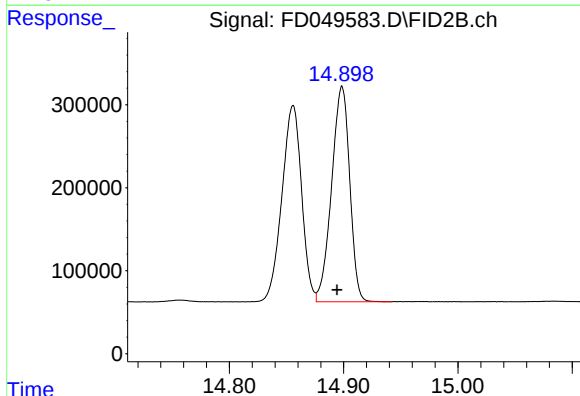
R.T.: 12.985 min
Delta R.T.: 0.002 min
Response: 3037687
Conc: 18.72 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



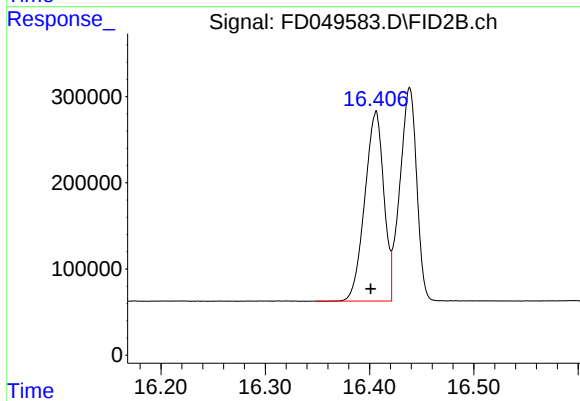
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.856 min
Delta R.T.: 0.003 min
Response: 2836121
Conc: 19.37 ug/ml



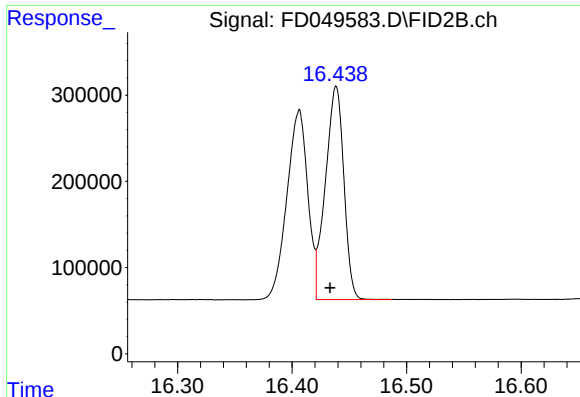
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: 0.004 min
Response: 2858727
Conc: 19.21 ug/ml



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

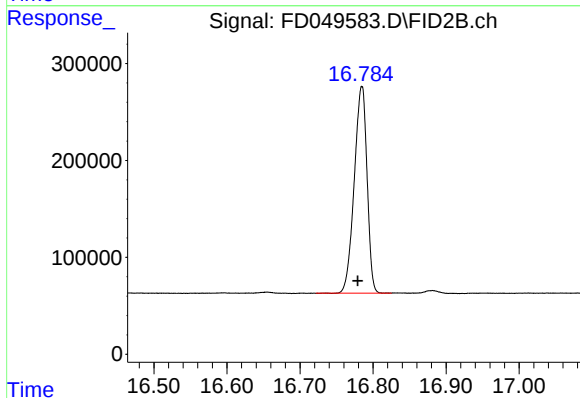
R.T.: 16.406 min
Delta R.T.: 0.005 min
Response: 2786960
Conc: 19.67 ug/ml



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

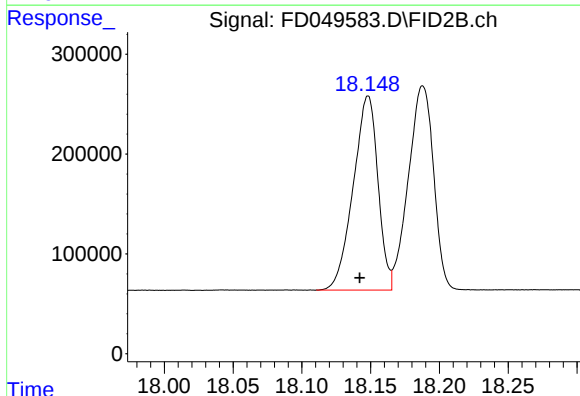
R.T.: 16.438 min
Delta R.T.: 0.005 min
Response: 2769931
Conc: 20.72 ug/ml

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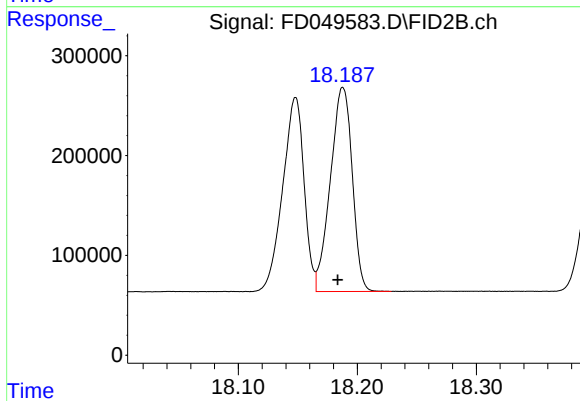
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.785 min
Delta R.T.: 0.005 min
Response: 2595769
Conc: 18.85 ug/ml



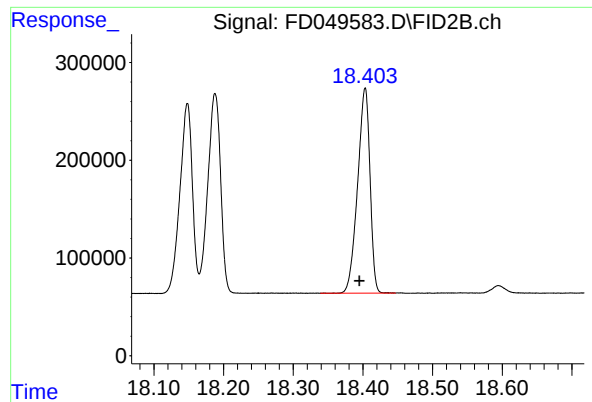
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: 0.006 min
Response: 2430943
Conc: 19.41 ug/ml



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

R.T.: 18.188 min
Delta R.T.: 0.004 min
Response: 2608386
Conc: 19.80 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.008 min
Response: 2587055
Conc: 19.55 ug/ml

Instrument :

FID_D

ClientSampleId :

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