

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040925AR\
 Data File : FD049257.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2025 12:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 02:08:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.748	2482646	16.760 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
6) S 2-Fluorobiphenyl (SURR)	8.614	1720525	16.867 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.73%
11) S ortho-Terphenyl (SURR)	11.656	2990123	16.972 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	2549733	17.015 ug/ml
2) T Naphthalene (C11.7)	6.085	2704236	16.516 ug/ml
3) T 2-Methylnaphthalene (...)	7.139	2706415	16.732 ug/ml
5) T Acenaphthylene (C15.06)	8.417	2928914	16.581 ug/ml
7) T Acenaphthene (C15.5)	8.713	2876997	16.699 ug/ml
8) T Fluorene (C16.55)	9.493	2951965	16.928 ug/ml
9) T Phenanthrene (C19.36)	10.891	2967762	17.293 ug/ml
10) T Anthracene (C19.43)	10.966	2562305	16.310 ug/ml
12) T Fluoranthene (C21.85)	12.705	2975601	17.604 ug/ml
13) T Pyrene (C20.8)	13.003	2961497	17.658 ug/ml
14) T Benzo[a]anthracene (C...	14.872	2568478	17.868 ug/ml
15) T Chrysene (C27.41)	14.914	2600191	18.020 ug/ml
16) T benzo[b]fluoranthene ...	16.421	2530744	18.191 ug/ml
17) T Bnezo[k]fluoranthene ...	16.453	2478258	18.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	2353936	18.102 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	2240829	18.177 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2430668	19.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.418	2395749	18.351 ug/ml

(f)=RT Delta > 1/2 Window

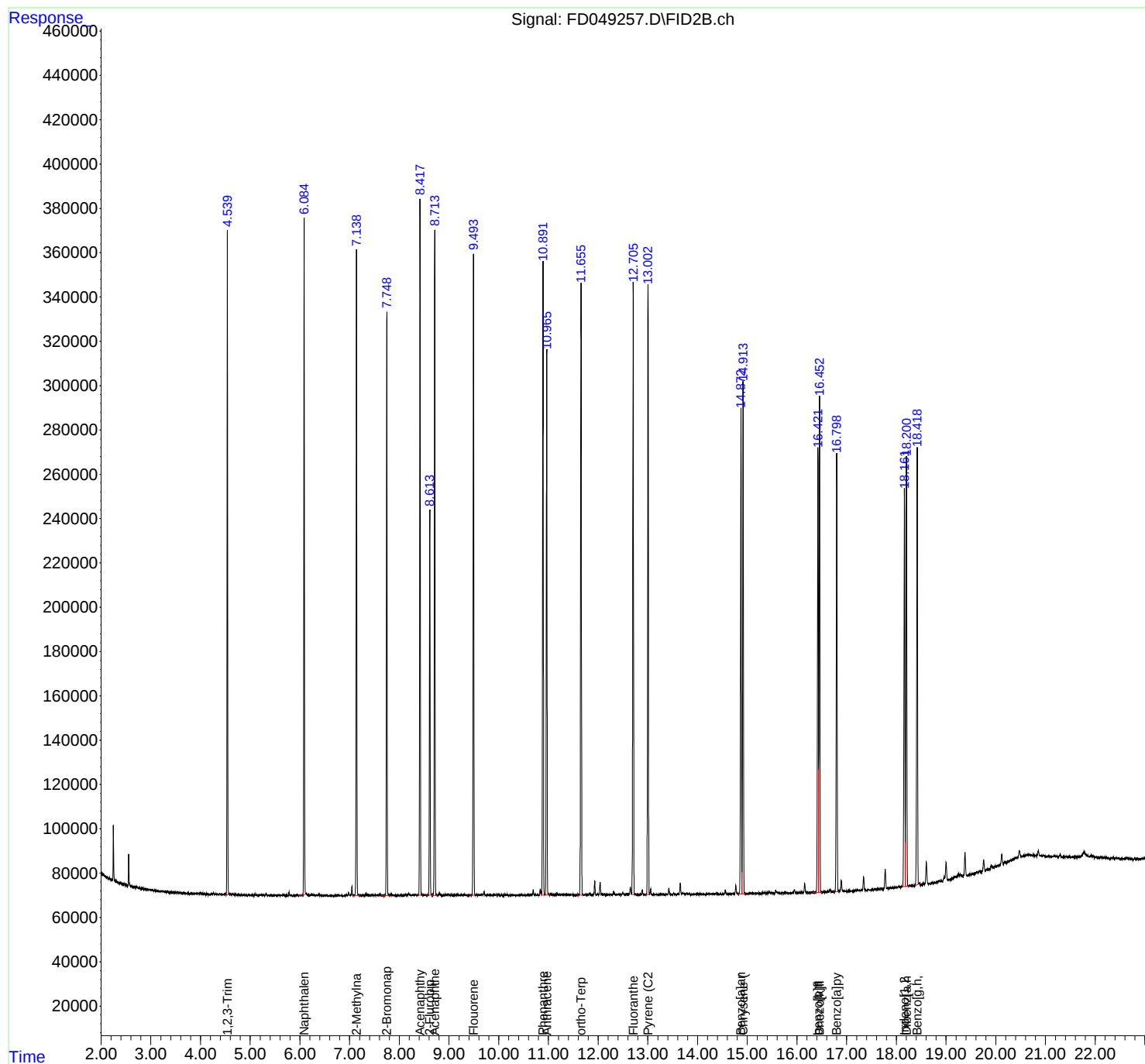
(m)=manual int.

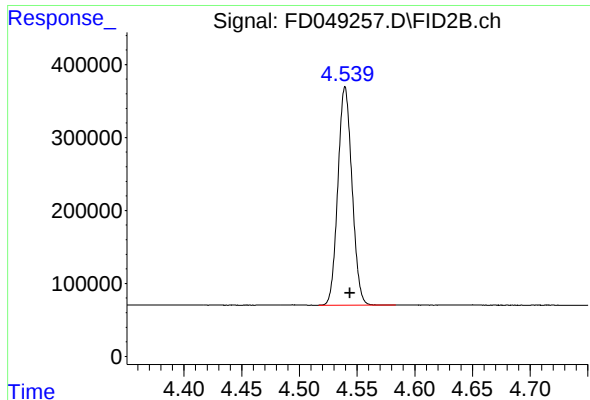
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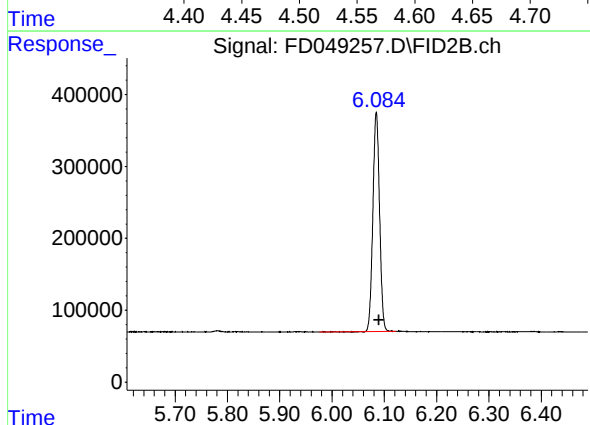




#1 1,2,3-Trimethylbenzene (C10.1)

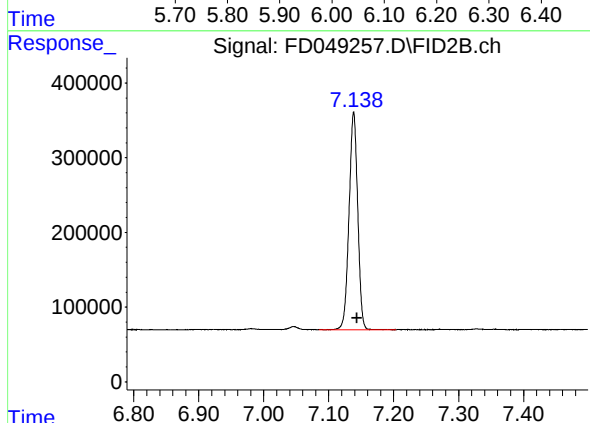
R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 2549733
Conc: 17.02 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



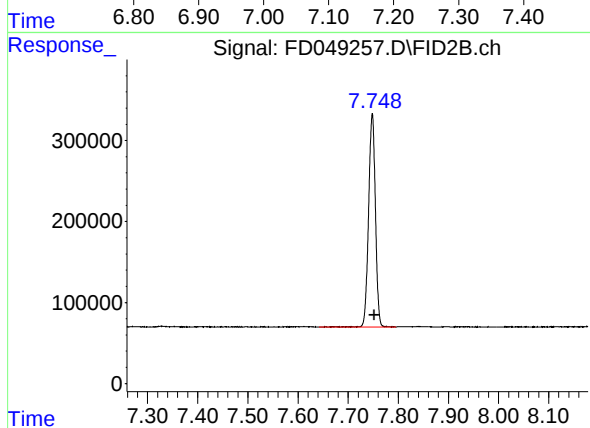
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 2704236
Conc: 16.52 ug/ml



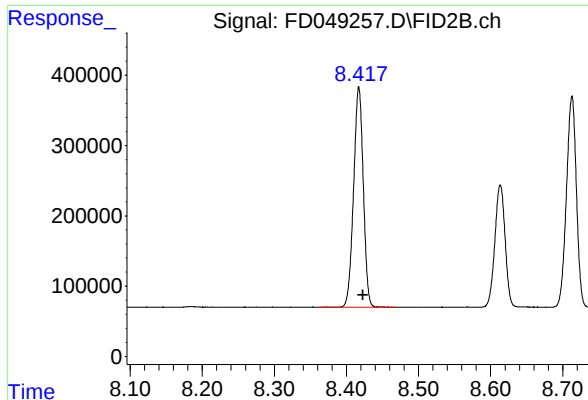
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 2706415
Conc: 16.73 ug/ml



#4 2-Bromonaphthalene (SURR)

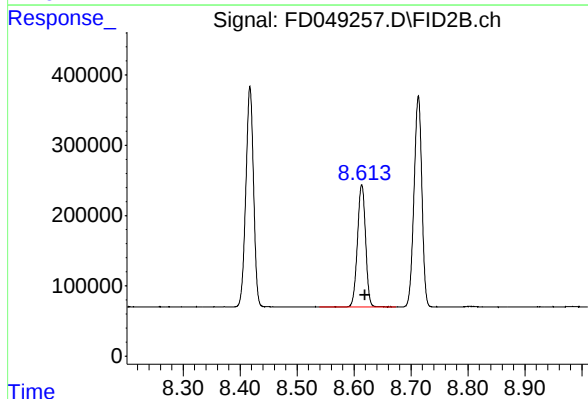
R.T.: 7.748 min
Delta R.T.: -0.004 min
Response: 2482646
Conc: 16.76 ug/ml



#5 Acenaphthylene (C15.06)

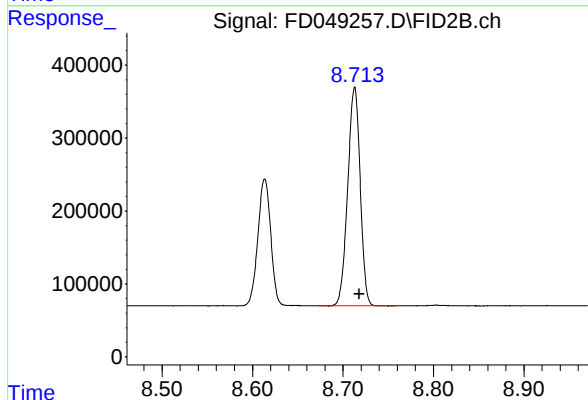
R.T.: 8.417 min
Delta R.T.: -0.005 min
Response: 2928914
Conc: 16.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



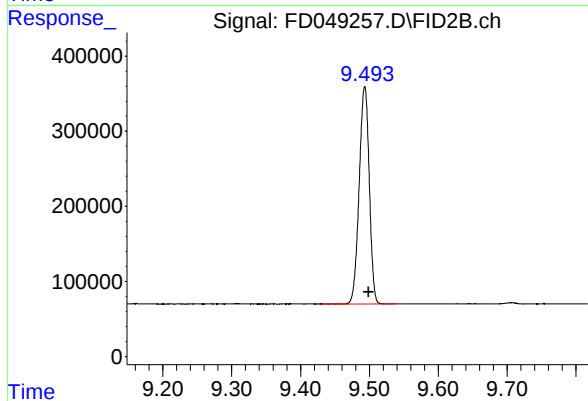
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.006 min
Response: 1720525
Conc: 16.87 ug/ml



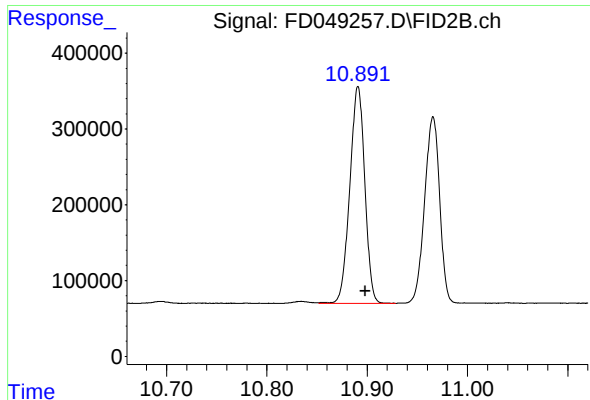
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: -0.005 min
Response: 2876997
Conc: 16.70 ug/ml



#8 Flouorene (C16.55)

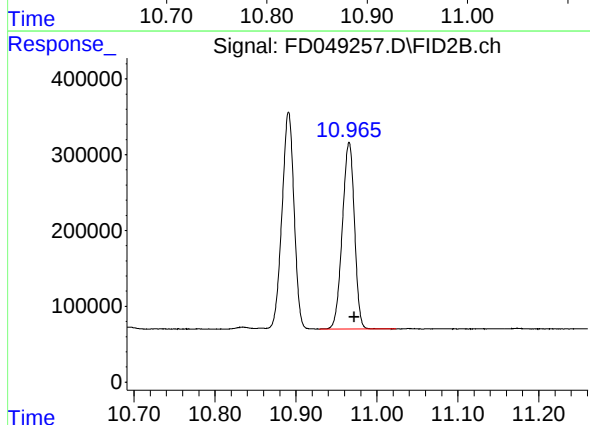
R.T.: 9.493 min
Delta R.T.: -0.006 min
Response: 2951965
Conc: 16.93 ug/ml



#9 Phenanthrene (C19.36)

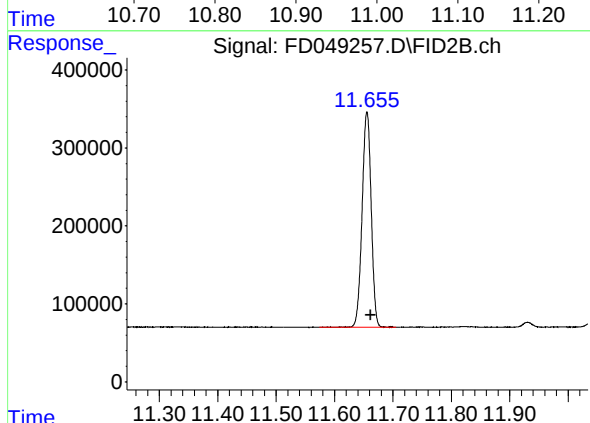
R.T.: 10.891 min
Delta R.T.: -0.007 min
Response: 2967762
Conc: 17.29 ug/ml

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20 PPM AROMATIC HC STD



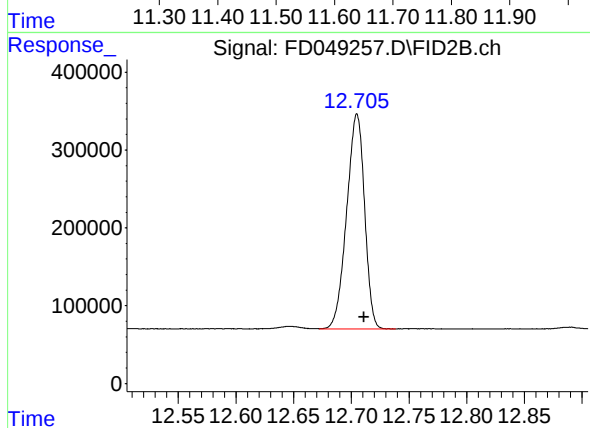
#10 Anthracene (C19.43)

R.T.: 10.966 min
Delta R.T.: -0.006 min
Response: 2562305
Conc: 16.31 ug/ml



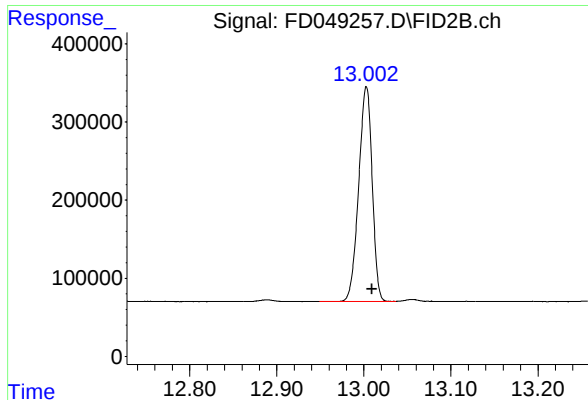
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.006 min
Response: 2990123
Conc: 16.97 ug/ml



#12 Fluoranthene (C21.85)

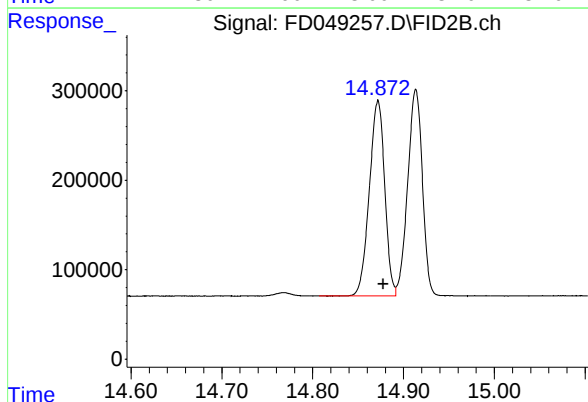
R.T.: 12.705 min
Delta R.T.: -0.006 min
Response: 2975601
Conc: 17.60 ug/ml



#13 Pyrene (C20.8)

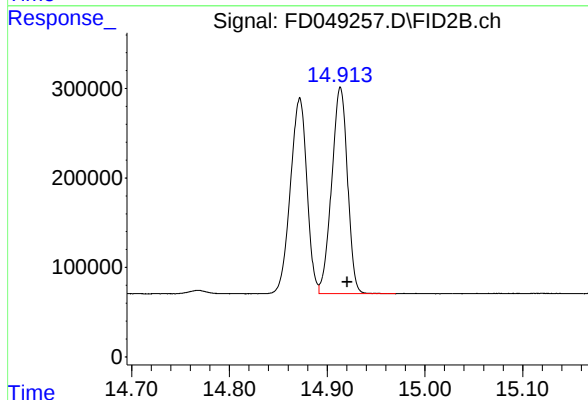
R.T.: 13.003 min
Delta R.T.: -0.006 min
Response: 2961497
Conc: 17.66 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



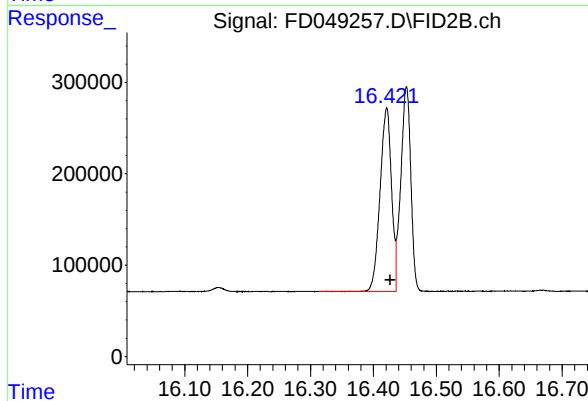
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: -0.006 min
Response: 2568478
Conc: 17.87 ug/ml



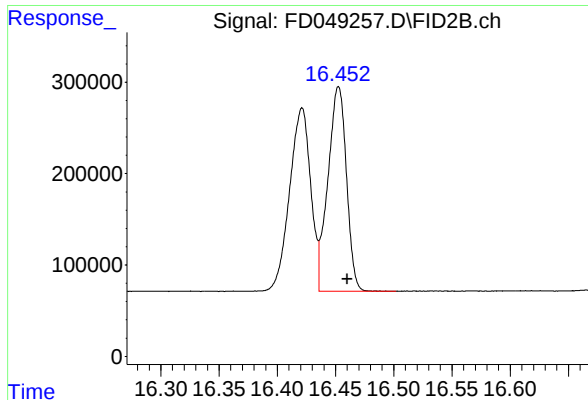
#15 Chrysene (C27.41)

R.T.: 14.914 min
Delta R.T.: -0.007 min
Response: 2600191
Conc: 18.02 ug/ml



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

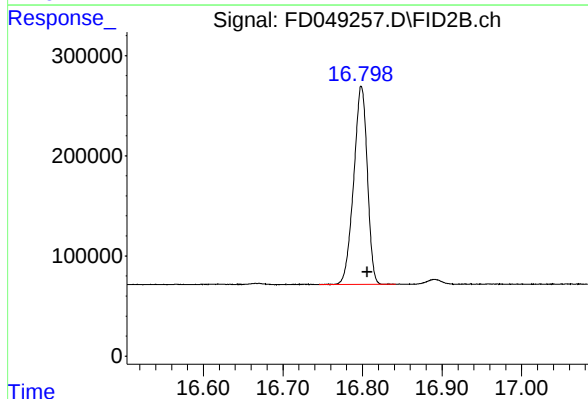
R.T.: 16.421 min
Delta R.T.: -0.006 min
Response: 2530744
Conc: 18.19 ug/ml



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

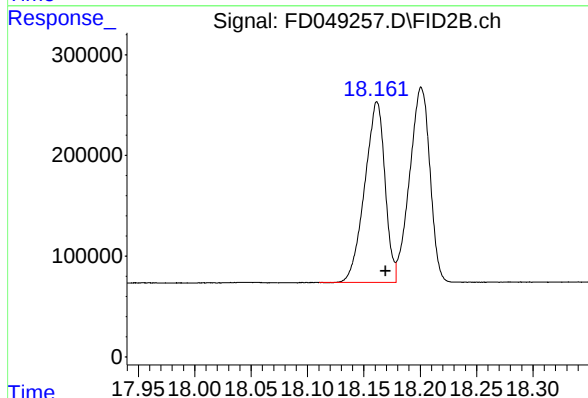
R.T.: 16.453 min
Delta R.T.: -0.007 min
Response: 2478258
Conc: 18.12 ug/ml

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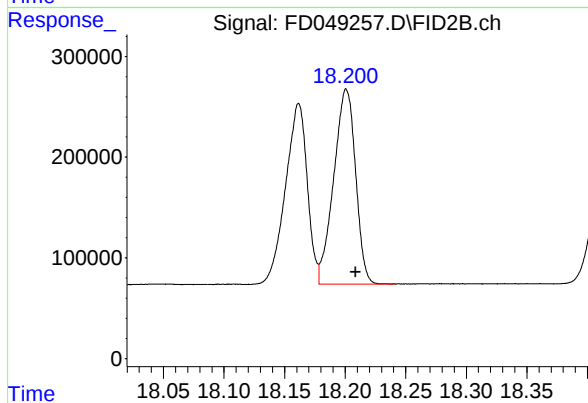
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: -0.008 min
Response: 2353936
Conc: 18.10 ug/ml



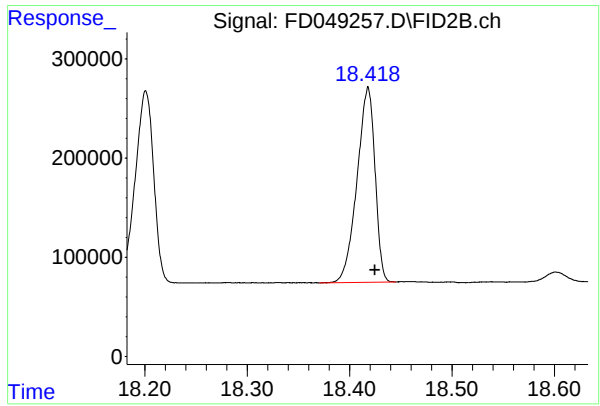
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.162 min
Delta R.T.: -0.008 min
Response: 2240829
Conc: 18.18 ug/ml



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

R.T.: 18.201 min
Delta R.T.: -0.008 min
Response: 2430668
Conc: 19.22 ug/ml



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

R.T.: 18.418 min
Delta R.T.: -0.007 min
Response: 2395749
Conc: 18.35 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD