

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048575.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 20:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 24 01:38:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.373	3052126	20.109 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
6) S 2-Fluorobiphenyl (SURR)	8.223	1996480	20.332 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.66%
11) S ortho-Terphenyl (SURR)	11.258	3406708	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3488521	20.052 ug/ml
2) T Naphthalene (C11.7)	5.713	3614193	20.255 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3603651	20.147 ug/ml
5) T Acenaphthylene (C15.06)	8.026	3513948	20.012 ug/ml
7) T Acenaphthene (C15.5)	8.319	3540609	19.962 ug/ml
8) T Fluorene (C16.55)	9.098	3404494	20.141 ug/ml
9) T Phenanthrene (C19.36)	10.485	3326747	20.125 ug/ml
10) T Anthracene (C19.43)	10.560	3199594	20.009 ug/ml
12) T Fluoranthene (C21.85)	12.289	3276778	19.910 ug/ml
13) T Pyrene (C20.8)	12.581	3236274	20.091 ug/ml
14) T Benzo[a]anthracene (C...	14.450	2974365	20.342 ug/ml
15) T Chrysene (C27.41)	14.492	3252306	19.772 ug/ml
16) T benzo[b]fluoranthene ...	15.996	3069897	20.193 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	3044546	20.256 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	3057872	20.319 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	2633640	20.185 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	3298581	20.270 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3087983	20.171 ug/ml

(f)=RT Delta > 1/2 Window

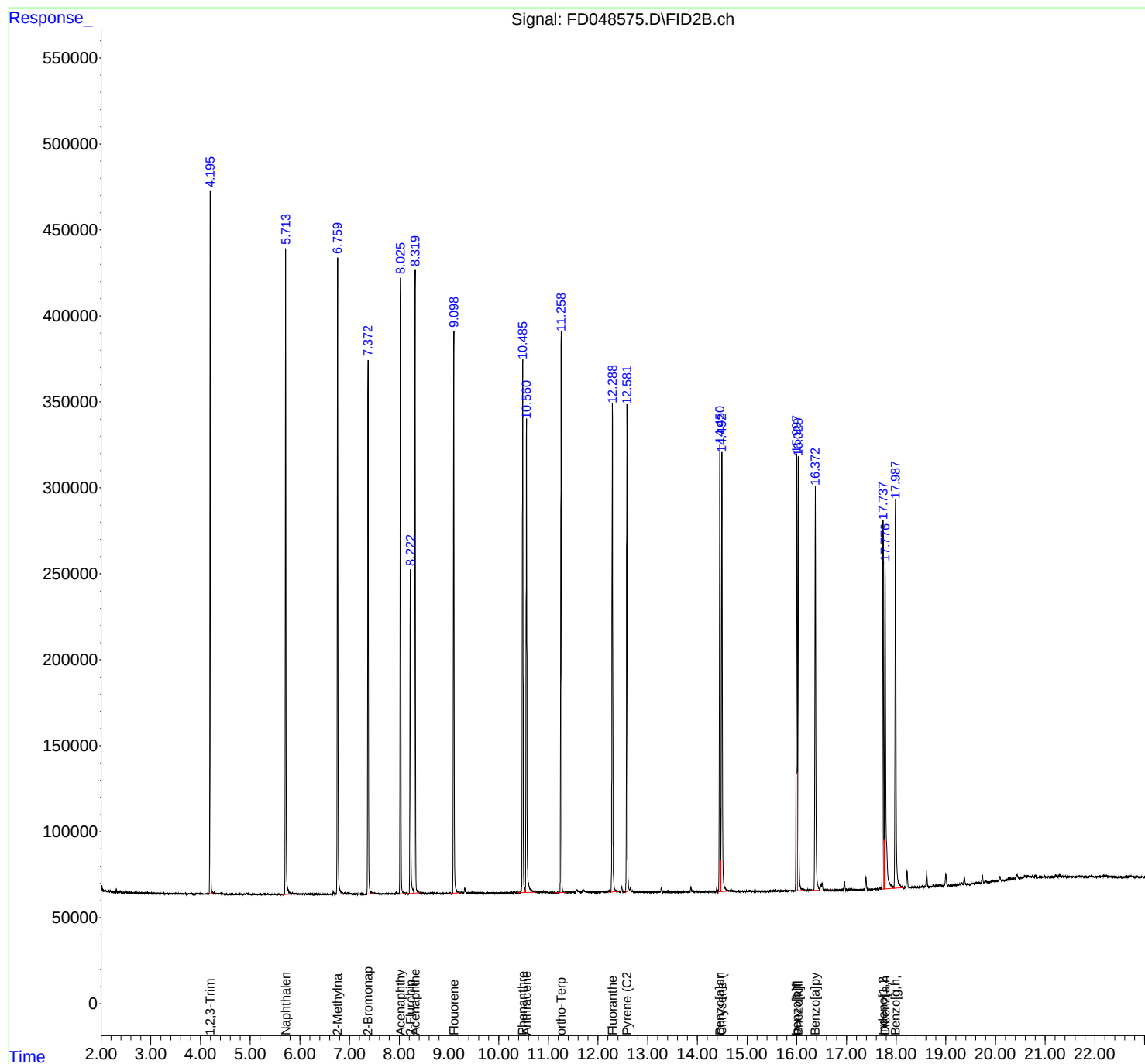
(m)=manual int.

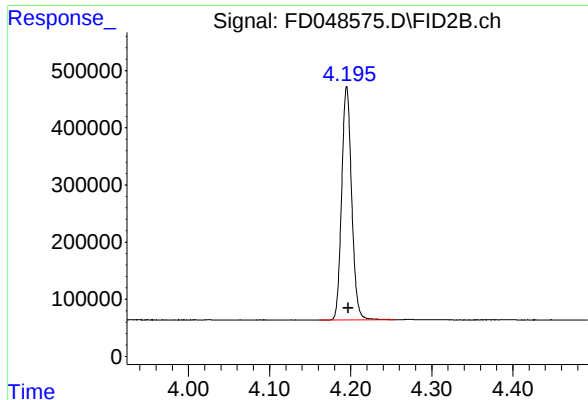
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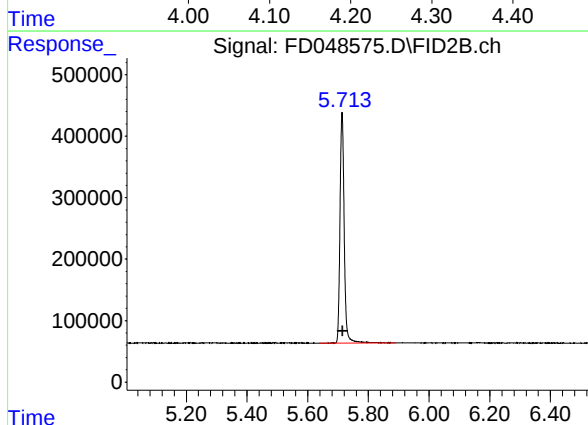




#1 1,2,3-Trimethylbenzene (C10.1)

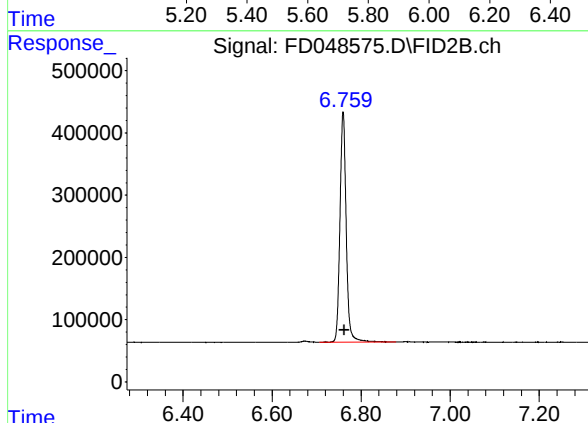
R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 3488521
Conc: 20.05 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



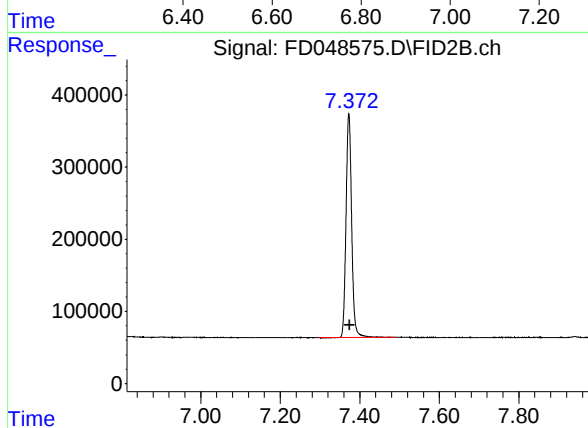
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 3614193
Conc: 20.26 ug/ml



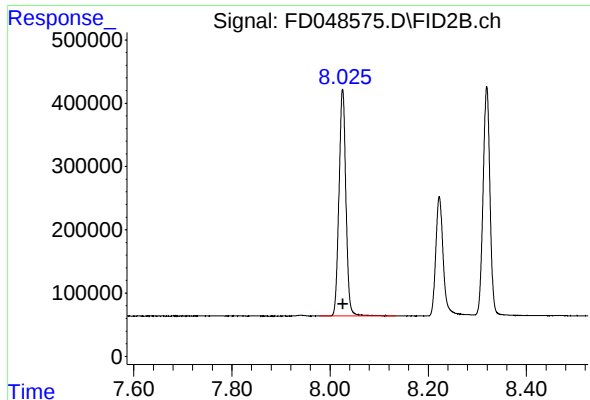
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 3603651
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

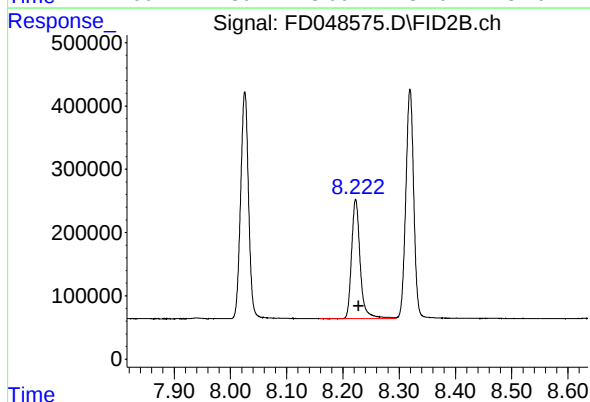
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 3052126
Conc: 20.11 ug/ml



#5 Acenaphthylene (C15.06)

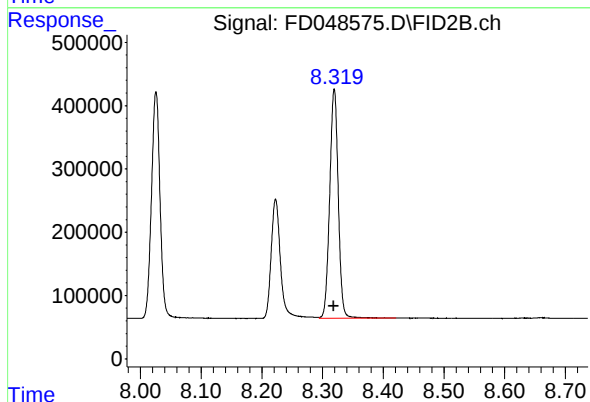
R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 3513948
Conc: 20.01 ug/ml

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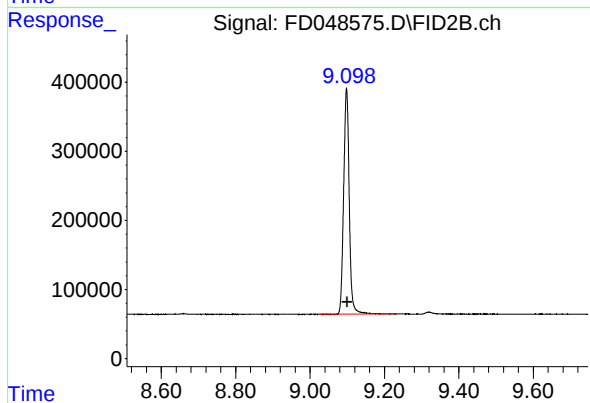
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 1996480
Conc: 20.33 ug/ml



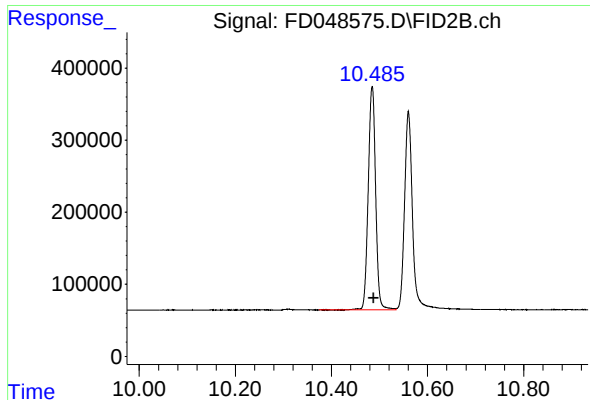
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3540609
Conc: 19.96 ug/ml



#8 Flouorene (C16.55)

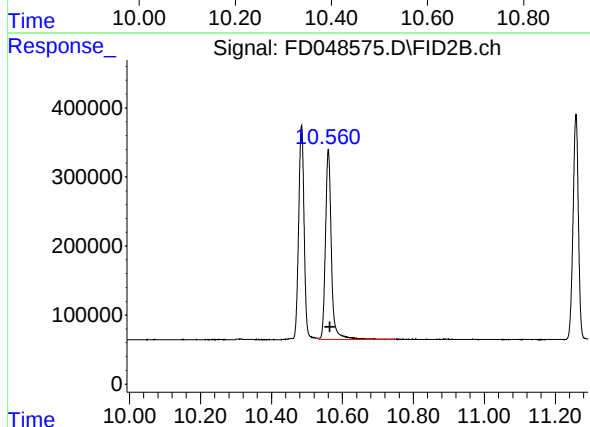
R.T.: 9.098 min
Delta R.T.: -0.002 min
Response: 3404494
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

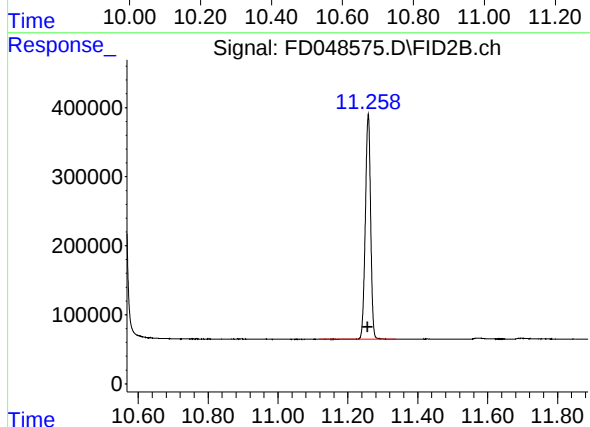
R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 3326747
Conc: 20.12 ug/ml

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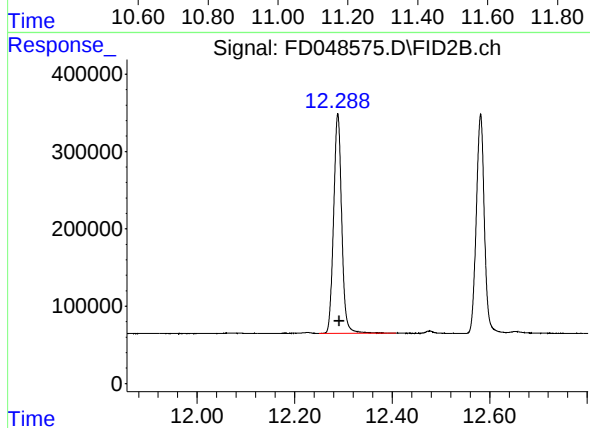
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.004 min
Response: 3199594
Conc: 20.01 ug/ml



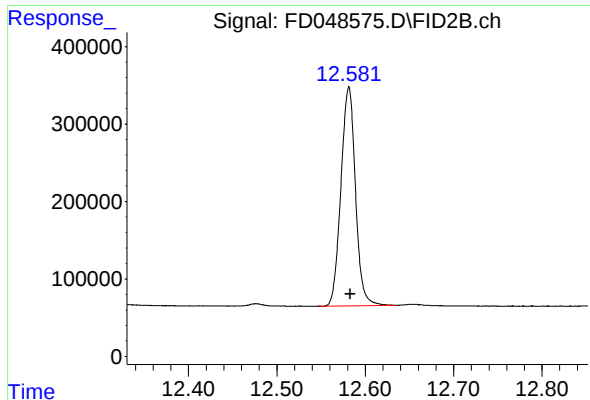
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.001 min
Response: 3406708
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

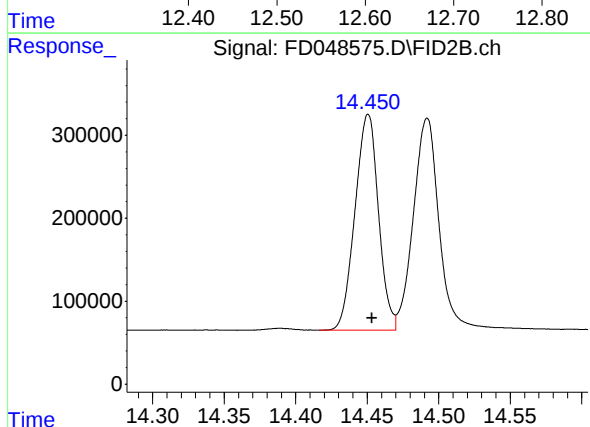
R.T.: 12.289 min
Delta R.T.: -0.003 min
Response: 3276778
Conc: 19.91 ug/ml



#13 Pyrene (C20.8)

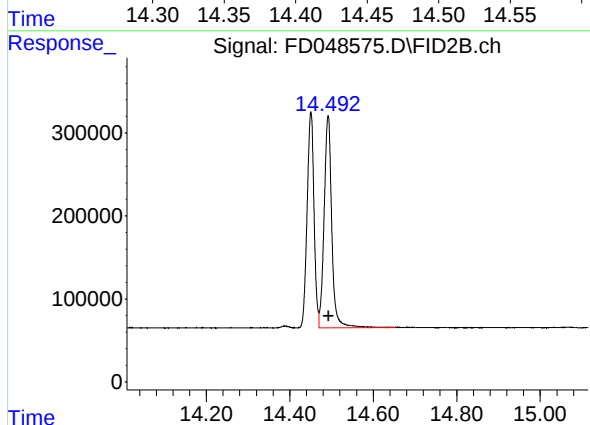
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3236274
Conc: 20.09 ug/ml

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20 PPM AROMATIC HC STD



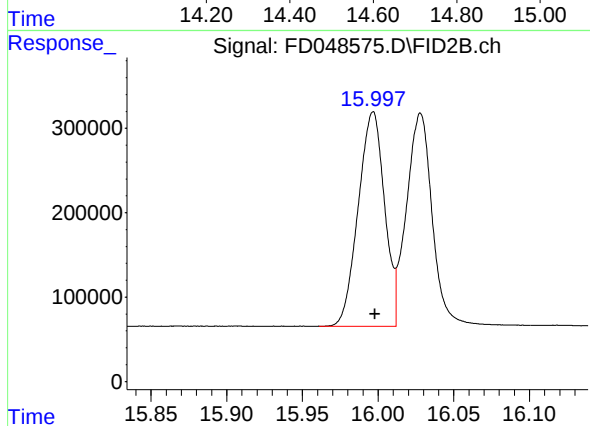
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 2974365
Conc: 20.34 ug/ml



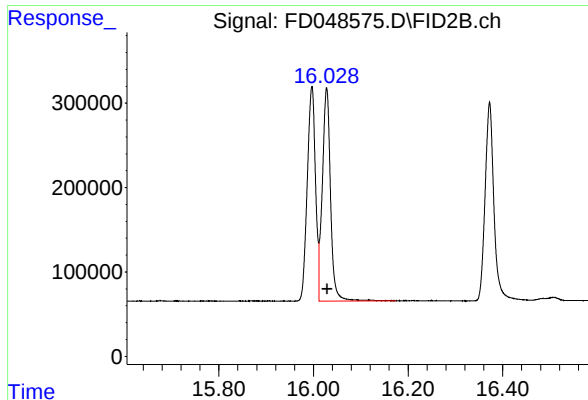
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.002 min
Response: 3252306
Conc: 19.77 ug/ml



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

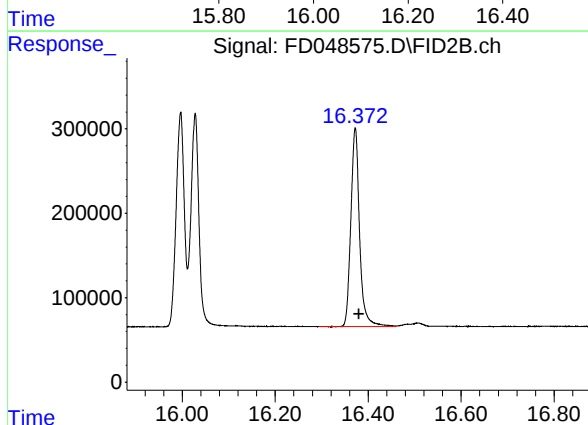
R.T.: 15.996 min
Delta R.T.: -0.001 min
Response: 3069897
Conc: 20.19 ug/ml



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

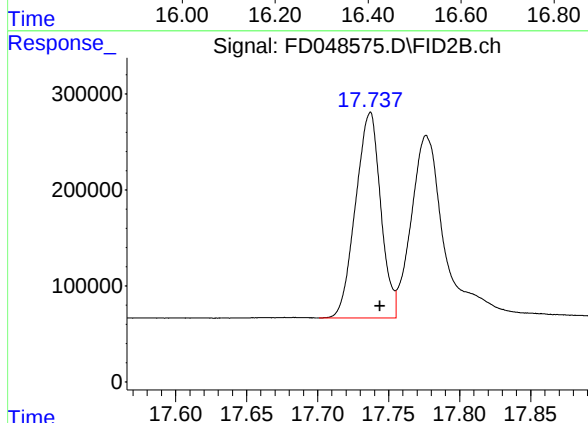
R.T.: 16.028 min
Delta R.T.: -0.002 min
Response: 3044546
Conc: 20.26 ug/ml

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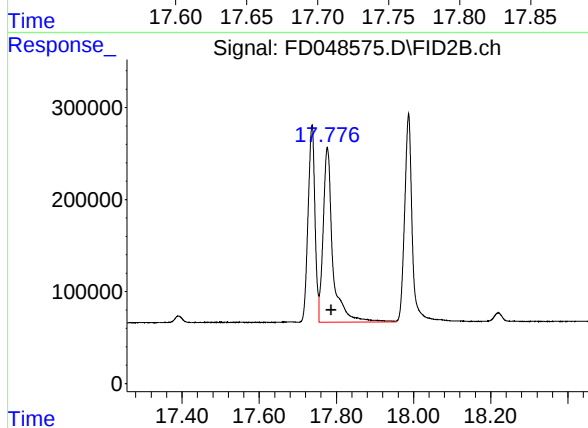
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: -0.008 min
Response: 3057872
Conc: 20.32 ug/ml



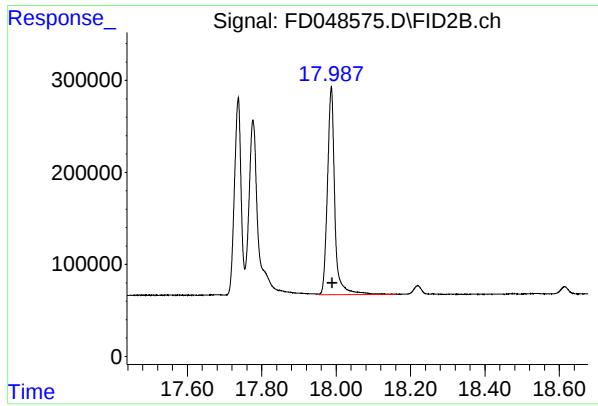
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: -0.007 min
Response: 2633640
Conc: 20.18 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.010 min
Response: 3298581
Conc: 20.27 ug/ml



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

R.T.: 17.987 min

Delta R.T.: -0.003 min

Response: 3087983

Conc: 20.17 ug/ml

Instrument :

FID_D

ClientSampleId :

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