

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101822AR\
 Data File : FD044170.D
 Signal(s) : FID2B.ch
 Acq On : 18 Oct 2022 23:40
 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: Oct 19 05:31:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.417	2300183	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
6) S 2-Fluorobiphenyl (SURR)	8.274	1370338	18.199 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.40%
11) S ortho-Terphenyl (SURR)	11.300	3101935	18.326 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	2629107	18.626 ug/ml
2) T Naphthalene (C11.7)	5.759	2563602	18.700 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	2566486	18.104 ug/ml
5) T Acenaphthylene (C15.06)	8.072	2576848	18.369 ug/ml
7) T Acenaphthene (C15.5)	8.363	2893343	18.606 ug/ml
8) T Flouorene (C16.55)	9.144	2623907	18.651 ug/ml
9) T Phenanthrene (C19.36)	10.536	2491223	18.498 ug/ml
10) T Anthracene (C19.43)	10.612	2409168	17.929 ug/ml
12) T Fluoranthene (C21.85)	12.341	2522307	18.887 ug/ml
13) T Pyrene (C20.8)	12.635	2331603	18.459 ug/ml
14) T Benzo[a]anthracene (C...	14.505	2022620	19.042 ug/ml
15) T Chrysene (C27.41)	14.546	2493019	19.018 ug/ml
16) T benzo[b]fluoranthene ...	16.052	2159450	19.242 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	2402615	18.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	2047478	17.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	2053722	19.264 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	2364008	19.108 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2225919	18.961 ug/ml

(f)=RT Delta > 1/2 Window

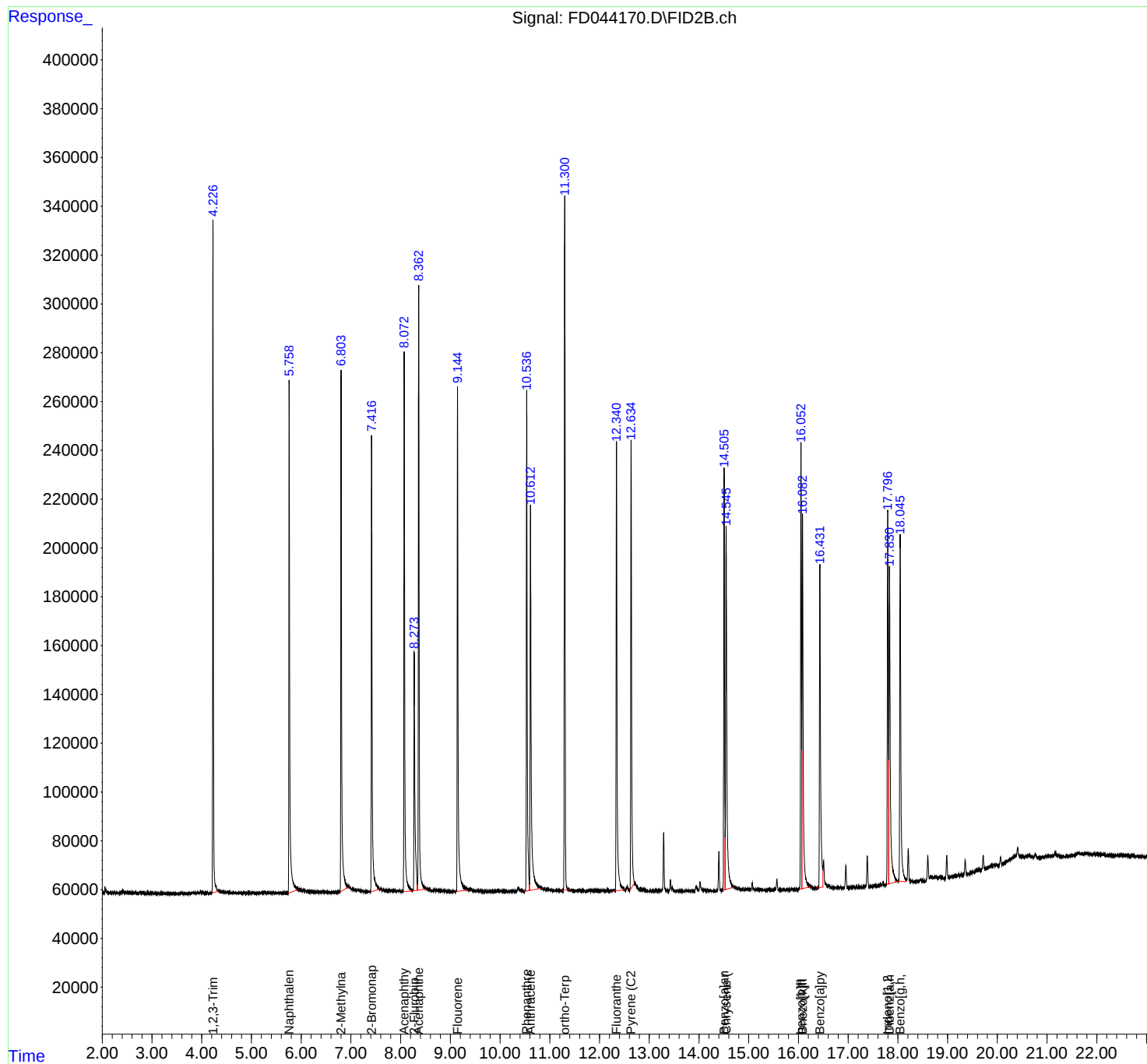
(m)=manual int.

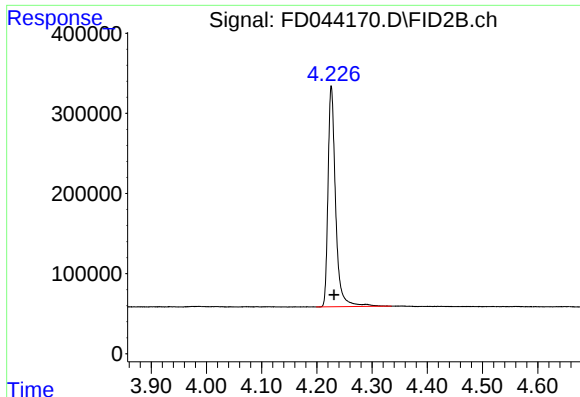
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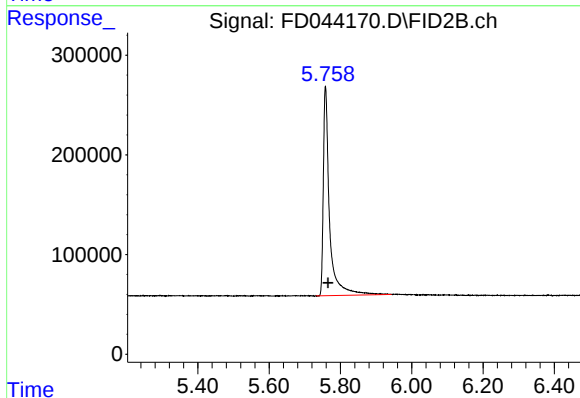




#1 1,2,3-Trimethylbenzene (C10.1)

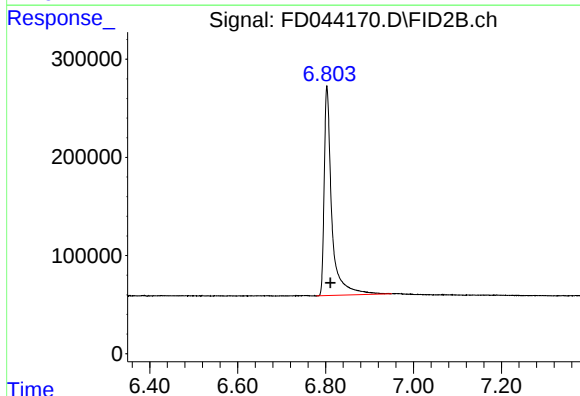
R.T.: 4.227 min
Delta R.T.: -0.004 min
Response: 2629107
Conc: 18.63 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



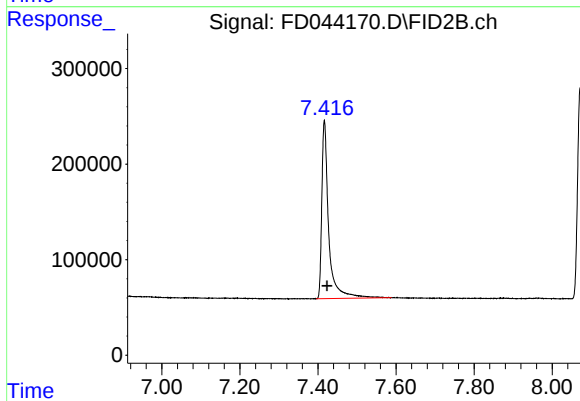
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.007 min
Response: 2563602
Conc: 18.70 ug/ml



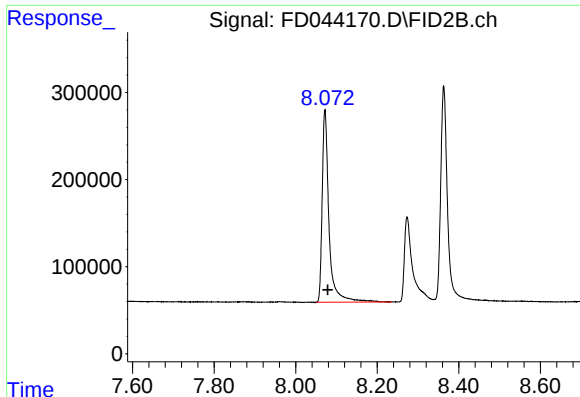
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.008 min
Response: 2566486
Conc: 18.10 ug/ml



#4 2-Bromonaphthalene (SURR)

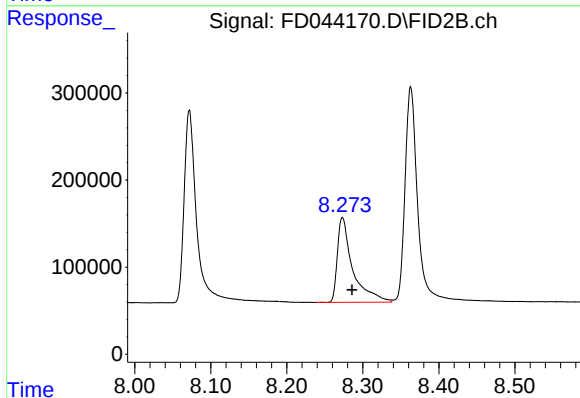
R.T.: 7.417 min
Delta R.T.: -0.007 min
Response: 2300183
Conc: 18.53 ug/ml



#5 Acenaphthylene (C15.06)

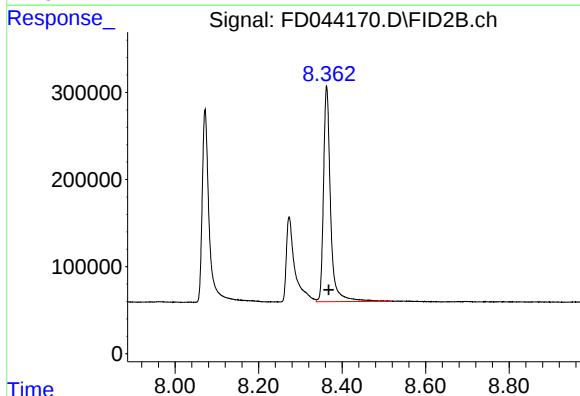
R.T.: 8.072 min
Delta R.T.: -0.006 min
Response: 2576848
Conc: 18.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



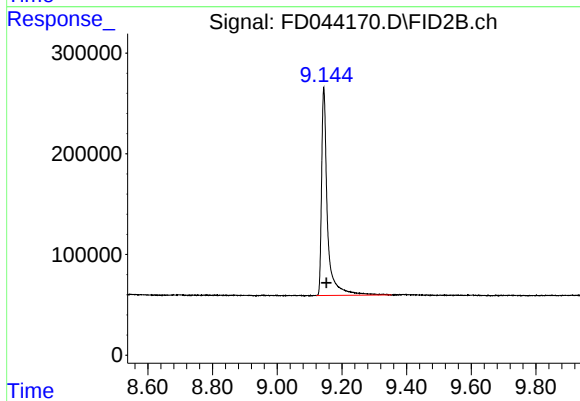
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.012 min
Response: 1370338
Conc: 18.20 ug/ml



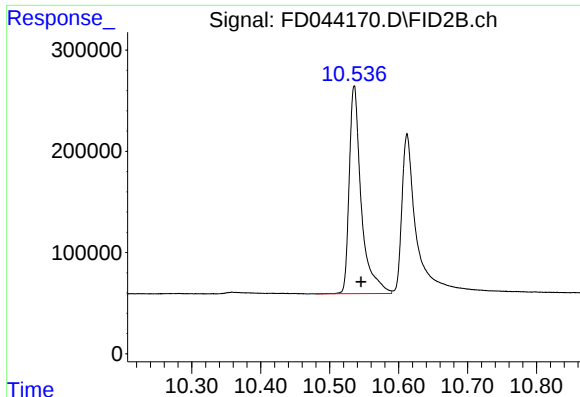
#7 Acenaphthene (C15.5)

R.T.: 8.363 min
Delta R.T.: -0.005 min
Response: 2893343
Conc: 18.61 ug/ml



#8 Fluorene (C16.55)

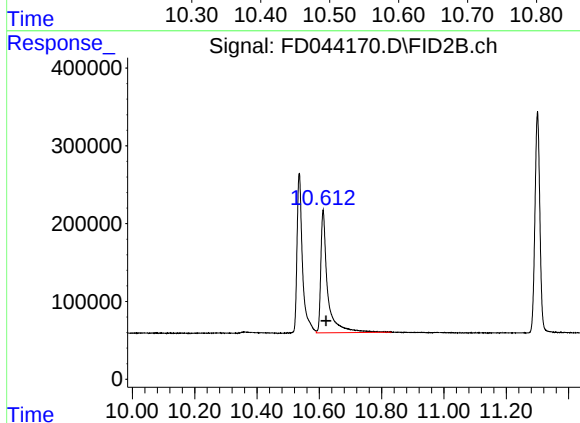
R.T.: 9.144 min
Delta R.T.: -0.008 min
Response: 2623907
Conc: 18.65 ug/ml



#9 Phenanthrene (C19.36)

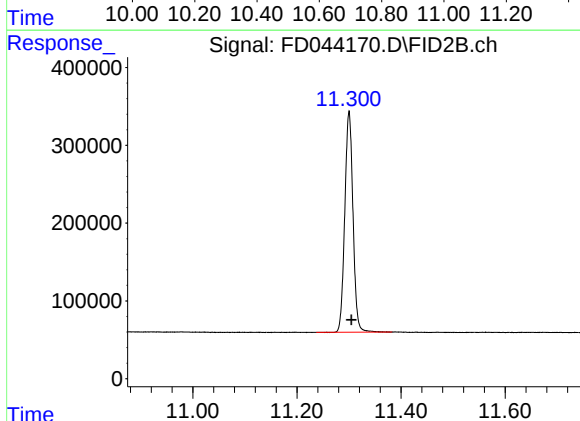
R.T.: 10.536 min
Delta R.T.: -0.009 min
Response: 2491223
Conc: 18.50 ug/ml

Instrument :
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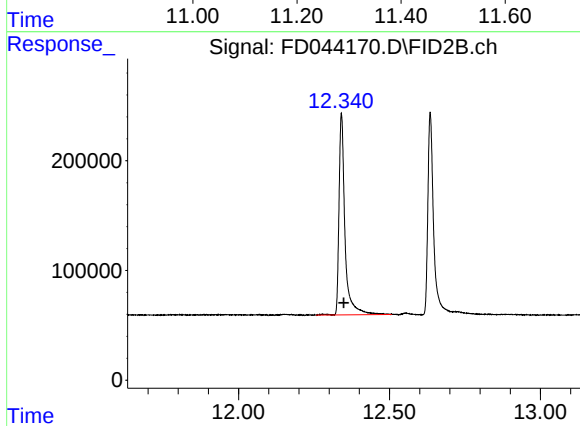
#10 Anthracene (C19.43)

R.T.: 10.612 min
Delta R.T.: -0.009 min
Response: 2409168
Conc: 17.93 ug/ml



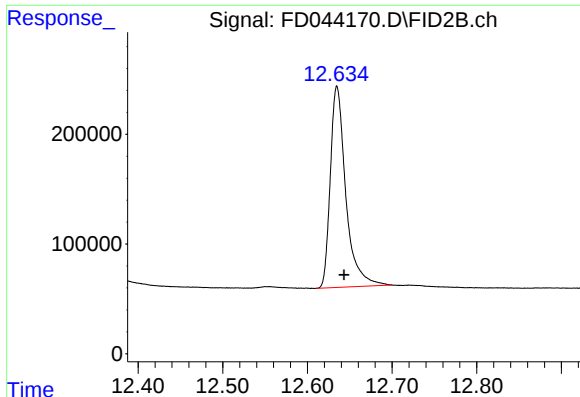
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.004 min
Response: 3101935
Conc: 18.33 ug/ml



#12 Fluoranthene (C21.85)

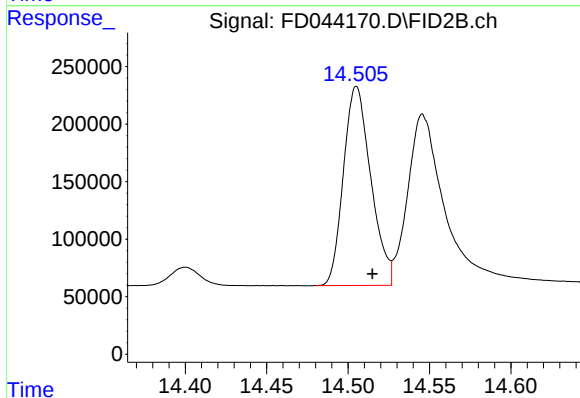
R.T.: 12.341 min
Delta R.T.: -0.008 min
Response: 2522307
Conc: 18.89 ug/ml



#13 Pyrene (C20.8)

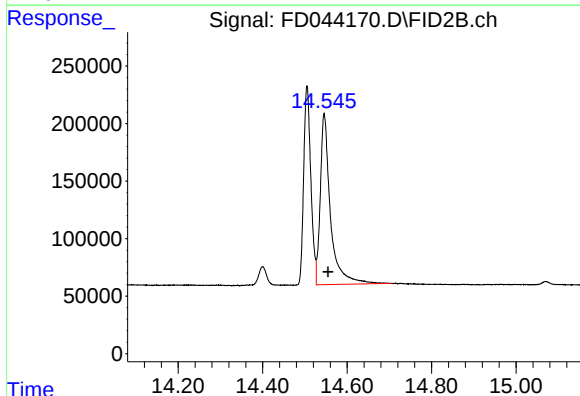
R.T.: 12.635 min
Delta R.T.: -0.008 min
Response: 2331603
Conc: 18.46 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



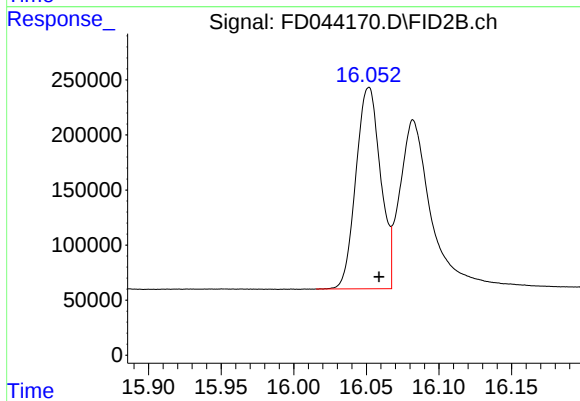
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: -0.010 min
Response: 2022620
Conc: 19.04 ug/ml



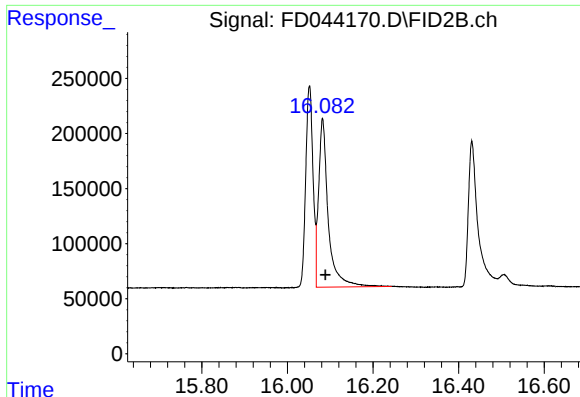
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: -0.009 min
Response: 2493019
Conc: 19.02 ug/ml



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

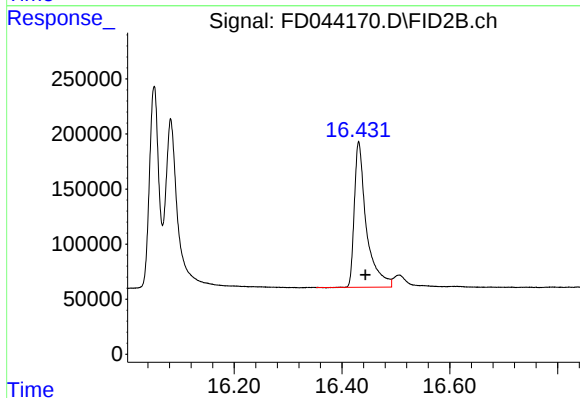
R.T.: 16.052 min
Delta R.T.: -0.007 min
Response: 2159450
Conc: 19.24 ug/ml



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

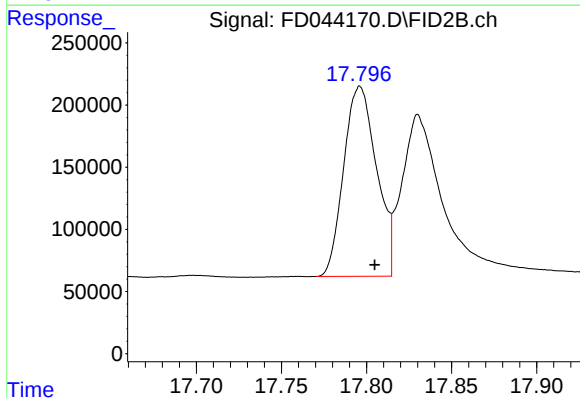
R.T.: 16.082 min
Delta R.T.: -0.007 min
Response: 2402615
Conc: 18.88 ug/ml

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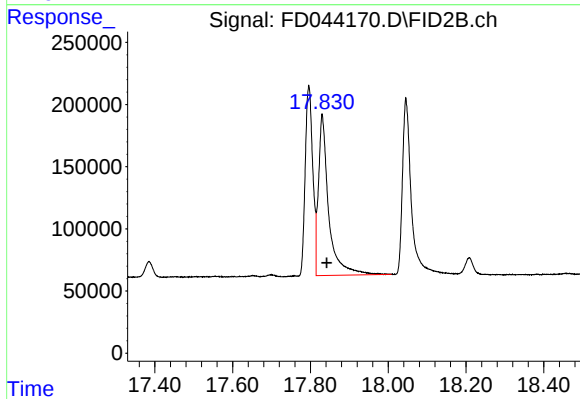
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: -0.012 min
Response: 2047478
Conc: 17.62 ug/ml



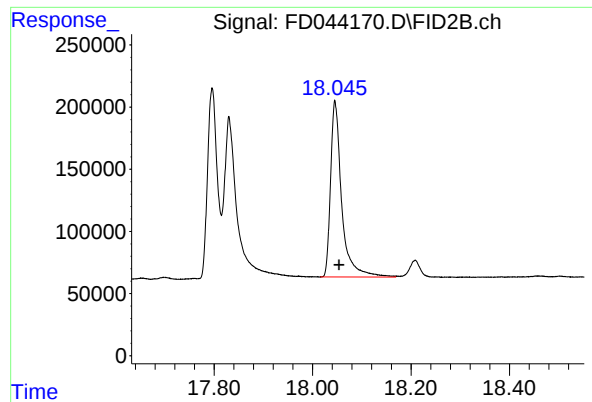
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.009 min
Response: 2053722
Conc: 19.26 ug/ml



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

R.T.: 17.831 min
Delta R.T.: -0.011 min
Response: 2364008
Conc: 19.11 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 2225919
Conc: 18.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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