

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045331.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 12:37
 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: Mar 25 02:27:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.547	2758046	20.323 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
6) S 2-Fluorobiphenyl (SURR)	8.403	1814201	20.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.443	3482202	20.920 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3145993	20.772 ug/ml
2) T Naphthalene (C11.7)	5.887	3246101	20.548 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	3230706	20.329 ug/ml
5) T Acenaphthylene (C15.06)	8.207	2937849	20.489 ug/ml
7) T Acenaphthene (C15.5)	8.503	3119127	20.579 ug/ml
8) T Fluorene (C16.55)	9.281	3001599	20.387 ug/ml
9) T Phenanthrene (C19.36)	10.672	2923402	20.476 ug/ml
10) T Anthracene (C19.43)	10.745	2760898	19.703 ug/ml
12) T Fluoranthene (C21.85)	12.477	2908475	20.821 ug/ml
13) T Pyrene (C20.8)	12.772	2833028	20.804 ug/ml
14) T Benzo[a]anthracene (C...	14.637	2628570	20.620 ug/ml
15) T Chrysene (C27.41)	14.679	2690759	20.646 ug/ml
16) T benzo[b]fluoranthene ...	16.179	2669814	20.709 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	2636275	20.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2576031	20.468 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	2324249	19.429 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	2366200	19.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	2474833	19.890 ug/ml

(f)=RT Delta > 1/2 Window

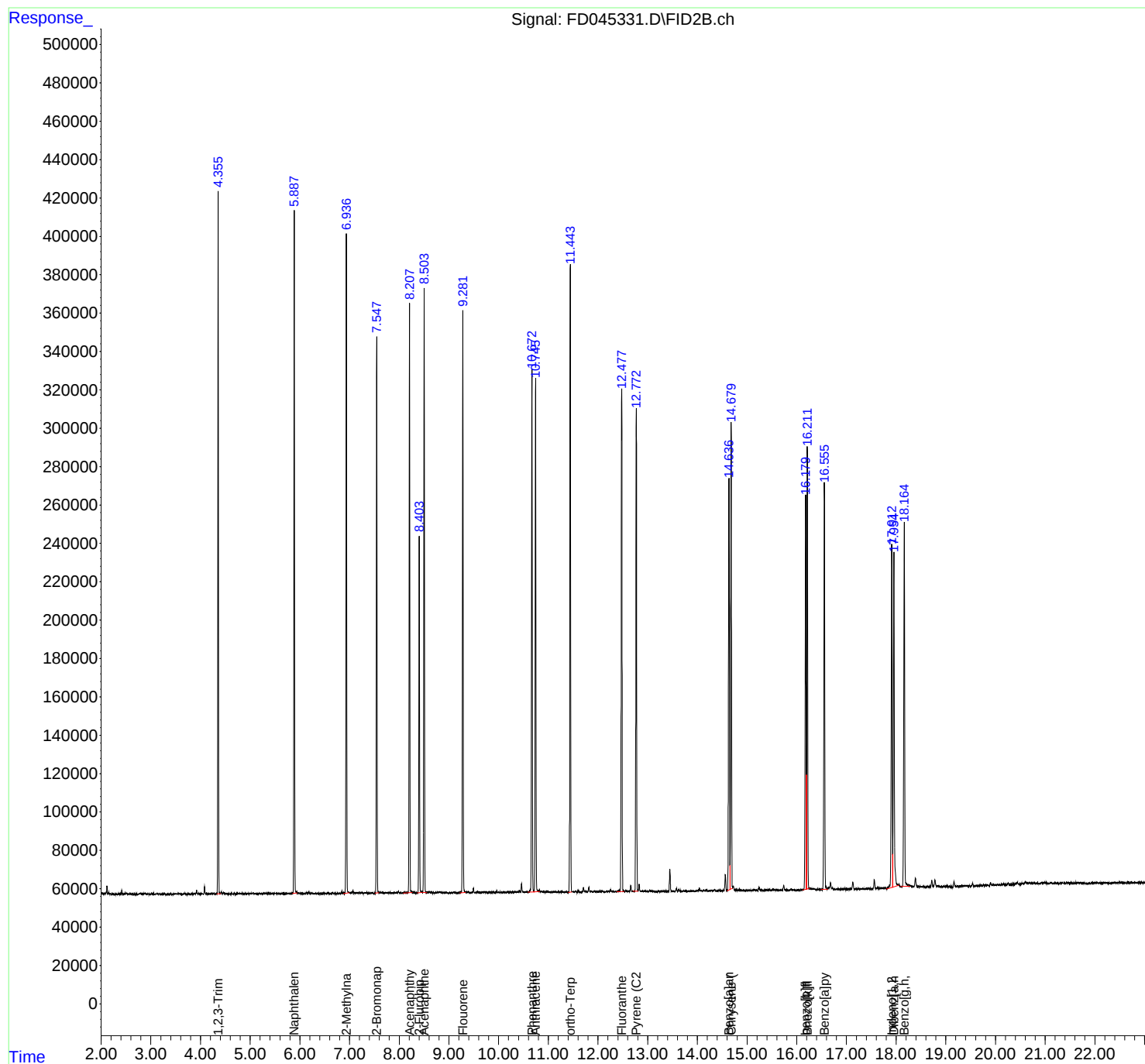
(m)=manual int.

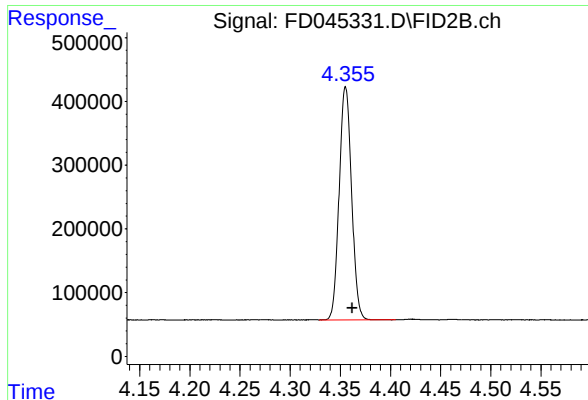
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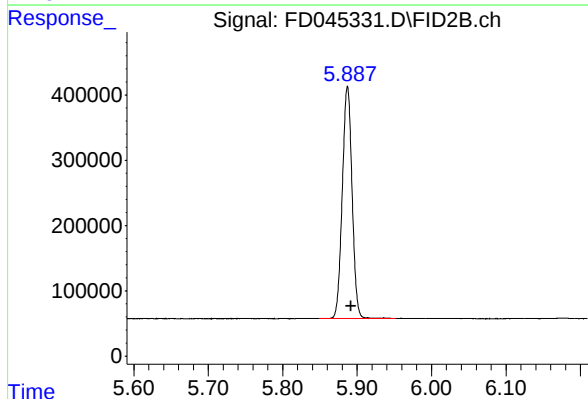




#1 1,2,3-Trimethylbenzene (C10.1)

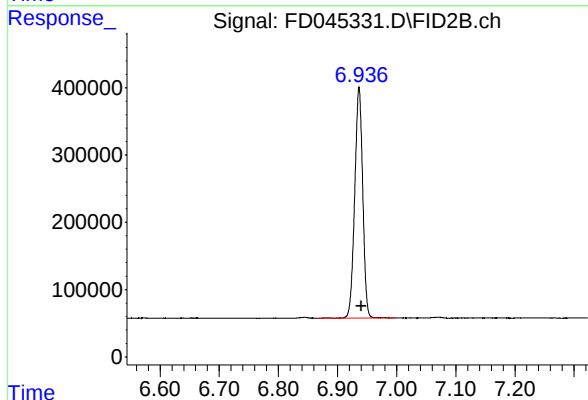
R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 3145993
Conc: 20.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



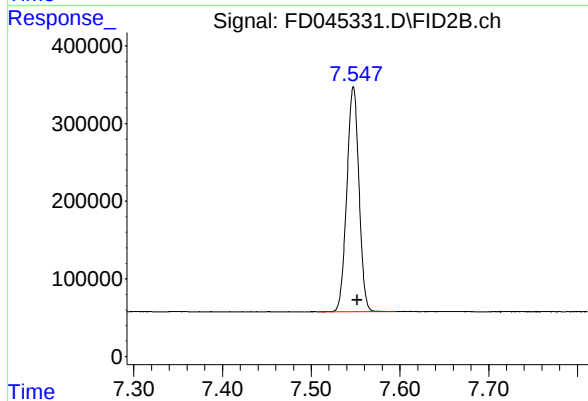
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.005 min
Response: 3246101
Conc: 20.55 ug/ml



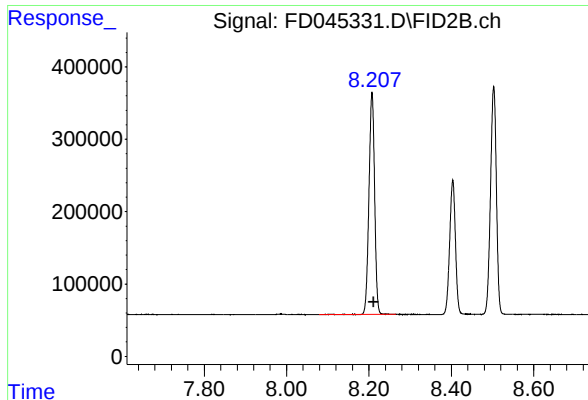
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 3230706
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

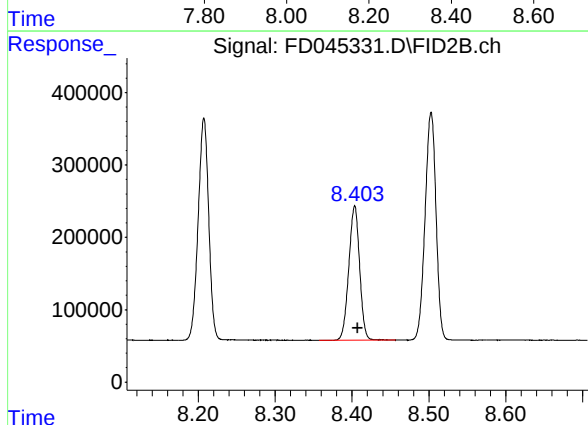
R.T.: 7.547 min
Delta R.T.: -0.004 min
Response: 2758046
Conc: 20.32 ug/ml



#5 Acenaphthylene (C15.06)

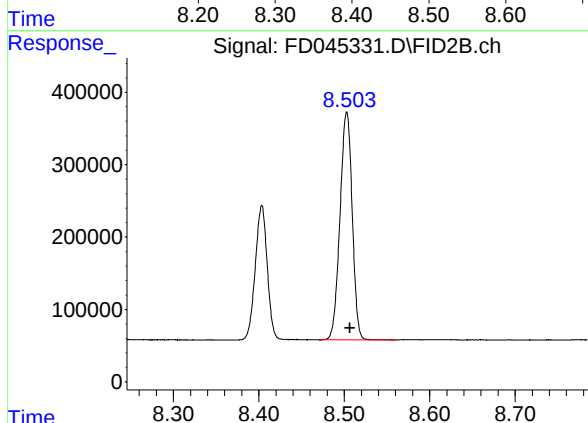
R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 2937849
Conc: 20.49 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



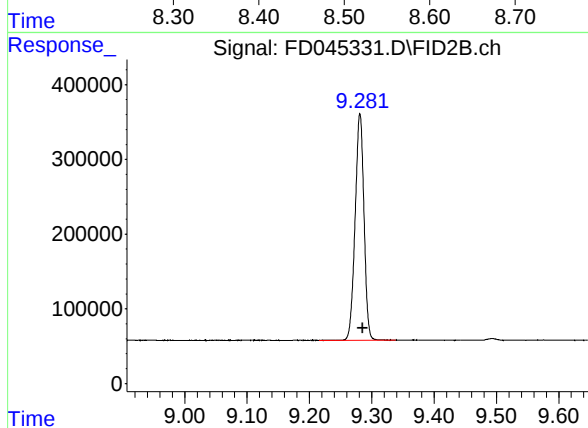
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 1814201
Conc: 20.26 ug/ml



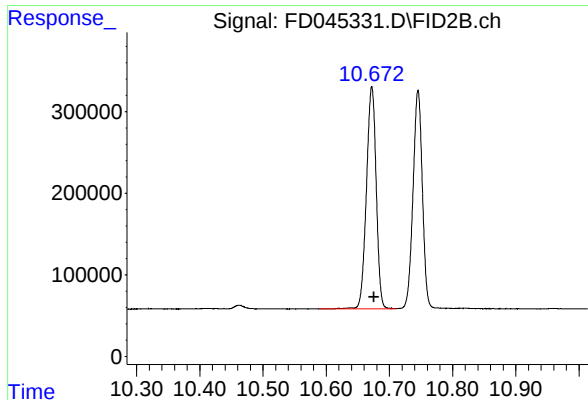
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: -0.004 min
Response: 3119127
Conc: 20.58 ug/ml



#8 Fluorene (C16.55)

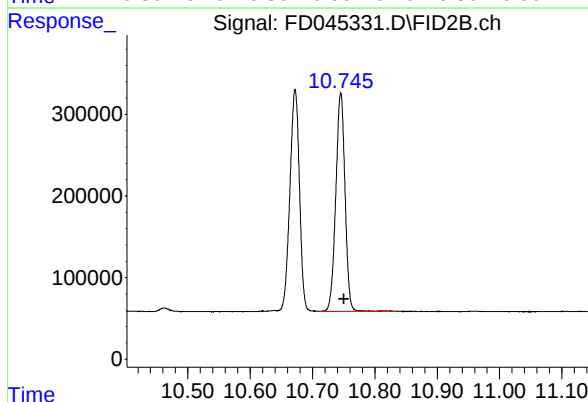
R.T.: 9.281 min
Delta R.T.: -0.004 min
Response: 3001599
Conc: 20.39 ug/ml



#9 Phenanthrene (C19.36)

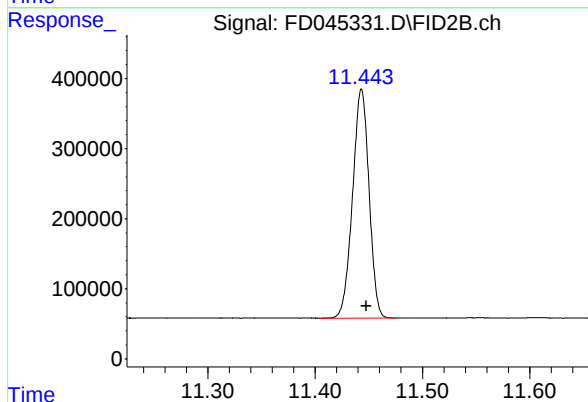
R.T.: 10.672 min
Delta R.T.: -0.004 min
Response: 2923402
Conc: 20.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



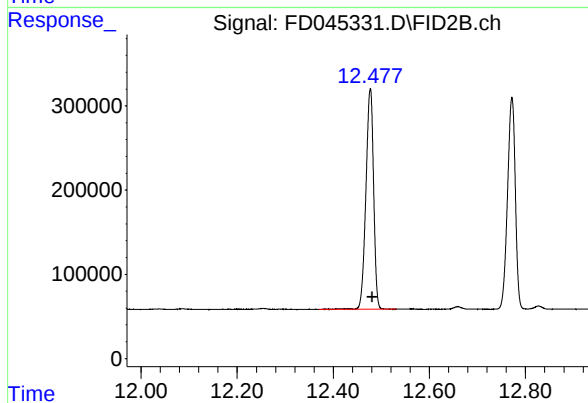
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: -0.005 min
Response: 2760898
Conc: 19.70 ug/ml



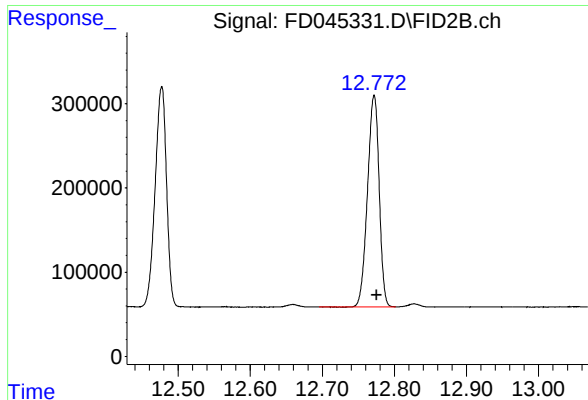
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.005 min
Response: 3482202
Conc: 20.92 ug/ml



#12 Fluoranthene (C21.85)

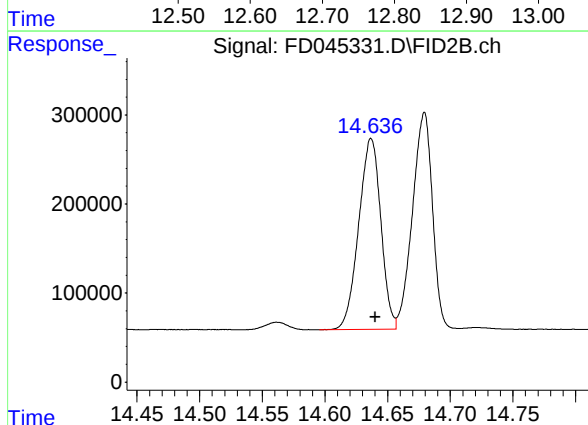
R.T.: 12.477 min
Delta R.T.: -0.004 min
Response: 2908475
Conc: 20.82 ug/ml



#13 Pyrene (C20.8)

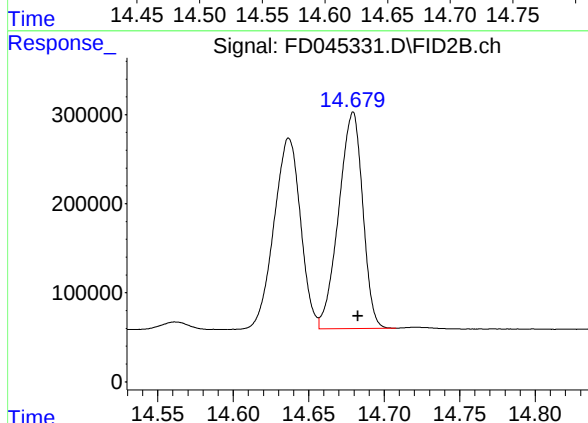
R.T.: 12.772 min
Delta R.T.: -0.004 min
Response: 2833028
Conc: 20.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



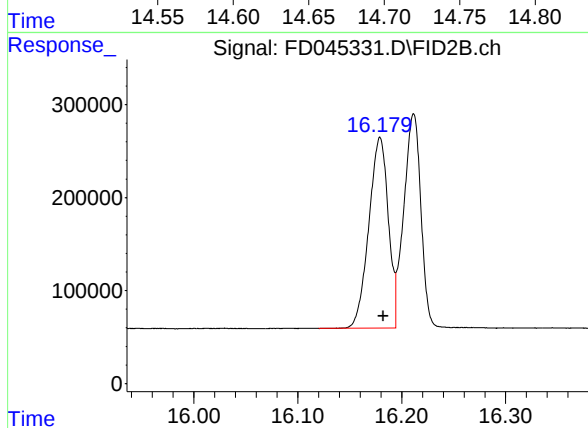
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 2628570
Conc: 20.62 ug/ml



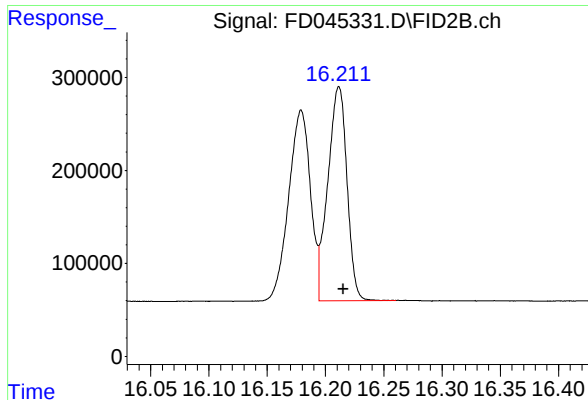
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.004 min
Response: 2690759
Conc: 20.65 ug/ml



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

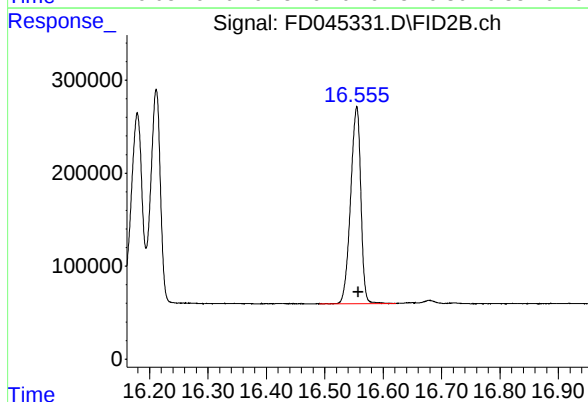
R.T.: 16.179 min
Delta R.T.: -0.004 min
Response: 2669814
Conc: 20.71 ug/ml



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

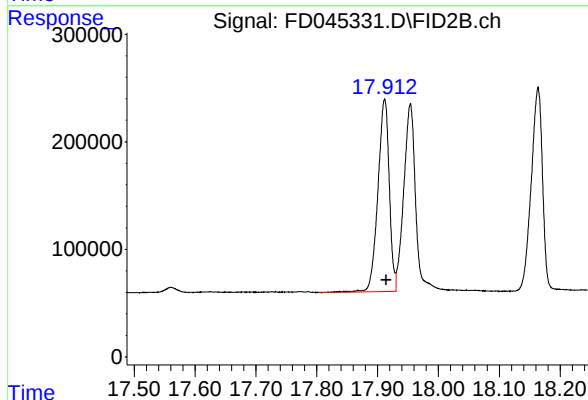
R.T.: 16.211 min
Delta R.T.: -0.004 min
Response: 2636275
Conc: 20.88 ug/ml

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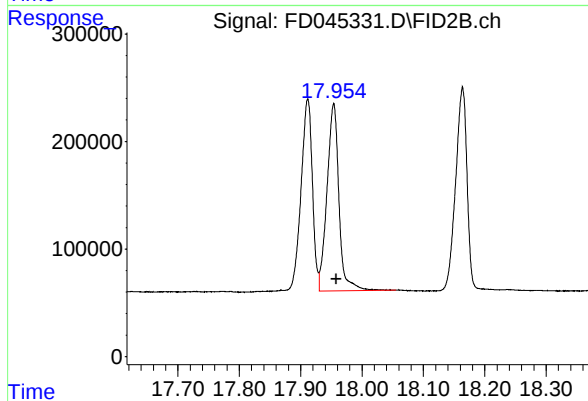
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.003 min
Response: 2576031
Conc: 20.47 ug/ml



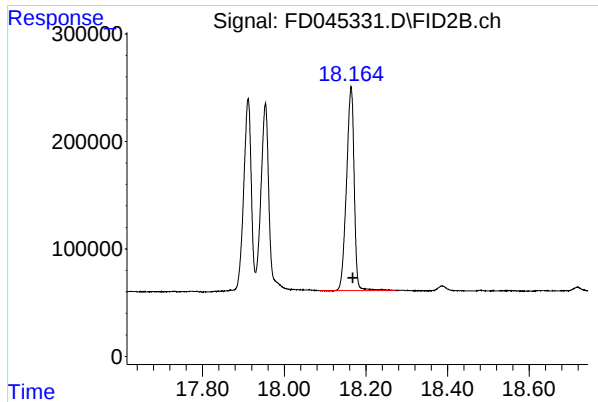
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: -0.003 min
Response: 2324249
Conc: 19.43 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.005 min
Response: 2366200
Conc: 19.62 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.005 min
Response: 2474833
Conc: 19.89 ug/ml

Instrument :

FID_D

ClientSampleId :

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