

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045245.D
 Signal(s) : FID2B.ch
 Acq On : 09 Mar 2023 13:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 10 00:43:41 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...	7.550	2802786	20.653 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
6) S 2-Fluorobiphenyl (SURR)	8.406	1846789	20.627 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.25%
11) S ortho-Terphenyl (SURR)	11.446	3500034	21.027 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3181705	21.008 ug/ml
2) T Naphthalene (C11.7)	5.888	3288117	20.814 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	3264875	20.544 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2957617	20.627 ug/ml
7) T Acenaphthene (C15.5)	8.505	3153885	20.808 ug/ml
8) T Fluorene (C16.55)	9.283	3006760	20.422 ug/ml
9) T Phenanthrene (C19.36)	10.675	2934152	20.551 ug/ml
10) T Anthracene (C19.43)	10.749	2575372	18.379 ug/ml
12) T Fluoranthene (C21.85)	12.480	2918430	20.892 ug/ml
13) T Pyrene (C20.8)	12.775	2852123	20.944 ug/ml
14) T Benzo[a]anthracene (C...	14.639	2550957	20.012 ug/ml
15) T Chrysene (C27.41)	14.682	2648738	20.324 ug/ml
16) T benzo[b]fluoranthene ...	16.182	2702226	20.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	2636632	20.887 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	2566784	20.394 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	2259165	18.885 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	2204609	18.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	2424191	19.483 ug/ml

(f)=RT Delta > 1/2 Window

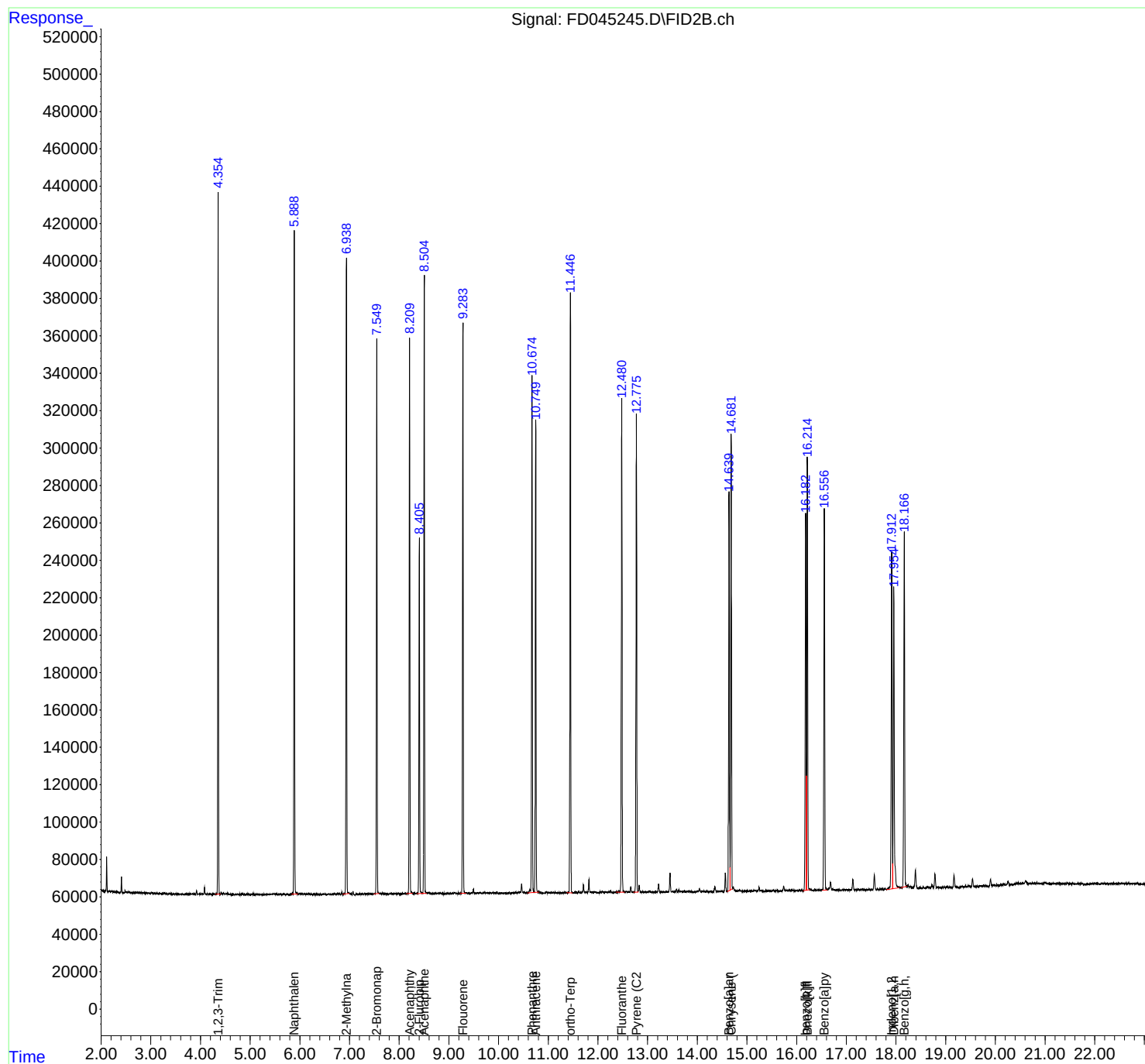
(m)=manual int.

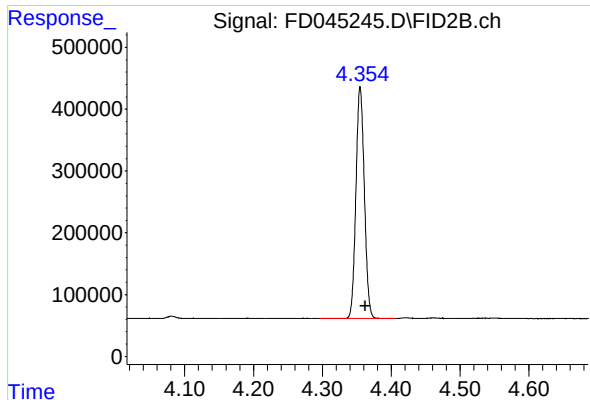
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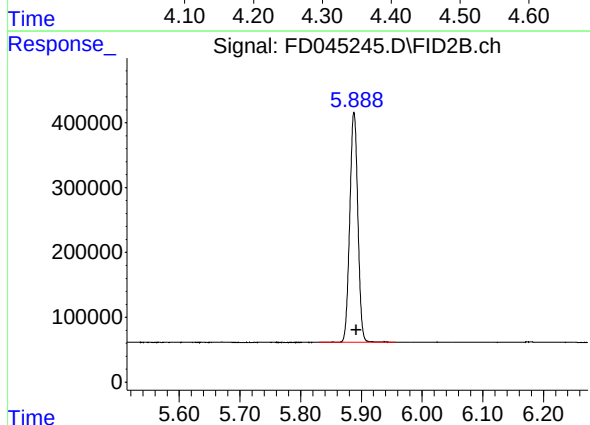




#1 1,2,3-Trimethylbenzene (C10.1)

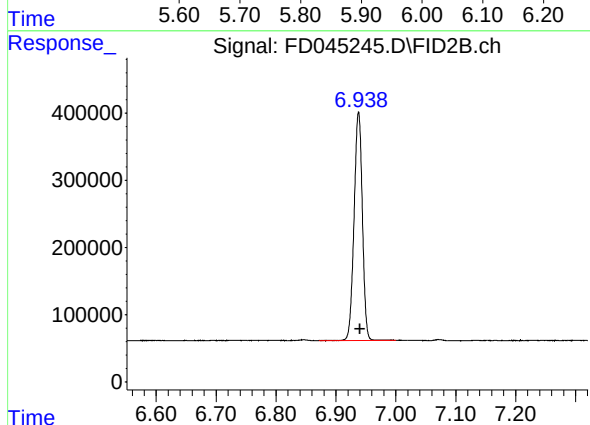
R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 3181705
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



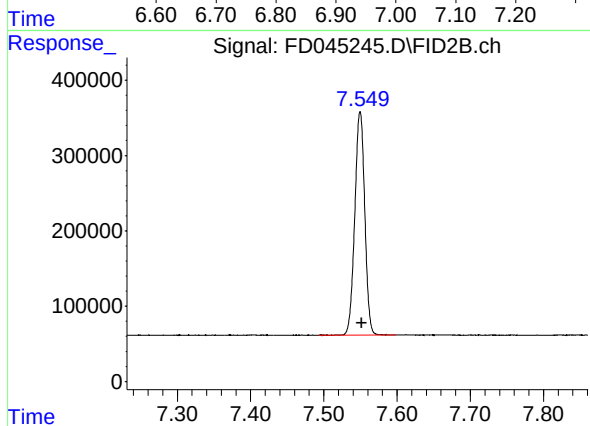
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 3288117
Conc: 20.81 ug/ml



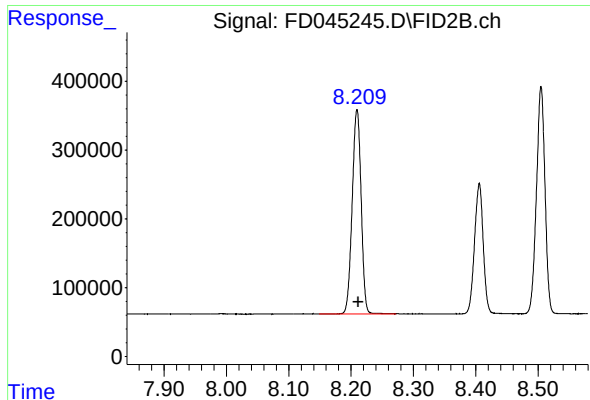
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 3264875
Conc: 20.54 ug/ml



#4 2-Bromonaphthalene (SURR)

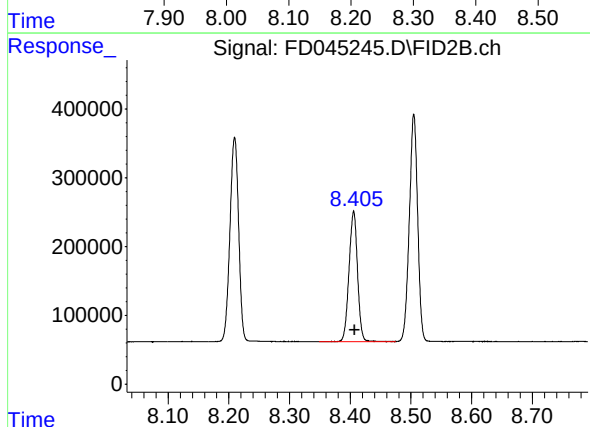
R.T.: 7.550 min
Delta R.T.: -0.002 min
Response: 2802786
Conc: 20.65 ug/ml



#5 Acenaphthylene (C15.06)

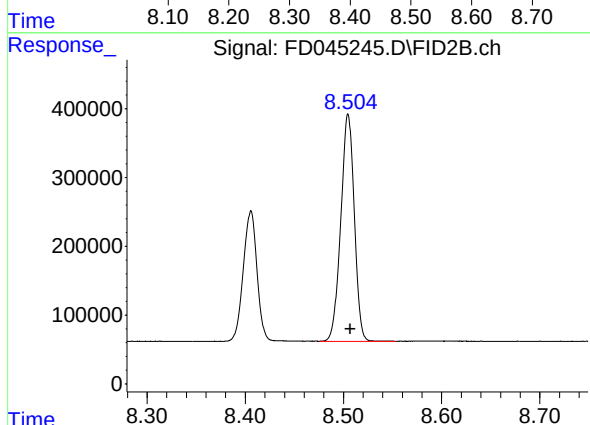
R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 2957617
Conc: 20.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



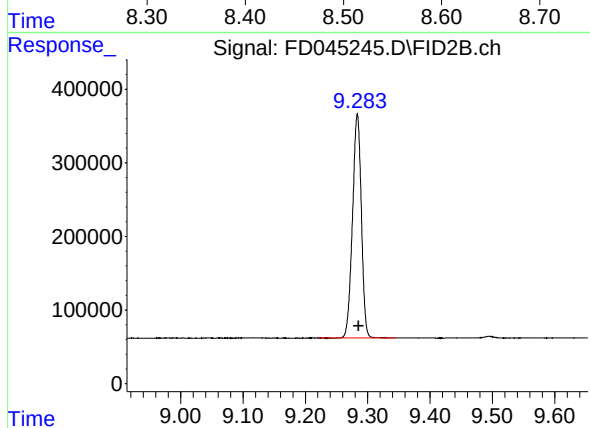
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 1846789
Conc: 20.63 ug/ml



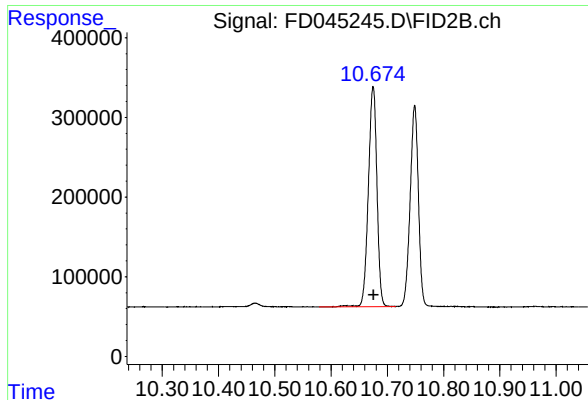
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 3153885
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

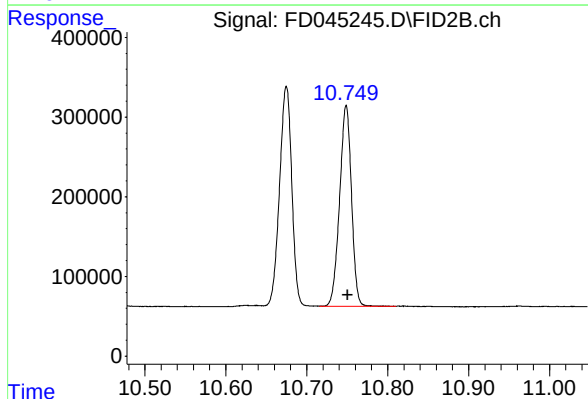
R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 3006760
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

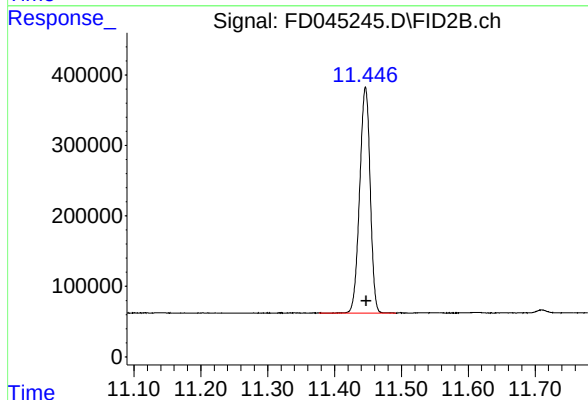
R.T.: 10.675 min
Delta R.T.: -0.001 min
Response: 2934152
Conc: 20.55 ug/ml

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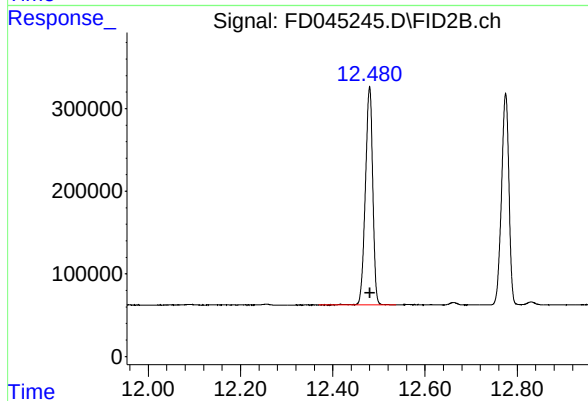
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.002 min
Response: 2575372
Conc: 18.38 ug/ml



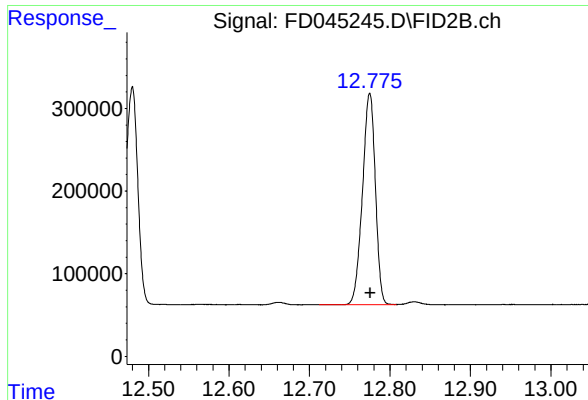
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 3500034
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

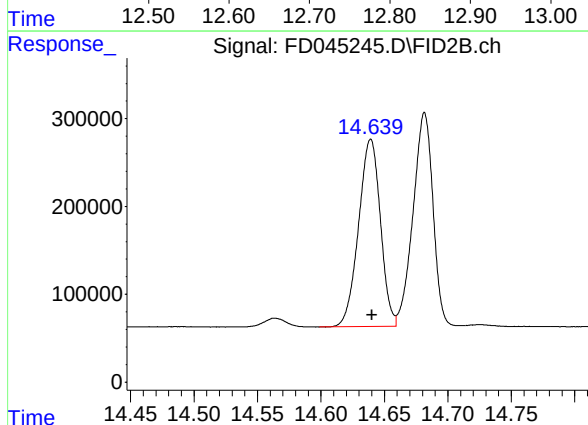
R.T.: 12.480 min
Delta R.T.: -0.001 min
Response: 2918430
Conc: 20.89 ug/ml



#13 Pyrene (C20.8)

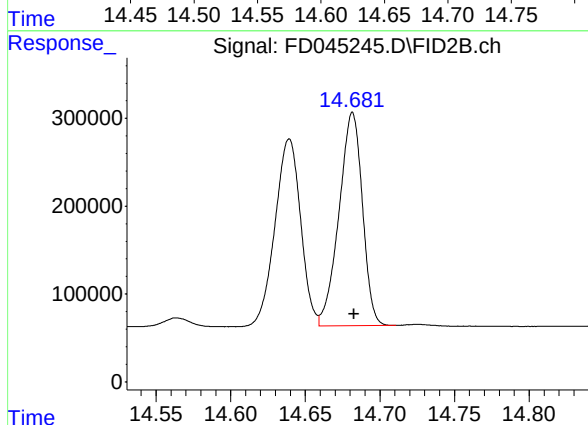
R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 2852123
Conc: 20.94 ug/ml

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20 PPM AROMATIC HC STD



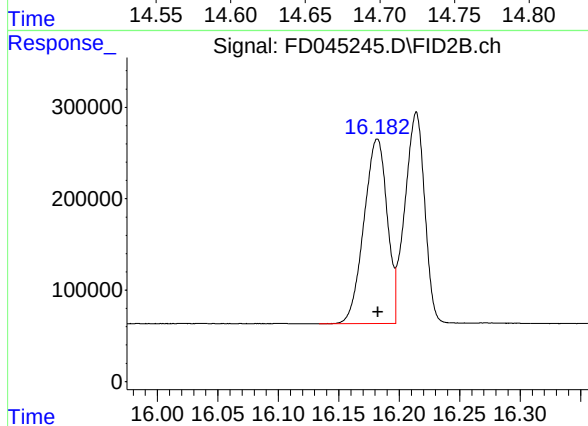
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.000 min
Response: 2550957
Conc: 20.01 ug/ml



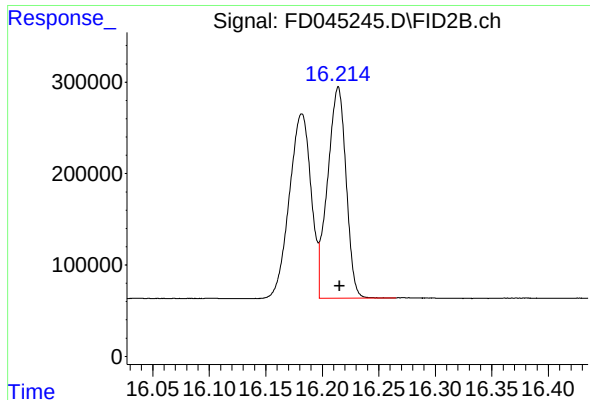
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: -0.001 min
Response: 2648738
Conc: 20.32 ug/ml



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

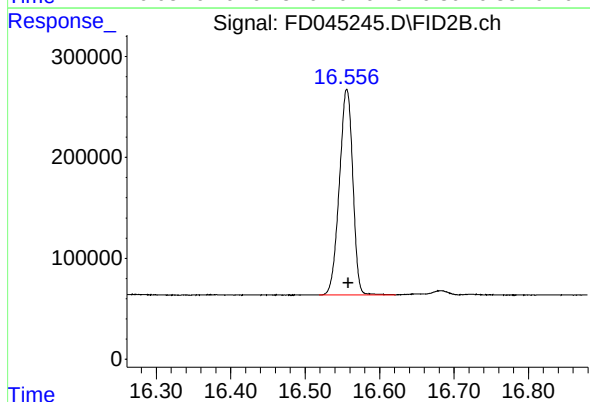
R.T.: 16.182 min
Delta R.T.: 0.000 min
Response: 2702226
Conc: 20.96 ug/ml



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

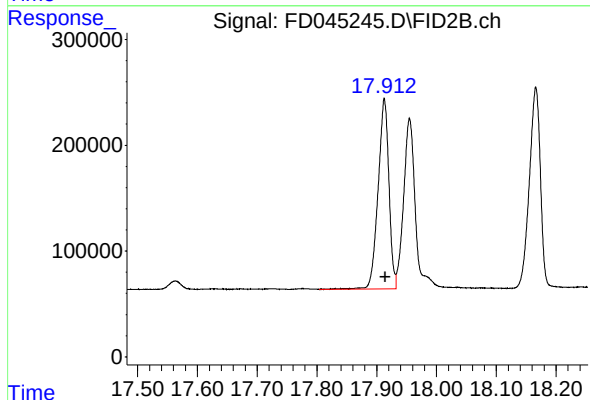
R.T.: 16.214 min
Delta R.T.: -0.001 min
Response: 2636632
Conc: 20.89 ug/ml

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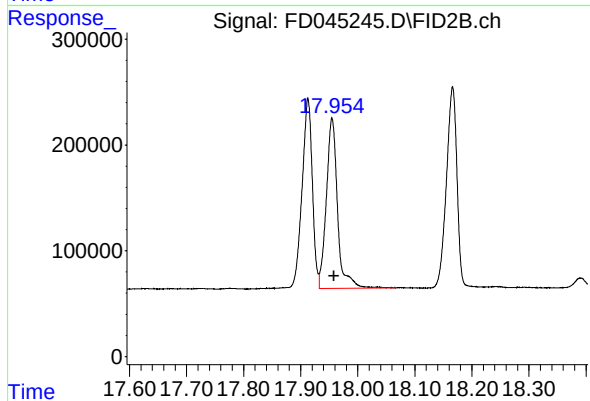
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.002 min
Response: 2566784
Conc: 20.39 ug/ml



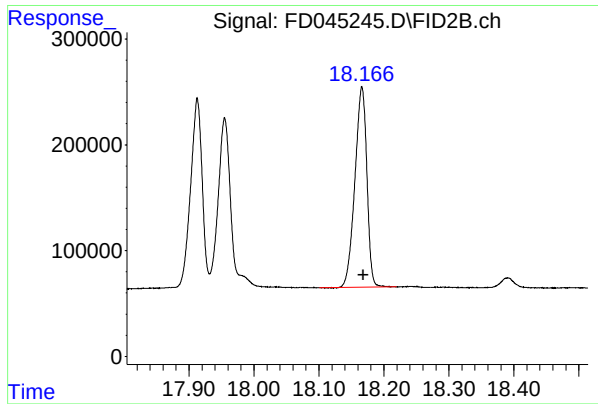
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: -0.002 min
Response: 2259165
Conc: 18.88 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.003 min
Response: 2204609
Conc: 18.28 ug/ml



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

R.T.: 18.166 min

Delta R.T.: -0.002 min

Response: 2424191

Conc: 19.48 ug/ml

Instrument :

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ClientSampleId :

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