

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044145.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 10:55
 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 18 03:32:02 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...	7.415	2682175	21.603 ug/ml
Spiked Amount 50.000		Recovery =	43.21%
6) S 2-Fluorobiphenyl (SURR)	8.270	1665371	22.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.23%
11) S ortho-Terphenyl (SURR)	11.300	3592641	21.226 ug/ml
Spiked Amount 50.000		Recovery =	42.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	3009959	21.325 ug/ml
2) T Naphthalene (C11.7)	5.756	2994726	21.844 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	3025902	21.345 ug/ml
5) T Acenaphthylene (C15.06)	8.071	2995698	21.355 ug/ml
7) T Acenaphthene (C15.5)	8.362	3305865	21.259 ug/ml
8) T Flouorene (C16.55)	9.143	3059864	21.750 ug/ml
9) T Phenanthrene (C19.36)	10.535	2920707	21.688 ug/ml
10) T Anthracene (C19.43)	10.611	2877182	21.412 ug/ml
12) T Fluoranthene (C21.85)	12.341	2888022	21.625 ug/ml
13) T Pyrene (C20.8)	12.635	2707547	21.436 ug/ml
14) T Benzo[a]anthracene (C...	14.505	2324397	21.883 ug/ml
15) T Chrysene (C27.41)	14.546	2780448	21.210 ug/ml
16) T benzo[b]fluoranthene ...	16.052	2429511	21.648 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	2660657	20.912 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	2373707	20.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	2303354	21.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	2636236	21.309 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2521097	21.475 ug/ml

(f)=RT Delta > 1/2 Window

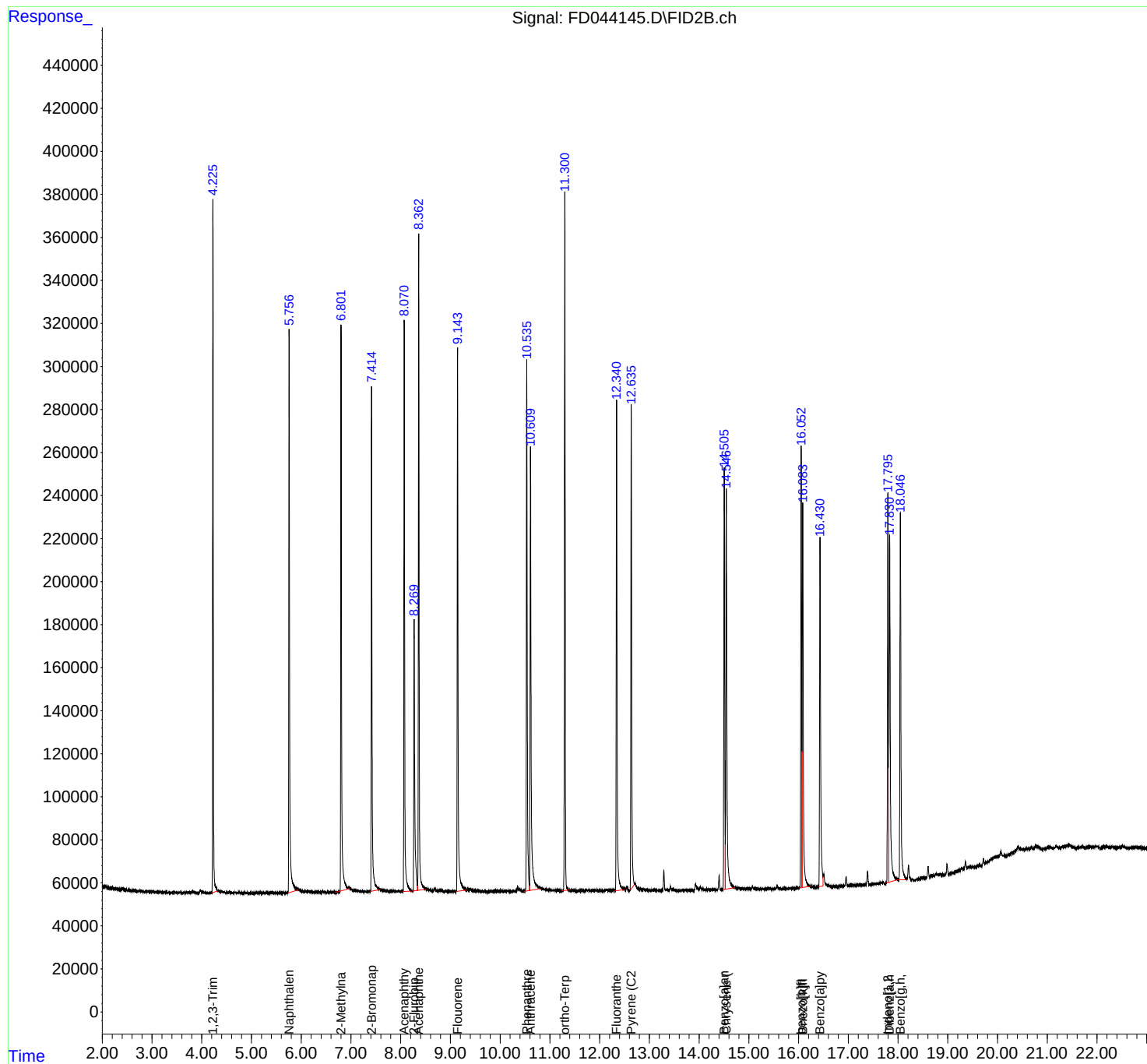
(m)=manual int.

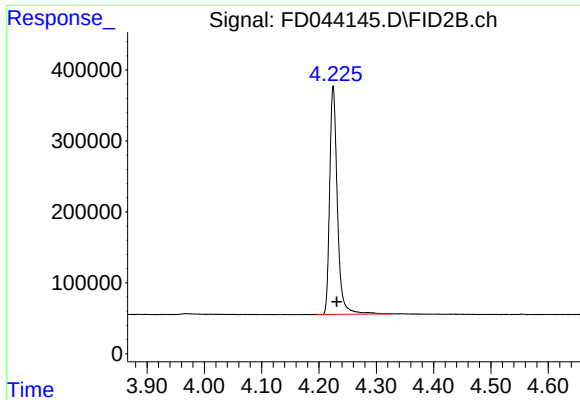
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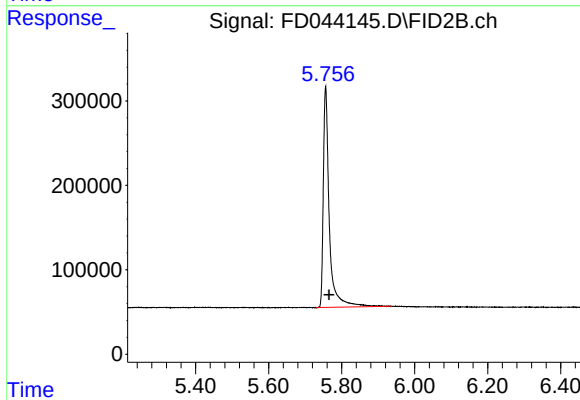




#1 1,2,3-Trimethylbenzene (C10.1)

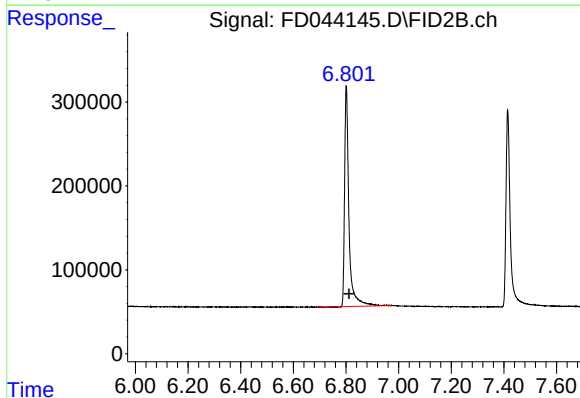
R.T.: 4.225 min
Delta R.T.: -0.006 min
Response: 3009959
Conc: 21.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



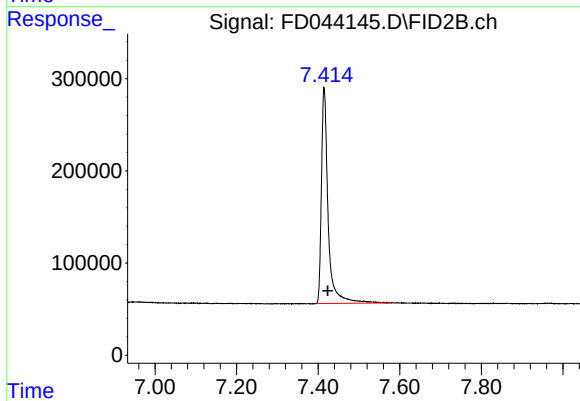
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.009 min
Response: 2994726
Conc: 21.84 ug/ml



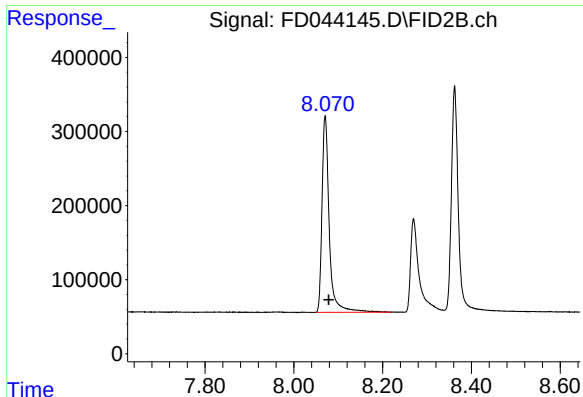
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.010 min
Response: 3025902
Conc: 21.35 ug/ml



#4 2-Bromonaphthalene (SURR)

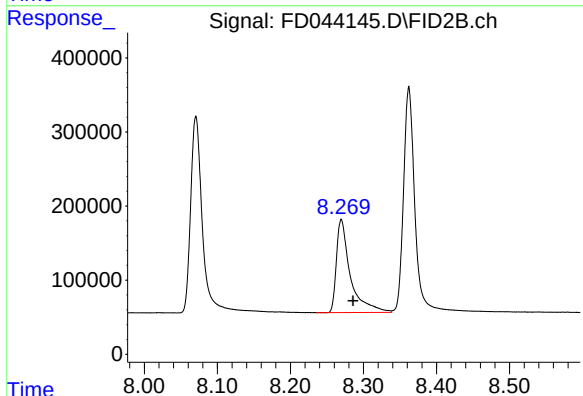
R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 2682175
Conc: 21.60 ug/ml



#5 Acenaphthylene (C15.06)

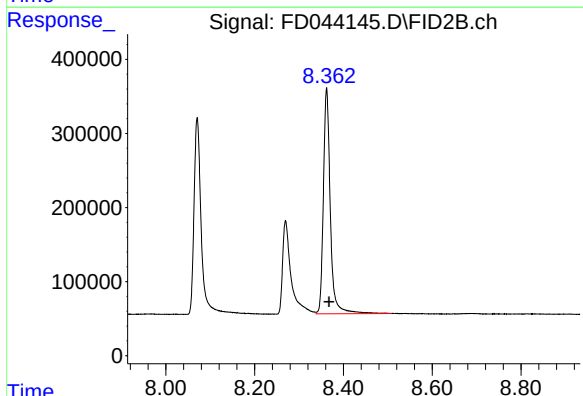
R.T.: 8.071 min
Delta R.T.: -0.008 min
Response: 2995698
Conc: 21.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



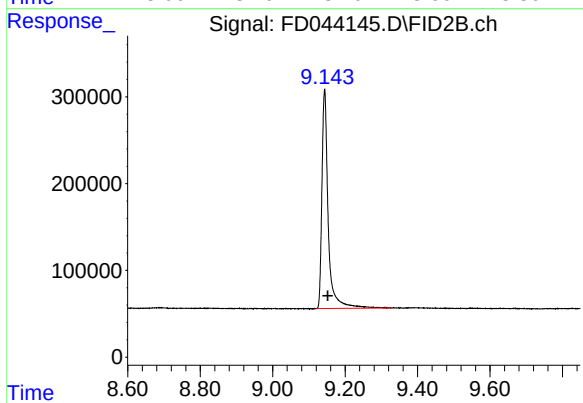
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 1665371
Conc: 22.12 ug/ml



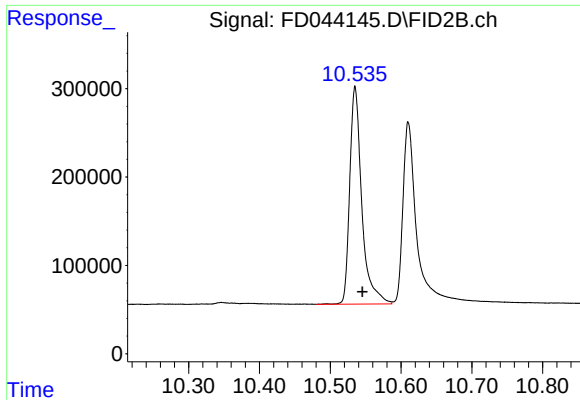
#7 Acenaphthene (C15.5)

R.T.: 8.362 min
Delta R.T.: -0.006 min
Response: 3305865
Conc: 21.26 ug/ml



#8 Fluorene (C16.55)

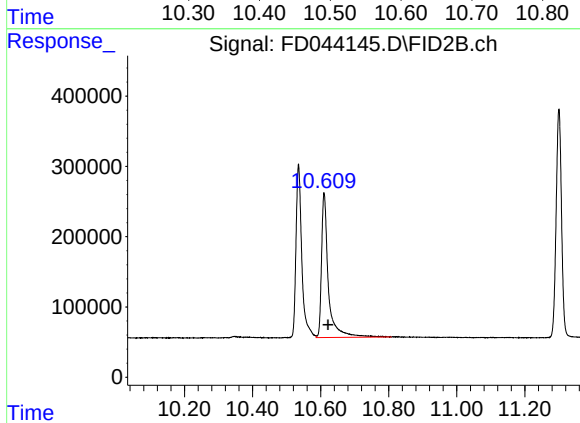
R.T.: 9.143 min
Delta R.T.: -0.008 min
Response: 3059864
Conc: 21.75 ug/ml



#9 Phenanthrene (C19.36)

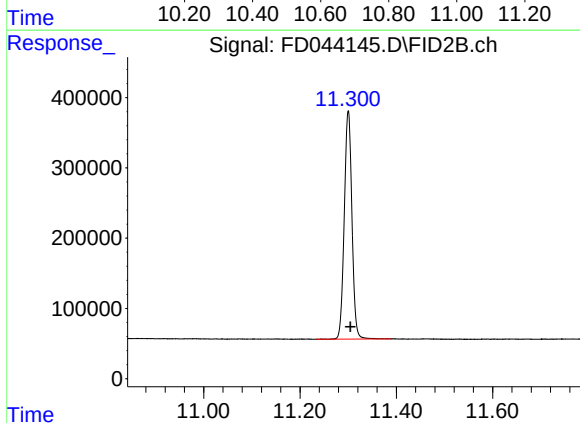
R.T.: 10.535 min
Delta R.T.: -0.010 min
Response: 2920707
Conc: 21.69 ug/ml

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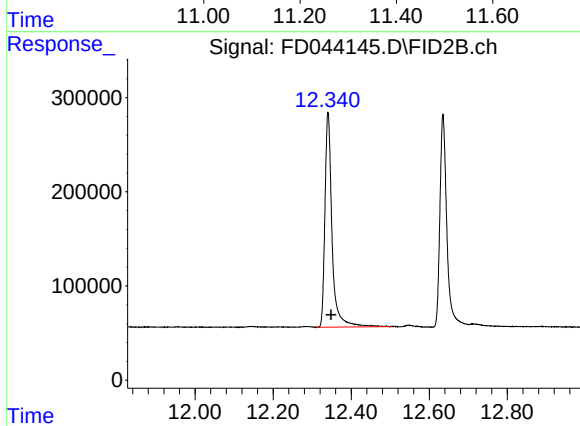
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: -0.011 min
Response: 2877182
Conc: 21.41 ug/ml



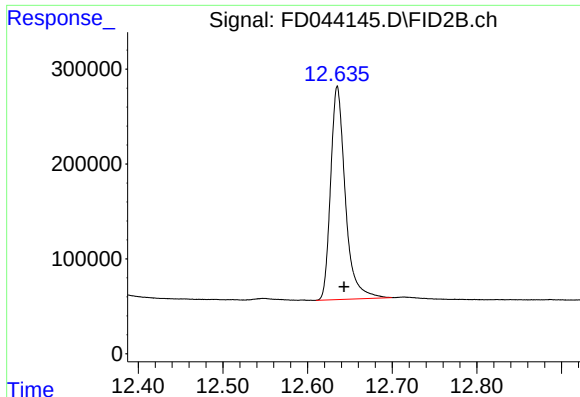
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.004 min
Response: 3592641
Conc: 21.23 ug/ml



#12 Fluoranthene (C21.85)

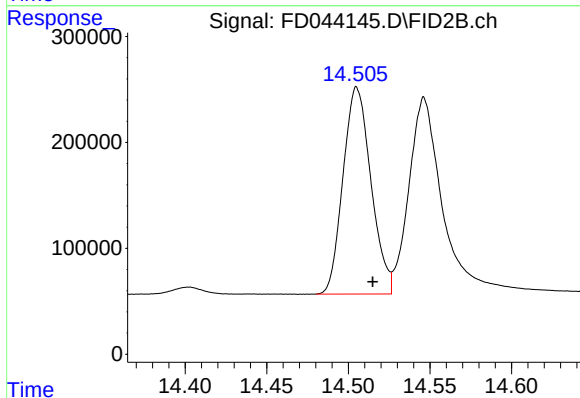
R.T.: 12.341 min
Delta R.T.: -0.008 min
Response: 2888022
Conc: 21.63 ug/ml



#13 Pyrene (C20.8)

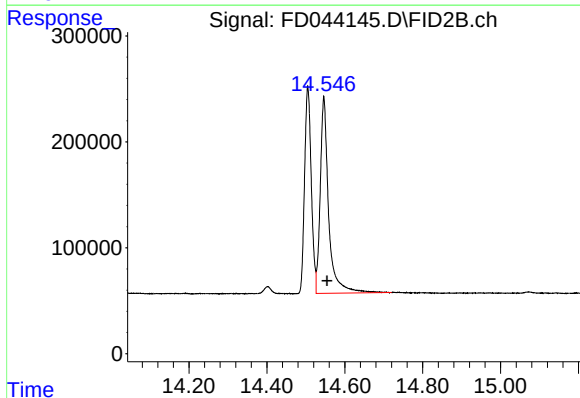
R.T.: 12.635 min
Delta R.T.: -0.008 min
Response: 2707547
Conc: 21.44 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



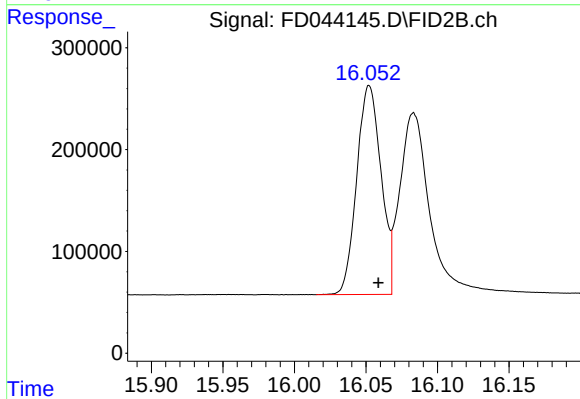
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: -0.010 min
Response: 2324397
Conc: 21.88 ug/ml



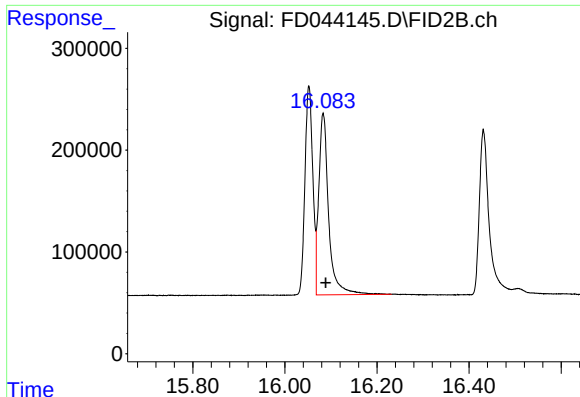
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: -0.008 min
Response: 2780448
Conc: 21.21 ug/ml



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

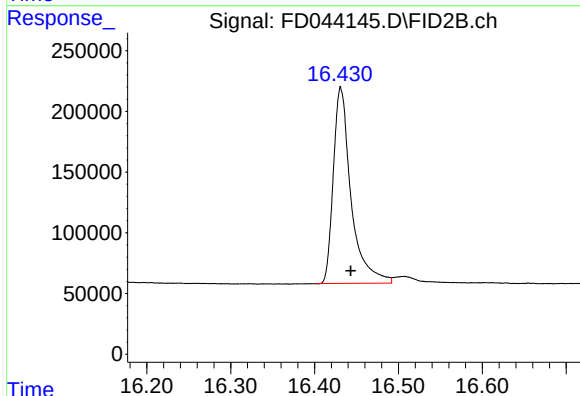
R.T.: 16.052 min
Delta R.T.: -0.006 min
Response: 2429511
Conc: 21.65 ug/ml



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

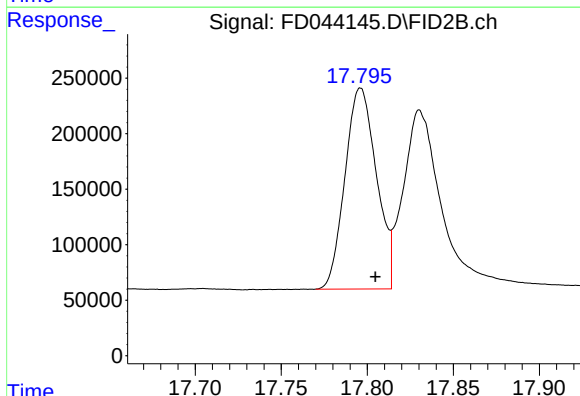
R.T.: 16.083 min
Delta R.T.: -0.006 min
Response: 2660657
Conc: 20.91 ug/ml

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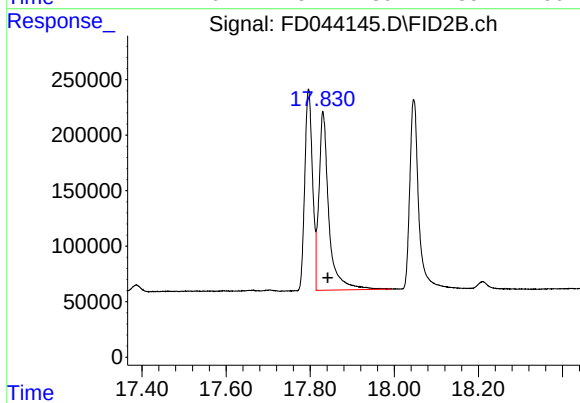
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: -0.012 min
Response: 2373707
Conc: 20.43 ug/ml



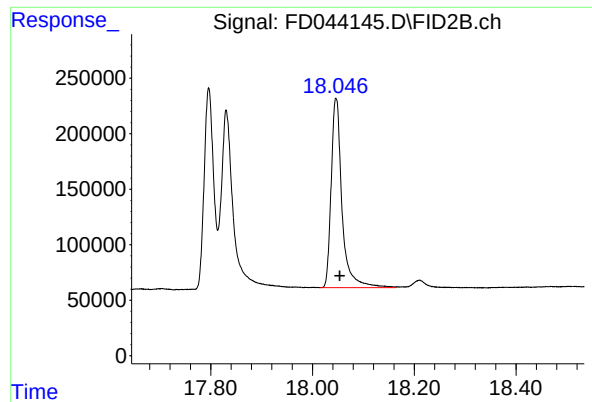
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.009 min
Response: 2303354
Conc: 21.61 ug/ml



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

R.T.: 17.831 min
Delta R.T.: -0.011 min
Response: 2636236
Conc: 21.31 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 2521097
Conc: 21.47 ug/ml

Instrument :

FID_D

ClientSampleId :

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