

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042023AR\
 Data File : FD045515.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 10:27
 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: Apr 21 11:00:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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	2684129	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
6) S 2-Fluorobiphenyl (SURR)	8.401	1716701	19.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.30%
11) S ortho-Terphenyl (SURR)	11.441	3379431	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3112488	19.980 ug/ml
2) T Naphthalene (C11.7)	5.886	3175412	19.759 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3126593	19.531 ug/ml
5) T Acenaphthylene (C15.06)	8.206	2809189	19.186 ug/ml
7) T Acenaphthene (C15.5)	8.501	3020729	19.475 ug/ml
8) T Flouorene (C16.55)	9.278	2850670	19.224 ug/ml
9) T Phenanthrene (C19.36)	10.669	2735658	18.885 ug/ml
10) T Anthracene (C19.43)	10.742	2319218	16.779 ug/ml
12) T Fluoranthene (C21.85)	12.472	2745814	19.085 ug/ml
13) T Pyrene (C20.8)	12.767	2668561	18.980 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2366863	18.456 ug/ml
15) T Chrysene (C27.41)	14.673	2470591	18.632 ug/ml
16) T benzo[b]fluoranthene ...	16.172	2462294	18.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	2505110	19.779 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	2348382	18.678 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	2066675	17.461 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2207312	18.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	2221252	17.783 ug/ml

(f)=RT Delta > 1/2 Window

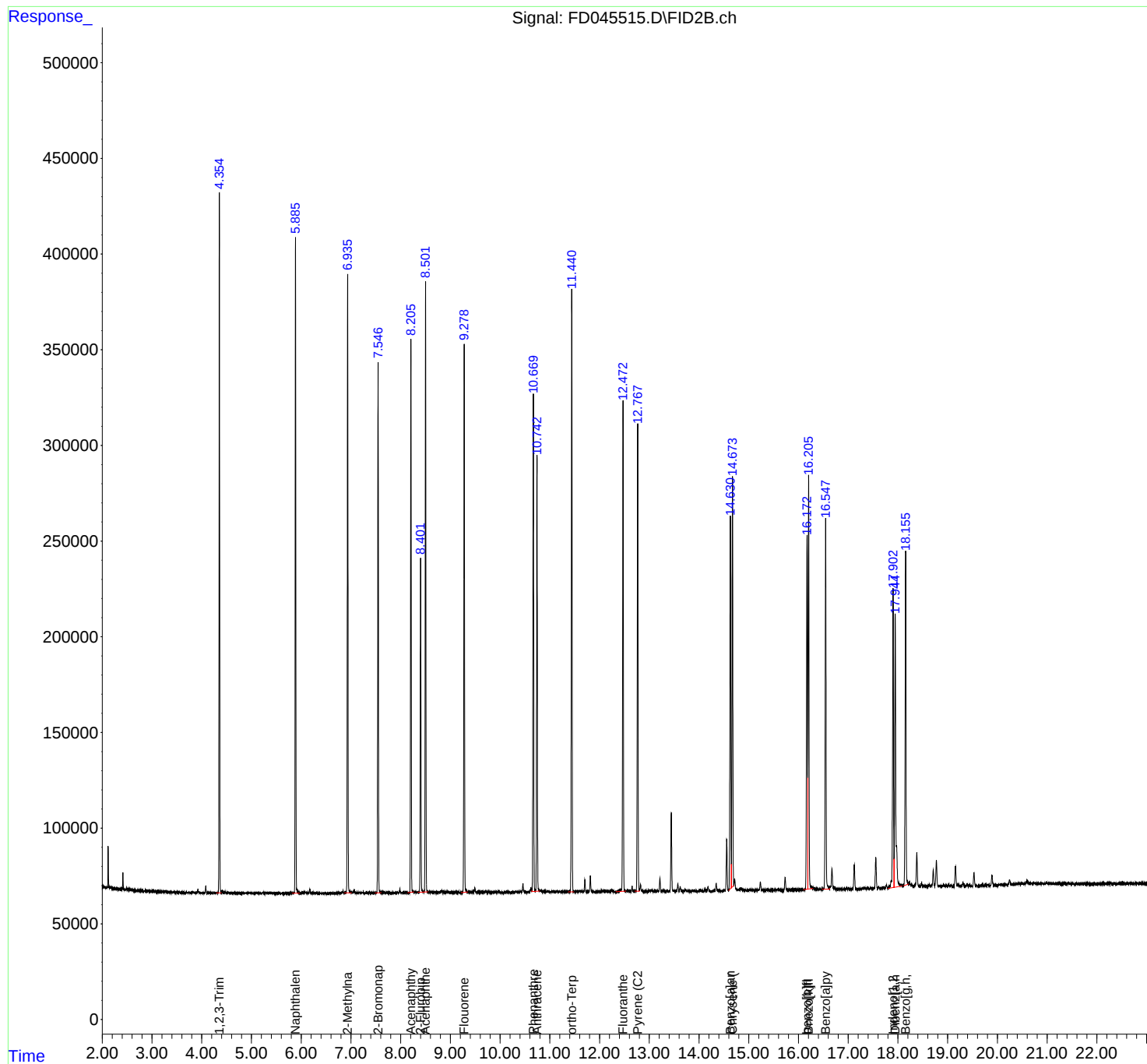
(m)=manual int.

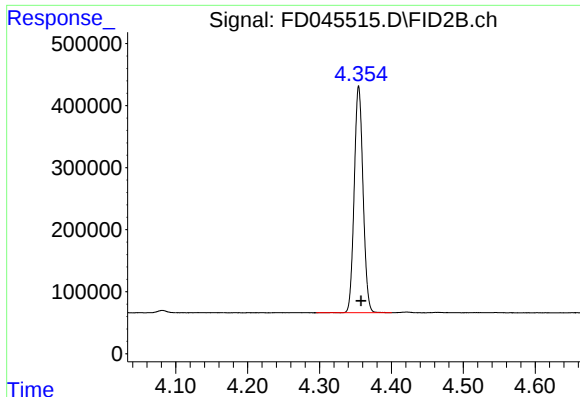
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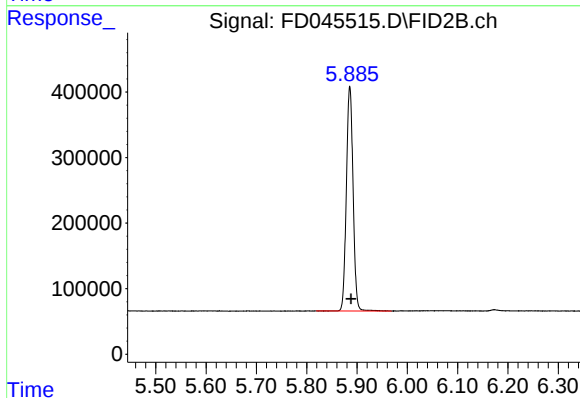




#1 1,2,3-Trimethylbenzene (C10.1)

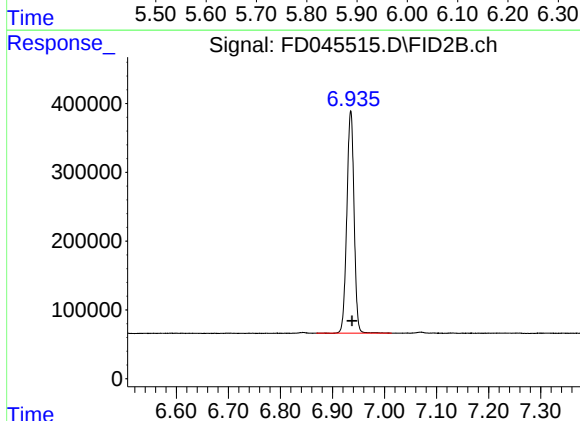
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 3112488
Conc: 19.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



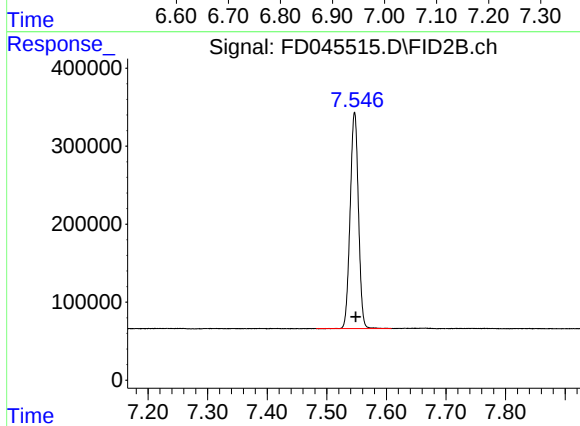
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 3175412
Conc: 19.76 ug/ml



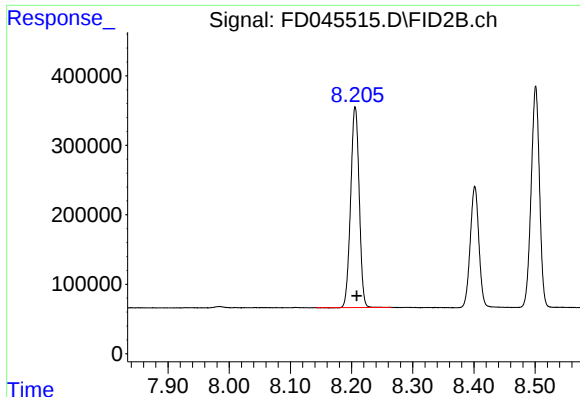
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 3126593
Conc: 19.53 ug/ml



#4 2-Bromonaphthalene (SURR)

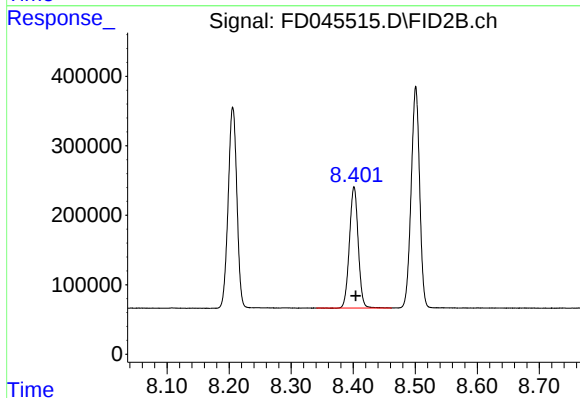
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 2684129
Conc: 19.59 ug/ml



#5 Acenaphthylene (C15.06)

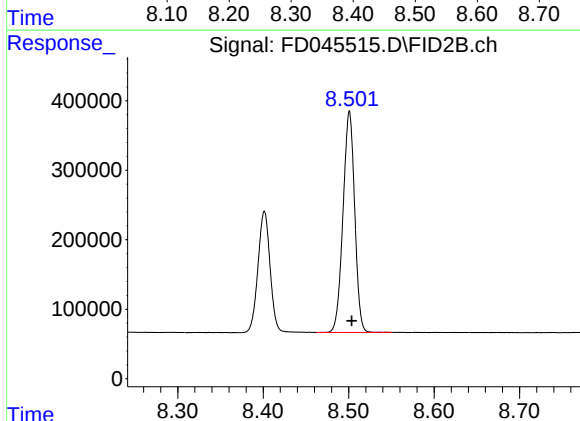
R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 2809189
Conc: 19.19 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



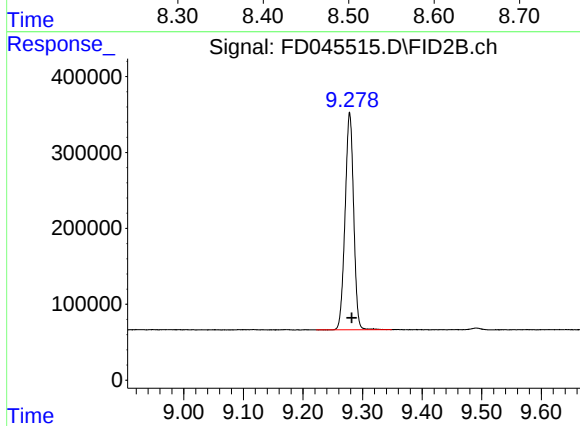
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 1716701
Conc: 19.15 ug/ml



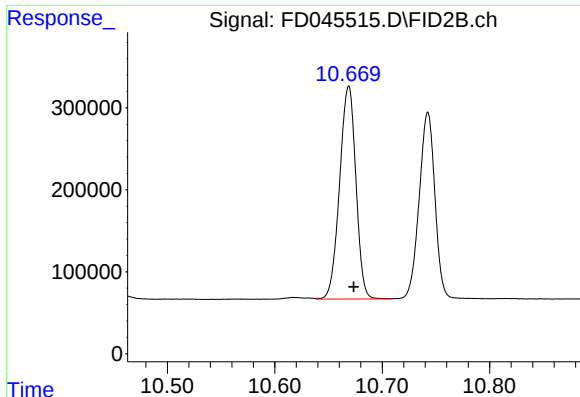
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.003 min
Response: 3020729
Conc: 19.48 ug/ml



#8 Fluorene (C16.55)

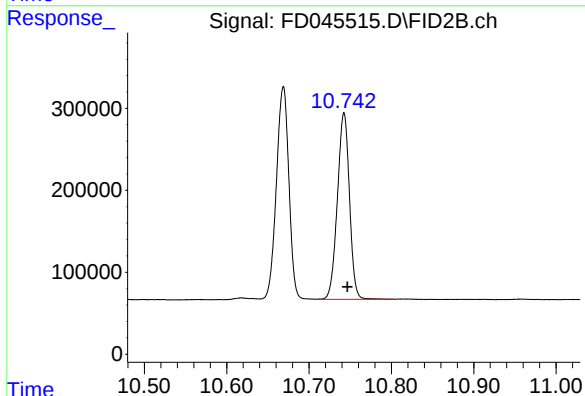
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 2850670
Conc: 19.22 ug/ml



#9 Phenanthrene (C19.36)

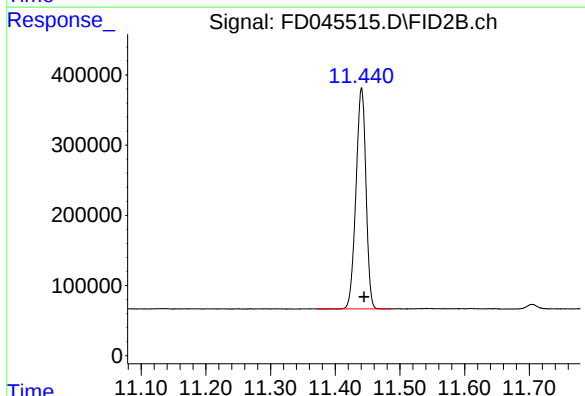
R.T.: 10.669 min
Delta R.T.: -0.005 min
Response: 2735658
Conc: 18.89 ug/ml

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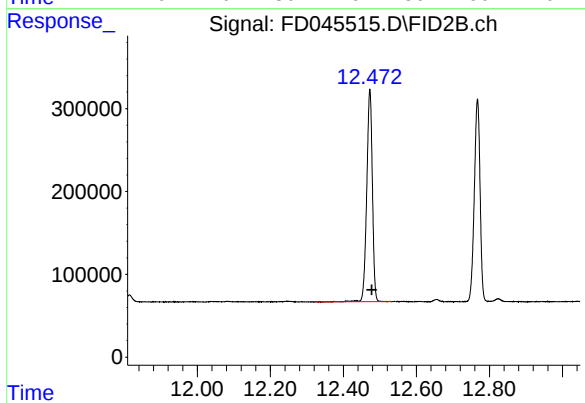
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.004 min
Response: 2319218
Conc: 16.78 ug/ml



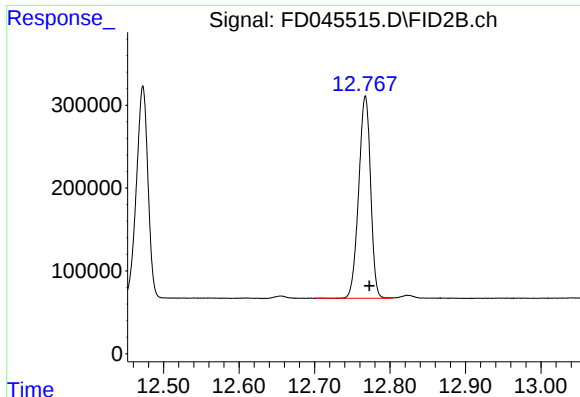
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: -0.004 min
Response: 3379431
Conc: 19.42 ug/ml



#12 Fluoranthene (C21.85)

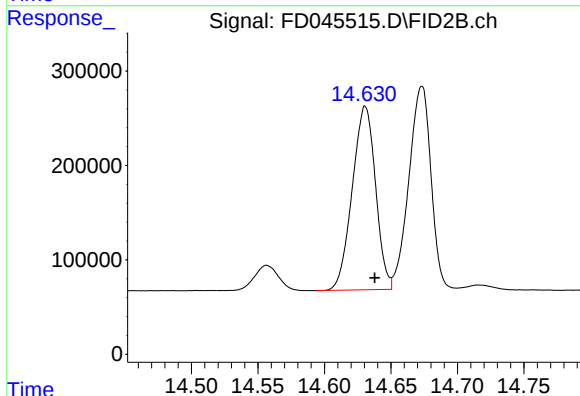
R.T.: 12.472 min
Delta R.T.: -0.006 min
Response: 2745814
Conc: 19.09 ug/ml



#13 Pyrene (C20.8)

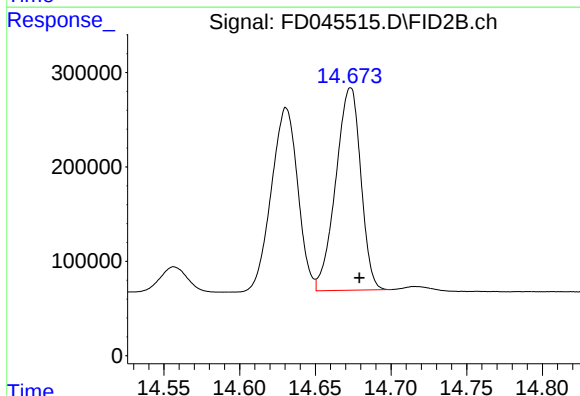
R.T.: 12.767 min
Delta R.T.: -0.006 min
Response: 2668561
Conc: 18.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



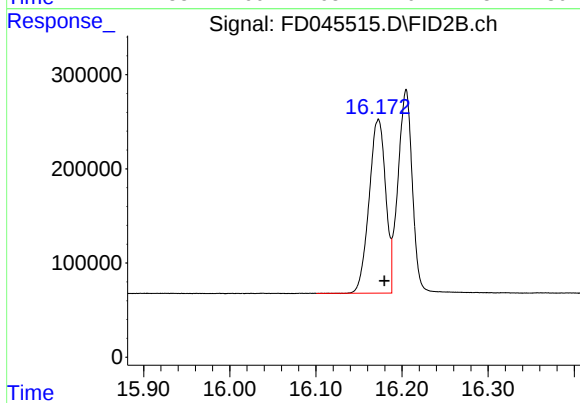
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: -0.007 min
Response: 2366863
Conc: 18.46 ug/ml



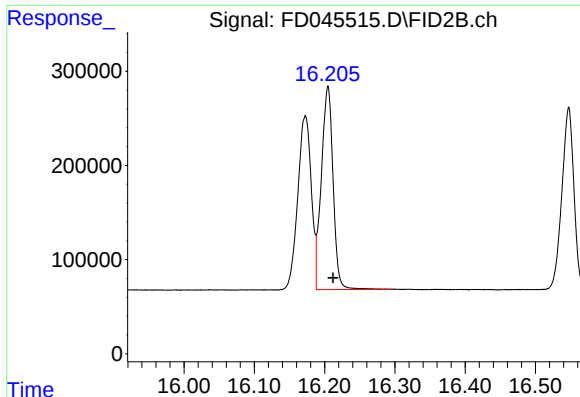
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: -0.006 min
Response: 2470591
Conc: 18.63 ug/ml



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

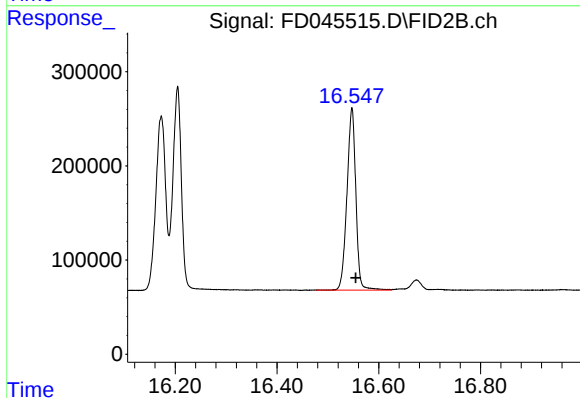
R.T.: 16.172 min
Delta R.T.: -0.007 min
Response: 2462294
Conc: 18.95 ug/ml



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

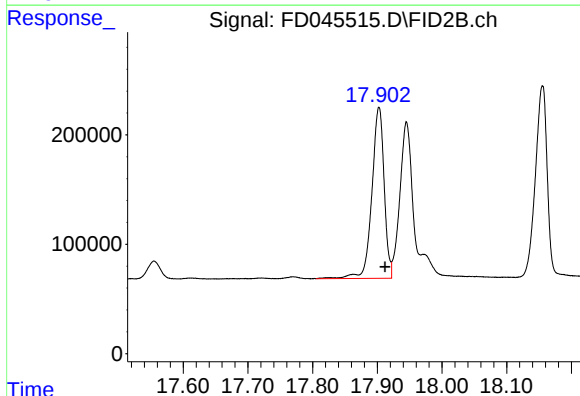
R.T.: 16.204 min
Delta R.T.: -0.007 min
Response: 2505110
Conc: 19.78 ug/ml

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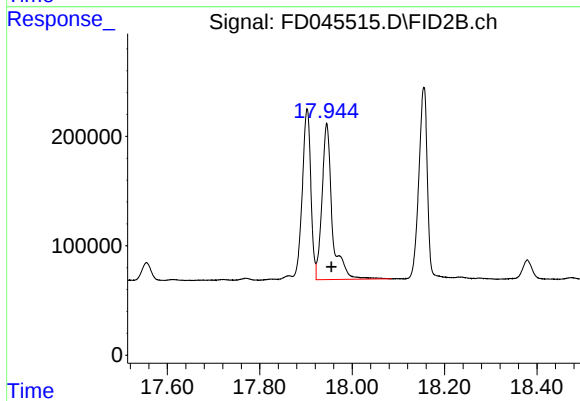
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: -0.008 min
Response: 2348382
Conc: 18.68 ug/ml



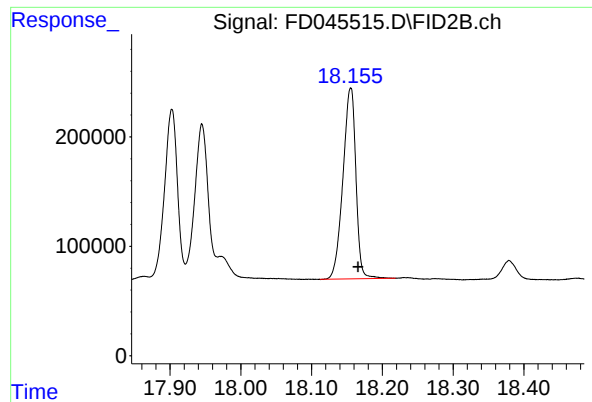
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.009 min
Response: 2066675
Conc: 17.46 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.010 min
Response: 2207312
Conc: 18.53 ug/ml



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

R.T.: 18.155 min
Delta R.T.: -0.011 min
Response: 2221252
Conc: 17.78 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD