

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081121AR\
 Data File : FD038521.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 6:25
 Operator : AJ\MA
 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: Aug 12 07:22:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.474	2521382	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
6) S 2-Fluorobiphenyl (SURR)	8.334	1674404	19.285 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.57%
11) S ortho-Terphenyl (SURR)	11.369	2625628	18.304 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	2911040	20.757 ug/ml
2) T Naphthalene (C11.7)	5.813	2978177	20.450 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	2889965	19.928 ug/ml
5) T Acenaphthylene (C15.06)	8.136	2753462	19.071 ug/ml
7) T Acenaphthene (C15.5)	8.430	2853204	19.061 ug/ml
8) T Flouorene (C16.55)	9.211	2673268	18.761 ug/ml
9) T Phenanthrene (C19.36)	10.605	2523469	17.878 ug/ml
10) T Anthracene (C19.43)	10.680	2305300	16.863 ug/ml
12) T Fluoranthene (C21.85)	12.416	2381643	16.956 ug/ml
13) T Pyrene (C20.8)	12.712	2350666	16.780 ug/ml
14) T Benzo[a]anthracene (C...	14.586	2175491	16.990 ug/ml
15) T Chrysene (C27.41)	14.628	2335949	16.913 ug/ml
16) T benzo[b]fluoranthene ...	16.140	2268851	18.144 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	2291892	17.385 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	2116242	17.707 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	2209927	20.058 ug/ml
20) T Dibenz[a,h]anthracene...	17.926	2362145	19.190 ug/ml
21) T Benzo[g,h,i]perylene ...	18.145	2274933	19.860 ug/ml

(f)=RT Delta > 1/2 Window

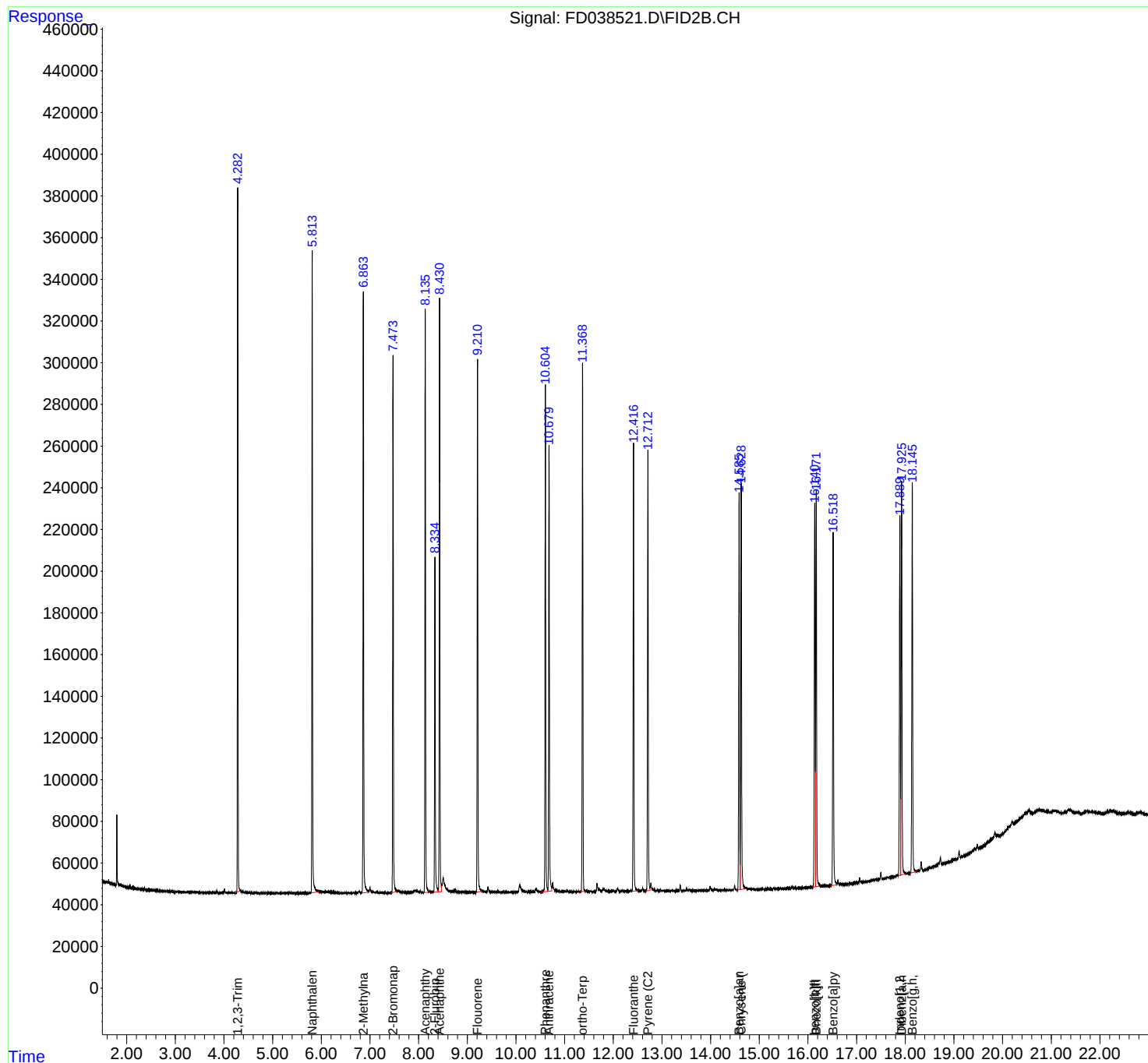
(m)=manual int.

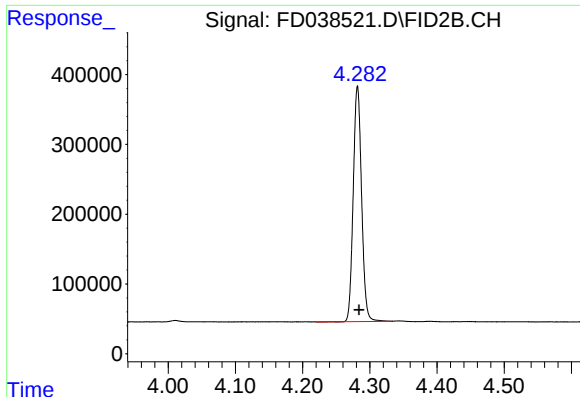
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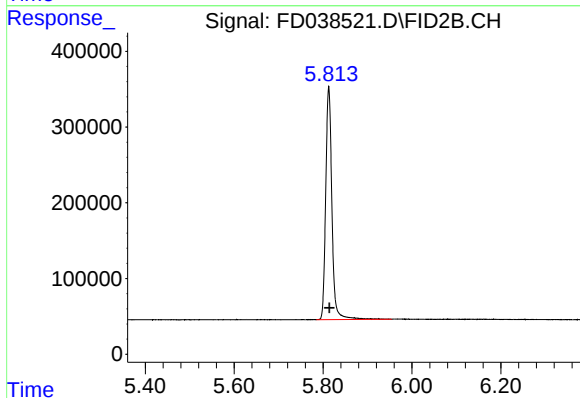




#1 1,2,3-Trimethylbenzene (C10.1)

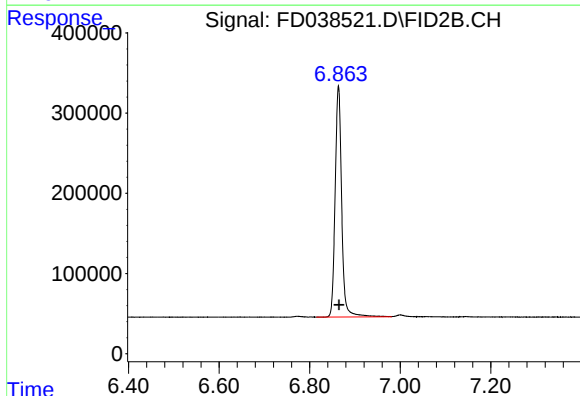
R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 2911040
Conc: 20.76 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



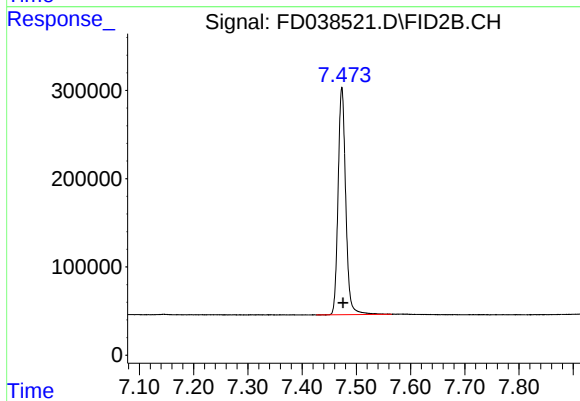
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 2978177
Conc: 20.45 ug/ml



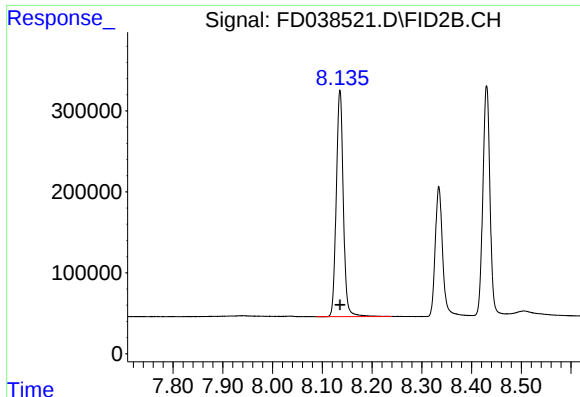
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 2889965
Conc: 19.93 ug/ml



#4 2-Bromonaphthalene (SURR)

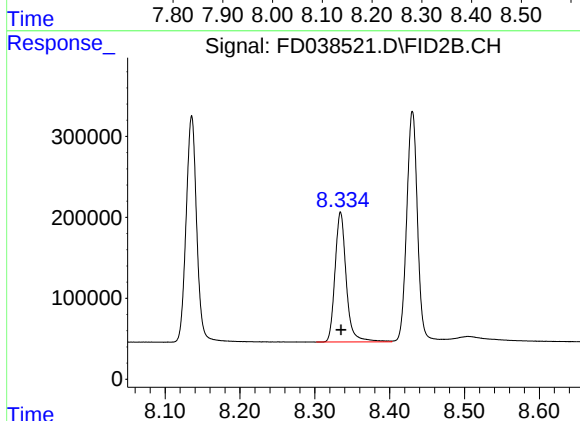
R.T.: 7.474 min
Delta R.T.: -0.002 min
Response: 2521382
Conc: 19.90 ug/ml



#5 Acenaphthylene (C15.06)

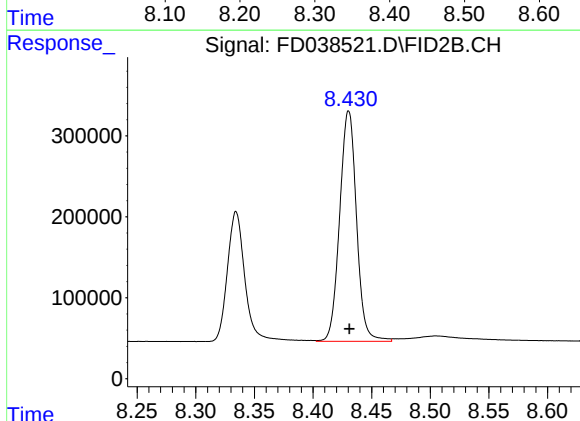
R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 2753462
Conc: 19.07 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



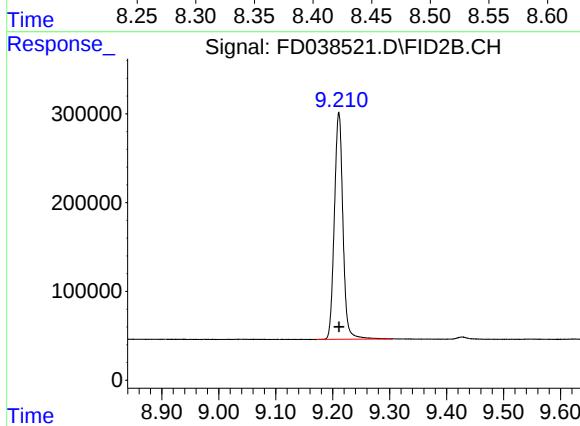
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 1674404
Conc: 19.28 ug/ml



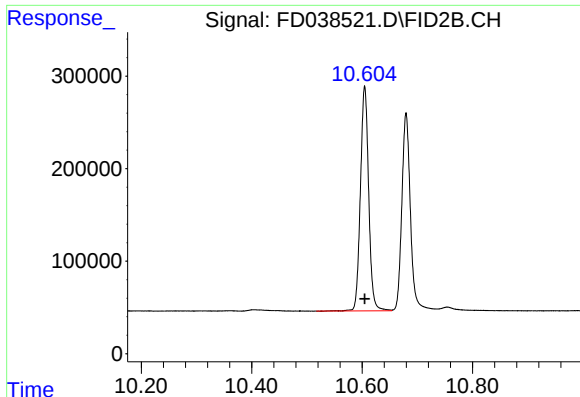
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 2853204
Conc: 19.06 ug/ml



#8 Flouorene (C16.55)

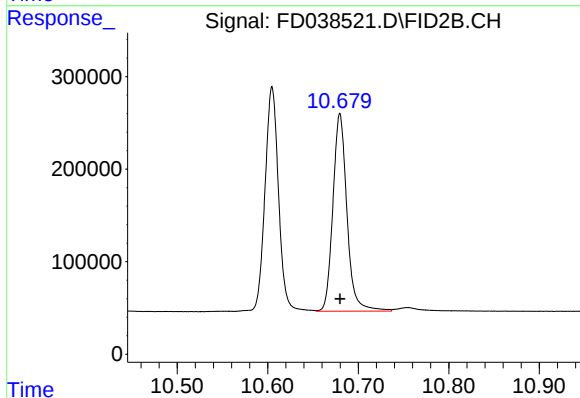
R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 2673268
Conc: 18.76 ug/ml



#9 Phenanthrene (C19.36)

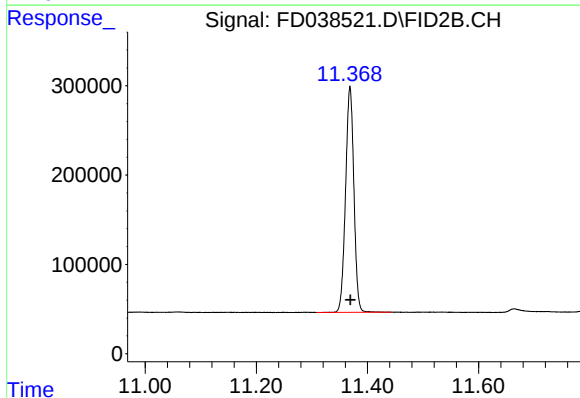
R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 2523469
Conc: 17.88 ug/ml

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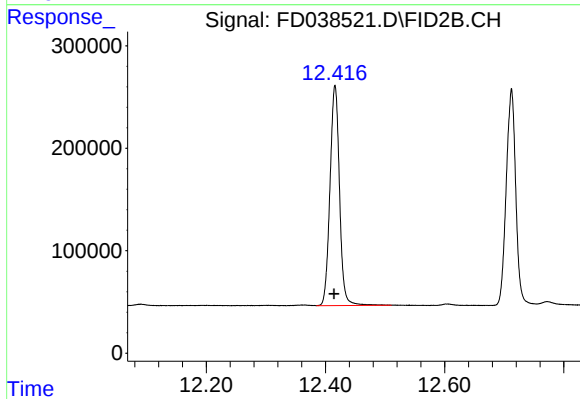
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 2305300
Conc: 16.86 ug/ml



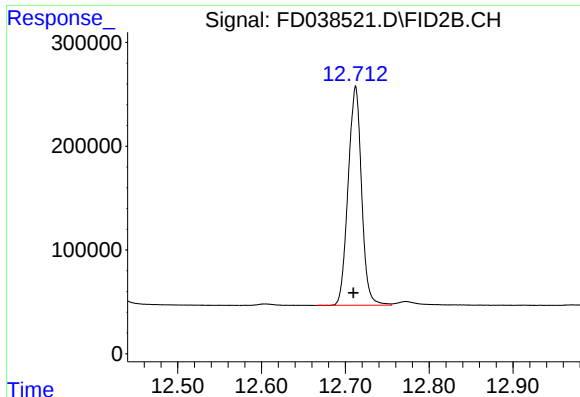
#11 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 2625628
Conc: 18.30 ug/ml



#12 Fluoranthene (C21.85)

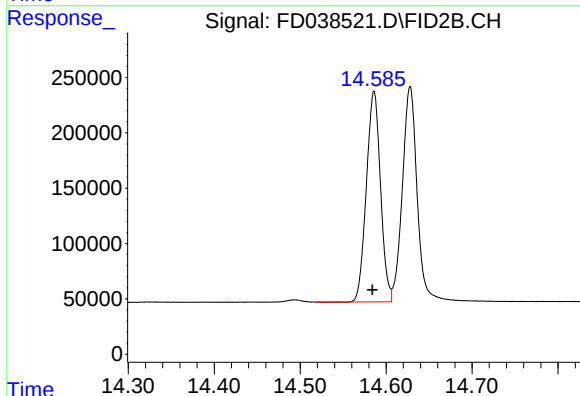
R.T.: 12.416 min
Delta R.T.: 0.001 min
Response: 2381643
Conc: 16.96 ug/ml



#13 Pyrene (C20.8)

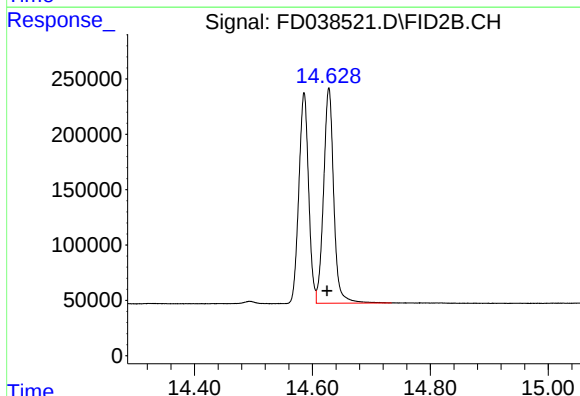
R.T.: 12.712 min
Delta R.T.: 0.002 min
Response: 2350666
Conc: 16.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



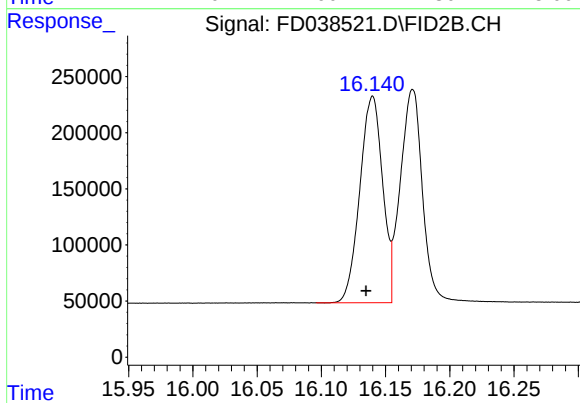
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: 0.002 min
Response: 2175491
Conc: 16.99 ug/ml



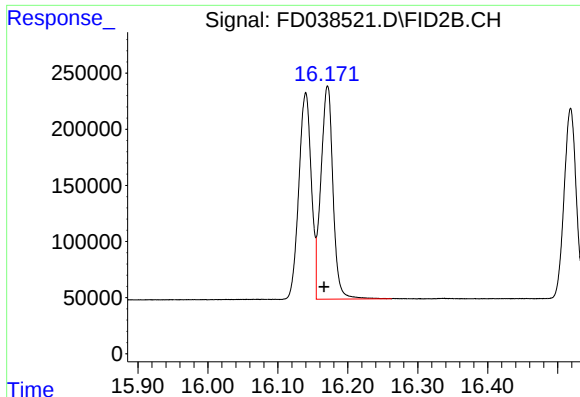
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.003 min
Response: 2335949
Conc: 16.91 ug/ml



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

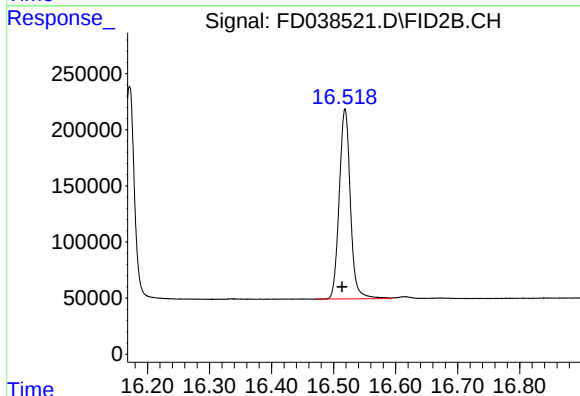
R.T.: 16.140 min
Delta R.T.: 0.005 min
Response: 2268851
Conc: 18.14 ug/ml



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

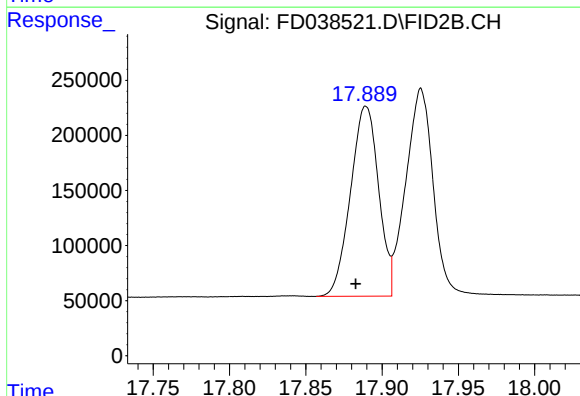
R.T.: 16.171 min
Delta R.T.: 0.005 min
Response: 2291892
Conc: 17.38 ug/ml

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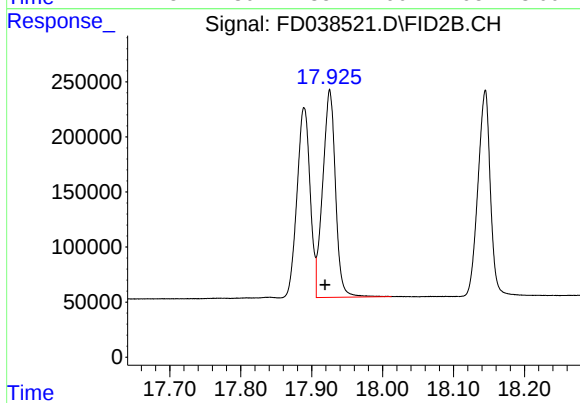
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: 0.005 min
Response: 2116242
Conc: 17.71 ug/ml



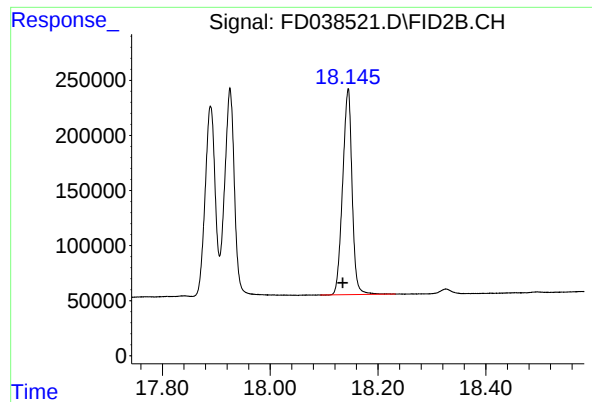
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: 0.007 min
Response: 2209927
Conc: 20.06 ug/ml



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

R.T.: 17.926 min
Delta R.T.: 0.007 min
Response: 2362145
Conc: 19.19 ug/ml



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

R.T.: 18.145 min
Delta R.T.: 0.010 min
Response: 2274933
Conc: 19.86 ug/ml

Instrument :
FID_D
ClientSampleId :
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