

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
 Data File : FD038075.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 5:15
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 07 10:28:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.523	2593895	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
6) S 2-Fluorobiphenyl (SURR)	8.383	1784693	20.168 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.34%
11) S ortho-Terphenyl (SURR)	11.419	3003961	19.822 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	2792101	19.712 ug/ml
2) T Naphthalene (C11.7)	5.862	2956482	19.997 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	2973408	20.260 ug/ml
5) T Acenaphthylene (C15.06)	8.185	2985525	20.014 ug/ml
7) T Acenaphthene (C15.5)	8.481	3075427	19.862 ug/ml
8) T Fluorene (C16.55)	9.261	2949233	20.119 ug/ml
9) T Phenanthrene (C19.36)	10.654	2918325	20.188 ug/ml
10) T Anthracene (C19.43)	10.729	2917922	20.626 ug/ml
12) T Fluoranthene (C21.85)	12.462	2937688	20.278 ug/ml
13) T Pyrene (C20.8)	12.758	2870653	20.146 ug/ml
14) T Benzo[a]anthracene (C...	14.629	2593815	20.315 ug/ml
15) T Chrysene (C27.41)	14.671	2844622	20.093 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2530589	20.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	2650536	20.205 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	2391080	20.384 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2116892	20.452 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	2514493	21.333 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	2298590	21.059 ug/ml

(f)=RT Delta > 1/2 Window

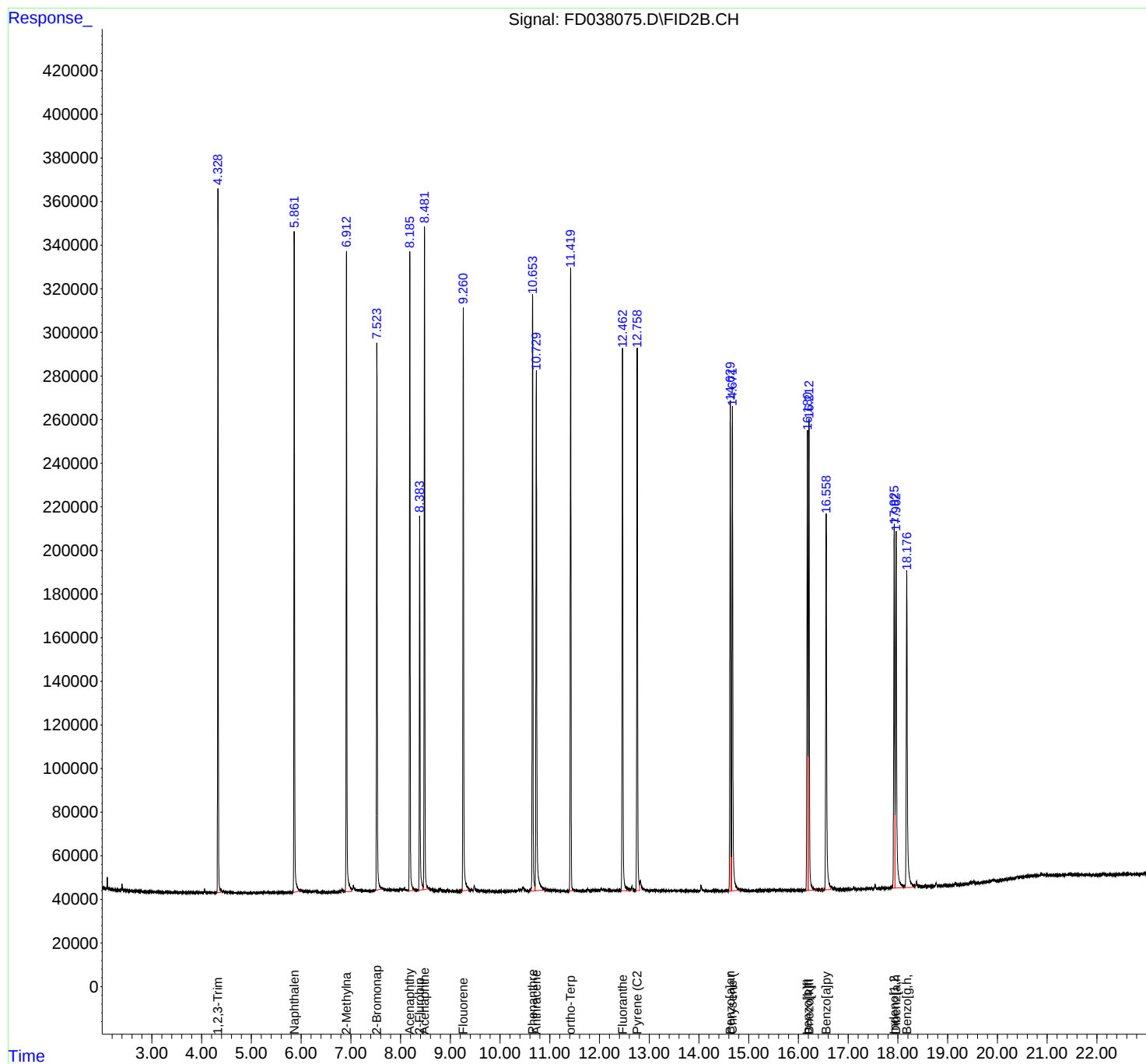
(m)=manual int.

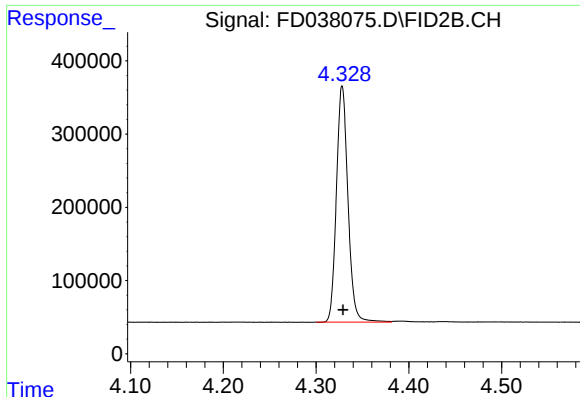
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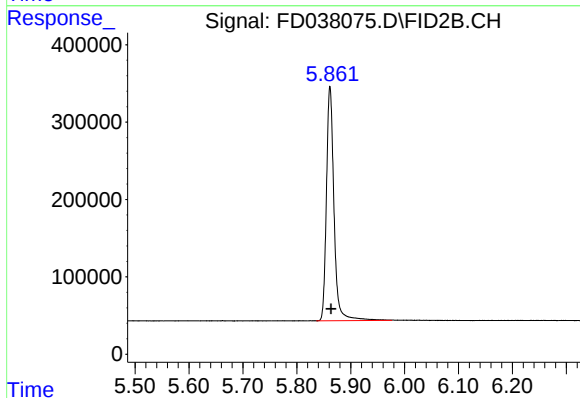




#1 1,2,3-Trimethylbenzene (C10.1)

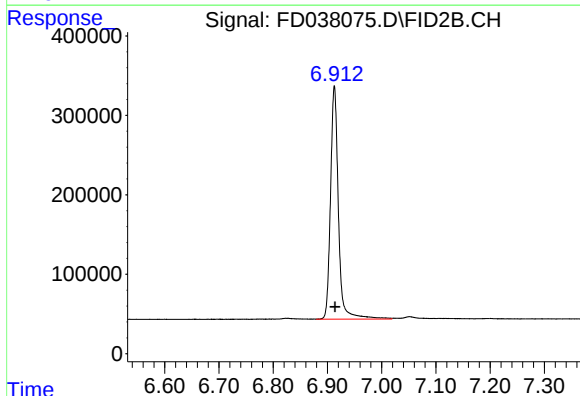
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 2792101
Conc: 19.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



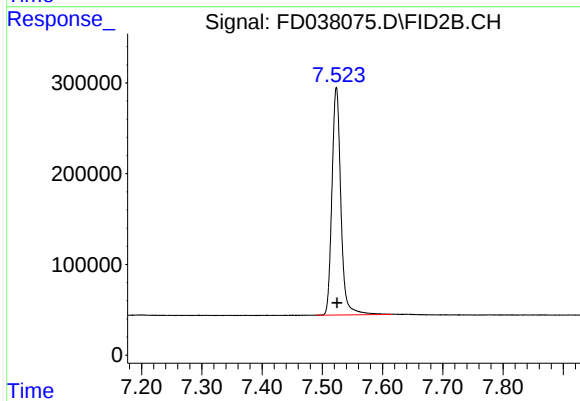
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 2956482
Conc: 20.00 ug/ml



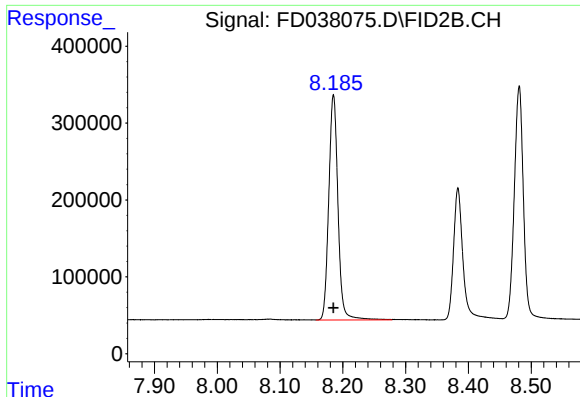
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 2973408
Conc: 20.26 ug/ml



#4 2-Bromonaphthalene (SURR)

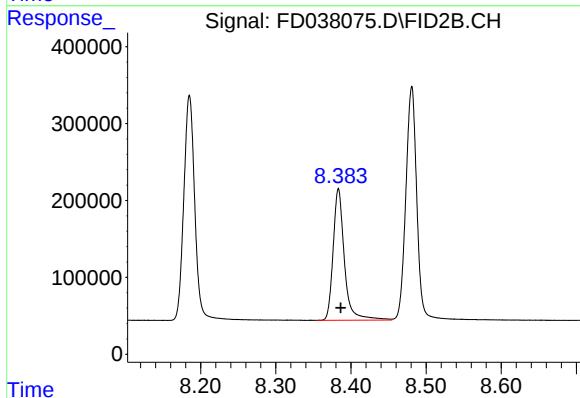
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 2593895
Conc: 19.90 ug/ml



#5 Acenaphthylene (C15.06)

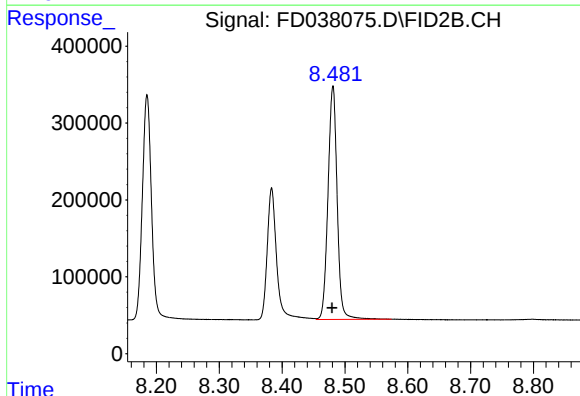
R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 2985525
Conc: 20.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



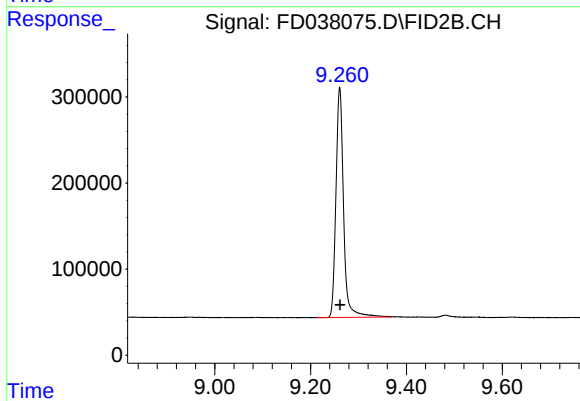
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.003 min
Response: 1784693
Conc: 20.17 ug/ml



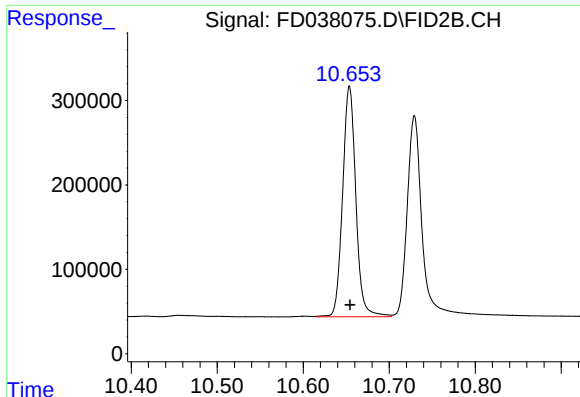
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 3075427
Conc: 19.86 ug/ml



#8 Fluorene (C16.55)

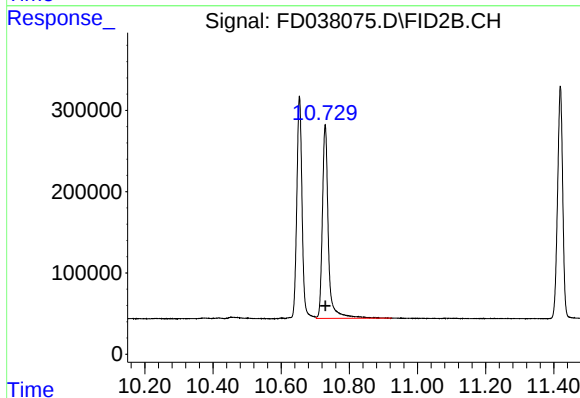
R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 2949233
Conc: 20.12 ug/ml



#9 Phenanthrene (C19.36)

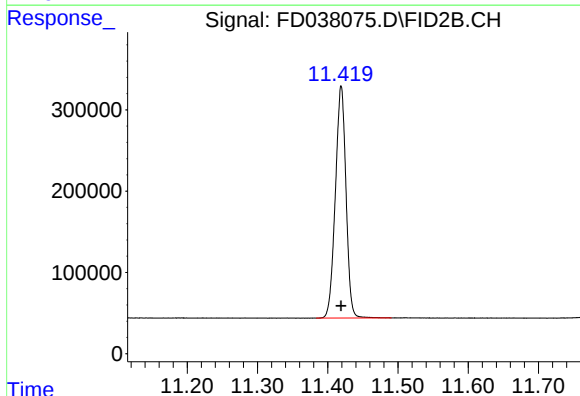
R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2918325
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



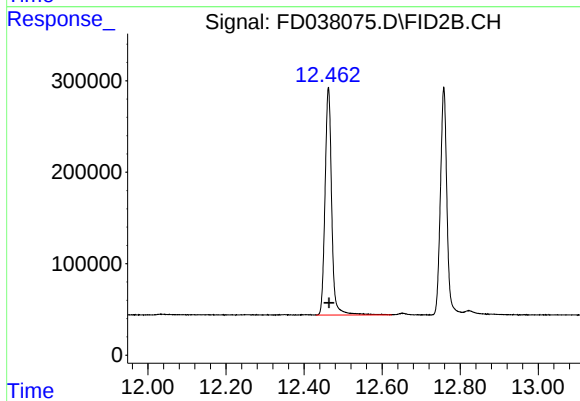
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: 0.000 min
Response: 2917922
Conc: 20.63 ug/ml



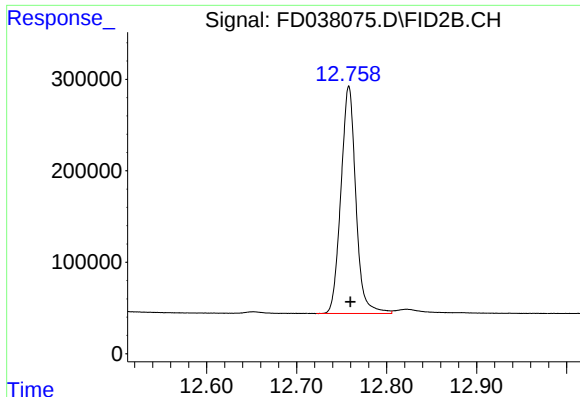
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 3003961
Conc: 19.82 ug/ml



#12 Fluoranthene (C21.85)

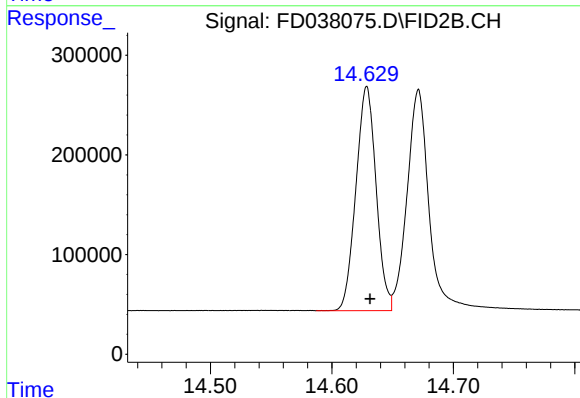
R.T.: 12.462 min
Delta R.T.: -0.001 min
Response: 2937688
Conc: 20.28 ug/ml



#13 Pyrene (C20.8)

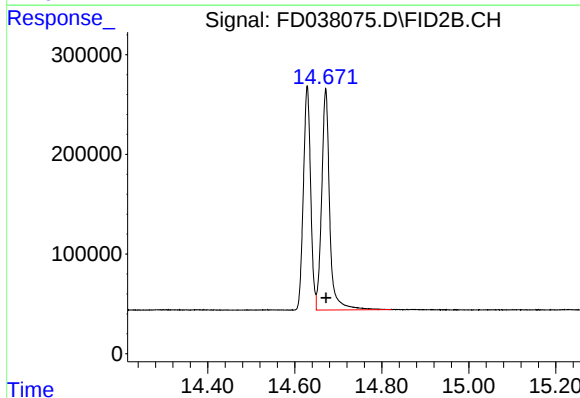
R.T.: 12.758 min
Delta R.T.: -0.002 min
Response: 2870653
Conc: 20.15 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



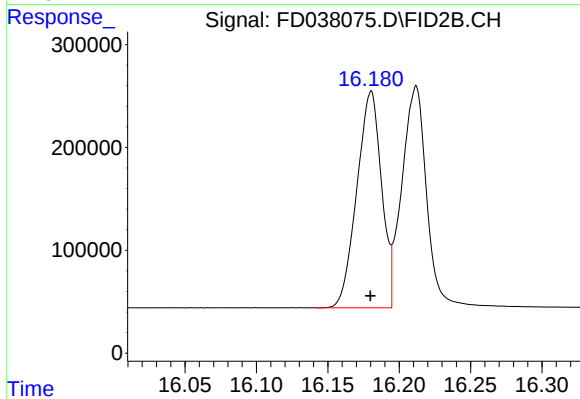
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.003 min
Response: 2593815
Conc: 20.32 ug/ml



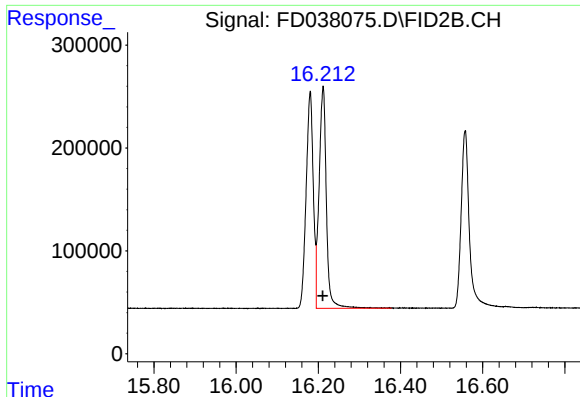
#15 Chrysene (C27.41)

R.T.: 14.671 min
Delta R.T.: 0.000 min
Response: 2844622
Conc: 20.09 ug/ml



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

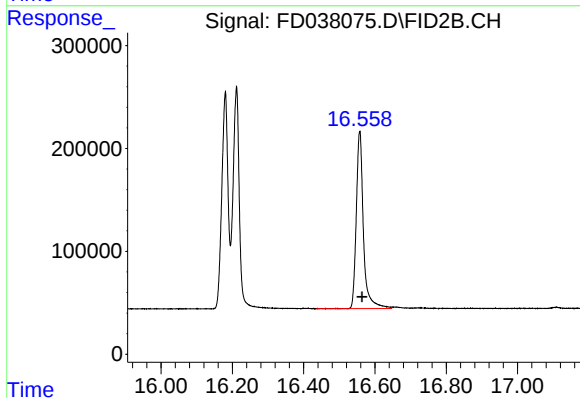
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 2530589
Conc: 20.29 ug/ml



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

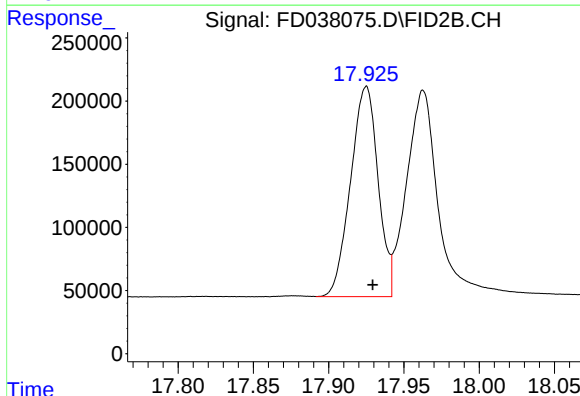
R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 2650536
Conc: 20.21 ug/ml

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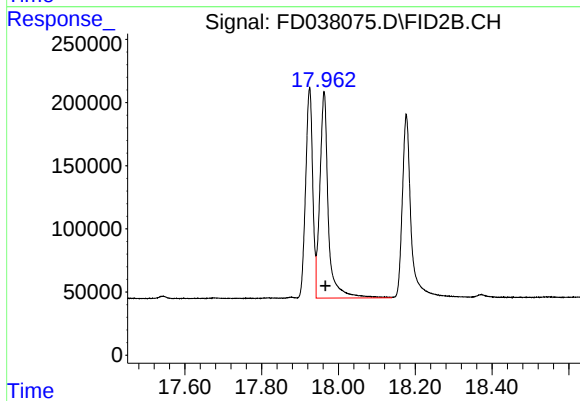
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: -0.007 min
Response: 2391080
Conc: 20.38 ug/ml



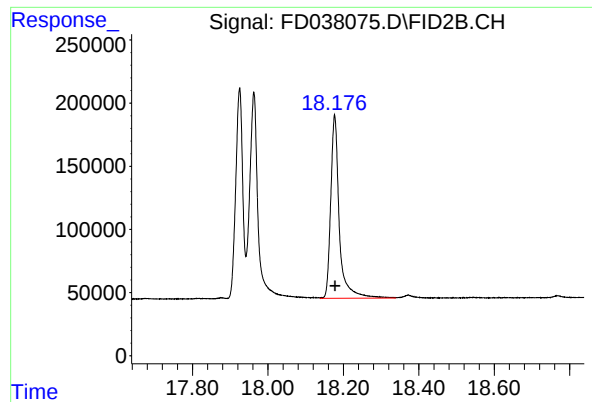
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.004 min
Response: 2116892
Conc: 20.45 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.003 min
Response: 2514493
Conc: 21.33 ug/ml



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

R.T.: 18.177 min
Delta R.T.: -0.001 min
Response: 2298590
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :
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