

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082820AR\
 Data File : FD034583.D
 Signal(s) : FID2B.CH
 Acq On : 29 Aug 2020 8:08
 Operator : DD\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: Aug 31 01:49:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 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...	7.691	2401957	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
6) S 2-Fluorobiphenyl (SURR)	8.556	1672483	20.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.35%
11) S ortho-Terphenyl (SURR)	11.598	2719891	20.015 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	2694345	21.139 ug/ml
2) T Naphthalene (C11.7)	6.028	2768240	20.691 ug/ml
3) T 2-Methylnaphthalene (...)	7.081	2783361	20.620 ug/ml
5) T Acenaphthylene (C15.06)	8.359	2655197	20.063 ug/ml
7) T Acenaphthene (C15.5)	8.655	2731607	20.311 ug/ml
8) T Flouorene (C16.55)	9.437	2658339	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.835	2634249	19.653 ug/ml
10) T Anthracene (C19.43)	10.909	2137177	16.103 ug/ml
12) T Fluoranthene (C21.85)	12.648	2650543	19.501 ug/ml
13) T Pyrene (C20.8)	12.945	2573489	19.326 ug/ml
14) T Benzo[a]anthracene (C...	14.817	2515701	19.168 ug/ml
15) T Chrysene (C27.41)	14.860	2578557	19.667 ug/ml
16) T benzo[b]fluoranthene ...	16.368	2580879	20.173 ug/ml
17) T Bnezo[k]fluoranthene ...	16.400	2511569	20.278 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.747	2529834	20.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	2510063	20.861 ug/ml
20) T Dibenz[a,h]anthracene...	18.151	2566111	21.737 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	2534318	21.389 ug/ml

(f)=RT Delta > 1/2 Window

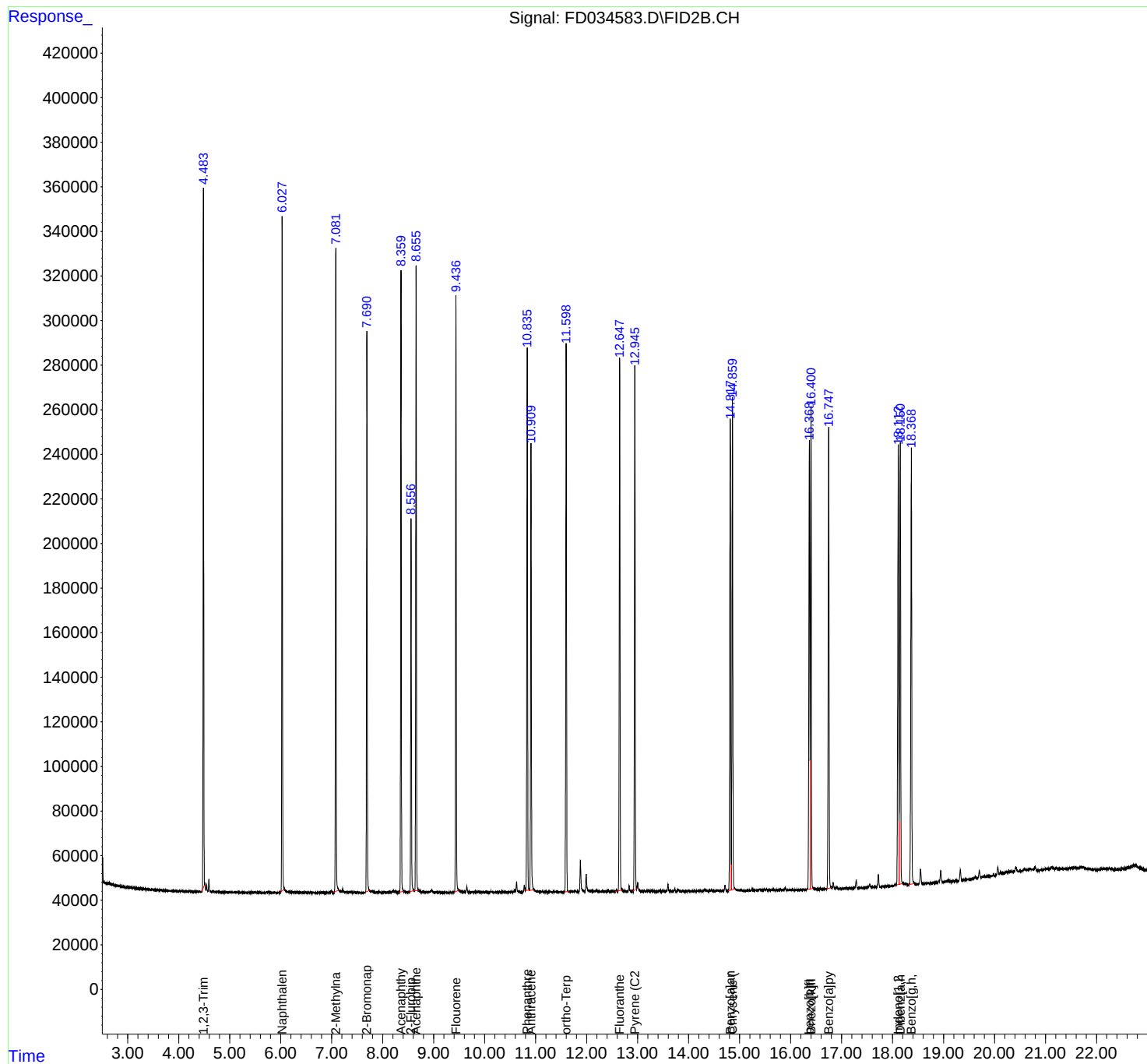
(m)=manual int.

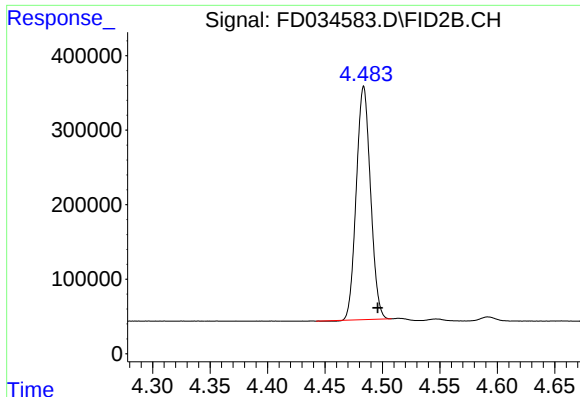
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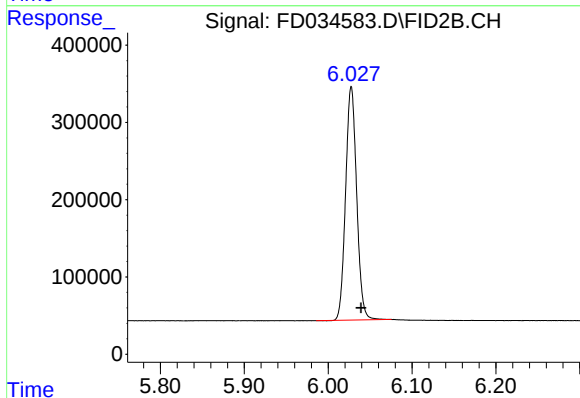




#1 1,2,3-Trimethylbenzene (C10.1)

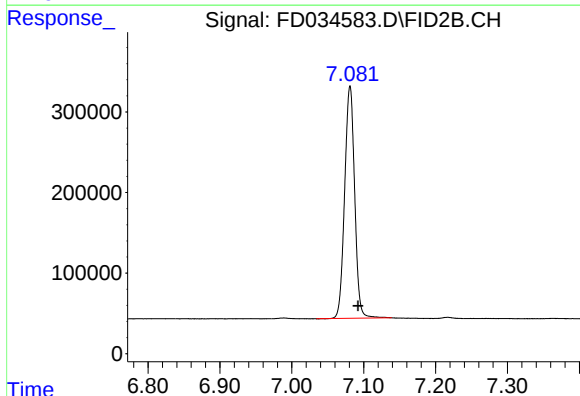
R.T.: 4.484 min
Delta R.T.: -0.012 min
Response: 2694345
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



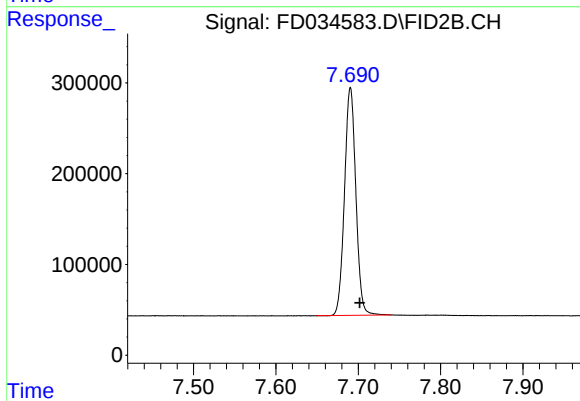
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.011 min
Response: 2768240
Conc: 20.69 ug/ml



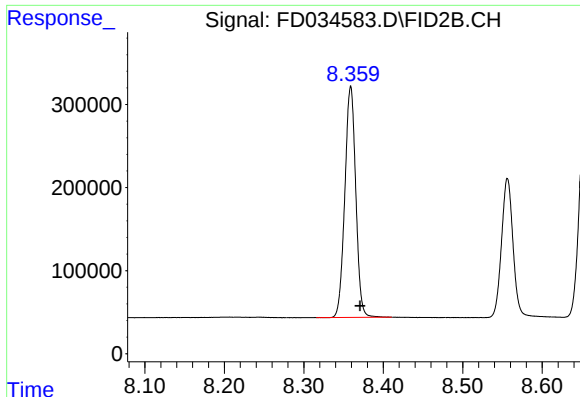
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.081 min
Delta R.T.: -0.011 min
Response: 2783361
Conc: 20.62 ug/ml



#4 2-Bromonaphthalene (SURR)

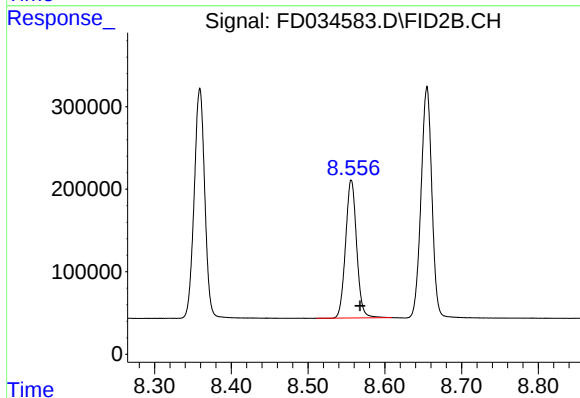
R.T.: 7.691 min
Delta R.T.: -0.011 min
Response: 2401957
Conc: 20.55 ug/ml



#5 Acenaphthylene (C15.06)

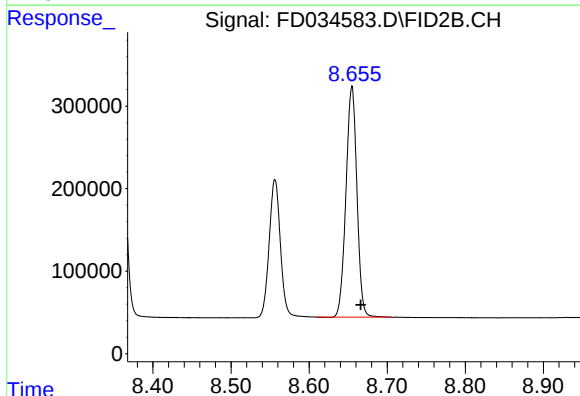
R.T.: 8.359 min
Delta R.T.: -0.012 min
Response: 2655197
Conc: 20.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



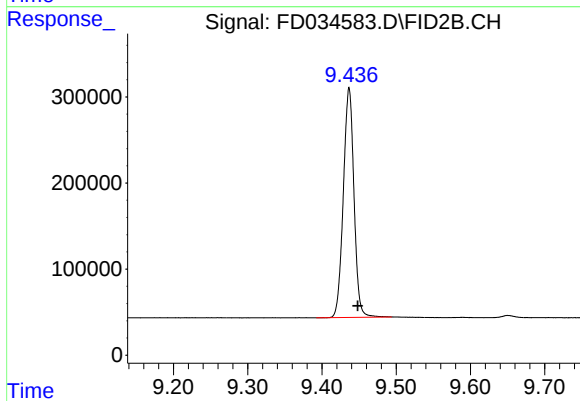
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.556 min
Delta R.T.: -0.012 min
Response: 1672483
Conc: 20.17 ug/ml



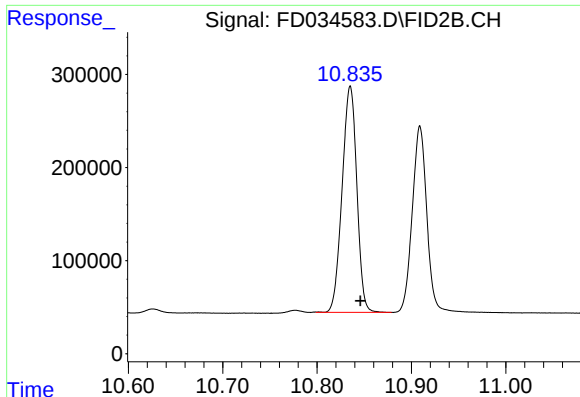
#7 Acenaphthene (C15.5)

R.T.: 8.655 min
Delta R.T.: -0.011 min
Response: 2731607
Conc: 20.31 ug/ml



#8 Flouorene (C16.55)

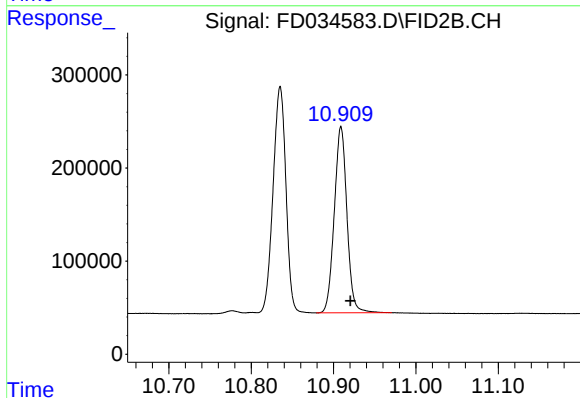
R.T.: 9.437 min
Delta R.T.: -0.011 min
Response: 2658339
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

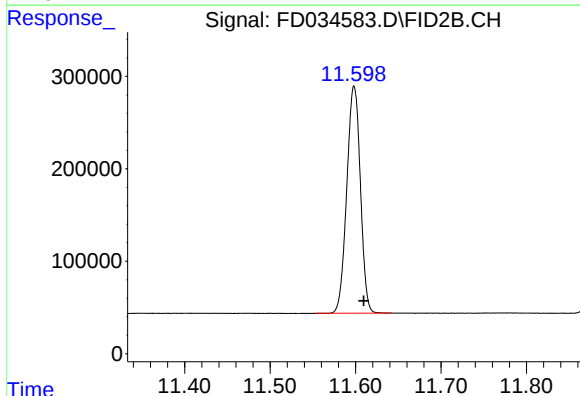
R.T.: 10.835 min
Delta R.T.: -0.011 min
Response: 2634249
Conc: 19.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



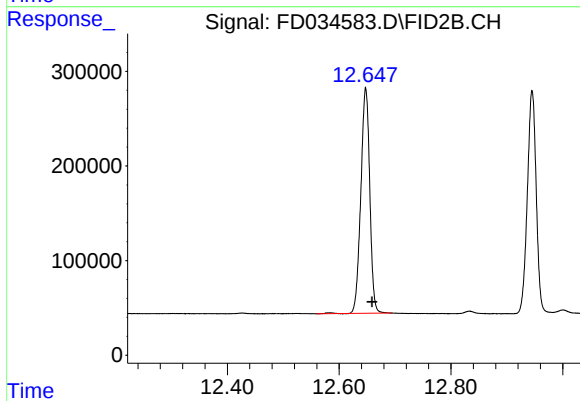
#10 Anthracene (C19.43)

R.T.: 10.909 min
Delta R.T.: -0.012 min
Response: 2137177
Conc: 16.10 ug/ml



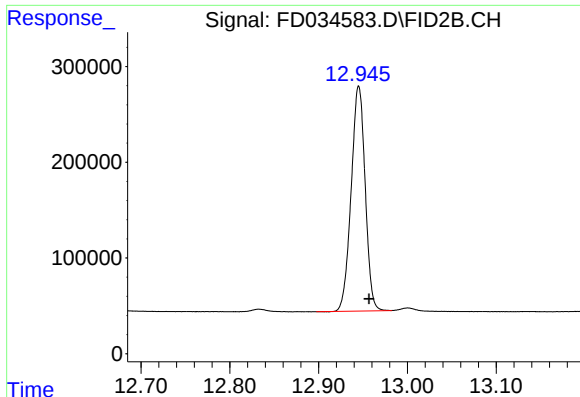
#11 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: -0.011 min
Response: 2719891
Conc: 20.01 ug/ml



#12 Fluoranthene (C21.85)

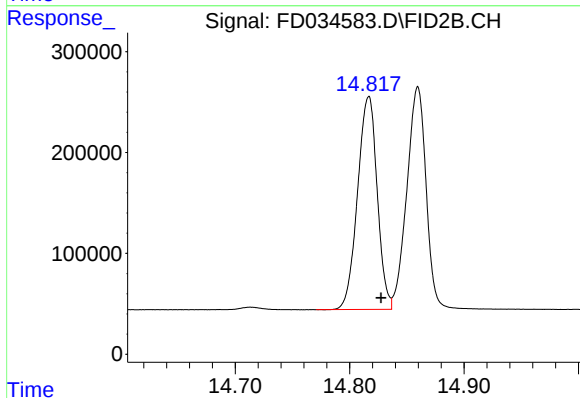
R.T.: 12.648 min
Delta R.T.: -0.011 min
Response: 2650543
Conc: 19.50 ug/ml



#13 Pyrene (C20.8)

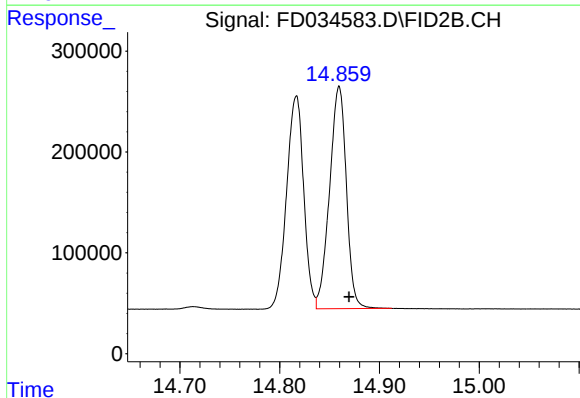
R.T.: 12.945 min
Delta R.T.: -0.011 min
Response: 2573489
Conc: 19.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



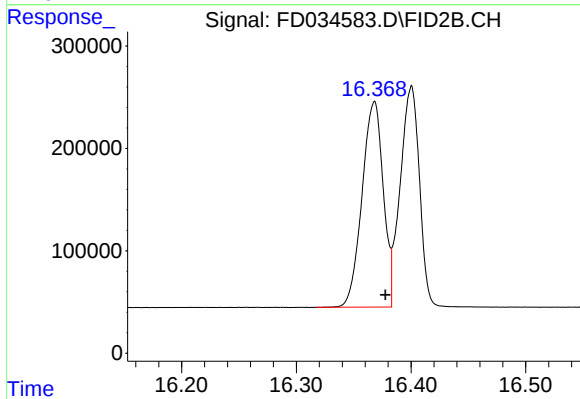
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.817 min
Delta R.T.: -0.011 min
Response: 2515701
Conc: 19.17 ug/ml



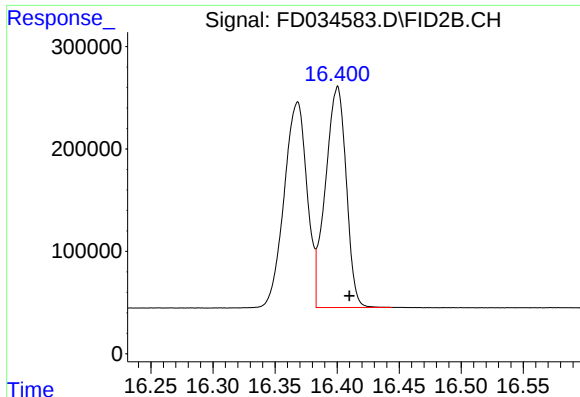
#15 Chrysene (C27.41)

R.T.: 14.860 min
Delta R.T.: -0.010 min
Response: 2578557
Conc: 19.67 ug/ml



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

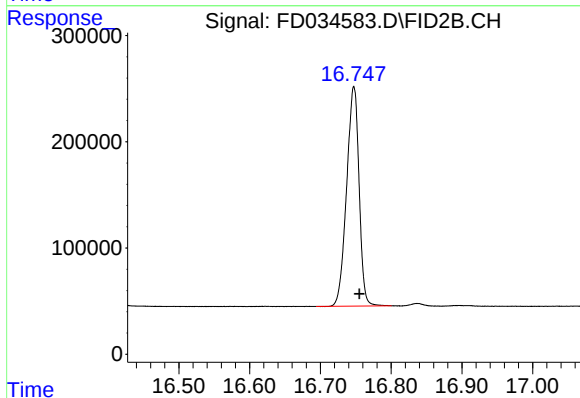
R.T.: 16.368 min
Delta R.T.: -0.010 min
Response: 2580879
Conc: 20.17 ug/ml



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

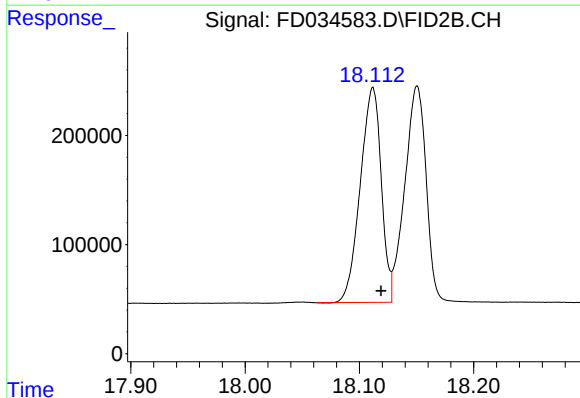
R.T.: 16.400 min
Delta R.T.: -0.010 min
Response: 2511569
Conc: 20.28 ug/ml

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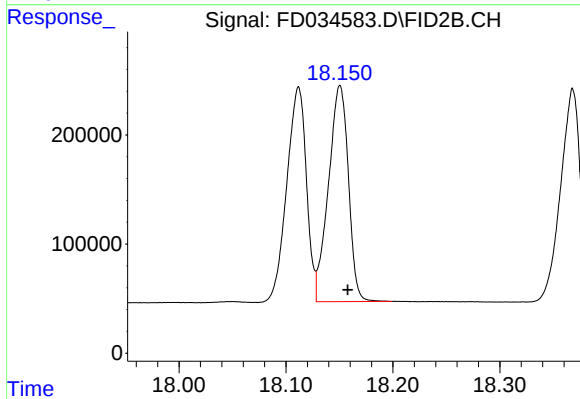
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.747 min
Delta R.T.: -0.008 min
Response: 2529834
Conc: 20.21 ug/ml



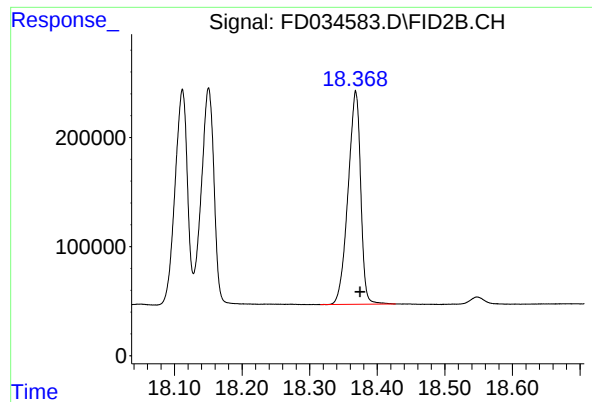
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: -0.007 min
Response: 2510063
Conc: 20.86 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.007 min
Response: 2566111
Conc: 21.74 ug/ml



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

R.T.: 18.368 min
Delta R.T.: -0.006 min
Response: 2534318
Conc: 21.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD