

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028506.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 11:40
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 26 12:32:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.119	1750825	18.454 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
6) S 2-Fluorobiphenyl (SURR)	7.987	1206509	18.507 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.01%
11) S ortho-Terphenyl (SURR)	11.027	2076415	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.940	1835792	18.766 ug/ml
2) T Naphthalene (C11.7)	5.464	1977326	18.560 ug/ml
3) T 2-Methylnaphthalene (...)	6.512	1977161	18.481 ug/ml
5) T Acenaphthylene (C15.06)	7.791	1914655	18.490 ug/ml
7) T Acenaphthene (C15.5)	8.086	2004010	18.474 ug/ml
8) T Flouorene (C16.55)	8.867	2012352	18.510 ug/ml
9) T Phenanthrene (C19.36)	10.265	2011336	18.574 ug/ml
10) T Anthracene (C19.43)	10.340	2001552	18.632 ug/ml
12) T Fluoranthene (C21.85)	12.077	2043852	18.904 ug/ml
13) T Pyrene (C20.8)	12.376	2039912	18.943 ug/ml
14) T Benzo[a]anthracene (C...	14.243	2028114	19.343 ug/ml
15) T Chrysene (C27.41)	14.287	2024730	19.337 ug/ml
16) T benzo[b]fluoranthene ...	15.792	2121769	19.575 ug/ml
17) T Bnezo[k]fluoranthene ...	15.824	2106269	19.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.172	2118698	19.581 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.533	2153012	19.482 ug/ml
20) T Dibenz[a,h]anthracene...	17.572	2137834	19.887 ug/ml
21) T Benzo[g,h,i]perylene ...	17.789	2127817	19.634 ug/ml

(f)=RT Delta > 1/2 Window

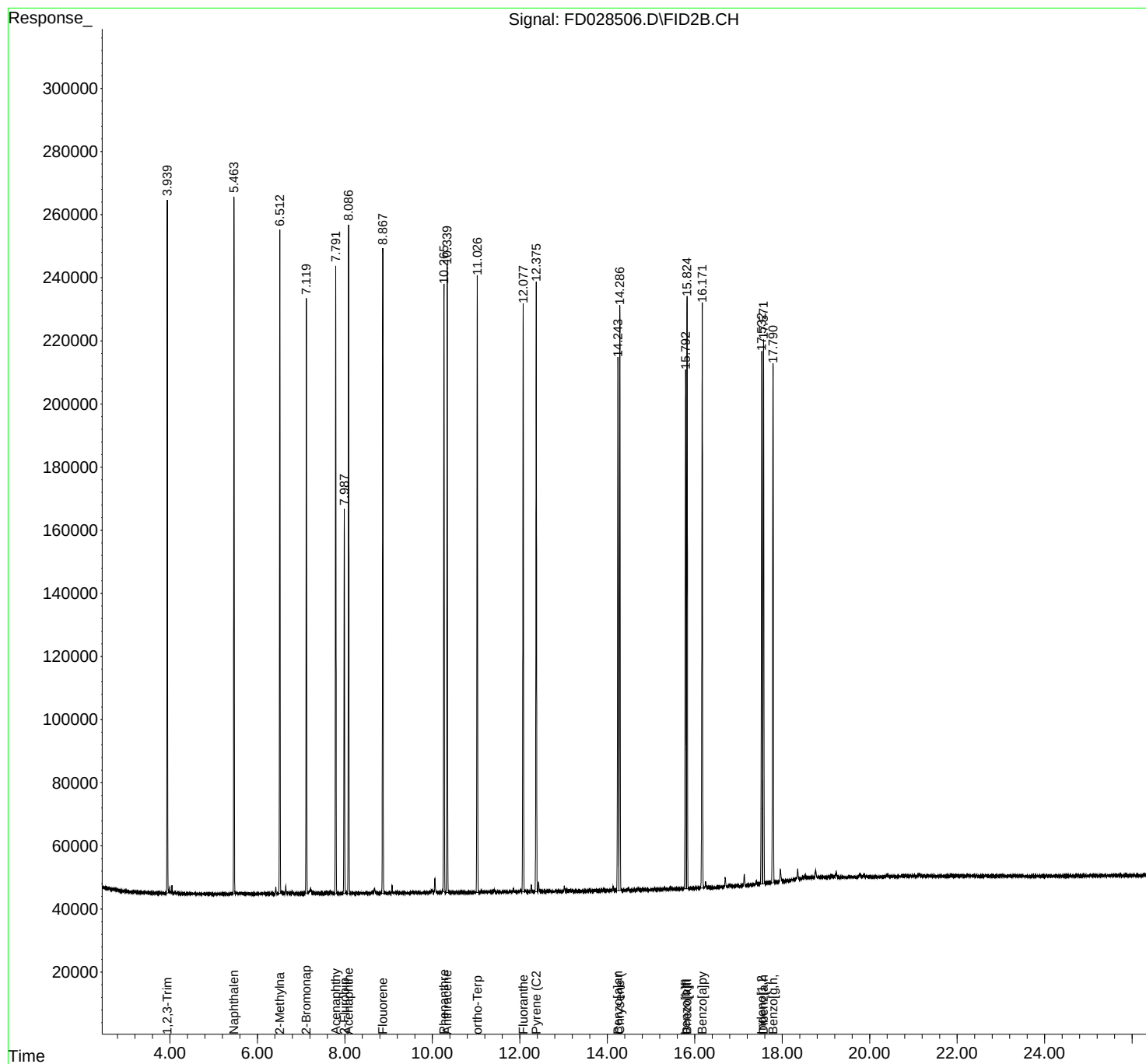
(m)=manual int.

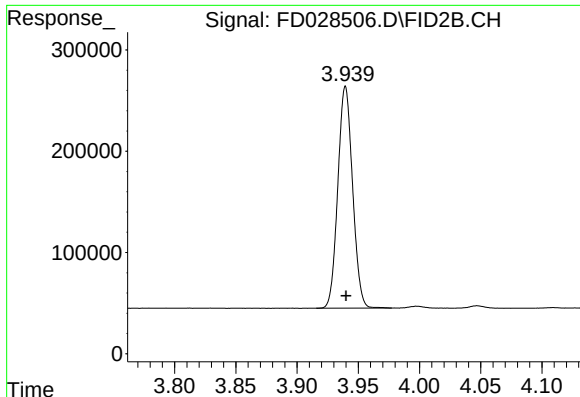
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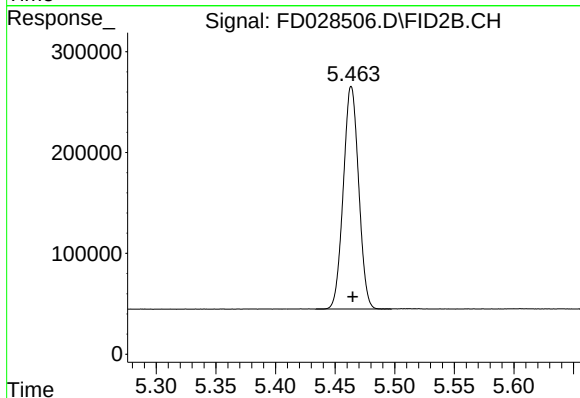




#1 1,2,3-Trimethylbenzene (C10.1)

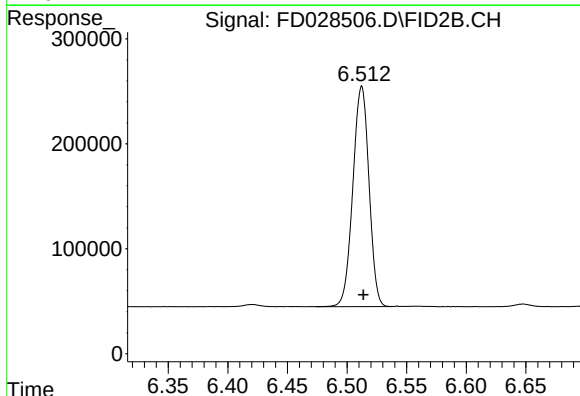
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 1835792
Conc: 18.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



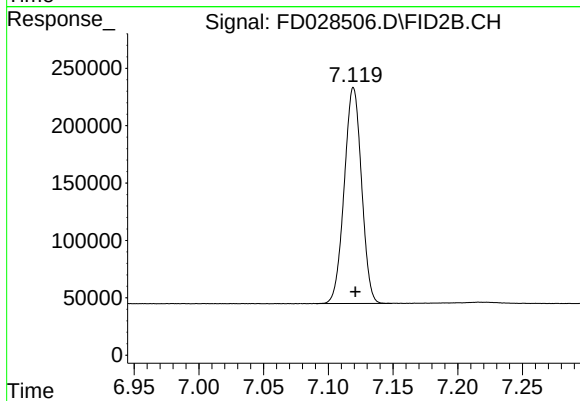
#2 Naphthalene (C11.7)

R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 1977326
Conc: 18.56 ug/ml



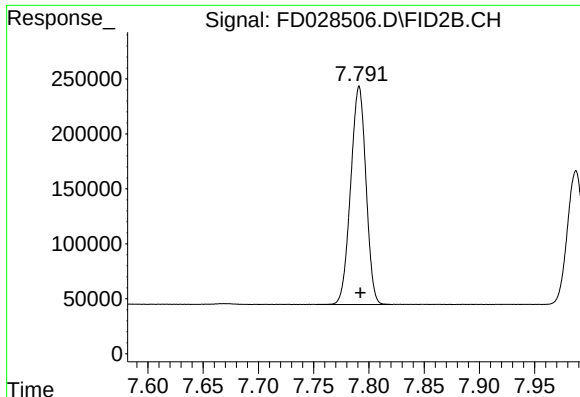
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 1977161
Conc: 18.48 ug/ml



#4 2-Bromonaphthalene (SURR)

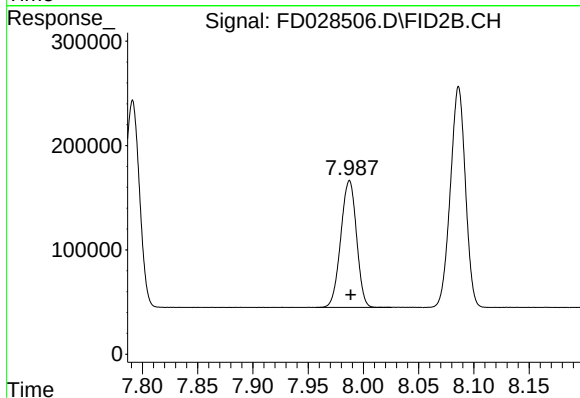
R.T.: 7.119 min
Delta R.T.: -0.002 min
Response: 1750825
Conc: 18.45 ug/ml



#5 Acenaphthylene (C15.06)

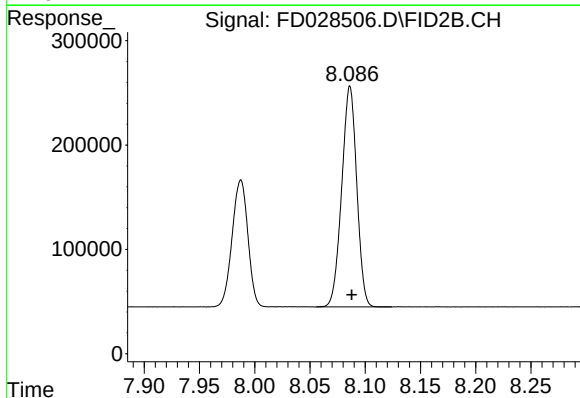
R.T.: 7.791 min
Delta R.T.: -0.001 min
Response: 1914655
Conc: 18.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



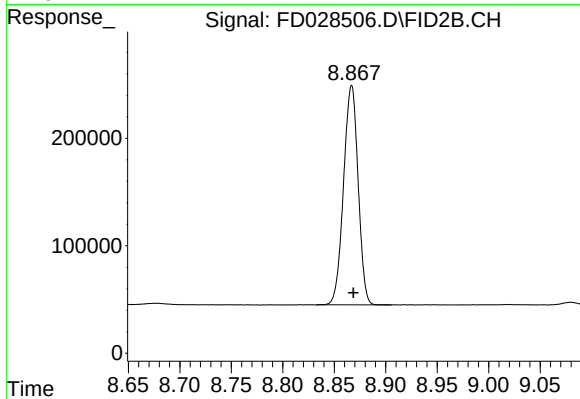
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.987 min
Delta R.T.: -0.001 min
Response: 1206509
Conc: 18.51 ug/ml



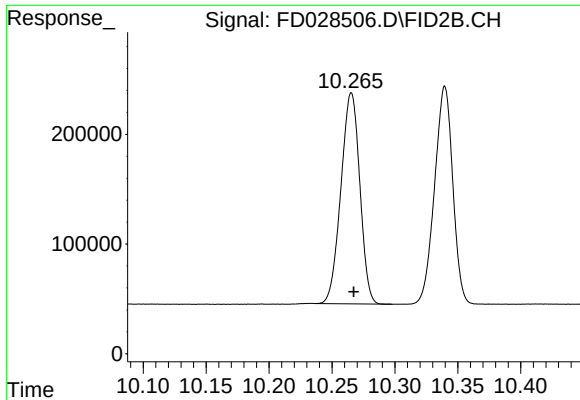
#7 Acenaphthene (C15.5)

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 2004010
Conc: 18.47 ug/ml



#8 Flouorene (C16.55)

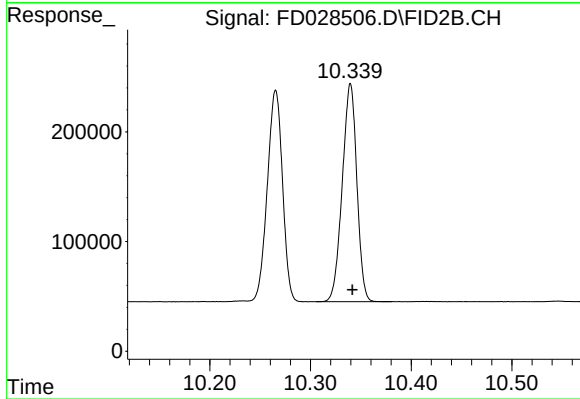
R.T.: 8.867 min
Delta R.T.: -0.002 min
Response: 2012352
Conc: 18.51 ug/ml



#9 Phenanthrene (C19.36)

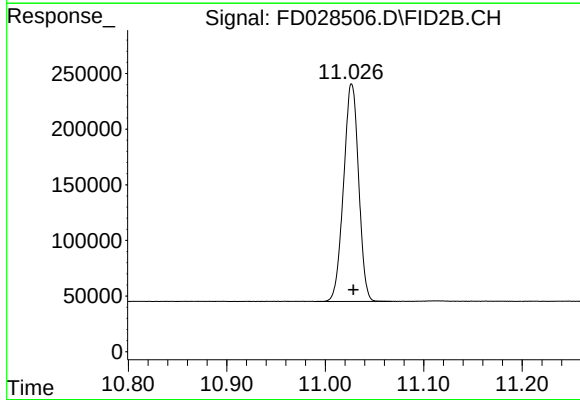
R.T.: 10.265 min
Delta R.T.: -0.002 min
Response: 2011336
Conc: 18.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



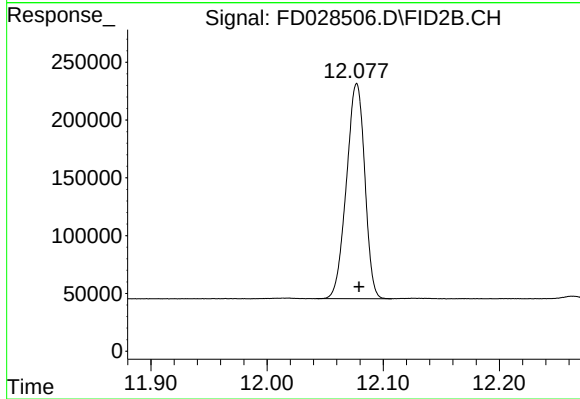
#10 Anthracene (C19.43)

R.T.: 10.340 min
Delta R.T.: -0.002 min
Response: 2001552
Conc: 18.63 ug/ml



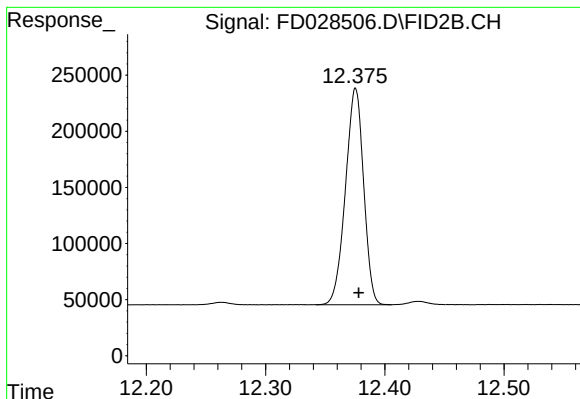
#11 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: -0.002 min
Response: 2076415
Conc: 18.66 ug/ml



#12 Fluoranthene (C21.85)

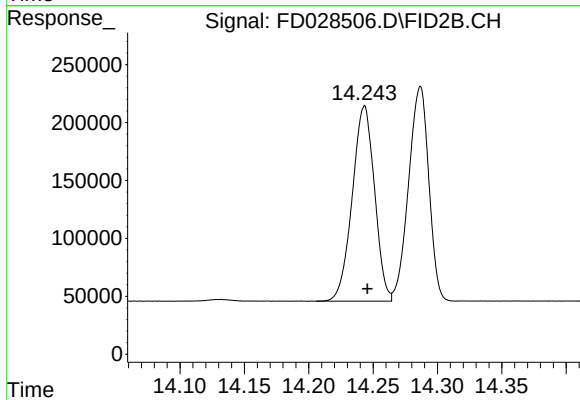
R.T.: 12.077 min
Delta R.T.: -0.002 min
Response: 2043852
Conc: 18.90 ug/ml



#13 Pyrene (C20.8)

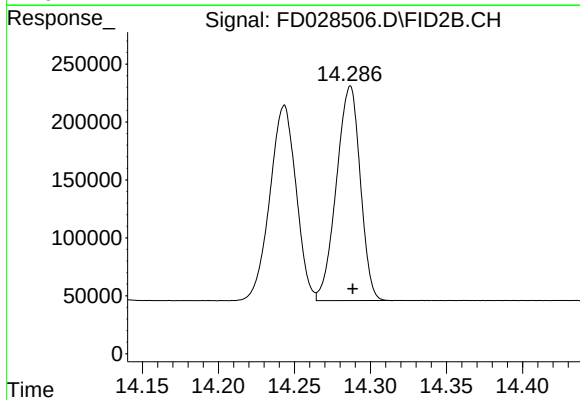
R.T.: 12.376 min
Delta R.T.: -0.003 min
Response: 2039912
Conc: 18.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



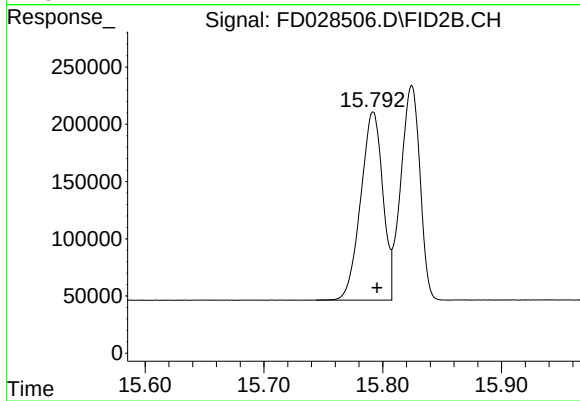
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.243 min
Delta R.T.: -0.002 min
Response: 2028114
Conc: 19.34 ug/ml



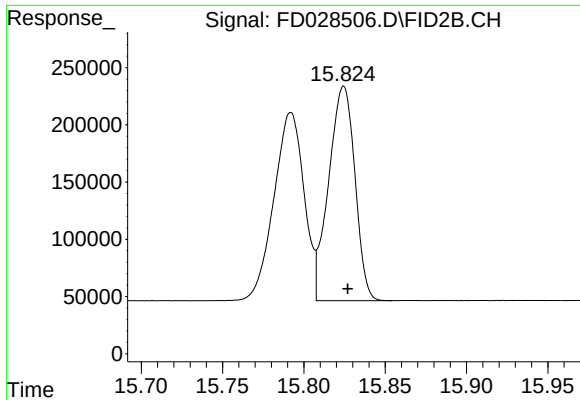
#15 Chrysene (C27.41)

R.T.: 14.287 min
Delta R.T.: -0.002 min
Response: 2024730
Conc: 19.34 ug/ml



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

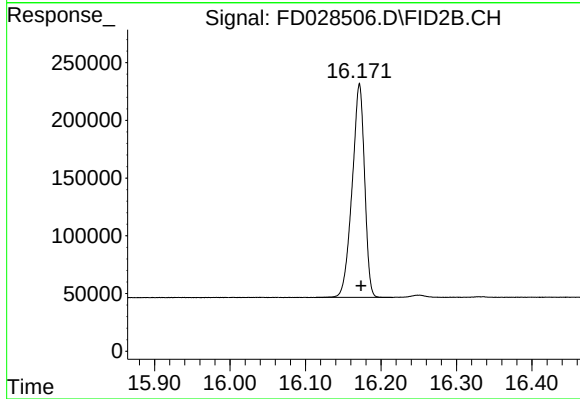
R.T.: 15.792 min
Delta R.T.: -0.003 min
Response: 2121769
Conc: 19.58 ug/ml



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

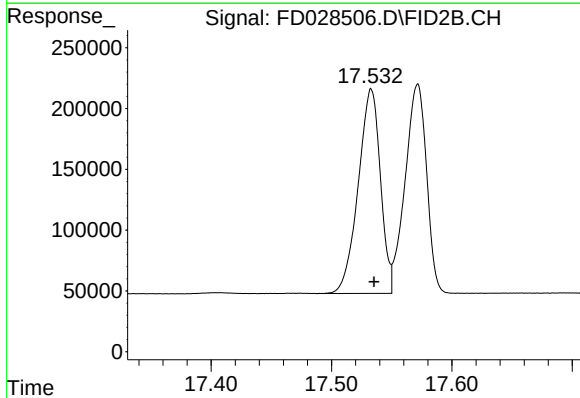
R.T.: 15.824 min
Delta R.T.: -0.003 min
Response: 2106269
Conc: 19.63 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



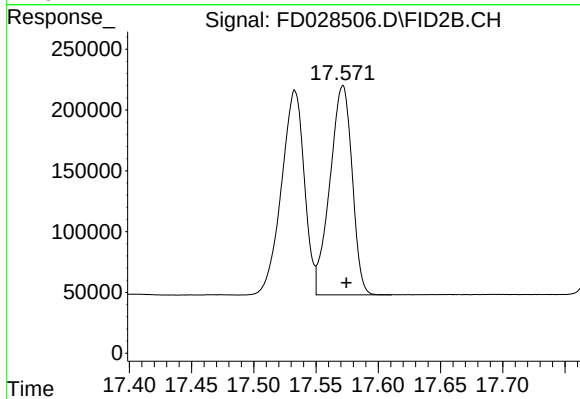
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.172 min
Delta R.T.: -0.002 min
Response: 2118698
Conc: 19.58 ug/ml



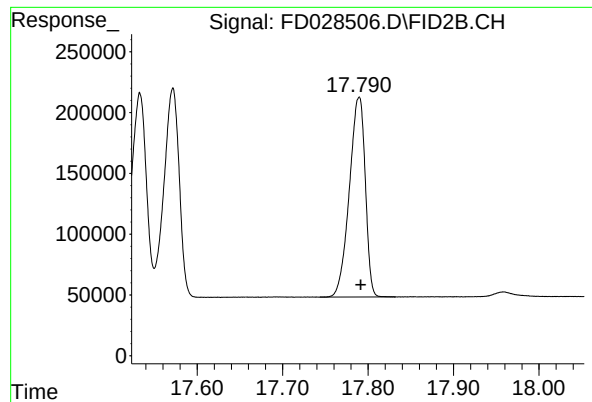
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.533 min
Delta R.T.: -0.002 min
Response: 2153012
Conc: 19.48 ug/ml



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

R.T.: 17.572 min
Delta R.T.: -0.003 min
Response: 2137834
Conc: 19.89 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.002 min
Response: 2127817
Conc: 19.63 ug/ml

Instrument :
FID_D
ClientSampleId :
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