

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111018AR\
 Data File : FD026505.D
 Signal(s) : FID2B.CH
 Acq On : 10 Nov 2018 21:16
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 14:24:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 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...	7.393	1410397	18.575 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
6) S 2-Fluorobiphenyl (SURR)	8.244	988894	18.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.82%
11) S ortho-Terphenyl (SURR)	11.288	1708245	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.197	1546350	19.372 ug/ml
2) T Naphthalene (C11.7)	5.728	1666166	18.985 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	1627909	18.782 ug/ml
5) T Acenaphthylene (C15.06)	8.048	1596056	18.830 ug/ml
7) T Acenaphthene (C15.5)	8.343	1670415	18.893 ug/ml
8) T Flouorene (C16.55)	9.122	1675862	19.016 ug/ml
9) T Phenanthrene (C19.36)	10.511	1763919	20.093 ug/ml
10) T Anthracene (C19.43)	10.585	1757784	20.077 ug/ml
12) T Fluoranthene (C21.85)	12.316	1896617	21.777 ug/ml
13) T Pyrene (C20.8)	12.610	1930157	22.269 ug/ml
14) T Benzo[a]anthracene (C...	14.480	1922980	22.613 ug/ml
15) T Chrysene (C27.41)	14.521	1934708	22.576 ug/ml
16) T benzo[b]fluoranthene ...	16.025	1959524	21.049 ug/ml
17) T Bnezo[k]fluoranthene ...	16.058	1973595	21.313 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.401	1950120	20.661 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	1888312	19.664 ug/ml
20) T Dibenz[a,h]anthracene...	17.804	1853445	19.745 ug/ml
21) T Benzo[g,h,i]perylene ...	18.016	1931430	19.646 ug/ml

(f)=RT Delta > 1/2 Window

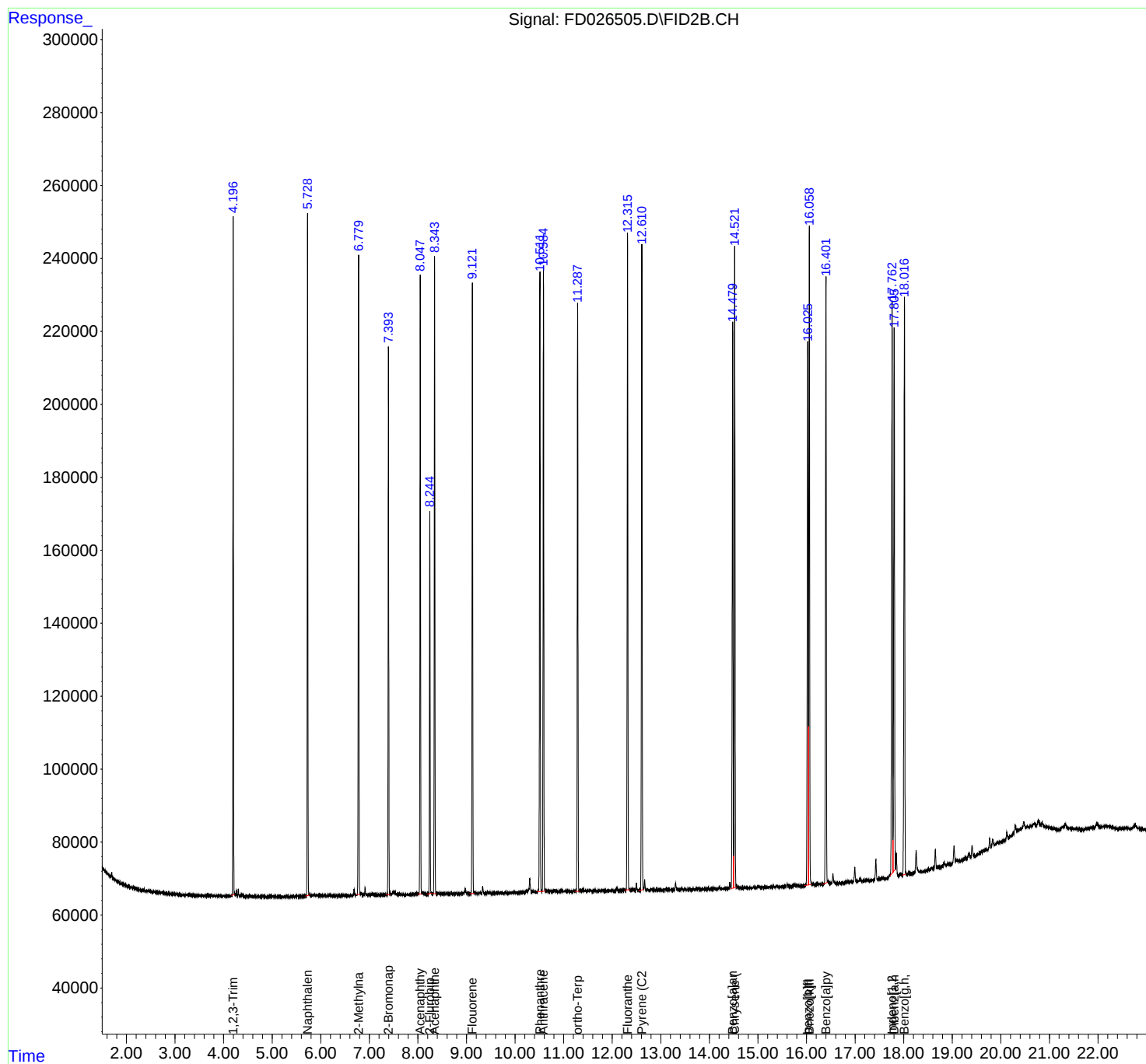
(m)=manual int.

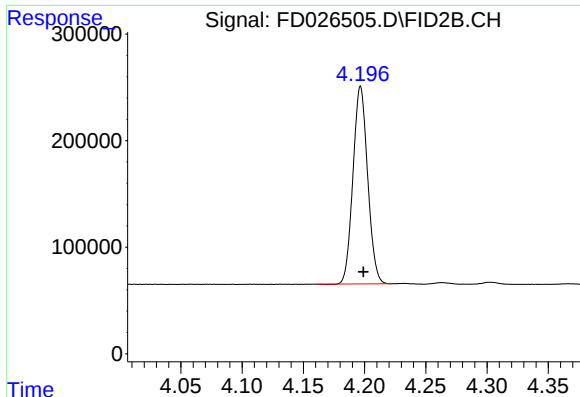
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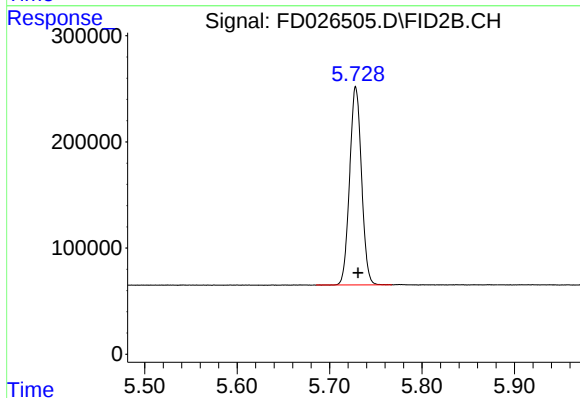




#1 1,2,3-Trimethylbenzene (C10.1)

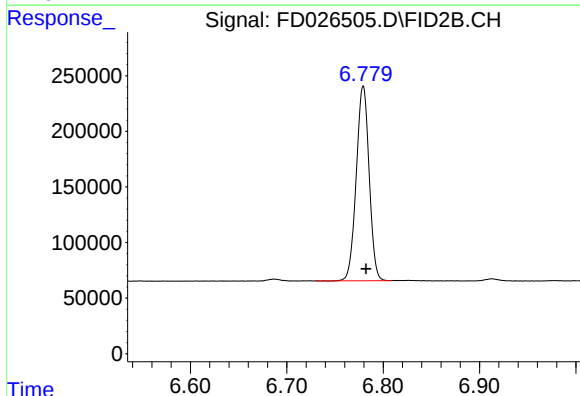
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 1546350
Conc: 19.37 ug/ml

Instrument :
FID_D
ClientSampleId :



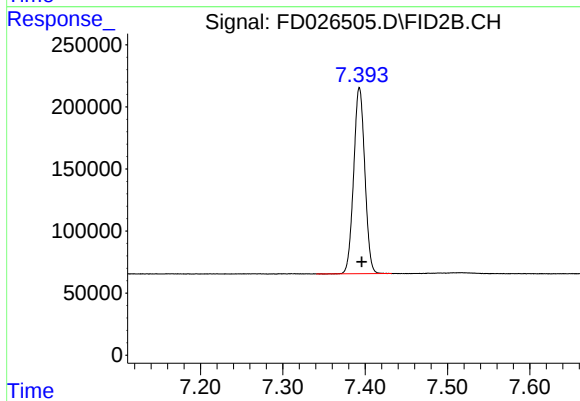
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 1666166
Conc: 18.99 ug/ml



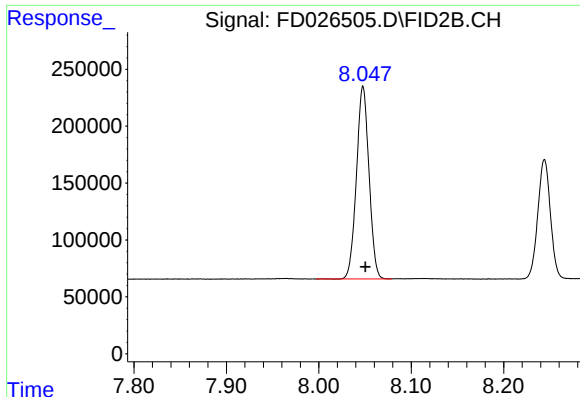
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 1627909
Conc: 18.78 ug/ml



#4 2-Bromonaphthalene (SURR)

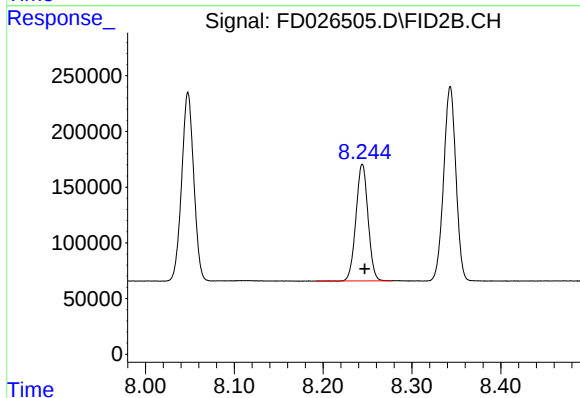
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 1410397
Conc: 18.58 ug/ml



#5 Acenaphthylene (C15.06)

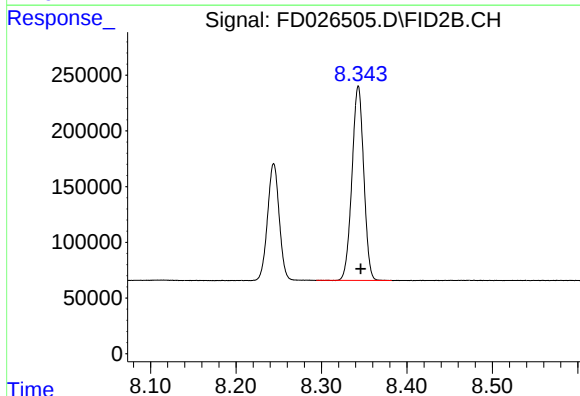
R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 1596056
Conc: 18.83 ug/ml

Instrument :
FID_D
ClientSampleId :



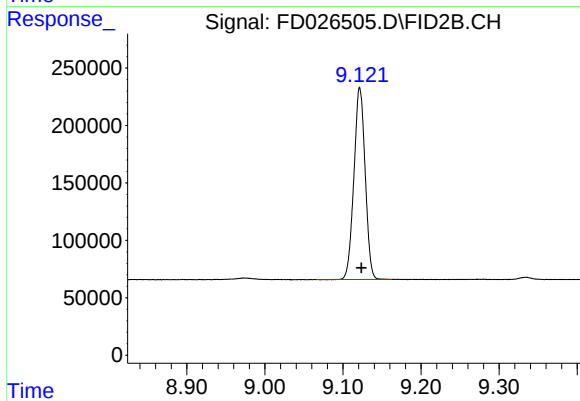
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min
Delta R.T.: -0.003 min
Response: 988894
Conc: 18.91 ug/ml



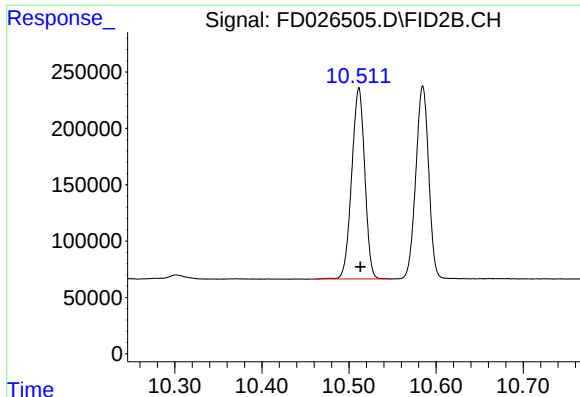
#7 Acenaphthene (C15.5)

R.T.: 8.343 min
Delta R.T.: -0.003 min
Response: 1670415
Conc: 18.89 ug/ml



#8 Flouorene (C16.55)

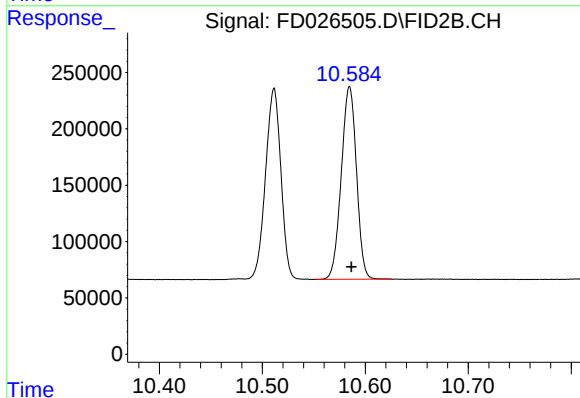
R.T.: 9.122 min
Delta R.T.: -0.002 min
Response: 1675862
Conc: 19.02 ug/ml



#9 Phenanthrene (C19.36)

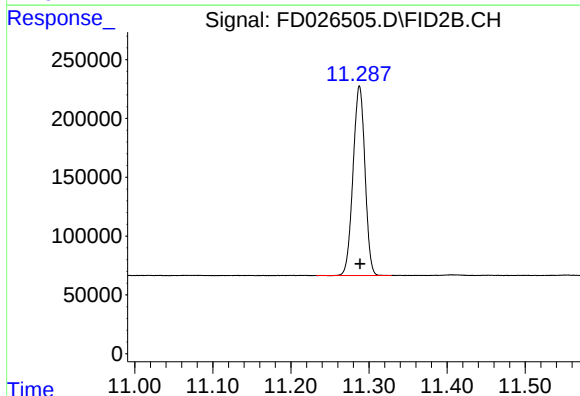
R.T.: 10.511 min
Delta R.T.: -0.002 min
Response: 1763919
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :



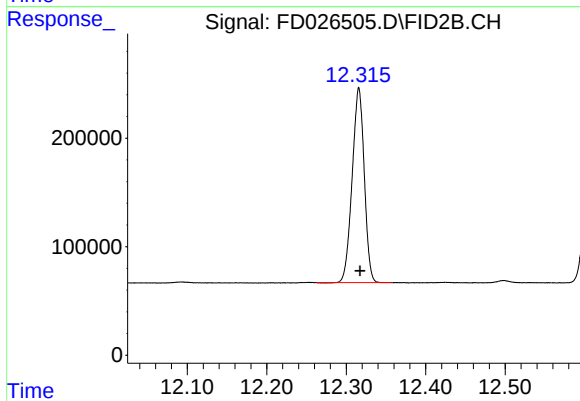
#10 Anthracene (C19.43)

R.T.: 10.585 min
Delta R.T.: -0.002 min
Response: 1757784
Conc: 20.08 ug/ml



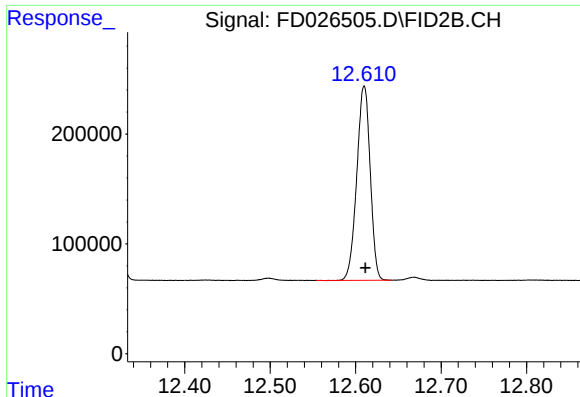
#11 ortho-Terphenyl (SURR)

R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 1708245
Conc: 20.15 ug/ml



#12 Fluoranthene (C21.85)

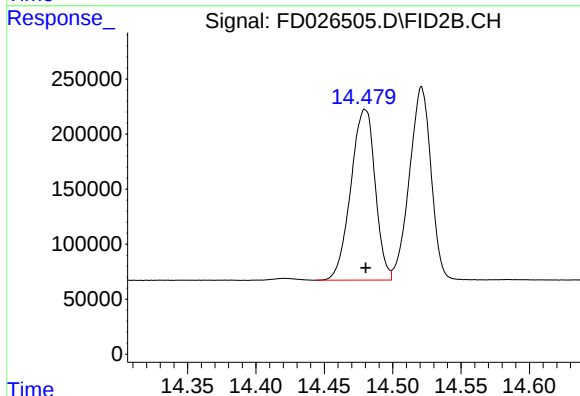
R.T.: 12.316 min
Delta R.T.: -0.002 min
Response: 1896617
Conc: 21.78 ug/ml



#13 Pyrene (C20.8)

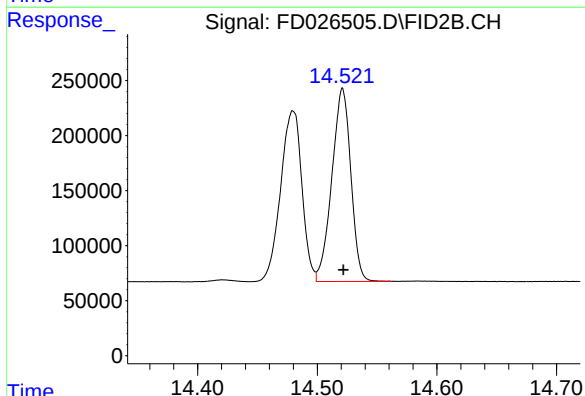
R.T.: 12.610 min
Delta R.T.: -0.001 min
Response: 1930157
Conc: 22.27 ug/ml

Instrument :
FID_D
ClientSampleId :



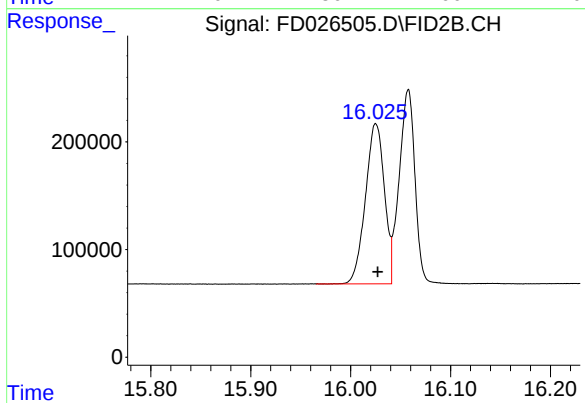
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.480 min
Delta R.T.: 0.000 min
Response: 1922980
Conc: 22.61 ug/ml



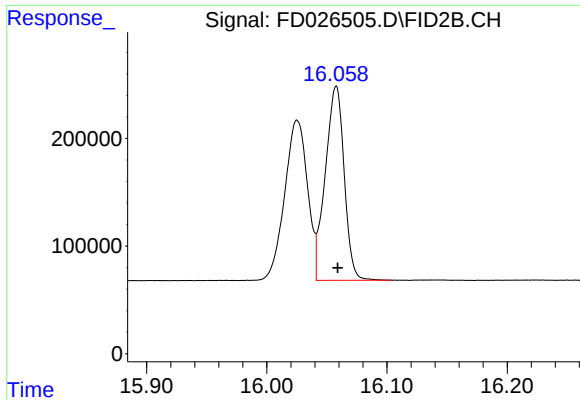
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 1934708
Conc: 22.58 ug/ml



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

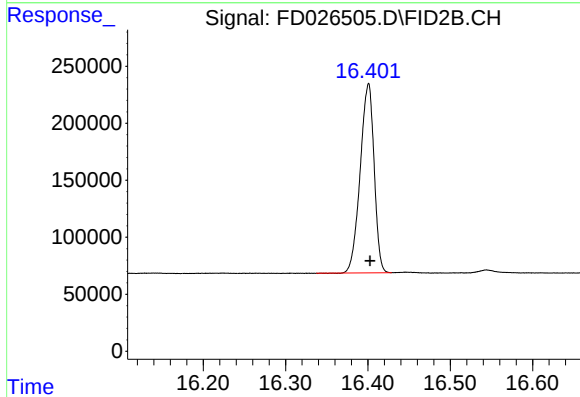
R.T.: 16.025 min
Delta R.T.: -0.002 min
Response: 1959524
Conc: 21.05 ug/ml



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

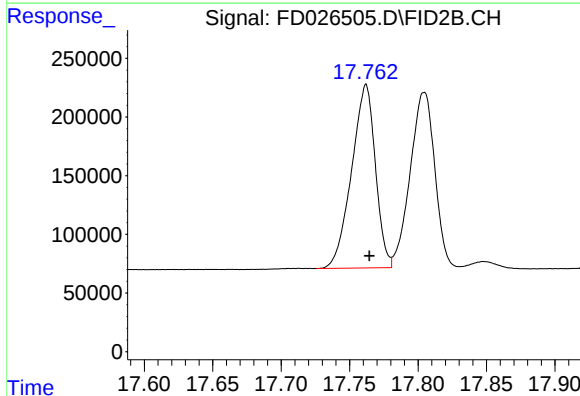
R.T.: 16.058 min
Delta R.T.: -0.001 min
Response: 1973595
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



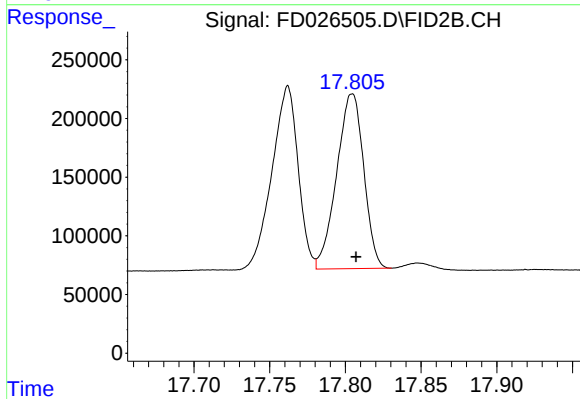
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.401 min
Delta R.T.: -0.002 min
Response: 1950120
Conc: 20.66 ug/ml



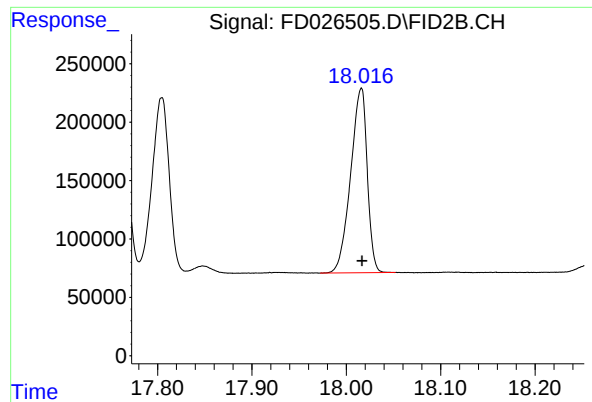
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.003 min
Response: 1888312
Conc: 19.66 ug/ml



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

R.T.: 17.804 min
Delta R.T.: -0.003 min
Response: 1853445
Conc: 19.75 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.001 min
Response: 1931430
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :