

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121720AR\
 Data File : FD035812.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 15:39
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 18 00:26:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.588	2336921	18.337 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
6) S 2-Fluorobiphenyl (SURR)	8.455	1472799	16.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.97%
11) S ortho-Terphenyl (SURR)	11.486	2620460	17.706 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2793934	19.293 ug/ml
2) T Naphthalene (C11.7)	5.928	2728802	18.144 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2660522	17.632 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2599986	17.763 ug/ml
7) T Acenaphthene (C15.5)	8.547	2763908	18.256 ug/ml
8) T Flouorene (C16.55)	9.331	2503466	17.441 ug/ml
9) T Phenanthrene (C19.36)	10.728	2396453	16.852 ug/ml
10) T Anthracene (C19.43)	10.805	2402257	16.792 ug/ml
12) T Fluoranthene (C21.85)	12.542	2385710	17.111 ug/ml
13) T Pyrene (C20.8)	12.838	2409581	17.792 ug/ml
14) T Benzo[a]anthracene (C...	14.713	4684398	40.280 ug/ml
16) T benzo[b]fluoranthene ...	16.268	4756261	43.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268f	4756261	42.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	2286055	23.183 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.026	4754088	49.149 ug/ml
20) T Dibenz[a,h]anthracene...	18.026f	4754088	46.083 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	2365118	23.885 ug/ml

(f)=RT Delta > 1/2 Window

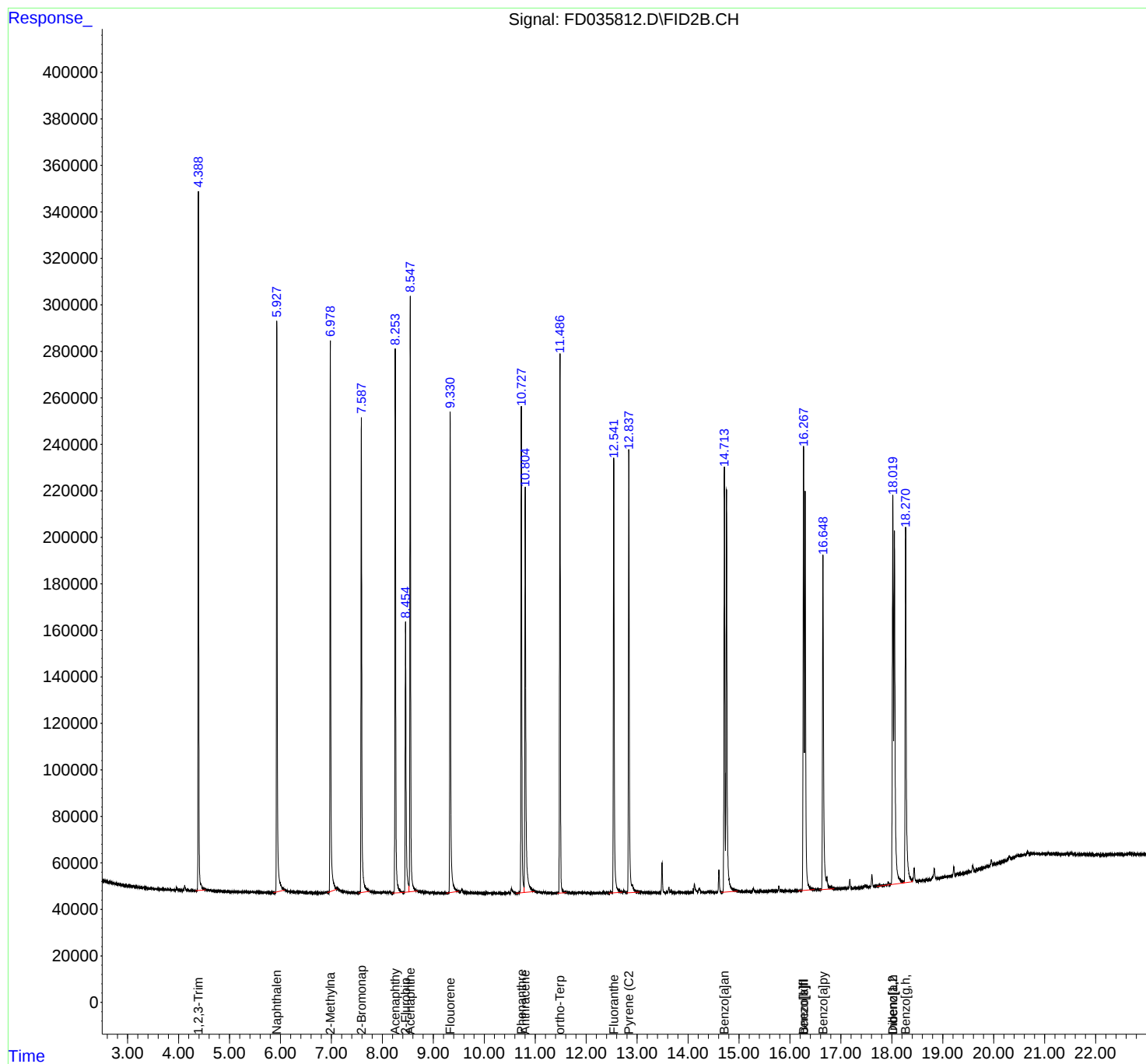
(m)=manual int.

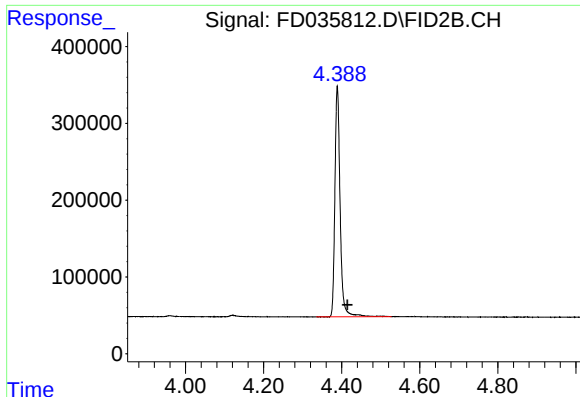
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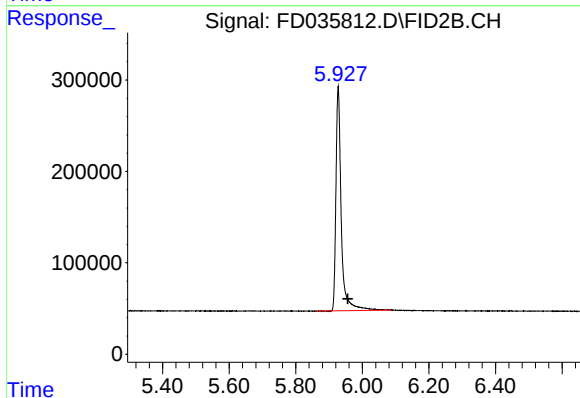




#1 1,2,3-Trimethylbenzene (C10.1)

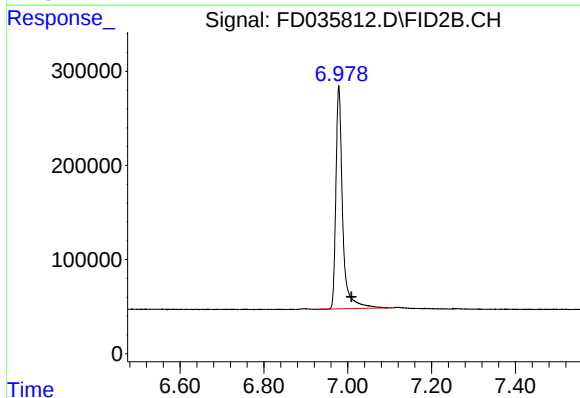
R.T.: 4.389 min
Delta R.T.: -0.026 min
Response: 2793934
Conc: 19.29 ug/ml

Instrument :
FID_D
ClientSampleId :



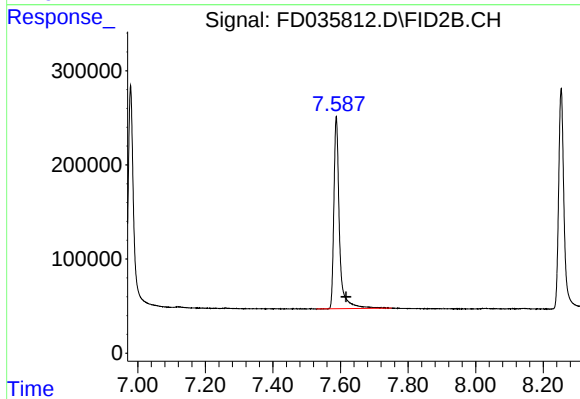
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.028 min
Response: 2728802
Conc: 18.14 ug/ml



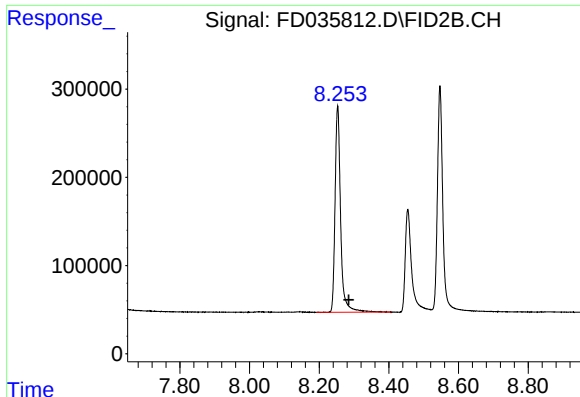
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.029 min
Response: 2660522
Conc: 17.63 ug/ml



#4 2-Bromonaphthalene (SURR)

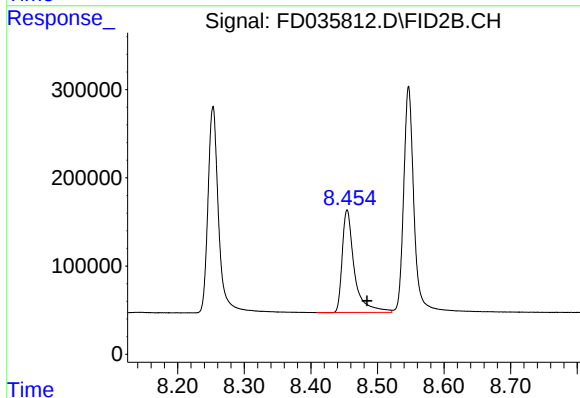
R.T.: 7.588 min
Delta R.T.: -0.029 min
Response: 2336921
Conc: 18.34 ug/ml



#5 Acenaphthylene (C15.06)

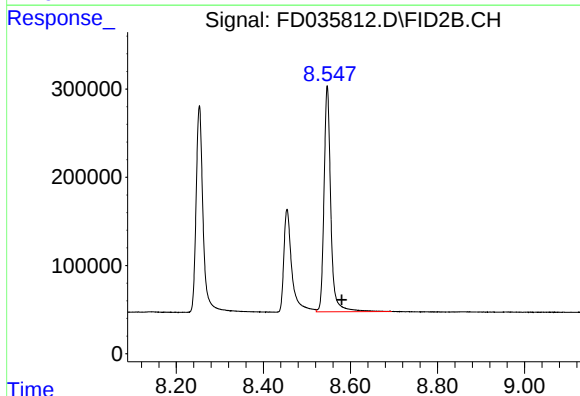
R.T.: 8.253 min
Delta R.T.: -0.032 min
Response: 2599986
Conc: 17.76 ug/ml

Instrument :
FID_D
ClientSampleId :



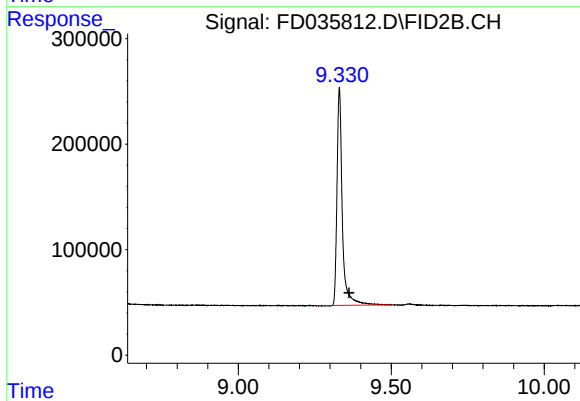
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.029 min
Response: 1472799
Conc: 16.99 ug/ml



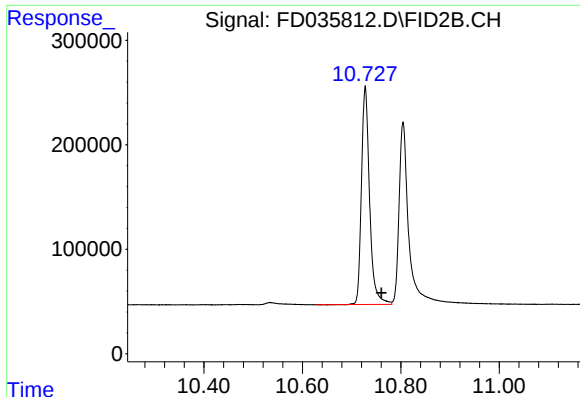
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.033 min
Response: 2763908
Conc: 18.26 ug/ml



#8 Flouorene (C16.55)

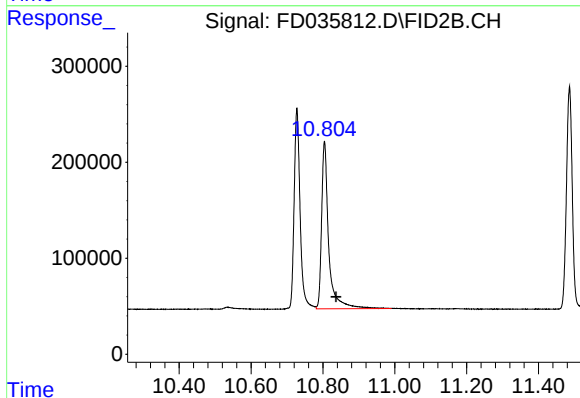
R.T.: 9.331 min
Delta R.T.: -0.032 min
Response: 2503466
Conc: 17.44 ug/ml



#9 Phenanthrene (C19.36)

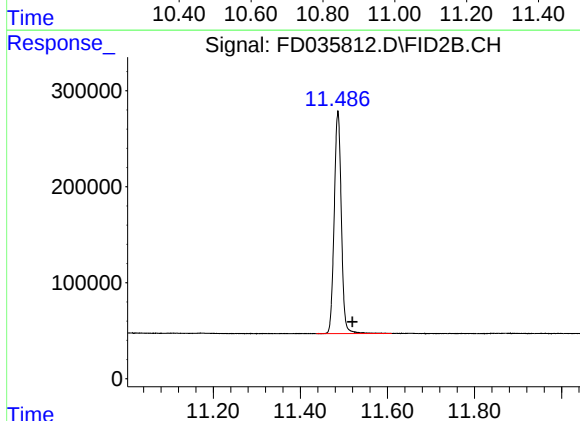
R.T.: 10.728 min
Delta R.T.: -0.033 min
Response: 2396453
Conc: 16.85 ug/ml

Instrument :
FID_D
ClientSampleId :



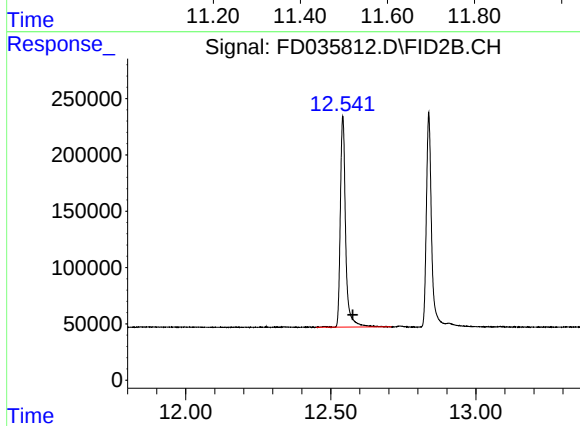
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.032 min
Response: 2402257
Conc: 16.79 ug/ml



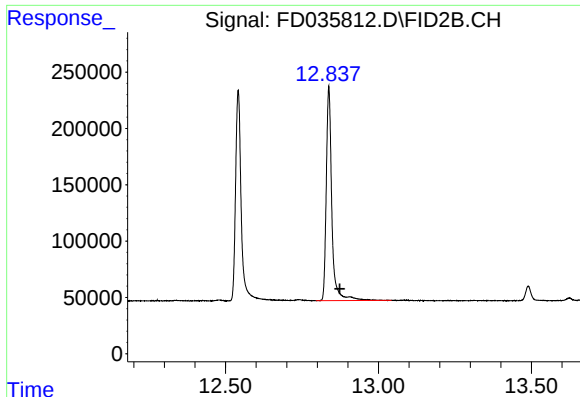
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: -0.033 min
Response: 2620460
Conc: 17.71 ug/ml



#12 Fluoranthene (C21.85)

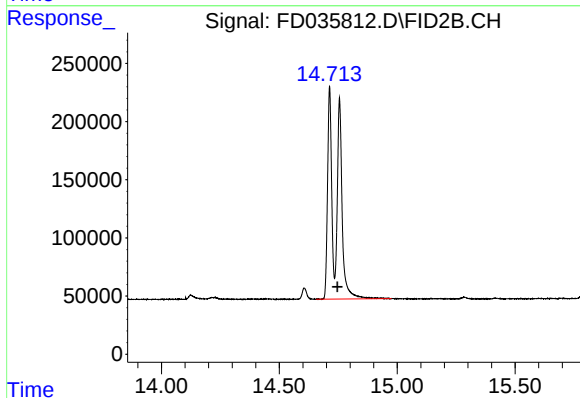
R.T.: 12.542 min
Delta R.T.: -0.034 min
Response: 2385710
Conc: 17.11 ug/ml



#13 Pyrene (C20.8)

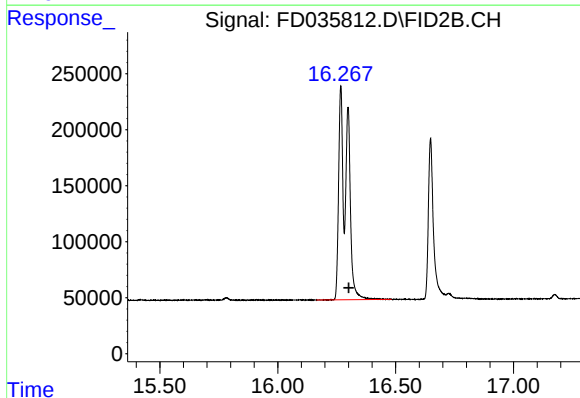
R.T.: 12.838 min
Delta R.T.: -0.036 min
Response: 2409581
Conc: 17.79 ug/ml

Instrument :
FID_D
ClientSampleId :



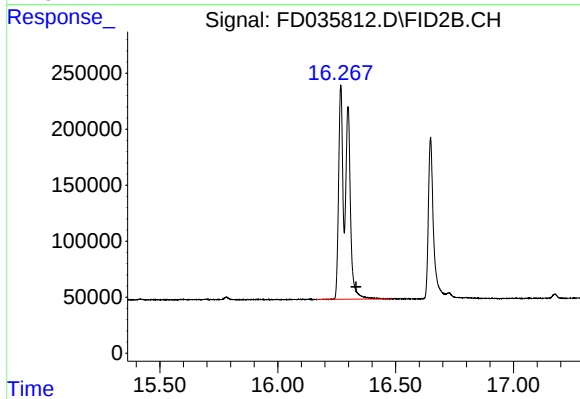
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.713 min
Delta R.T.: -0.034 min
Response: 4684398
Conc: 40.28 ug/ml



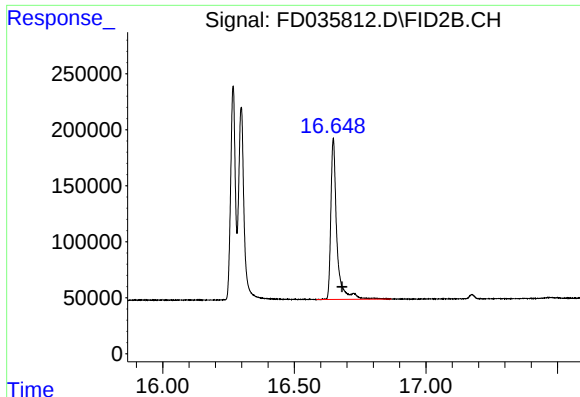
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.268 min
Delta R.T.: -0.034 min
Response: 4756261
Conc: 43.97 ug/ml



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

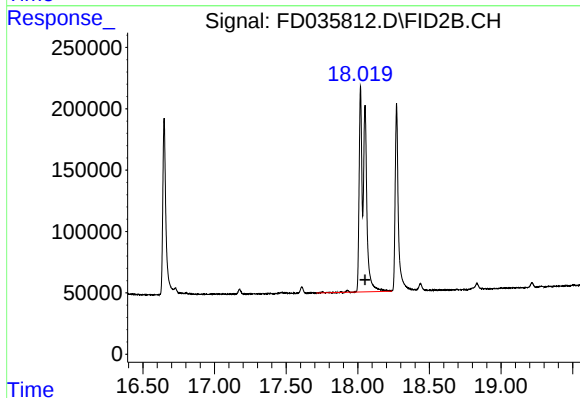
R.T.: 16.268 min
Delta R.T.: -0.065 min
Response: 4756261
Conc: 42.86 ug/ml



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

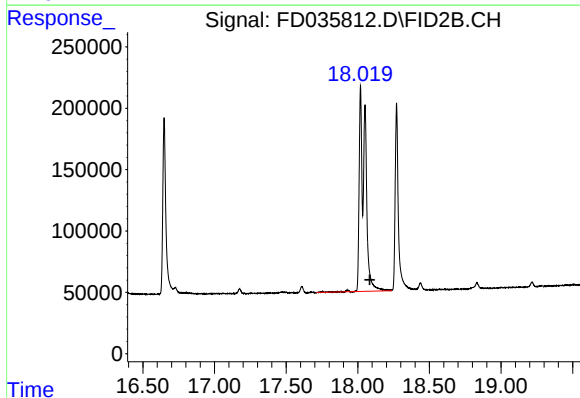
R.T.: 16.650 min
Delta R.T.: -0.032 min
Response: 2286055
Conc: 23.18 ug/ml

Instrument :
FID_D
ClientSampleId :



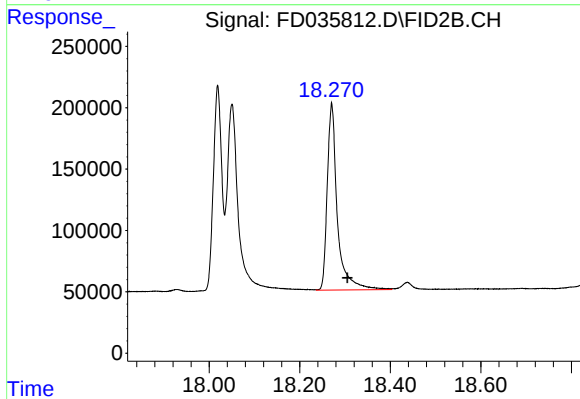
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.026 min
Delta R.T.: -0.025 min
Response: 4754088
Conc: 49.15 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.059 min
Response: 4754088
Conc: 46.08 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.034 min
Response: 2365118
Conc: 23.88 ug/ml