

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121720AR\
 Data File : FD035806.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 11:52
 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 00:24:09 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...	7.589	2370624	18.601 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
6) S 2-Fluorobiphenyl (SURR)	8.455	1511704	17.435 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.87%
11) S ortho-Terphenyl (SURR)	11.487	2655744	17.945 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2841966	19.625 ug/ml
2) T Naphthalene (C11.7)	5.930	2798828	18.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	2707818	17.945 ug/ml
5) T Acenaphthylene (C15.06)	8.254	2629559	17.965 ug/ml
7) T Acenaphthene (C15.5)	8.548	2808580	18.551 ug/ml
8) T Flouorene (C16.55)	9.331	2553331	17.789 ug/ml
9) T Phenanthrene (C19.36)	10.729	2441216	17.167 ug/ml
10) T Anthracene (C19.43)	10.805	2446338	17.100 ug/ml
12) T Fluoranthene (C21.85)	12.542	2401425	17.224 ug/ml
13) T Pyrene (C20.8)	12.838	2393398	17.672 ug/ml
14) T Benzo[a]anthracene (C...	14.756	2478521	21.312 ug/ml
15) T Chrysene (C27.41)	14.756	2478521	19.389 ug/ml
16) T benzo[b]fluoranthene ...	16.268	4766827	44.068 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268f	4766827	42.958 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2232407	22.639 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	4761531	49.226 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	4761531	46.155 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	2338412	23.615 ug/ml

(f)=RT Delta > 1/2 Window

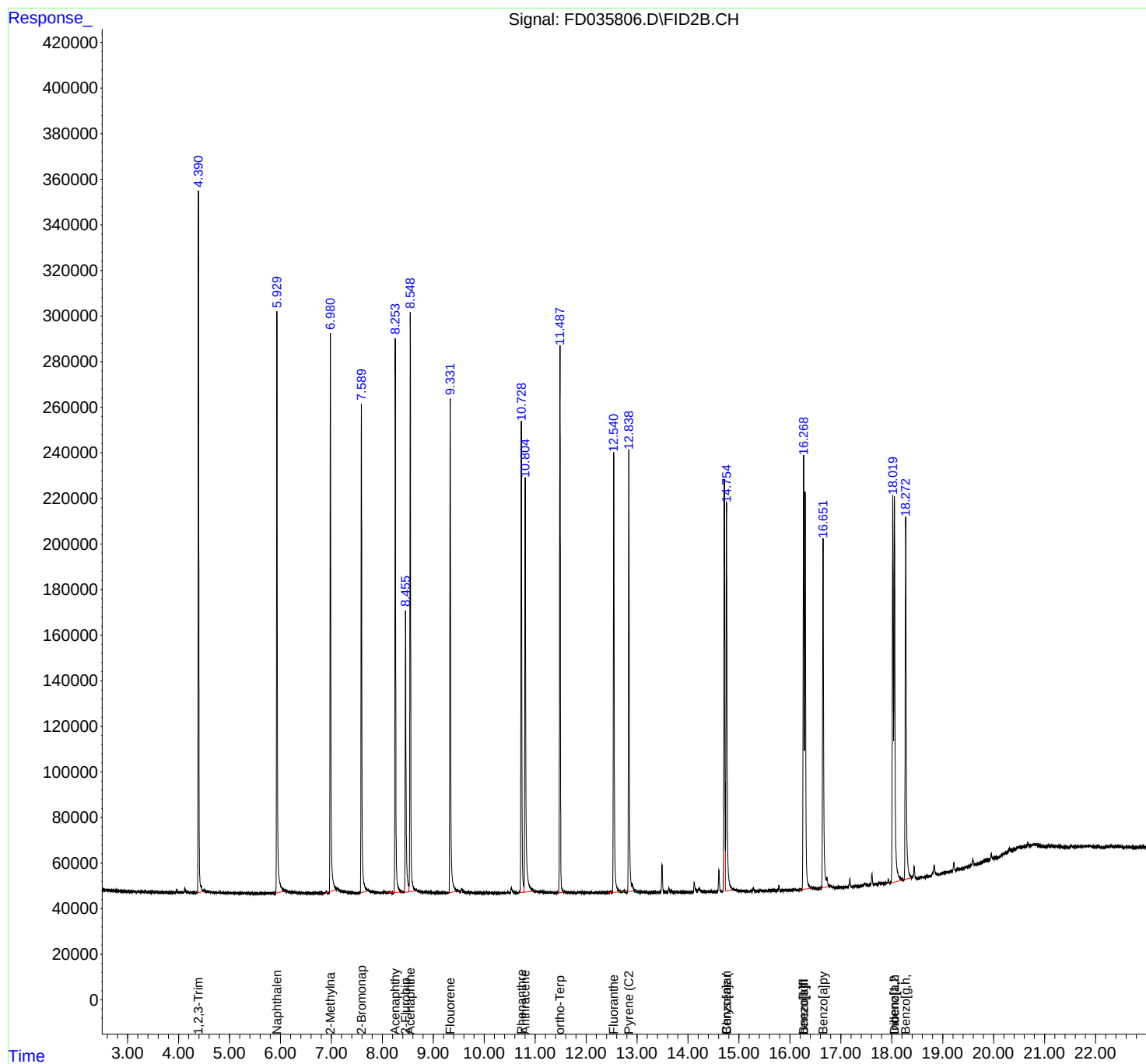
(m)=manual int.

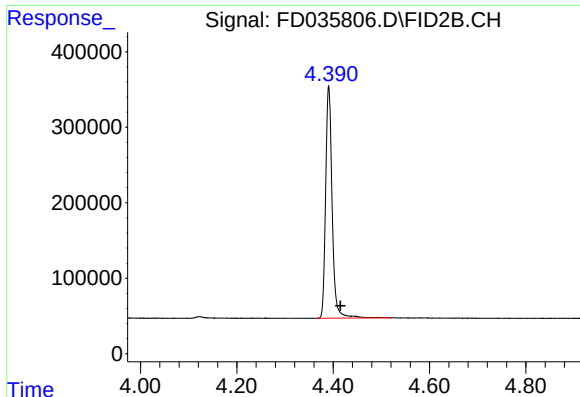
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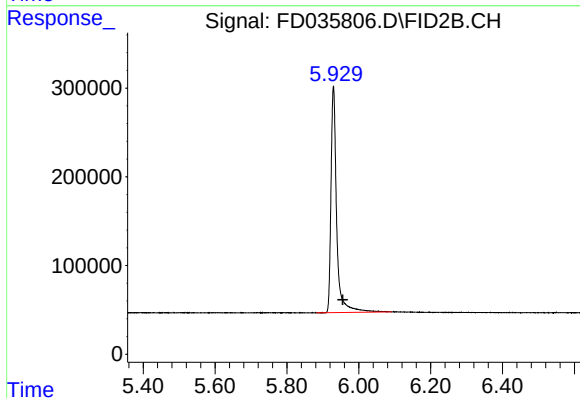




#1 1,2,3-Trimethylbenzene (C10.1)

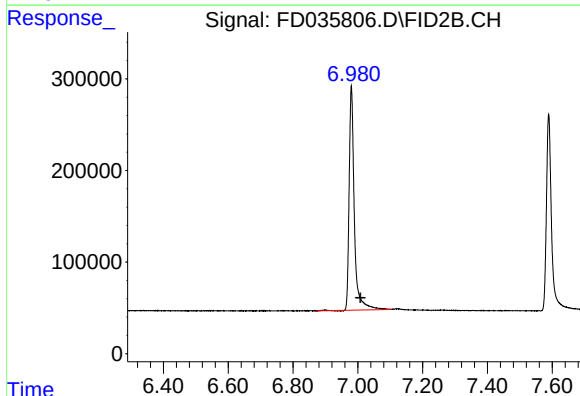
R.T.: 4.391 min
Delta R.T.: -0.024 min
Response: 2841966
Conc: 19.62 ug/ml

Instrument :
FID_D
ClientSampleId :



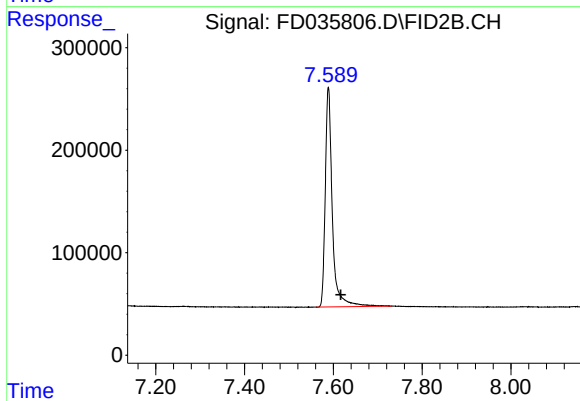
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.026 min
Response: 2798828
Conc: 18.61 ug/ml



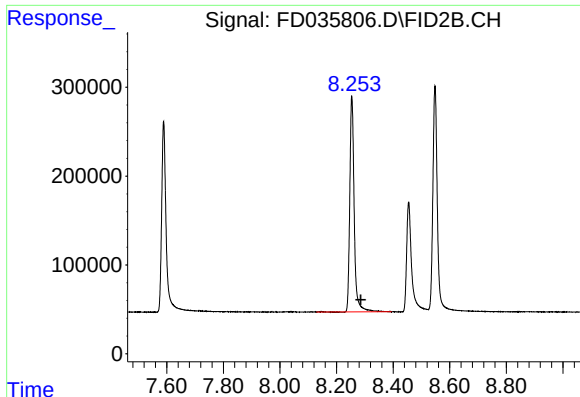
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.028 min
Response: 2707818
Conc: 17.95 ug/ml



#4 2-Bromonaphthalene (SURR)

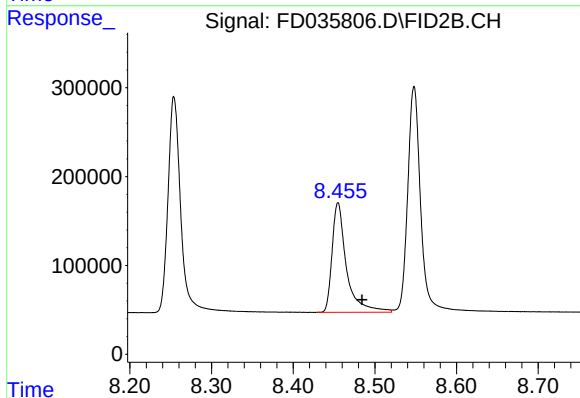
R.T.: 7.589 min
Delta R.T.: -0.027 min
Response: 2370624
Conc: 18.60 ug/ml



#5 Acenaphthylene (C15.06)

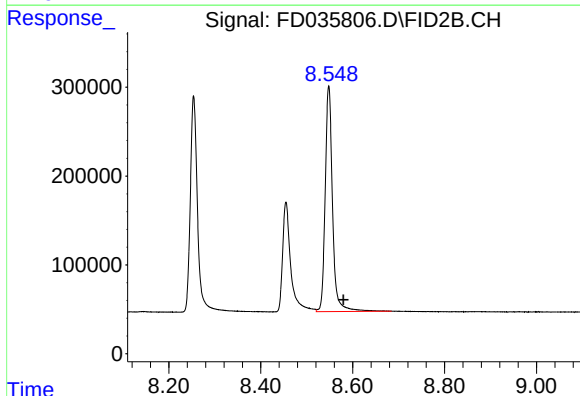
R.T.: 8.254 min
Delta R.T.: -0.031 min
Response: 2629559
Conc: 17.96 ug/ml

Instrument :
FID_D
ClientSampleId :



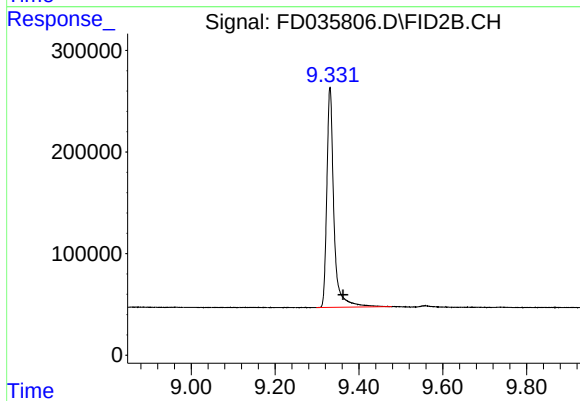
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.029 min
Response: 1511704
Conc: 17.44 ug/ml



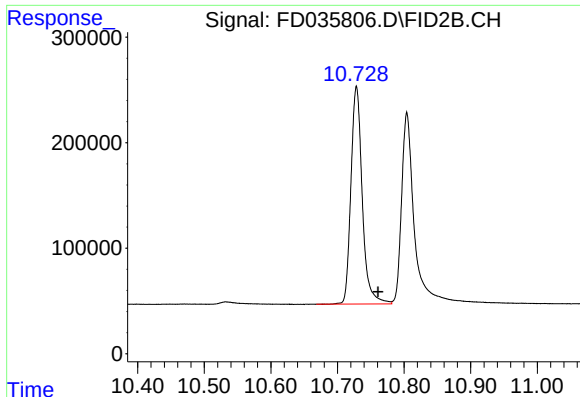
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.032 min
Response: 2808580
Conc: 18.55 ug/ml



#8 Fluorene (C16.55)

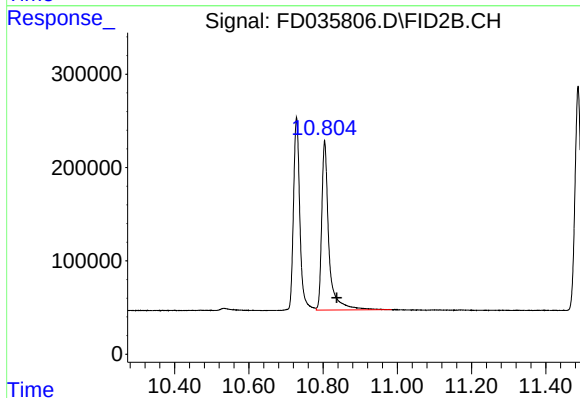
R.T.: 9.331 min
Delta R.T.: -0.031 min
Response: 2553331
Conc: 17.79 ug/ml



#9 Phenanthrene (C19.36)

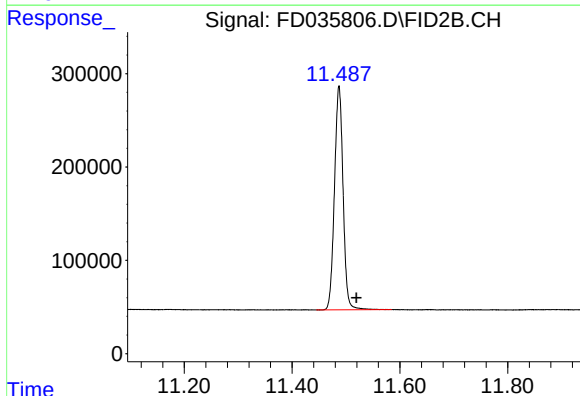
R.T.: 10.729 min
Delta R.T.: -0.032 min
Response: 2441216
Conc: 17.17 ug/ml

Instrument :
FID_D
ClientSampleId :



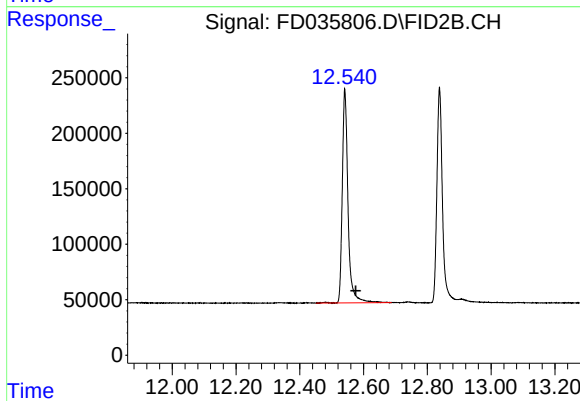
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.032 min
Response: 2446338
Conc: 17.10 ug/ml



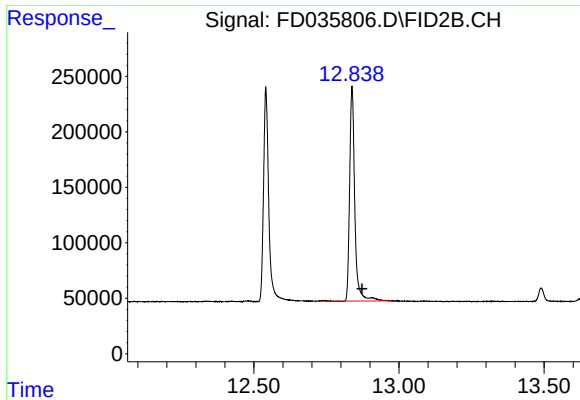
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.032 min
Response: 2655744
Conc: 17.94 ug/ml



#12 Fluoranthene (C21.85)

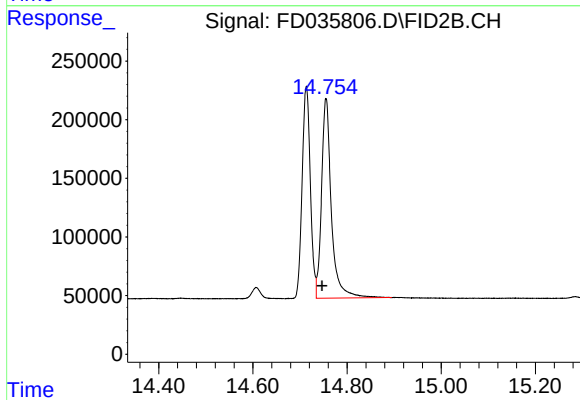
R.T.: 12.542 min
Delta R.T.: -0.034 min
Response: 2401425
Conc: 17.22 ug/ml



#13 Pyrene (C20.8)

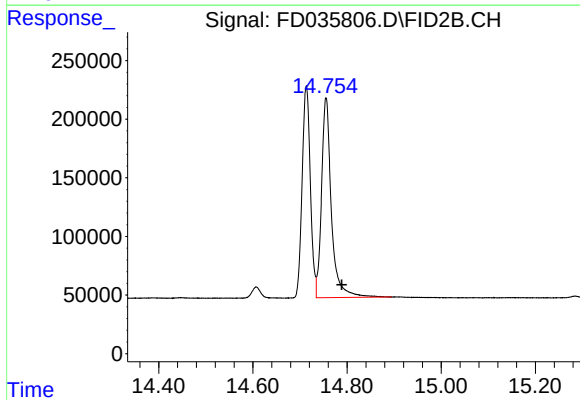
R.T.: 12.838 min
Delta R.T.: -0.035 min
Response: 2393398
Conc: 17.67 ug/ml

Instrument :
FID_D
ClientSampleId :



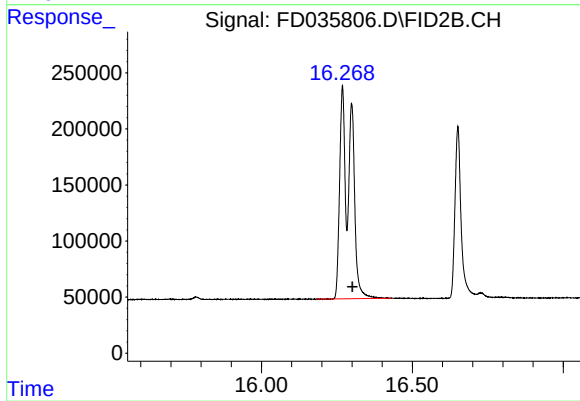
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: 0.008 min
Response: 2478521
Conc: 21.31 ug/ml



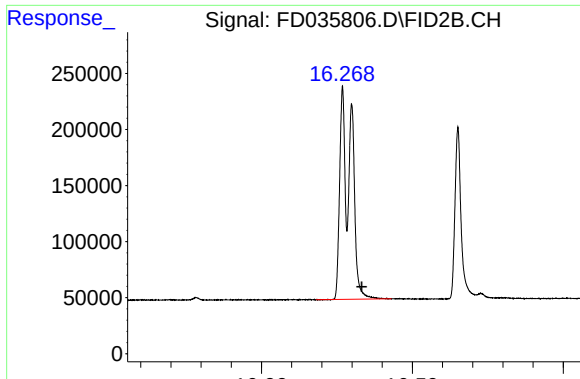
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.034 min
Response: 2478521
Conc: 19.39 ug/ml



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

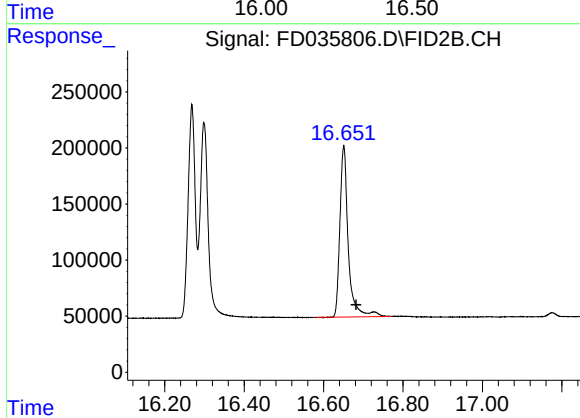
R.T.: 16.268 min
Delta R.T.: -0.033 min
Response: 4766827
Conc: 44.07 ug/ml



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

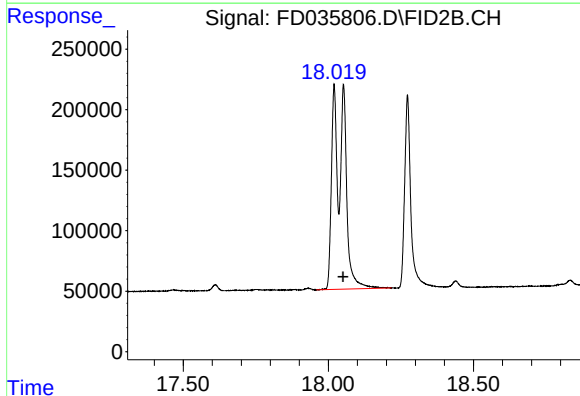
R.T.: 16.268 min
Delta R.T.: -0.064 min
Response: 4766827
Conc: 42.96 ug/ml

Instrument :
FID_D
ClientSampleId :



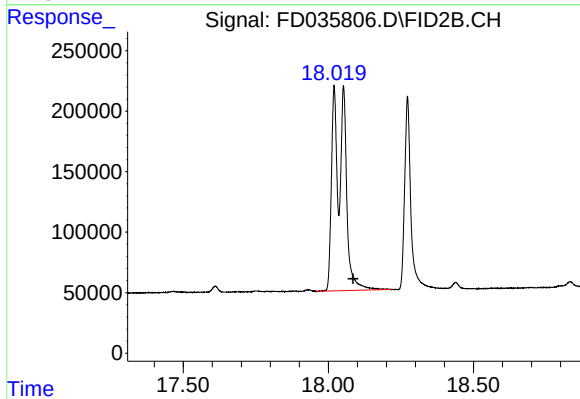
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.031 min
Response: 2232407
Conc: 22.64 ug/ml



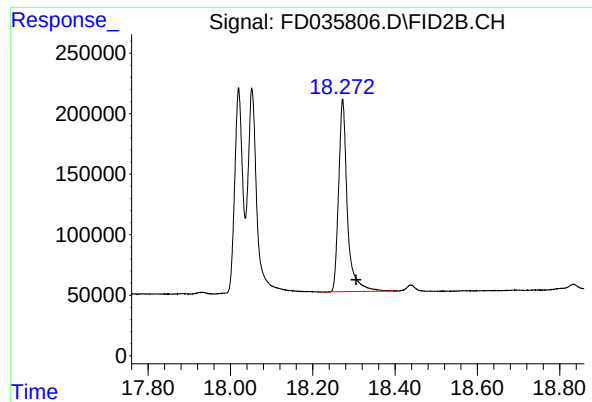
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 4761531
Conc: 49.23 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.032 min
Response: 4761531
Conc: 46.15 ug/ml



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

R.T.: 18.273 min
Delta R.T.: -0.032 min
Response: 2338412
Conc: 23.62 ug/ml

Instrument :
FID_D
ClientSampleId :