

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AR\
 Data File : FD035224.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 4:02
 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: Oct 30 05:01:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.644	2475168	21.473 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
6) S 2-Fluorobiphenyl (SURR)	8.509	1657385	20.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.70%
11) S ortho-Terphenyl (SURR)	11.548	2720493	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	2772047	21.315 ug/ml
2) T Naphthalene (C11.7)	5.981	2880652	21.182 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	2870647	21.064 ug/ml
5) T Acenaphthylene (C15.06)	8.310	2689327	20.222 ug/ml
7) T Acenaphthene (C15.5)	8.606	2838843	20.985 ug/ml
8) T Fluorene (C16.55)	9.387	2694932	20.773 ug/ml
9) T Phenanthrene (C19.36)	10.784	2582356	20.375 ug/ml
10) T Anthracene (C19.43)	10.859	2509745	19.637 ug/ml
12) T Fluoranthene (C21.85)	12.597	2505985	20.116 ug/ml
13) T Pyrene (C20.8)	12.894	2345699	19.193 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2100364	19.814 ug/ml
15) T Chrysene (C27.41)	14.807	2289527	19.566 ug/ml
16) T benzo[b]fluoranthene ...	16.316	2080804	20.274 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	2104866	20.071 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	1898836	20.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.062	1949350	21.980 ug/ml
20) T Dibenz[a,h]anthracene...	18.098	2149972	21.205 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	2078011	21.747 ug/ml

(f)=RT Delta > 1/2 Window

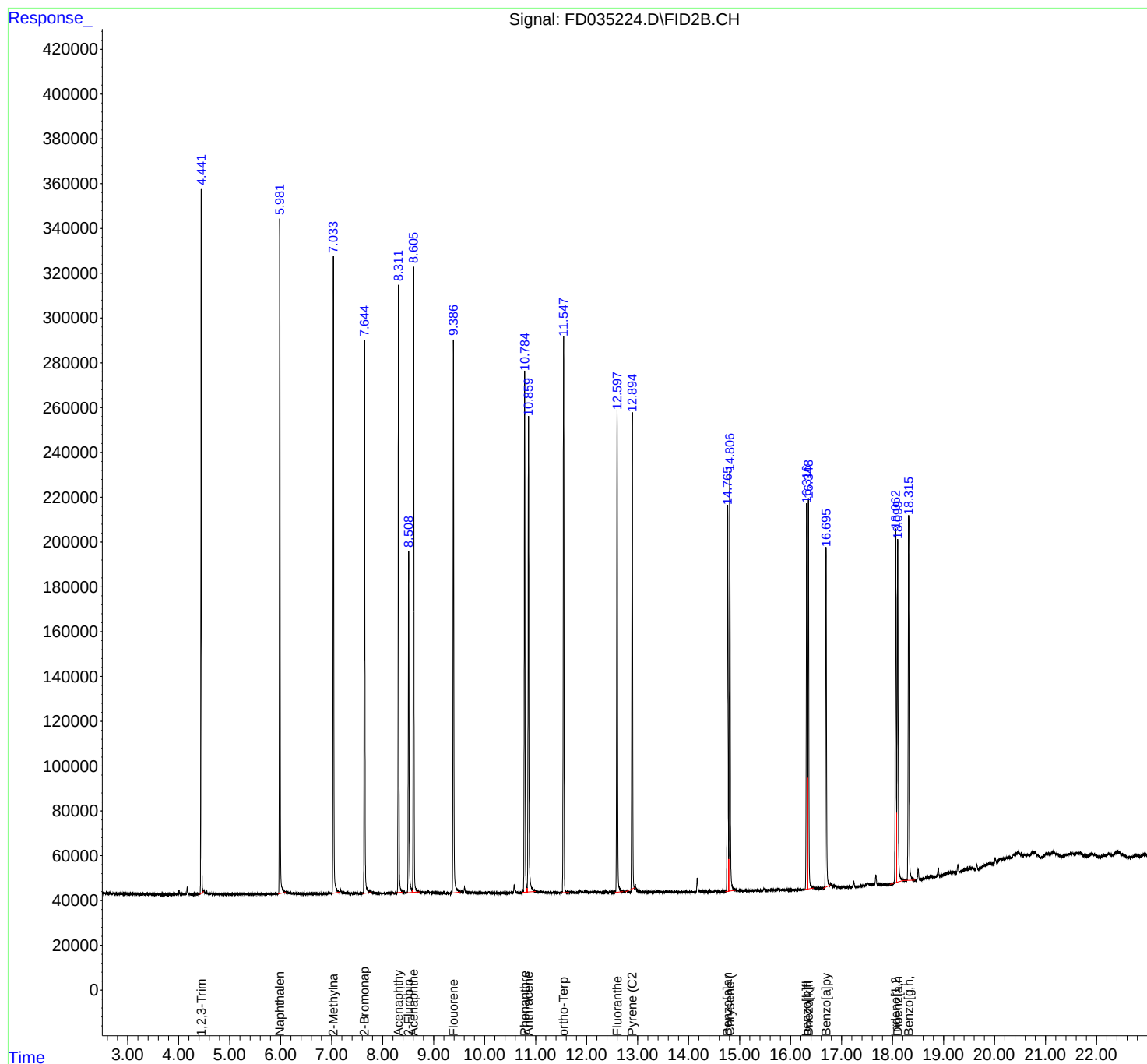
(m)=manual int.

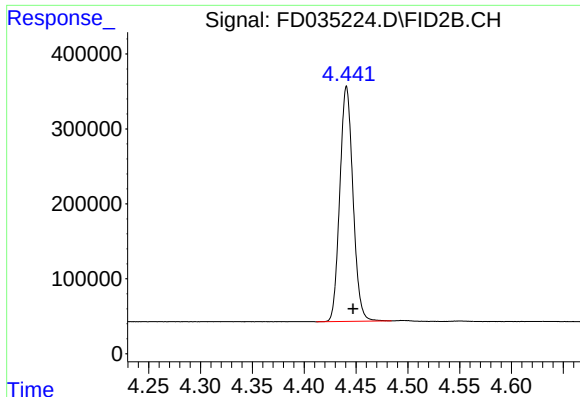
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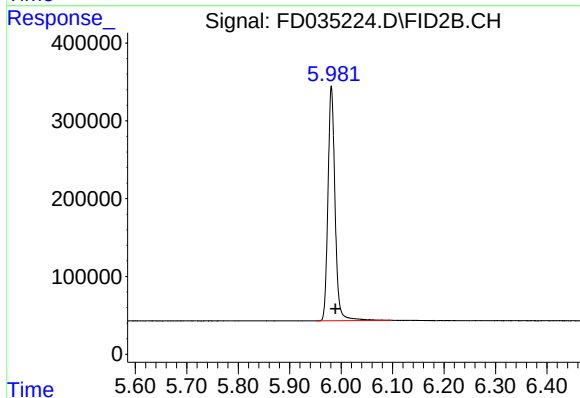




#1 1,2,3-Trimethylbenzene (C10.1)

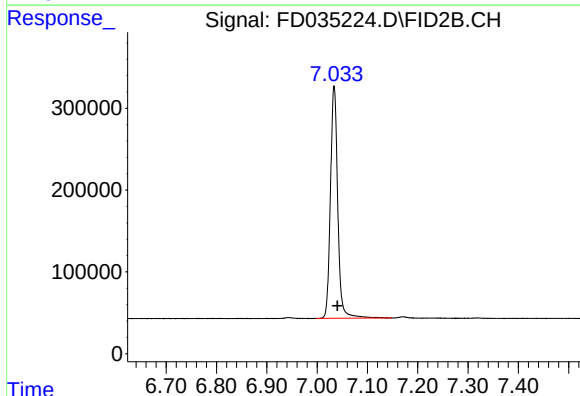
R.T.: 4.441 min
Delta R.T.: -0.006 min
Response: 2772047
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



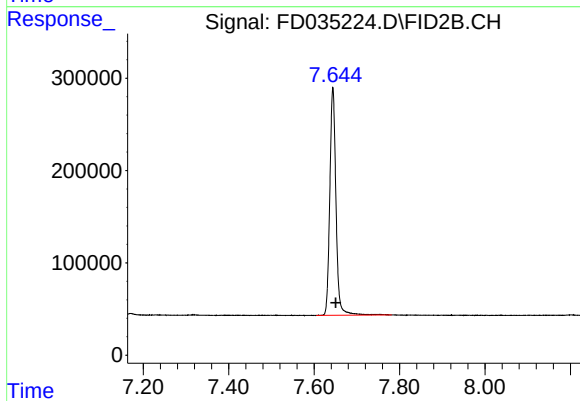
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.007 min
Response: 2880652
Conc: 21.18 ug/ml



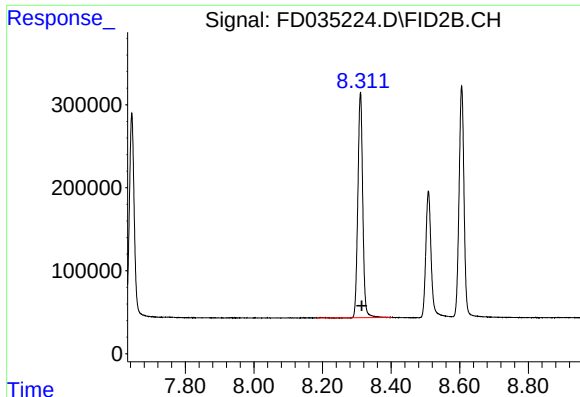
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 2870647
Conc: 21.06 ug/ml



#4 2-Bromonaphthalene (SURR)

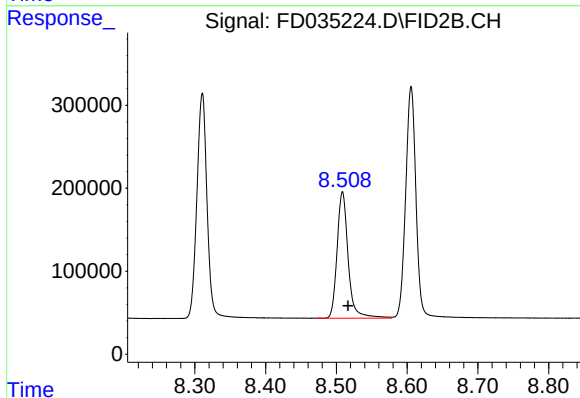
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 2475168
Conc: 21.47 ug/ml



#5 Acenaphthylene (C15.06)

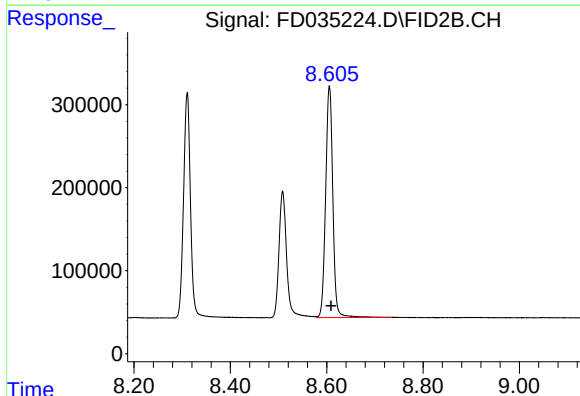
R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 2689327
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :



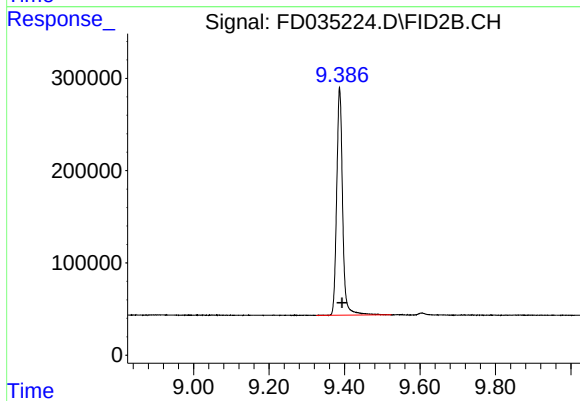
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.008 min
Response: 1657385
Conc: 20.85 ug/ml



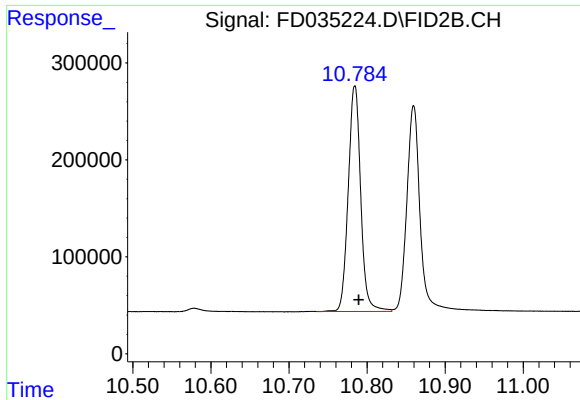
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 2838843
Conc: 20.98 ug/ml



#8 Fluorene (C16.55)

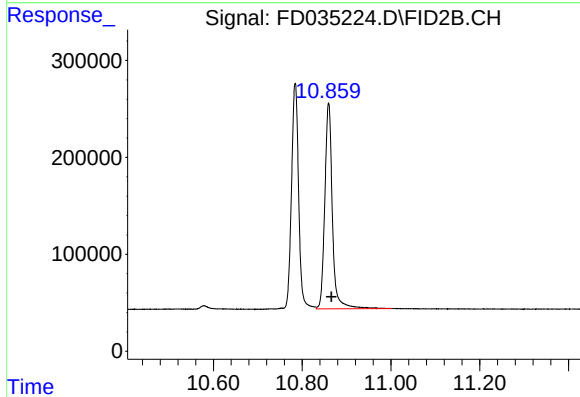
R.T.: 9.387 min
Delta R.T.: -0.007 min
Response: 2694932
Conc: 20.77 ug/ml



#9 Phenanthrene (C19.36)

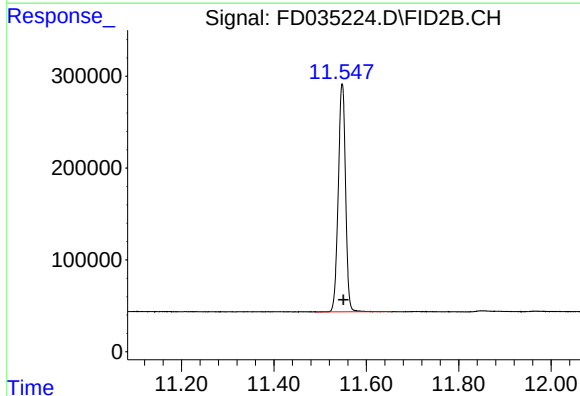
R.T.: 10.784 min
Delta R.T.: -0.005 min
Response: 2582356
Conc: 20.37 ug/ml

Instrument :
FID_D
ClientSampleId :



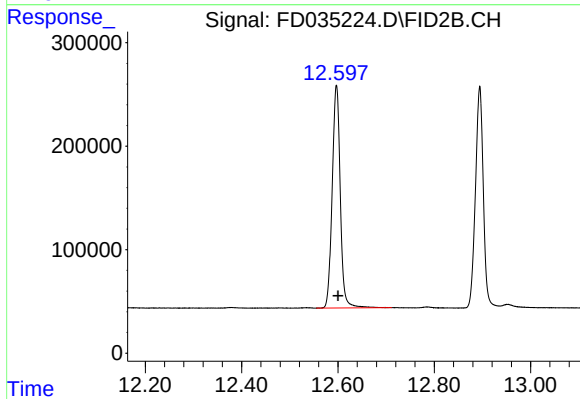
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.006 min
Response: 2509745
Conc: 19.64 ug/ml



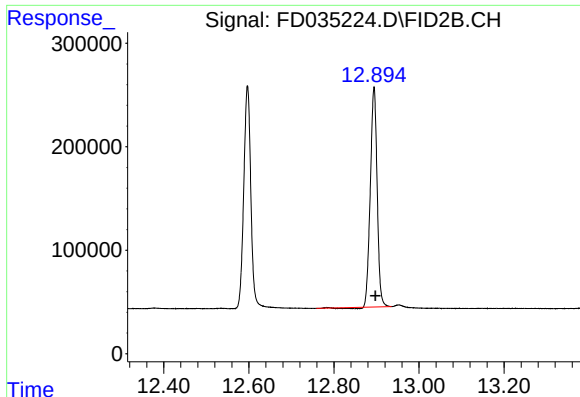
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.003 min
Response: 2720493
Conc: 20.64 ug/ml



#12 Fluoranthene (C21.85)

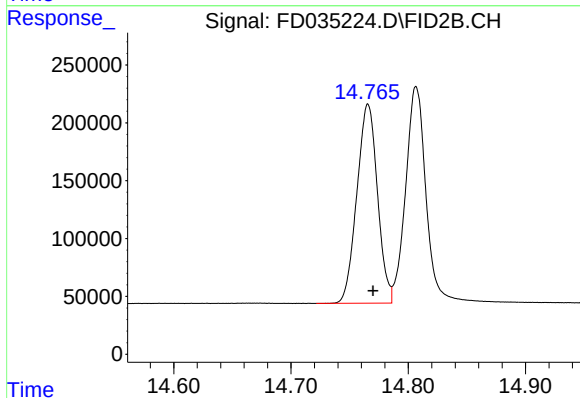
R.T.: 12.597 min
Delta R.T.: -0.004 min
Response: 2505985
Conc: 20.12 ug/ml



#13 Pyrene (C20.8)

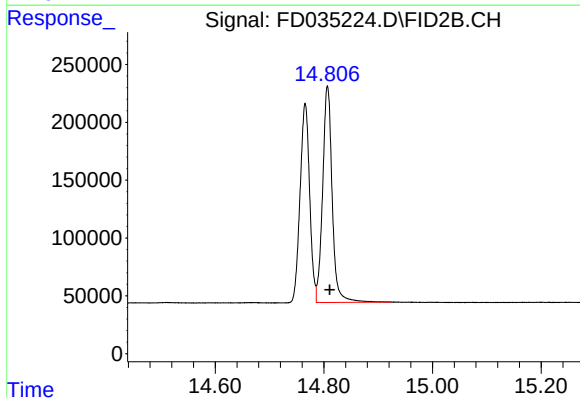
R.T.: 12.894 min
Delta R.T.: -0.003 min
Response: 2345699
Conc: 19.19 ug/ml

Instrument :
FID_D
ClientSampleId :



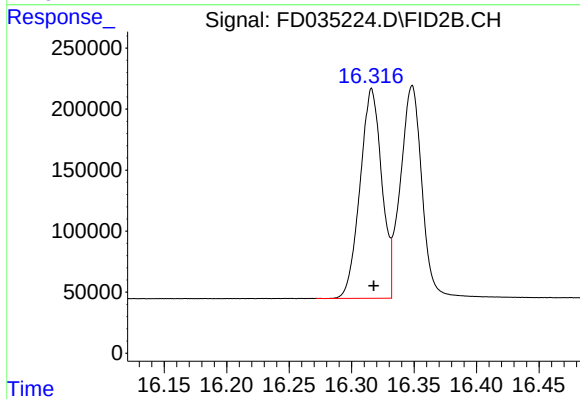
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: -0.004 min
Response: 2100364
Conc: 19.81 ug/ml



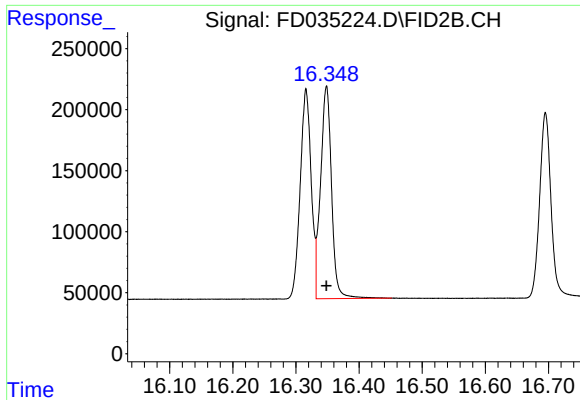
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.004 min
Response: 2289527
Conc: 19.57 ug/ml



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

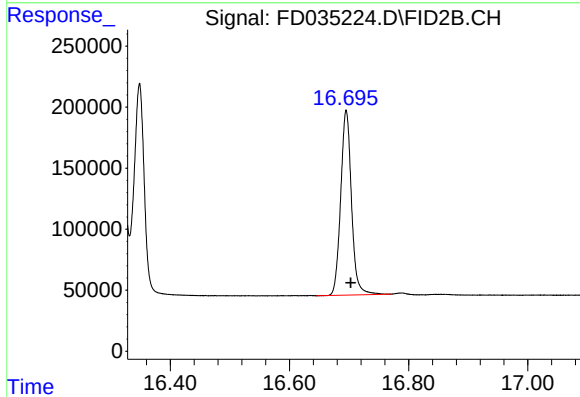
R.T.: 16.316 min
Delta R.T.: -0.002 min
Response: 2080804
Conc: 20.27 ug/ml



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

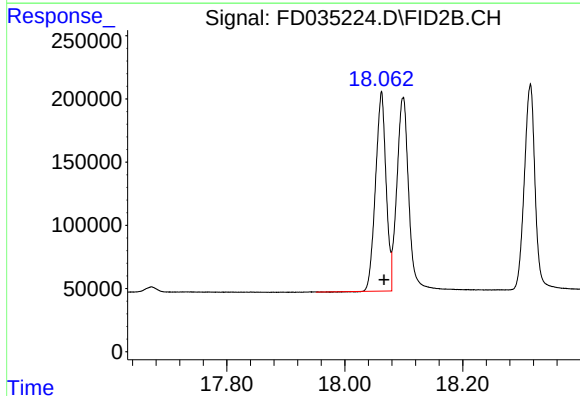
R.T.: 16.348 min
Delta R.T.: 0.000 min
Response: 2104866
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :



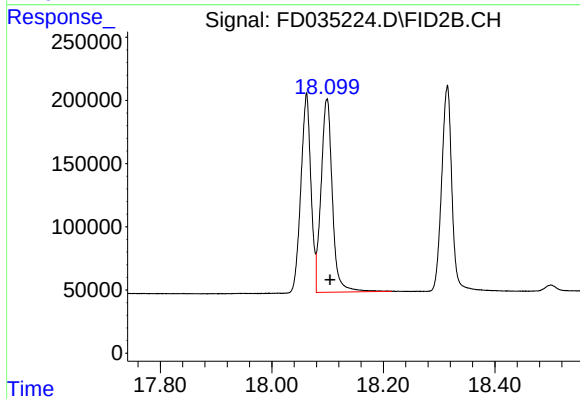
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.008 min
Response: 1898836
Conc: 20.05 ug/ml



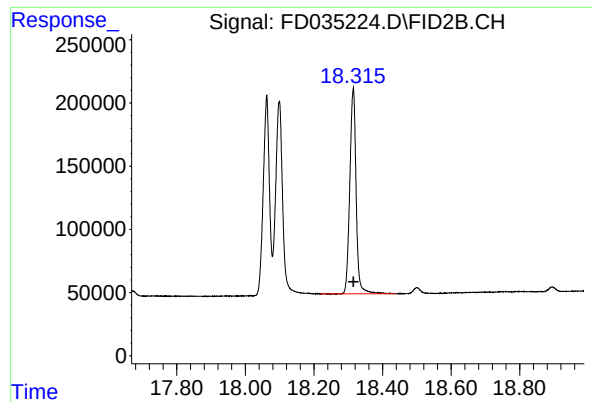
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.062 min
Delta R.T.: -0.005 min
Response: 1949350
Conc: 21.98 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.006 min
Response: 2149972
Conc: 21.21 ug/ml



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

R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 2078011
Conc: 21.75 ug/ml

Instrument :
FID_D
ClientSampleId :