

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035797.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 3:22
 Operator : DD\AJ
 Sample : L5036-07MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 06:45:15 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...	7.592	6109893	47.942 ug/ml
Spiked Amount 50.000		Recovery =	95.88%
6) S 2-Fluorobiphenyl (SURR)	8.459	3939595	45.438 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.88%
11) S ortho-Terphenyl (SURR)	11.490	3111156	21.022 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	4041626	27.909 ug/ml
2) T Naphthalene (C11.7)	5.931	4511622	29.998 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	4916756	32.584 ug/ml
5) T Acenaphthylene (C15.06)	8.258	5262268	35.951 ug/ml
7) T Acenaphthene (C15.5)	8.554	5396137	35.643 ug/ml
8) T Flouorene (C16.55)	9.336	5339452	37.199 ug/ml
9) T Phenanthrene (C19.36)	10.733	5303271	37.293 ug/ml
10) T Anthracene (C19.43)	10.810	5405581	37.785 ug/ml
12) T Fluoranthene (C21.85)	12.547	5202546	37.315 ug/ml
13) T Pyrene (C20.8)	12.844	5095167	37.621 ug/ml
14) T Benzo[a]anthracene (C...	14.762	5439794	46.776 ug/ml
15) T Chrysene (C27.41)	14.762	5439794	42.554 ug/ml
16) T benzo[b]fluoranthene ...	16.307	4870794	45.029 ug/ml
17) T Bnezo[k]fluoranthene ...	16.307	4870794	43.895 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	4887833	49.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	9617180	99.425 ug/ml
20) T Dibenz[a,h]anthracene...	18.027f	9617180	93.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.281	4761505	48.085 ug/ml

(f)=RT Delta > 1/2 Window

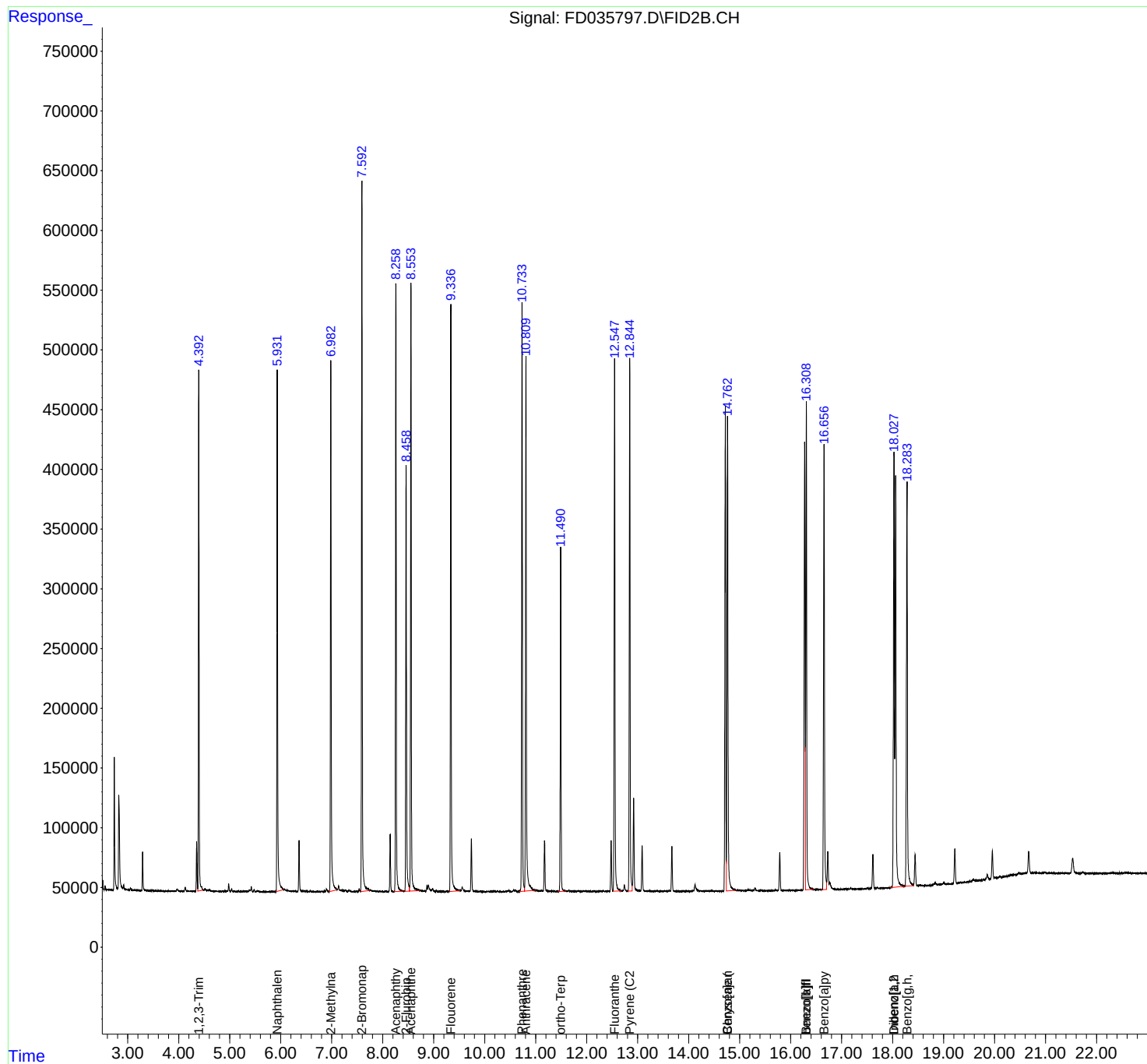
(m)=manual int.

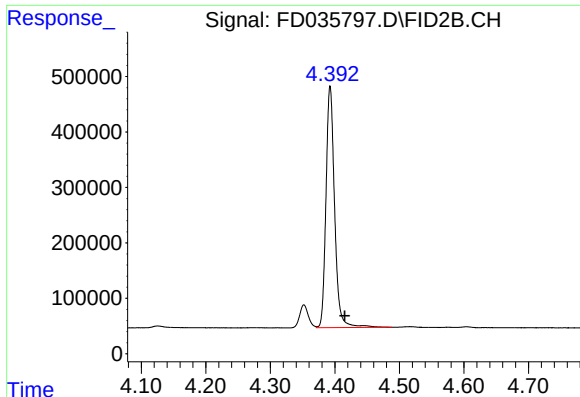
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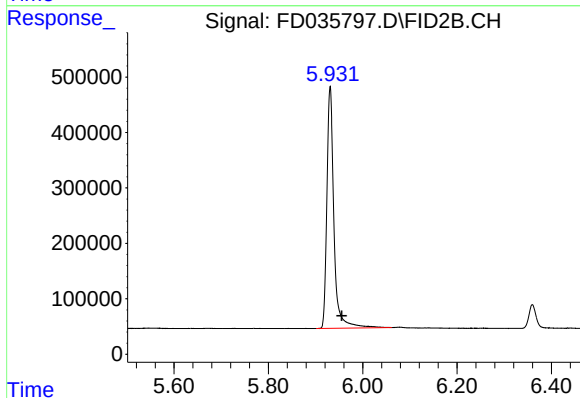




#1 1,2,3-Trimethylbenzene (C10.1)

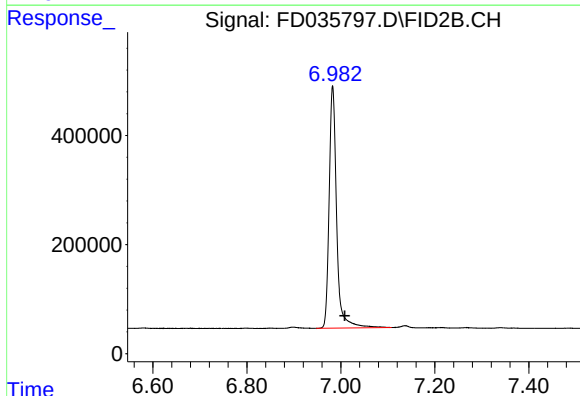
R.T.: 4.393 min
Delta R.T.: -0.022 min
Response: 4041626
Conc: 27.91 ug/ml

Instrument :
FID_D
ClientSampleId :



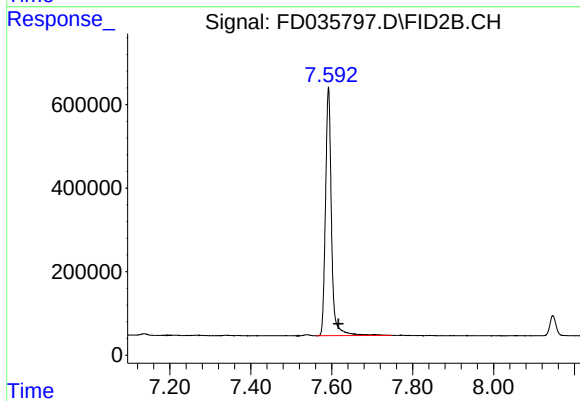
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.025 min
Response: 4511622
Conc: 30.00 ug/ml



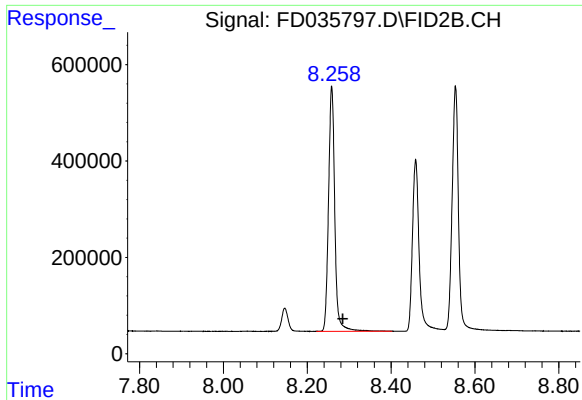
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: -0.026 min
Response: 4916756
Conc: 32.58 ug/ml



#4 2-Bromonaphthalene (SURR)

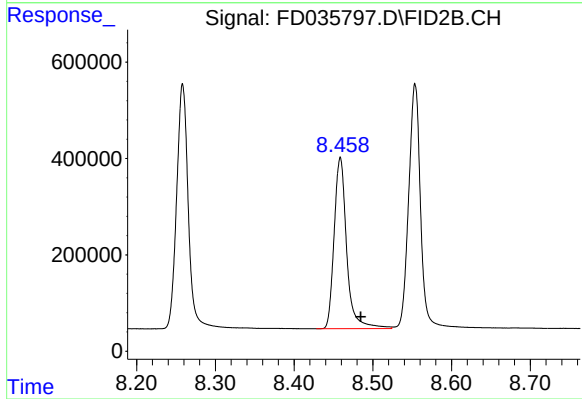
R.T.: 7.592 min
Delta R.T.: -0.024 min
Response: 6109893
Conc: 47.94 ug/ml



#5 Acenaphthylene (C15.06)

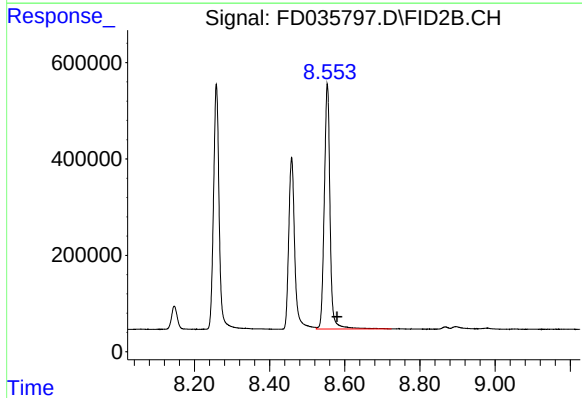
R.T.: 8.258 min
Delta R.T.: -0.027 min
Response: 5262268
Conc: 35.95 ug/ml

Instrument :
FID_D
ClientSampleId :



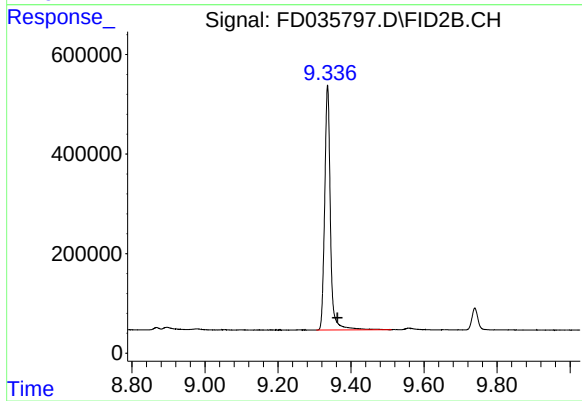
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.026 min
Response: 3939595
Conc: 45.44 ug/ml



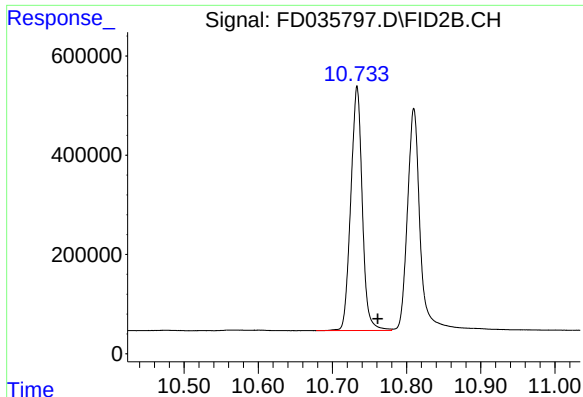
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: -0.026 min
Response: 5396137
Conc: 35.64 ug/ml



#8 Flouorene (C16.55)

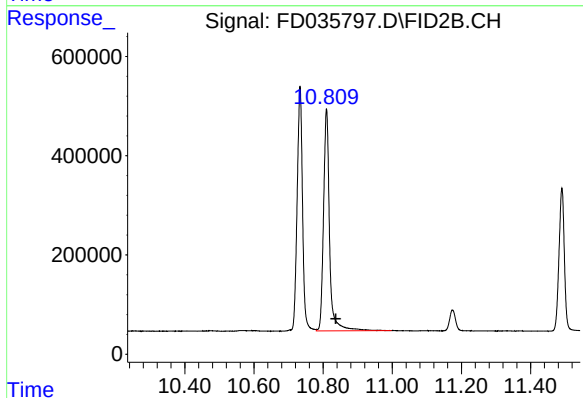
R.T.: 9.336 min
Delta R.T.: -0.027 min
Response: 5339452
Conc: 37.20 ug/ml



#9 Phenanthrene (C19.36)

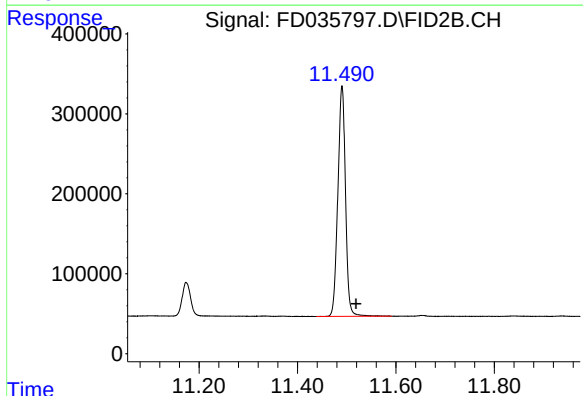
R.T.: 10.733 min
Delta R.T.: -0.028 min
Response: 5303271
Conc: 37.29 ug/ml

Instrument :
FID_D
ClientSampleId :



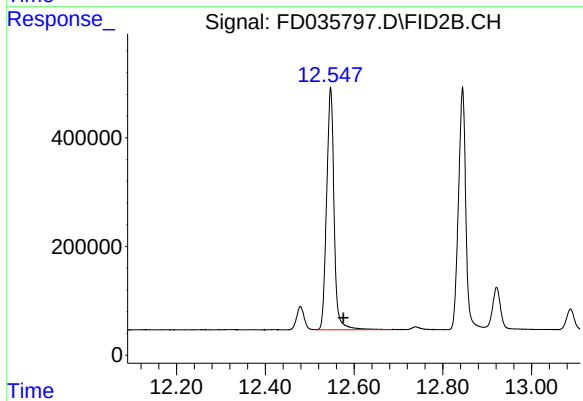
#10 Anthracene (C19.43)

R.T.: 10.810 min
Delta R.T.: -0.027 min
Response: 5405581
Conc: 37.78 ug/ml



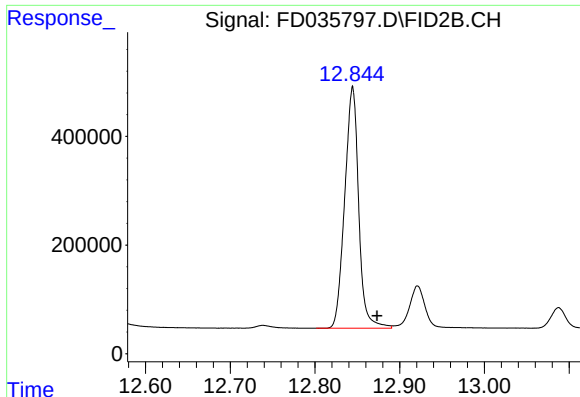
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.029 min
Response: 3111156
Conc: 21.02 ug/ml



#12 Fluoranthene (C21.85)

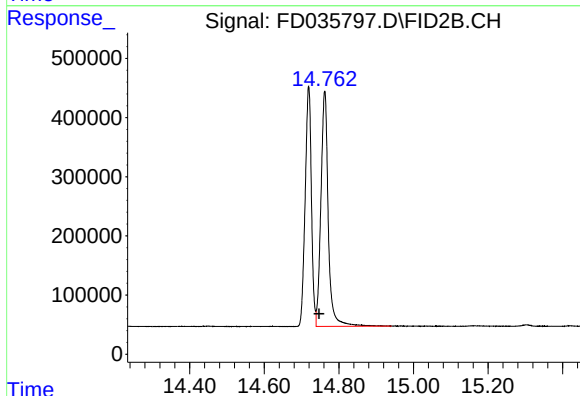
R.T.: 12.547 min
Delta R.T.: -0.029 min
Response: 5202546
Conc: 37.31 ug/ml



#13 Pyrene (C20.8)

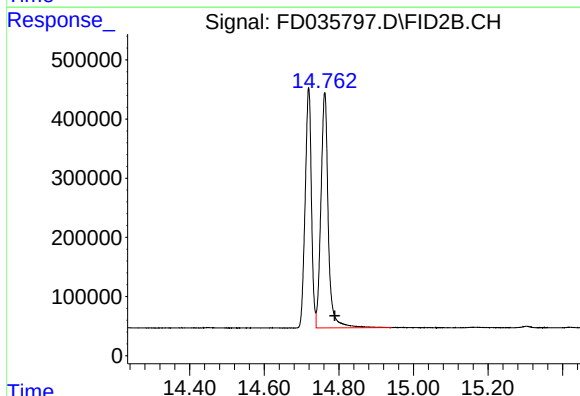
R.T.: 12.844 min
Delta R.T.: -0.030 min
Response: 5095167
Conc: 37.62 ug/ml

Instrument :
FID_D
ClientSampleId :



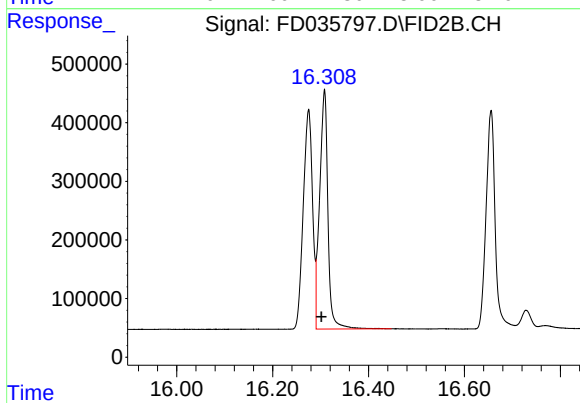
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: 0.014 min
Response: 5439794
Conc: 46.78 ug/ml



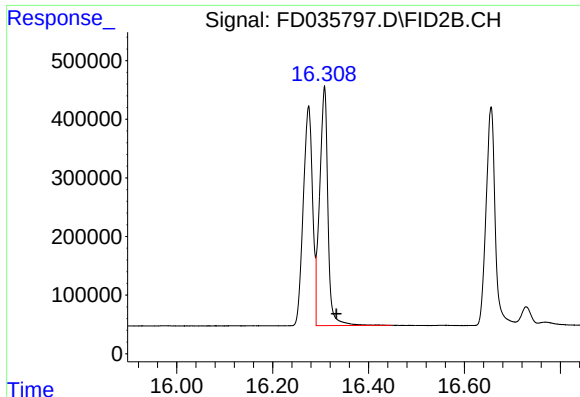
#15 Chrysene (C27.41)

R.T.: 14.762 min
Delta R.T.: -0.028 min
Response: 5439794
Conc: 42.55 ug/ml



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

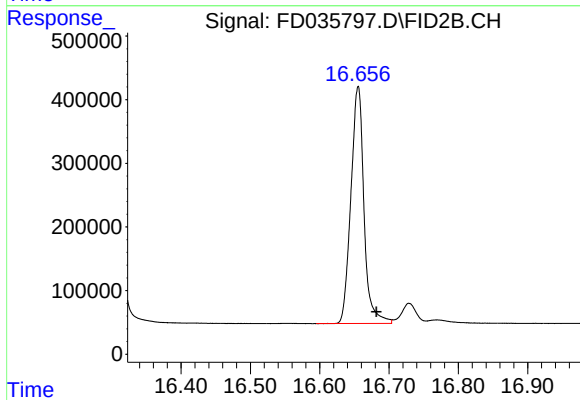
R.T.: 16.307 min
Delta R.T.: 0.005 min
Response: 4870794
Conc: 45.03 ug/ml



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

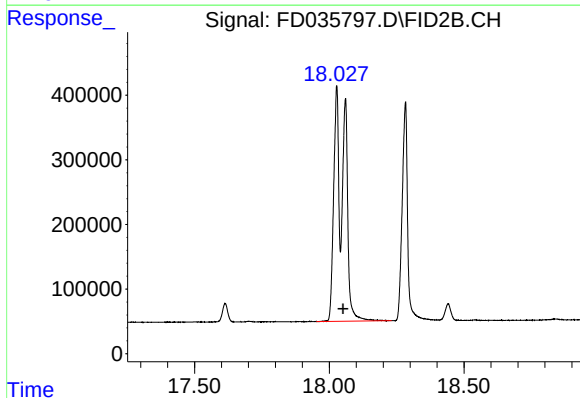
R.T.: 16.307 min
Delta R.T.: -0.026 min
Response: 4870794
Conc: 43.90 ug/ml

Instrument :
FID_D
ClientSampleId :



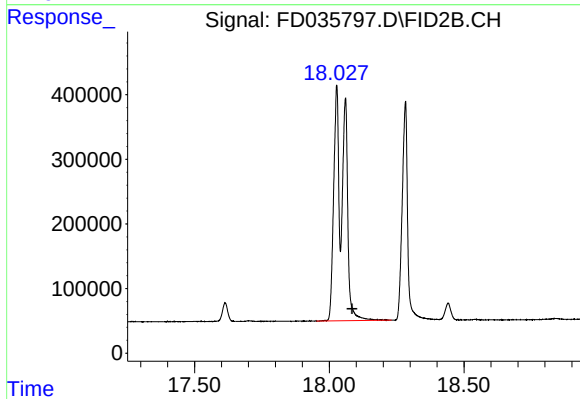
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: -0.027 min
Response: 4887833
Conc: 49.57 ug/ml



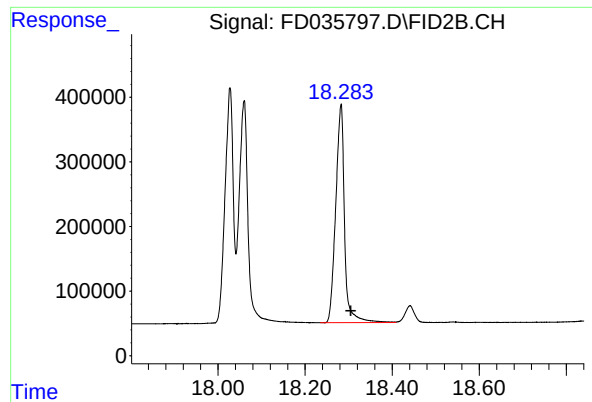
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: -0.024 min
Response: 9617180
Conc: 99.42 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.058 min
Response: 9617180
Conc: 93.22 ug/ml



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

R.T.: 18.281 min
Delta R.T.: -0.024 min
Response: 4761505
Conc: 48.09 ug/ml

Instrument :
FID_D
ClientSampleId :