

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036522.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 9:37
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 11:06:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 10:39:27 2021
 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	675123	4.753 ug/ml
Spiked Amount 50.000		Recovery =	9.51%
6) S 2-Fluorobiphenyl (SURR)	8.451	439638	4.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.25%
11) S ortho-Terphenyl (SURR)	11.491	746013	4.858 ug/ml
Spiked Amount 50.000		Recovery =	9.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	716203	4.855 ug/ml
2) T Naphthalene (C11.7)	5.931	764680	4.834 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	761380	4.810 ug/ml
5) T Acenaphthylene (C15.06)	8.255	715414	4.713 ug/ml
7) T Acenaphthene (C15.5)	8.550	746246	4.764 ug/ml
8) T Flouorene (C16.55)	9.330	715853	4.700 ug/ml
9) T Phenanthrene (C19.36)	10.723	693724	4.676 ug/ml
10) T Anthracene (C19.43)	10.796	680427	4.657 ug/ml
12) T Fluoranthene (C21.85)	12.529	671237	4.755 ug/ml
13) T Pyrene (C20.8)	12.825	658297	4.780 ug/ml
14) T Benzo[a]anthracene (C...	14.691	559762	4.681 ug/ml
15) T Chrysene (C27.41)	14.732	570910	4.678 ug/ml
16) T benzo[b]fluoranthene ...	16.235	526665	4.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.266	520272	4.876 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	486017	4.868 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	483406	4.832 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	508313	4.984 ug/ml
21) T Benzo[g,h,i]perylene ...	18.224	493672	4.852 ug/ml

(f)=RT Delta > 1/2 Window

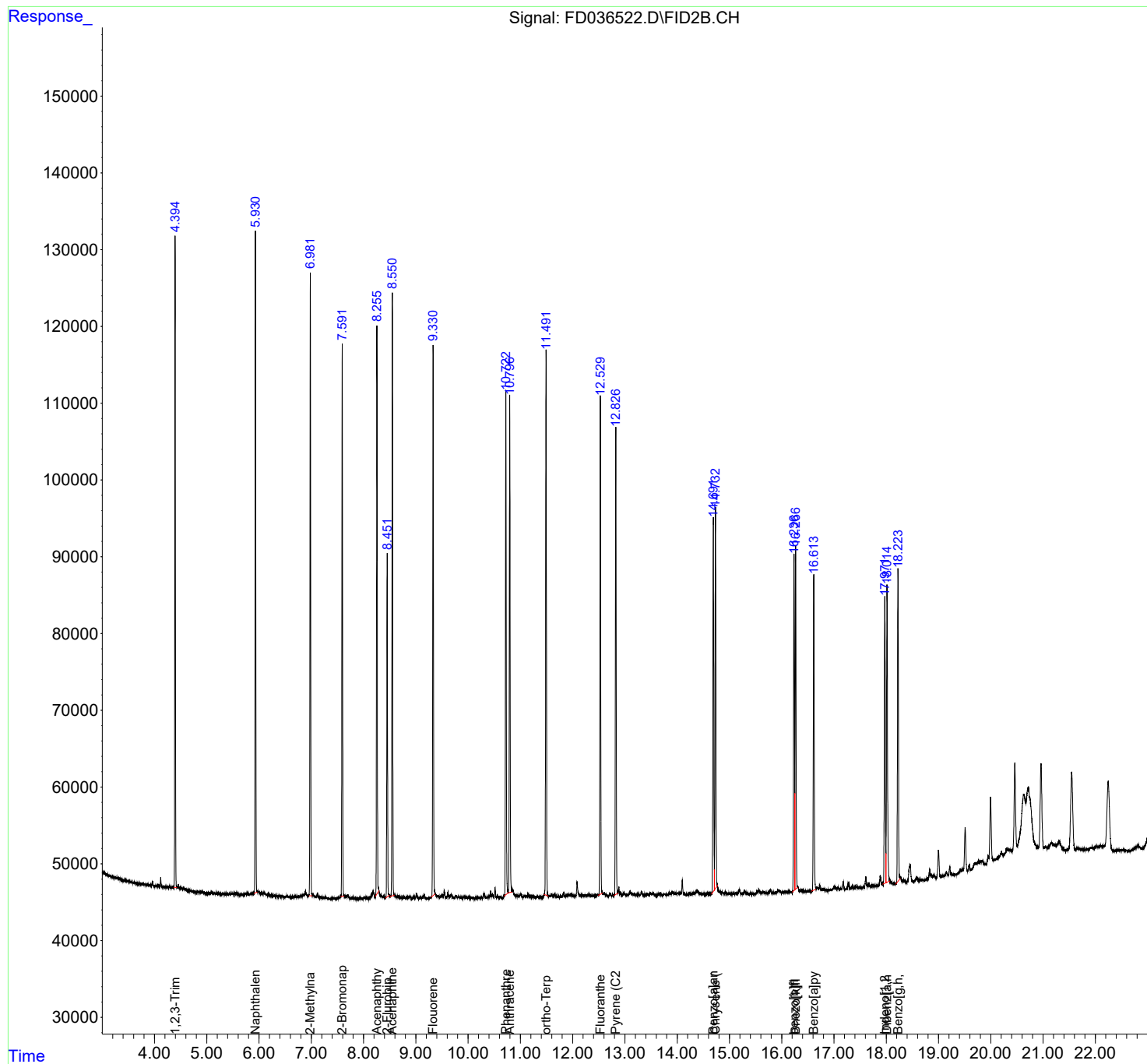
(m)=manual int.

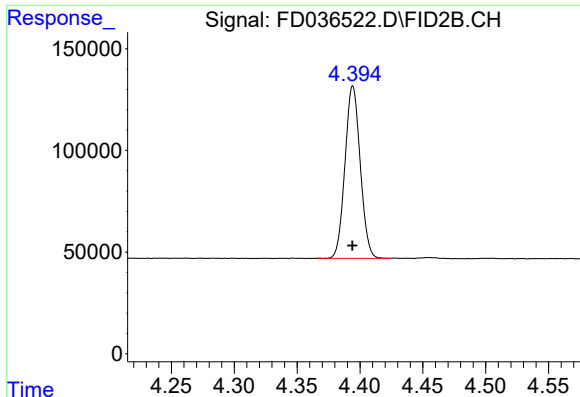
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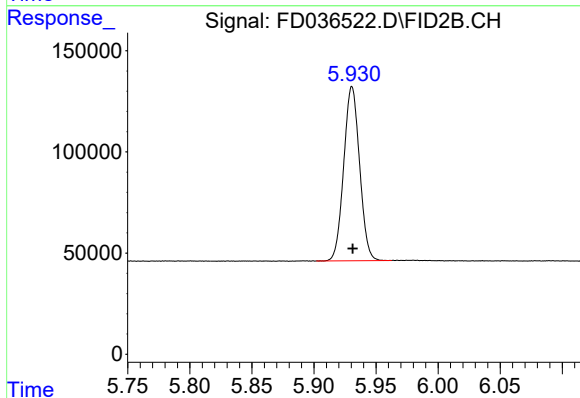




#1 1,2,3-Trimethylbenzene (C10.1)

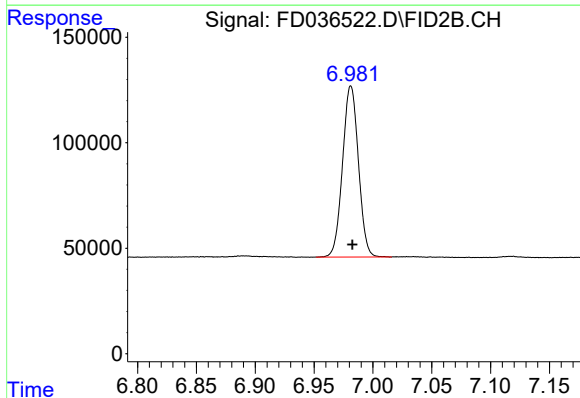
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 716203
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :



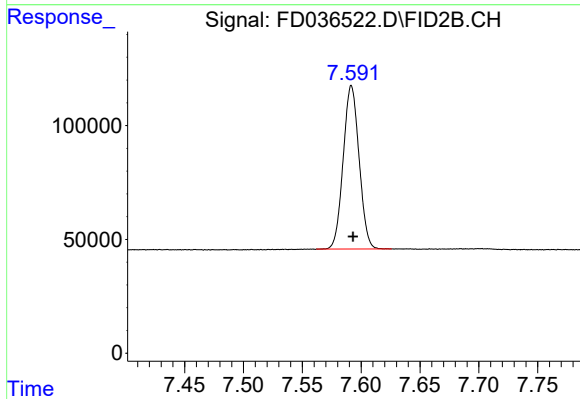
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 764680
Conc: 4.83 ug/ml



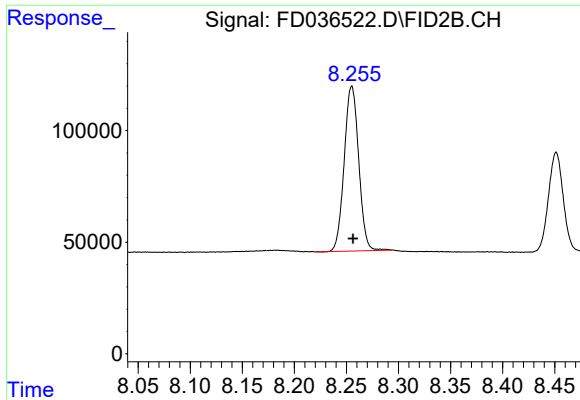
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 761380
Conc: 4.81 ug/ml



#4 2-Bromonaphthalene (SURR)

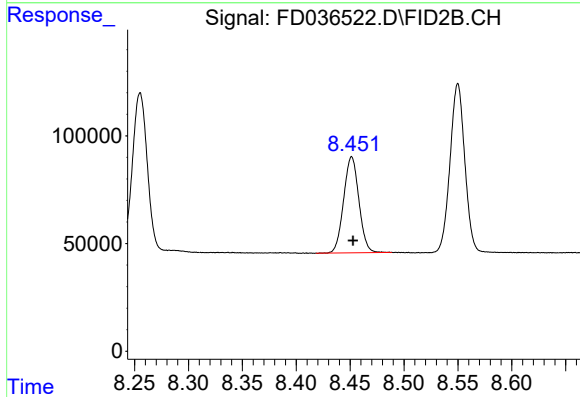
R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 675123
Conc: 4.75 ug/ml



#5 Acenaphthylene (C15.06)

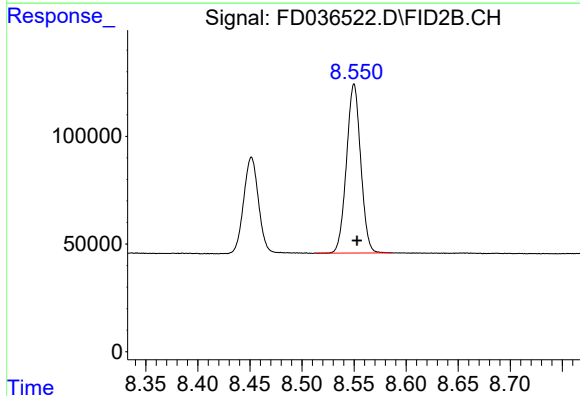
R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 715414
Conc: 4.71 ug/ml

Instrument :
FID_D
ClientSampleId :



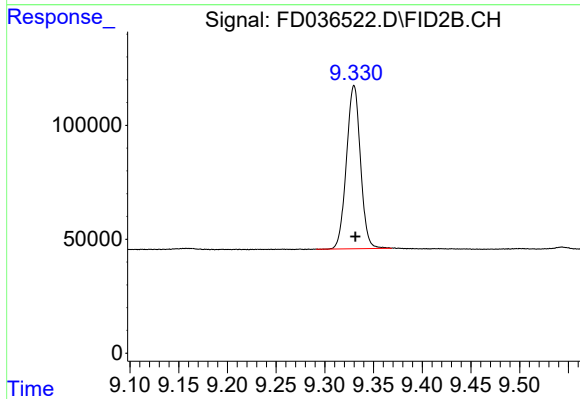
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 439638
Conc: 4.62 ug/ml



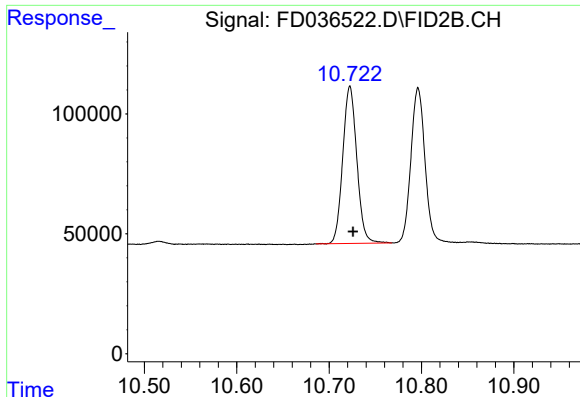
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.003 min
Response: 746246
Conc: 4.76 ug/ml



#8 Flouorene (C16.55)

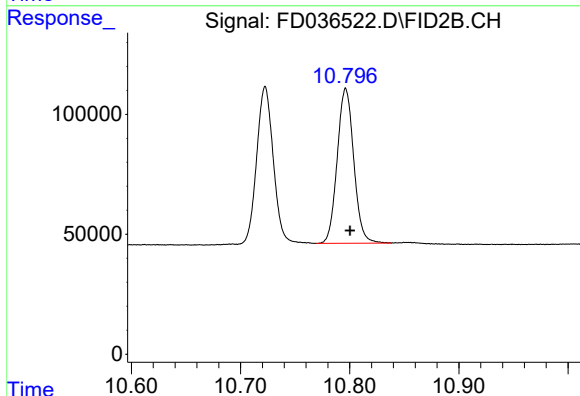
R.T.: 9.330 min
Delta R.T.: -0.001 min
Response: 715853
Conc: 4.70 ug/ml



#9 Phenanthrene (C19.36)

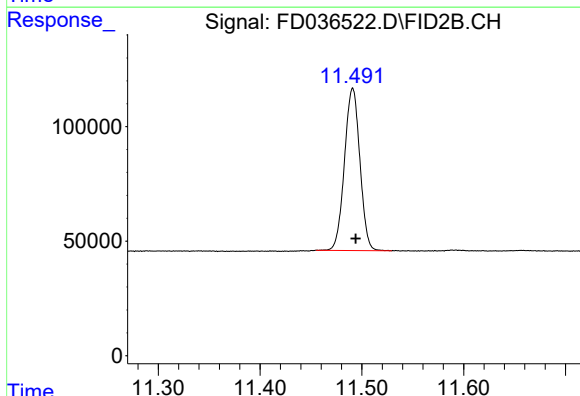
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 693724
Conc: 4.68 ug/ml

Instrument :
FID_D
ClientSampleId :



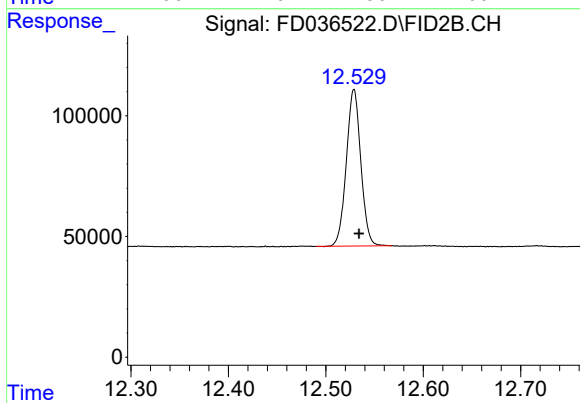
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.004 min
Response: 680427
Conc: 4.66 ug/ml



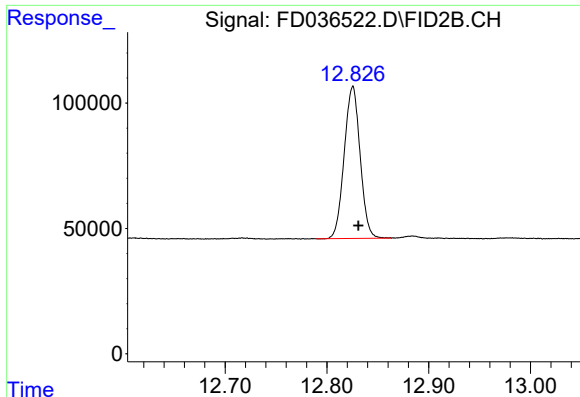
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 746013
Conc: 4.86 ug/ml



#12 Fluoranthene (C21.85)

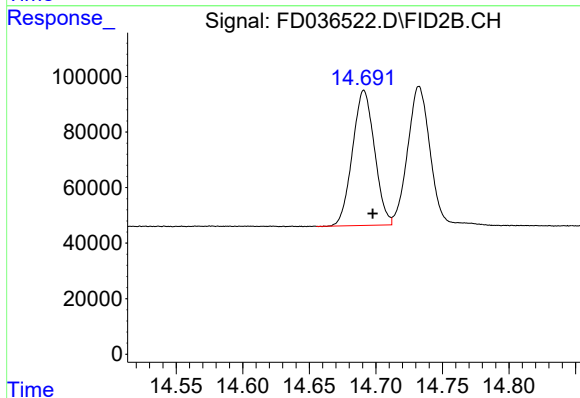
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 671237
Conc: 4.76 ug/ml



#13 Pyrene (C20.8)

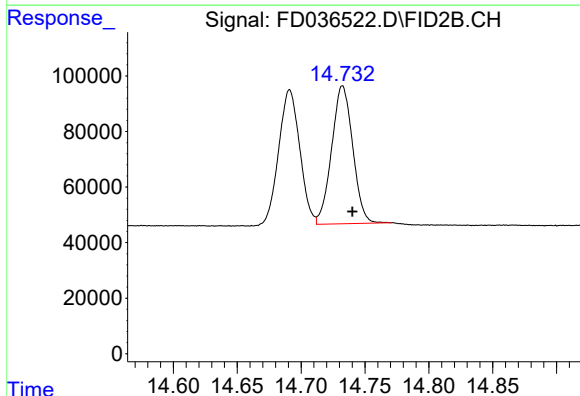
R.T.: 12.825 min
Delta R.T.: -0.006 min
Response: 658297
Conc: 4.78 ug/ml

Instrument :
FID_D
ClientSampleId :



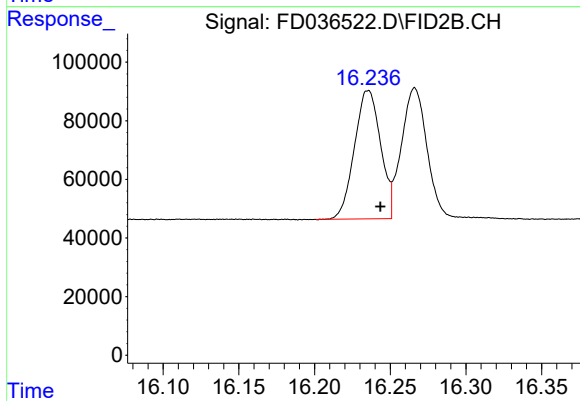
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min
Delta R.T.: -0.007 min
Response: 559762
Conc: 4.68 ug/ml



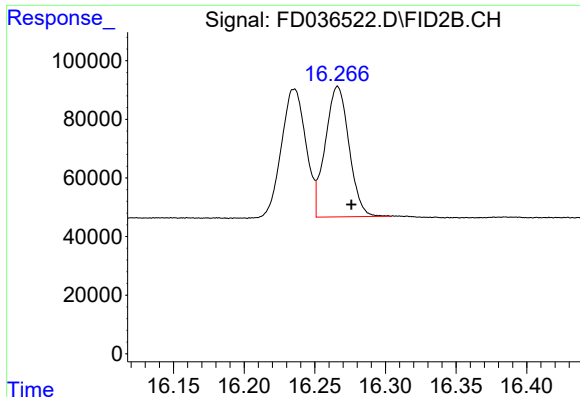
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: -0.008 min
Response: 570910
Conc: 4.68 ug/ml



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

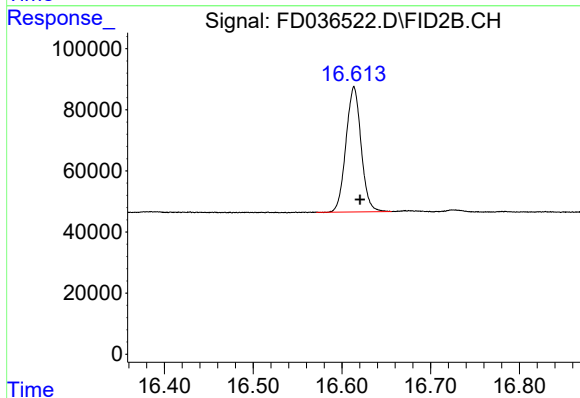
R.T.: 16.235 min
Delta R.T.: -0.008 min
Response: 526665
Conc: 4.79 ug/ml



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

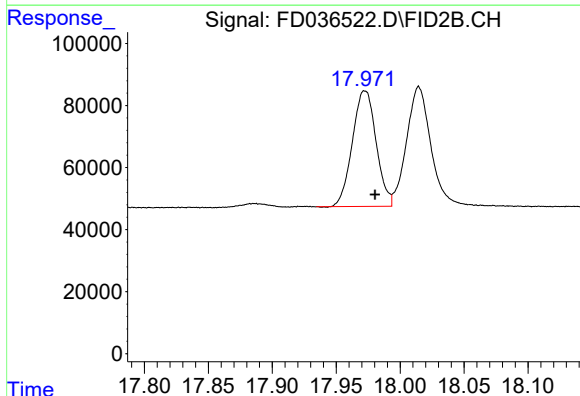
R.T.: 16.266 min
Delta R.T.: -0.010 min
Response: 520272
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :



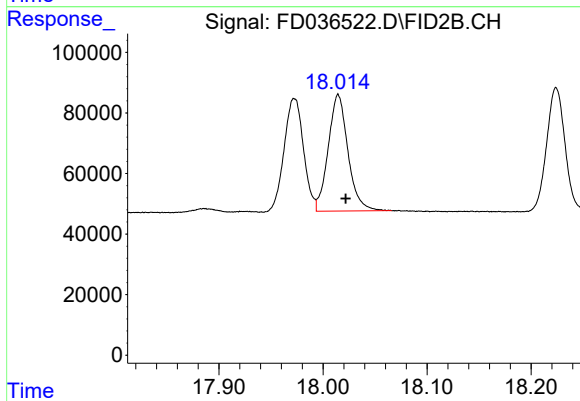
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min
Delta R.T.: -0.007 min
Response: 486017
Conc: 4.87 ug/ml



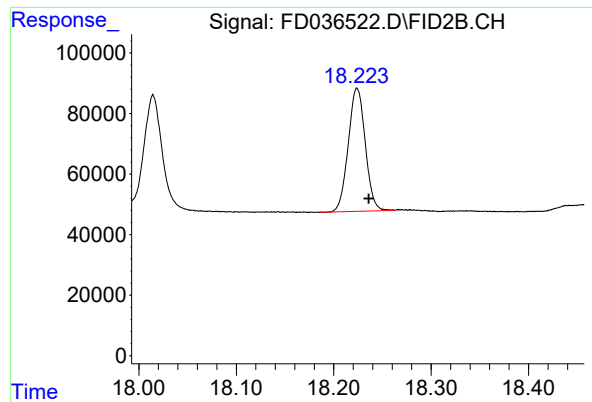
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min
Delta R.T.: -0.008 min
Response: 483406
Conc: 4.83 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.007 min
Response: 508313
Conc: 4.98 ug/ml



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

R.T.: 18.224 min
Delta R.T.: -0.012 min
Response: 493672
Conc: 4.85 ug/ml

Instrument :
FID_D
ClientSampleId :