

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032838.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2020 17:24
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 02:07:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:02:27 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...	7.604	1516097	10.042 ug/ml
Spiked Amount 50.000		Recovery =	20.08%
6) S 2-Fluorobiphenyl (SURR)	8.466	994594	9.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.66%
11) S ortho-Terphenyl (SURR)	11.501	1678726	10.303 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.411	1624160	10.233 ug/ml
2) T Naphthalene (C11.7)	5.946	1686951	10.099 ug/ml
3) T 2-Methylnaphthalene (...)	6.995	1667979	10.070 ug/ml
5) T Acenaphthylene (C15.06)	8.268	1602671	10.088 ug/ml
7) T Acenaphthene (C15.5)	8.563	1664673	10.077 ug/ml
8) T Fluorene (C16.55)	9.342	1596280	9.909 ug/ml
9) T Phenanthrene (C19.36)	10.737	1620119	10.050 ug/ml
10) T Anthracene (C19.43)	10.812	1587382	10.032 ug/ml
12) T Fluoranthene (C21.85)	12.547	1647686	10.206 ug/ml
13) T Pyrene (C20.8)	12.843	1628758	10.207 ug/ml
14) T Benzo[a]anthracene (C...	14.714	1473165	10.081 ug/ml
15) T Chrysene (C27.41)	14.756	1539410	10.217 ug/ml
16) T benzo[b]fluoranthene ...	16.264	1408335	10.097 ug/ml
17) T Bnezo[k]fluoranthene ...	16.295	1441974	10.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	1372222	10.106 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	1206165	9.818 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	1324478	10.287 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	1249873	10.050 ug/ml

(f)=RT Delta > 1/2 Window

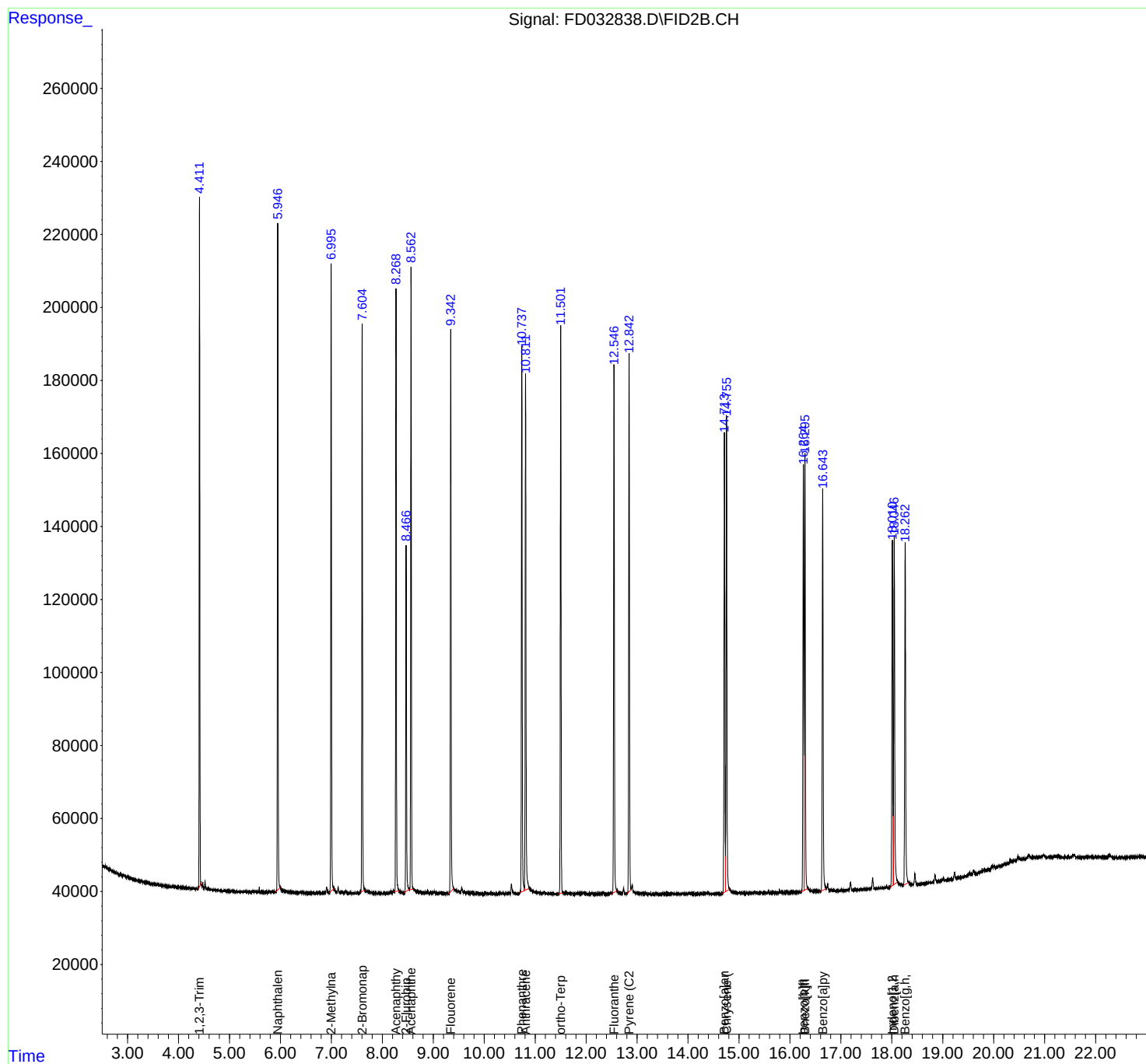
(m)=manual int.

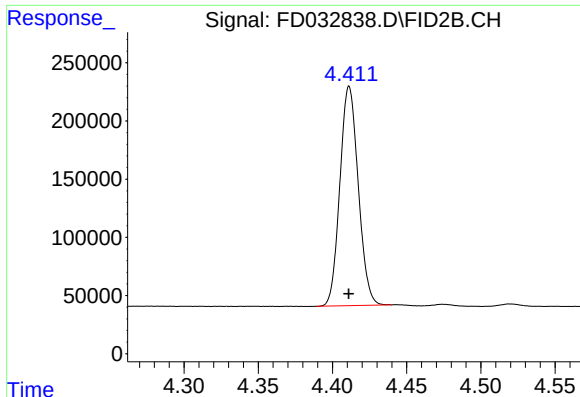
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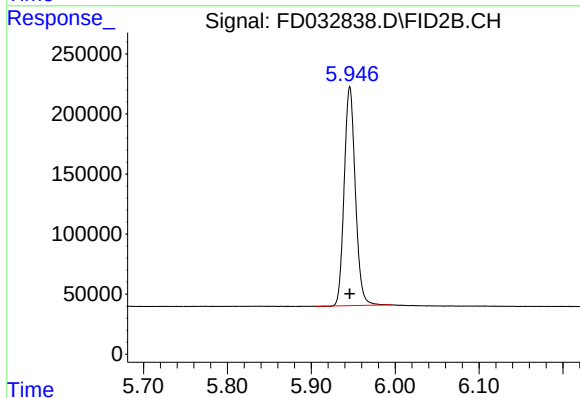




#1 1,2,3-Trimethylbenzene (C10.1)

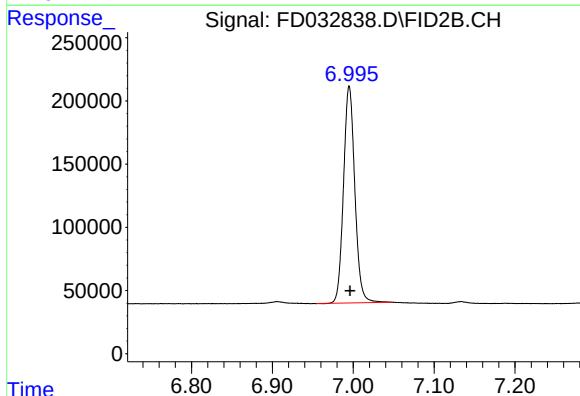
R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 1624160
Conc: 10.23 ug/ml

Instrument :
FID_D
ClientSampleId :



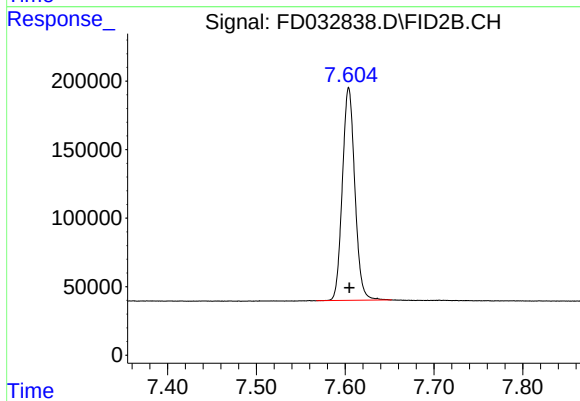
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 1686951
Conc: 10.10 ug/ml



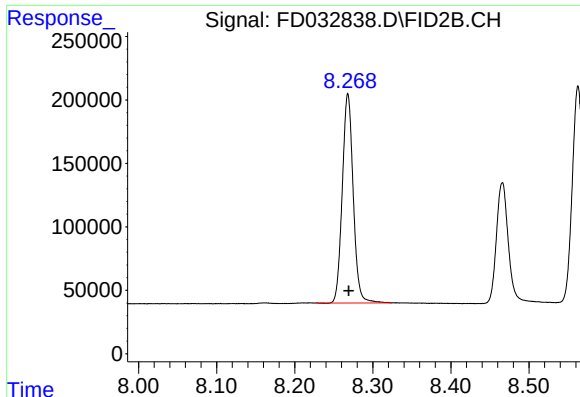
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1667979
Conc: 10.07 ug/ml



#4 2-Bromonaphthalene (SURR)

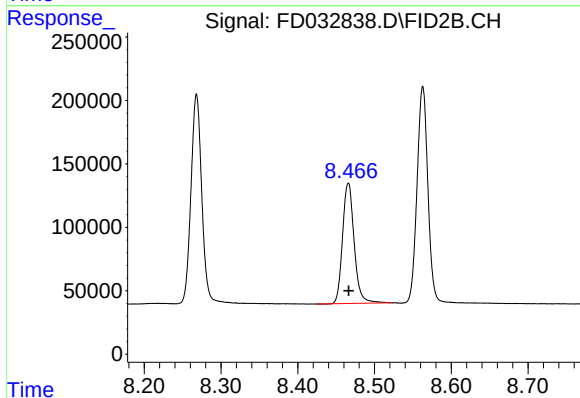
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 1516097
Conc: 10.04 ug/ml



#5 Acenaphthylene (C15.06)

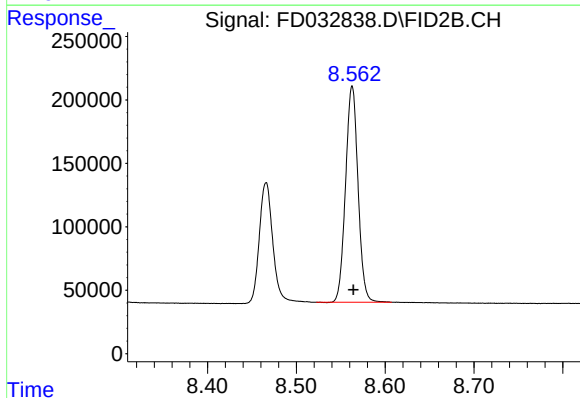
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 1602671
Conc: 10.09 ug/ml

Instrument :
FID_D
ClientSampleId :



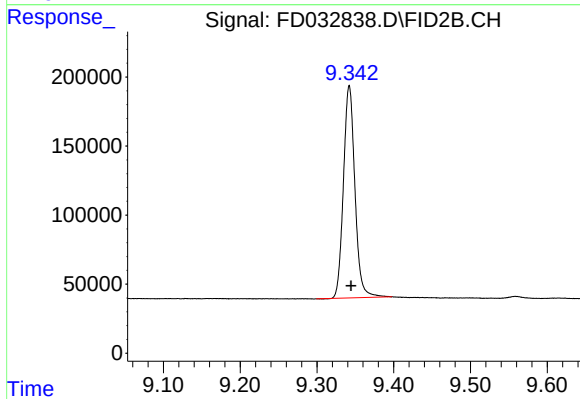
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 994594
Conc: 9.83 ug/ml



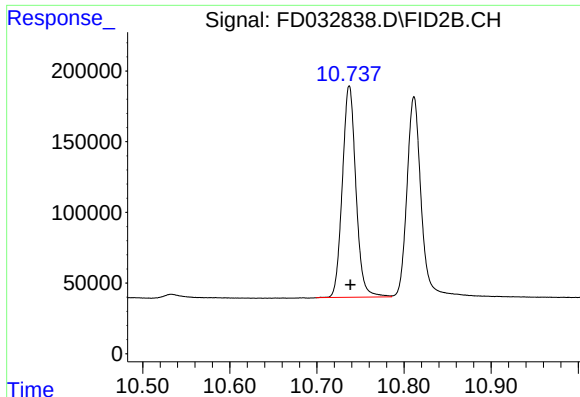
#7 Acenaphthene (C15.5)

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 1664673
Conc: 10.08 ug/ml



#8 Fluorene (C16.55)

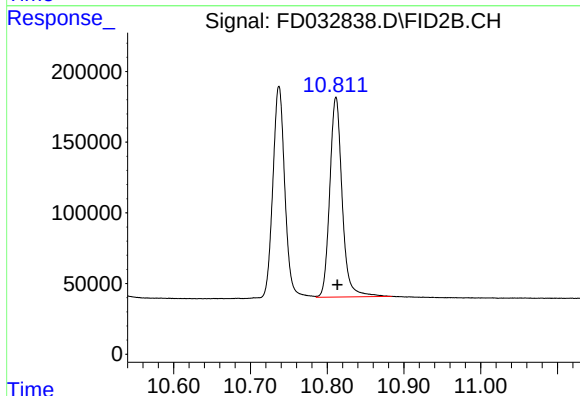
R.T.: 9.342 min
Delta R.T.: -0.002 min
Response: 1596280
Conc: 9.91 ug/ml



#9 Phenanthrene (C19.36)

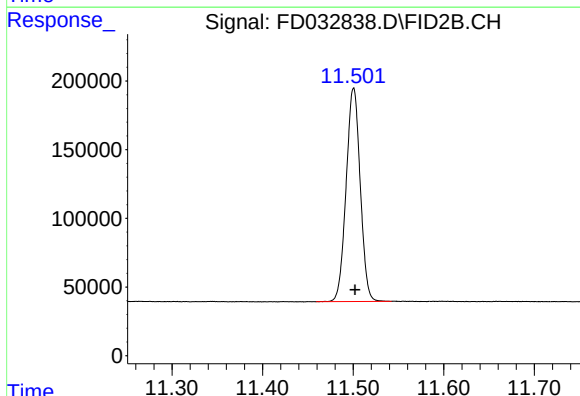
R.T.: 10.737 min
Delta R.T.: -0.001 min
Response: 1620119
Conc: 10.05 ug/ml

Instrument :
FID_D
ClientSampleId :



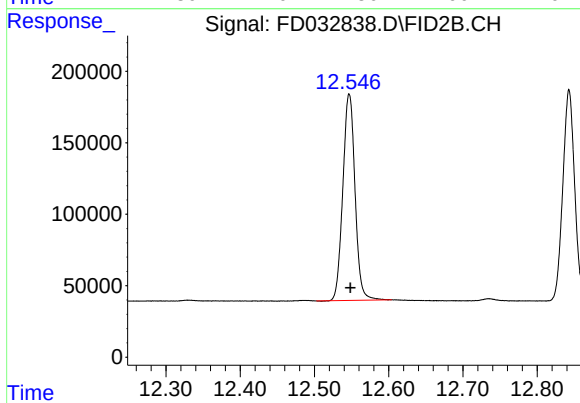
#10 Anthracene (C19.43)

R.T.: 10.812 min
Delta R.T.: -0.002 min
Response: 1587382
Conc: 10.03 ug/ml



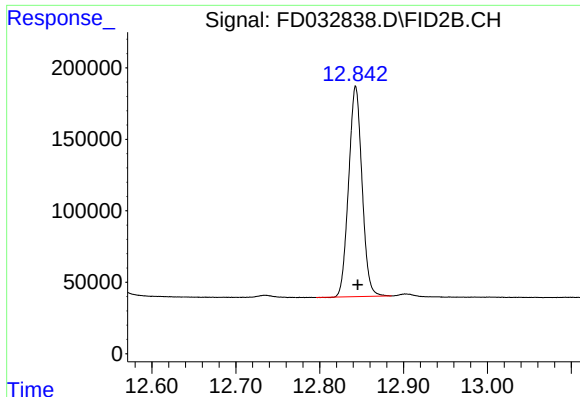
#11 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.001 min
Response: 1678726
Conc: 10.30 ug/ml



#12 Fluoranthene (C21.85)

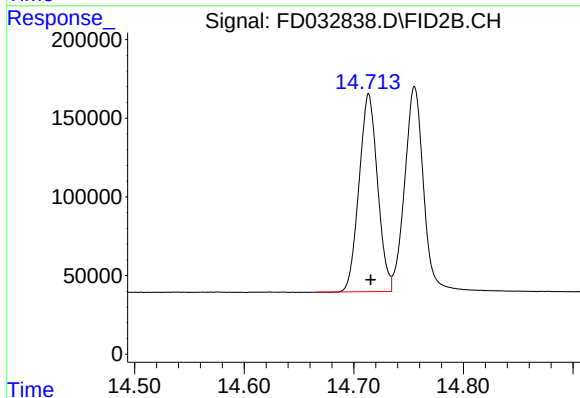
R.T.: 12.547 min
Delta R.T.: -0.002 min
Response: 1647686
Conc: 10.21 ug/ml



#13 Pyrene (C20.8)

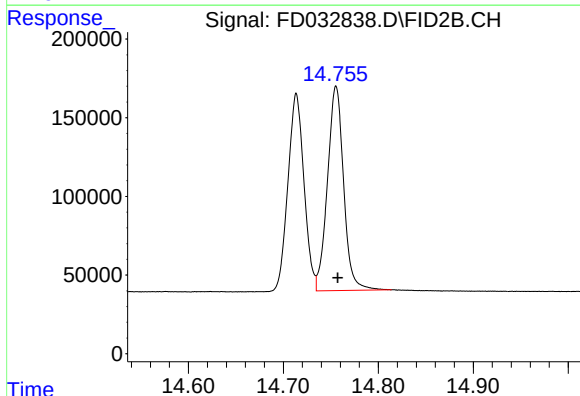
R.T.: 12.843 min
Delta R.T.: -0.002 min
Response: 1628758
Conc: 10.21 ug/ml

Instrument :
FID_D
ClientSampleId :



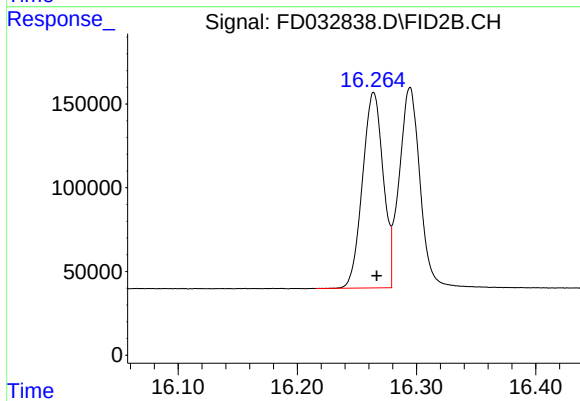
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.002 min
Response: 1473165
Conc: 10.08 ug/ml



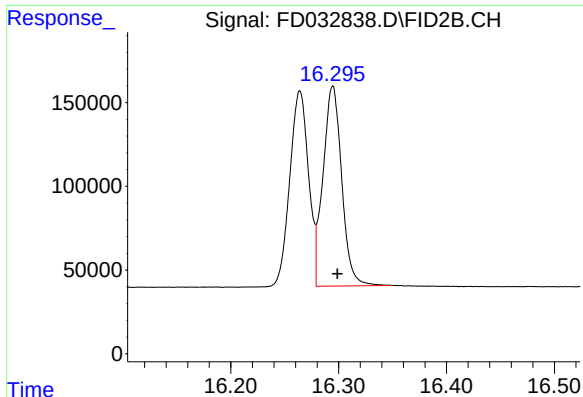
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.002 min
Response: 1539410
Conc: 10.22 ug/ml



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

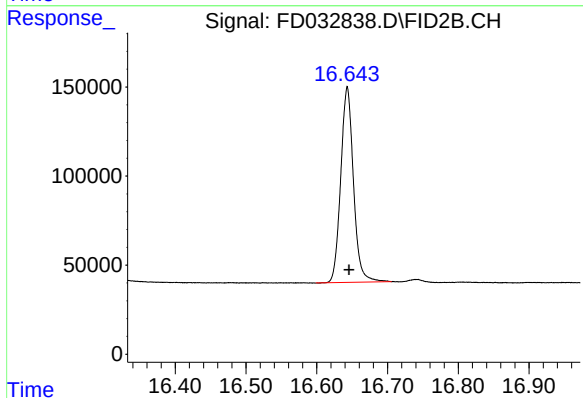
R.T.: 16.264 min
Delta R.T.: -0.003 min
Response: 1408335
Conc: 10.10 ug/ml



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

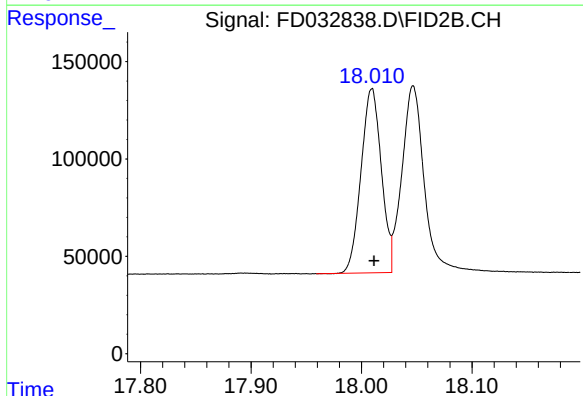
R.T.: 16.295 min
Delta R.T.: -0.004 min
Response: 1441974
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :



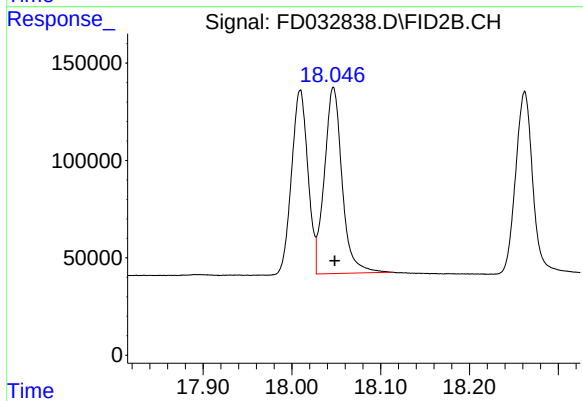
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.002 min
Response: 1372222
Conc: 10.11 ug/ml



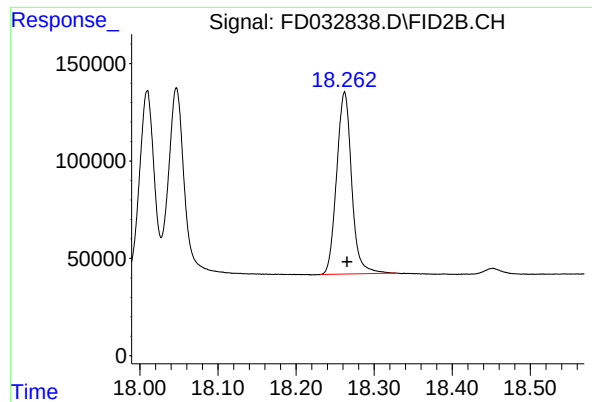
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: -0.002 min
Response: 1206165
Conc: 9.82 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.002 min
Response: 1324478
Conc: 10.29 ug/ml



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

R.T.: 18.262 min
Delta R.T.: -0.003 min
Response: 1249873
Conc: 10.05 ug/ml

Instrument :
FID_D
ClientSampleId :