

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031221AR\
 Data File : FD036381.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2021 00:13
 Operator : DD\AJ
 Sample : M1652-05MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1D-(6.5-7.0)MS

Integration File: autoint1.e
 Quant Time: Mar 15 07:45:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.600	6353890	53.905 ug/ml
Spiked Amount 50.000		Recovery =	107.81%
6) S 2-Fluorobiphenyl (SURR)	8.462	4371410	52.527 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.05%
11) S ortho-Terphenyl (SURR)	11.503	5219638	37.049 ug/ml
Spiked Amount 50.000		Recovery =	74.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	4506049	35.940 ug/ml
2) T Naphthalene (C11.7)	5.938	5311831	39.199 ug/ml
3) T 2-Methylnaphthalene (...)	6.989	5771226	42.264 ug/ml
5) T Acenaphthylene (C15.06)	8.265	5822111	43.274 ug/ml
7) T Acenaphthene (C15.5)	8.562	6183839	44.676 ug/ml
8) T Fluorene (C16.55)	9.342	6381926	46.764 ug/ml
9) T Phenanthrene (C19.36)	10.737	6563700	47.640 ug/ml
10) T Anthracene (C19.43)	10.813	6480294	48.268 ug/ml
12) T Fluoranthene (C21.85)	12.549	6593429	47.478 ug/ml
13) T Pyrene (C20.8)	12.846	6524570	47.590 ug/ml
14) T Benzo[a]anthracene (C...	14.714	6015499	47.559 ug/ml
15) T Chrysene (C27.41)	14.759	6539204	50.496 ug/ml
16) T benzo[b]fluoranthene ...	16.264	6010673	49.388 ug/ml
17) T Bnezo[k]fluoranthene ...	16.299	5551765	47.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.642	5723360	51.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	5460676	49.355 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	5290050	47.803 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	5528639	50.000 ug/ml

(f)=RT Delta > 1/2 Window

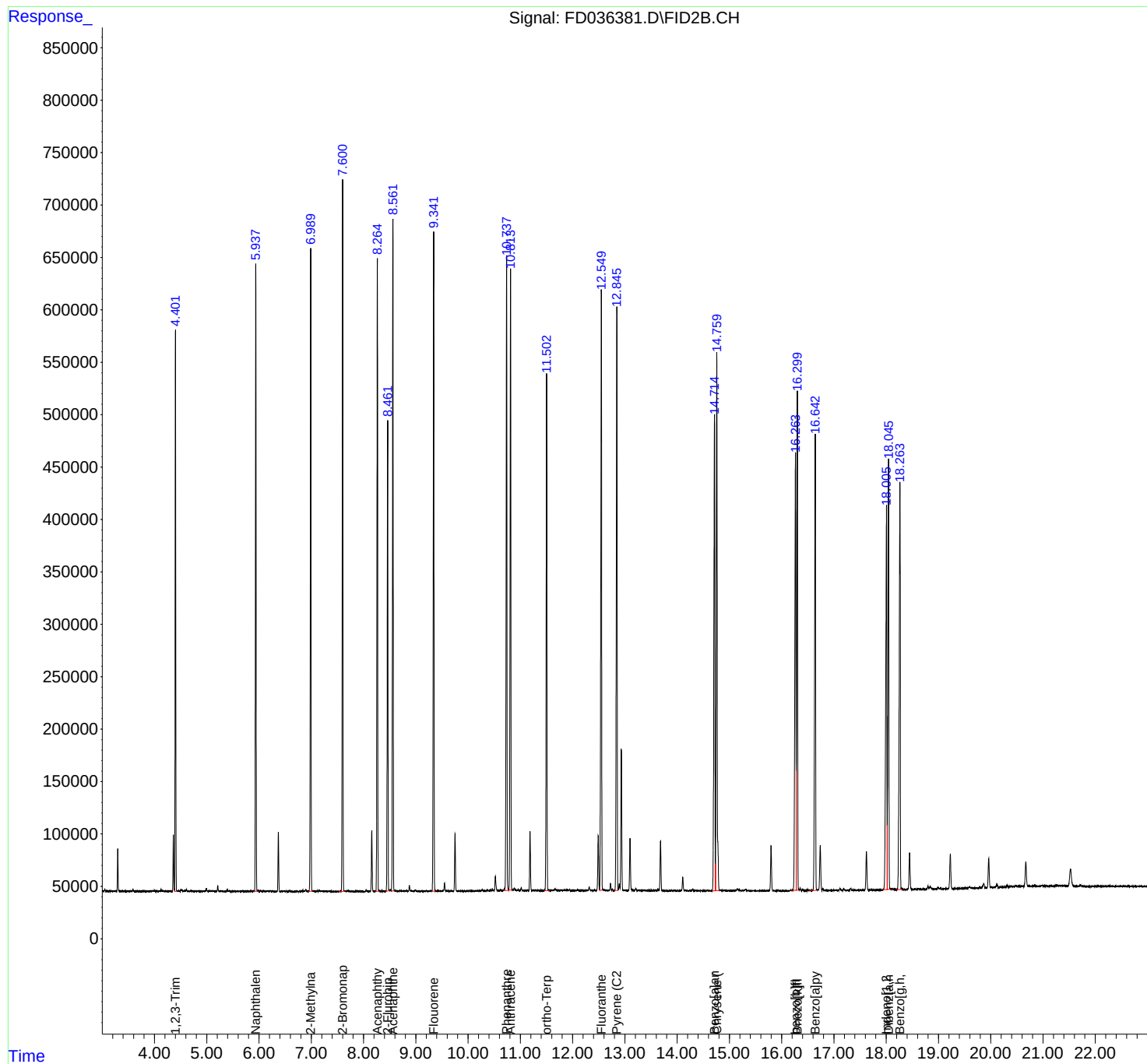
(m)=manual int.

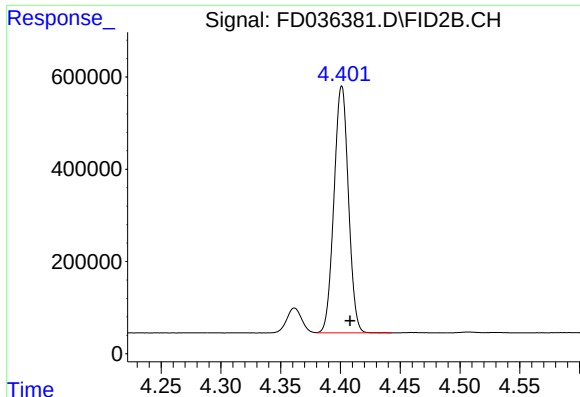
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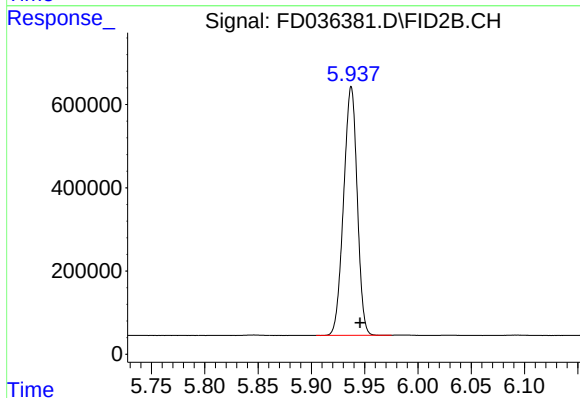




#1 1,2,3-Trimethylbenzene (C10.1)

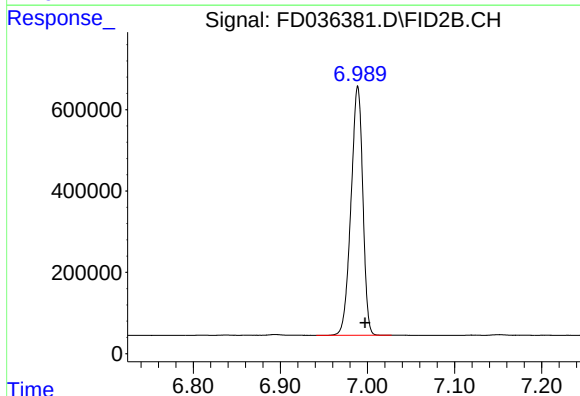
R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 4506049
Conc: 35.94 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1D-(6.5-7.0)MS



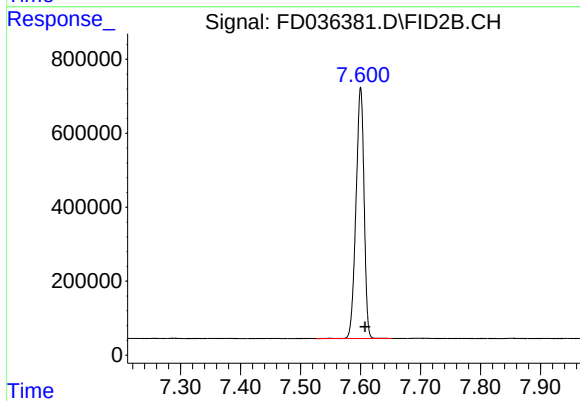
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 5311831
Conc: 39.20 ug/ml



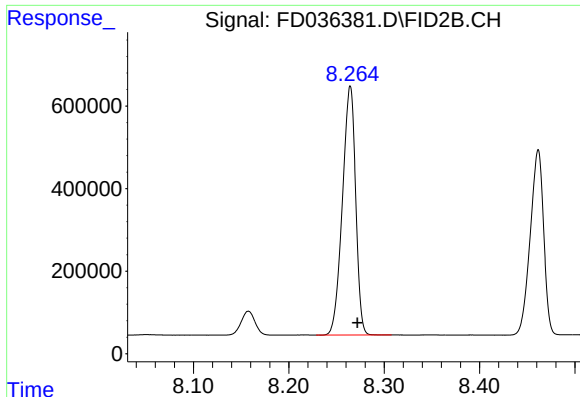
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.008 min
Response: 5771226
Conc: 42.26 ug/ml



#4 2-Bromonaphthalene (SURR)

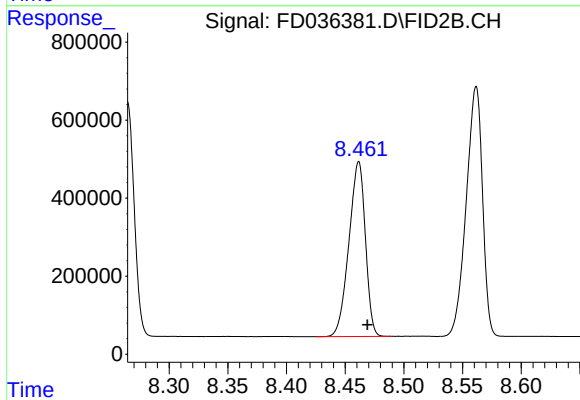
R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 6353890
Conc: 53.91 ug/ml



#5 Acenaphthylene (C15.06)

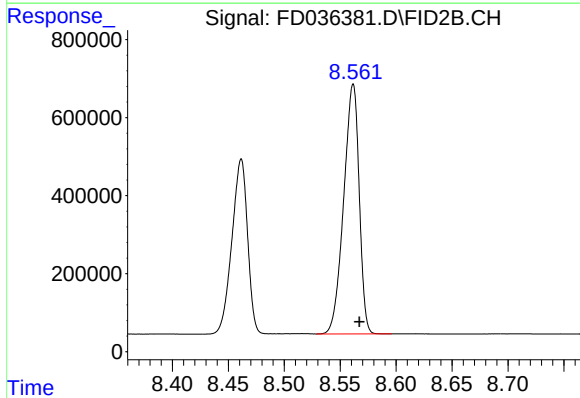
R.T.: 8.265 min
Delta R.T.: -0.008 min
Response: 5822111
Conc: 43.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1D-(6.5-7.0)MS



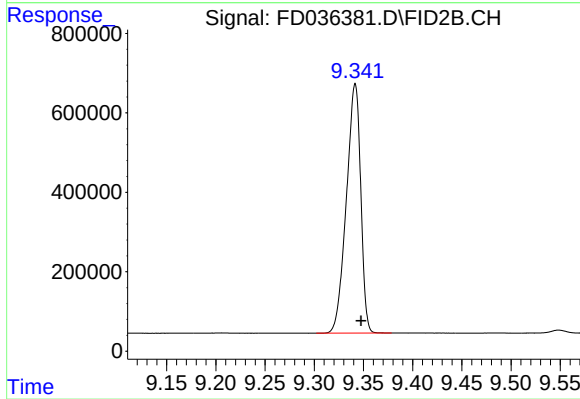
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 4371410
Conc: 52.53 ug/ml



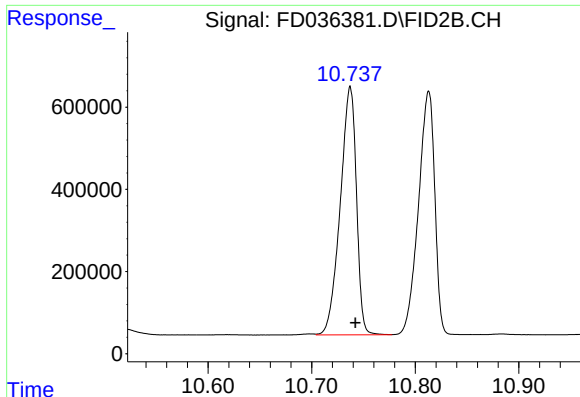
#7 Acenaphthene (C15.5)

R.T.: 8.562 min
Delta R.T.: -0.006 min
Response: 6183839
Conc: 44.68 ug/ml



#8 Flouorene (C16.55)

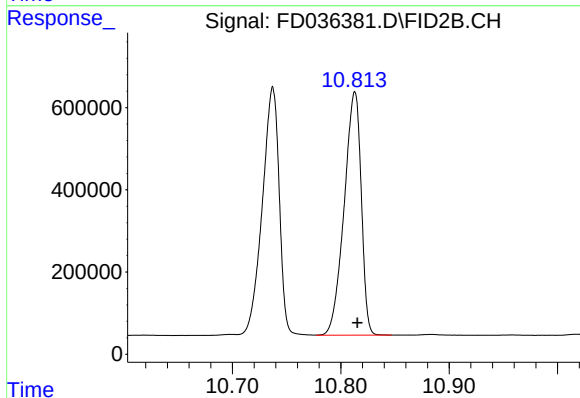
R.T.: 9.342 min
Delta R.T.: -0.006 min
Response: 6381926
Conc: 46.76 ug/ml



#9 Phenanthrene (C19.36)

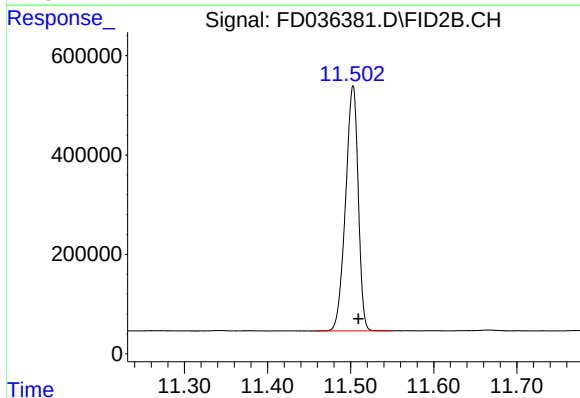
R.T.: 10.737 min
Delta R.T.: -0.005 min
Response: 6563700
Conc: 47.64 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1D-(6.5-7.0)MS



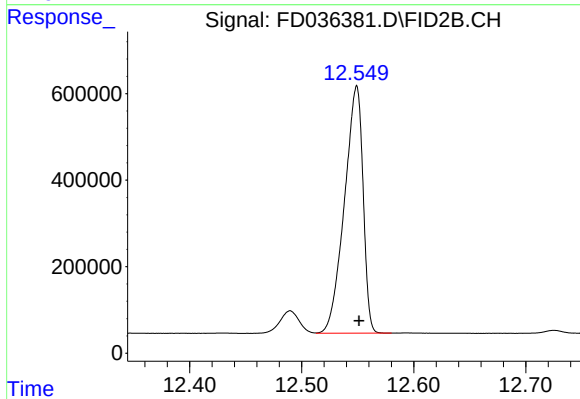
#10 Anthracene (C19.43)

R.T.: 10.813 min
Delta R.T.: -0.002 min
Response: 6480294
Conc: 48.27 ug/ml



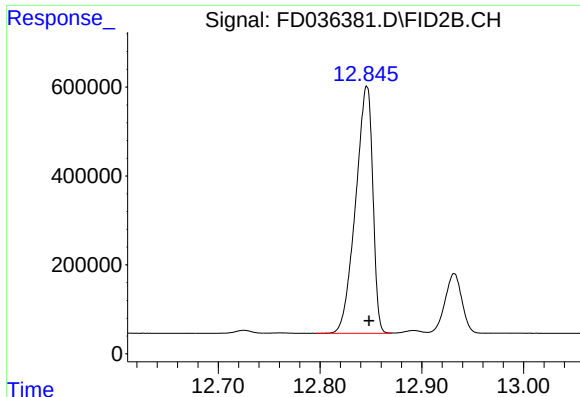
#11 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.006 min
Response: 5219638
Conc: 37.05 ug/ml



#12 Fluoranthene (C21.85)

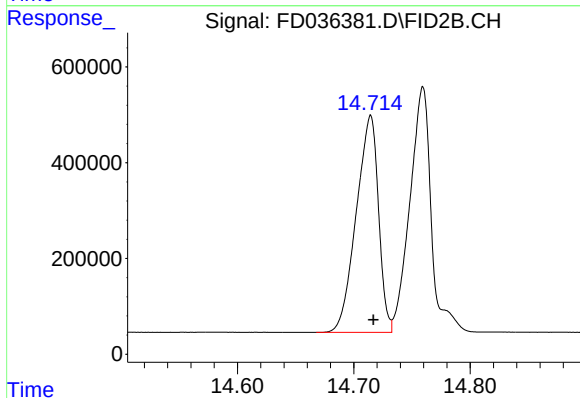
R.T.: 12.549 min
Delta R.T.: -0.002 min
Response: 6593429
Conc: 47.48 ug/ml



#13 Pyrene (C20.8)

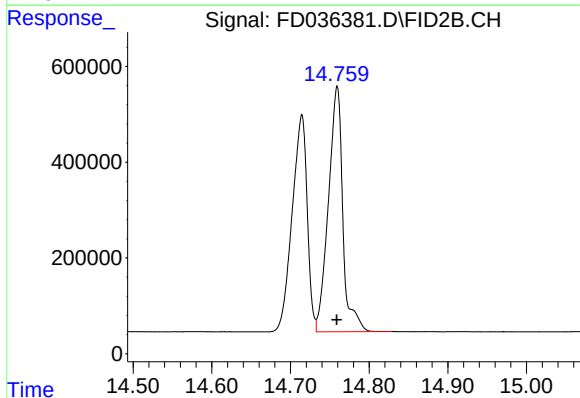
R.T.: 12.846 min
Delta R.T.: -0.002 min
Response: 6524570
Conc: 47.59 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1D-(6.5-7.0)MS



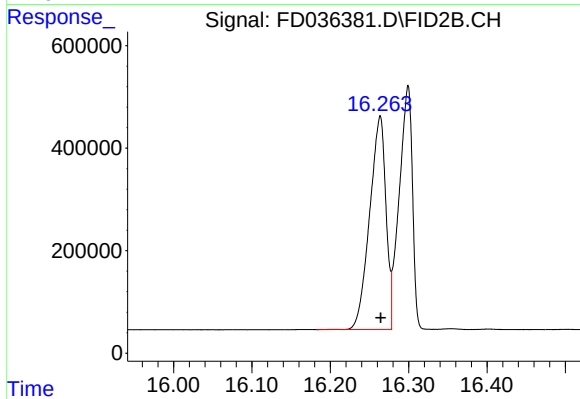
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.002 min
Response: 6015499
Conc: 47.56 ug/ml



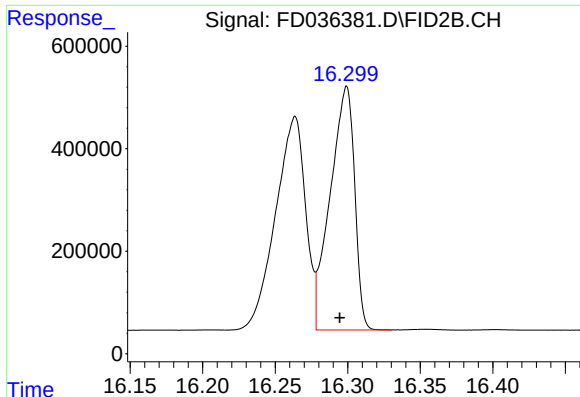
#15 Chrysene (C27.41)

R.T.: 14.759 min
Delta R.T.: 0.000 min
Response: 6539204
Conc: 50.50 ug/ml



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

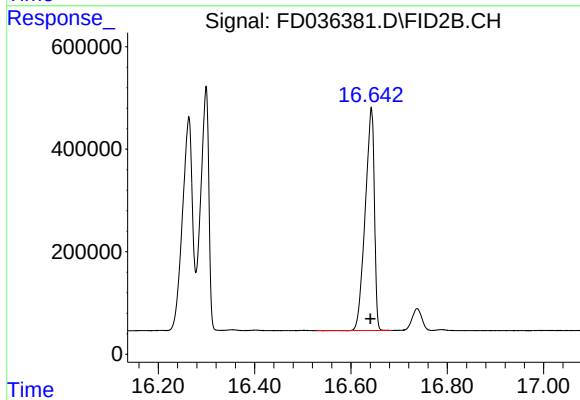
R.T.: 16.264 min
Delta R.T.: 0.000 min
Response: 6010673
Conc: 49.39 ug/ml



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

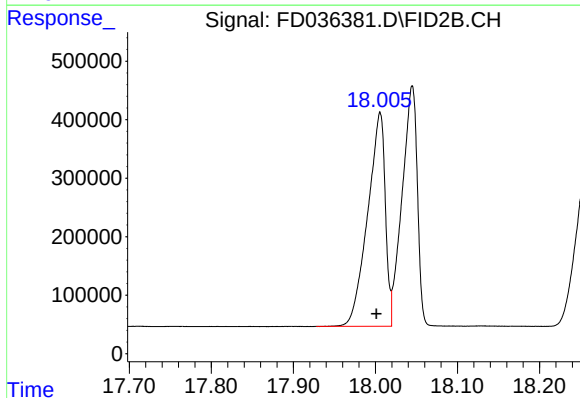
R.T.: 16.299 min
Delta R.T.: 0.005 min
Response: 5551765
Conc: 47.15 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1D-(6.5-7.0)MS



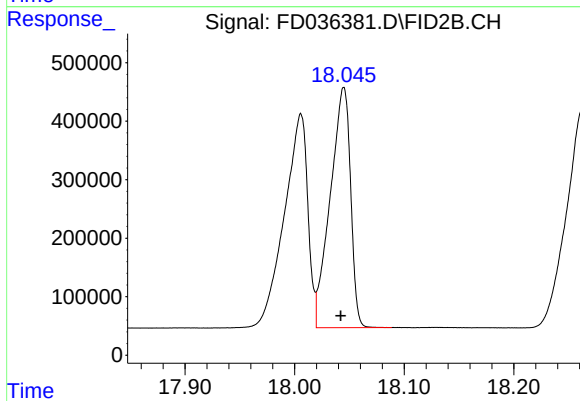
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: 0.002 min
Response: 5723360
Conc: 51.90 ug/ml



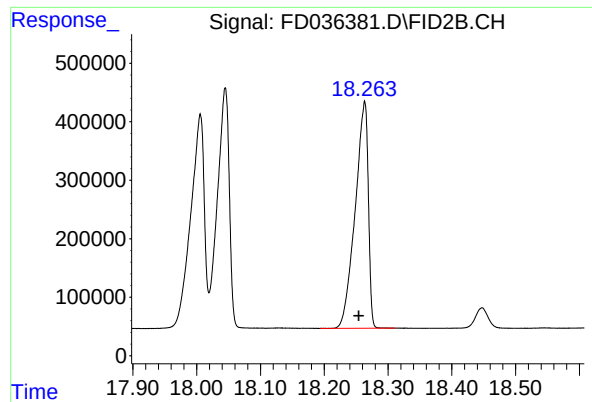
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: 0.005 min
Response: 5460676
Conc: 49.35 ug/ml



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

R.T.: 18.045 min
Delta R.T.: 0.003 min
Response: 5290050
Conc: 47.80 ug/ml



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

R.T.: 18.263 min
Delta R.T.: 0.009 min
Response: 5528639
Conc: 50.00 ug/ml

Instrument :
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ClientSampleId :
PE-1D-(6.5-7.0)MS