

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034597.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 00:04
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 01 02:12:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:11:55 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...	7.691	5131388	48.401 ug/ml
Spiked Amount 50.000		Recovery =	96.80%
6) S 2-Fluorobiphenyl (SURR)	8.556	3641266	48.555 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.11%
11) S ortho-Terphenyl (SURR)	11.598	5864499	47.757 ug/ml
Spiked Amount 50.000		Recovery =	95.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	5523329	46.812 ug/ml
2) T Naphthalene (C11.7)	6.027	5871741	48.694 ug/ml
3) T 2-Methylnaphthalene (...)	7.082	5956925	48.756 ug/ml
5) T Acenaphthylene (C15.06)	8.360	5762902	47.891 ug/ml
7) T Acenaphthene (C15.5)	8.656	5877171	47.954 ug/ml
8) T Fluorene (C16.55)	9.437	5763002	48.420 ug/ml
9) T Phenanthrene (C19.36)	10.836	5806119	48.248 ug/ml
10) T Anthracene (C19.43)	10.911	5660560	48.044 ug/ml
12) T Fluoranthene (C21.85)	12.649	5772558	48.124 ug/ml
13) T Pyrene (C20.8)	12.947	5596603	48.097 ug/ml
14) T Benzo[a]anthracene (C...	14.819	5479783	48.202 ug/ml
15) T Chrysene (C27.41)	14.863	5478835	48.052 ug/ml
16) T benzo[b]fluoranthene ...	16.370	5288629	48.199 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	5182631	47.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	5199095	48.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	5066744	49.572 ug/ml
20) T Dibenz[a,h]anthracene...	18.152	4940152	47.634 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	4981451	48.584 ug/ml

(f)=RT Delta > 1/2 Window

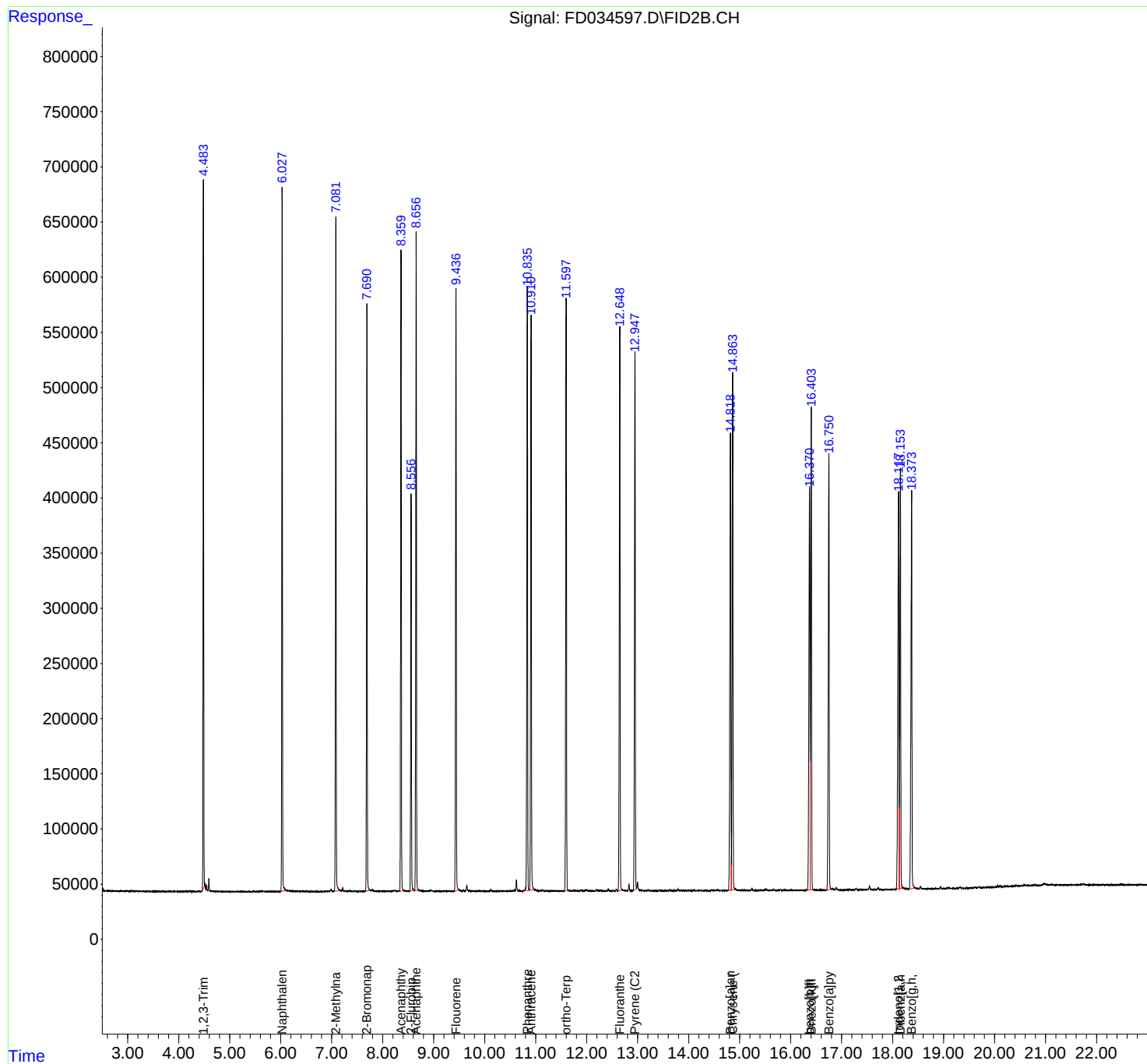
(m)=manual int.

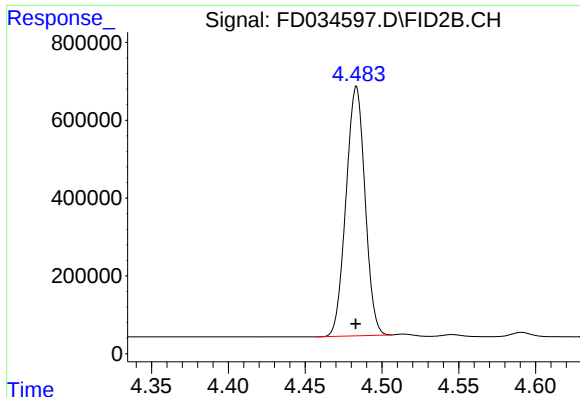
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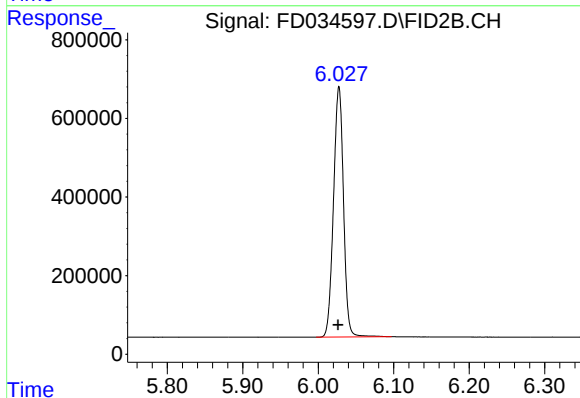




#1 1,2,3-Trimethylbenzene (C10.1)

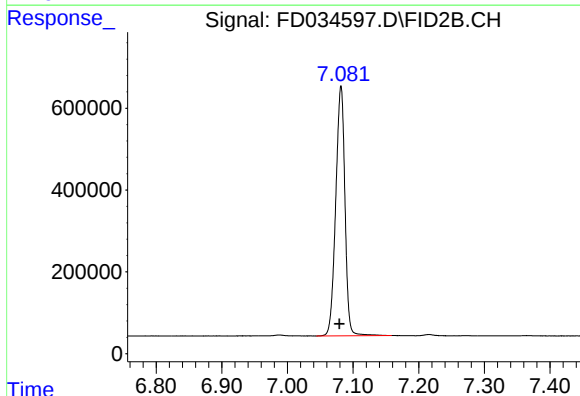
R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 5523329
Conc: 46.81 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



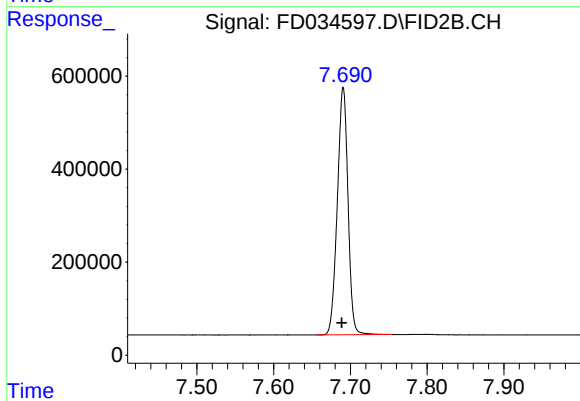
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 5871741
Conc: 48.69 ug/ml



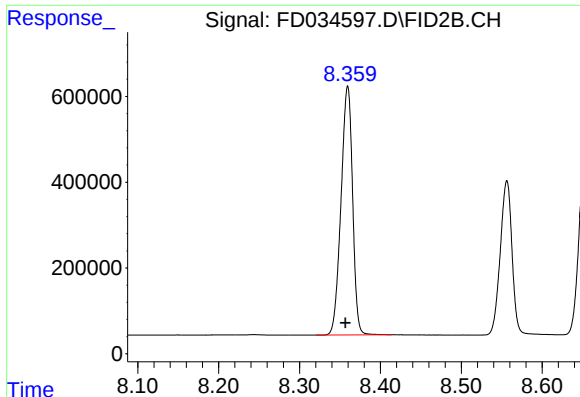
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.082 min
Delta R.T.: 0.002 min
Response: 5956925
Conc: 48.76 ug/ml



#4 2-Bromonaphthalene (SURR)

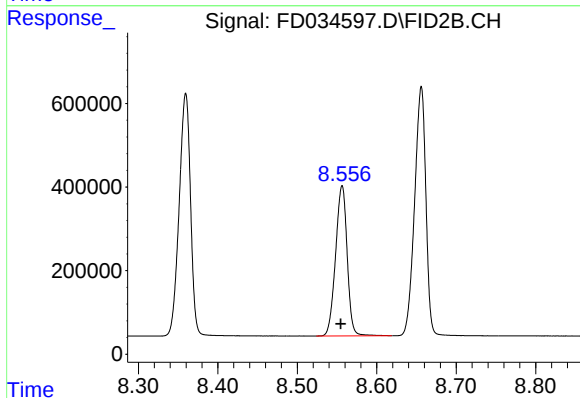
R.T.: 7.691 min
Delta R.T.: 0.002 min
Response: 5131388
Conc: 48.40 ug/ml



#5 Acenaphthylene (C15.06)

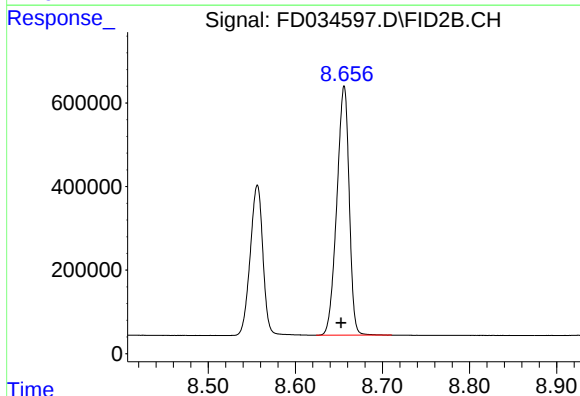
R.T.: 8.360 min
Delta R.T.: 0.003 min
Response: 5762902
Conc: 47.89 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



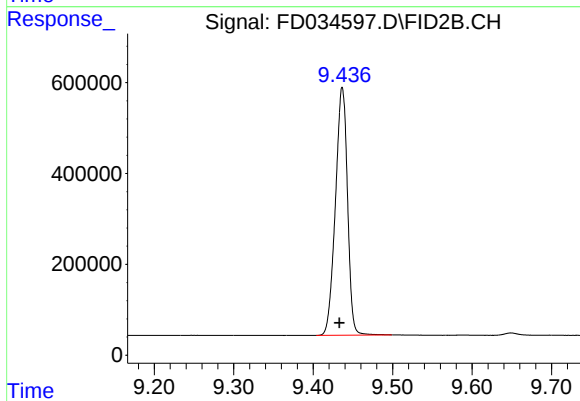
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.556 min
Delta R.T.: 0.002 min
Response: 3641266
Conc: 48.55 ug/ml



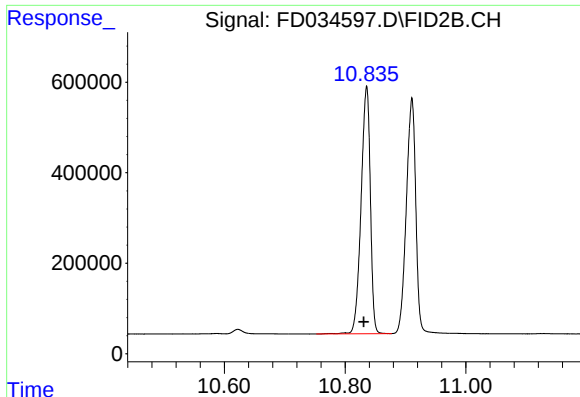
#7 Acenaphthene (C15.5)

R.T.: 8.656 min
Delta R.T.: 0.004 min
Response: 5877171
Conc: 47.95 ug/ml



#8 Flouorene (C16.55)

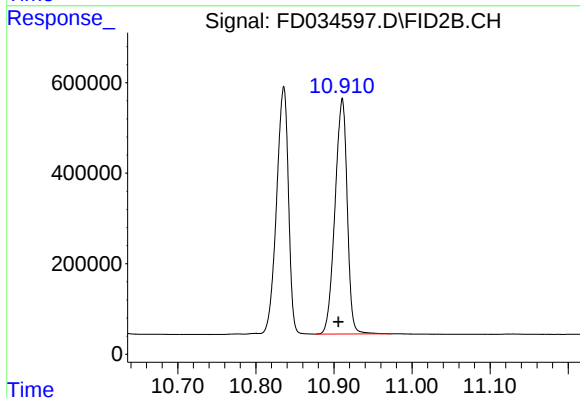
R.T.: 9.437 min
Delta R.T.: 0.004 min
Response: 5763002
Conc: 48.42 ug/ml



#9 Phenanthrene (C19.36)

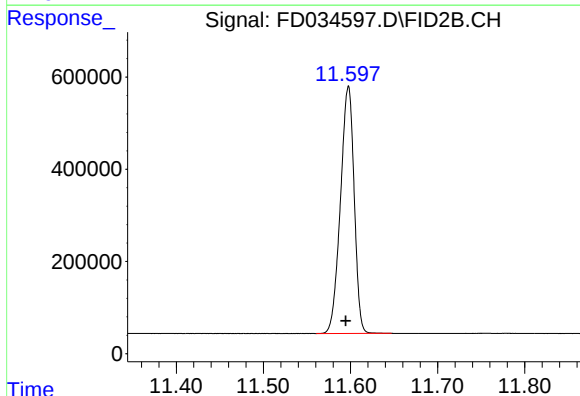
R.T.: 10.836 min
Delta R.T.: 0.005 min
Response: 5806119
Conc: 48.25 ug/ml

Instrument :
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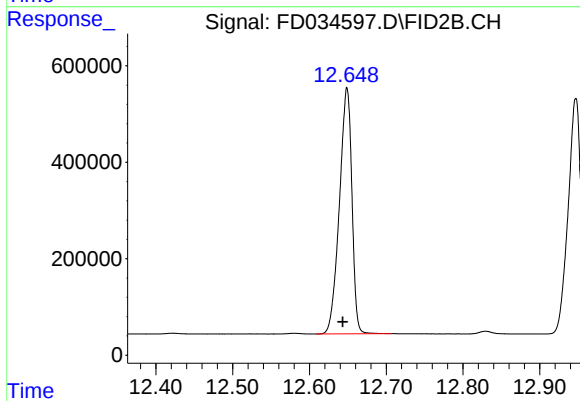
#10 Anthracene (C19.43)

R.T.: 10.911 min
Delta R.T.: 0.005 min
Response: 5660560
Conc: 48.04 ug/ml



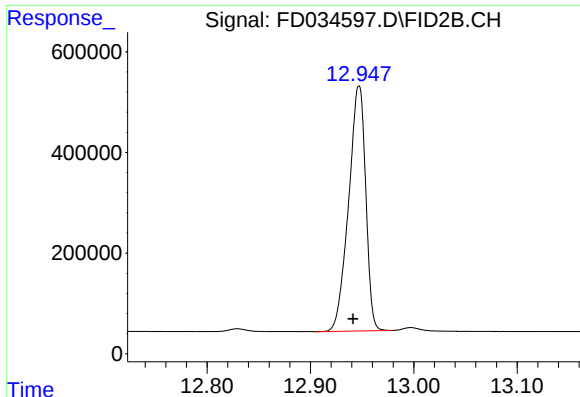
#11 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: 0.003 min
Response: 5864499
Conc: 47.76 ug/ml



#12 Fluoranthene (C21.85)

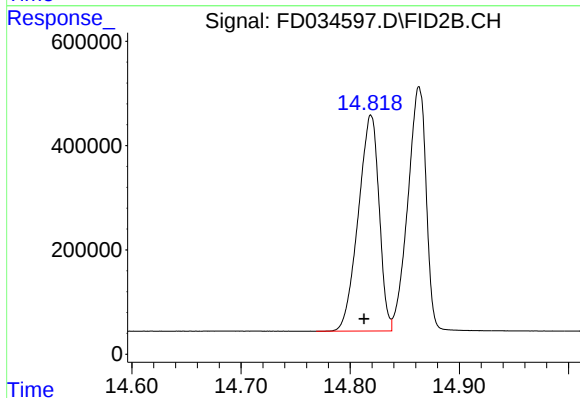
R.T.: 12.649 min
Delta R.T.: 0.005 min
Response: 5772558
Conc: 48.12 ug/ml



#13 Pyrene (C20.8)

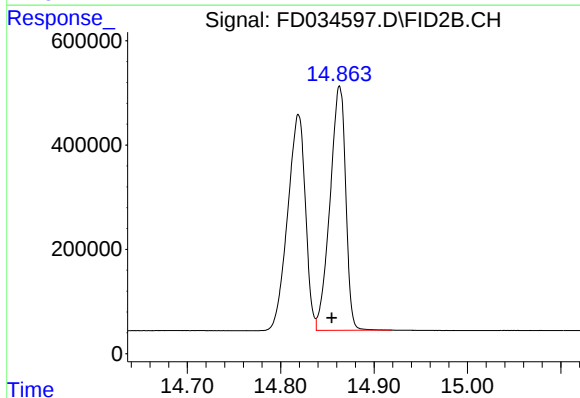
R.T.: 12.947 min
Delta R.T.: 0.006 min
Response: 5596603
Conc: 48.10 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



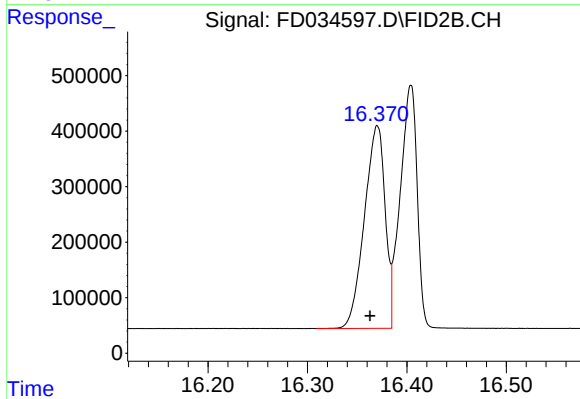
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.819 min
Delta R.T.: 0.006 min
Response: 5479783
Conc: 48.20 ug/ml



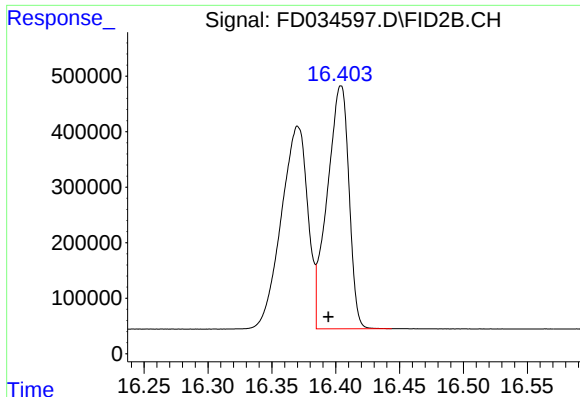
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.008 min
Response: 5478835
Conc: 48.05 ug/ml



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

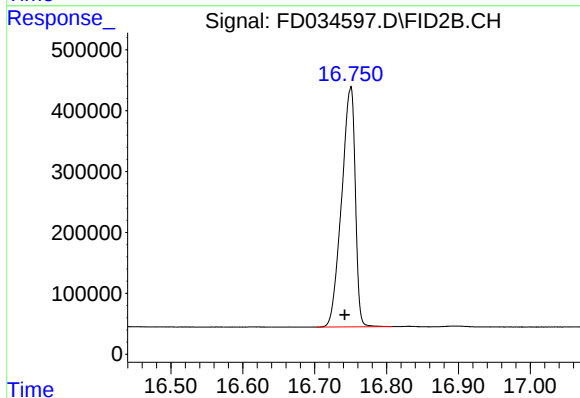
R.T.: 16.370 min
Delta R.T.: 0.007 min
Response: 5288629
Conc: 48.20 ug/ml



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

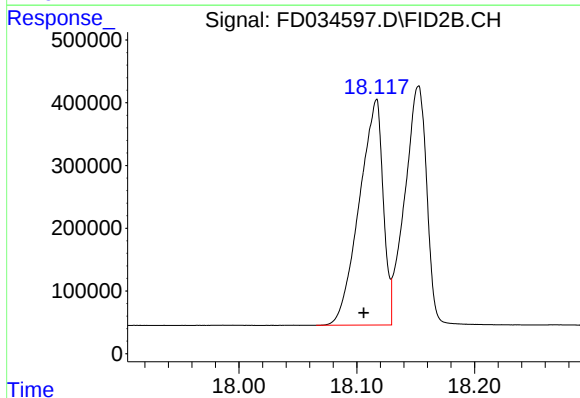
R.T.: 16.404 min
Delta R.T.: 0.010 min
Response: 5182631
Conc: 47.95 ug/ml

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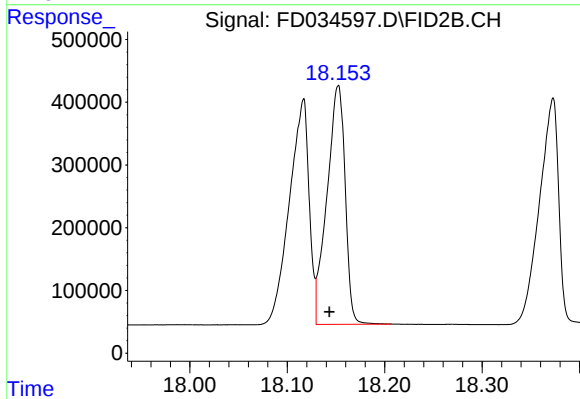
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: 0.008 min
Response: 5199095
Conc: 48.22 ug/ml



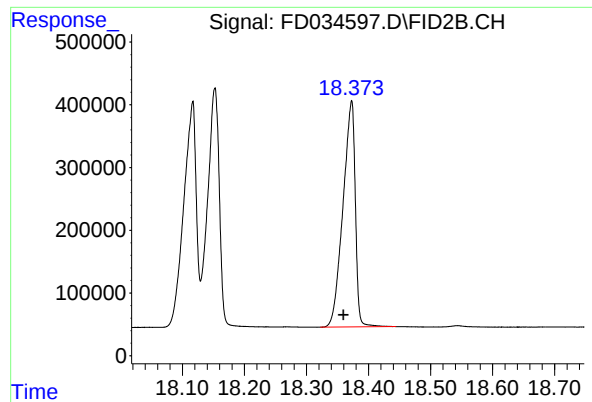
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.116 min
Delta R.T.: 0.011 min
Response: 5066744
Conc: 49.57 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.009 min
Response: 4940152
Conc: 47.63 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.013 min
Response: 4981451
Conc: 48.58 ug/ml

Instrument :
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ClientSampleId :
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