

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
 Data File : FD031784.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2019 21:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 06 03:02:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.646	2668760	21.576 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
6) S 2-Fluorobiphenyl (SURR)	8.508	1852448	21.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.44%
11) S ortho-Terphenyl (SURR)	11.545	2862067	21.632 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	2722305	21.542 ug/ml
2) T Naphthalene (C11.7)	5.987	2903308	21.531 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	2894364	21.507 ug/ml
5) T Acenaphthylene (C15.06)	8.312	2818987	21.627 ug/ml
7) T Acenaphthene (C15.5)	8.607	2929694	21.679 ug/ml
8) T Fluorene (C16.55)	9.386	2919822	21.708 ug/ml
9) T Phenanthrene (C19.36)	10.781	2931786	21.737 ug/ml
10) T Anthracene (C19.43)	10.855	2891542	21.677 ug/ml
12) T Fluoranthene (C21.85)	12.590	2928155	21.642 ug/ml
13) T Pyrene (C20.8)	12.887	2909752	21.709 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2759518	21.661 ug/ml
15) T Chrysene (C27.41)	14.798	2749730	21.552 ug/ml
16) T benzo[b]fluoranthene ...	16.335	2635543	21.394 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	2635543	21.679 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2606522	21.747 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	2460205	21.400 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	2460205	21.795 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	2460642	21.715 ug/ml

(f)=RT Delta > 1/2 Window

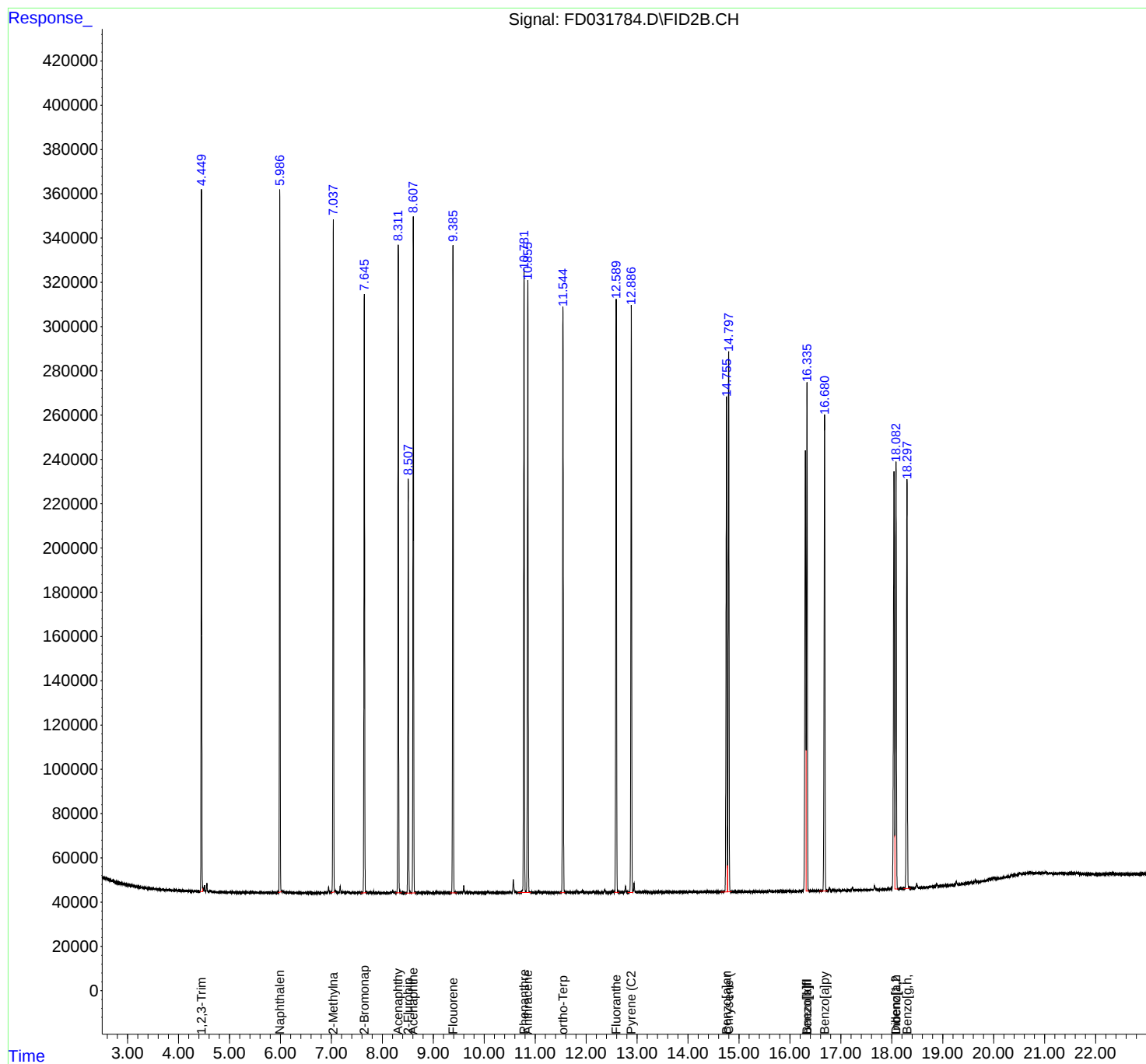
(m)=manual int.

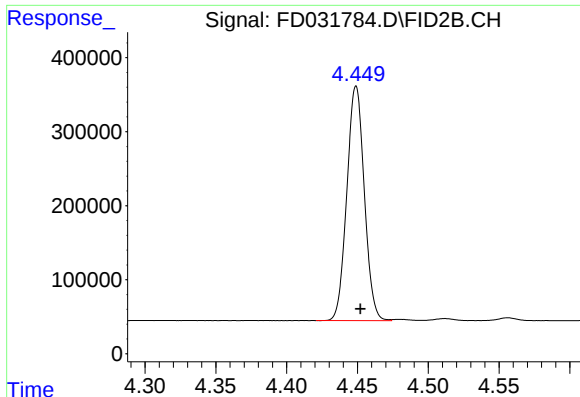
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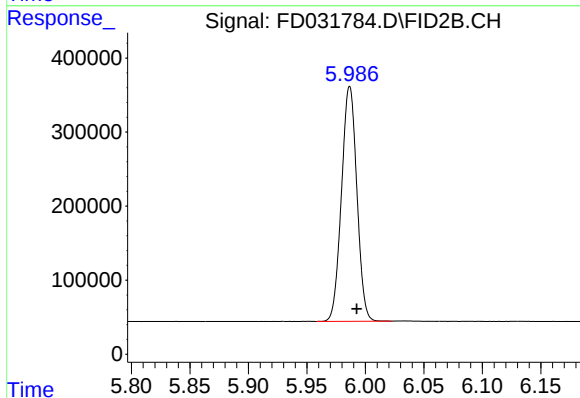




#1 1,2,3-Trimethylbenzene (C10.1)

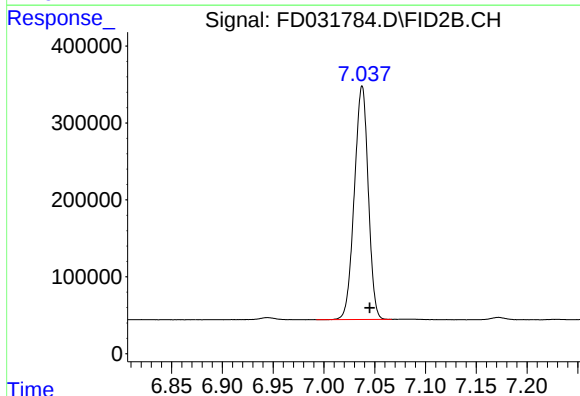
R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 2722305
Conc: 21.54 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



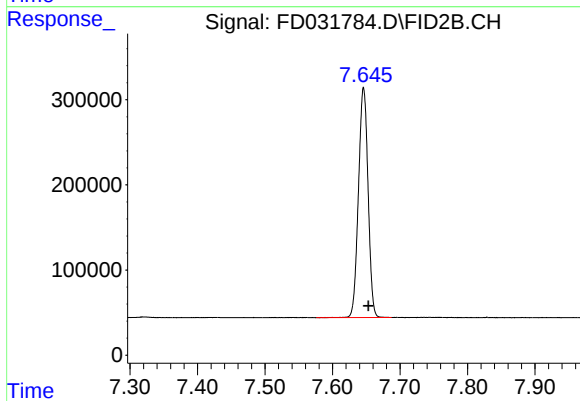
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 2903308
Conc: 21.53 ug/ml



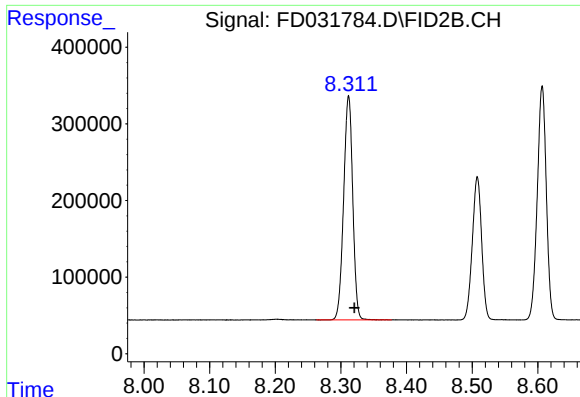
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.008 min
Response: 2894364
Conc: 21.51 ug/ml



#4 2-Bromonaphthalene (SURR)

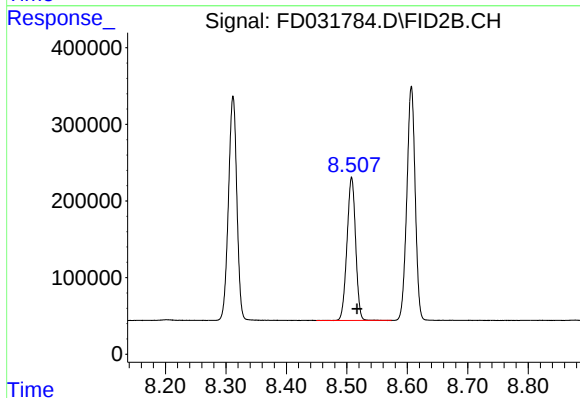
R.T.: 7.646 min
Delta R.T.: -0.007 min
Response: 2668760
Conc: 21.58 ug/ml



#5 Acenaphthylene (C15.06)

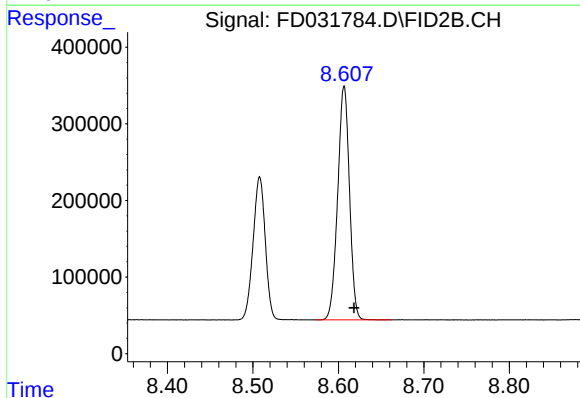
R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 2818987
Conc: 21.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



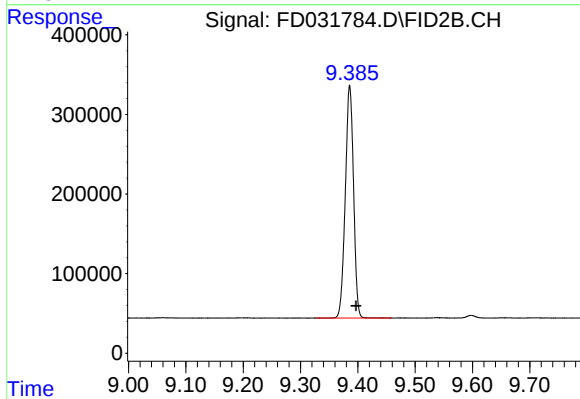
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.508 min
Delta R.T.: -0.009 min
Response: 1852448
Conc: 21.72 ug/ml



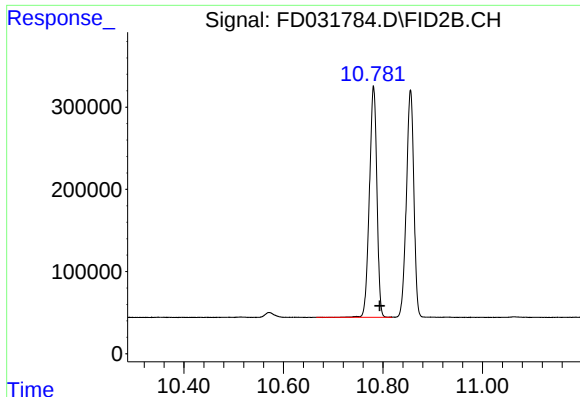
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.012 min
Response: 2929694
Conc: 21.68 ug/ml



#8 Flouorene (C16.55)

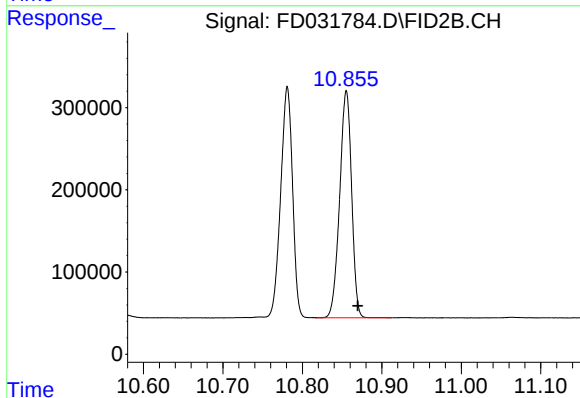
R.T.: 9.386 min
Delta R.T.: -0.011 min
Response: 2919822
Conc: 21.71 ug/ml



#9 Phenanthrene (C19.36)

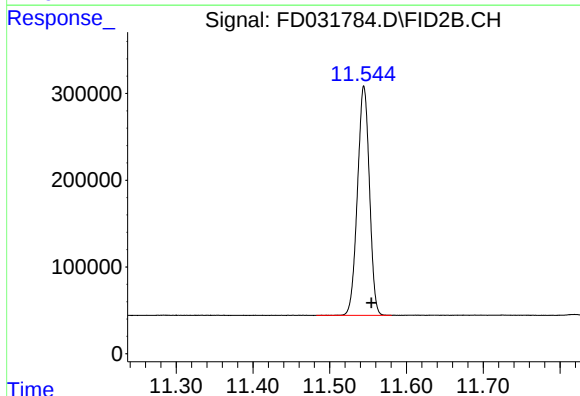
R.T.: 10.781 min
Delta R.T.: -0.012 min
Response: 2931786
Conc: 21.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



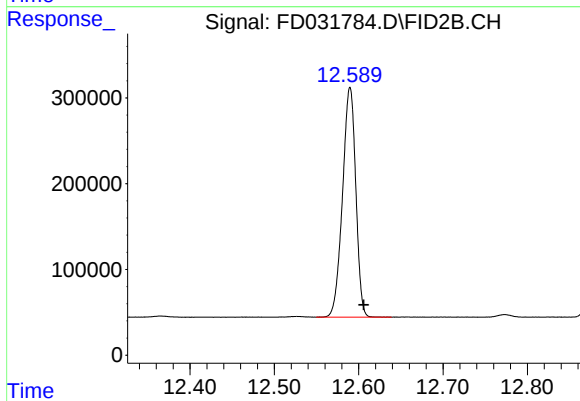
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.014 min
Response: 2891542
Conc: 21.68 ug/ml



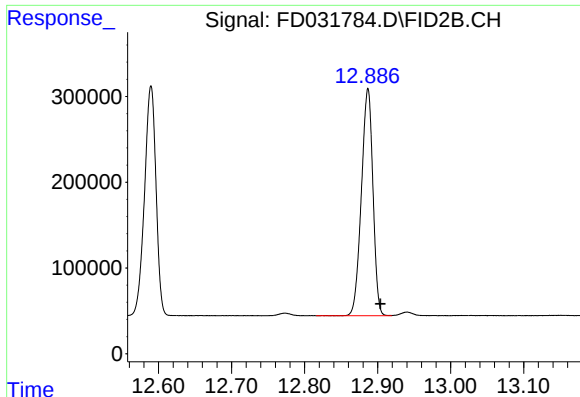
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.010 min
Response: 2862067
Conc: 21.63 ug/ml



#12 Fluoranthene (C21.85)

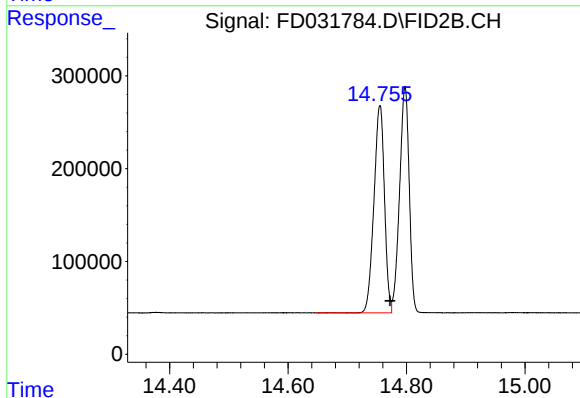
R.T.: 12.590 min
Delta R.T.: -0.016 min
Response: 2928155
Conc: 21.64 ug/ml



#13 Pyrene (C20.8)

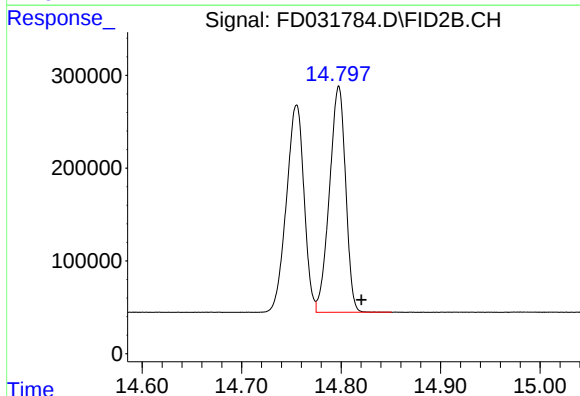
R.T.: 12.887 min
Delta R.T.: -0.017 min
Response: 2909752
Conc: 21.71 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



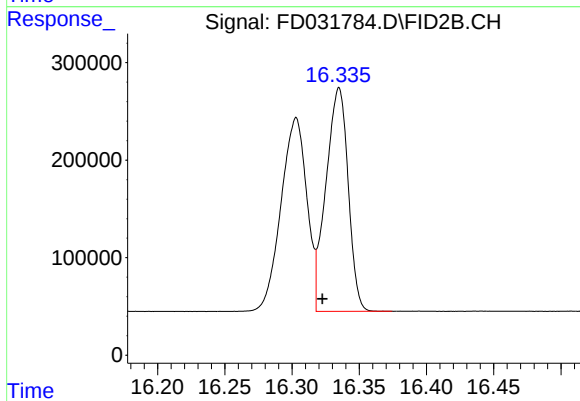
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.017 min
Response: 2759518
Conc: 21.66 ug/ml



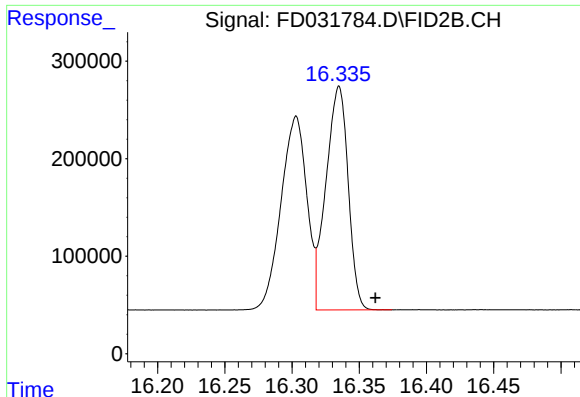
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: -0.023 min
Response: 2749730
Conc: 21.55 ug/ml



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

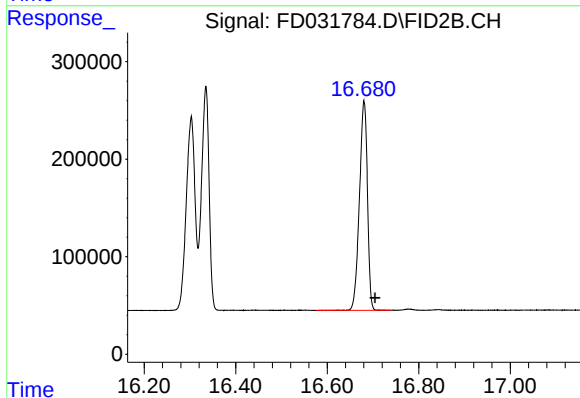
R.T.: 16.335 min
Delta R.T.: 0.012 min
Response: 2635543
Conc: 21.39 ug/ml



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

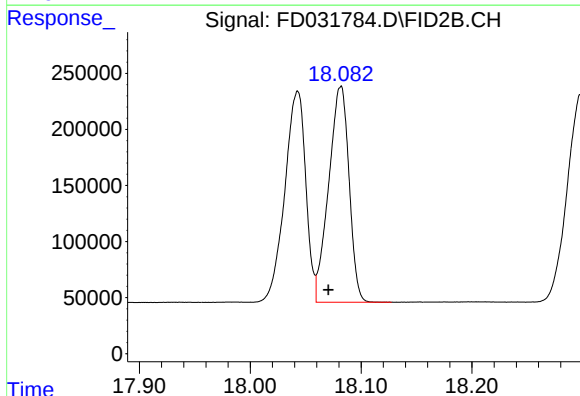
R.T.: 16.335 min
Delta R.T.: -0.027 min
Response: 2635543
Conc: 21.68 ug/ml

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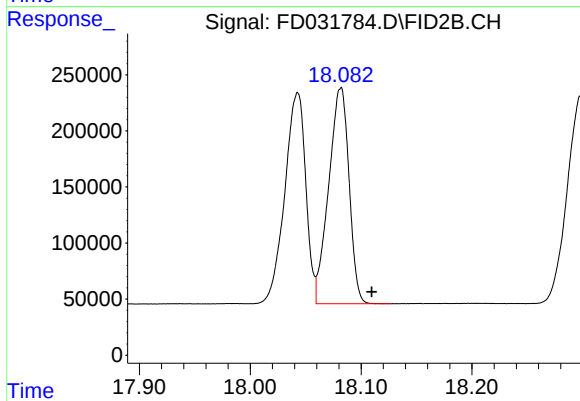
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.024 min
Response: 2606522
Conc: 21.75 ug/ml



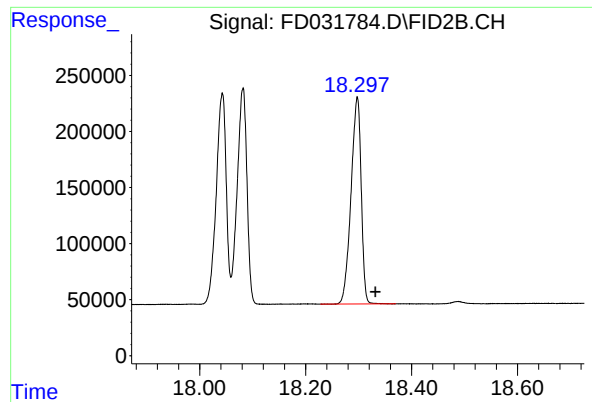
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: 0.011 min
Response: 2460205
Conc: 21.40 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.028 min
Response: 2460205
Conc: 21.79 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.034 min
Response: 2460642
Conc: 21.71 ug/ml

Instrument :
FID_D
ClientSampleId :
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