

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
 Data File : FD036199.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2021 00:47
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 16 05:54:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 05:53:15 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...	7.611	6178211	49.956 ug/ml
Spiked Amount 50.000		Recovery =	99.91%
6) S 2-Fluorobiphenyl (SURR)	8.472	4385022	50.517 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.03%
11) S ortho-Terphenyl (SURR)	11.515	7188837	48.727 ug/ml
Spiked Amount 50.000		Recovery =	97.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	6629978	49.366 ug/ml
2) T Naphthalene (C11.7)	5.948	7161783	49.539 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	7193463	49.887 ug/ml
5) T Acenaphthylene (C15.06)	8.277	6990006	49.533 ug/ml
7) T Acenaphthene (C15.5)	8.573	7210857	49.546 ug/ml
8) T Fluorene (C16.55)	9.353	7076780	49.644 ug/ml
9) T Phenanthrene (C19.36)	10.749	7100425	49.401 ug/ml
10) T Anthracene (C19.43)	10.824	6945192	49.270 ug/ml
12) T Fluoranthene (C21.85)	12.560	7140848	48.547 ug/ml
13) T Pyrene (C20.8)	12.857	7073668	48.448 ug/ml
14) T Benzo[a]anthracene (C...	14.726	6608341	48.325 ug/ml
15) T Chrysene (C27.41)	14.771	6794136	48.376 ug/ml
16) T benzo[b]fluoranthene ...	16.274	6576601	48.218 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	6342366	47.667 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	6009744	47.910 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	6084147	48.258 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	6001101	46.895 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	6013348	47.495 ug/ml

(f)=RT Delta > 1/2 Window

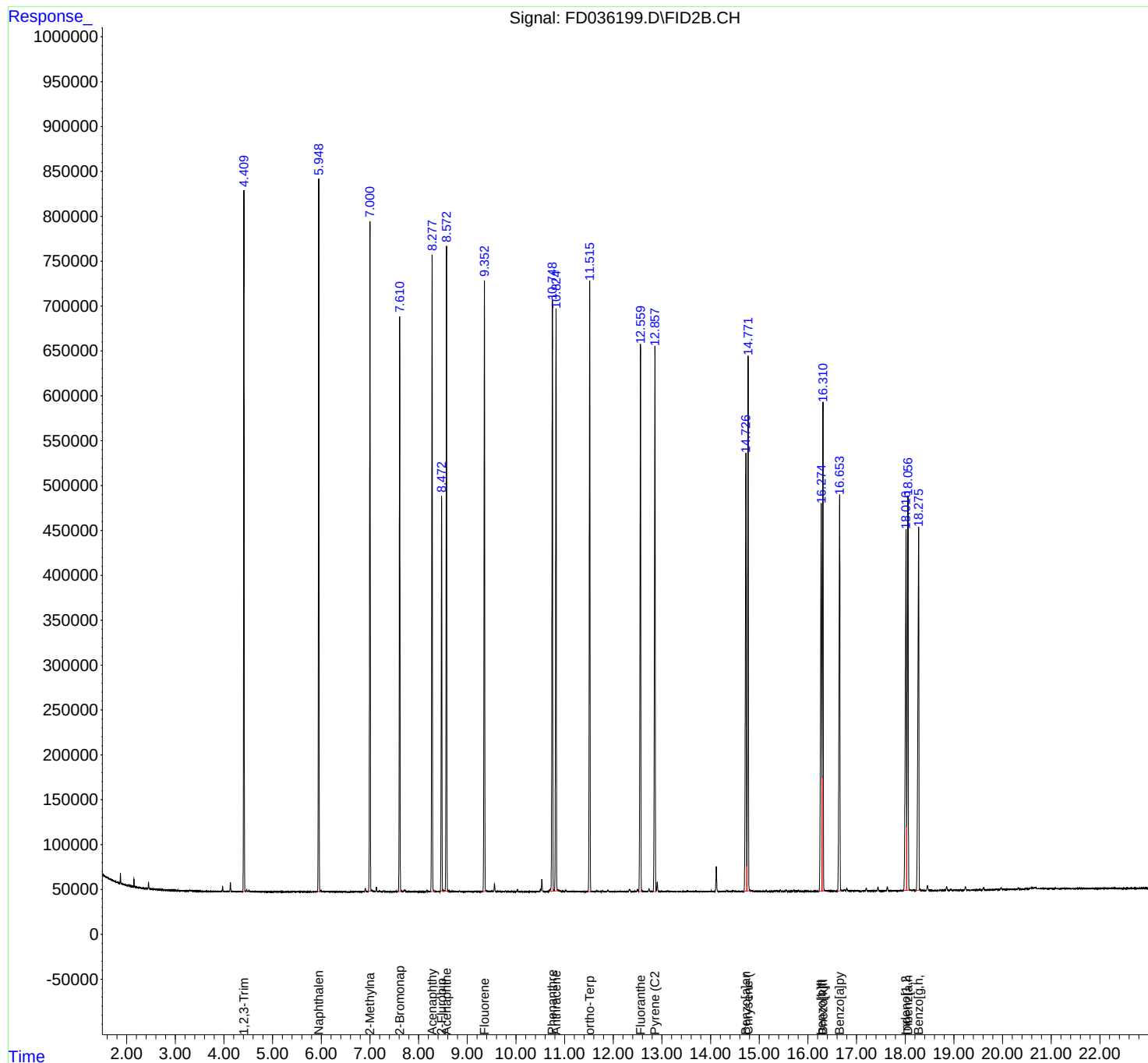
(m)=manual int.

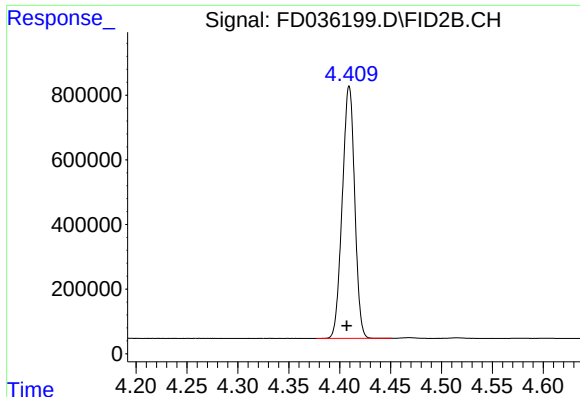
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
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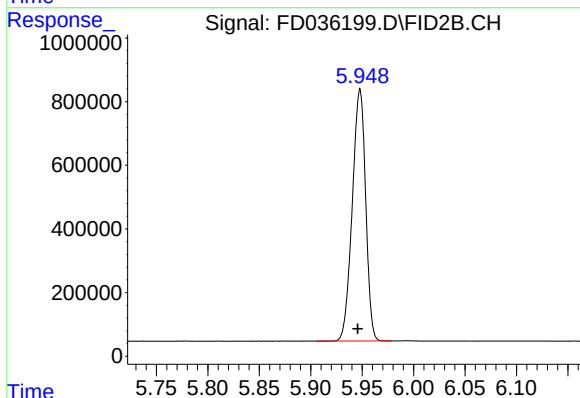




#1 1,2,3-Trimethylbenzene (C10.1)

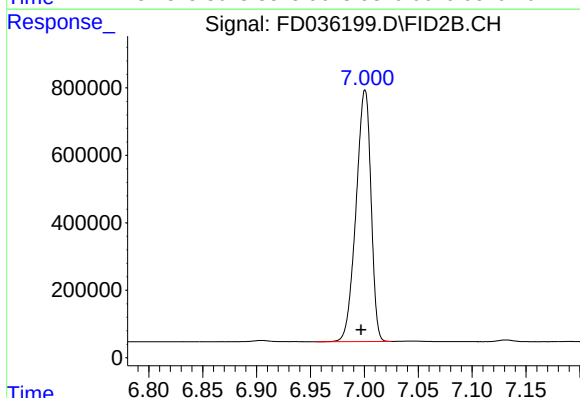
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 6629978
Conc: 49.37 ug/ml

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FID_D
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50 PPM AROMATIC HC STD2



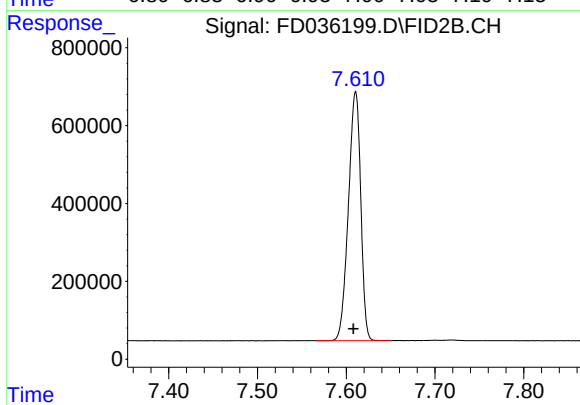
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.002 min
Response: 7161783
Conc: 49.54 ug/ml



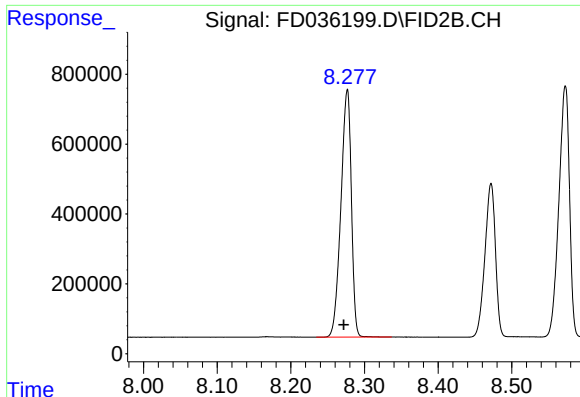
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: 0.004 min
Response: 7193463
Conc: 49.89 ug/ml



#4 2-Bromonaphthalene (SURR)

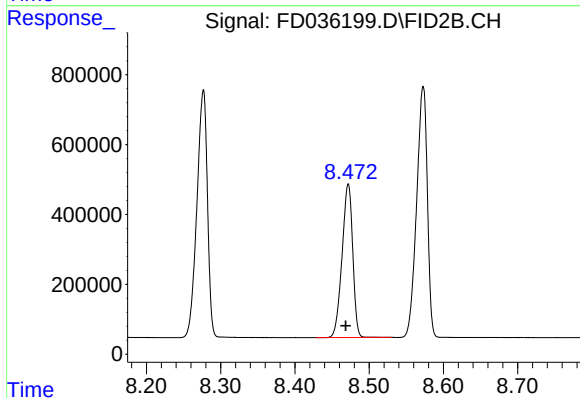
R.T.: 7.611 min
Delta R.T.: 0.003 min
Response: 6178211
Conc: 49.96 ug/ml



#5 Acenaphthylene (C15.06)

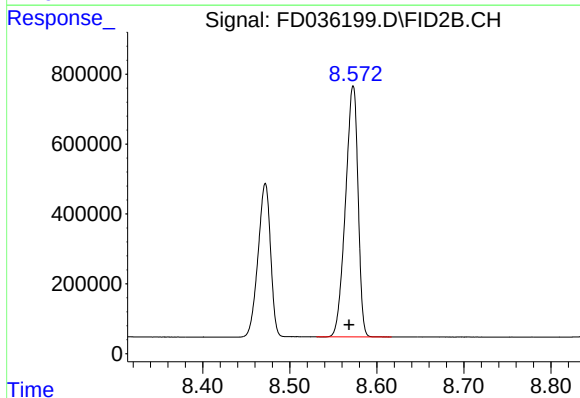
R.T.: 8.277 min
Delta R.T.: 0.005 min
Response: 6990006
Conc: 49.53 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



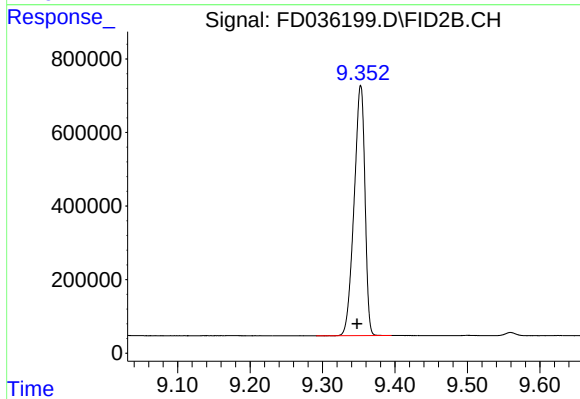
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: 0.003 min
Response: 4385022
Conc: 50.52 ug/ml



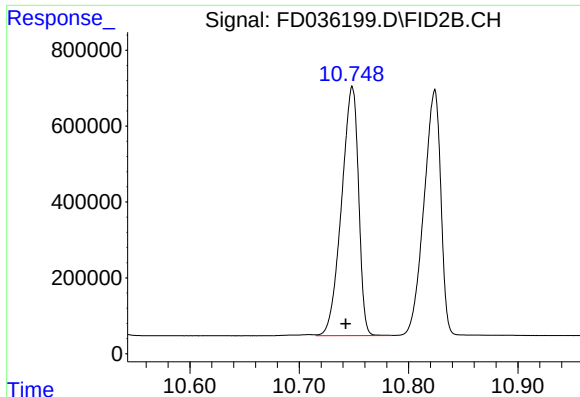
#7 Acenaphthene (C15.5)

R.T.: 8.573 min
Delta R.T.: 0.005 min
Response: 7210857
Conc: 49.55 ug/ml



#8 Flouorene (C16.55)

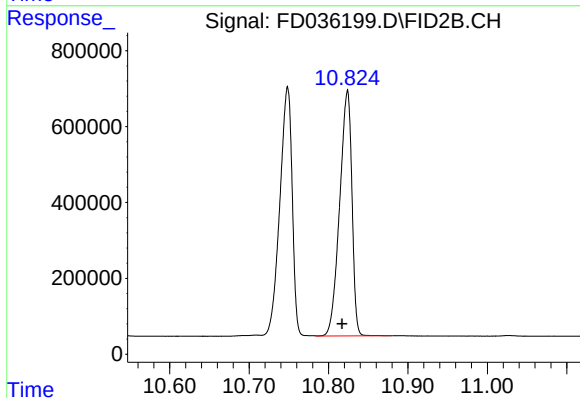
R.T.: 9.353 min
Delta R.T.: 0.005 min
Response: 7076780
Conc: 49.64 ug/ml



#9 Phenanthrene (C19.36)

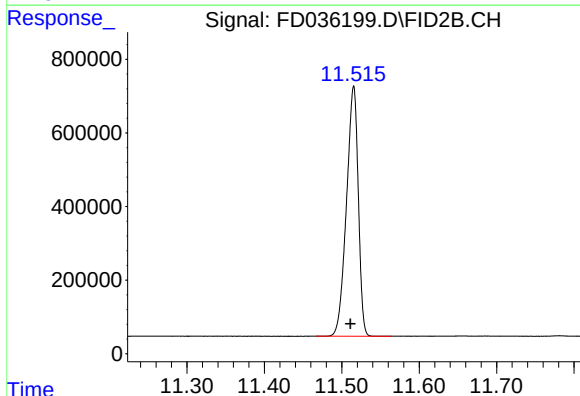
R.T.: 10.749 min
Delta R.T.: 0.006 min
Response: 7100425
Conc: 49.40 ug/ml

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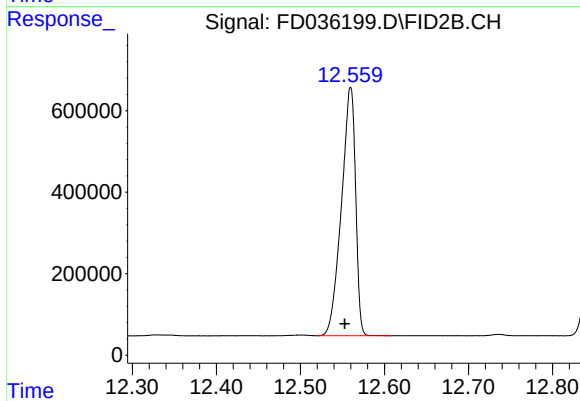
#10 Anthracene (C19.43)

R.T.: 10.824 min
Delta R.T.: 0.007 min
Response: 6945192
Conc: 49.27 ug/ml



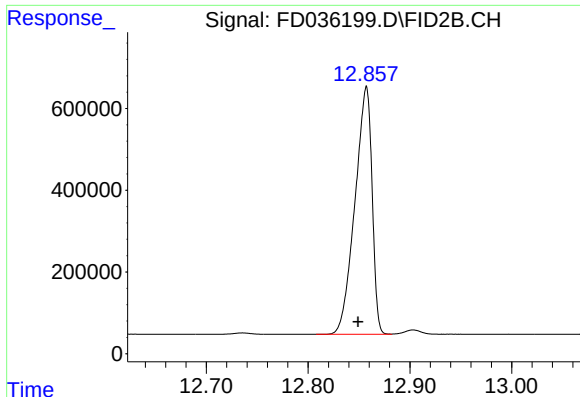
#11 ortho-Terphenyl (SURR)

R.T.: 11.515 min
Delta R.T.: 0.004 min
Response: 7188837
Conc: 48.73 ug/ml



#12 Fluoranthene (C21.85)

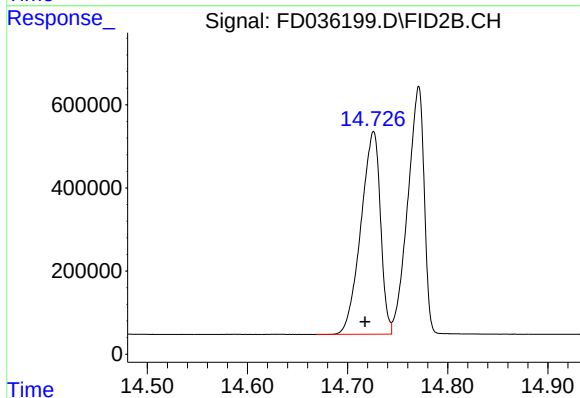
R.T.: 12.560 min
Delta R.T.: 0.007 min
Response: 7140848
Conc: 48.55 ug/ml



#13 Pyrene (C20.8)

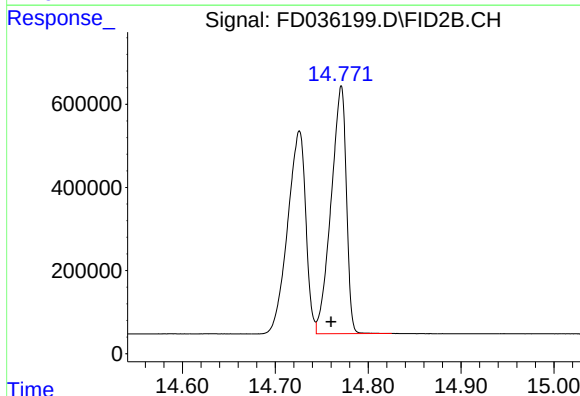
R.T.: 12.857 min
Delta R.T.: 0.008 min
Response: 7073668
Conc: 48.45 ug/ml

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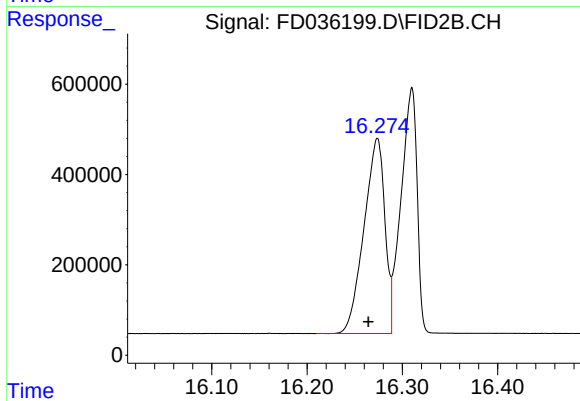
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.726 min
Delta R.T.: 0.009 min
Response: 6608341
Conc: 48.33 ug/ml



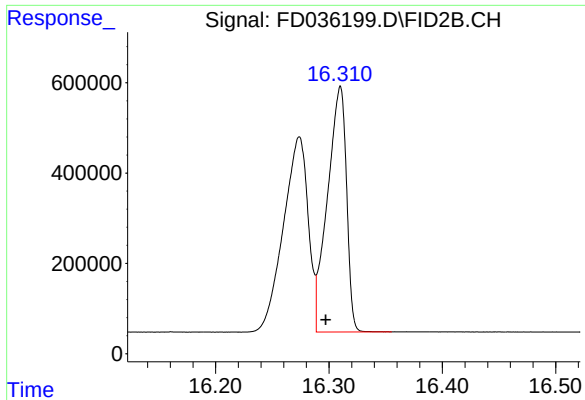
#15 Chrysene (C27.41)

R.T.: 14.771 min
Delta R.T.: 0.011 min
Response: 6794136
Conc: 48.38 ug/ml



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

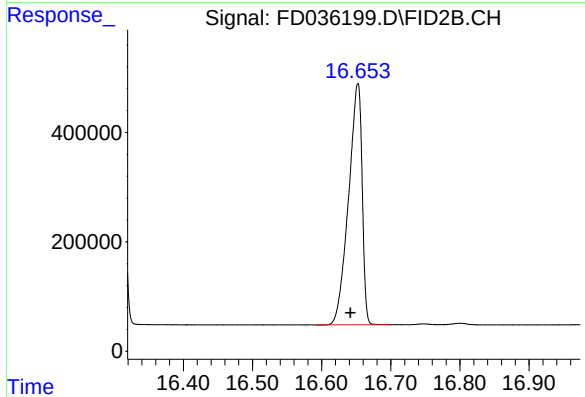
R.T.: 16.274 min
Delta R.T.: 0.009 min
Response: 6576601
Conc: 48.22 ug/ml



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

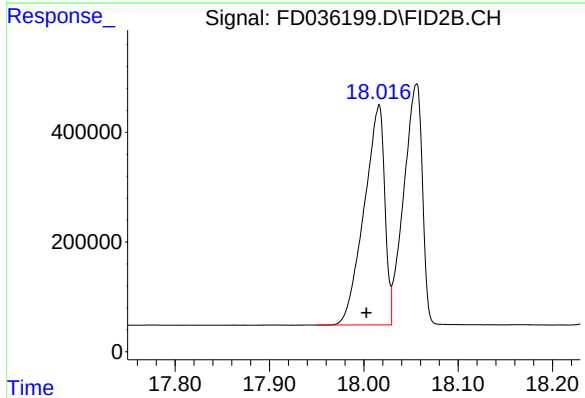
R.T.: 16.310 min
Delta R.T.: 0.013 min
Response: 6342366
Conc: 47.67 ug/ml

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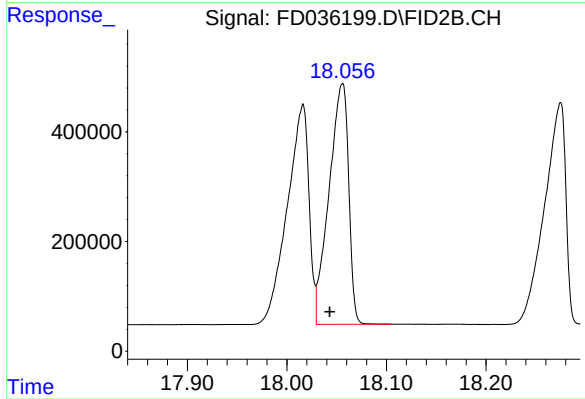
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: 0.011 min
Response: 6009744
Conc: 47.91 ug/ml



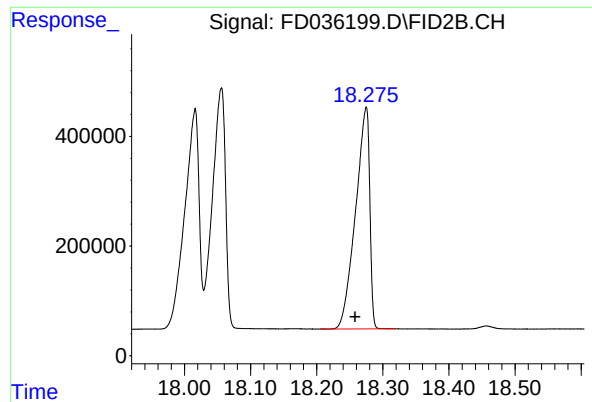
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: 0.013 min
Response: 6084147
Conc: 48.26 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.013 min
Response: 6001101
Conc: 46.90 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.017 min
Response: 6013348
Conc: 47.49 ug/ml

Instrument :
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