

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082420AR\
 Data File : FD034492.D
 Signal(s) : FID2B.CH
 Acq On : 24 Aug 2020 10:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 25 02:23:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.697	2186864	18.705 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
6) S 2-Fluorobiphenyl (SURR)	8.564	1519999	18.334 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.67%
11) S ortho-Terphenyl (SURR)	11.604	2470257	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2438522	19.132 ug/ml
2) T Naphthalene (C11.7)	6.034	2518527	18.825 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2517885	18.654 ug/ml
5) T Acenaphthylene (C15.06)	8.366	2424018	18.316 ug/ml
7) T Acenaphthene (C15.5)	8.662	2491110	18.523 ug/ml
8) T Flouorene (C16.55)	9.443	2417811	18.190 ug/ml
9) T Phenanthrene (C19.36)	10.842	2391374	17.841 ug/ml
10) T Anthracene (C19.43)	10.916	2043159	15.394 ug/ml
12) T Fluoranthene (C21.85)	12.655	2409071	17.725 ug/ml
13) T Pyrene (C20.8)	12.954	2343828	17.602 ug/ml
14) T Benzo[a]anthracene (C...	14.825	2247419	17.124 ug/ml
15) T Chrysene (C27.41)	14.867	2282481	17.409 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2258808	17.656 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2211460	17.855 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.756	2230231	17.813 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.120	2197691	18.265 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2182690	18.489 ug/ml
21) T Benzo[g,h,i]perylene ...	18.375	2212164	18.670 ug/ml

(f)=RT Delta > 1/2 Window

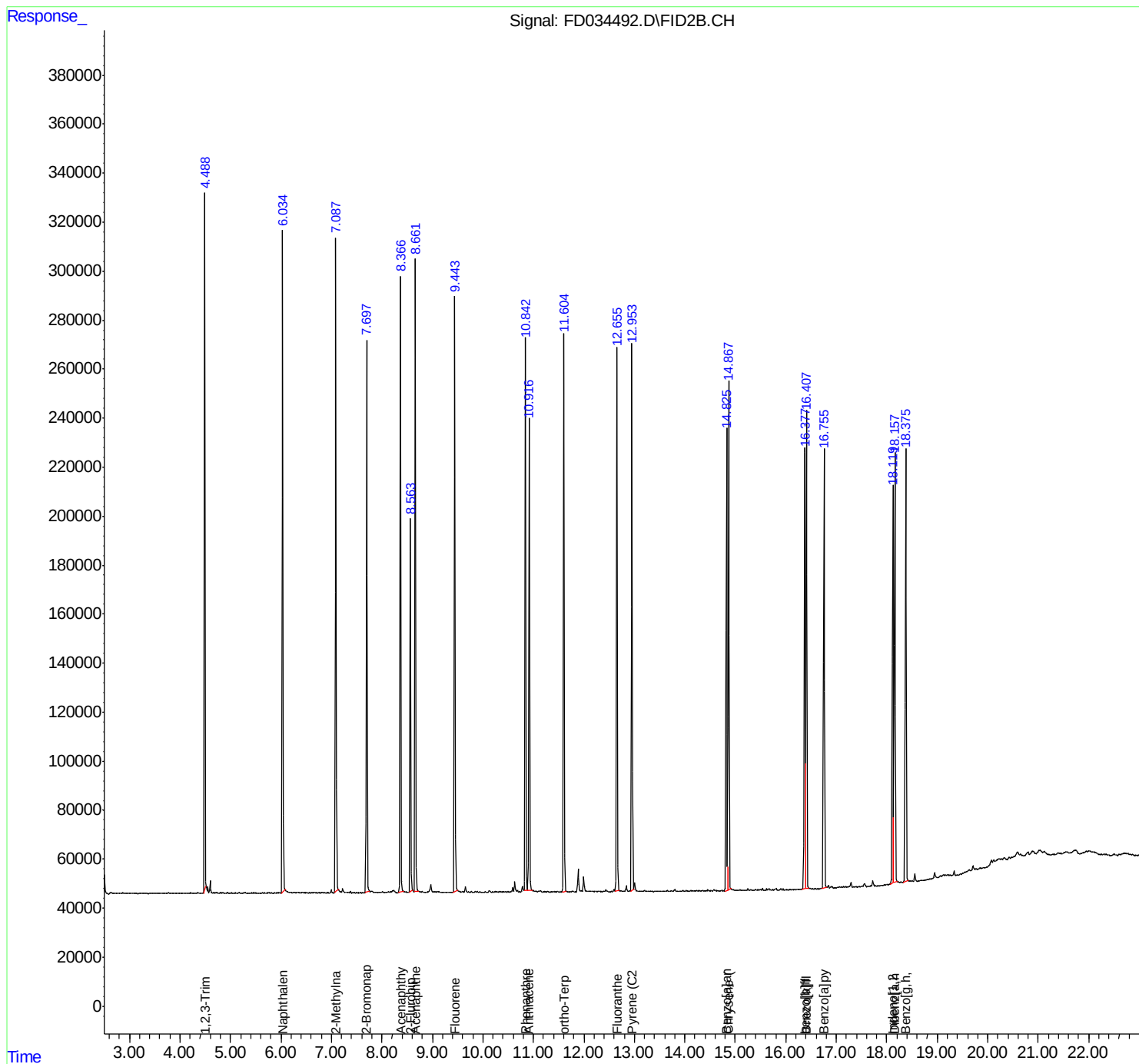
(m)=manual int.

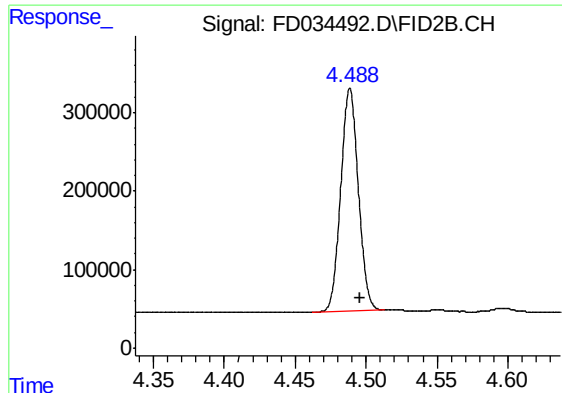
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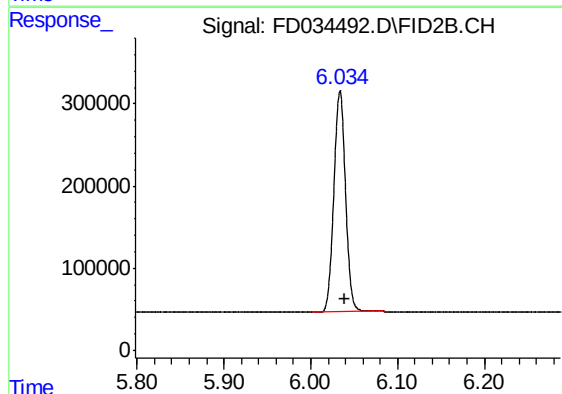




#1 1,2,3-Trimethylbenzene (C10.1)

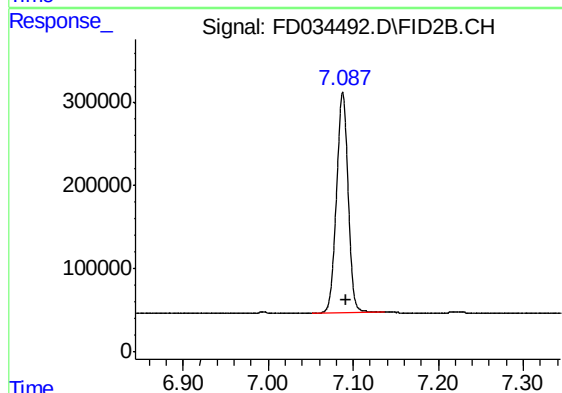
R.T.: 4.489 min
Delta R.T.: -0.007 min
Response: 2438522
Conc: 19.13 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



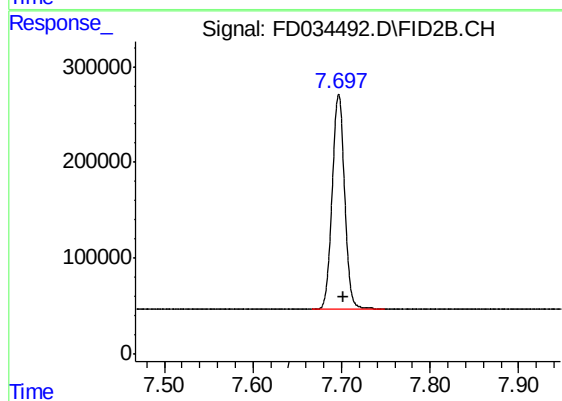
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.005 min
Response: 2518527
Conc: 18.82 ug/ml



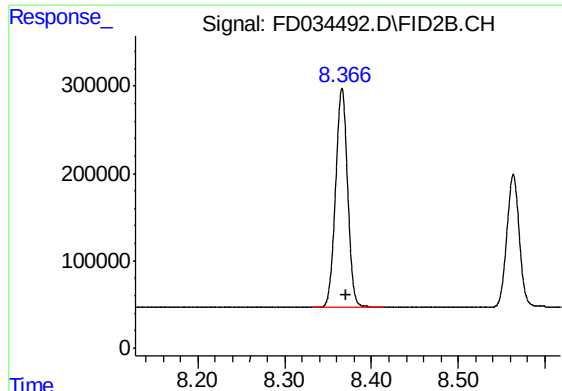
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 2517885
Conc: 18.65 ug/ml



#4 2-Bromonaphthalene (SURR)

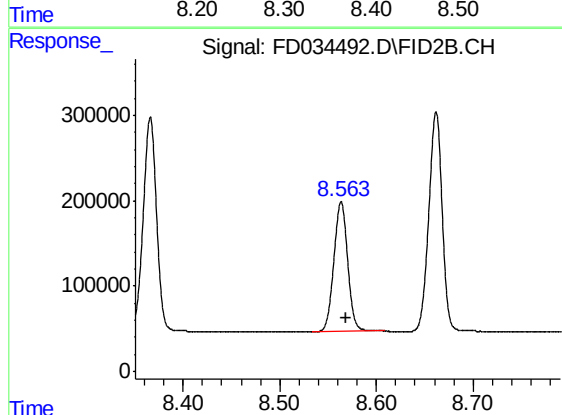
R.T.: 7.697 min
Delta R.T.: -0.005 min
Response: 2186864
Conc: 18.71 ug/ml



#5 Acenaphthylene (C15.06)

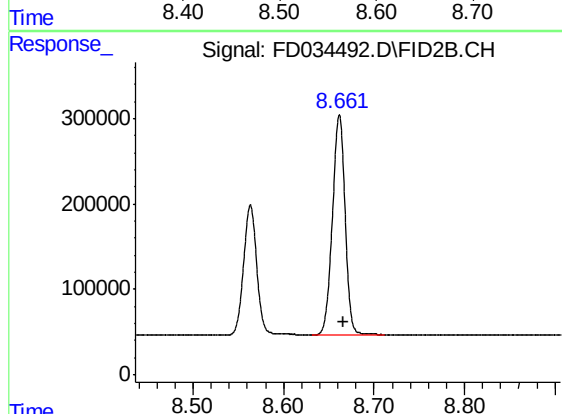
R.T.: 8.366 min
Delta R.T.: -0.005 min
Response: 2424018
Conc: 18.32 ug/ml

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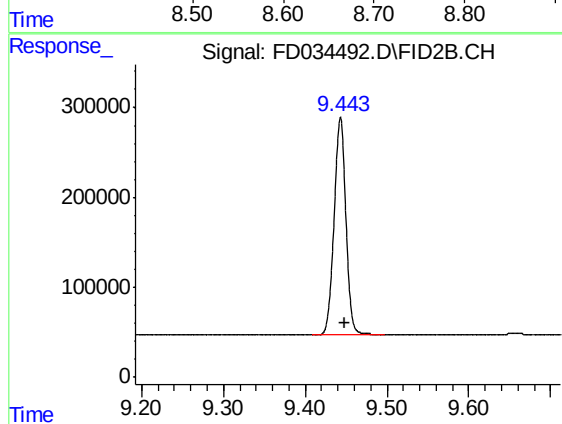
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 1519999
Conc: 18.33 ug/ml



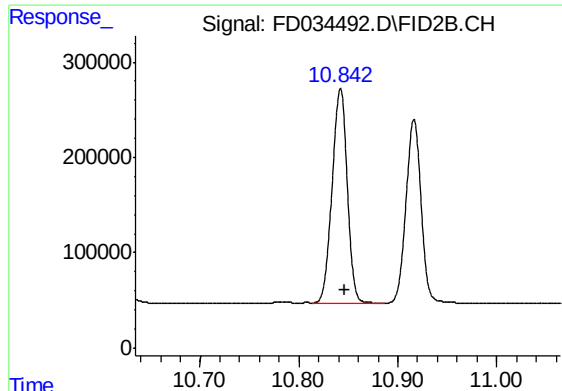
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 2491110
Conc: 18.52 ug/ml



#8 Fluorene (C16.55)

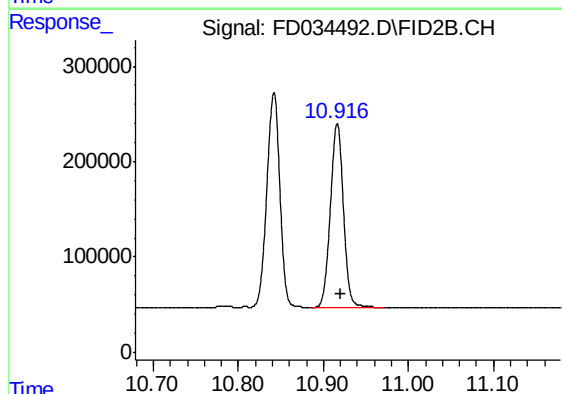
R.T.: 9.443 min
Delta R.T.: -0.005 min
Response: 2417811
Conc: 18.19 ug/ml



#9 Phenanthrene (C19.36)

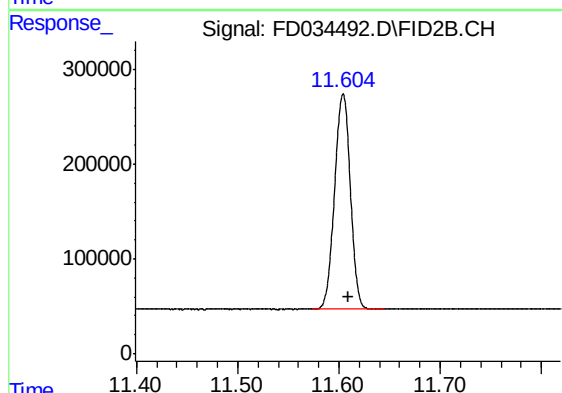
R.T.: 10.842 min
Delta R.T.: -0.004 min
Response: 2391374
Conc: 17.84 ug/ml

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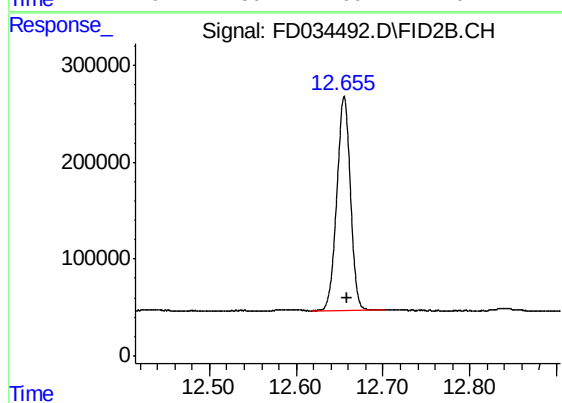
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: -0.004 min
Response: 2043159
Conc: 15.39 ug/ml



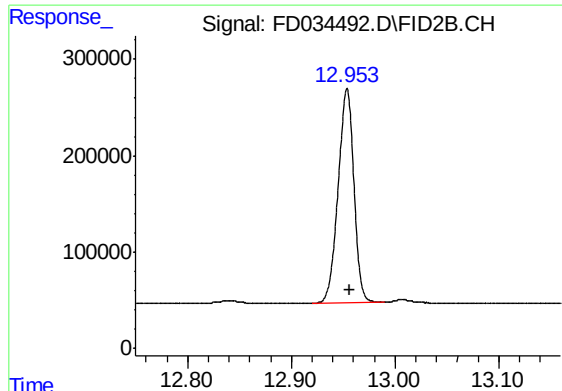
#11 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.005 min
Response: 2470257
Conc: 18.18 ug/ml



#12 Fluoranthene (C21.85)

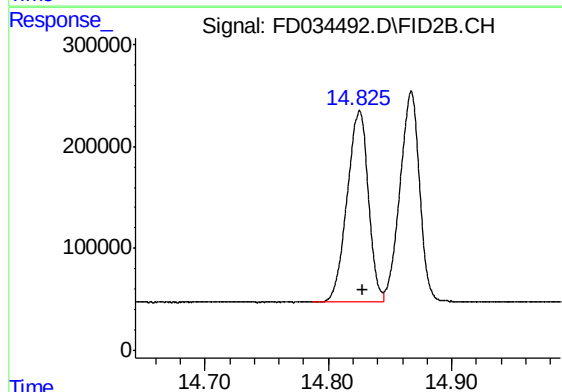
R.T.: 12.655 min
Delta R.T.: -0.003 min
Response: 2409071
Conc: 17.72 ug/ml



#13 Pyrene (C20.8)

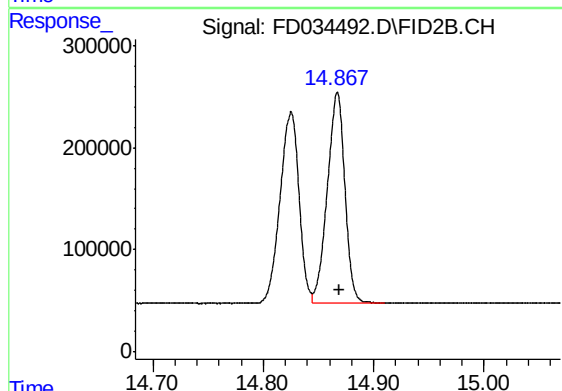
R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 2343828
Conc: 17.60 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



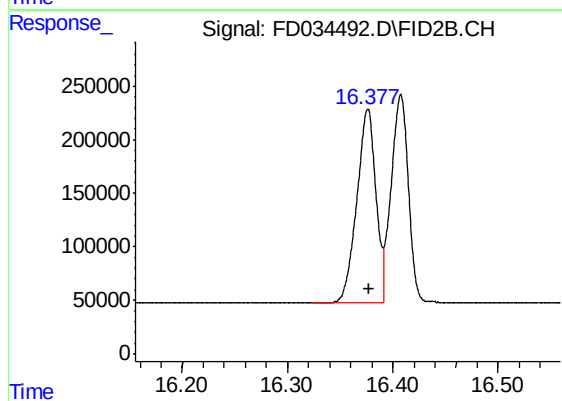
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.825 min
Delta R.T.: -0.002 min
Response: 2247419
Conc: 17.12 ug/ml



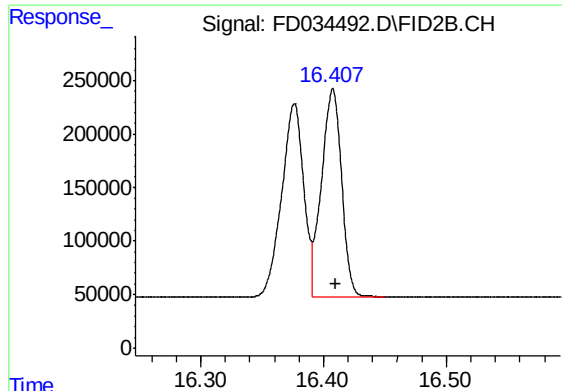
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.002 min
Response: 2282481
Conc: 17.41 ug/ml



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

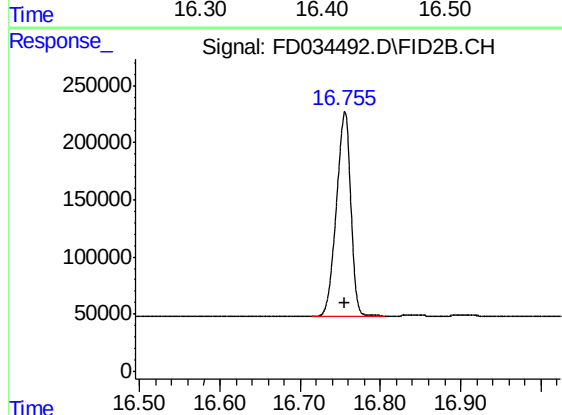
R.T.: 16.376 min
Delta R.T.: -0.001 min
Response: 2258808
Conc: 17.66 ug/ml



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

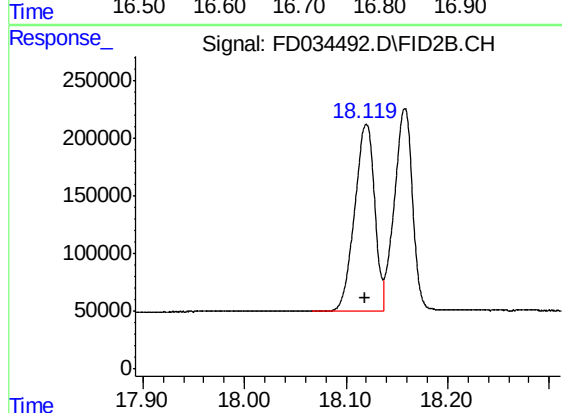
R.T.: 16.408 min
Delta R.T.: -0.002 min
Response: 2211460
Conc: 17.86 ug/ml

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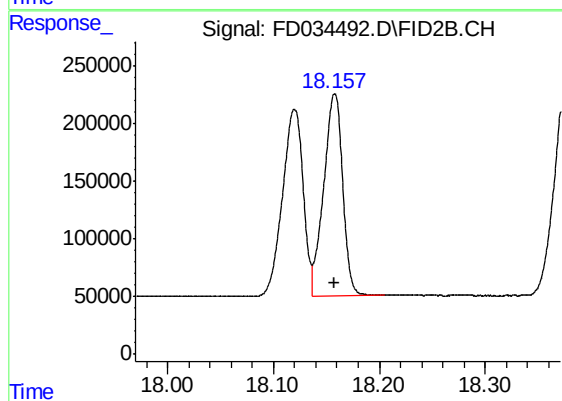
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.756 min
Delta R.T.: 0.000 min
Response: 2230231
Conc: 17.81 ug/ml



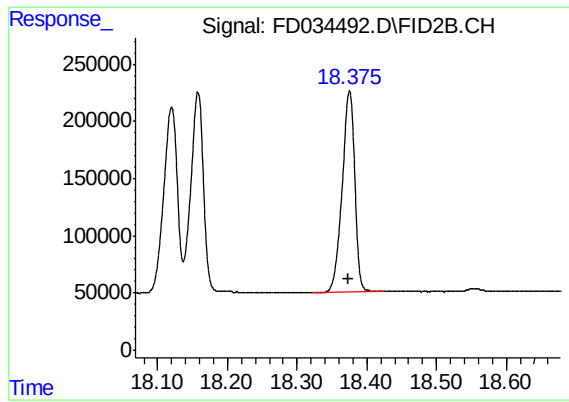
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.120 min
Delta R.T.: 0.001 min
Response: 2197691
Conc: 18.26 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 2182690
Conc: 18.49 ug/ml



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

R.T.: 18.375 min
Delta R.T.: 0.000 min
Response: 2212164
Conc: 18.67 ug/ml

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