

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
 Data File : FD036320.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 8:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 04 08:44:33 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...	7.609	2331883	19.783 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	8.470	1655195	19.889 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.78%
11) S ortho-Terphenyl (SURR)	11.512	2800008	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	2456495	19.593 ug/ml
2) T Naphthalene (C11.7)	5.946	2663203	19.653 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	2694824	19.735 ug/ml
5) T Acenaphthylene (C15.06)	8.274	2662660	19.791 ug/ml
7) T Acenaphthene (C15.5)	8.570	2748251	19.855 ug/ml
8) T Flouorene (C16.55)	9.350	2711381	19.868 ug/ml
9) T Phenanthrene (C19.36)	10.745	2747397	19.941 ug/ml
10) T Anthracene (C19.43)	10.820	2680739	19.967 ug/ml
12) T Fluoranthene (C21.85)	12.556	2761383	19.884 ug/ml
13) T Pyrene (C20.8)	12.853	2729031	19.906 ug/ml
14) T Benzo[a]anthracene (C...	14.722	2512537	19.864 ug/ml
15) T Chrysene (C27.41)	14.764	2568614	19.835 ug/ml
16) T benzo[b]fluoranthene ...	16.269	2397647	19.701 ug/ml
17) T Bnezo[k]fluoranthene ...	16.302	2321133	19.711 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	2169414	19.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	2153418	19.463 ug/ml
20) T Dibenz[a,h]anthracene...	18.049	2189157	19.782 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	2164725	19.577 ug/ml

(f)=RT Delta > 1/2 Window

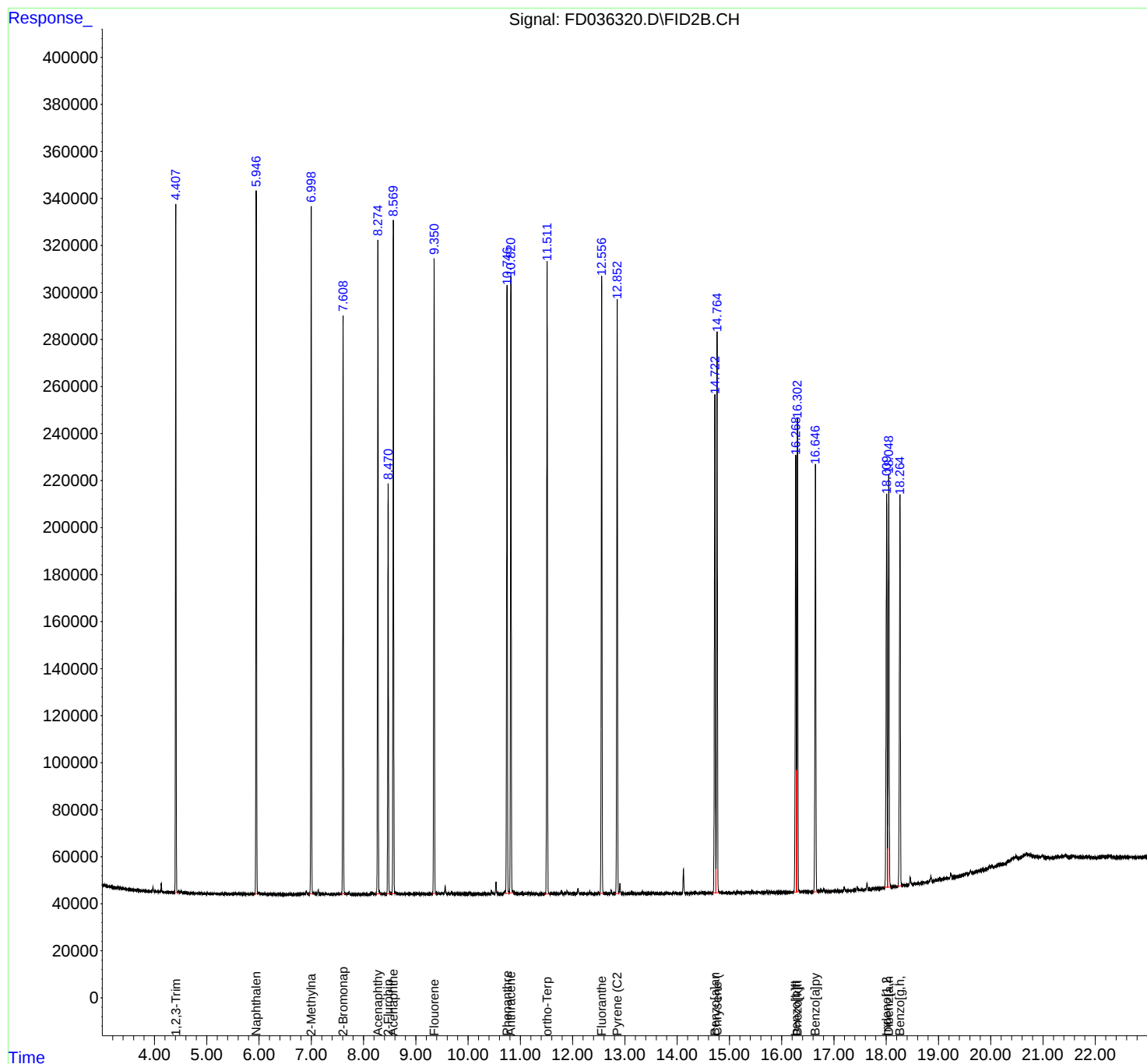
(m)=manual int.

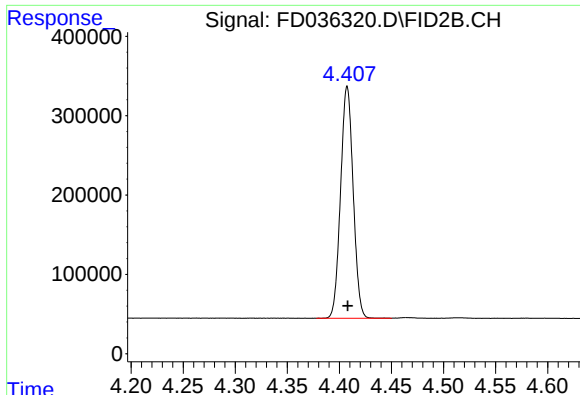
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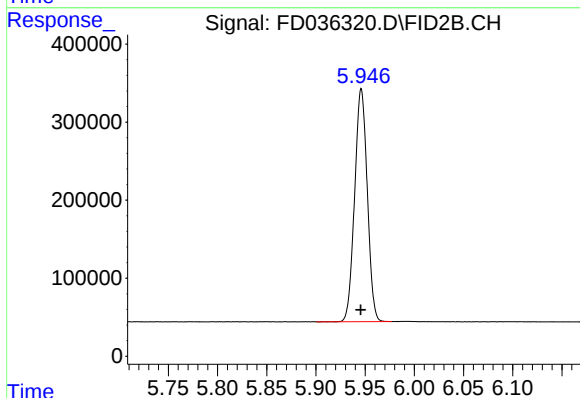




#1 1,2,3-Trimethylbenzene (C10.1)

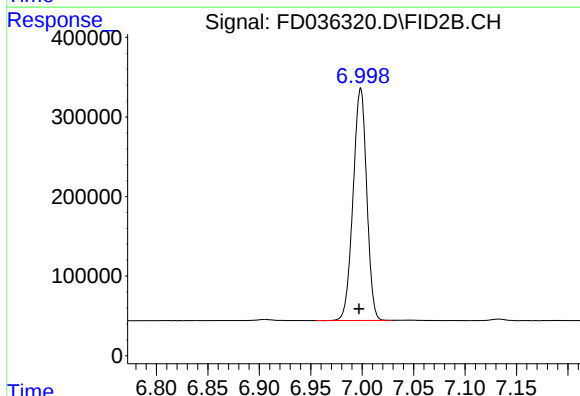
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 2456495
Conc: 19.59 ug/ml

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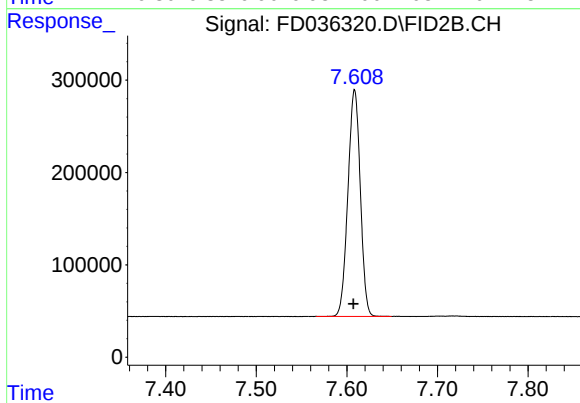
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2663203
Conc: 19.65 ug/ml



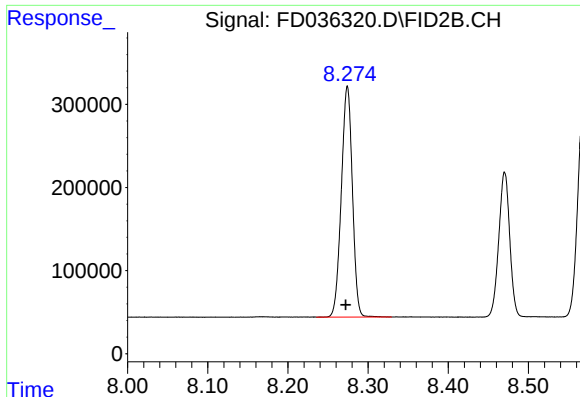
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 2694824
Conc: 19.73 ug/ml



#4 2-Bromonaphthalene (SURR)

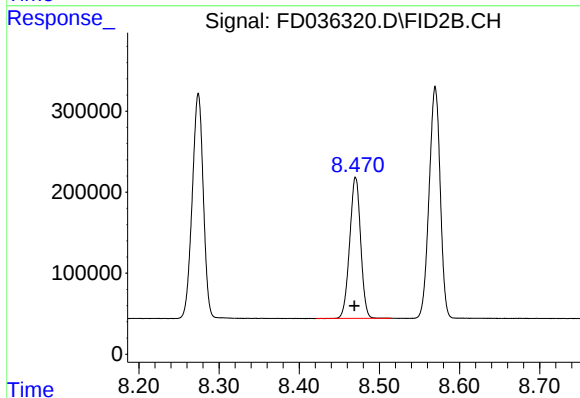
R.T.: 7.609 min
Delta R.T.: 0.001 min
Response: 2331883
Conc: 19.78 ug/ml



#5 Acenaphthylene (C15.06)

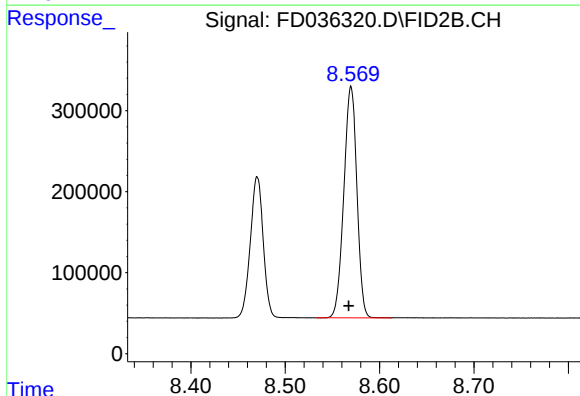
R.T.: 8.274 min
Delta R.T.: 0.002 min
Response: 2662660
Conc: 19.79 ug/ml

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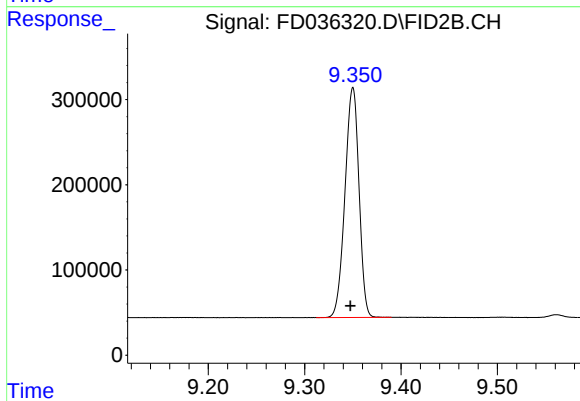
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.470 min
Delta R.T.: 0.001 min
Response: 1655195
Conc: 19.89 ug/ml



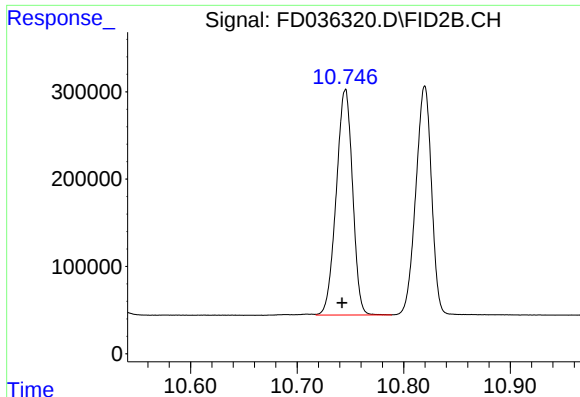
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: 0.003 min
Response: 2748251
Conc: 19.86 ug/ml



#8 Flouorene (C16.55)

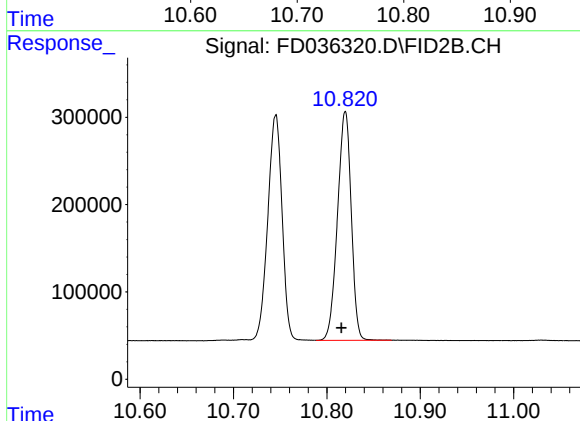
R.T.: 9.350 min
Delta R.T.: 0.003 min
Response: 2711381
Conc: 19.87 ug/ml



#9 Phenanthrene (C19.36)

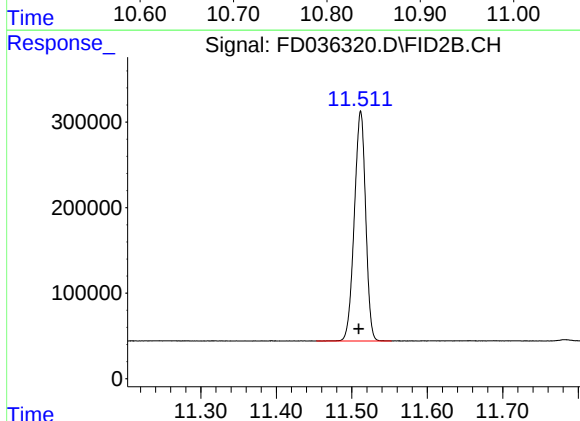
R.T.: 10.745 min
Delta R.T.: 0.003 min
Response: 2747397
Conc: 19.94 ug/ml

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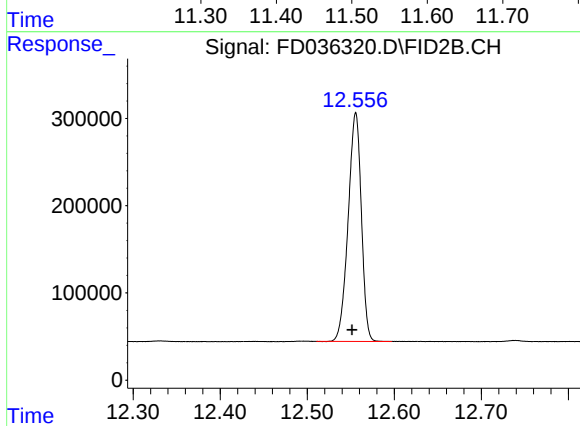
#10 Anthracene (C19.43)

R.T.: 10.820 min
Delta R.T.: 0.004 min
Response: 2680739
Conc: 19.97 ug/ml



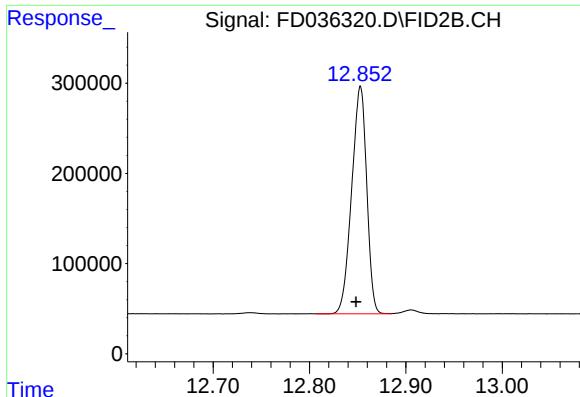
#11 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.002 min
Response: 2800008
Conc: 19.87 ug/ml



#12 Fluoranthene (C21.85)

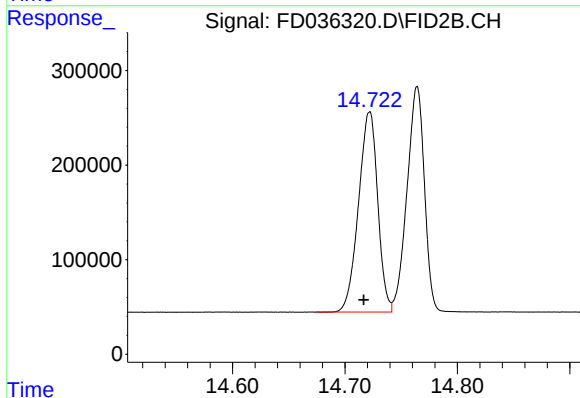
R.T.: 12.556 min
Delta R.T.: 0.005 min
Response: 2761383
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

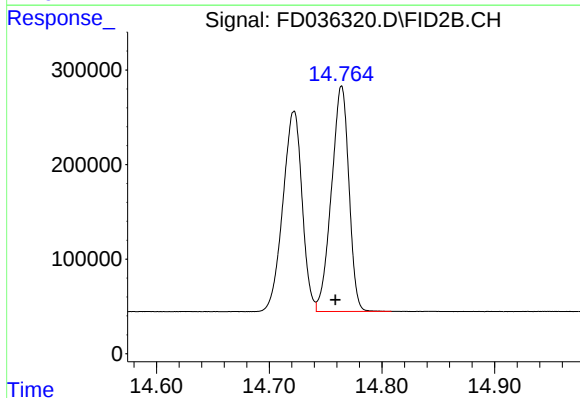
R.T.: 12.853 min
Delta R.T.: 0.005 min
Response: 2729031
Conc: 19.91 ug/ml

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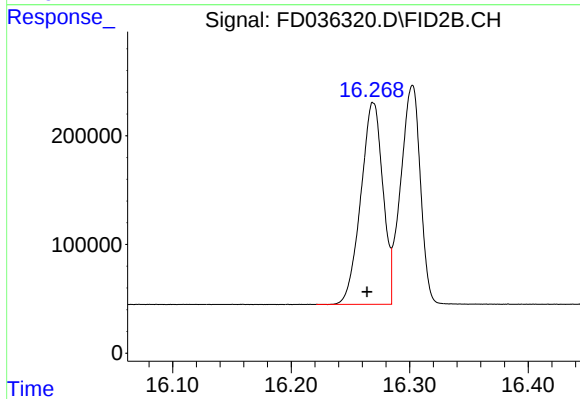
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.722 min
Delta R.T.: 0.005 min
Response: 2512537
Conc: 19.86 ug/ml



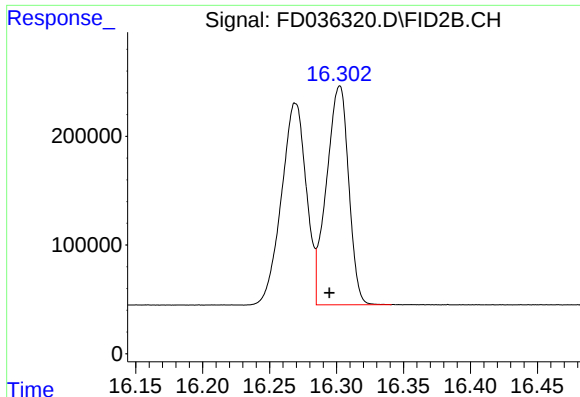
#15 Chrysene (C27.41)

R.T.: 14.764 min
Delta R.T.: 0.005 min
Response: 2568614
Conc: 19.83 ug/ml



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

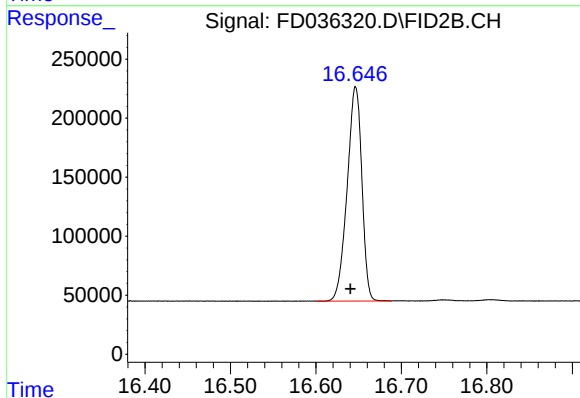
R.T.: 16.269 min
Delta R.T.: 0.005 min
Response: 2397647
Conc: 19.70 ug/ml



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

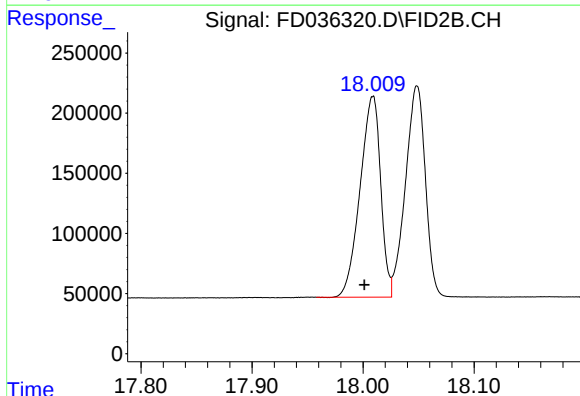
R.T.: 16.302 min
Delta R.T.: 0.008 min
Response: 2321133
Conc: 19.71 ug/ml

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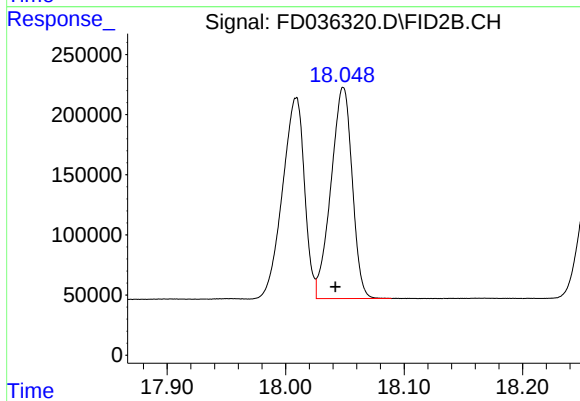
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: 0.006 min
Response: 2169414
Conc: 19.67 ug/ml



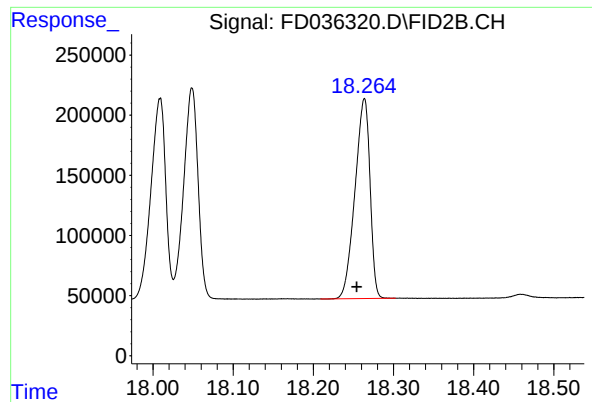
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: 0.008 min
Response: 2153418
Conc: 19.46 ug/ml



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

R.T.: 18.049 min
Delta R.T.: 0.007 min
Response: 2189157
Conc: 19.78 ug/ml



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

R.T.: 18.264 min
Delta R.T.: 0.009 min
Response: 2164725
Conc: 19.58 ug/ml

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