

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041521AR\
 Data File : FD036928.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2021 13:32
 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: Apr 16 02:15:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.584	2402253	17.080 ug/ml
Spiked Amount 50.000		Recovery =	34.16%
6) S 2-Fluorobiphenyl (SURR)	8.444	1532106	16.322 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.64%
11) S ortho-Terphenyl (SURR)	11.485	2428939	15.903 ug/ml
Spiked Amount 50.000		Recovery =	31.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.384	2671354	18.224 ug/ml
2) T Naphthalene (C11.7)	5.921	2759038	17.555 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	2696107	17.155 ug/ml
5) T Acenaphthylene (C15.06)	8.248	2499653	16.682 ug/ml
7) T Acenaphthene (C15.5)	8.544	2584047	16.646 ug/ml
8) T Fluorene (C16.55)	9.323	2431540	16.150 ug/ml
9) T Phenanthrene (C19.36)	10.717	2265998	15.460 ug/ml
10) T Anthracene (C19.43)	10.791	2206069	15.239 ug/ml
12) T Fluoranthene (C21.85)	12.526	2108109	15.015 ug/ml
13) T Pyrene (C20.8)	12.823	2066992	15.065 ug/ml
14) T Benzo[a]anthracene (C...	14.692	1933243	16.279 ug/ml
15) T Chrysene (C27.41)	14.733	1996073	16.506 ug/ml
16) T benzo[b]fluoranthene ...	16.238	2034730	18.543 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	1974903	18.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	1898537	19.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	1998102	19.878 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	2010761	19.941 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	2048056	20.213 ug/ml

(f)=RT Delta > 1/2 Window

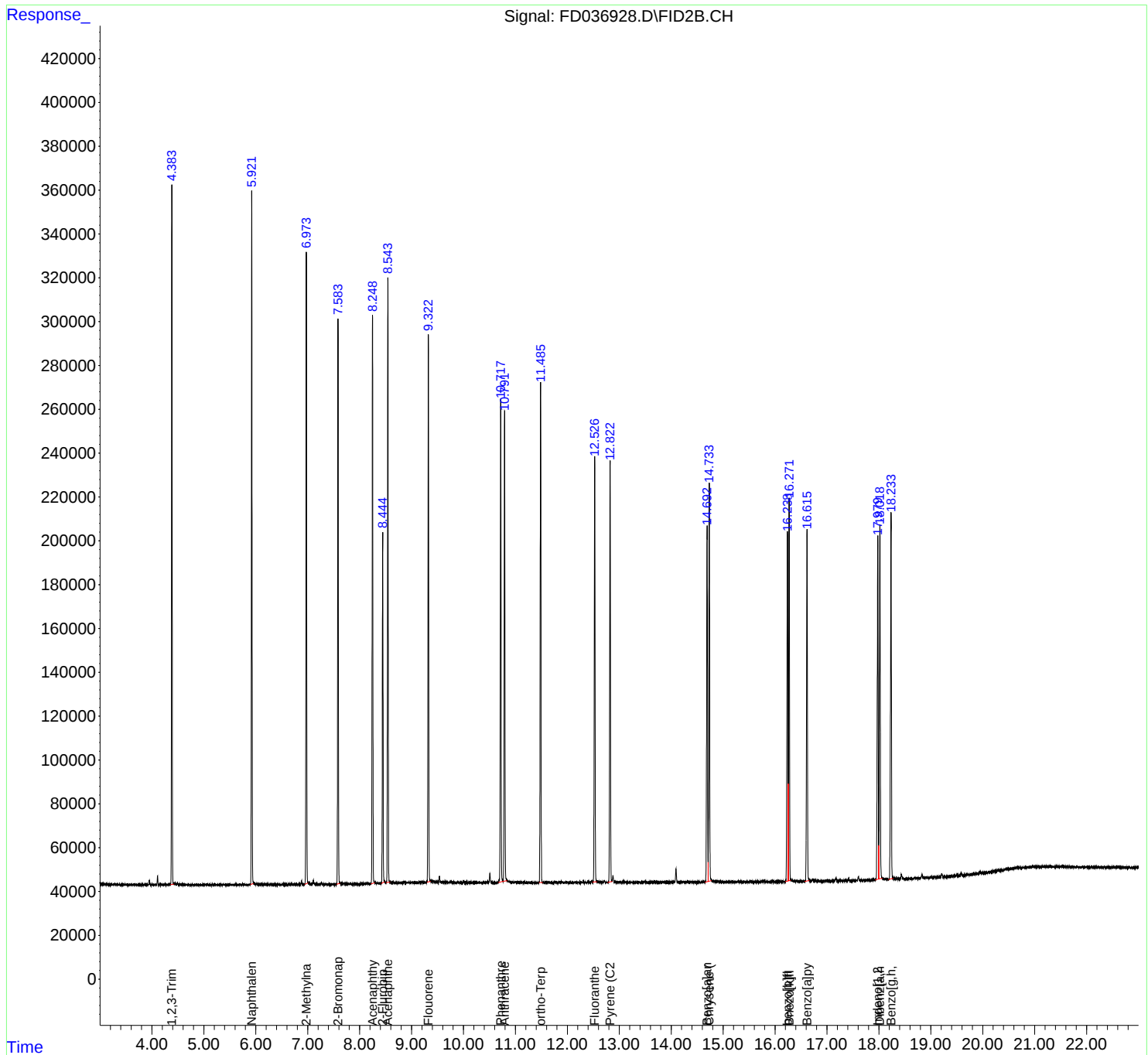
(m)=manual int.

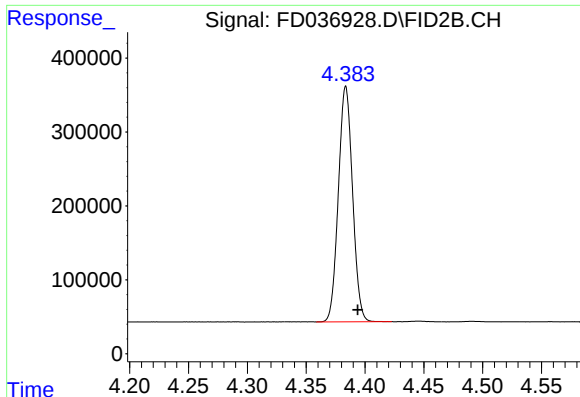
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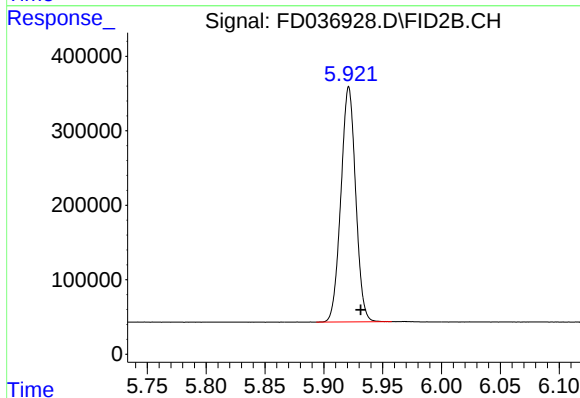




#1 1,2,3-Trimethylbenzene (C10.1)

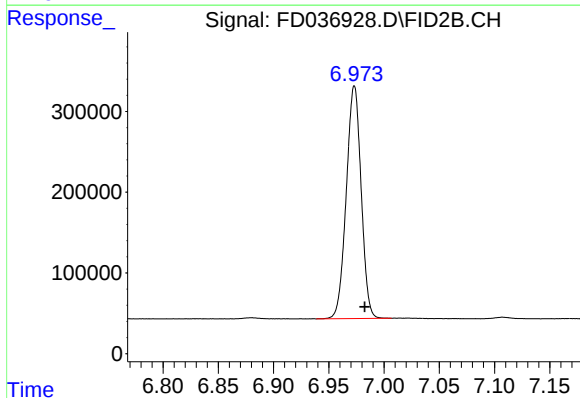
R.T.: 4.384 min
Delta R.T.: -0.010 min
Response: 2671354
Conc: 18.22 ug/ml

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20 PPM AROMATIC HC STD



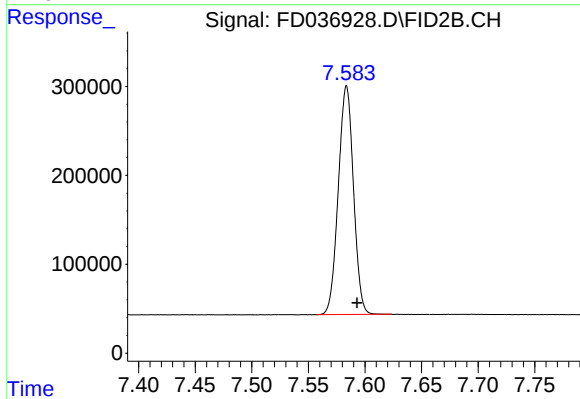
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.010 min
Response: 2759038
Conc: 17.56 ug/ml



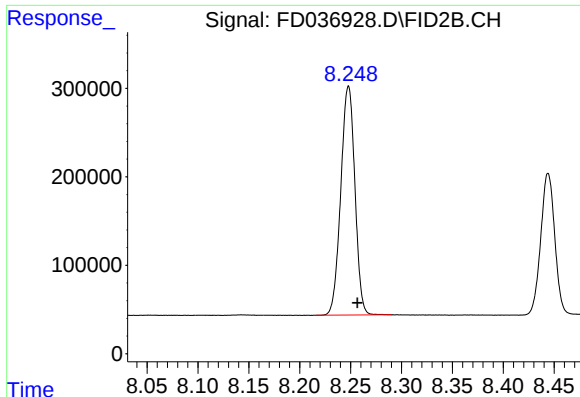
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 2696107
Conc: 17.15 ug/ml



#4 2-Bromonaphthalene (SURR)

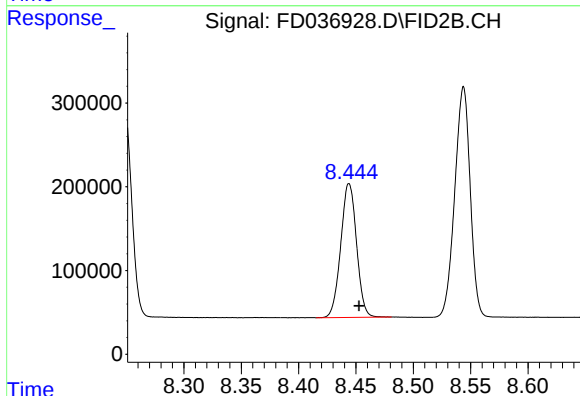
R.T.: 7.584 min
Delta R.T.: -0.009 min
Response: 2402253
Conc: 17.08 ug/ml



#5 Acenaphthylene (C15.06)

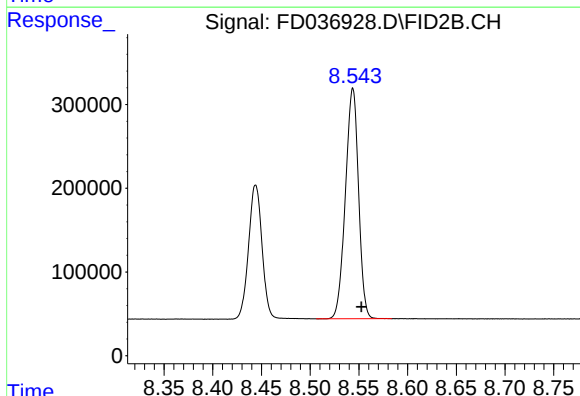
R.T.: 8.248 min
Delta R.T.: -0.009 min
Response: 2499653
Conc: 16.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



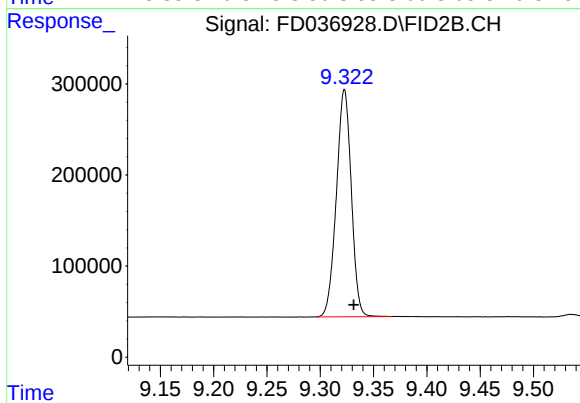
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1532106
Conc: 16.32 ug/ml



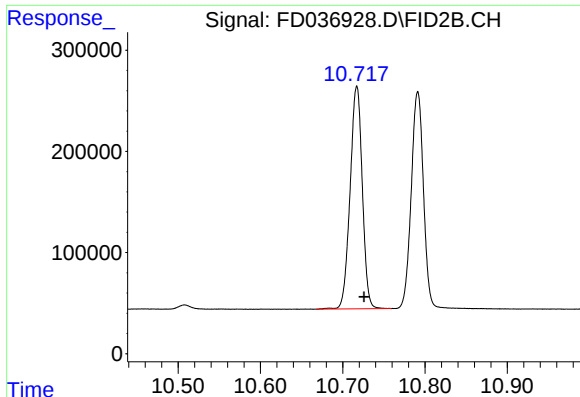
#7 Acenaphthene (C15.5)

R.T.: 8.544 min
Delta R.T.: -0.009 min
Response: 2584047
Conc: 16.65 ug/ml



#8 Fluorene (C16.55)

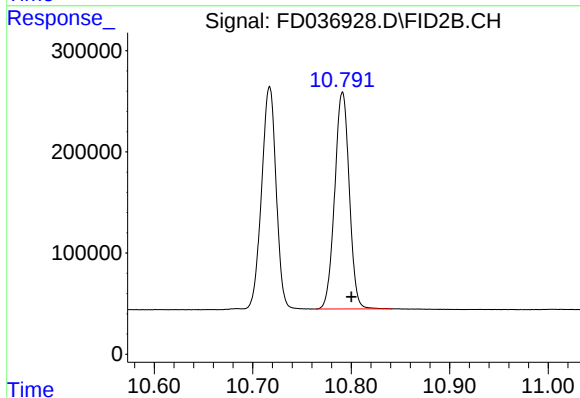
R.T.: 9.323 min
Delta R.T.: -0.009 min
Response: 2431540
Conc: 16.15 ug/ml



#9 Phenanthrene (C19.36)

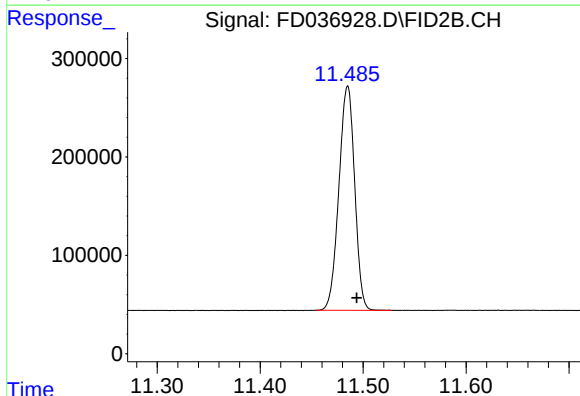
R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 2265998
Conc: 15.46 ug/ml

Instrument :
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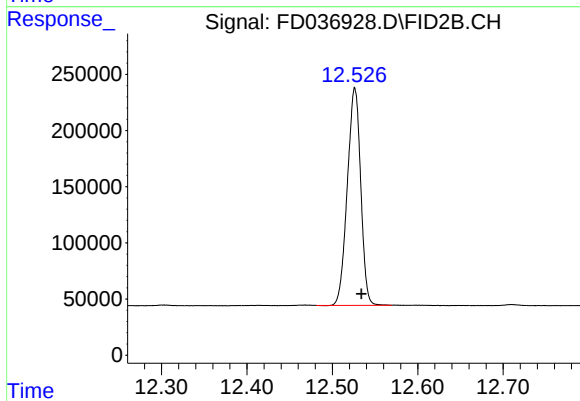
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.009 min
Response: 2206069
Conc: 15.24 ug/ml



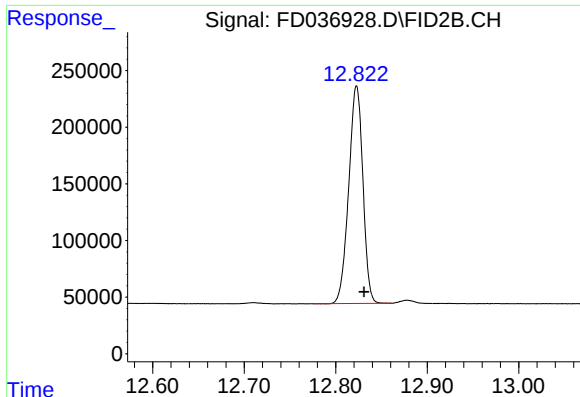
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.009 min
Response: 2428939
Conc: 15.90 ug/ml



#12 Fluoranthene (C21.85)

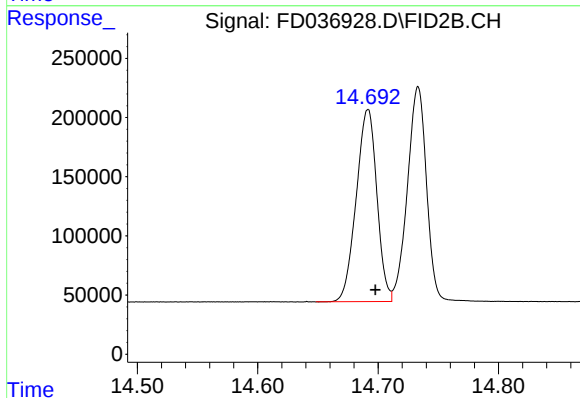
R.T.: 12.526 min
Delta R.T.: -0.008 min
Response: 2108109
Conc: 15.02 ug/ml



#13 Pyrene (C20.8)

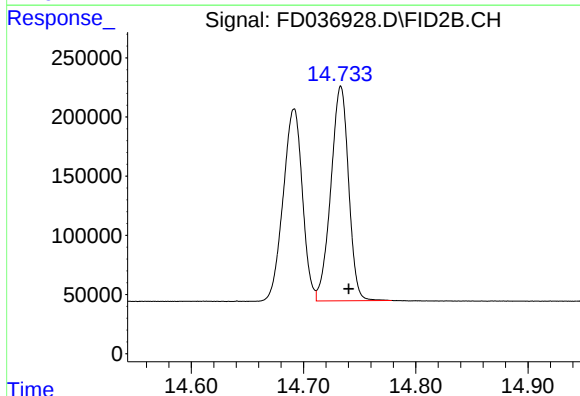
R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 2066992
Conc: 15.07 ug/ml

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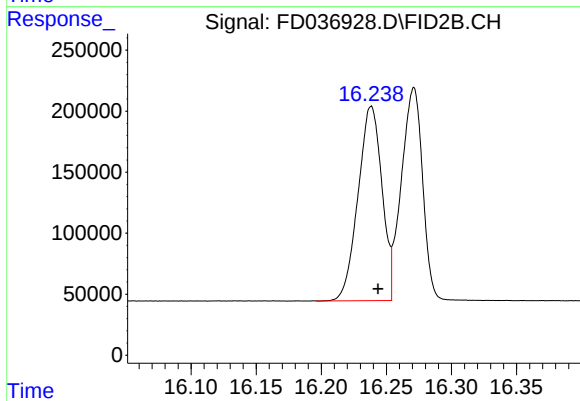
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.006 min
Response: 1933243
Conc: 16.28 ug/ml



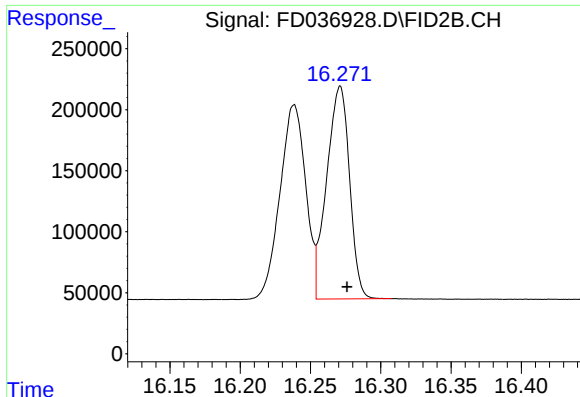
#15 Chrysene (C27.41)

R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 1996073
Conc: 16.51 ug/ml



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

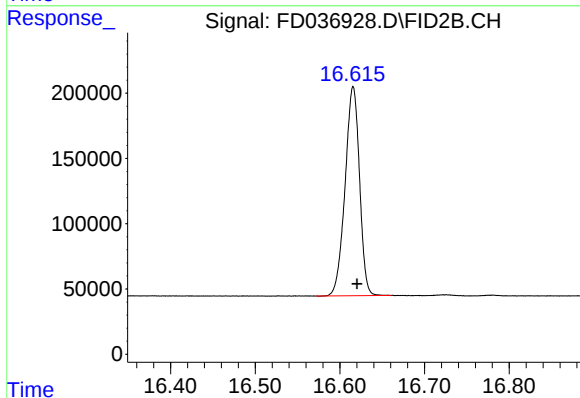
R.T.: 16.238 min
Delta R.T.: -0.005 min
Response: 2034730
Conc: 18.54 ug/ml



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

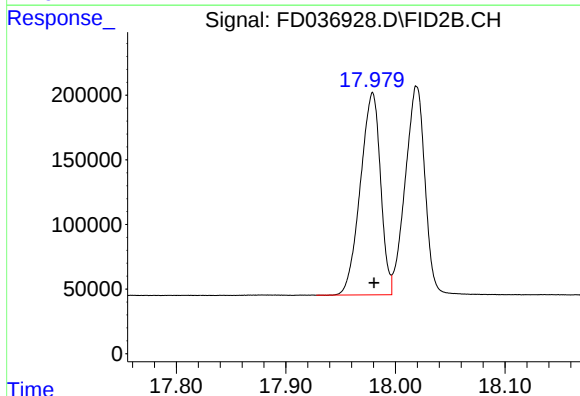
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 1974903
Conc: 18.58 ug/ml

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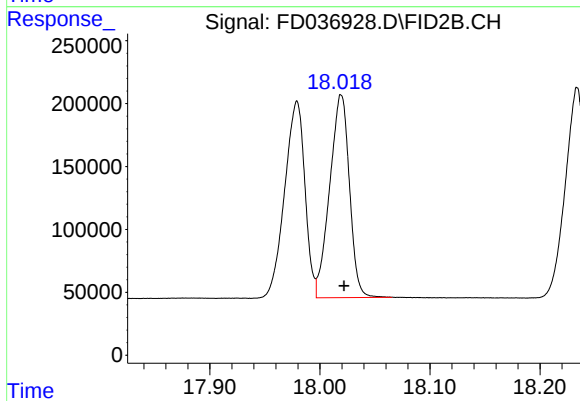
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 1898537
Conc: 19.05 ug/ml



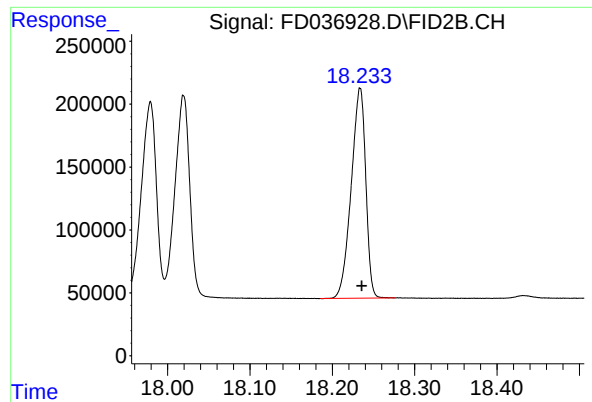
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.001 min
Response: 1998102
Conc: 19.88 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.003 min
Response: 2010761
Conc: 19.94 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.002 min
Response: 2048056
Conc: 20.21 ug/ml

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