

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033021AR\
 Data File : FD036662.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2021 00:20
 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: Mar 31 01:09:57 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...	7.589	2879717	20.475 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
6) S 2-Fluorobiphenyl (SURR)	8.449	1897594	20.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.43%
11) S ortho-Terphenyl (SURR)	11.489	3026340	19.815 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	3054147	20.836 ug/ml
2) T Naphthalene (C11.7)	5.928	3245128	20.648 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	3223815	20.512 ug/ml
5) T Acenaphthylene (C15.06)	8.253	3041981	20.301 ug/ml
7) T Acenaphthene (C15.5)	8.549	3158588	20.347 ug/ml
8) T Fluorene (C16.55)	9.328	3024569	20.089 ug/ml
9) T Phenanthrene (C19.36)	10.722	2909242	19.849 ug/ml
10) T Anthracene (C19.43)	10.796	2718672	18.780 ug/ml
12) T Fluoranthene (C21.85)	12.530	2707207	19.283 ug/ml
13) T Pyrene (C20.8)	12.826	2630155	19.170 ug/ml
14) T Benzo[a]anthracene (C...	14.693	2239282	18.856 ug/ml
15) T Chrysene (C27.41)	14.735	2311363	19.113 ug/ml
16) T benzo[b]fluoranthene ...	16.240	2124117	19.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	2059612	19.376 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	1945062	19.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	2048560	20.380 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	2093783	20.765 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	2102005	20.746 ug/ml

(f)=RT Delta > 1/2 Window

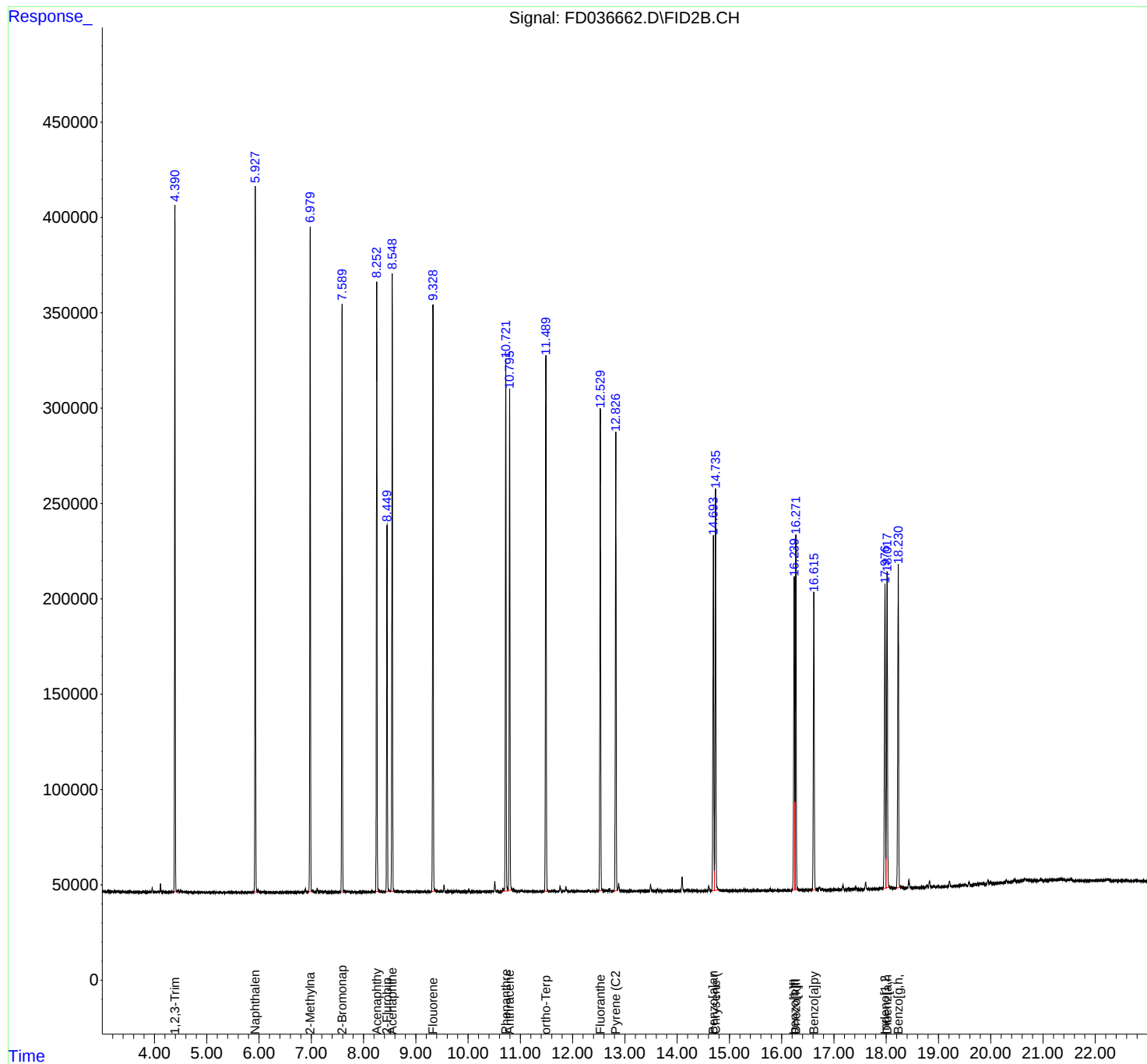
(m)=manual int.

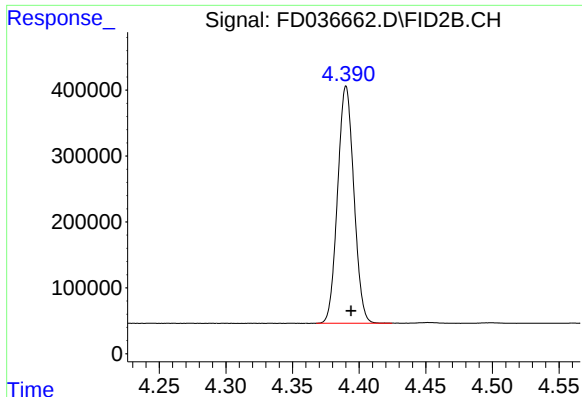
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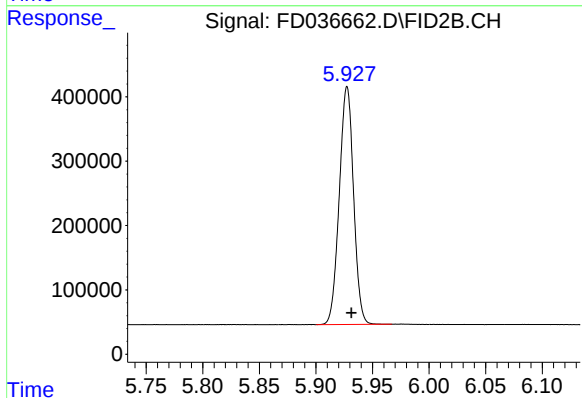




#1 1,2,3-Trimethylbenzene (C10.1)

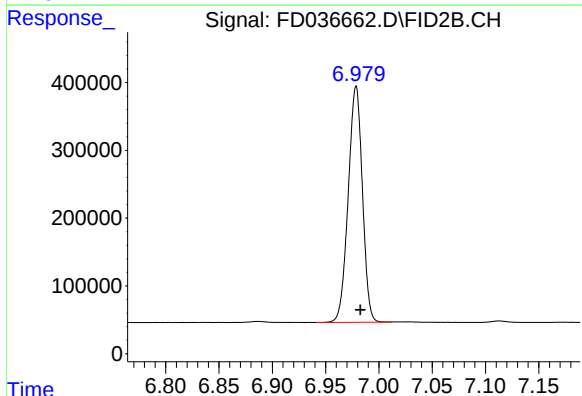
R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 3054147
Conc: 20.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



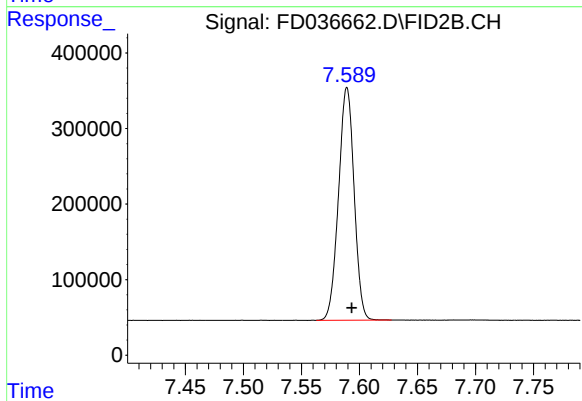
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 3245128
Conc: 20.65 ug/ml



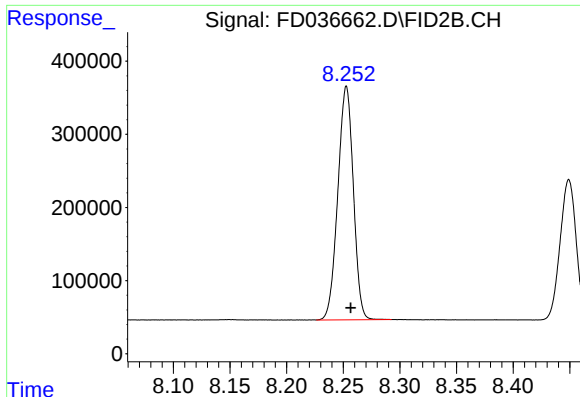
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 3223815
Conc: 20.51 ug/ml



#4 2-Bromonaphthalene (SURR)

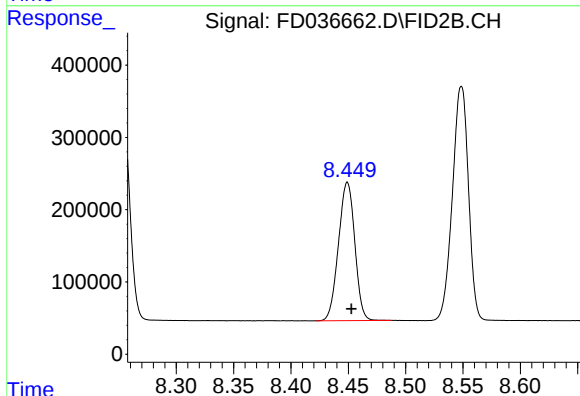
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 2879717
Conc: 20.48 ug/ml



#5 Acenaphthylene (C15.06)

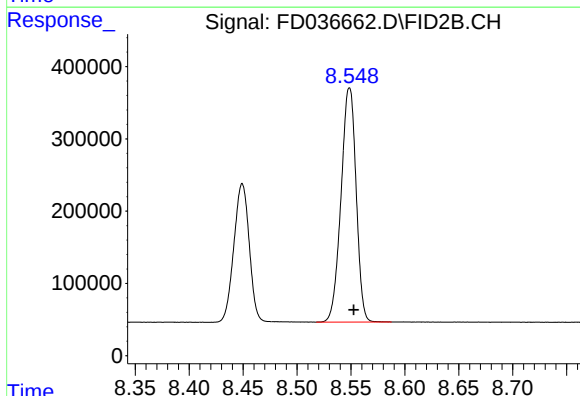
R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 3041981
Conc: 20.30 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



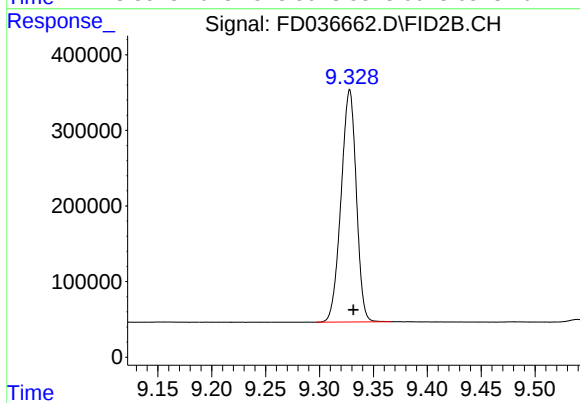
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 1897594
Conc: 20.22 ug/ml



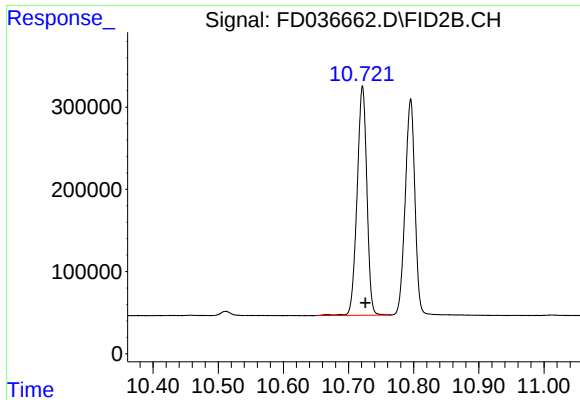
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 3158588
Conc: 20.35 ug/ml



#8 Flouorene (C16.55)

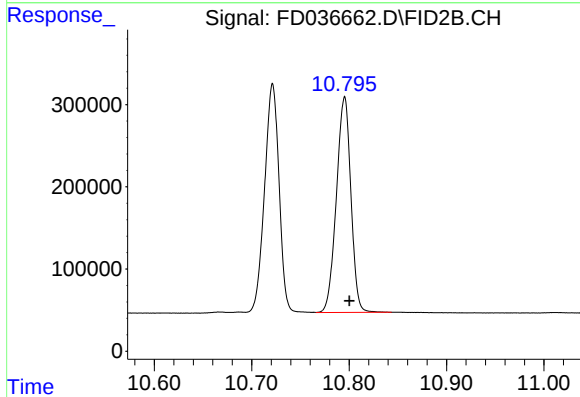
R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 3024569
Conc: 20.09 ug/ml



#9 Phenanthrene (C19.36)

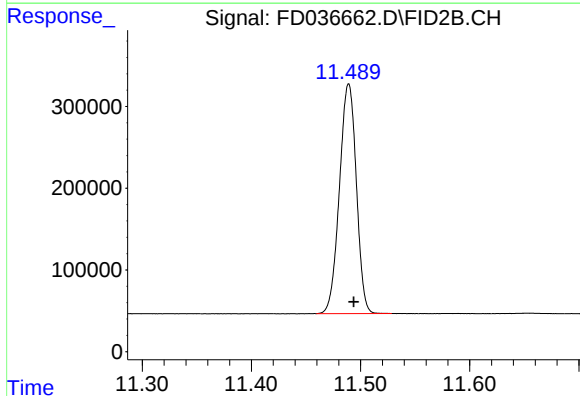
R.T.: 10.722 min
Delta R.T.: -0.005 min
Response: 2909242
Conc: 19.85 ug/ml

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20 PPM AROMATIC HC STD



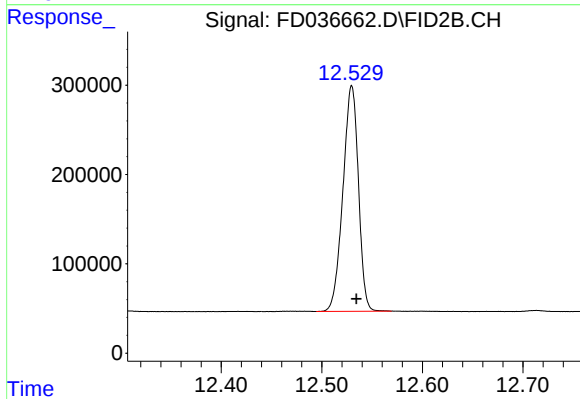
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.005 min
Response: 2718672
Conc: 18.78 ug/ml



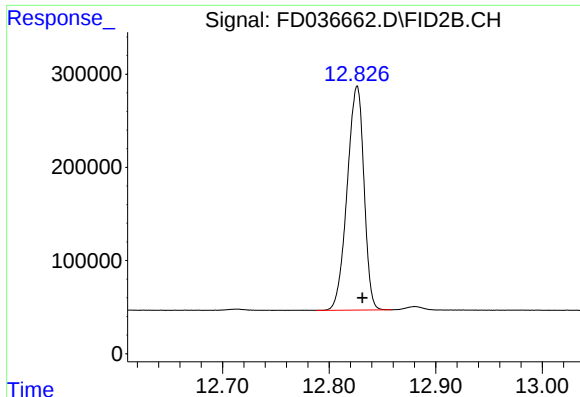
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 3026340
Conc: 19.81 ug/ml



#12 Fluoranthene (C21.85)

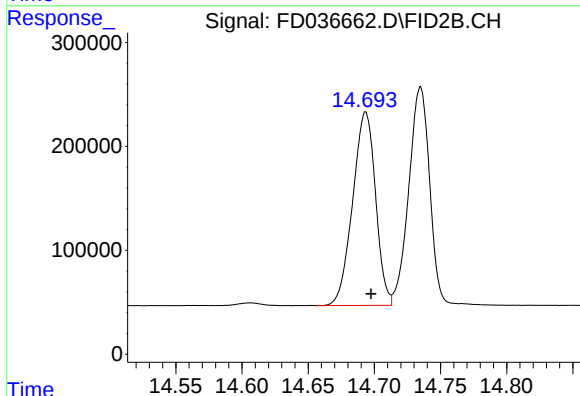
R.T.: 12.530 min
Delta R.T.: -0.004 min
Response: 2707207
Conc: 19.28 ug/ml



#13 Pyrene (C20.8)

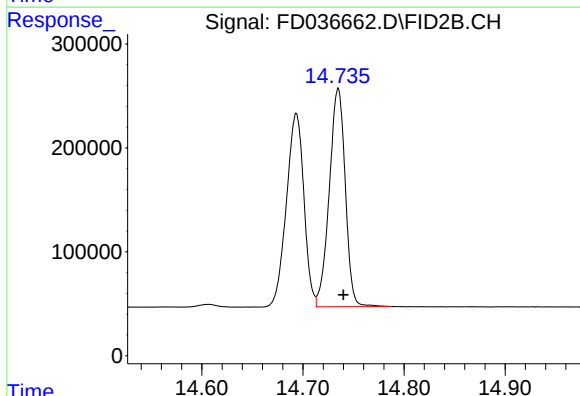
R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2630155
Conc: 19.17 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



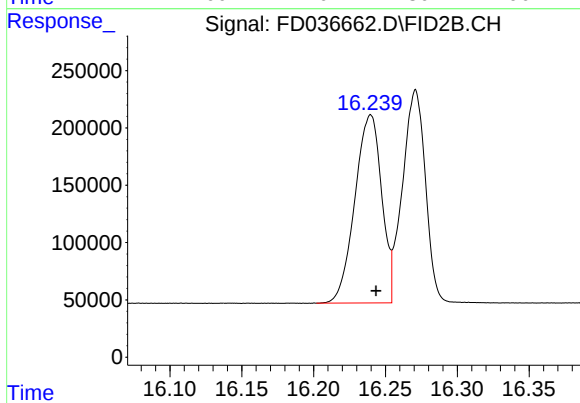
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.004 min
Response: 2239282
Conc: 18.86 ug/ml



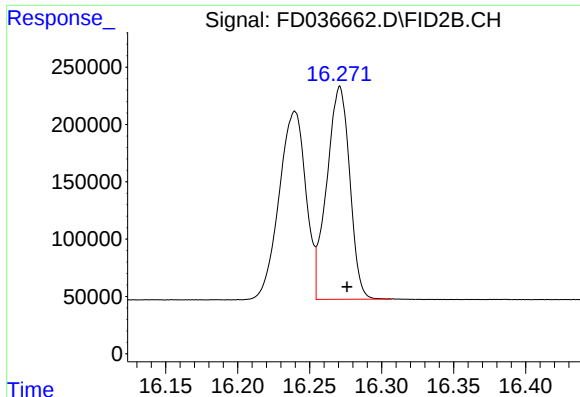
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 2311363
Conc: 19.11 ug/ml



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

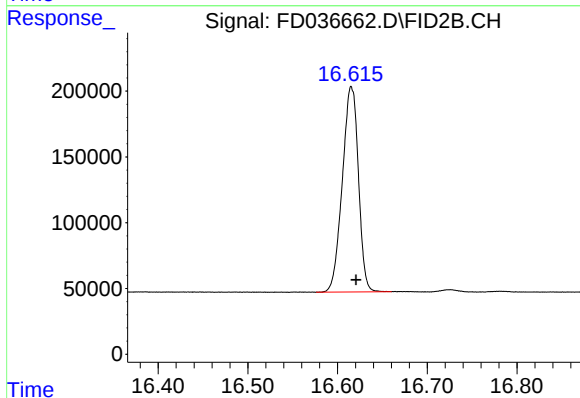
R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 2124117
Conc: 19.36 ug/ml



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

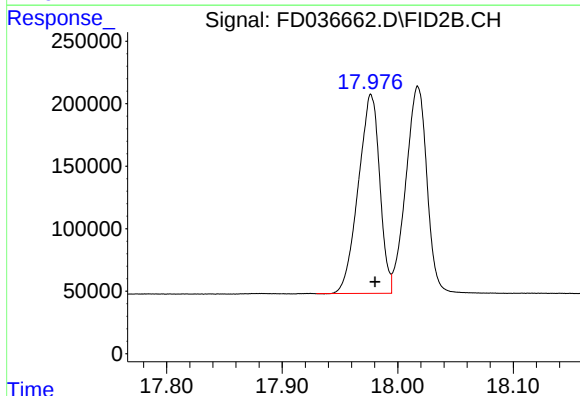
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2059612
Conc: 19.38 ug/ml

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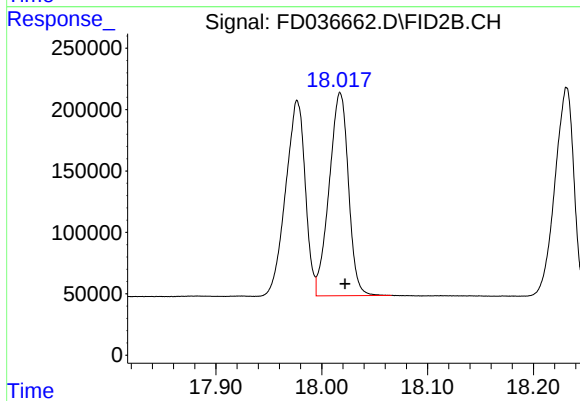
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.615 min
Delta R.T.: -0.005 min
Response: 1945062
Conc: 19.52 ug/ml



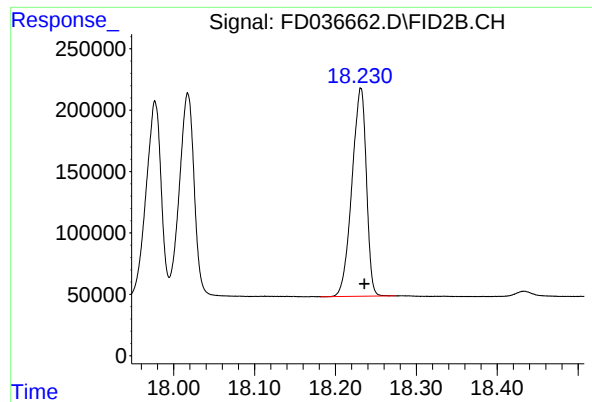
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.977 min
Delta R.T.: -0.004 min
Response: 2048560
Conc: 20.38 ug/ml



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

R.T.: 18.017 min
Delta R.T.: -0.004 min
Response: 2093783
Conc: 20.76 ug/ml



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

R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 2102005
Conc: 20.75 ug/ml

Instrument :
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