

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036428.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2021 13:19
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC CH STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC CH STD

Integration File: autoint1.e
 Quant Time: Mar 18 13:49:07 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...	7.599	2415022	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	8.459	1692166	20.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.67%
11) S ortho-Terphenyl (SURR)	11.500	2801776	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	2594303	20.692 ug/ml
2) T Naphthalene (C11.7)	5.937	2798778	20.654 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	2807426	20.559 ug/ml
5) T Acenaphthylene (C15.06)	8.263	2714053	20.173 ug/ml
7) T Acenaphthene (C15.5)	8.558	2819741	20.372 ug/ml
8) T Fluorene (C16.55)	9.338	2753859	20.179 ug/ml
9) T Phenanthrene (C19.36)	10.732	2730956	19.822 ug/ml
10) T Anthracene (C19.43)	10.807	2460586	18.327 ug/ml
12) T Fluoranthene (C21.85)	12.542	2748634	19.792 ug/ml
13) T Pyrene (C20.8)	12.837	2707780	19.751 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2490279	19.689 ug/ml
15) T Chrysene (C27.41)	14.748	2590793	20.006 ug/ml
16) T benzo[b]fluoranthene ...	16.253	2458634	20.202 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	2391654	20.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	2241136	20.323 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	2336563	21.118 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	2369697	21.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	2356722	21.314 ug/ml

(f)=RT Delta > 1/2 Window

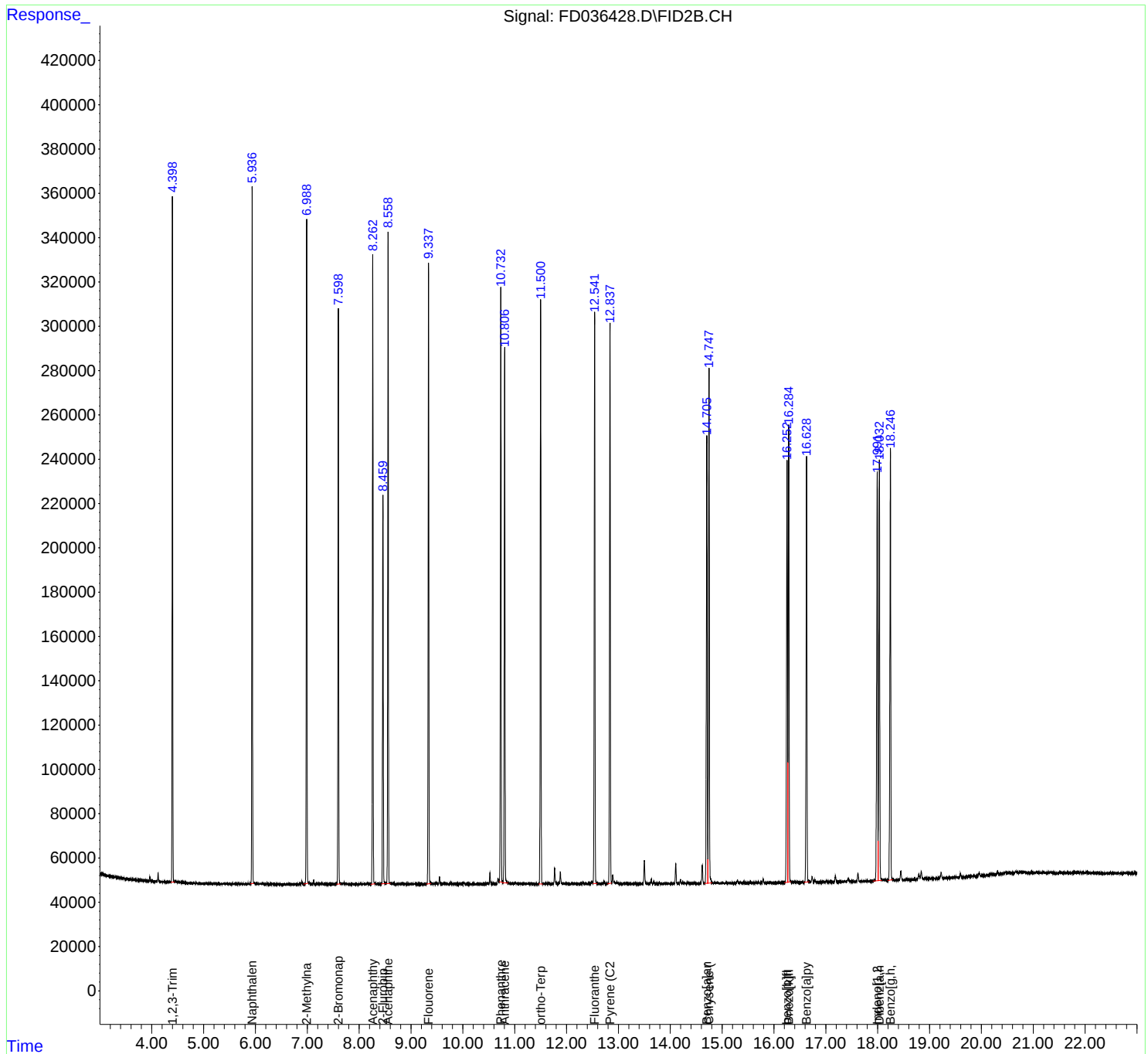
(m)=manual int.

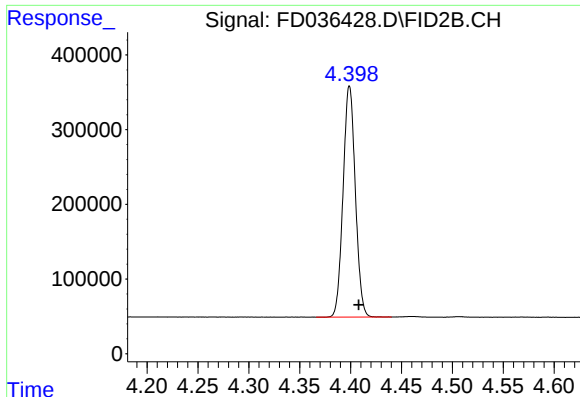
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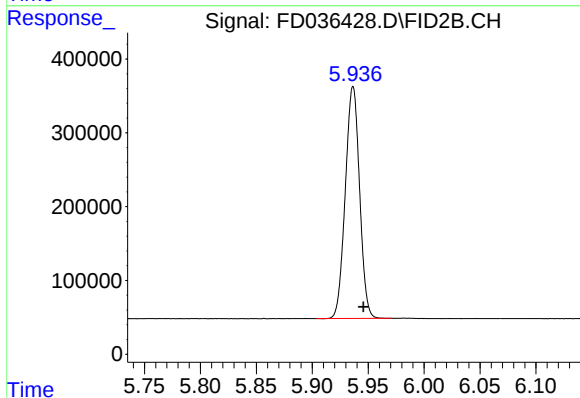




#1 1,2,3-Trimethylbenzene (C10.1)

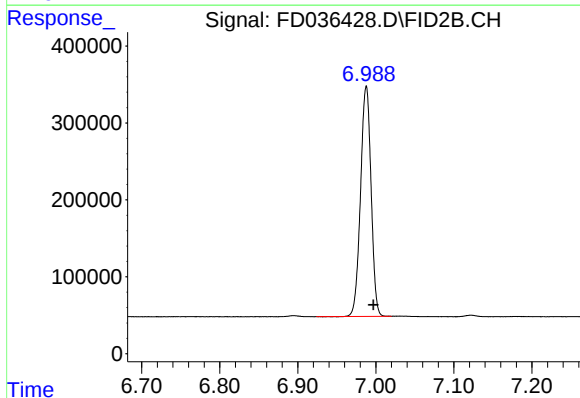
R.T.: 4.399 min
Delta R.T.: -0.009 min
Response: 2594303
Conc: 20.69 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC CH STD



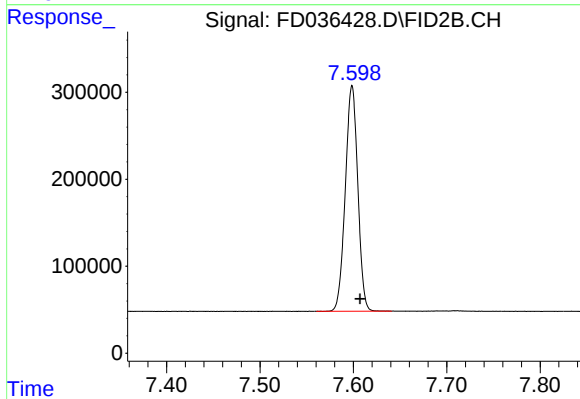
#2 Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.009 min
Response: 2798778
Conc: 20.65 ug/ml



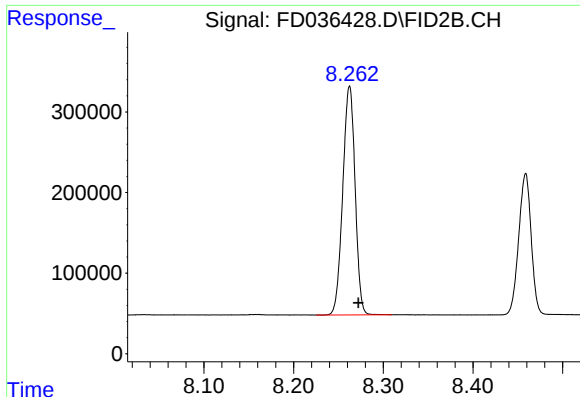
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.009 min
Response: 2807426
Conc: 20.56 ug/ml



#4 2-Bromonaphthalene (SURR)

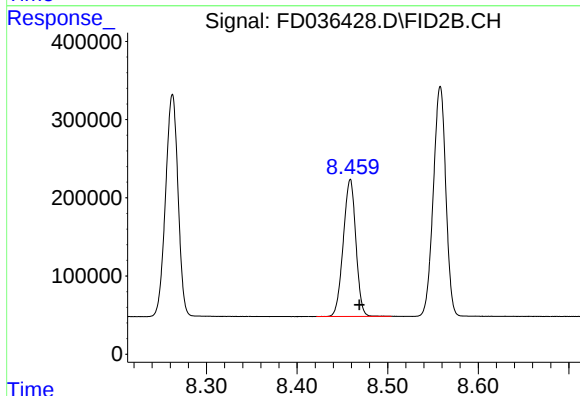
R.T.: 7.599 min
Delta R.T.: -0.009 min
Response: 2415022
Conc: 20.49 ug/ml



#5 Acenaphthylene (C15.06)

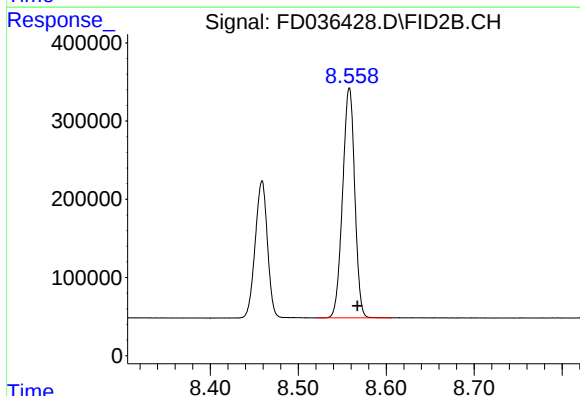
R.T.: 8.263 min
Delta R.T.: -0.010 min
Response: 2714053
Conc: 20.17 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC CH STD



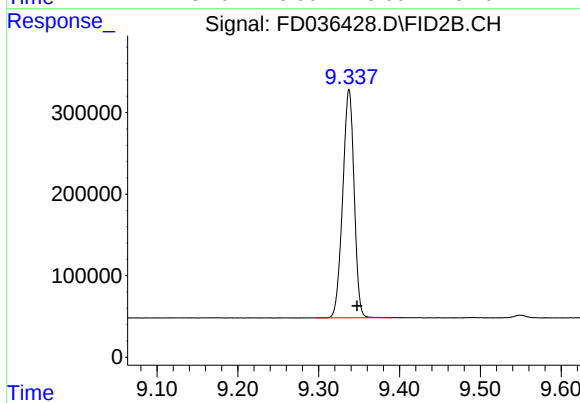
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.010 min
Response: 1692166
Conc: 20.33 ug/ml



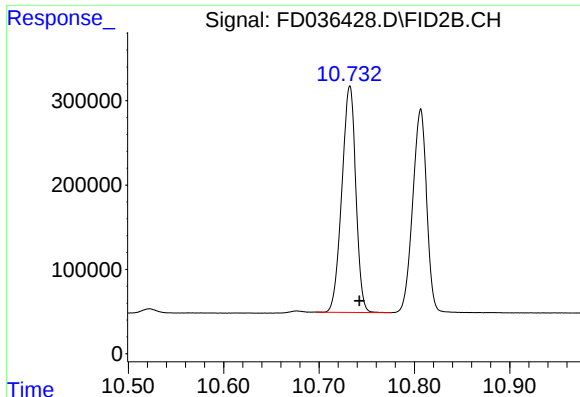
#7 Acenaphthene (C15.5)

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 2819741
Conc: 20.37 ug/ml



#8 Flouorene (C16.55)

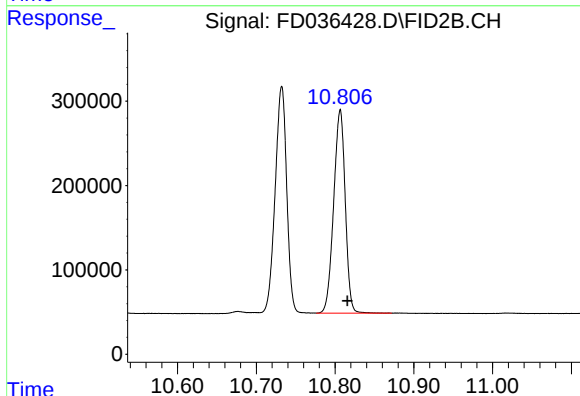
R.T.: 9.338 min
Delta R.T.: -0.010 min
Response: 2753859
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

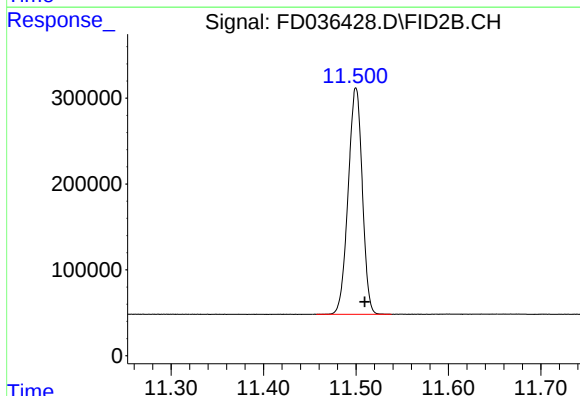
R.T.: 10.732 min
Delta R.T.: -0.010 min
Response: 2730956
Conc: 19.82 ug/ml

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20 PPM AROMATIC CH STD



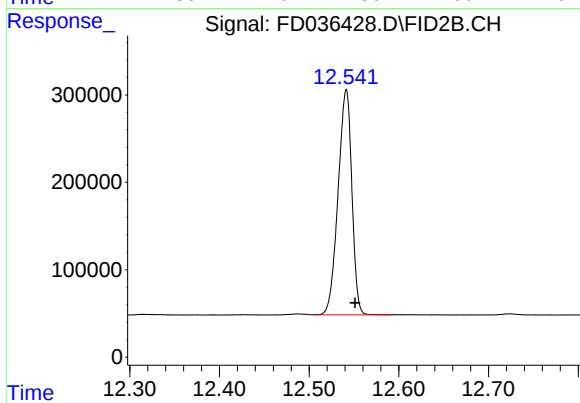
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 2460586
Conc: 18.33 ug/ml



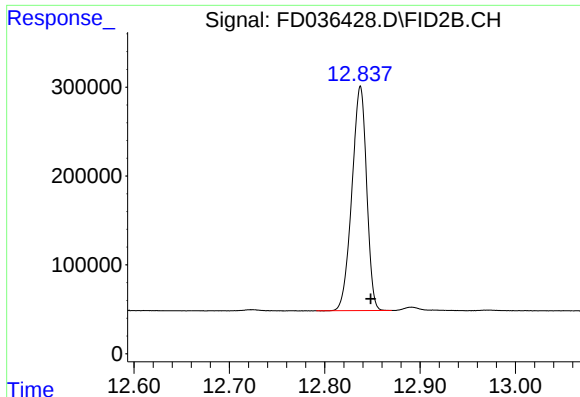
#11 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.009 min
Response: 2801776
Conc: 19.89 ug/ml



#12 Fluoranthene (C21.85)

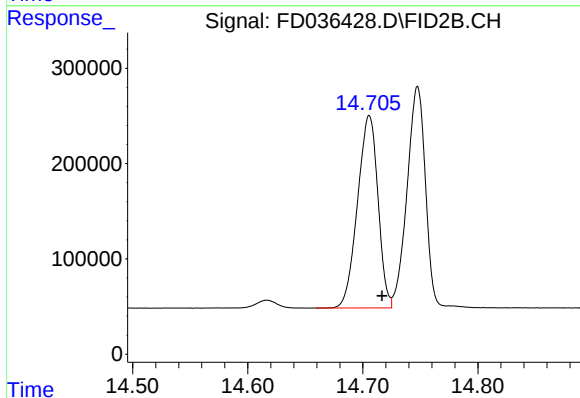
R.T.: 12.542 min
Delta R.T.: -0.010 min
Response: 2748634
Conc: 19.79 ug/ml



#13 Pyrene (C20.8)

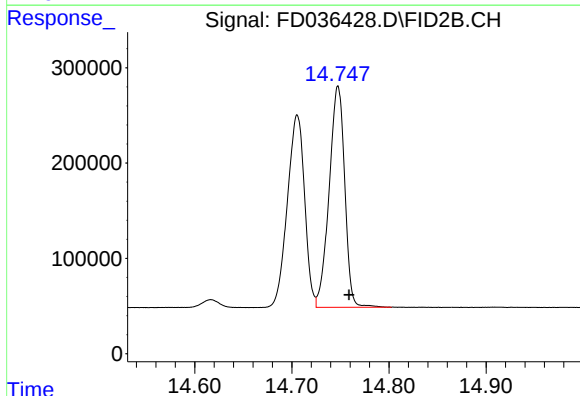
R.T.: 12.837 min
Delta R.T.: -0.011 min
Response: 2707780
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC CH STD



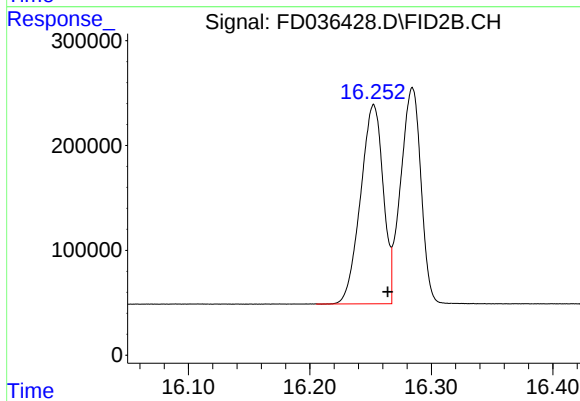
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.011 min
Response: 2490279
Conc: 19.69 ug/ml



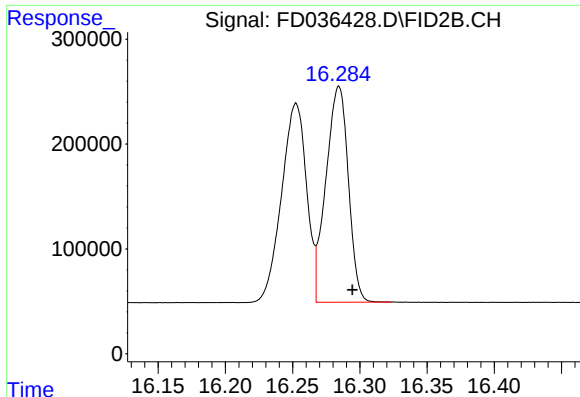
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.011 min
Response: 2590793
Conc: 20.01 ug/ml



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

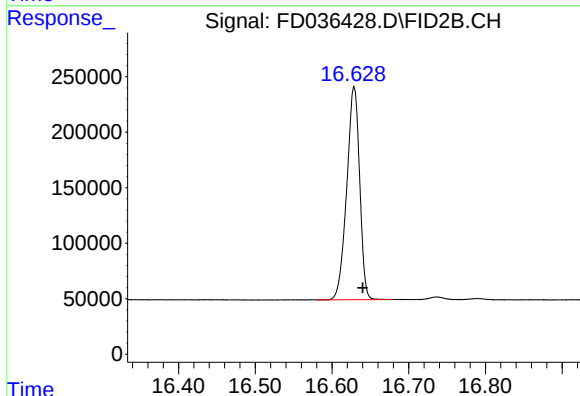
R.T.: 16.253 min
Delta R.T.: -0.012 min
Response: 2458634
Conc: 20.20 ug/ml



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

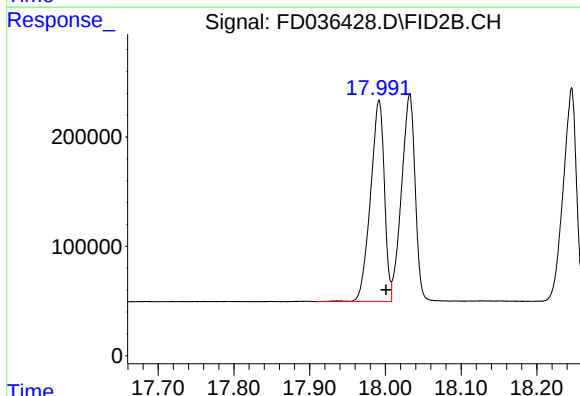
R.T.: 16.284 min
Delta R.T.: -0.010 min
Response: 2391654
Conc: 20.31 ug/ml

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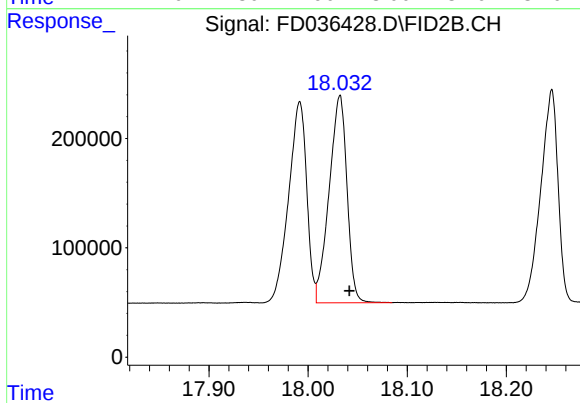
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: -0.012 min
Response: 2241136
Conc: 20.32 ug/ml



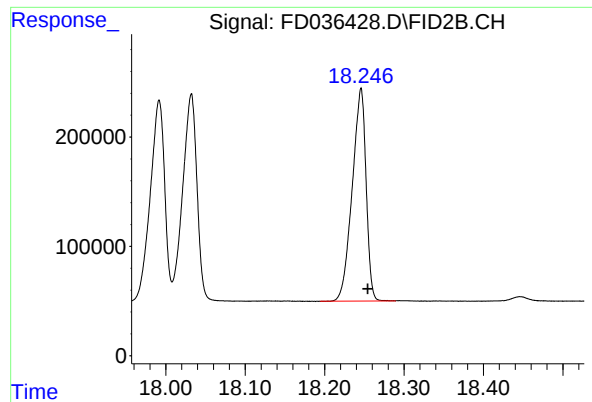
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: -0.010 min
Response: 2336563
Conc: 21.12 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.010 min
Response: 2369697
Conc: 21.41 ug/ml



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

R.T.: 18.246 min
Delta R.T.: -0.008 min
Response: 2356722
Conc: 21.31 ug/ml

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