

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
 Data File : FD036317.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 6:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 04 06:58:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 06:56:38 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	2296077	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.471	1632867	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.512	2763915	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	2422076	20.000 ug/ml
2) T Naphthalene (C11.7)	5.947	2624475	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	2653838	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.275	2620317	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.570	2705125	20.000 ug/ml
8) T Fluorene (C16.55)	9.350	2674999	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.747	2708807	20.000 ug/ml
10) T Anthracene (C19.43)	10.820	2640113	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.557	2736683	20.000 ug/ml
13) T Pyrene (C20.8)	12.854	2703133	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.723	2502420	20.000 ug/ml
15) T Chrysene (C27.41)	14.766	2558036	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.270	2402702	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	2327138	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	2181090	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.011	2176073	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	2190952	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.265	2175551	20.000 ug/ml

(f)=RT Delta > 1/2 Window

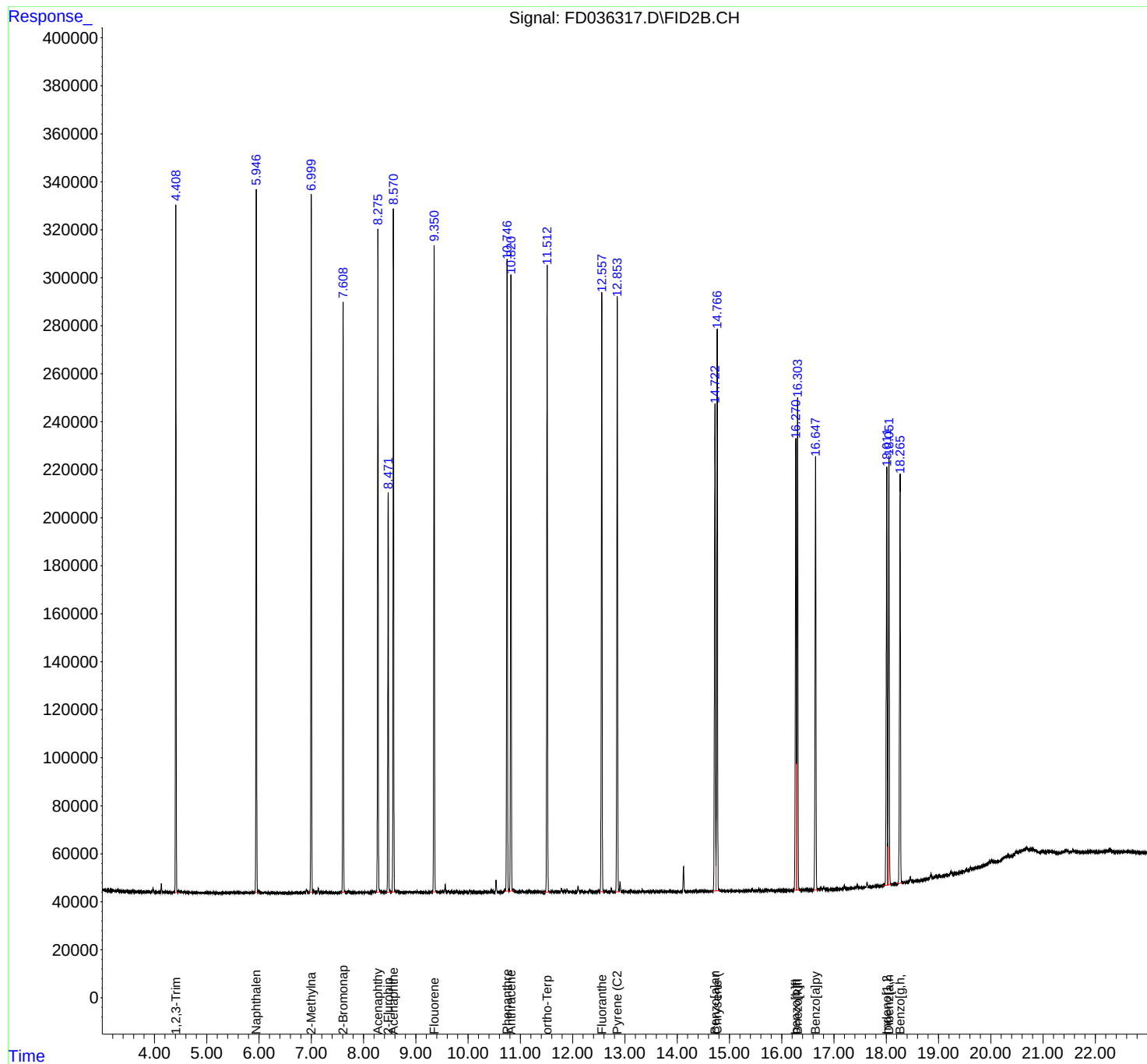
(m)=manual int.

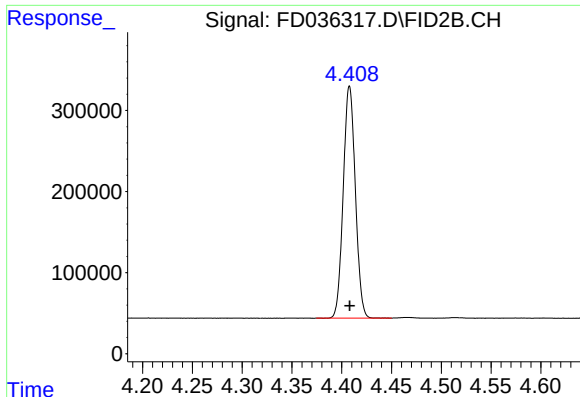
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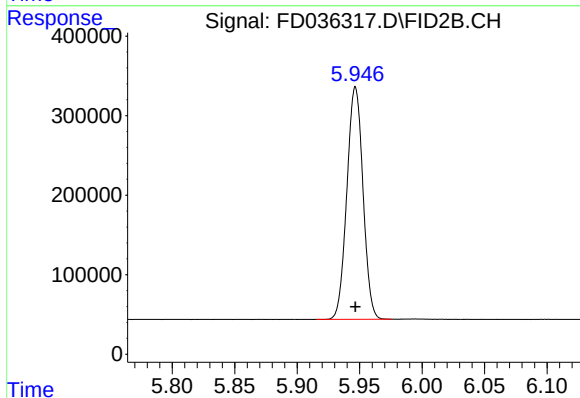




#1 1,2,3-Trimethylbenzene (C10.1)

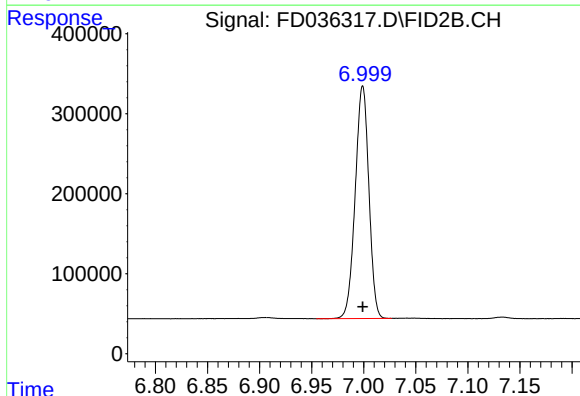
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 2422076
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



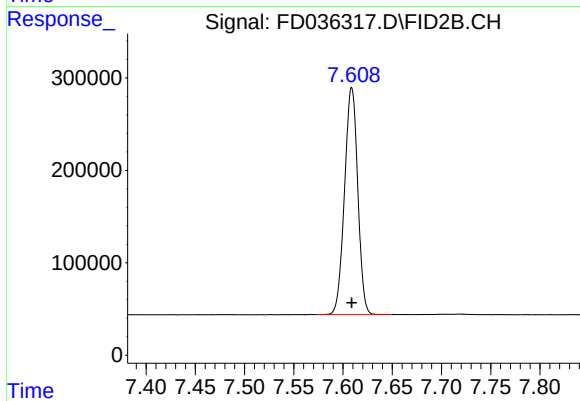
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 2624475
Conc: 20.00 ug/ml



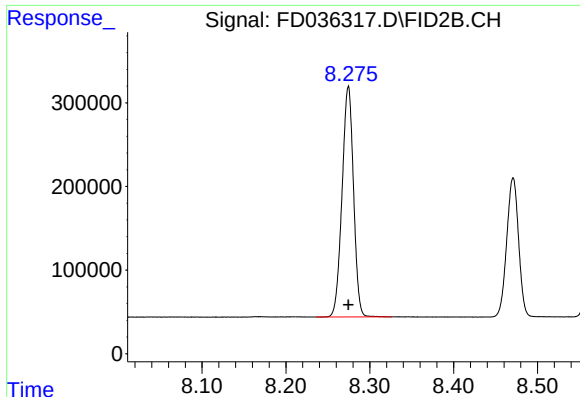
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 2653838
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

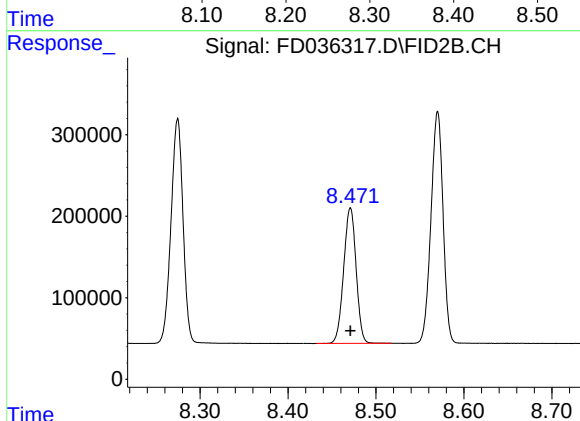
R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 2296077
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

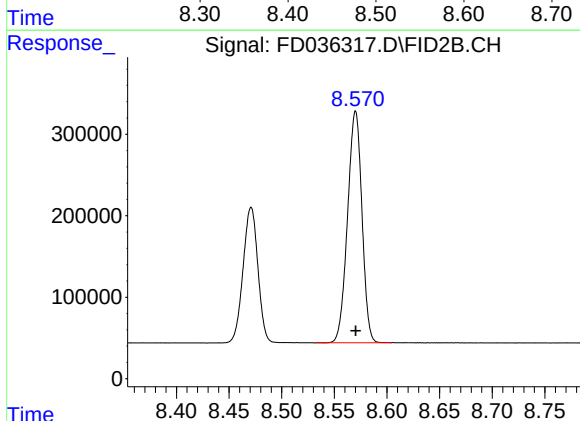
R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 2620317
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



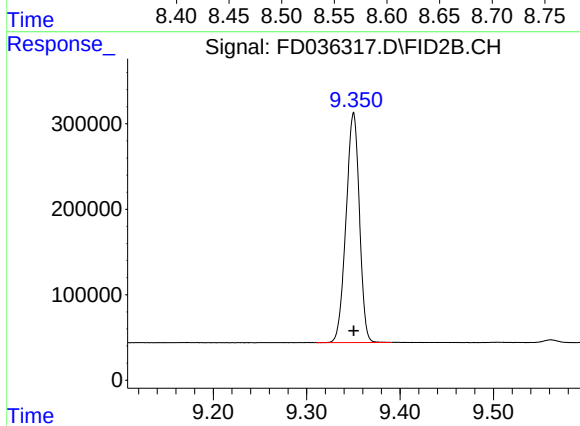
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 1632867
Conc: 20.00 ug/ml



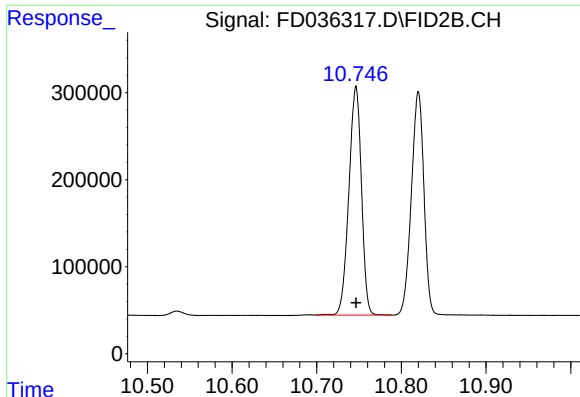
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 2705125
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

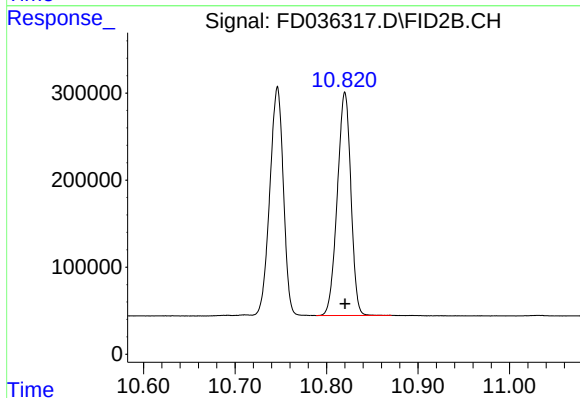
R.T.: 9.350 min
Delta R.T.: 0.000 min
Response: 2674999
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

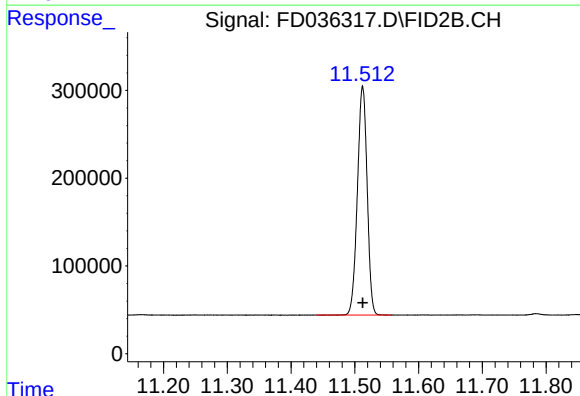
R.T.: 10.747 min
Delta R.T.: 0.000 min
Response: 2708807
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



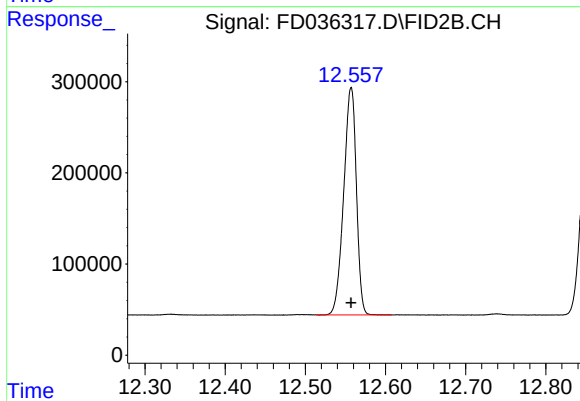
#10 Anthracene (C19.43)

R.T.: 10.820 min
Delta R.T.: 0.000 min
Response: 2640113
Conc: 20.00 ug/ml



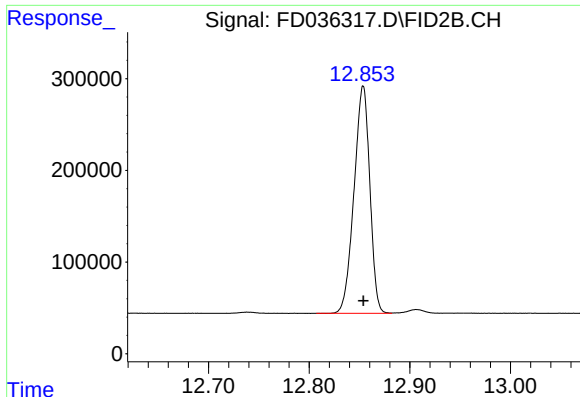
#11 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 2763915
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

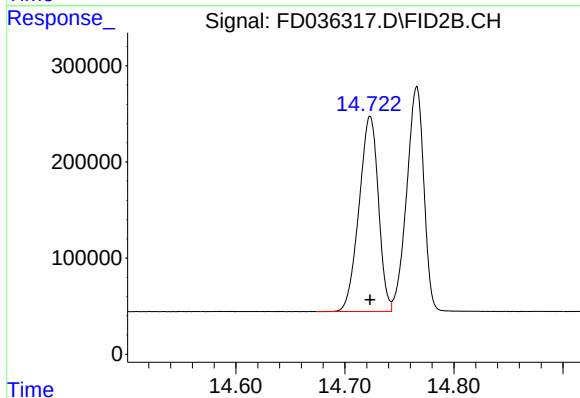
R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 2736683
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

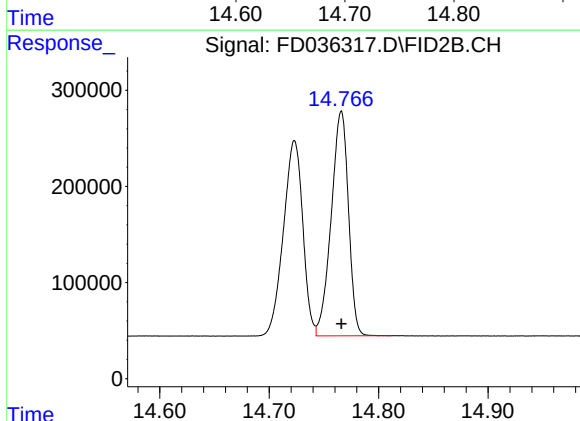
R.T.: 12.854 min
Delta R.T.: 0.000 min
Response: 2703133
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



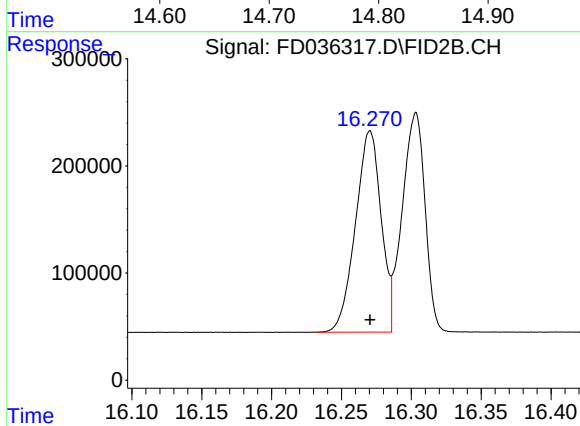
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.723 min
Delta R.T.: 0.000 min
Response: 2502420
Conc: 20.00 ug/ml



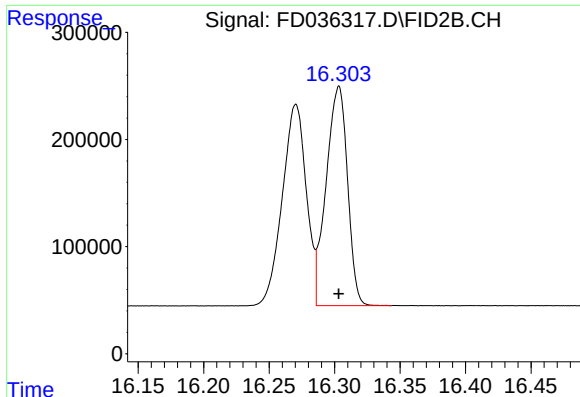
#15 Chrysene (C27.41)

R.T.: 14.766 min
Delta R.T.: 0.000 min
Response: 2558036
Conc: 20.00 ug/ml



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

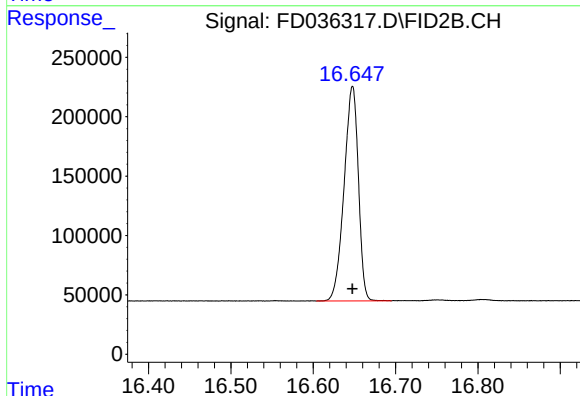
R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 2402702
Conc: 20.00 ug/ml



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

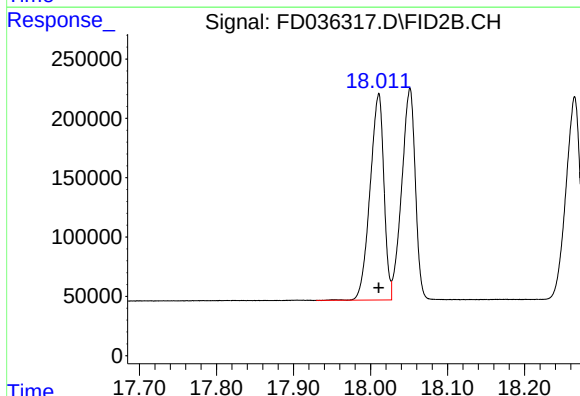
R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 2327138
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



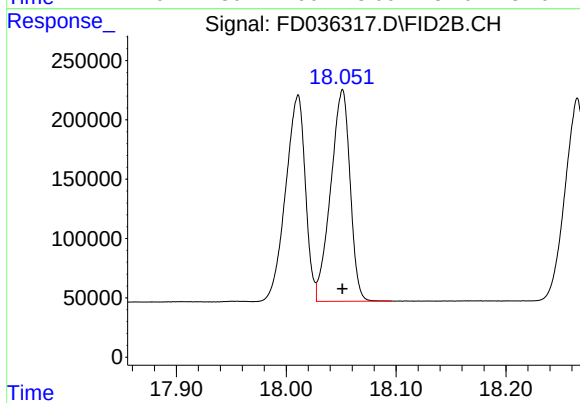
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 2181090
Conc: 20.00 ug/ml



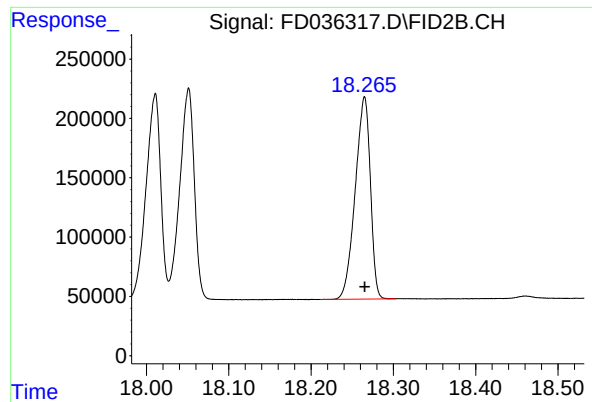
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.011 min
Delta R.T.: 0.000 min
Response: 2176073
Conc: 20.00 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 2190952
Conc: 20.00 ug/ml



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

R.T.: 18.265 min
Delta R.T.: 0.000 min
Response: 2175551
Conc: 20.00 ug/ml

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