

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082820AR\
 Data File : FD034545.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2020 8:42
 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: Aug 31 01:42:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 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...	7.691	2299680	19.670 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
6) S 2-Fluorobiphenyl (SURR)	8.558	1598347	19.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.56%
11) S ortho-Terphenyl (SURR)	11.598	2598544	19.122 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	2575411	20.206 ug/ml
2) T Naphthalene (C11.7)	6.029	2641423	19.744 ug/ml
3) T 2-Methylnaphthalene (...)	7.082	2668120	19.767 ug/ml
5) T Acenaphthylene (C15.06)	8.359	2532549	19.136 ug/ml
7) T Acenaphthene (C15.5)	8.655	2608520	19.396 ug/ml
8) T Flouorene (C16.55)	9.437	2528056	19.020 ug/ml
9) T Phenanthrene (C19.36)	10.835	2514658	18.760 ug/ml
10) T Anthracene (C19.43)	10.908	2045058	15.409 ug/ml
12) T Fluoranthene (C21.85)	12.648	2524224	18.572 ug/ml
13) T Pyrene (C20.8)	12.947	2450321	18.402 ug/ml
14) T Benzo[a]anthracene (C...	14.818	2373880	18.087 ug/ml
15) T Chrysene (C27.41)	14.860	2426895	18.510 ug/ml
16) T benzo[b]fluoranthene ...	16.367	2416930	18.892 ug/ml
17) T Bnezo[k]fluoranthene ...	16.400	2363167	19.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.746	2375187	18.970 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	2331302	19.375 ug/ml
20) T Dibenz[a,h]anthracene...	18.148	2373143	20.102 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2362270	19.937 ug/ml

(f)=RT Delta > 1/2 Window

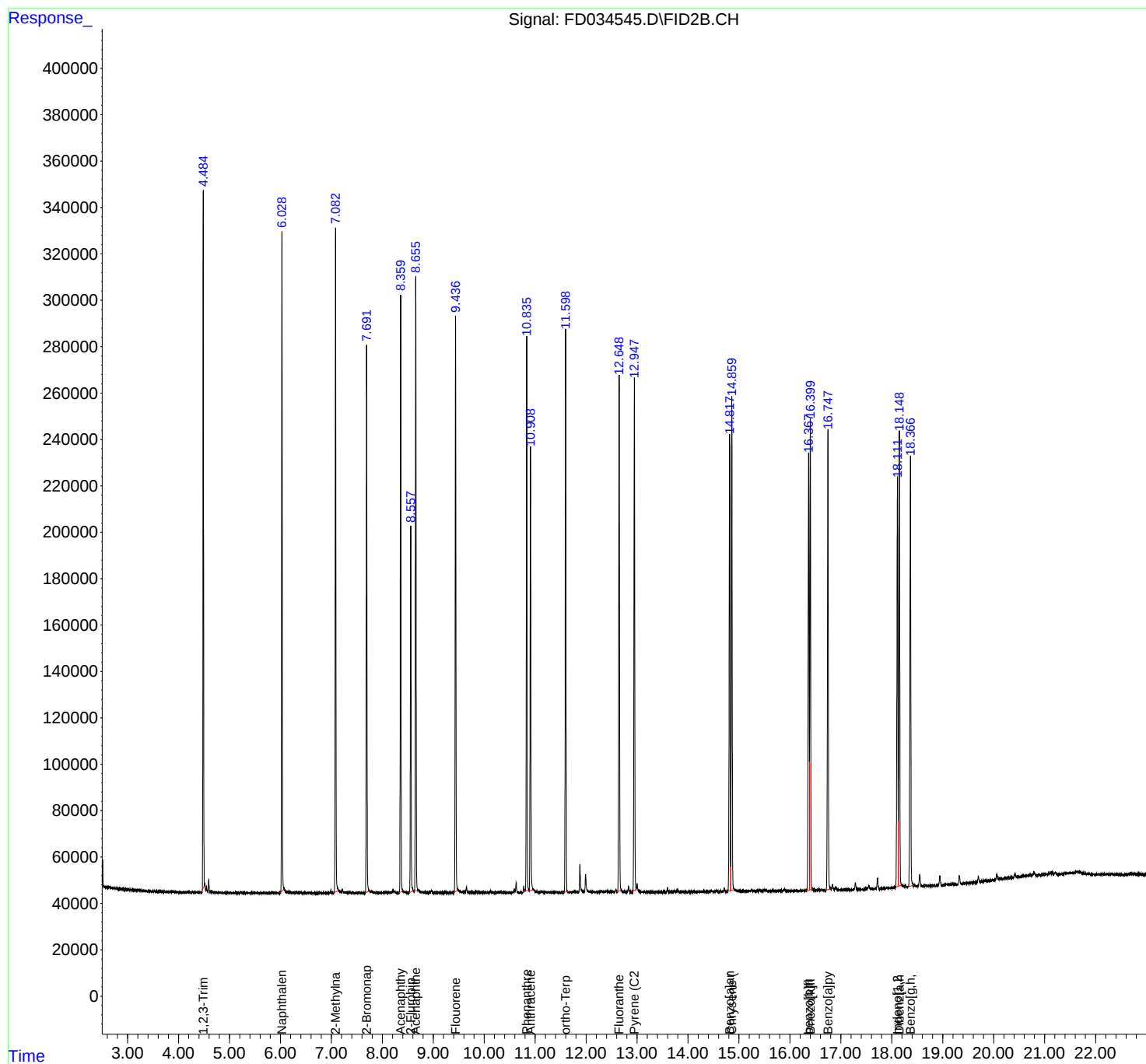
(m)=manual int.

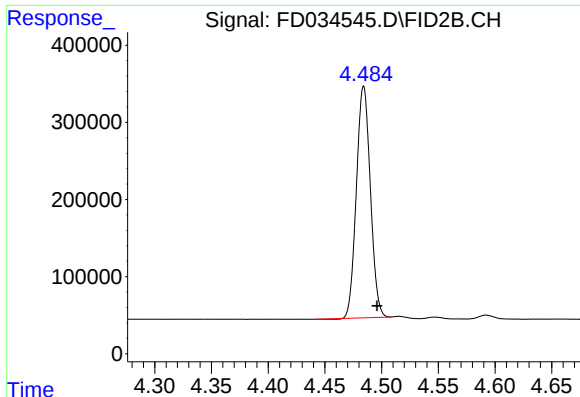
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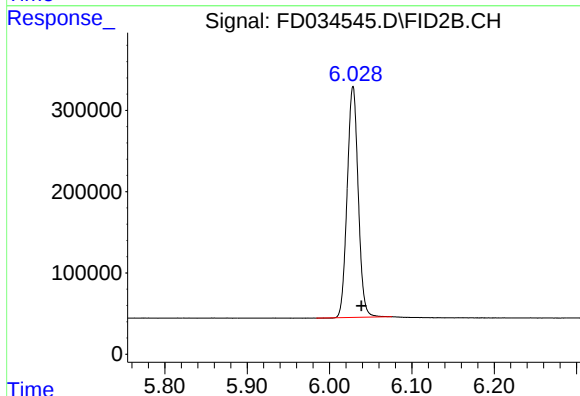




#1 1,2,3-Trimethylbenzene (C10.1)

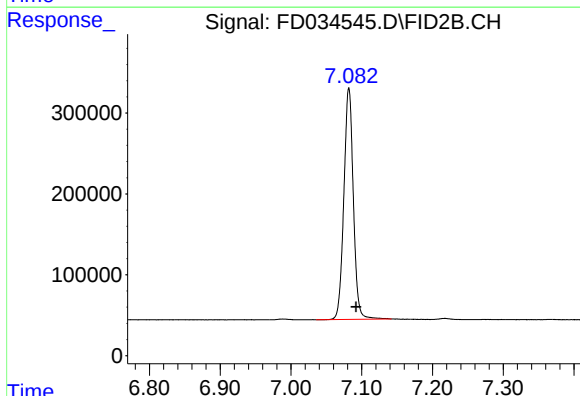
R.T.: 4.484 min
Delta R.T.: -0.012 min
Response: 2575411
Conc: 20.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



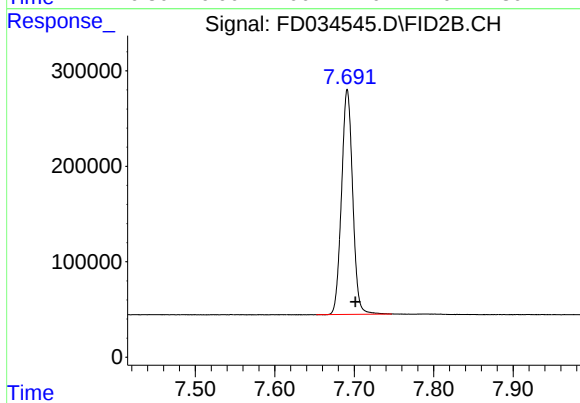
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.010 min
Response: 2641423
Conc: 19.74 ug/ml



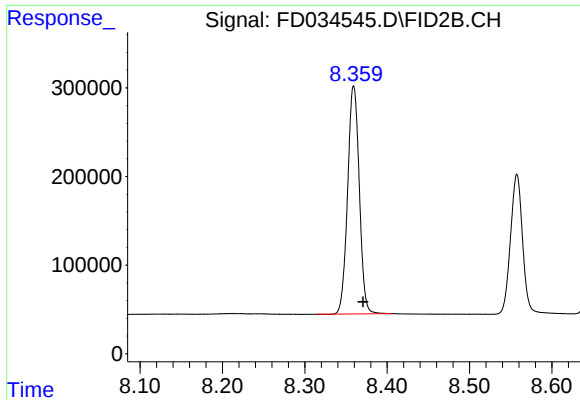
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.082 min
Delta R.T.: -0.010 min
Response: 2668120
Conc: 19.77 ug/ml



#4 2-Bromonaphthalene (SURR)

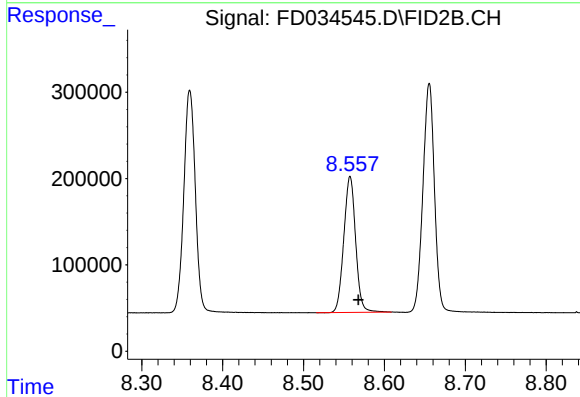
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 2299680
Conc: 19.67 ug/ml



#5 Acenaphthylene (C15.06)

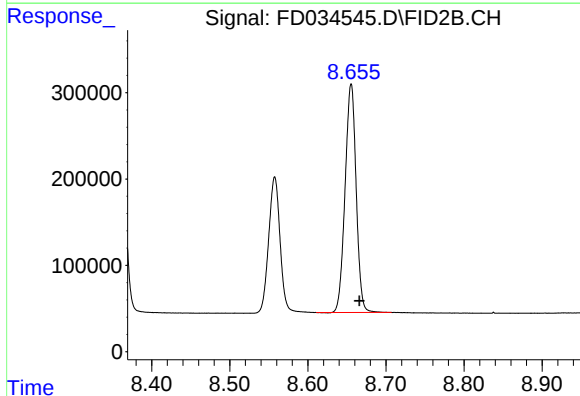
R.T.: 8.359 min
Delta R.T.: -0.011 min
Response: 2532549
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



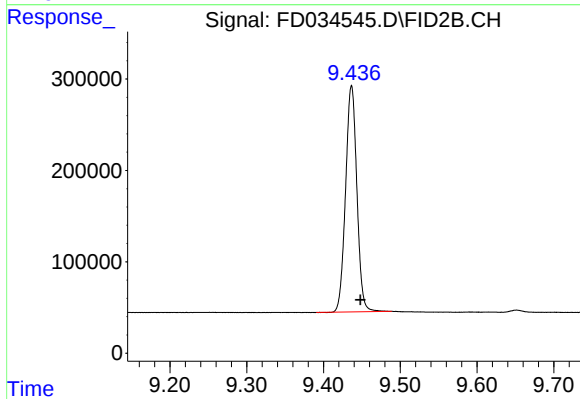
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min
Delta R.T.: -0.010 min
Response: 1598347
Conc: 19.28 ug/ml



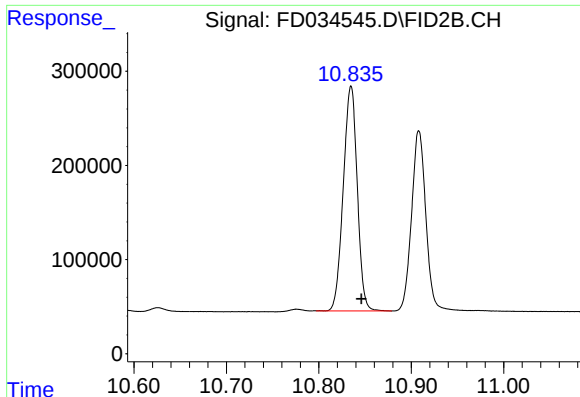
#7 Acenaphthene (C15.5)

R.T.: 8.655 min
Delta R.T.: -0.011 min
Response: 2608520
Conc: 19.40 ug/ml



#8 Fluorene (C16.55)

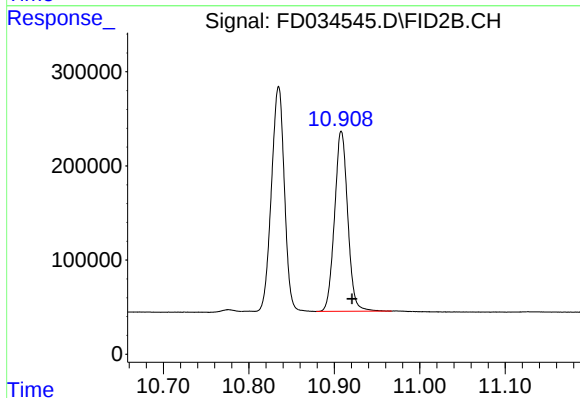
R.T.: 9.437 min
Delta R.T.: -0.012 min
Response: 2528056
Conc: 19.02 ug/ml



#9 Phenanthrene (C19.36)

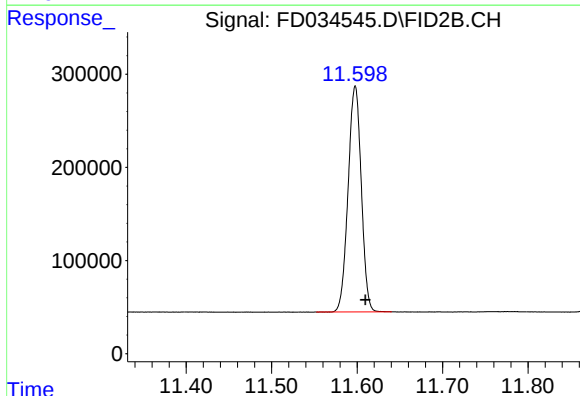
R.T.: 10.835 min
Delta R.T.: -0.011 min
Response: 2514658
Conc: 18.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



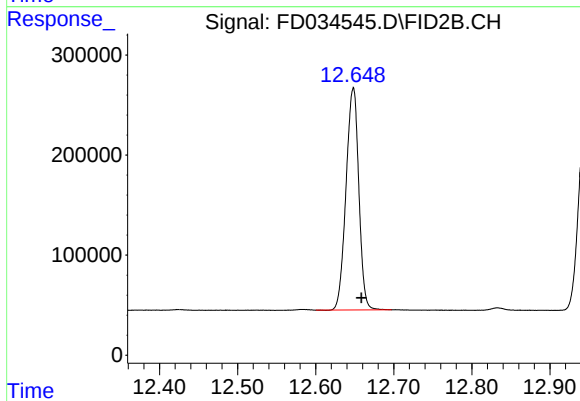
#10 Anthracene (C19.43)

R.T.: 10.908 min
Delta R.T.: -0.012 min
Response: 2045058
Conc: 15.41 ug/ml



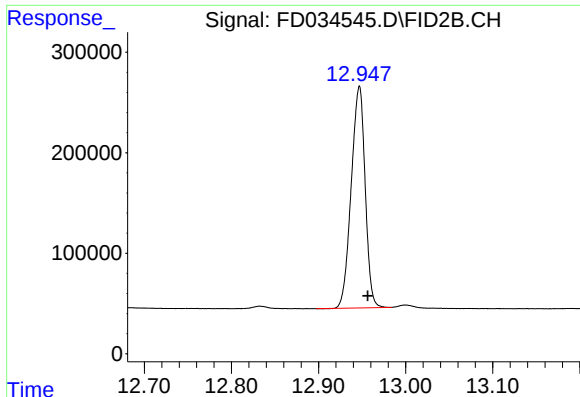
#11 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: -0.012 min
Response: 2598544
Conc: 19.12 ug/ml



#12 Fluoranthene (C21.85)

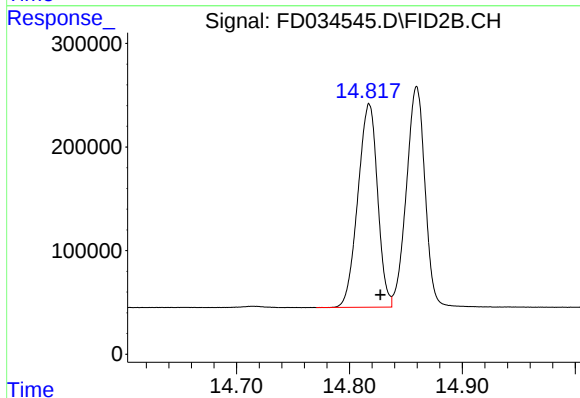
R.T.: 12.648 min
Delta R.T.: -0.010 min
Response: 2524224
Conc: 18.57 ug/ml



#13 Pyrene (C20.8)

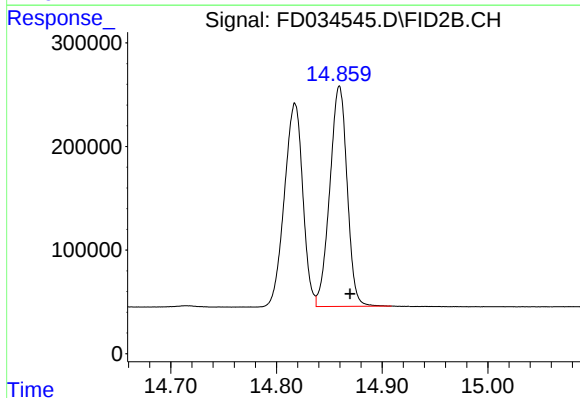
R.T.: 12.947 min
Delta R.T.: -0.010 min
Response: 2450321
Conc: 18.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



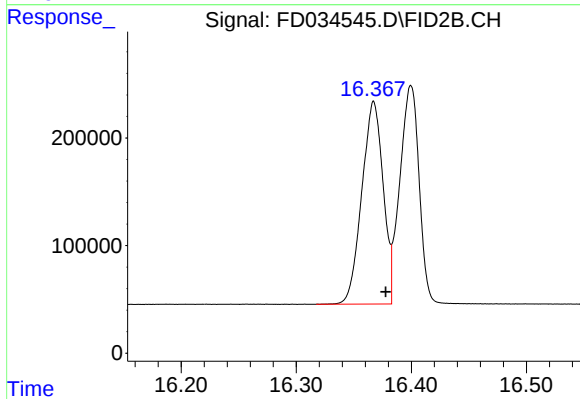
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.818 min
Delta R.T.: -0.010 min
Response: 2373880
Conc: 18.09 ug/ml



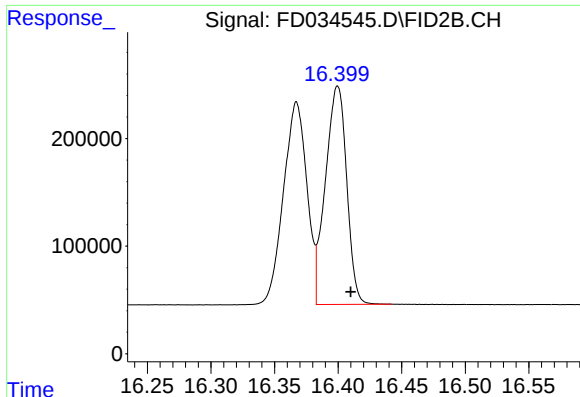
#15 Chrysene (C27.41)

R.T.: 14.860 min
Delta R.T.: -0.010 min
Response: 2426895
Conc: 18.51 ug/ml



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

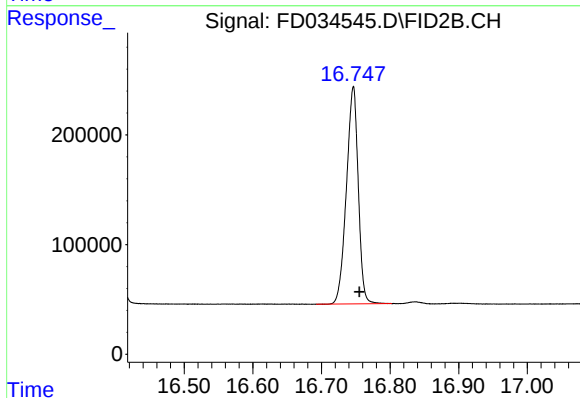
R.T.: 16.367 min
Delta R.T.: -0.010 min
Response: 2416930
Conc: 18.89 ug/ml



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

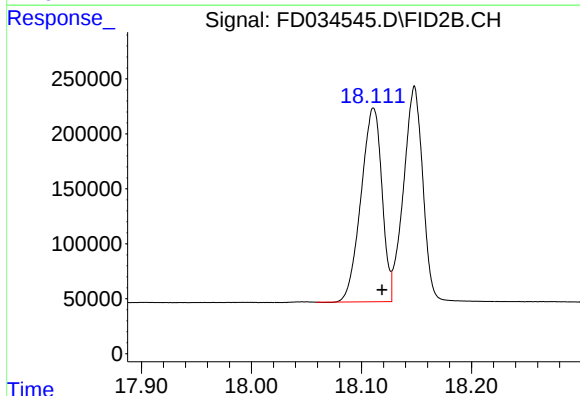
R.T.: 16.400 min
Delta R.T.: -0.010 min
Response: 2363167
Conc: 19.08 ug/ml

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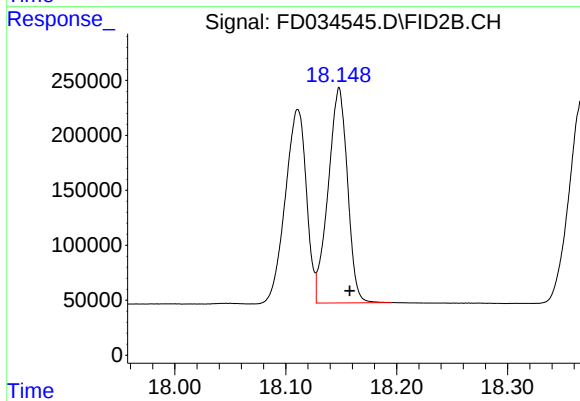
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.746 min
Delta R.T.: -0.009 min
Response: 2375187
Conc: 18.97 ug/ml



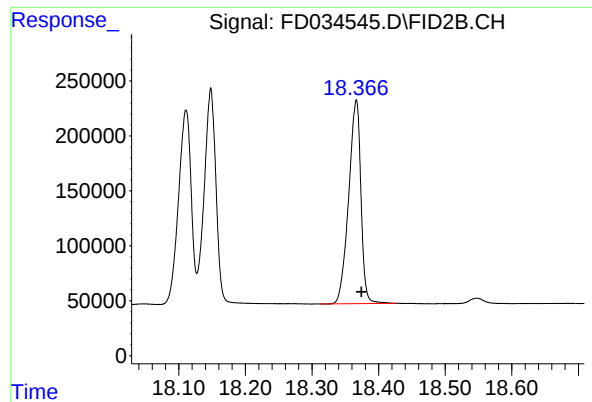
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.008 min
Response: 2331302
Conc: 19.37 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.010 min
Response: 2373143
Conc: 20.10 ug/ml



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

R.T.: 18.367 min
Delta R.T.: -0.008 min
Response: 2362270
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD