

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102820AR\
 Data File : FD035179.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2020 11:28
 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: Oct 29 02:22:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.645	2458379	21.328 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
6) S 2-Fluorobiphenyl (SURR)	8.509	1688594	21.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.48%
11) S ortho-Terphenyl (SURR)	11.548	2793700	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	2807267	21.585 ug/ml
2) T Naphthalene (C11.7)	5.983	2904183	21.355 ug/ml
3) T 2-Methylnaphthalene (...)	7.035	2900599	21.283 ug/ml
5) T Acenaphthylene (C15.06)	8.311	2763635	20.781 ug/ml
7) T Acenaphthene (C15.5)	8.606	2887002	21.341 ug/ml
8) T Fluorene (C16.55)	9.387	2759103	21.267 ug/ml
9) T Phenanthrene (C19.36)	10.784	2697995	21.287 ug/ml
10) T Anthracene (C19.43)	10.859	2641463	20.667 ug/ml
12) T Fluoranthene (C21.85)	12.596	2655571	21.317 ug/ml
13) T Pyrene (C20.8)	12.892	2547520	20.844 ug/ml
14) T Benzo[a]anthracene (C...	14.764	2269679	21.412 ug/ml
15) T Chrysene (C27.41)	14.806	2489346	21.273 ug/ml
16) T benzo[b]fluoranthene ...	16.315	2201347	21.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.346	2230393	21.268 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.693	1988672	20.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	1956657	22.062 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	2215656	21.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	2088531	21.857 ug/ml

(f)=RT Delta > 1/2 Window

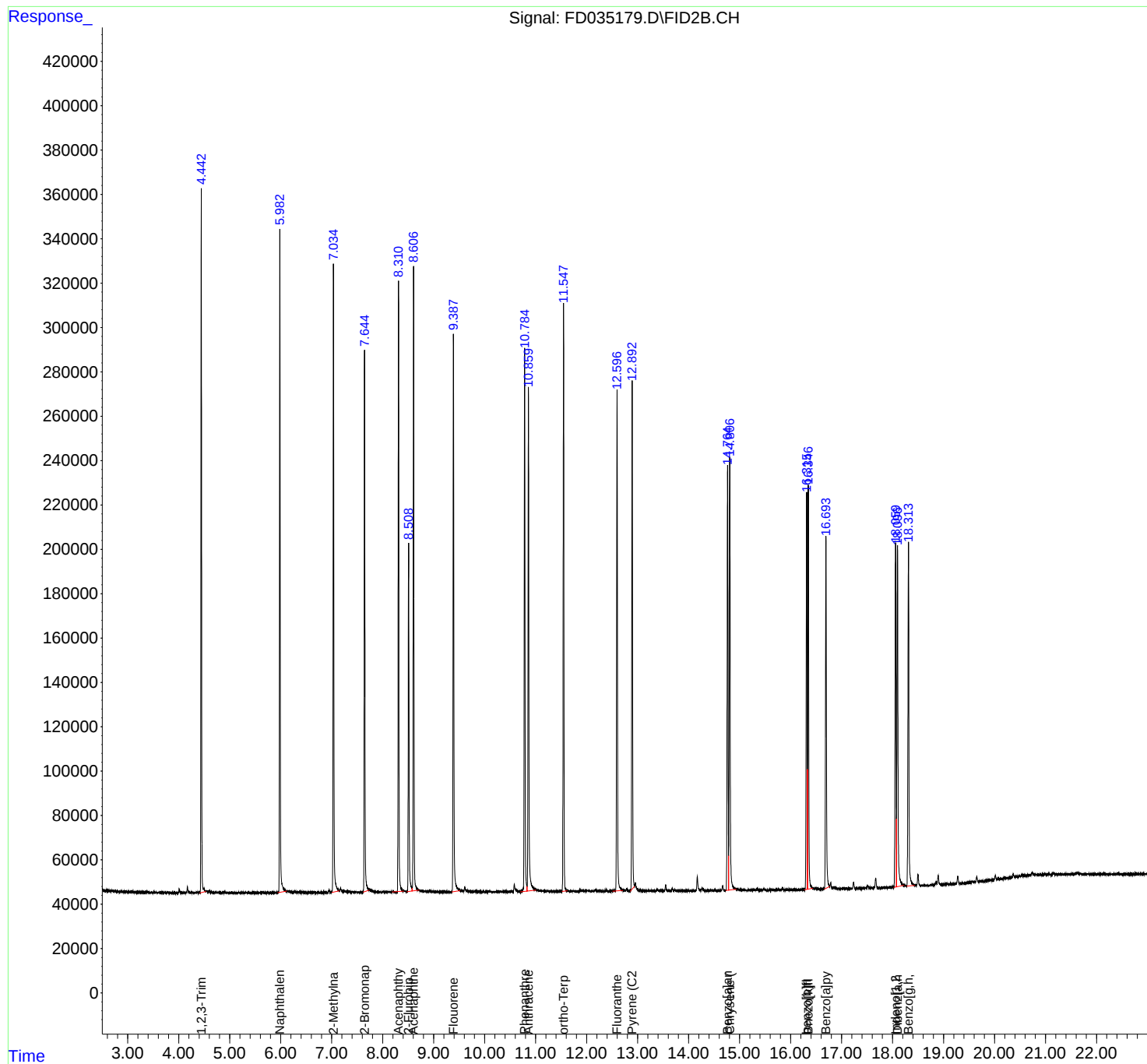
(m)=manual int.

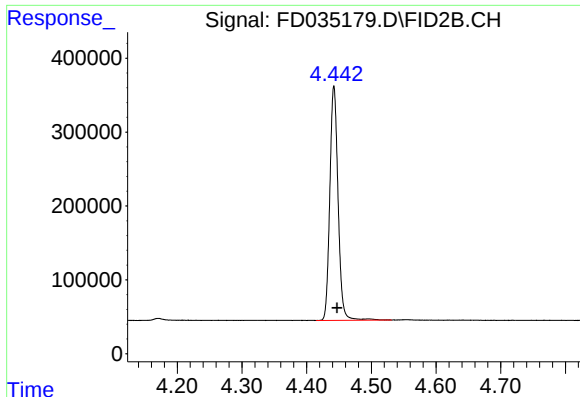
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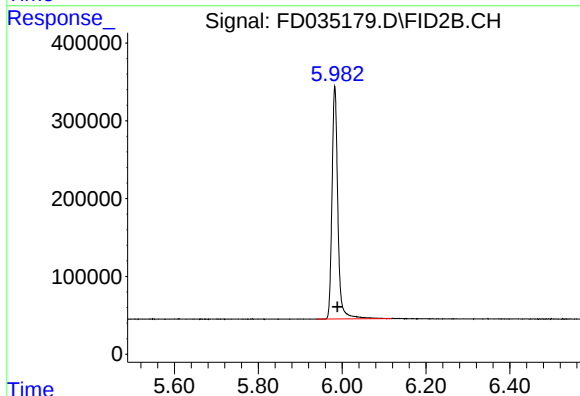




#1 1,2,3-Trimethylbenzene (C10.1)

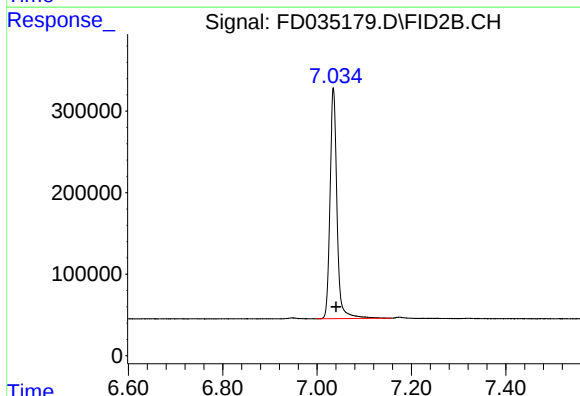
R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 2807267
Conc: 21.59 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



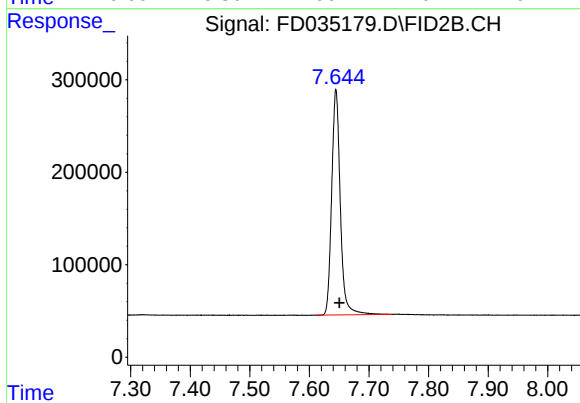
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.006 min
Response: 2904183
Conc: 21.35 ug/ml



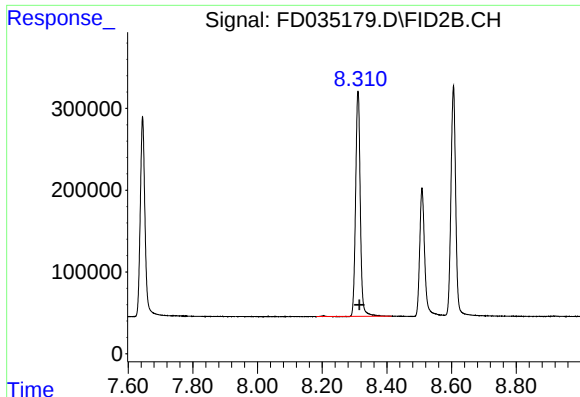
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 2900599
Conc: 21.28 ug/ml



#4 2-Bromonaphthalene (SURR)

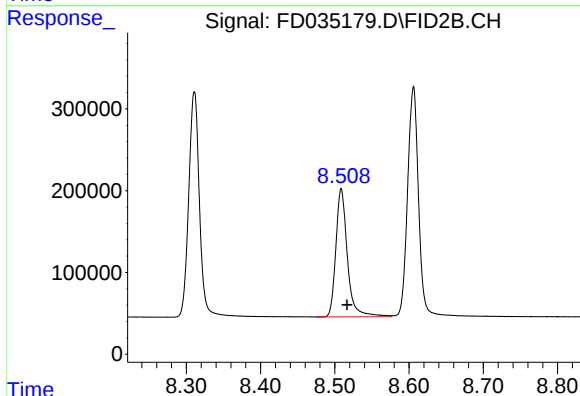
R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 2458379
Conc: 21.33 ug/ml



#5 Acenaphthylene (C15.06)

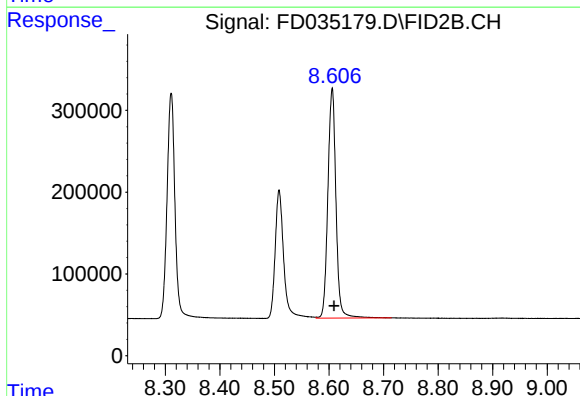
R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 2763635
Conc: 20.78 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



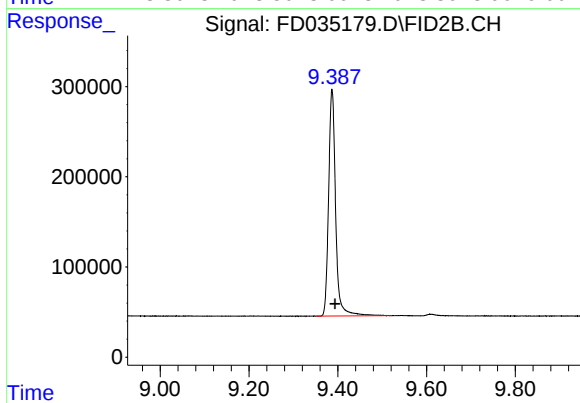
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.008 min
Response: 1688594
Conc: 21.24 ug/ml



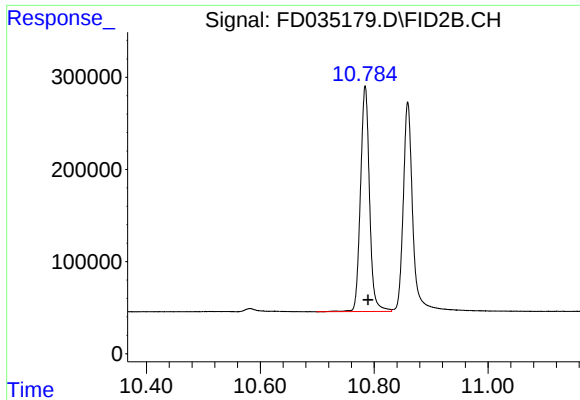
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 2887002
Conc: 21.34 ug/ml



#8 Flouorene (C16.55)

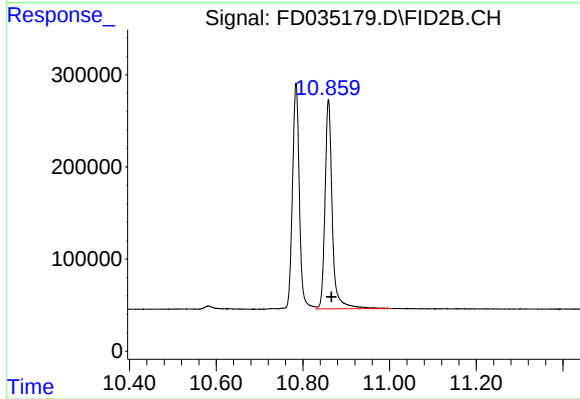
R.T.: 9.387 min
Delta R.T.: -0.006 min
Response: 2759103
Conc: 21.27 ug/ml



#9 Phenanthrene (C19.36)

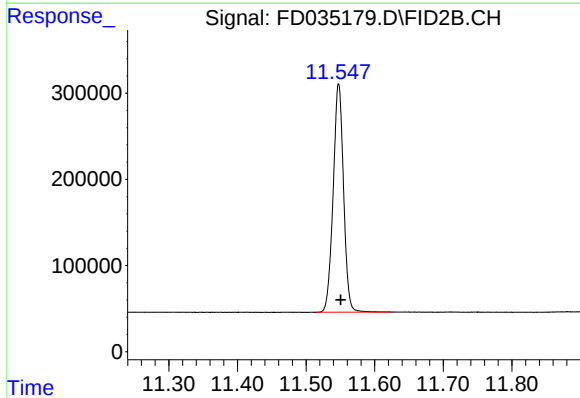
R.T.: 10.784 min
Delta R.T.: -0.005 min
Response: 2697995
Conc: 21.29 ug/ml

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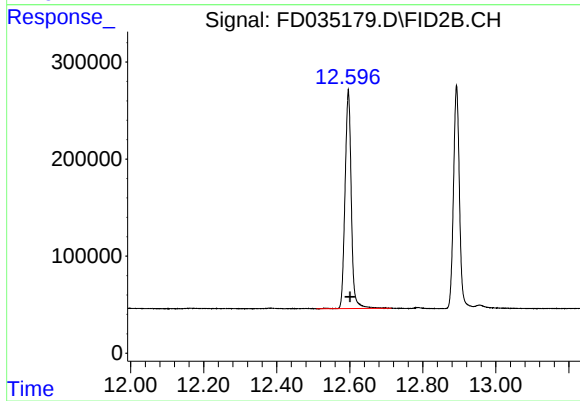
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.006 min
Response: 2641463
Conc: 20.67 ug/ml



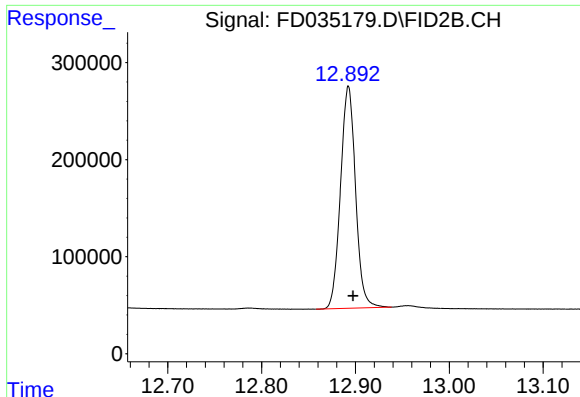
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.003 min
Response: 2793700
Conc: 21.19 ug/ml



#12 Fluoranthene (C21.85)

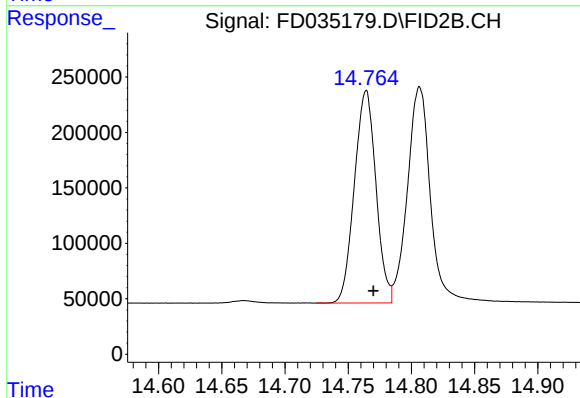
R.T.: 12.596 min
Delta R.T.: -0.005 min
Response: 2655571
Conc: 21.32 ug/ml



#13 Pyrene (C20.8)

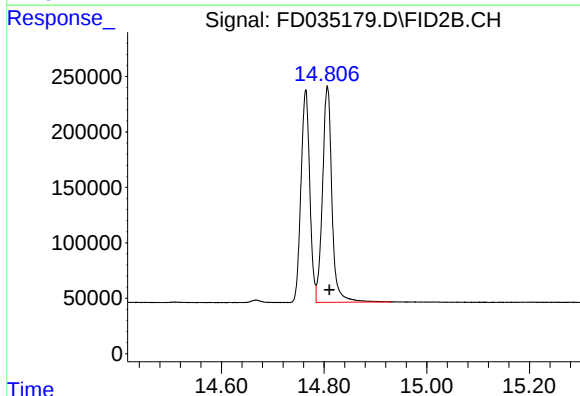
R.T.: 12.892 min
Delta R.T.: -0.005 min
Response: 2547520
Conc: 20.84 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



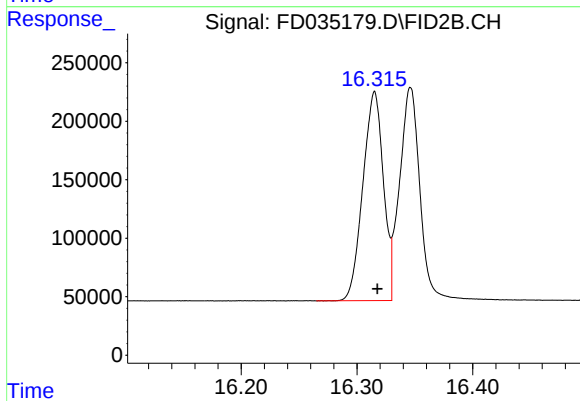
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: -0.006 min
Response: 2269679
Conc: 21.41 ug/ml



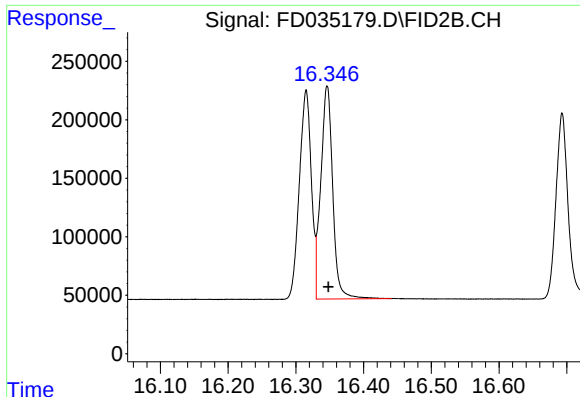
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: -0.004 min
Response: 2489346
Conc: 21.27 ug/ml



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

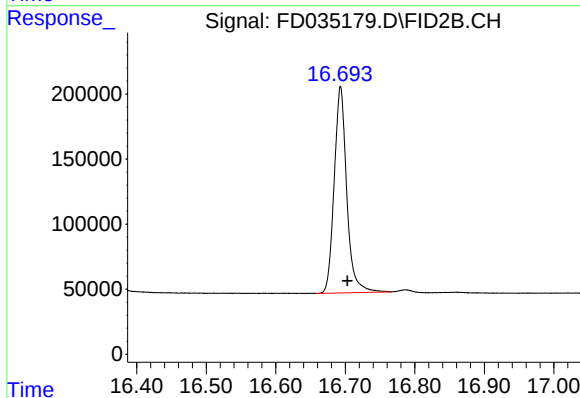
R.T.: 16.315 min
Delta R.T.: -0.003 min
Response: 2201347
Conc: 21.45 ug/ml



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

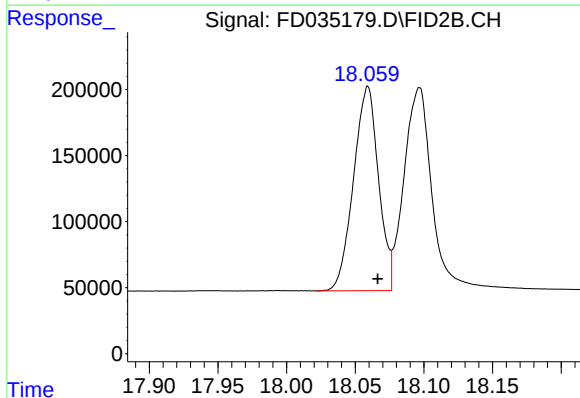
R.T.: 16.346 min
Delta R.T.: -0.002 min
Response: 2230393
Conc: 21.27 ug/ml

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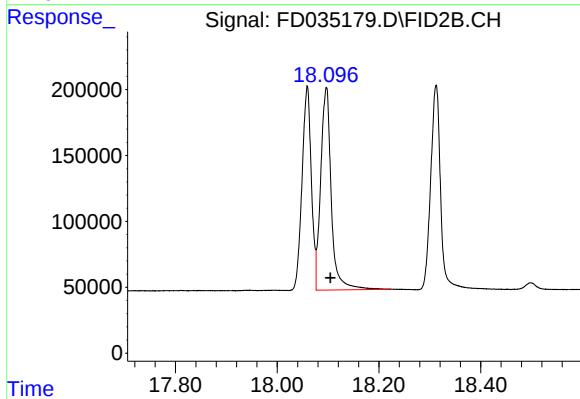
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min
Delta R.T.: -0.010 min
Response: 1988672
Conc: 21.00 ug/ml



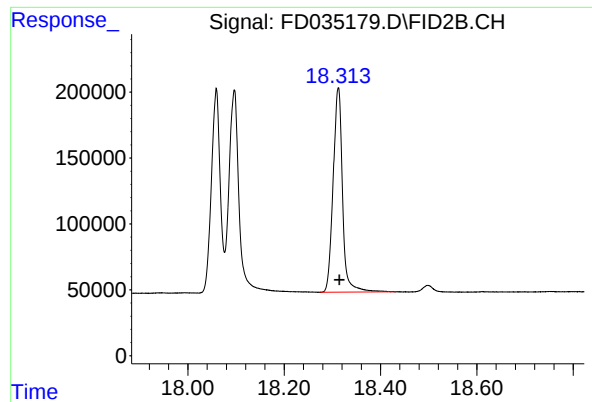
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: -0.008 min
Response: 1956657
Conc: 22.06 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.008 min
Response: 2215656
Conc: 21.85 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.003 min
Response: 2088531
Conc: 21.86 ug/ml

Instrument :
FID_D
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