

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033141.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2020 11:05
 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: Apr 24 02:02:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.595	2705295	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
6) S 2-Fluorobiphenyl (SURR)	8.457	1753365	17.972 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.94%
11) S ortho-Terphenyl (SURR)	11.489	2772650	17.349 ug/ml
Spiked Amount 50.000		Recovery =	34.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	2641320	17.005 ug/ml
2) T Naphthalene (C11.7)	5.937	3065629	18.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.987	2982658	18.483 ug/ml
5) T Acenaphthylene (C15.06)	8.259	2795831	18.074 ug/ml
7) T Acenaphthene (C15.5)	8.554	2923062	18.165 ug/ml
8) T Fluorene (C16.55)	9.333	2789139	17.941 ug/ml
9) T Phenanthrene (C19.36)	10.727	2676164	17.084 ug/ml
10) T Anthracene (C19.43)	10.802	2534364	16.639 ug/ml
12) T Fluoranthene (C21.85)	12.537	2607718	16.547 ug/ml
13) T Pyrene (C20.8)	12.834	2570950	16.464 ug/ml
14) T Benzo[a]anthracene (C...	14.748	2554968	17.949 ug/ml
15) T Chrysene (C27.41)	14.748	2554968	17.316 ug/ml
16) T benzo[b]fluoranthene ...	16.289	2575404	18.870 ug/ml
17) T Bnezo[k]fluoranthene ...	16.289	2575404	18.712 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.637	2552277	19.267 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	2625621	21.753 ug/ml
20) T Dibenz[a,h]anthracene...	18.042	2625621	20.959 ug/ml
21) T Benzo[g,h,i]perylene ...	18.260	2513252	20.766 ug/ml

(f)=RT Delta > 1/2 Window

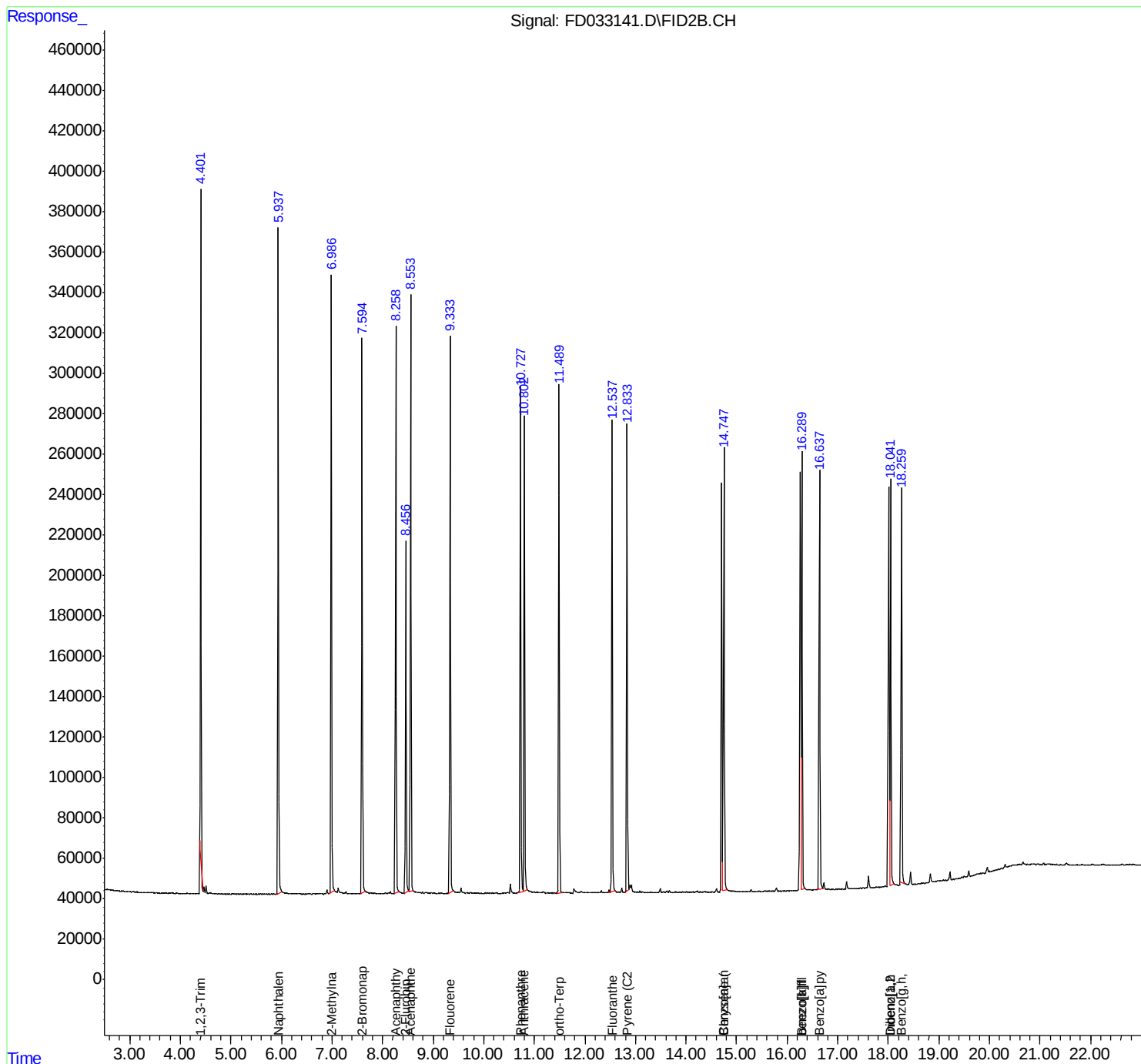
(m)=manual int.

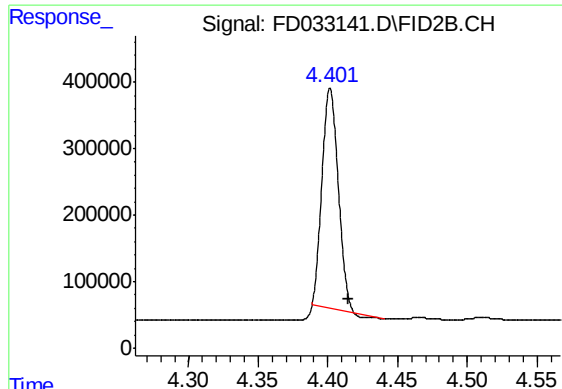
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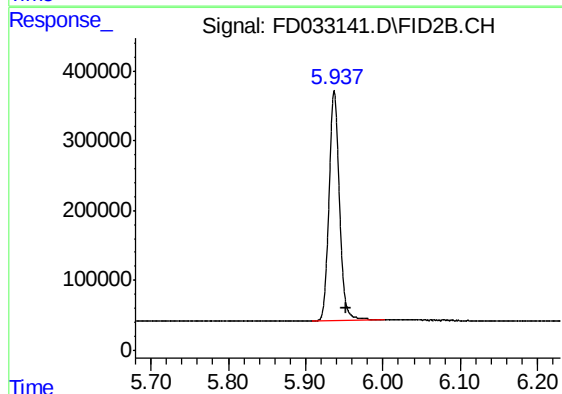




#1 1,2,3-Trimethylbenzene (C10.1)

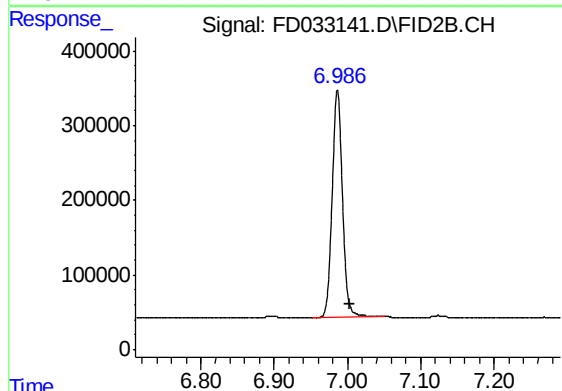
R.T.: 4.402 min
Delta R.T.: -0.013 min
Response: 2641320
Conc: 17.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



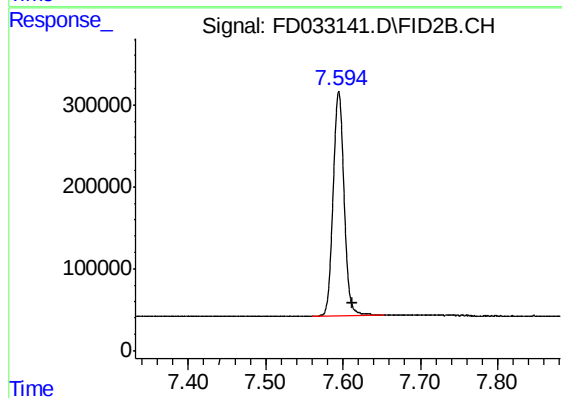
#2 Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.015 min
Response: 3065629
Conc: 18.79 ug/ml



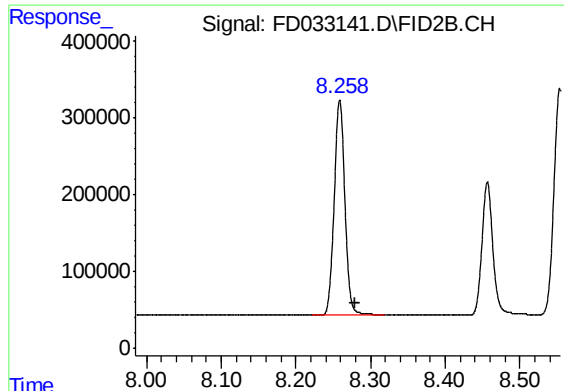
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.018 min
Response: 2982658
Conc: 18.48 ug/ml



#4 2-Bromonaphthalene (SURR)

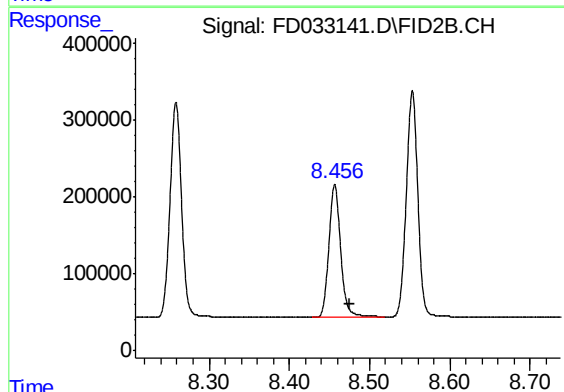
R.T.: 7.595 min
Delta R.T.: -0.017 min
Response: 2705295
Conc: 18.44 ug/ml



#5 Acenaphthylene (C15.06)

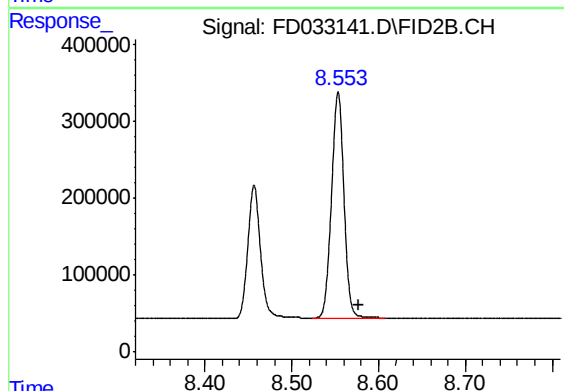
R.T.: 8.259 min
Delta R.T.: -0.020 min
Response: 2795831
Conc: 18.07 ug/ml

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20 PPM AROMATIC HC STD



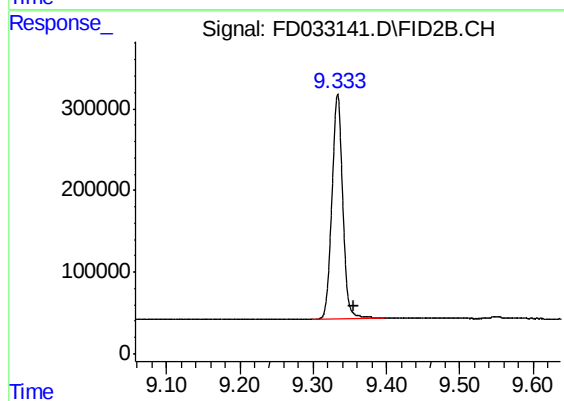
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: -0.018 min
Response: 1753365
Conc: 17.97 ug/ml



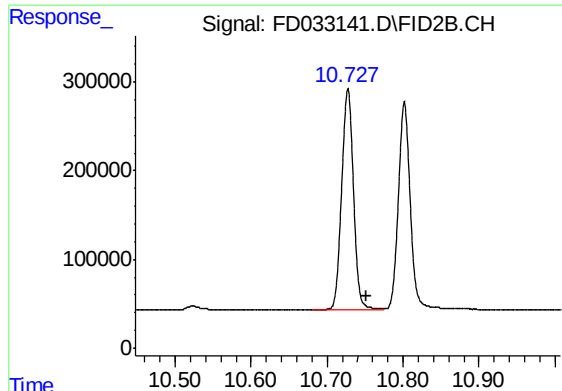
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: -0.023 min
Response: 2923062
Conc: 18.17 ug/ml



#8 Fluorene (C16.55)

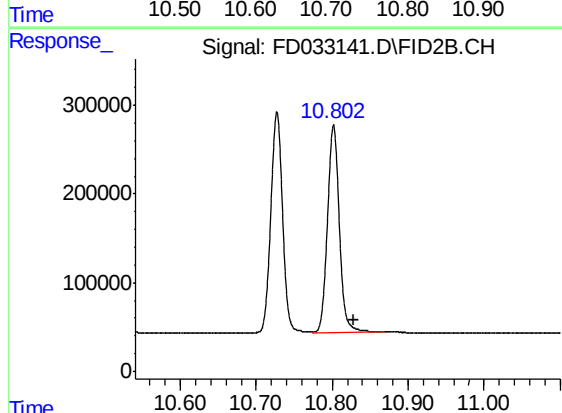
R.T.: 9.333 min
Delta R.T.: -0.022 min
Response: 2789139
Conc: 17.94 ug/ml



#9 Phenanthrene (C19.36)

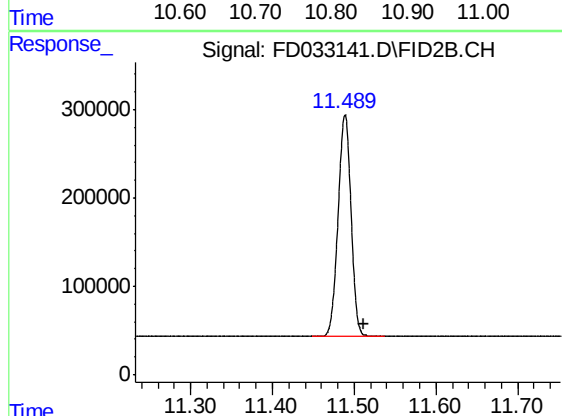
R.T.: 10.727 min
Delta R.T.: -0.024 min
Response: 2676164
Conc: 17.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



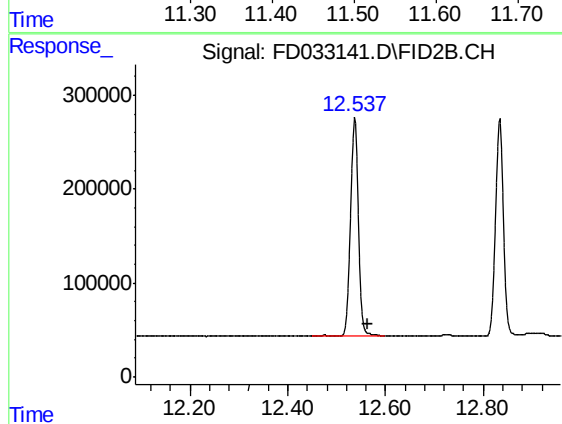
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.027 min
Response: 2534364
Conc: 16.64 ug/ml



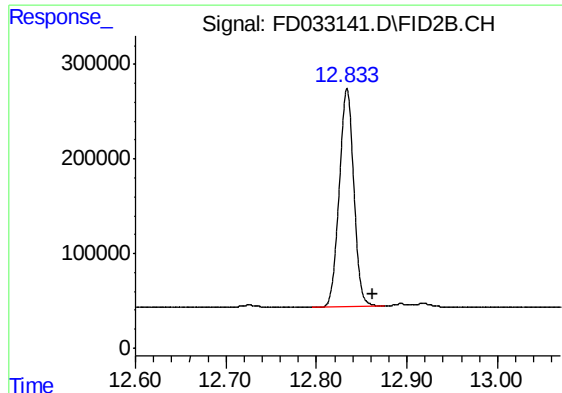
#11 ortho-Terphenyl (SURRE)

R.T.: 11.489 min
Delta R.T.: -0.023 min
Response: 2772650
Conc: 17.35 ug/ml



#12 Fluoranthene (C21.85)

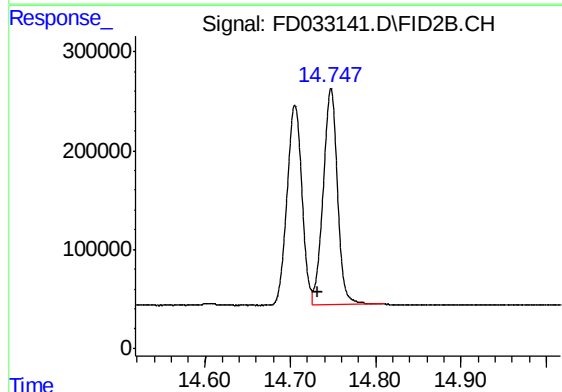
R.T.: 12.537 min
Delta R.T.: -0.027 min
Response: 2607718
Conc: 16.55 ug/ml



#13 Pyrene (C20.8)

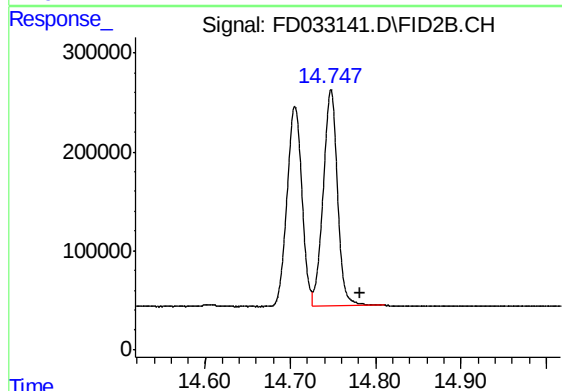
R.T.: 12.834 min
Delta R.T.: -0.029 min
Response: 2570950
Conc: 16.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



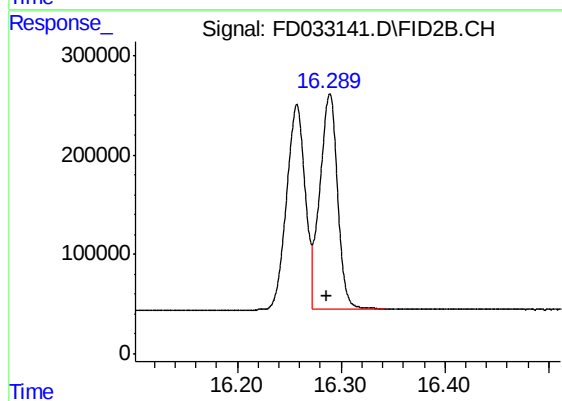
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: 0.015 min
Response: 2554968
Conc: 17.95 ug/ml



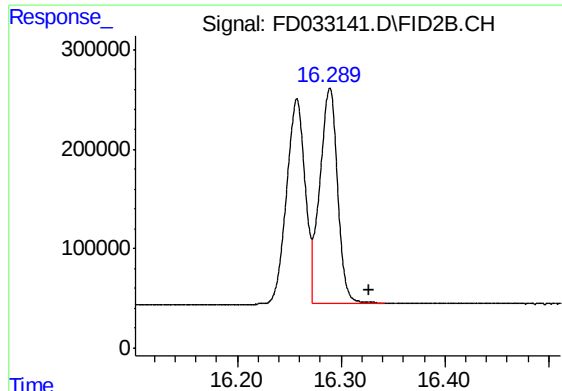
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.034 min
Response: 2554968
Conc: 17.32 ug/ml



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

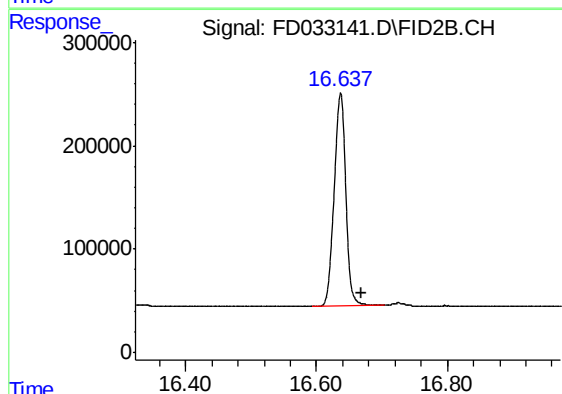
R.T.: 16.289 min
Delta R.T.: 0.003 min
Response: 2575404
Conc: 18.87 ug/ml



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

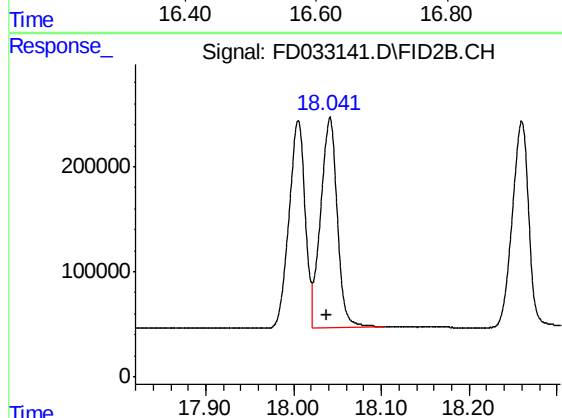
R.T.: 16.289 min
Delta R.T.: -0.038 min
Response: 2575404
Conc: 18.71 ug/ml

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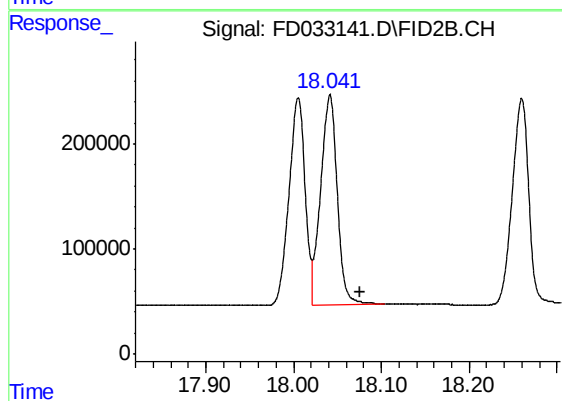
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.637 min
Delta R.T.: -0.032 min
Response: 2552277
Conc: 19.27 ug/ml



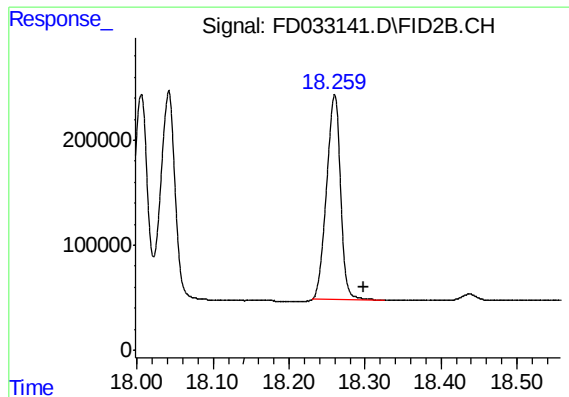
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.004 min
Response: 2625621
Conc: 21.75 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.034 min
Response: 2625621
Conc: 20.96 ug/ml



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

R.T.: 18.260 min
Delta R.T.: -0.038 min
Response: 2513252
Conc: 20.77 ug/ml

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