

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
 Data File : FD031782.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2019 20:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

monammad
 12/6/2019 2:39:17 PM

Integration File: autoint1.e
 Quant Time: Dec 06 03:01:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.646	2616070	21.150 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
6) S 2-Fluorobiphenyl (SURR)	8.508	1804860	21.160 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.32%
11) S ortho-Terphenyl (SURR)	11.545	2800696	21.168 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	2679505	21.203 ug/ml
2) T Naphthalene (C11.7)	5.987	2848099	21.121 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	2839119	21.096 ug/ml
5) T Acenaphthylene (C15.06)	8.312	2763267	21.199 ug/ml
7) T Acenaphthene (C15.5)	8.607	2862987	21.185 ug/ml
8) T Flouorene (C16.55)	9.386	2854721	21.224 ug/ml
9) T Phenanthrene (C19.36)	10.781	2857989	21.189 ug/ml
10) T Anthracene (C19.43)	10.855	2831904	21.230 ug/ml
12) T Fluoranthene (C21.85)	12.590	2872729	21.232 ug/ml
13) T Pyrene (C20.8)	12.887	2853052	21.286 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2713223	21.297 ug/ml
15) T Chrysene (C27.41)	14.798	2710817	21.247 ug/ml
16) T benzo[b]fluoranthene ...	16.303	2627829	21.331 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	2600034	21.387 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2561721	21.373 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	2435327	21.183 ug/mlm
20) T Dibenz[a,h]anthracene...	18.082	2399384	21.256 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	2406942	21.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 57 Sample Multiplier: 1

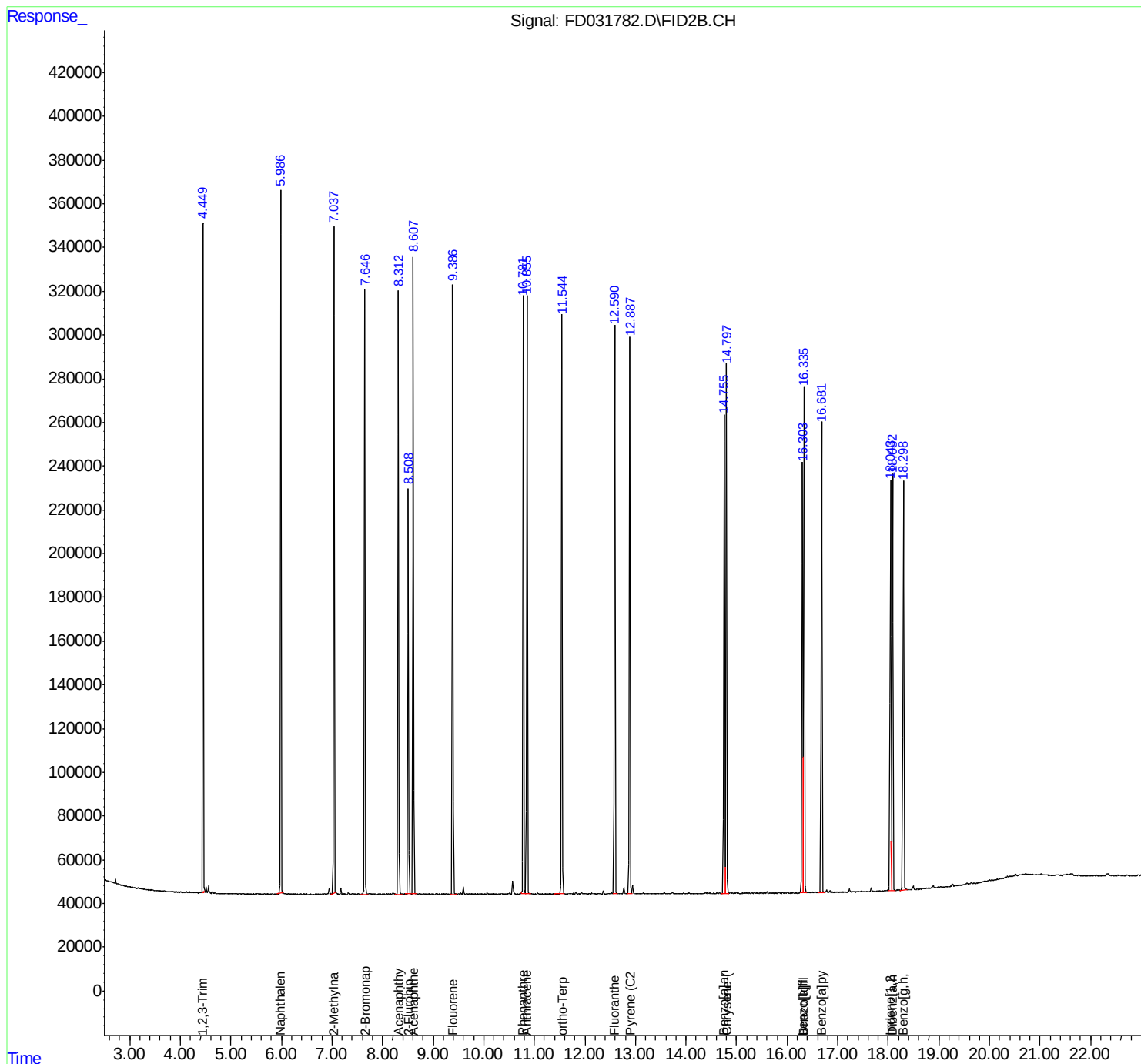
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20 PPM AROMATIC HC STD ICV

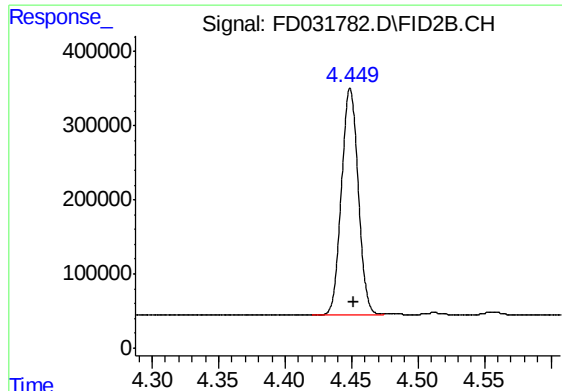
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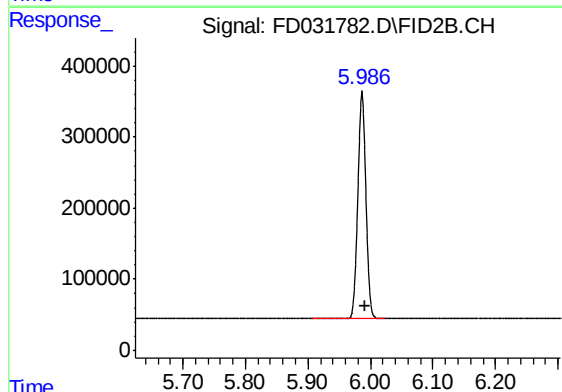
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 2679505
Conc: 21.20 ug/ml

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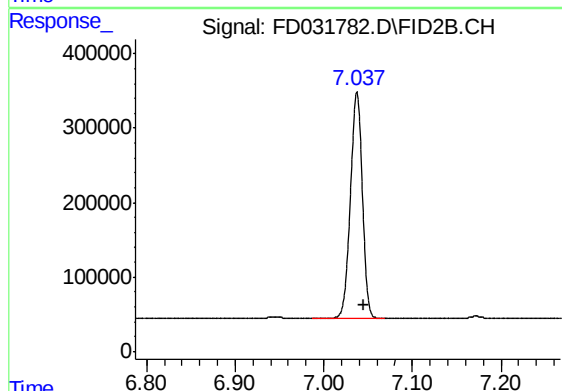
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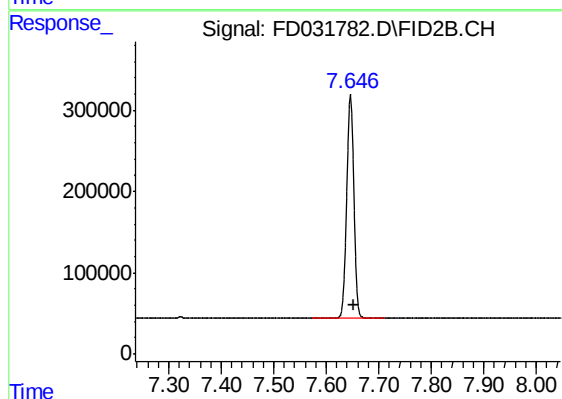
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 2848099
Conc: 21.12 ug/ml



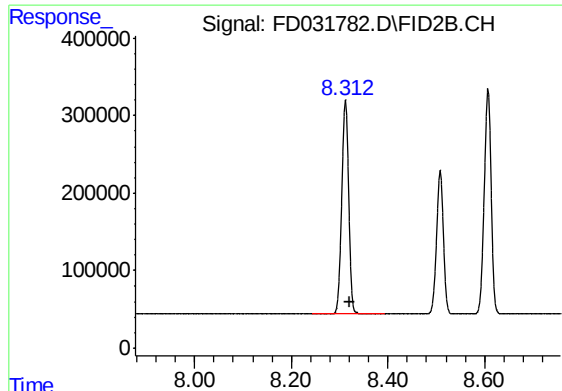
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.008 min
Response: 2839119
Conc: 21.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.646 min
Delta R.T.: -0.007 min
Response: 2616070
Conc: 21.15 ug/ml



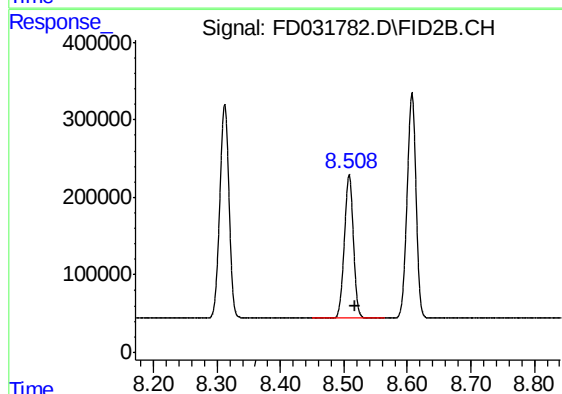
#5 Acenaphthylene (C15.06)

R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 2763267
Conc: 21.20 ug/ml

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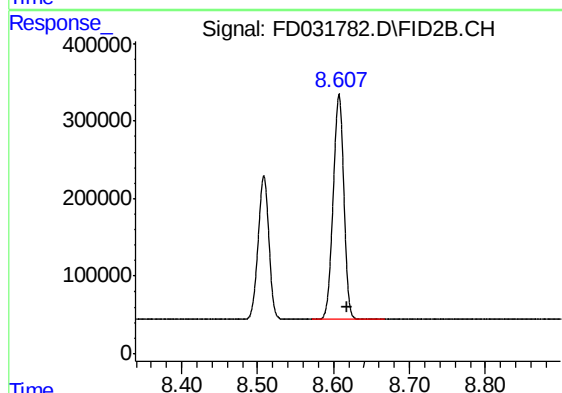
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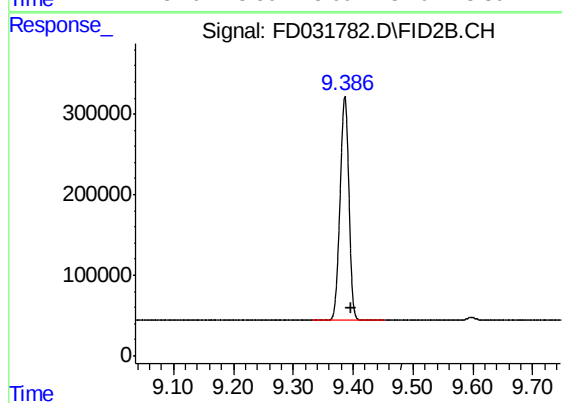
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.508 min
Delta R.T.: -0.009 min
Response: 1804860
Conc: 21.16 ug/ml



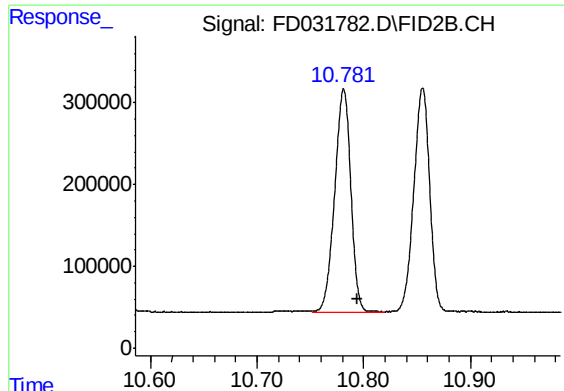
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.011 min
Response: 2862987
Conc: 21.19 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.386 min
Delta R.T.: -0.011 min
Response: 2854721
Conc: 21.22 ug/ml



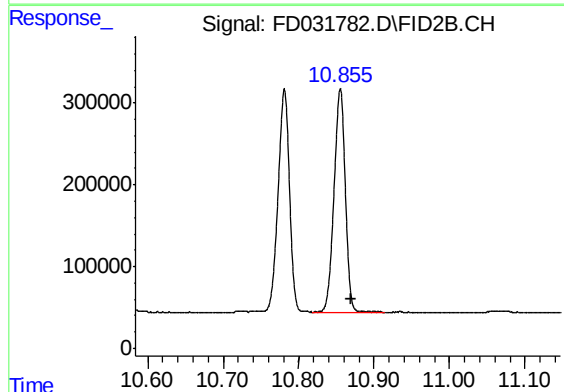
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: -0.012 min
Response: 2857989
Conc: 21.19 ug/ml

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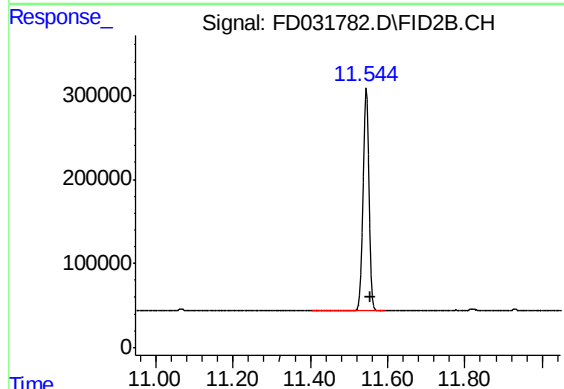
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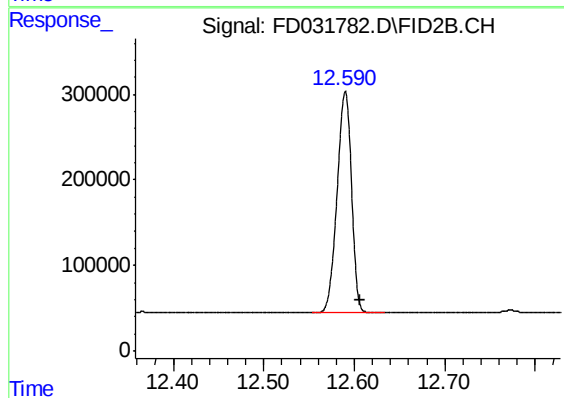
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.015 min
Response: 2831904
Conc: 21.23 ug/ml



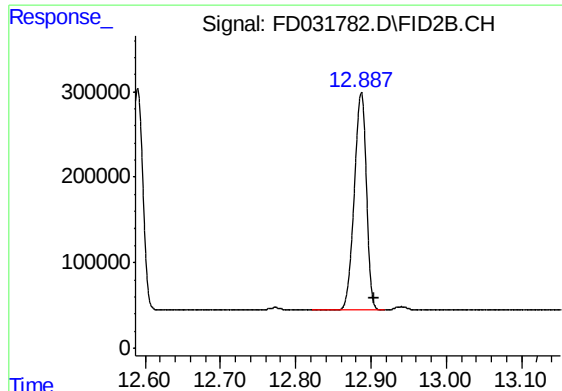
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.010 min
Response: 2800696
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.590 min
Delta R.T.: -0.016 min
Response: 2872729
Conc: 21.23 ug/ml



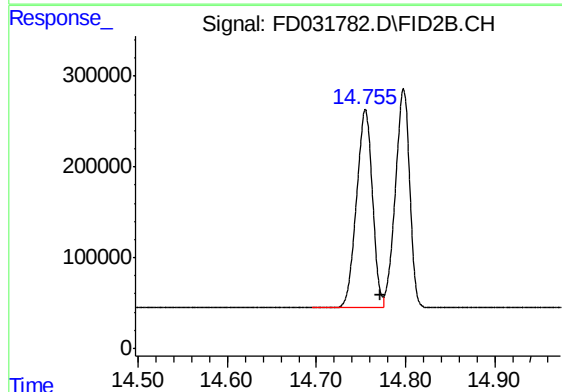
#13 Pyrene (C20.8)

R.T.: 12.887 min
Delta R.T.: -0.017 min
Response: 2853052
Conc: 21.29 ug/ml

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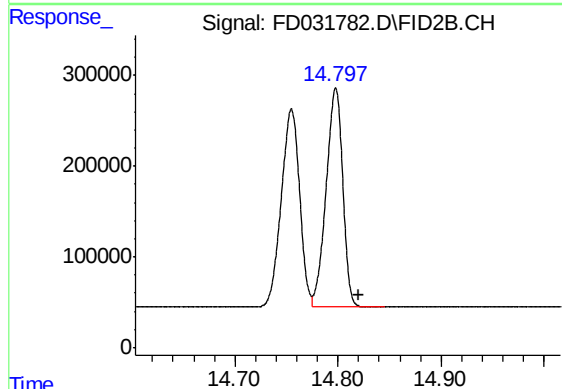
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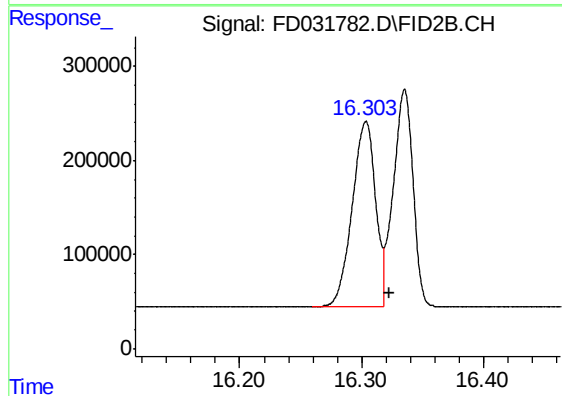
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.017 min
Response: 2713223
Conc: 21.30 ug/ml



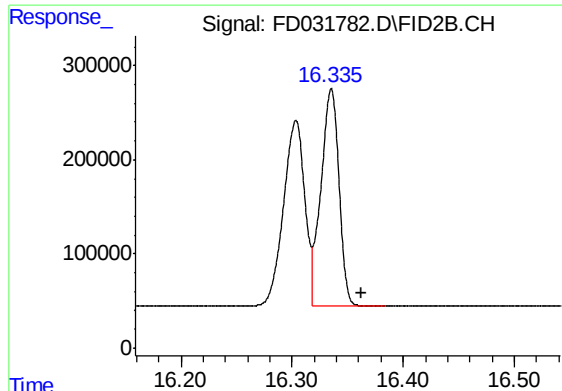
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: -0.022 min
Response: 2710817
Conc: 21.25 ug/ml



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

R.T.: 16.303 min
Delta R.T.: -0.020 min
Response: 2627829
Conc: 21.33 ug/ml m



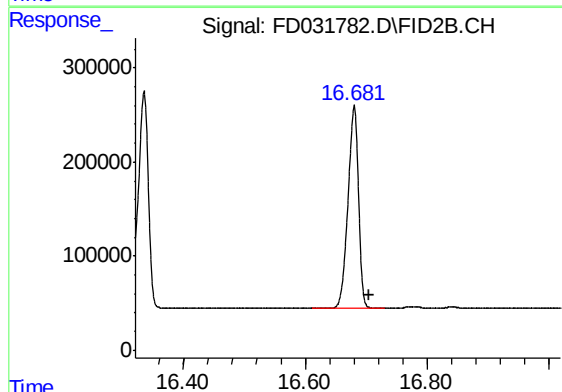
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.027 min
Response: 2600034
Conc: 21.39 ug/ml

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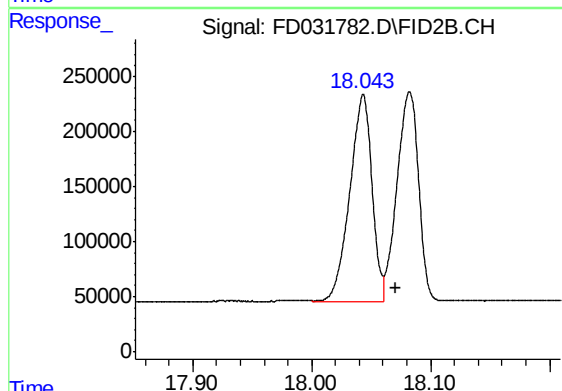
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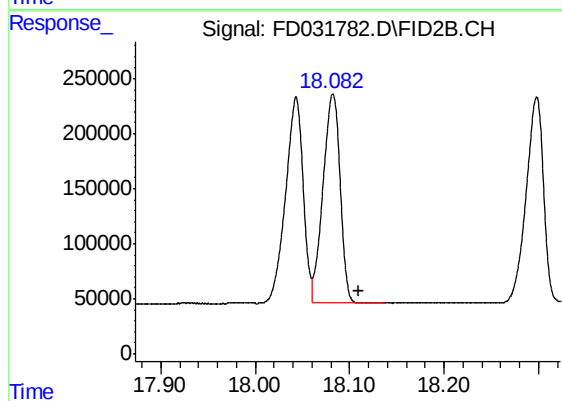
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.024 min
Response: 2561721
Conc: 21.37 ug/ml



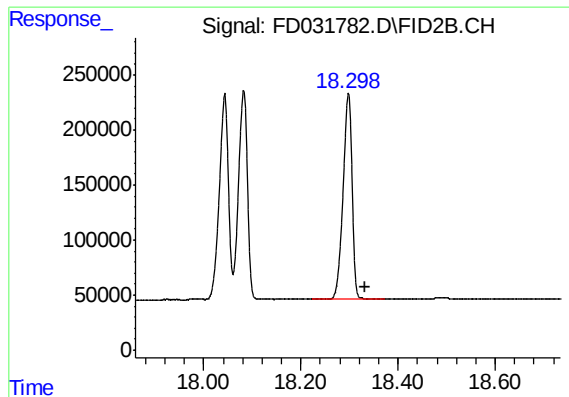
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: -0.027 min
Response: 2435327
Conc: 21.18 ug/ml m



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

R.T.: 18.082 min
Delta R.T.: -0.027 min
Response: 2399384
Conc: 21.26 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.034 min
Response: 2406942
Conc: 21.24 ug/ml

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