

Data Path : P:\HPCHEM1\FID D\Data\FD030818AR\
 Data File : FD022441.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2018 2:09
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 04:18:45 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.332	1704908	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.192	1001934	19.818 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.64%
11) S ortho-Terphenyl (SURR)	11.215	2032890	21.421 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.140	1856928	21.028 ug/mlm
2) T Naphthalene (C11.7)	5.671	1871679	20.924 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	1803098	19.854 ug/ml
5) T Acenaphthylene (C15.06)	7.987	1934750	20.202 ug/ml
7) T Acenaphthene (C15.5)	8.279	1974337	19.273 ug/mlm
8) T Fluorene (C16.55)	9.062	1941327	20.704 ug/ml
9) T Phenanthrene (C19.36)	10.455	2033605	21.827 ug/ml
10) T Anthracene (C19.43)	10.532	2049046	21.608 ug/ml
12) T Fluoranthene (C21.85)	12.265	2180350	21.737 ug/ml
13) T Pyrene (C20.8)	12.559	2176149	21.419 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.436	2061661	21.380 ug/mlm
15) T Chrysene (C27.41)	14.478	2209114	20.468 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.994	2123728	21.125 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.026	2306503	20.326 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.377	2116018	20.135 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.757	1476934	15.502 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.783	2524827	22.218 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.008	1790784	17.242 ug/ml

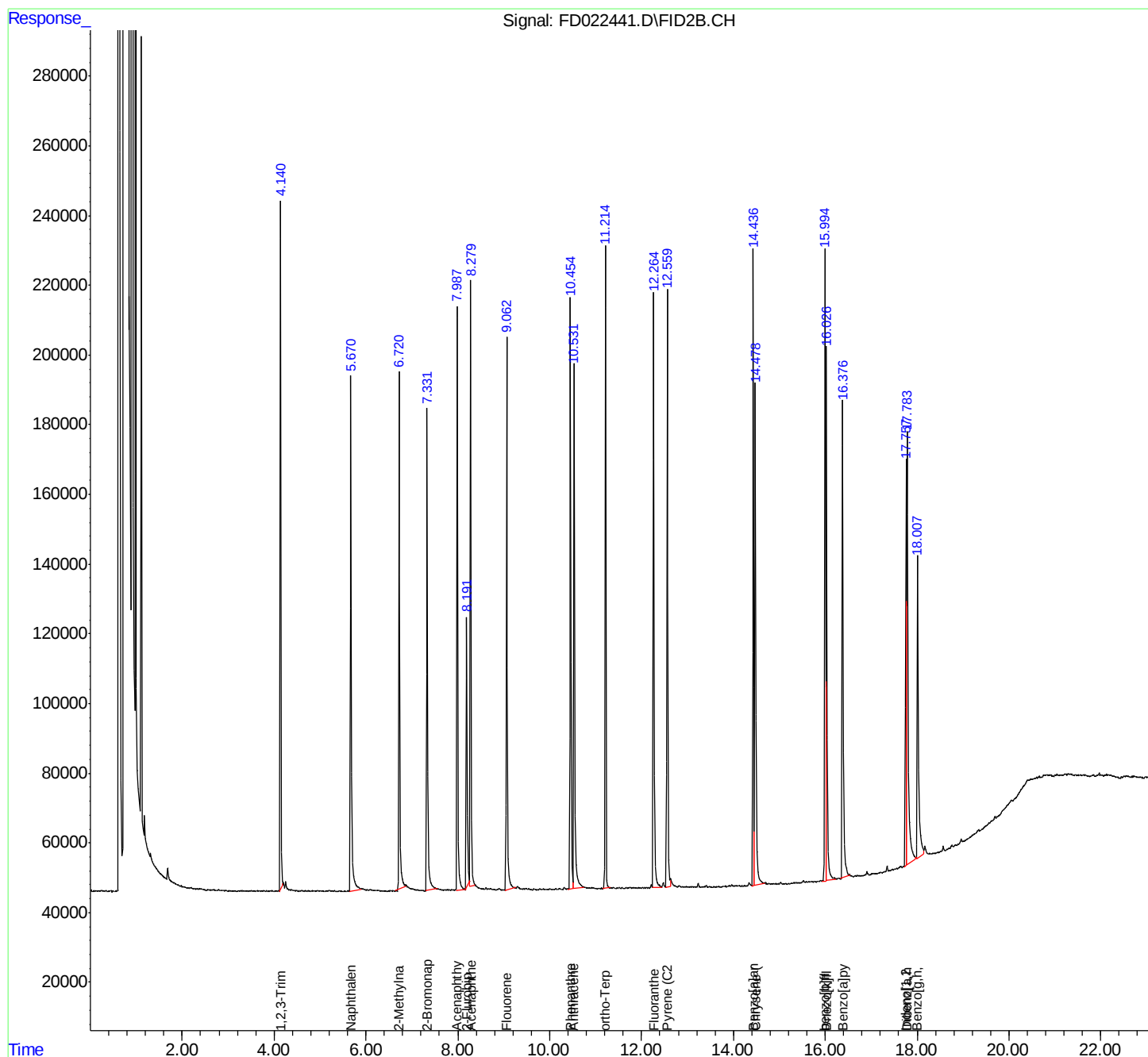
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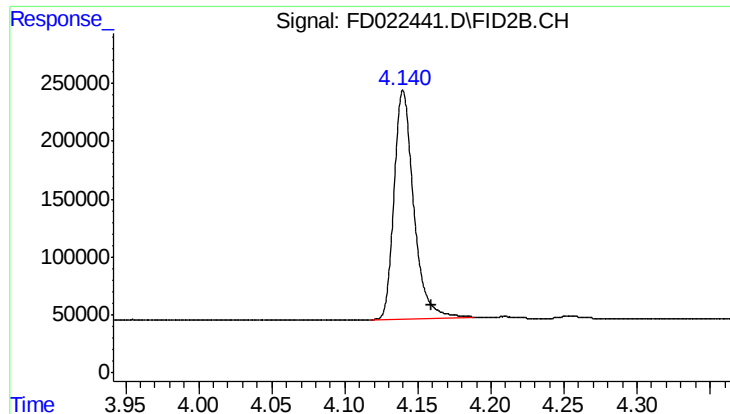
(m)=manual int.

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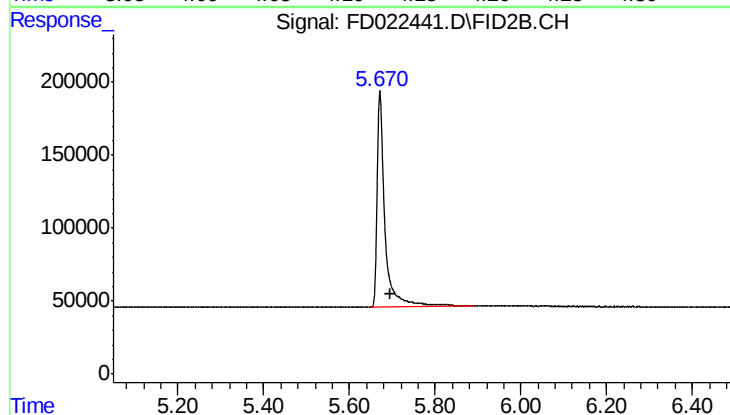
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Signal Info : 20M x 0.18mm x 0.18µm





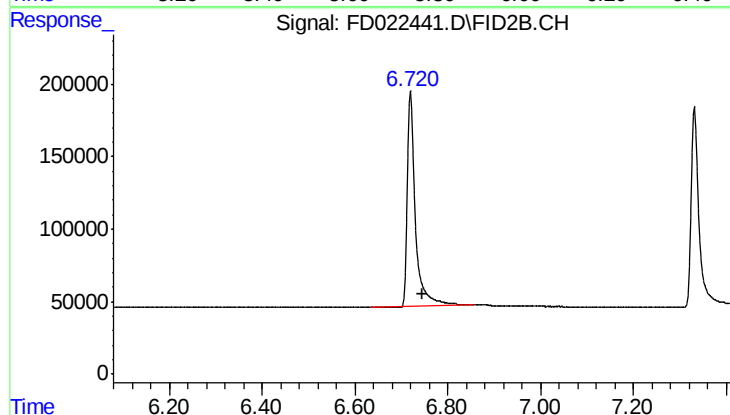
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.140 min
Delta R.T.: -0.020 min
Response: 1856928
Conc: 21.03 ug/ml m



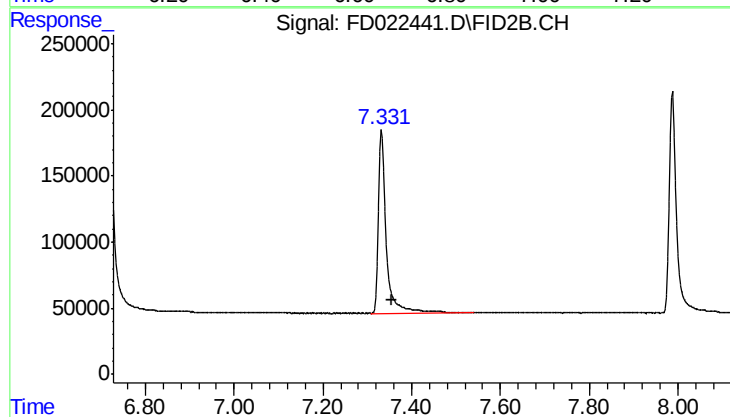
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.025 min
Response: 1871679
Conc: 20.92 ug/ml



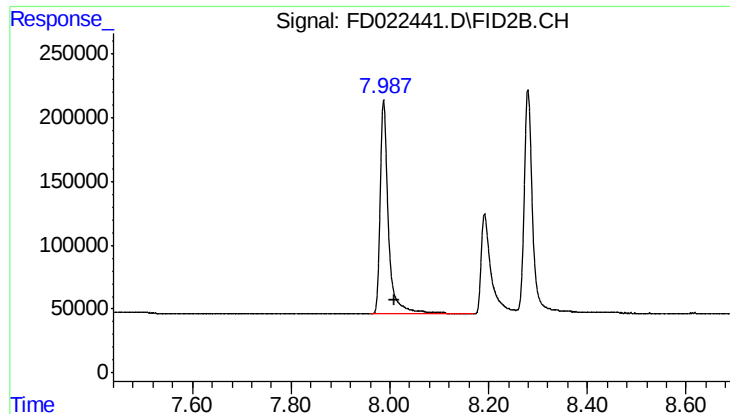
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.025 min
Response: 1803098
Conc: 19.85 ug/ml



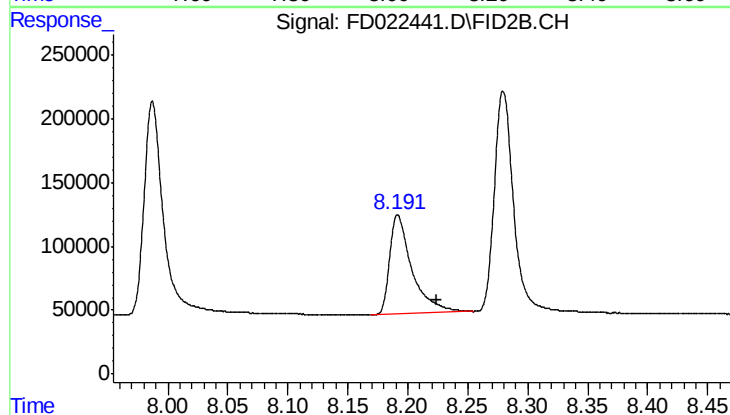
#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.023 min
Response: 1704908
Conc: 20.35 ug/ml



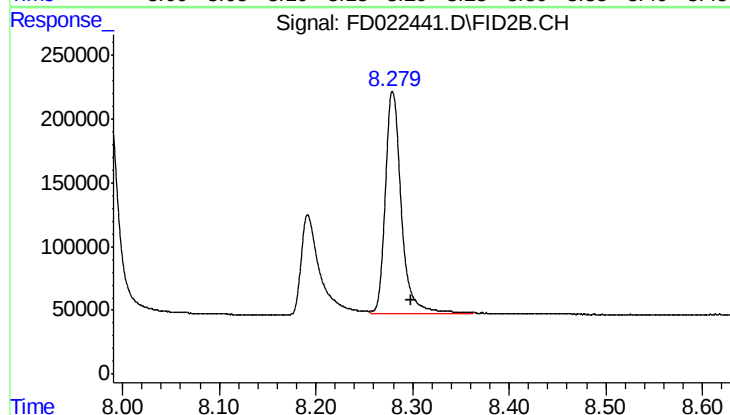
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: -0.022 min
Response: 1934750
Conc: 20.20 ug/ml



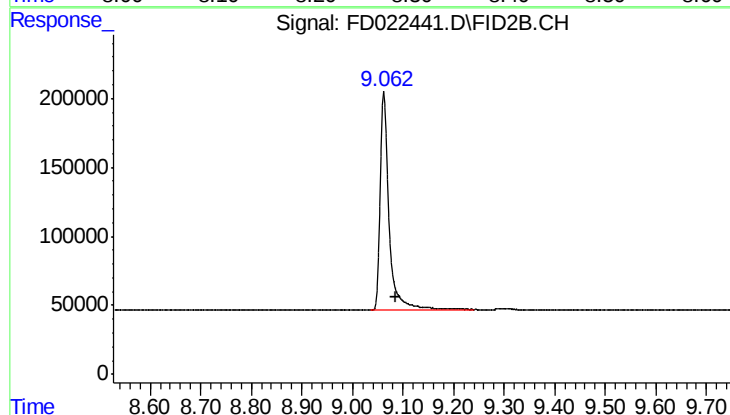
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.192 min
Delta R.T.: -0.033 min
Response: 1001934
Conc: 19.82 ug/ml



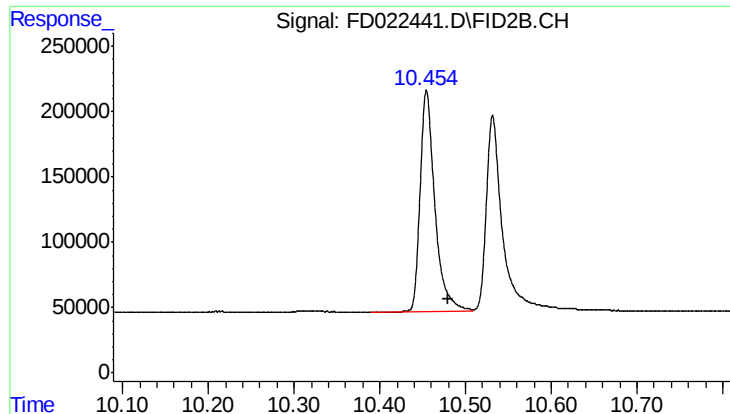
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.020 min
Response: 1974337
Conc: 19.27 ug/ml m



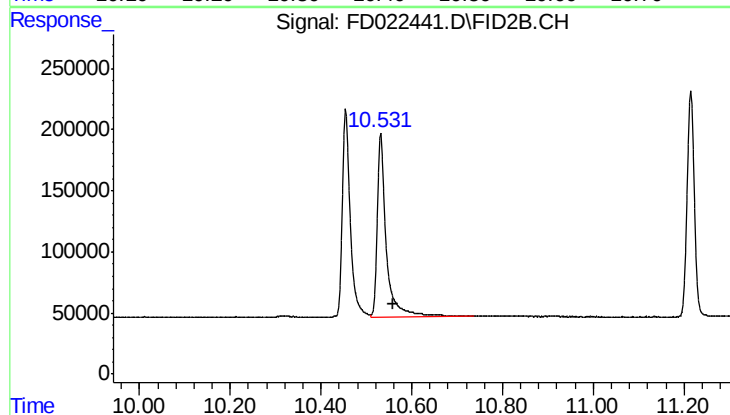
#8 Fluorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.024 min
Response: 1941327
Conc: 20.70 ug/ml



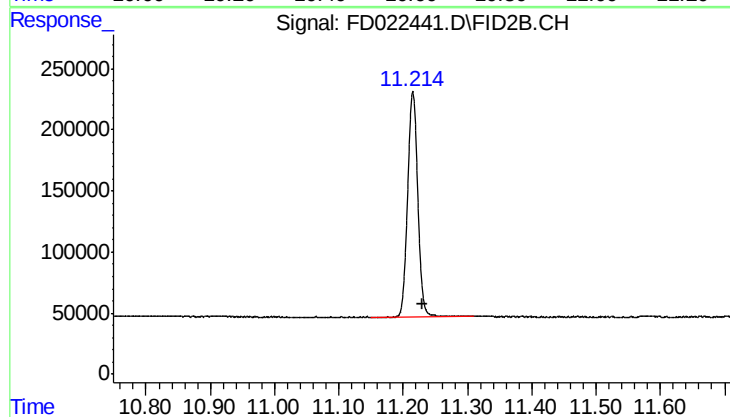
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: -0.025 min
Response: 2033605
Conc: 21.83 ug/ml



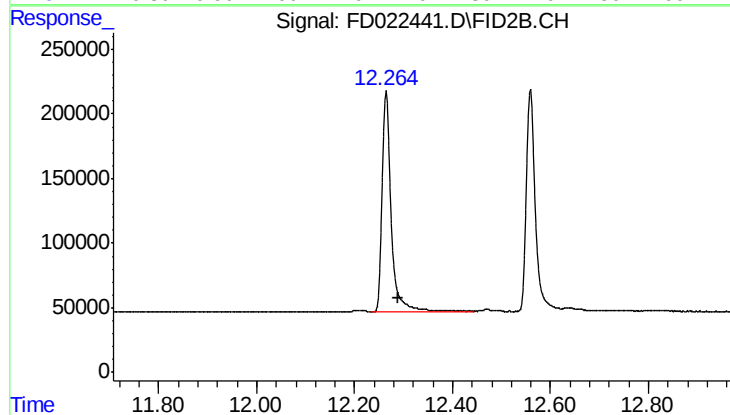
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.027 min
Response: 2049046
Conc: 21.61 ug/ml



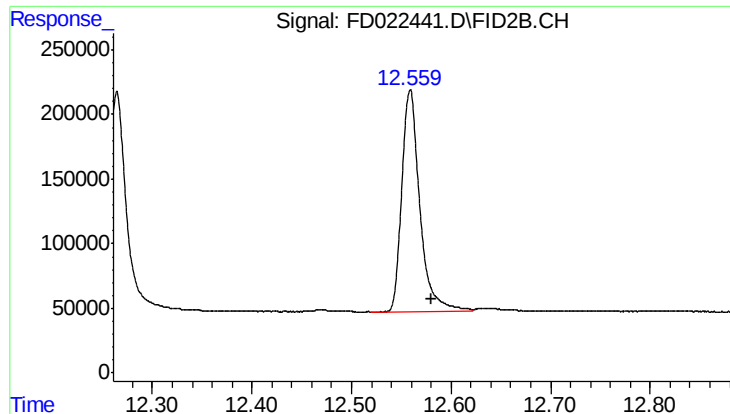
#11 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: -0.015 min
Response: 2032890
Conc: 21.42 ug/ml



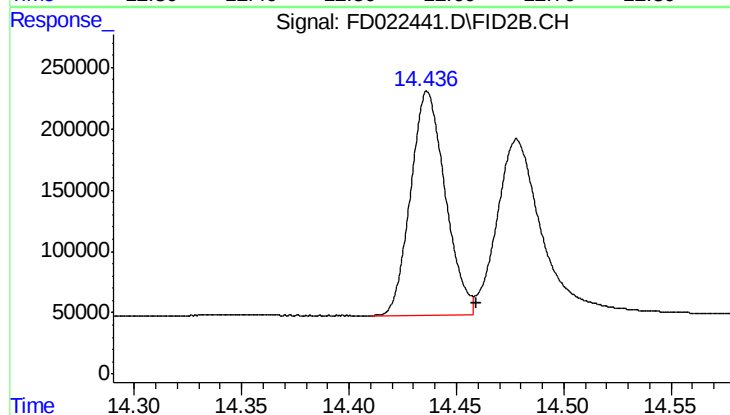
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: -0.023 min
Response: 2180350
Conc: 21.74 ug/ml



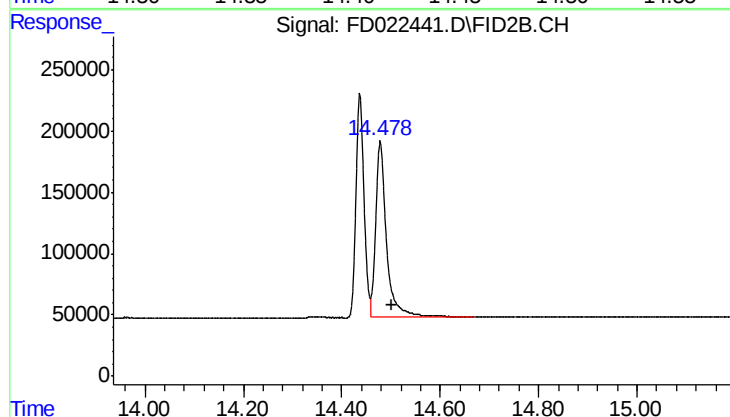
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.021 min
Response: 2176149
Conc: 21.42 ug/ml



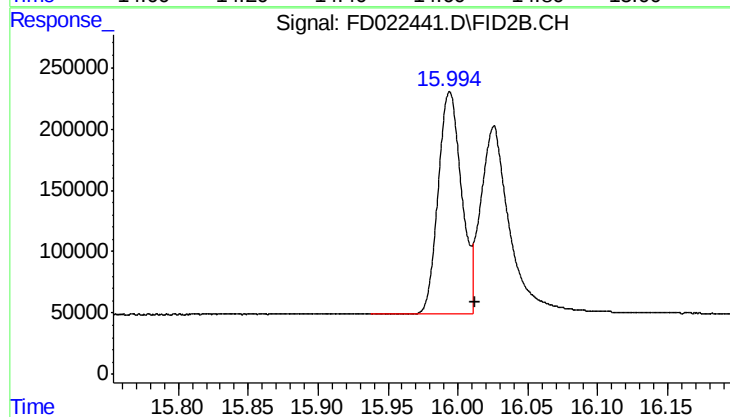
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: -0.023 min
Response: 2061661
Conc: 21.38 ug/ml m



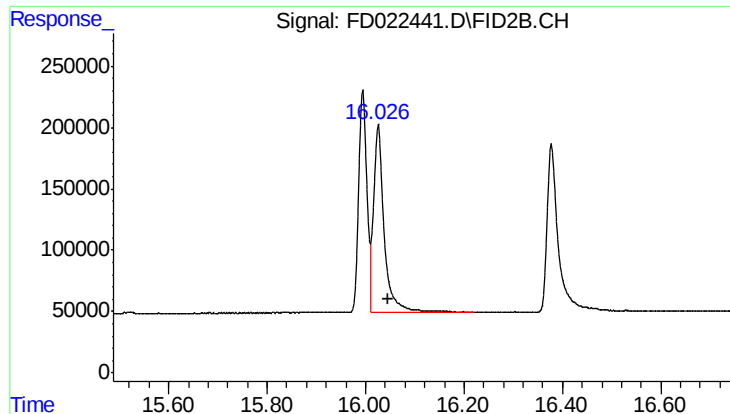
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: -0.022 min
Response: 2209114
Conc: 20.47 ug/ml



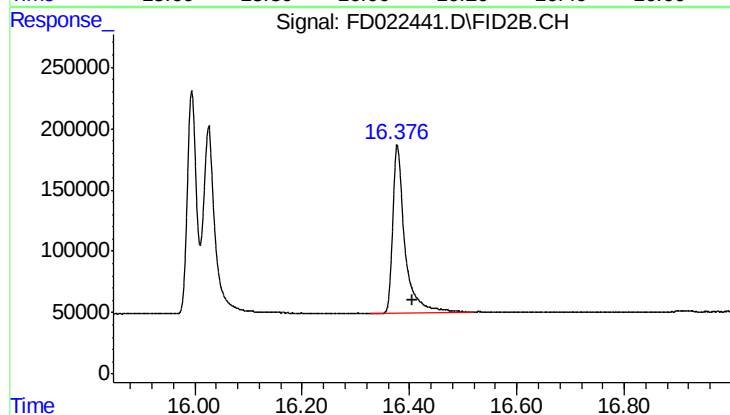
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.994 min
Delta R.T.: -0.019 min
Response: 2123728
Conc: 21.13 ug/ml m



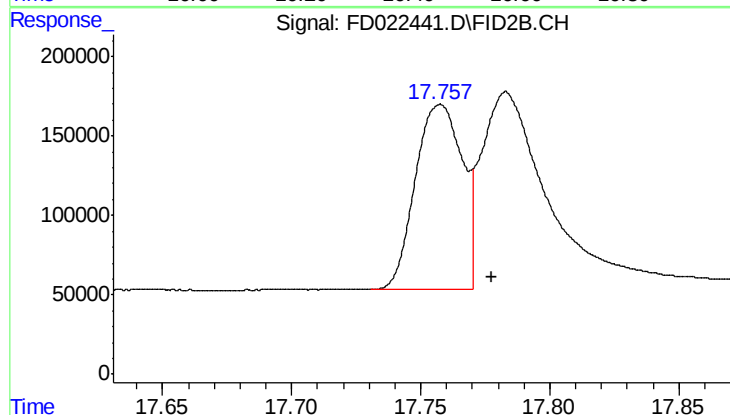
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.026 min
Delta R.T.: -0.020 min
Response: 2306503
Conc: 20.33 ug/ml



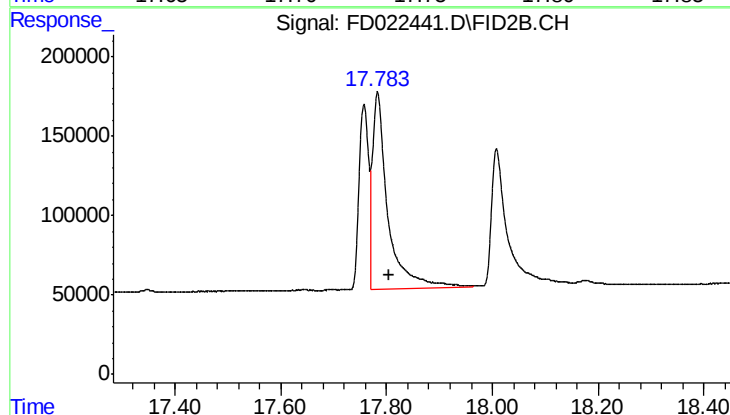
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.027 min
Response: 2116018
Conc: 20.14 ug/ml



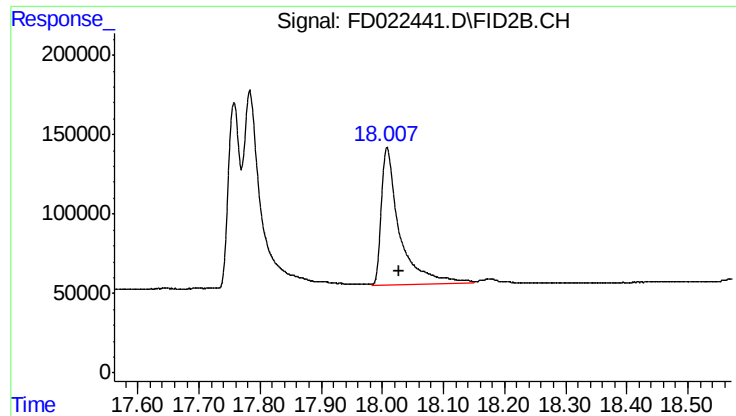
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: -0.020 min
Response: 1476934
Conc: 15.50 ug/ml m



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

R.T.: 17.783 min
Delta R.T.: -0.022 min
Response: 2524827
Conc: 22.22 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.020 min
Response: 1790784
Conc: 17.24 ug/ml