

Data Path : P:\HPCHEM1\FID D\Data\FD030818AR\
 Data File : FD022435.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2018 22:23
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 04:12:21 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	1627445	19.426 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
6) S 2-Fluorobiphenyl (SURR)	8.192	988168	19.545 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.09%
11) S ortho-Terphenyl (SURR)	11.215	2021095	21.297 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.140	1700479	19.256 ug/mlm
2) T Naphthalene (C11.7)	5.672	1748080	19.542 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	1726665	19.012 ug/ml
5) T Acenaphthylene (C15.06)	7.988	1899026	19.829 ug/ml
7) T Acenaphthene (C15.5)	8.279	2018283	19.702 ug/mlm
8) T Fluorene (C16.55)	9.062	1935581	20.643 ug/ml
9) T Phenanthrene (C19.36)	10.455	2017308	21.652 ug/ml
10) T Anthracene (C19.43)	10.531	2041459	21.528 ug/ml
12) T Fluoranthene (C21.85)	12.265	2143556	21.370 ug/ml
13) T Pyrene (C20.8)	12.559	2138384	21.048 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.438	2022658	20.975 ug/mlm
15) T Chrysene (C27.41)	14.478	2173078	20.134 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.995	2098535	20.875 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.025	2257066	19.890 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.377	2076449	19.758 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.756	1388782	14.577 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.783	2466473	21.705 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.007	1763463	16.979 ug/ml

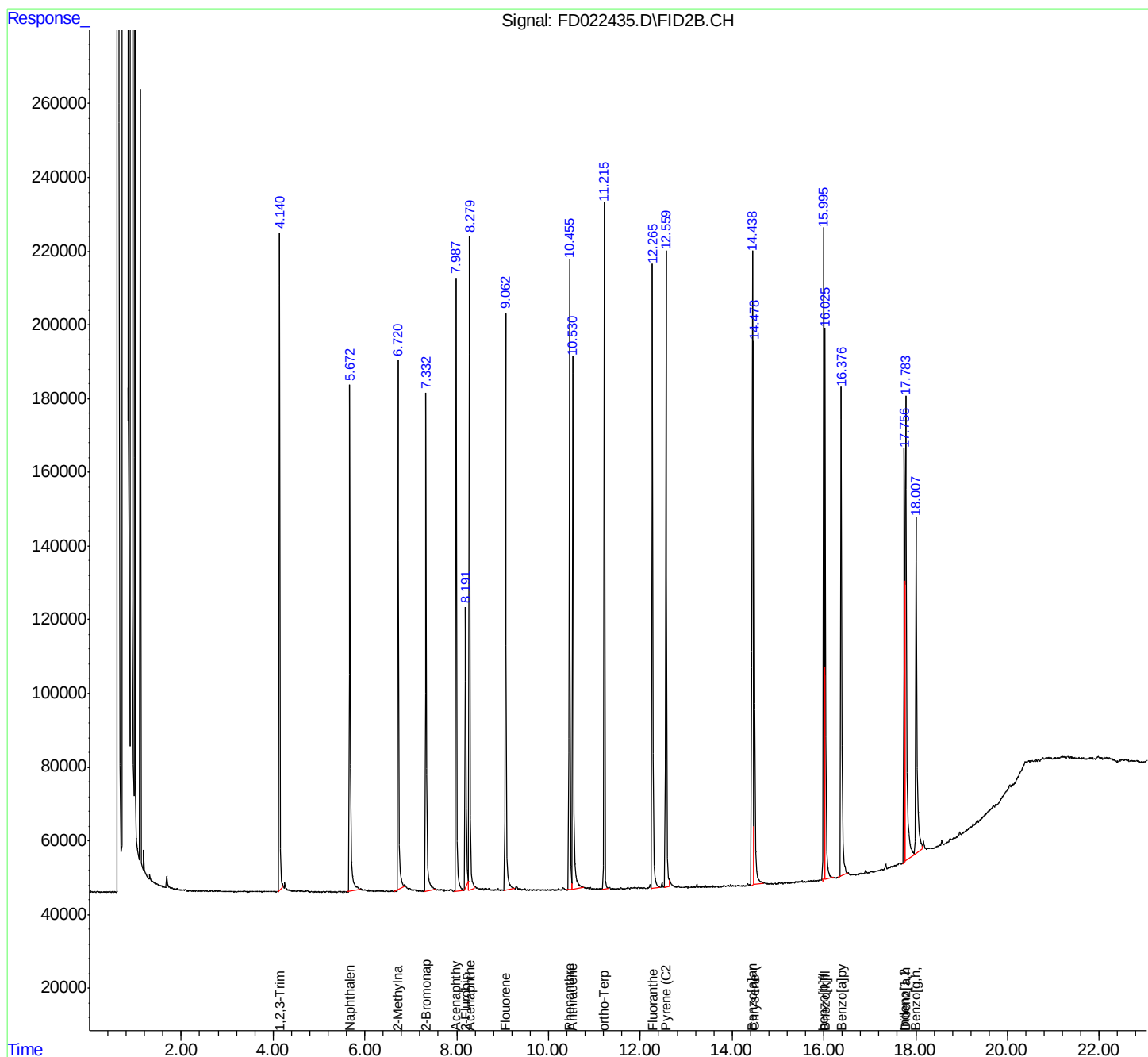
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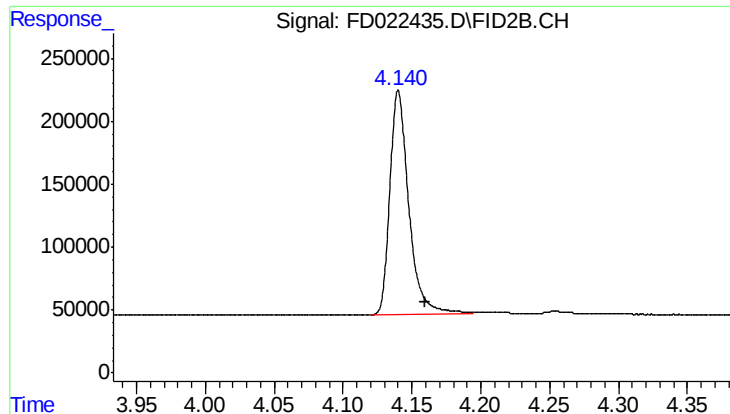
(m)=manual int.

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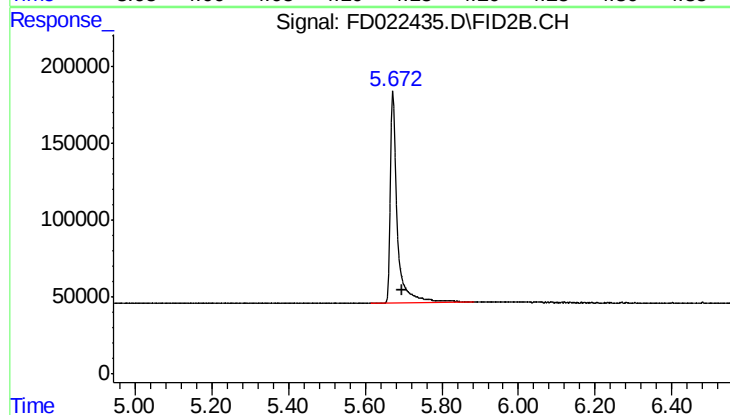
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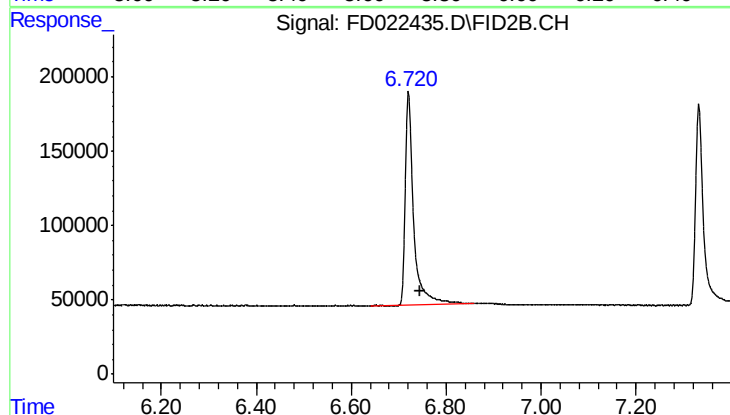
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.140 min
Delta R.T.: -0.020 min
Response: 1700479
Conc: 19.26 ug/ml m



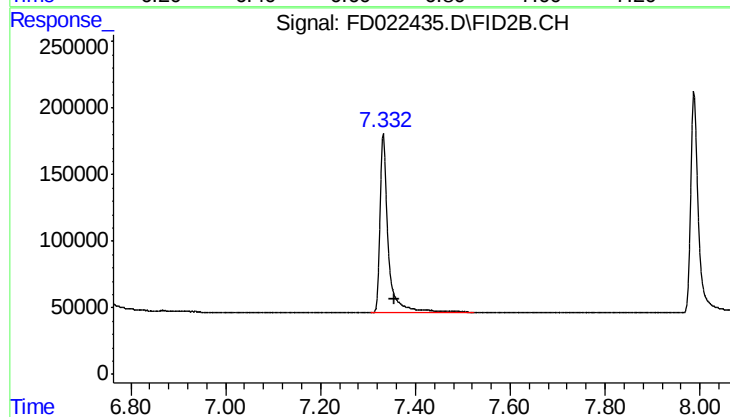
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.024 min
Response: 1748080
Conc: 19.54 ug/ml



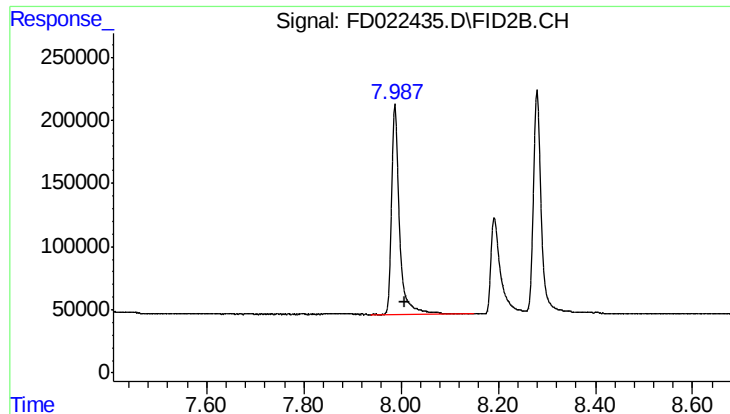
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.025 min
Response: 1726665
Conc: 19.01 ug/ml



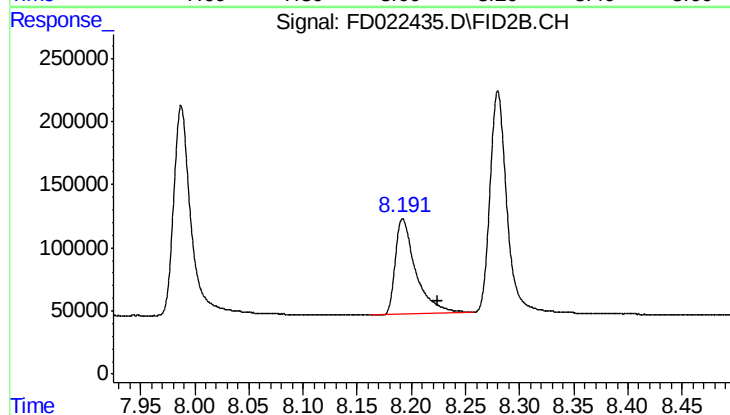
#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.023 min
Response: 1627445
Conc: 19.43 ug/ml



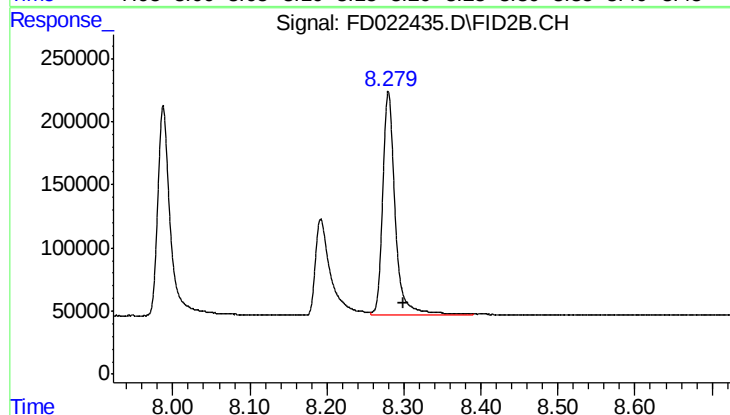
#5 Acenaphthylene (C15.06)

R.T.: 7.988 min
Delta R.T.: -0.021 min
Response: 1899026
Conc: 19.83 ug/ml



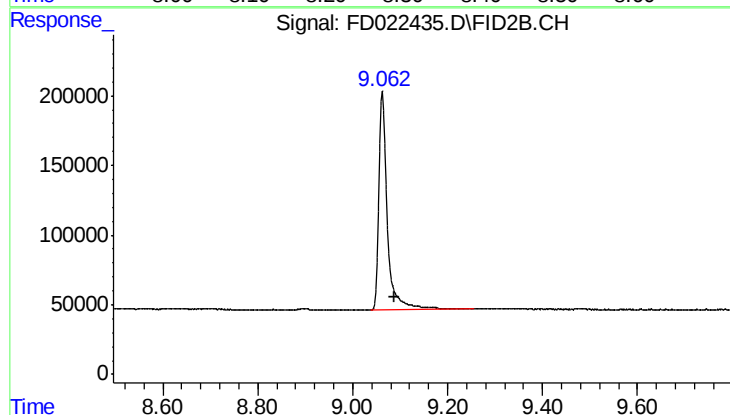
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.192 min
Delta R.T.: -0.032 min
Response: 988168
Conc: 19.55 ug/ml



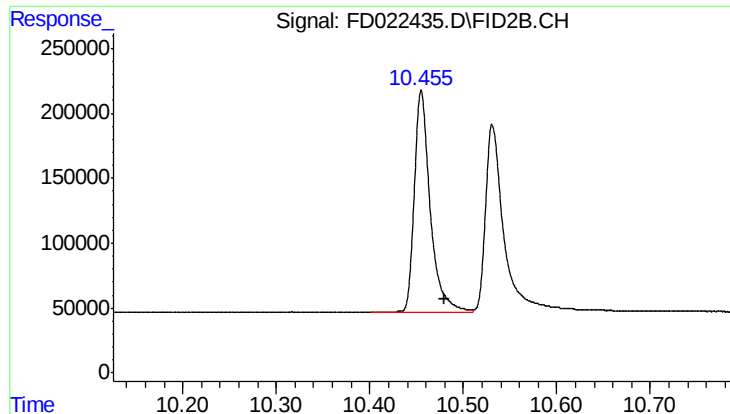
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.019 min
Response: 2018283
Conc: 19.70 ug/ml m



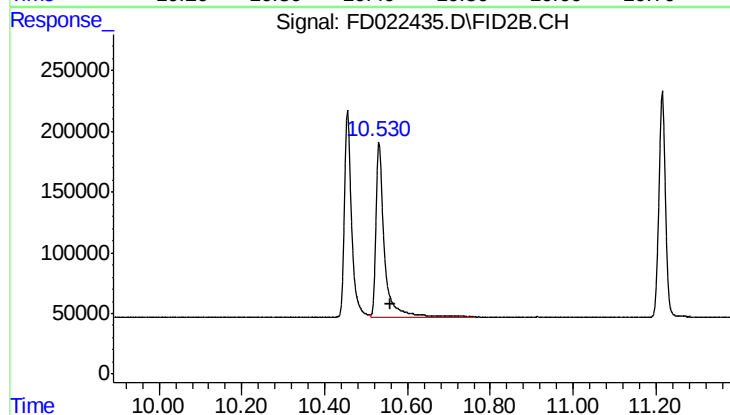
#8 Fluorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.024 min
Response: 1935581
Conc: 20.64 ug/ml



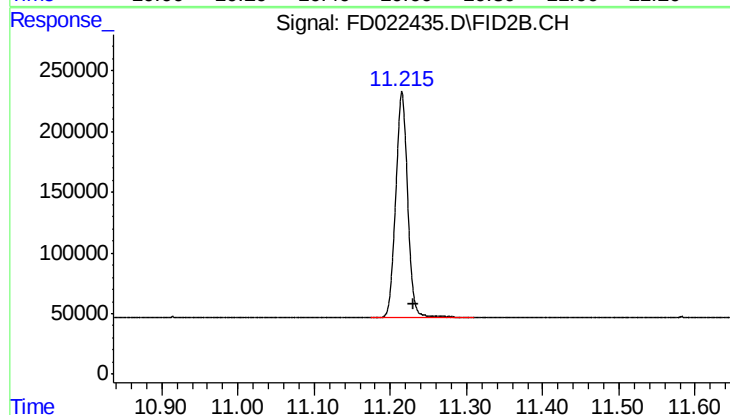
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: -0.025 min
Response: 2017308
Conc: 21.65 ug/ml



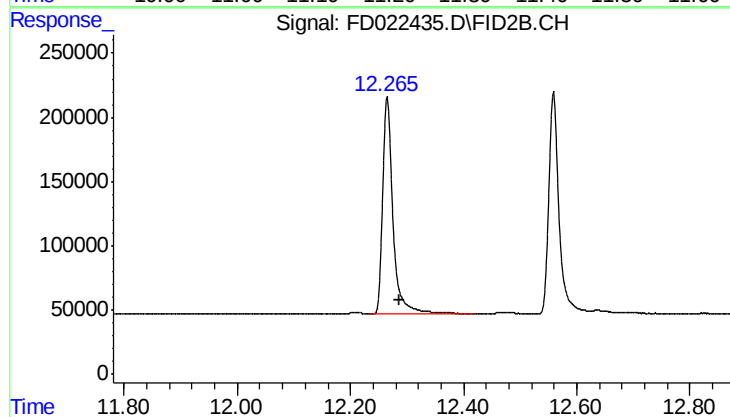
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.028 min
Response: 2041459
Conc: 21.53 ug/ml



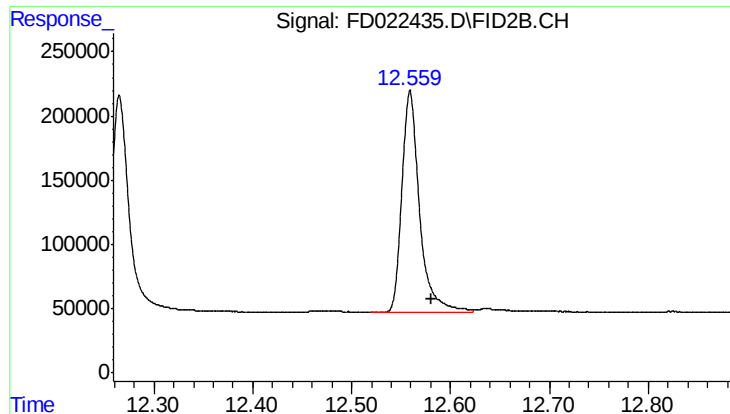
#11 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: -0.015 min
Response: 2021095
Conc: 21.30 ug/ml



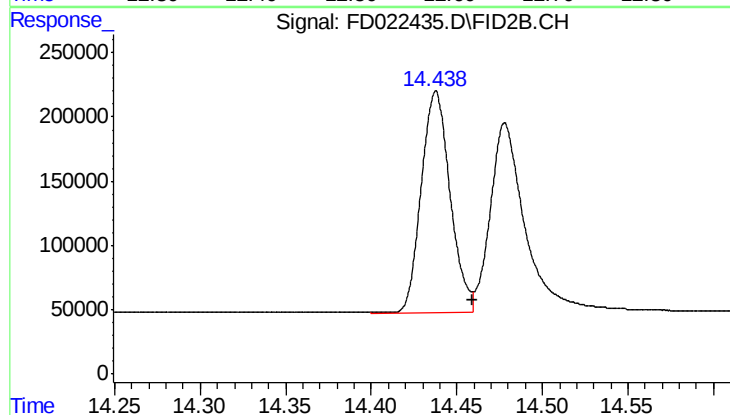
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: -0.023 min
Response: 2143556
Conc: 21.37 ug/ml



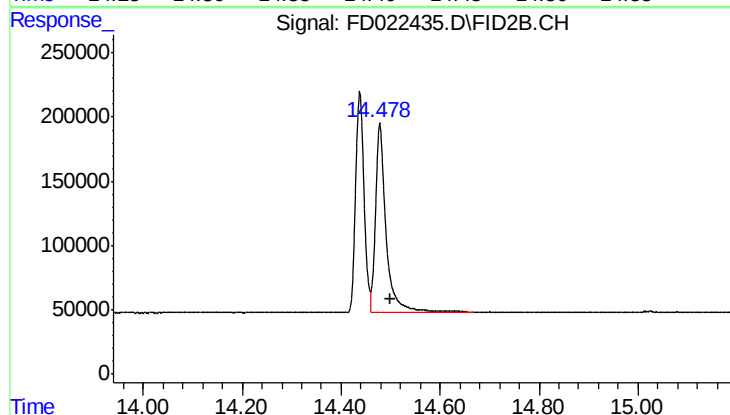
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.021 min
Response: 2138384
Conc: 21.05 ug/ml



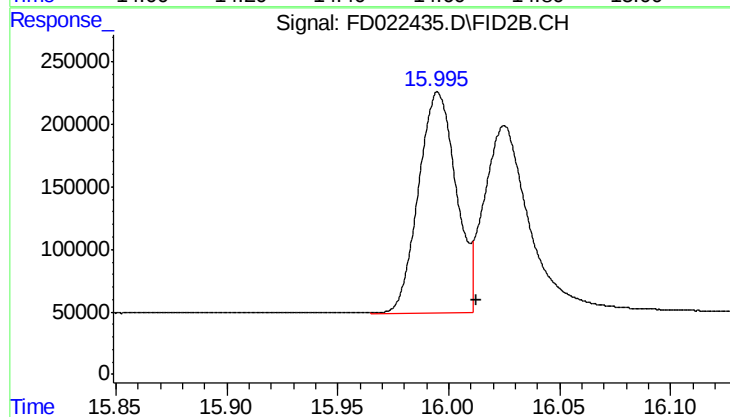
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.438 min
Delta R.T.: -0.022 min
Response: 2022658
Conc: 20.98 ug/ml m



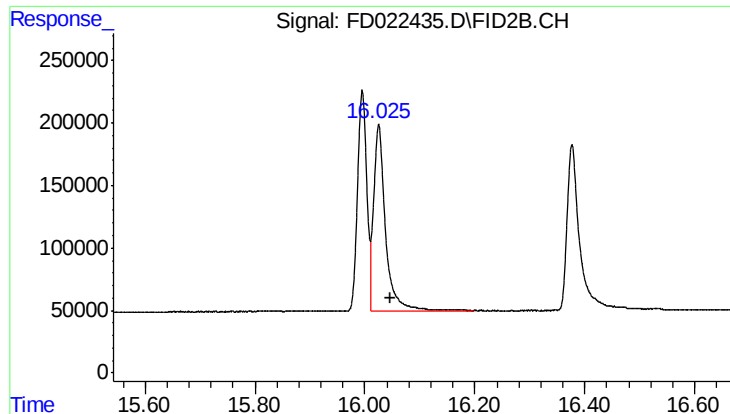
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: -0.022 min
Response: 2173078
Conc: 20.13 ug/ml



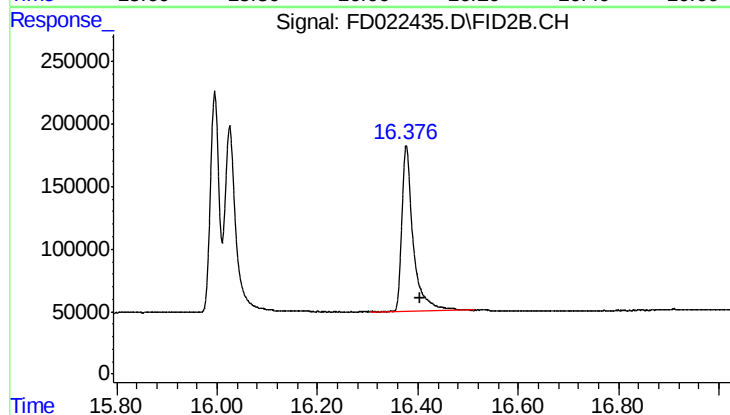
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.995 min
Delta R.T.: -0.018 min
Response: 2098535
Conc: 20.87 ug/ml m



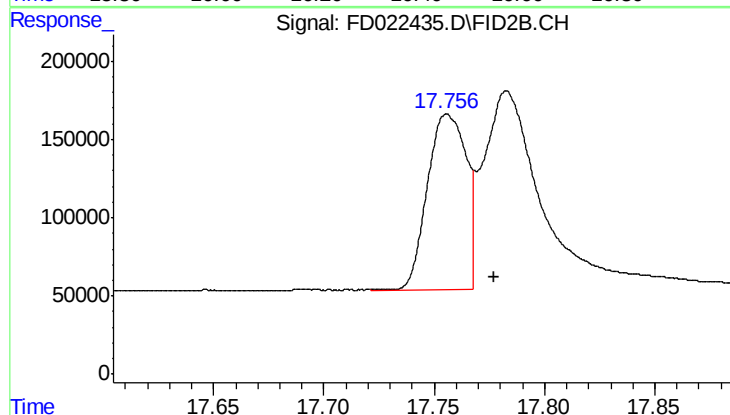
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.025 min
Delta R.T.: -0.021 min
Response: 2257066
Conc: 19.89 ug/ml



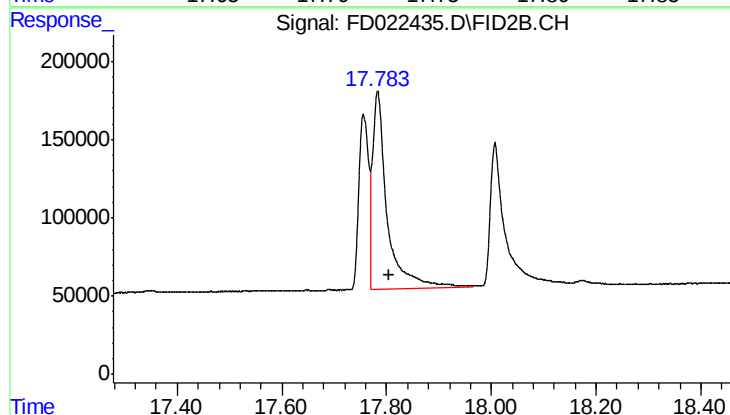
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.027 min
Response: 2076449
Conc: 19.76 ug/ml



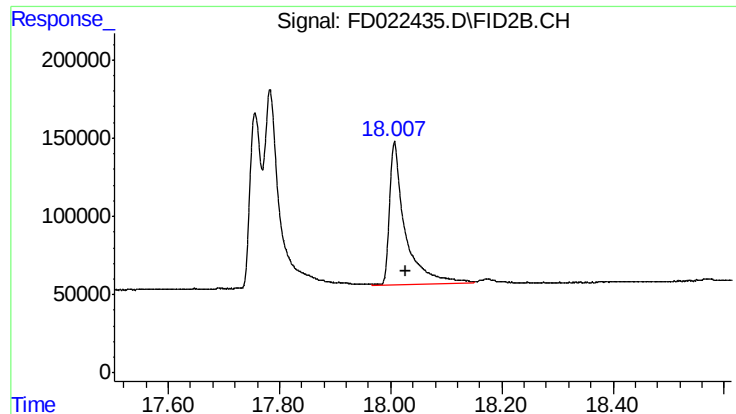
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: -0.022 min
Response: 1388782
Conc: 14.58 ug/ml m



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

R.T.: 17.783 min
Delta R.T.: -0.022 min
Response: 2466473
Conc: 21.70 ug/ml



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

R.T.: 18.007 min
Delta R.T.: -0.021 min
Response: 1763463
Conc: 16.98 ug/ml