

Data Path : P:\HPCHEM1\FID D\Data\FD040918AR\
 Data File : FD022897.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2018 17:23
 Operator : UA/AJ
 Sample : AROMATIC SILCA GEL CHECK
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 05:10:10 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.304	5507376	63.666 ug/ml
Spiked Amount 50.000		Recovery =	127.33%
6) S 2-Fluorobiphenyl (SURR)	8.162	3751812	71.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	142.05%#
11) S ortho-Terphenyl (SURR)	11.188	6598066	62.074 ug/ml
Spiked Amount 50.000		Recovery =	124.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.112	5606494	57.564 ug/ml
2) T Naphthalene (C11.7)	5.642	5895583	63.487 ug/ml
3) T 2-Methylnaphthalene (...)	6.692	6004631	65.323 ug/ml
5) T Acenaphthylene (C15.06)	7.960	6334183	62.811 ug/ml
7) T Acenaphthene (C15.5)	8.254	6655377	60.562 ug/ml
8) T Fluorene (C16.55)	9.035	6534192	64.879 ug/ml
9) T Phenanthrene (C19.36)	10.428	6777835	64.402 ug/ml
10) T Anthracene (C19.43)	10.505	6686680	62.317 ug/ml
12) T Fluoranthene (C21.85)	12.240	7079131	62.453 ug/ml
13) T Pyrene (C20.8)	12.534	7043566	62.767 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.456	6919383	67.002 ug/ml
15) T Chrysene (C27.41)	14.456	6919383	59.595 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.005	7305555	70.311 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.005	7305555	60.271 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.352	6154086	57.793 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.759	6675805	99.696 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.759	6675805	54.932 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.983	4511057	54.705 ug/ml

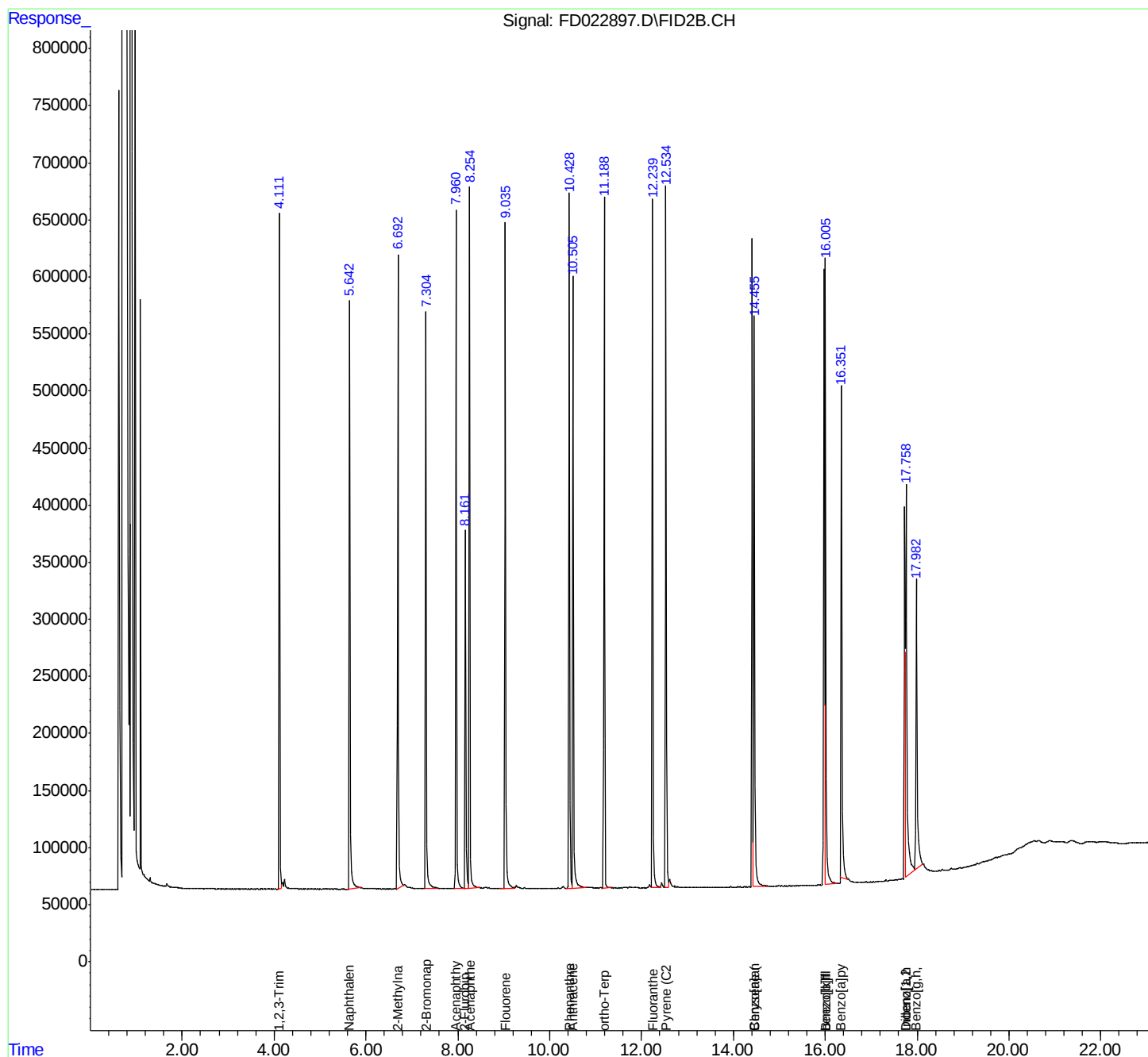
(f)=RT Delta > 1/2 Window

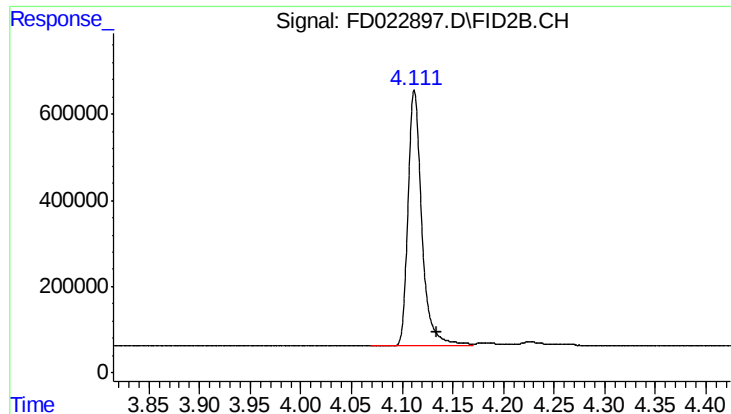
(m)=manual int.

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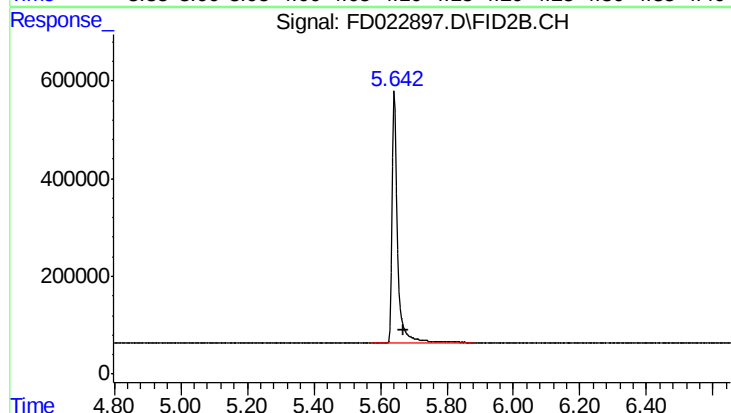
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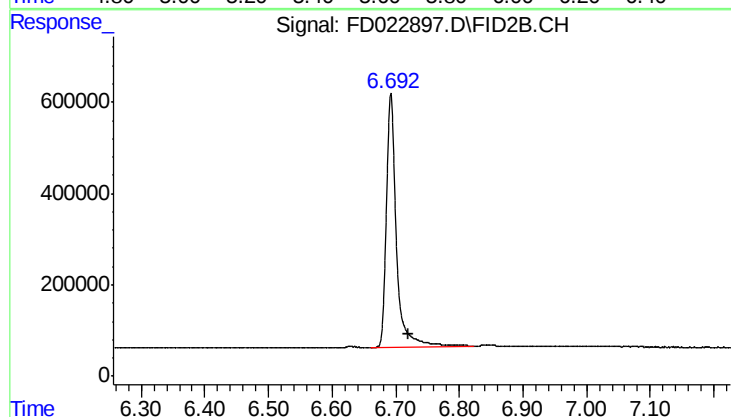
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.112 min
Delta R.T.: -0.022 min
Response: 5606494
Conc: 57.56 ug/ml



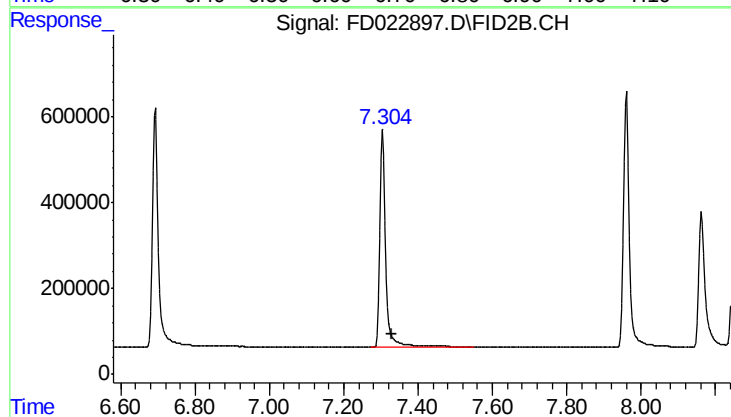
#2 Naphthalene (C11.7)

R.T.: 5.642 min
Delta R.T.: -0.029 min
Response: 5895583
Conc: 63.49 ug/ml



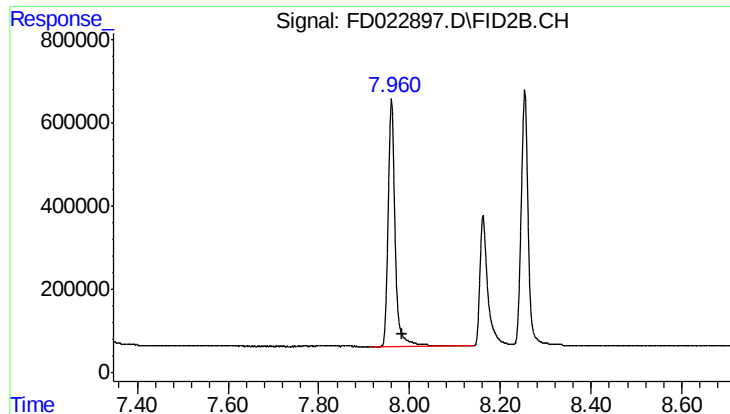
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.692 min
Delta R.T.: -0.028 min
Response: 6004631
Conc: 65.32 ug/ml



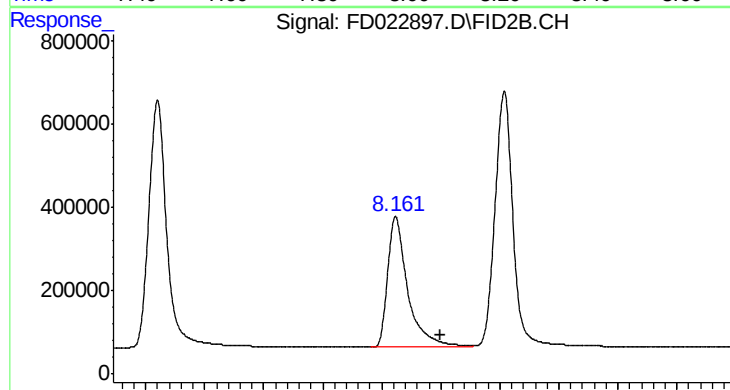
#4 2-Bromonaphthalene (SURR)

R.T.: 7.304 min
Delta R.T.: -0.025 min
Response: 5507376
Conc: 63.67 ug/ml



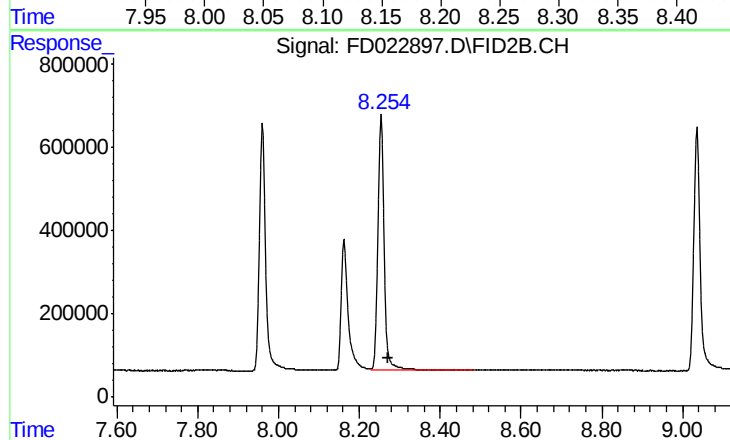
#5 Acenaphthylene (C15.06)

R.T.: 7.960 min
Delta R.T.: -0.022 min
Response: 6334183
Conc: 62.81 ug/ml



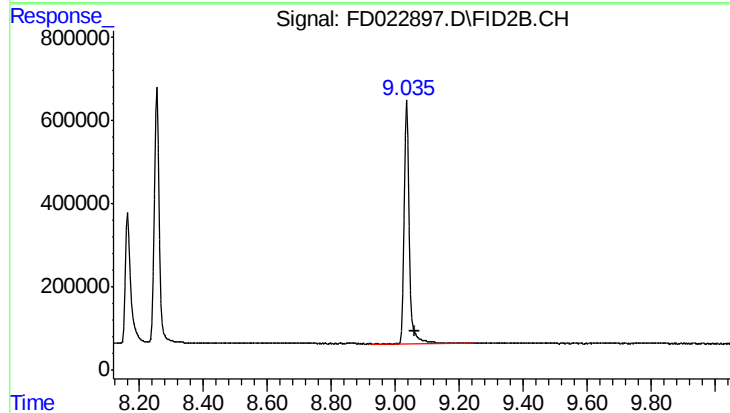
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.162 min
Delta R.T.: -0.037 min
Response: 3751812
Conc: 71.02 ug/ml



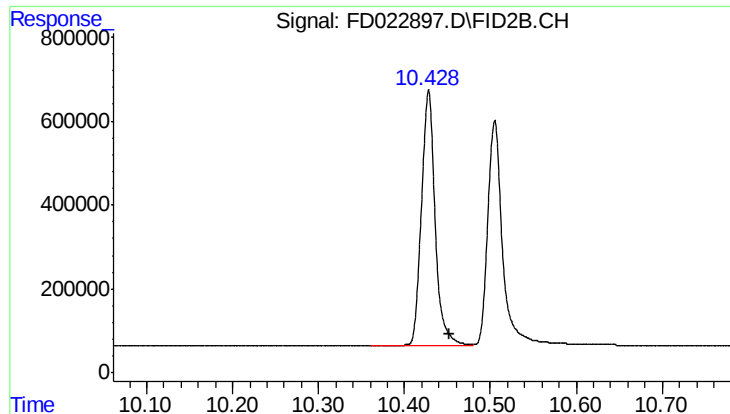
#7 Acenaphthene (C15.5)

R.T.: 8.254 min
Delta R.T.: -0.019 min
Response: 6655377
Conc: 60.56 ug/ml



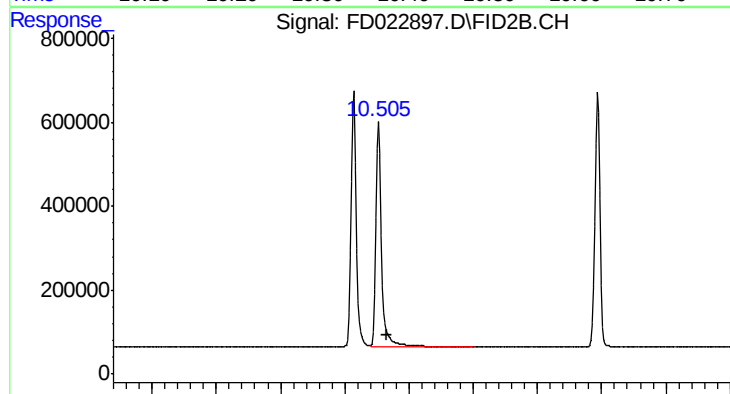
#8 Fluorene (C16.55)

R.T.: 9.035 min
Delta R.T.: -0.024 min
Response: 6534192
Conc: 64.88 ug/ml



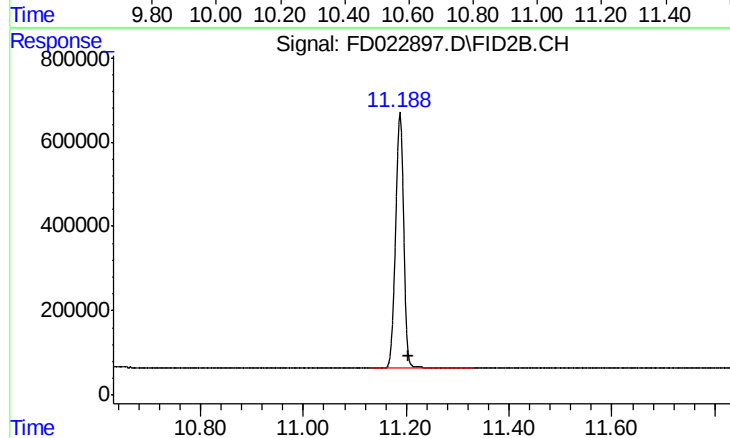
#9 Phenanthrene (C19.36)

R.T.: 10.428 min
Delta R.T.: -0.024 min
Response: 6777835
Conc: 64.40 ug/ml



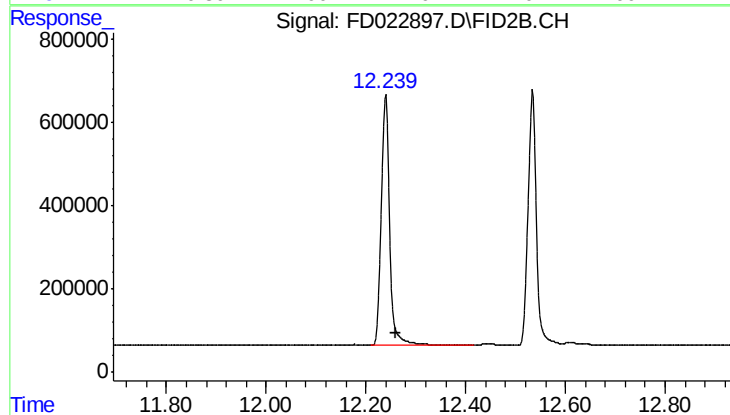
#10 Anthracene (C19.43)

R.T.: 10.505 min
Delta R.T.: -0.026 min
Response: 6686680
Conc: 62.32 ug/ml



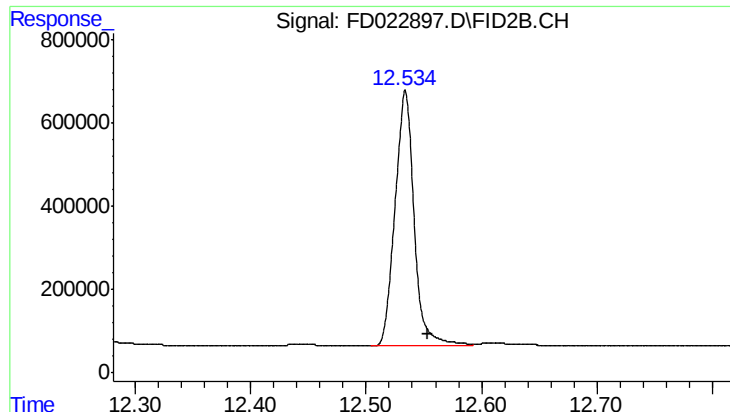
#11 ortho-Terphenyl (SURRE)

R.T.: 11.188 min
Delta R.T.: -0.016 min
Response: 6598066
Conc: 62.07 ug/ml



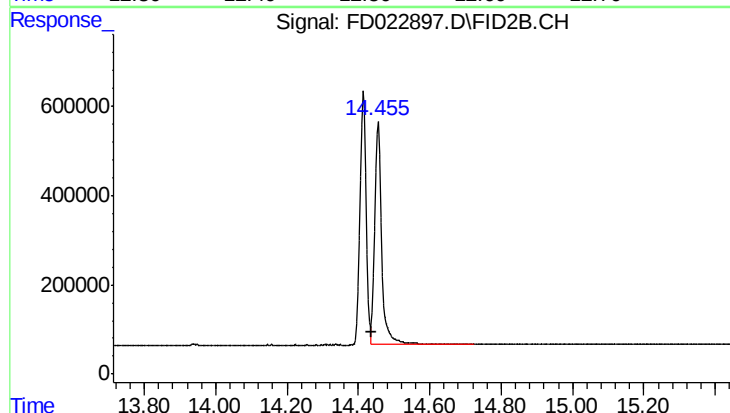
#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.021 min
Response: 7079131
Conc: 62.45 ug/ml



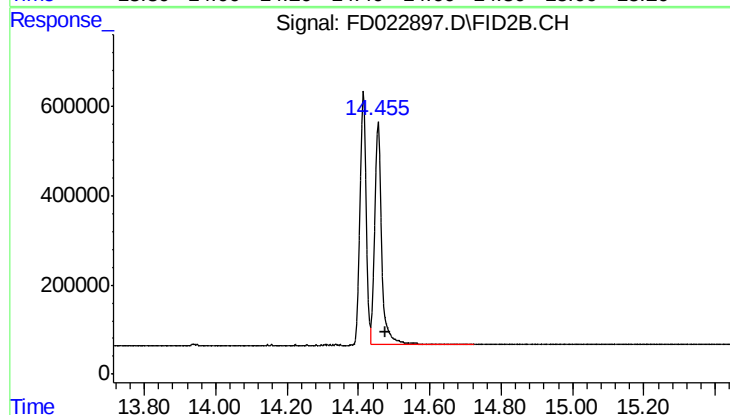
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.019 min
Response: 7043566
Conc: 62.77 ug/ml



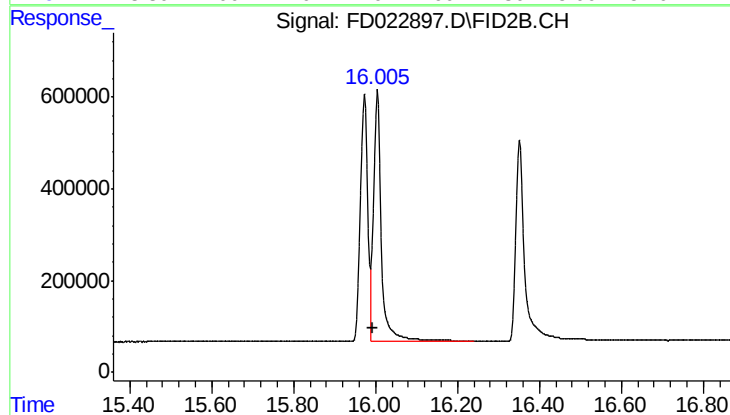
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.020 min
Response: 6919383
Conc: 67.00 ug/ml



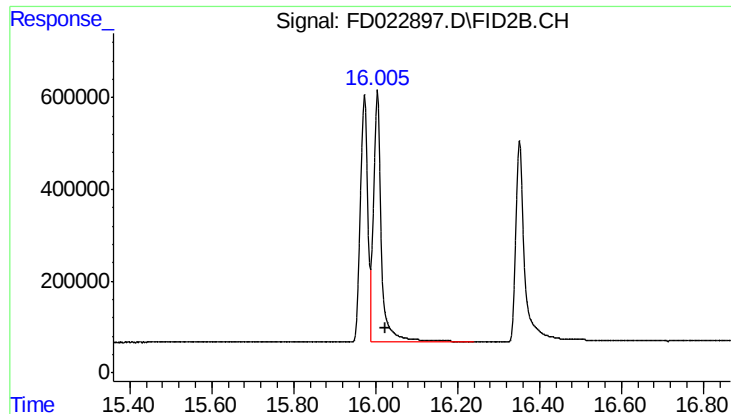
#15 Chrysene (C27.41)

R.T.: 14.456 min
Delta R.T.: -0.022 min
Response: 6919383
Conc: 59.60 ug/ml



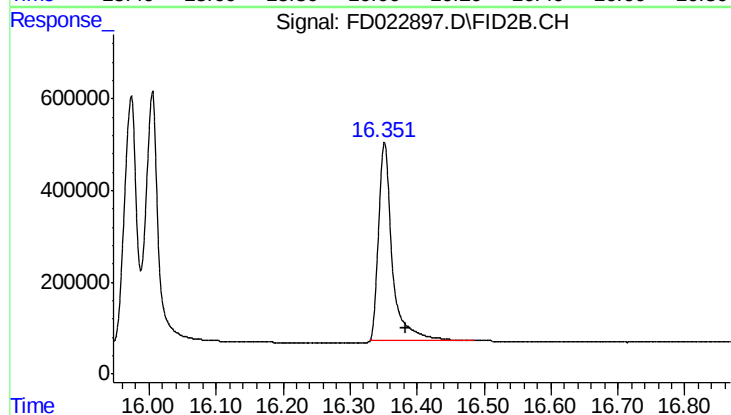
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min
Delta R.T.: 0.013 min
Response: 7305555
Conc: 70.31 ug/ml



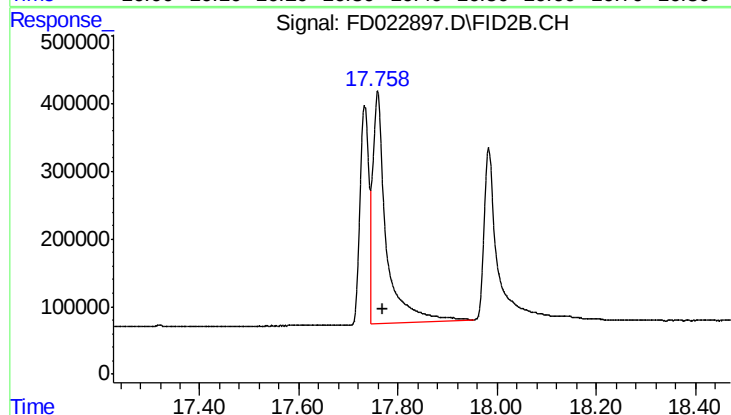
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.018 min
Response: 7305555
Conc: 60.27 ug/ml



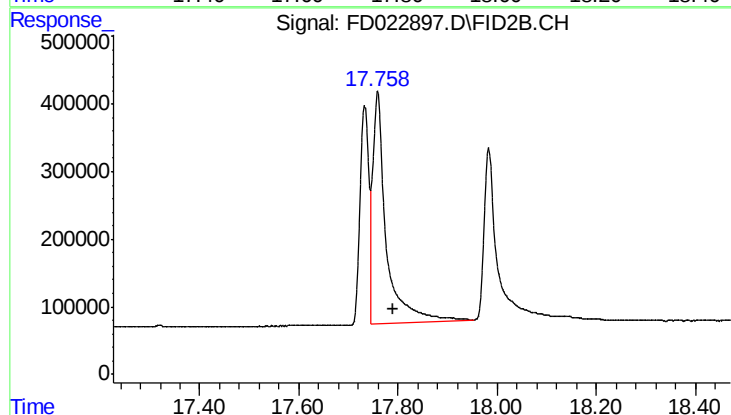
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min
Delta R.T.: -0.031 min
Response: 6154086
Conc: 57.79 ug/ml



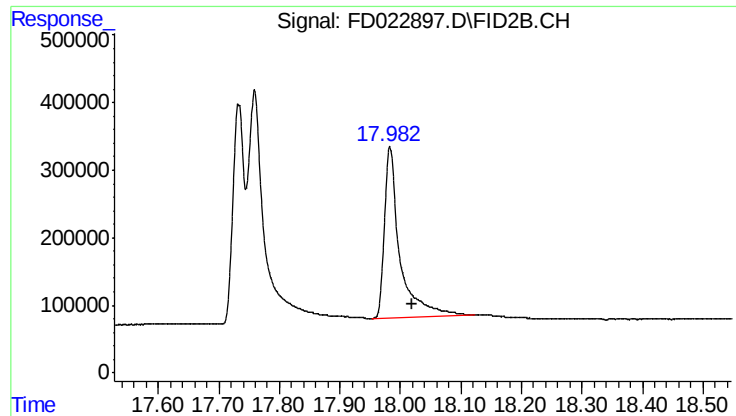
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: -0.010 min
Response: 6675805
Conc: 99.70 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.030 min
Response: 6675805
Conc: 54.93 ug/ml



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

R.T.: 17.983 min
Delta R.T.: -0.036 min
Response: 4511057
Conc: 54.70 ug/ml