

Data Path : P:\HPCHEM1\FID D\Data\FD042018AR\
 Data File : FD023148.D
 Signal(s) : FID2B.CH
 Acq On : 20 Apr 2018 6:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 07:54:03 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.294	2323766	17.135 ug/ml
Spiked Amount 50.000		Recovery =	34.27%
6) S 2-Fluorobiphenyl (SURR)	8.159	1244281	17.459 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.92%
11) S ortho-Terphenyl (SURR)	11.168	2416334	17.283 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.101	2490880	17.869 ug/ml
2) T Naphthalene (C11.7)	5.633	2442933	17.849 ug/ml
3) T 2-Methylnaphthalene (...)	6.683	2363257	17.313 ug/ml
5) T Acenaphthylene (C15.06)	7.947	2517550	17.225 ug/ml
7) T Acenaphthene (C15.5)	8.237	2787595	16.501 ug/ml
8) T Fluorene (C16.55)	9.023	2416743	16.877 ug/ml
9) T Phenanthrene (C19.36)	10.415	2315543	17.446 ug/ml
10) T Anthracene (C19.43)	10.496	2323230	16.604 ug/ml
12) T Fluoranthene (C21.85)	12.224	2410948	17.552 ug/ml
13) T Pyrene (C20.8)	12.516	2467164	17.478 ug/ml
14) T Benzo[alanthracene (C...	14.439	2712697	21.835 ug/ml
15) T Chrysene (C27.41)	14.439	2712697	17.522 ug/ml
16) T benzo[b]fluoranthene ...	15.984	2909216	21.581 ug/ml
17) T Bnezo[k]fluoranthene ...	15.984	2909216	17.631 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	2538573	17.609 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	2934852	22.616 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	2934852	17.643 ug/ml
21) T Benzo[a,h,i]pervlene ...	17.964	2561181	17.280 ug/ml

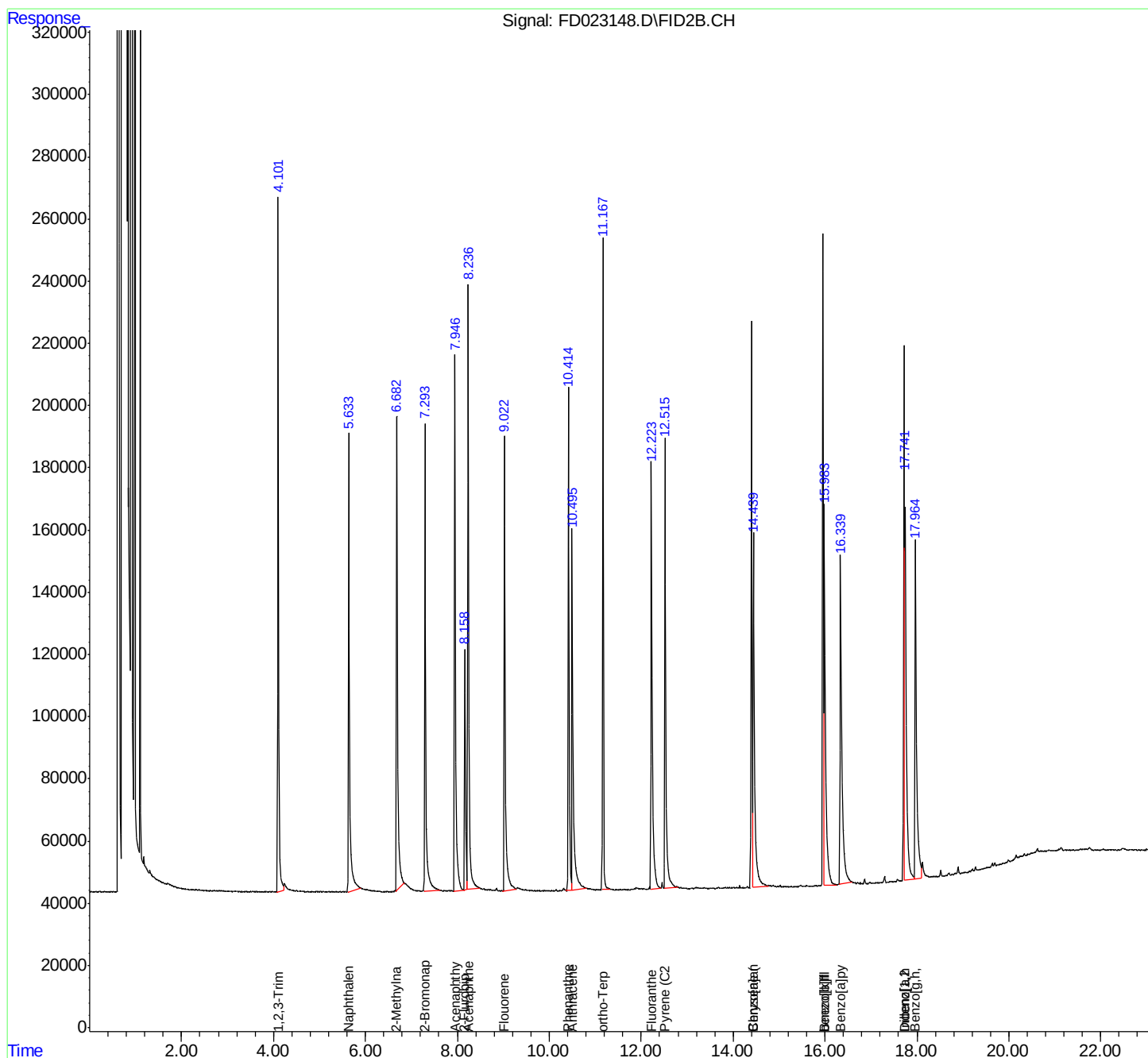
(f)=RT Delta > 1/2 Window

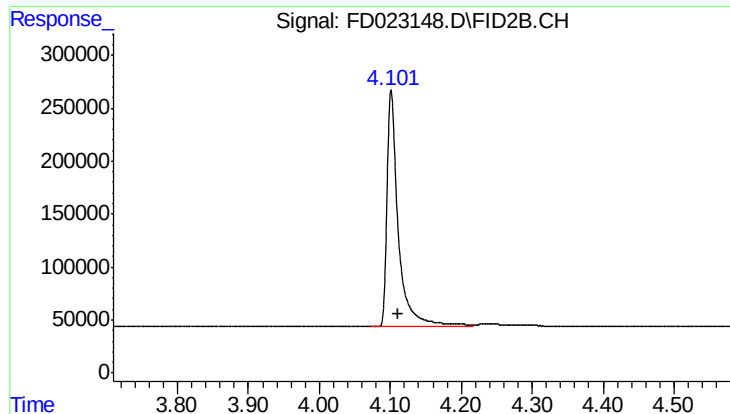
(m)=manual int.

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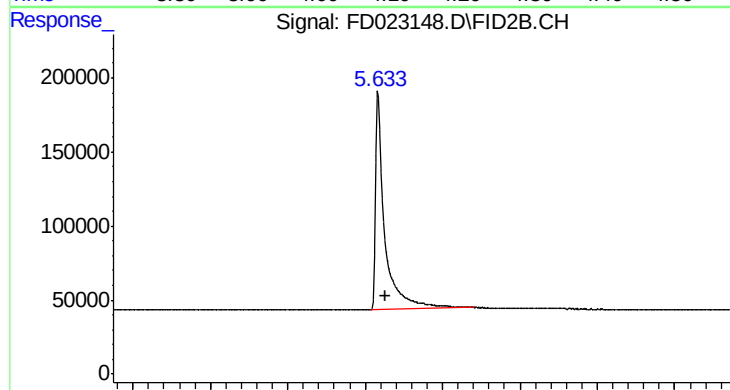
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Signal Info : 20M x 0.18mm x 0.18µm





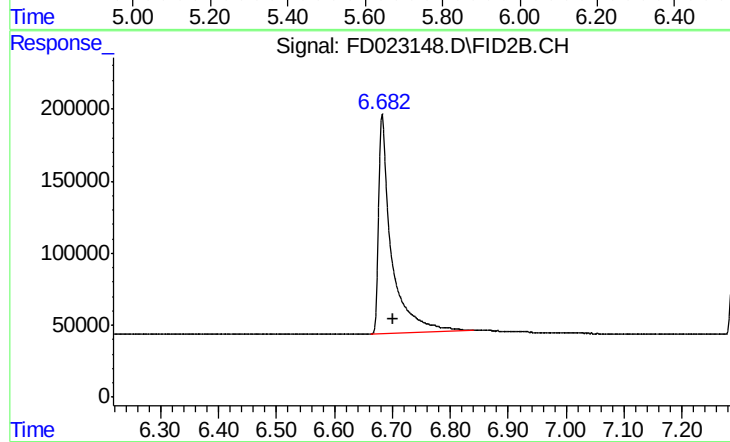
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.101 min
Delta R.T.: -0.009 min
Response: 2490880
Conc: 17.87 ug/ml



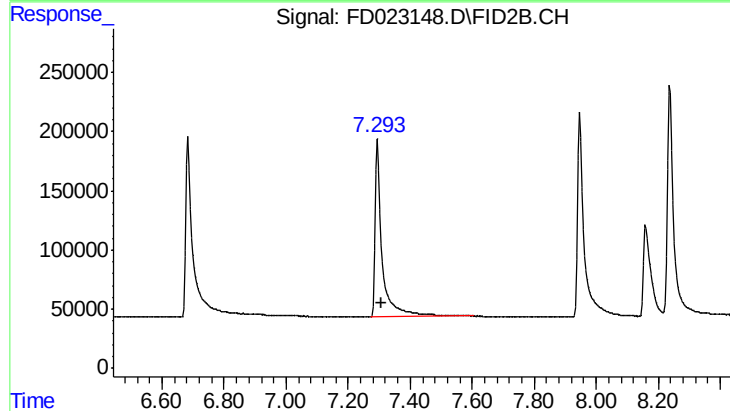
#2 Naphthalene (C11.7)

R.T.: 5.633 min
Delta R.T.: -0.020 min
Response: 2442933
Conc: 17.85 ug/ml



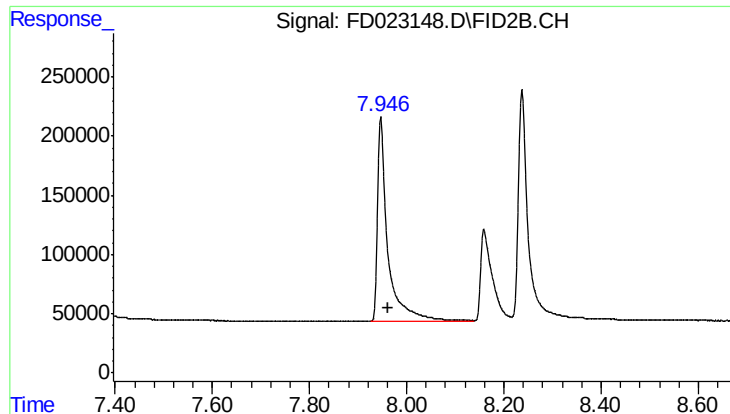
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.683 min
Delta R.T.: -0.020 min
Response: 2363257
Conc: 17.31 ug/ml



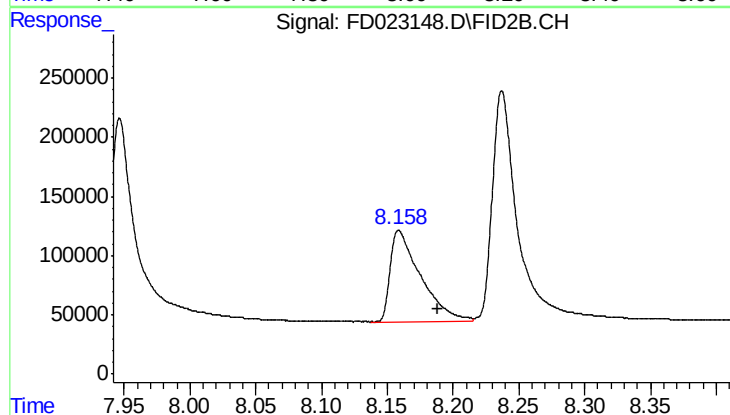
#4 2-Bromonaphthalene (SURR)

R.T.: 7.294 min
Delta R.T.: -0.016 min
Response: 2323766
Conc: 17.13 ug/ml



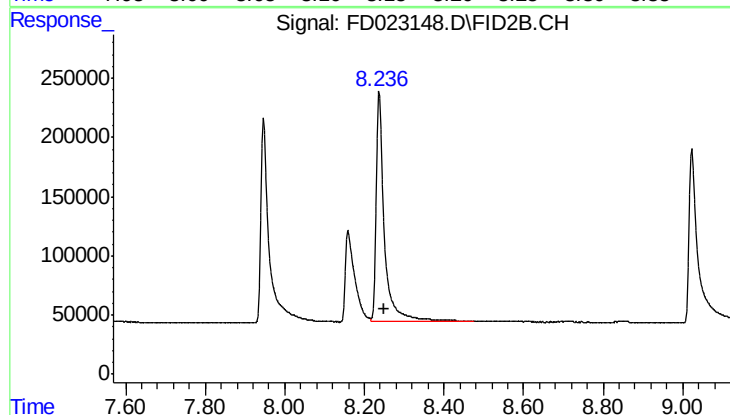
#5 Acenaphthylene (C15.06)

R.T.: 7.947 min
Delta R.T.: -0.016 min
Response: 2517550
Conc: 17.22 ug/ml



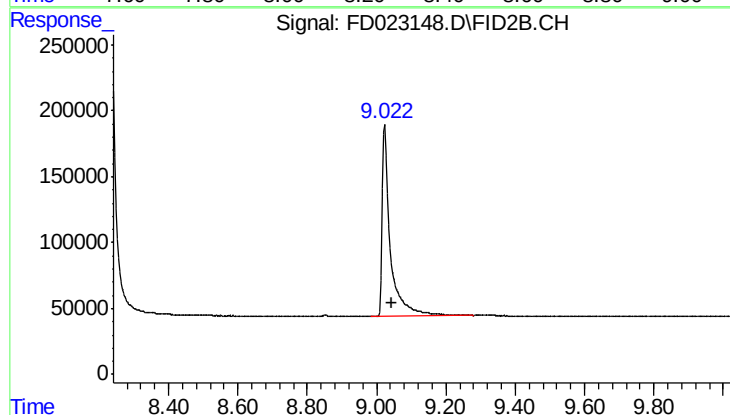
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.159 min
Delta R.T.: -0.029 min
Response: 1244281
Conc: 17.46 ug/ml



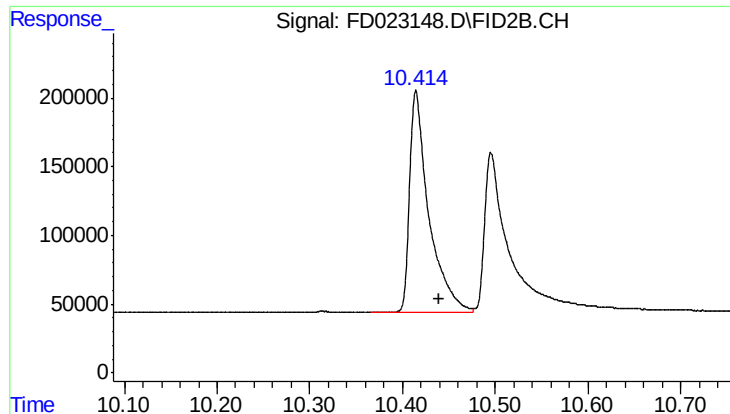
#7 Acenaphthene (C15.5)

R.T.: 8.237 min
Delta R.T.: -0.011 min
Response: 2787595
Conc: 16.50 ug/ml



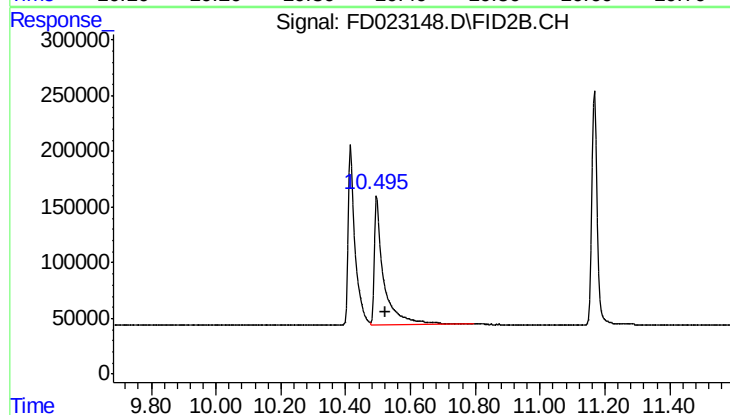
#8 Fluorene (C16.55)

R.T.: 9.023 min
Delta R.T.: -0.021 min
Response: 2416743
Conc: 16.88 ug/ml



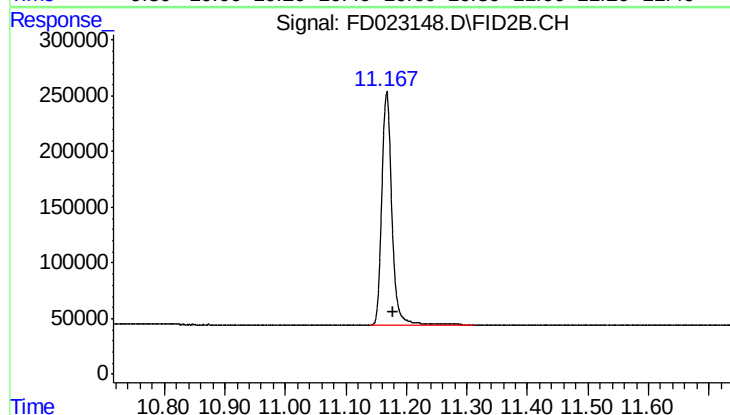
#9 Phenanthrene (C19.36)

R.T.: 10.415 min
Delta R.T.: -0.024 min
Response: 2315543
Conc: 17.45 ug/ml



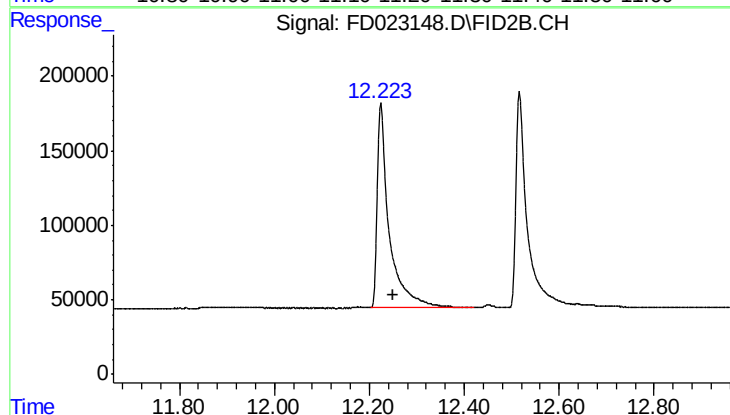
#10 Anthracene (C19.43)

R.T.: 10.496 min
Delta R.T.: -0.027 min
Response: 2323230
Conc: 16.60 ug/ml



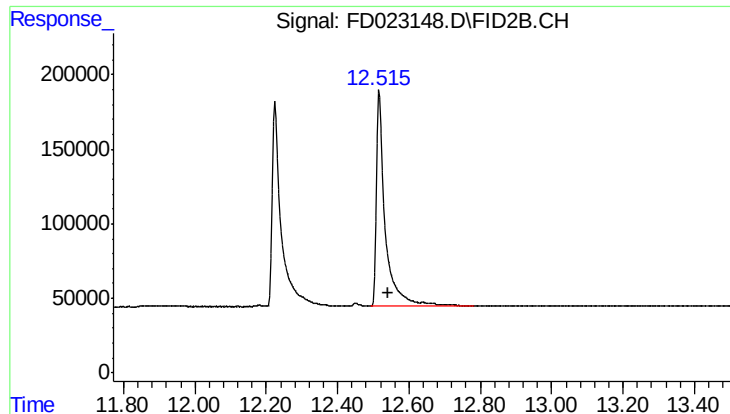
#11 ortho-Terphenyl (SURR)

R.T.: 11.168 min
Delta R.T.: -0.010 min
Response: 2416334
Conc: 17.28 ug/ml



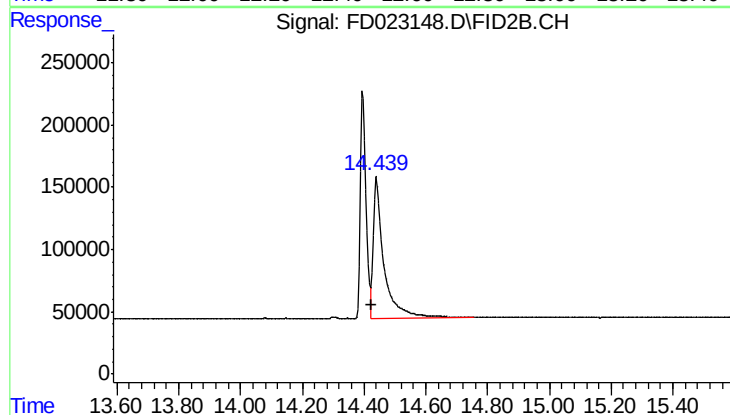
#12 Fluoranthene (C21.85)

R.T.: 12.224 min
Delta R.T.: -0.025 min
Response: 2410948
Conc: 17.55 ug/ml



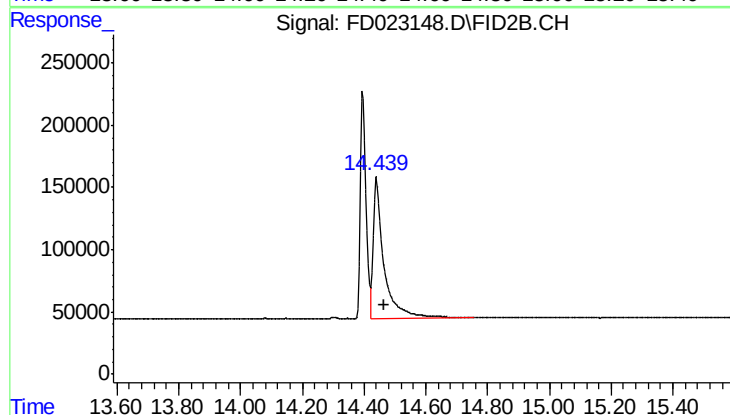
#13 Pyrene (C20.8)

R.T.: 12.516 min
Delta R.T.: -0.025 min
Response: 2467164
Conc: 17.48 ug/ml



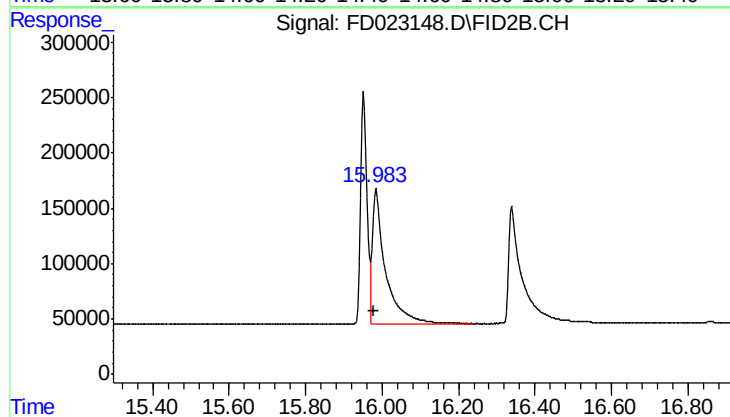
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: 0.017 min
Response: 2712697
Conc: 21.84 ug/ml



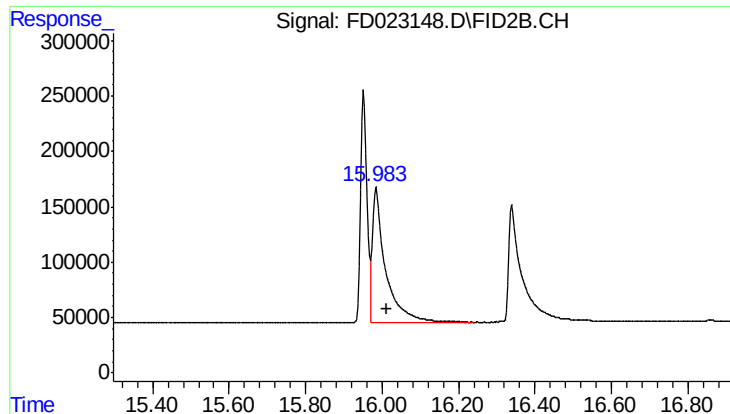
#15 Chrysene (C27.41)

R.T.: 14.439 min
Delta R.T.: -0.027 min
Response: 2712697
Conc: 17.52 ug/ml



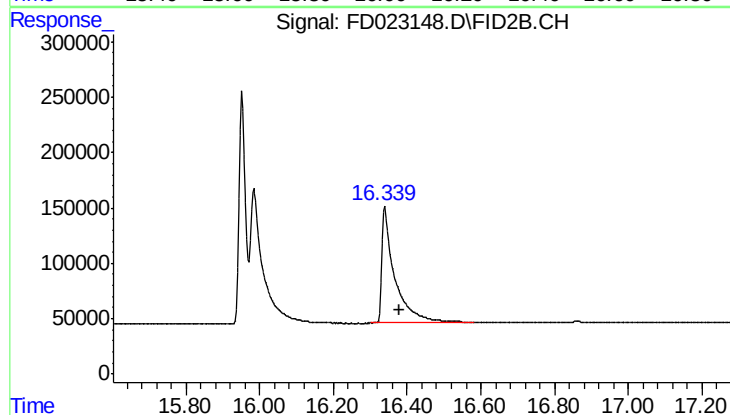
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.984 min
Delta R.T.: 0.005 min
Response: 2909216
Conc: 21.58 ug/ml



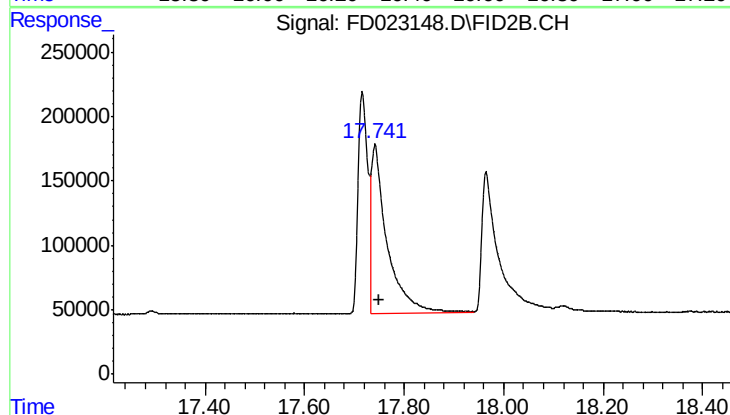
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.984 min
Delta R.T.: -0.029 min
Response: 2909216
Conc: 17.63 ug/ml



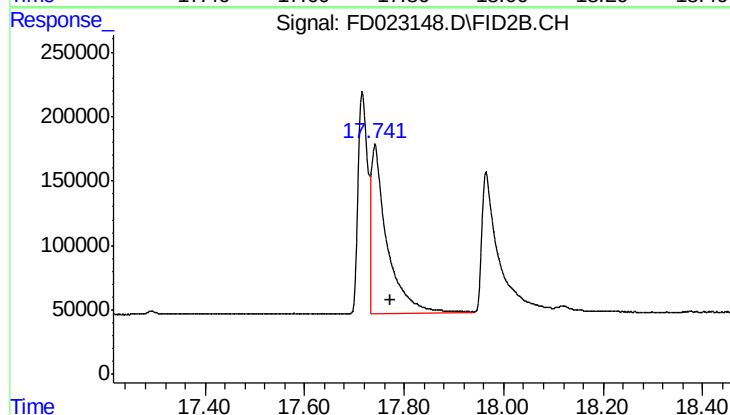
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: -0.040 min
Response: 2538573
Conc: 17.61 ug/ml



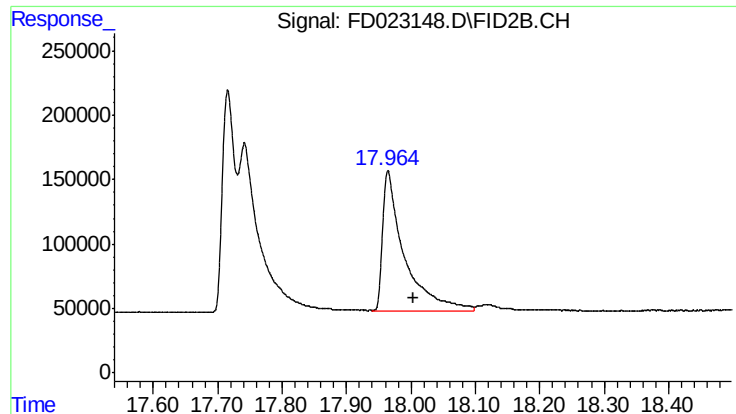
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.009 min
Response: 2934852
Conc: 22.62 ug/ml



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

R.T.: 17.742 min
Delta R.T.: -0.031 min
Response: 2934852
Conc: 17.64 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.039 min
Response: 2561181
Conc: 17.28 ug/ml