

Data Path : P:\HPCHEM1\FID_D\Data\FD042118AR\
 Data File : FD023181.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2018 3:48
 Operator : UA/AJ
 Sample : PB108458BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 23 08:40:18 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...	7.287	4688607	34.572 ug/ml
Spiked Amount 50.000		Recovery =	69.14%
6) S 2-Fluorobiphenyl (SURR)	8.148	2878292	40.387 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.77%
11) S ortho-Terphenyl (SURR)	11.165	4436994	31.737 ug/ml
Spiked Amount 50.000		Recovery =	63.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.099	3775026	27.082 ug/ml
2) T Naphthalene (C11.7)	5.627	4120424	30.105 ug/ml
3) T 2-Methylnaphthalene (...)	6.676	4225336	30.954 ug/mlm
5) T Acenaphthylene (C15.06)	7.941	4185753	28.639 ug/ml
7) T Acenaphthene (C15.5)	8.233	4556109	26.970 ug/ml
8) T Flouorene (C16.55)	9.017	4295900	29.999 ug/ml
9) T Phenanthrene (C19.36)	10.409	4433311	33.402 ug/ml
10) T Anthracene (C19.43)	10.487	4488736	32.081 ug/ml
12) T Fluoranthene (C21.85)	12.217	4746106	34.553 ug/ml
13) T Pyrene (C20.8)	12.510	4548862	32.225 ug/ml
14) T Benzo[a]anthracene (C...	14.390	4810847	38.724 ug/mlm
15) T Chrysene (C27.41)	14.432	5756315	37.181 ug/ml
16) T benzo[b]fluoranthene ...	15.948	4921122	36.506 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.978	5282786	32.015 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328f	4456314	30.912 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.708	4606391	35.497 ug/mlm
20) T Dibenz[a,h]anthracene...	17.734f	5352544	32.178 ug/ml
21) T Benzo[g,h,i]perylene ...	17.957	4851509	32.733 ug/ml

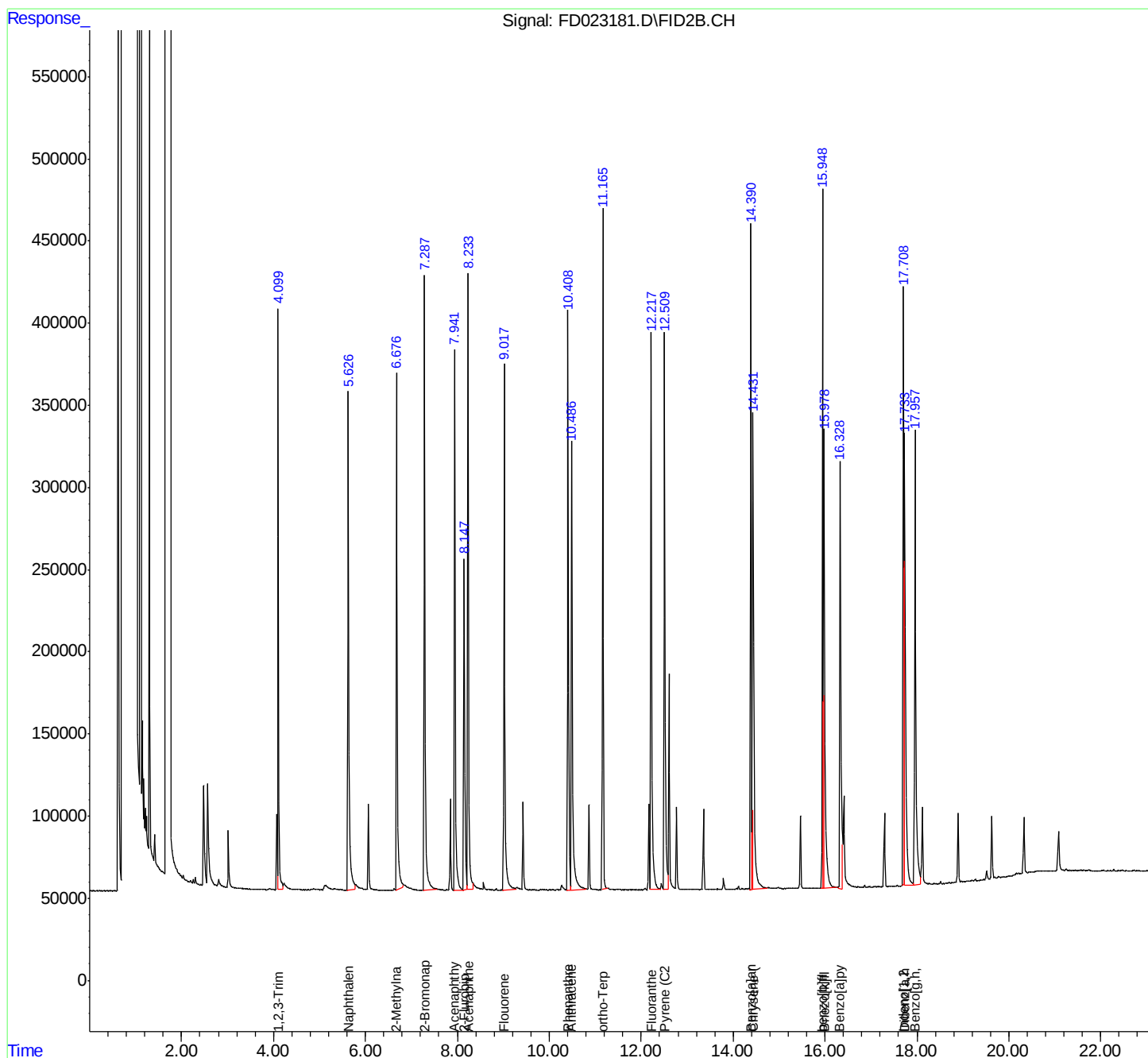
(f)=RT Delta > 1/2 Window

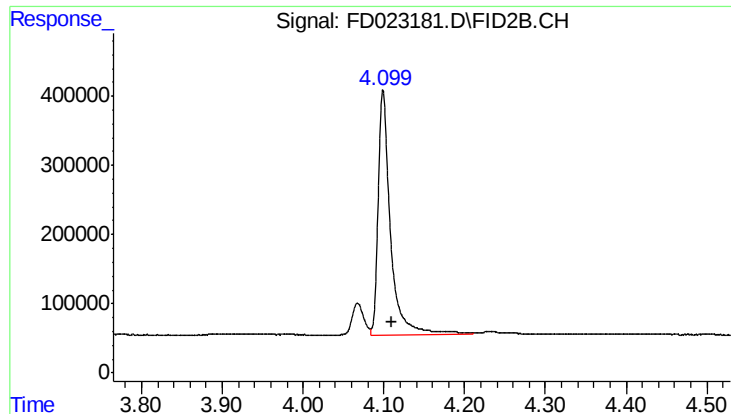
(m)=manual int.

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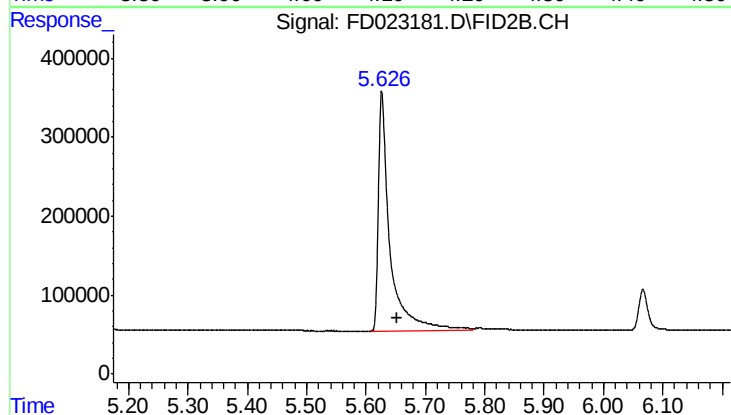
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





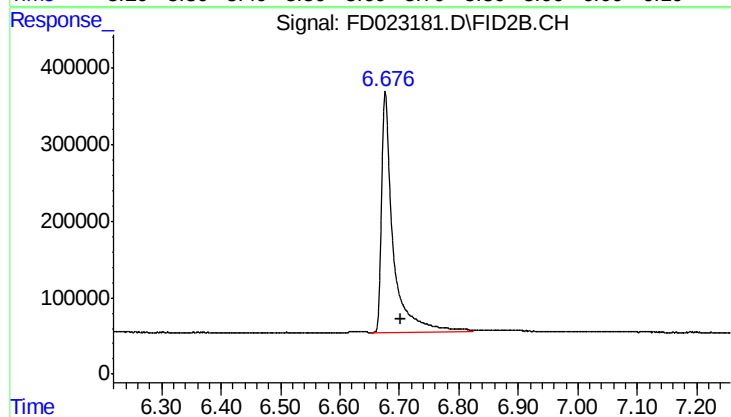
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.099 min
Delta R.T.: -0.011 min
Response: 3775026
Conc: 27.08 ug/ml



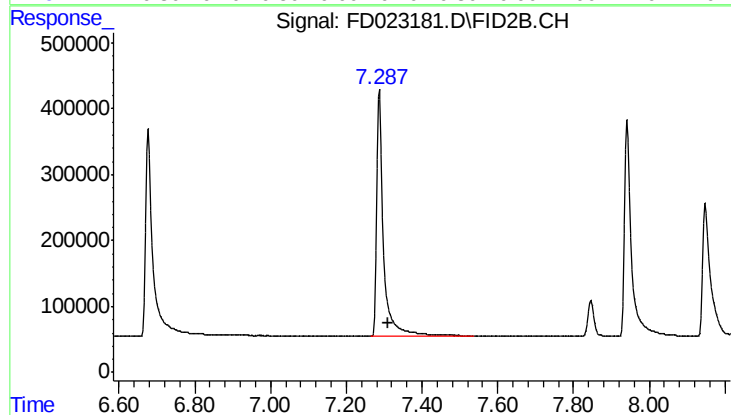
#2 Naphthalene (C11.7)

R.T.: 5.627 min
Delta R.T.: -0.026 min
Response: 4120424
Conc: 30.11 ug/ml



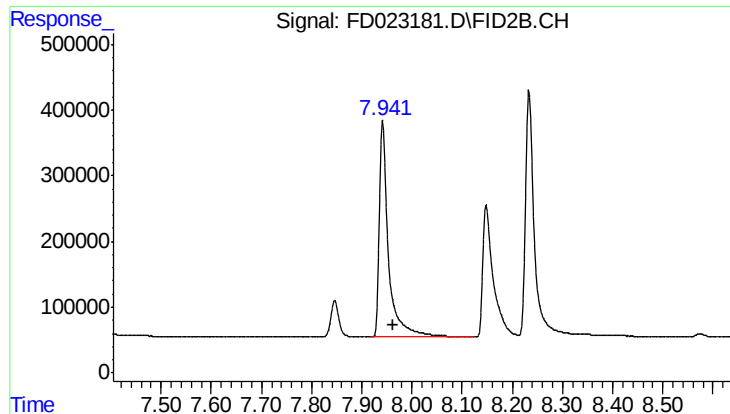
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.676 min
Delta R.T.: -0.026 min
Response: 4225336
Conc: 30.95 ug/ml m



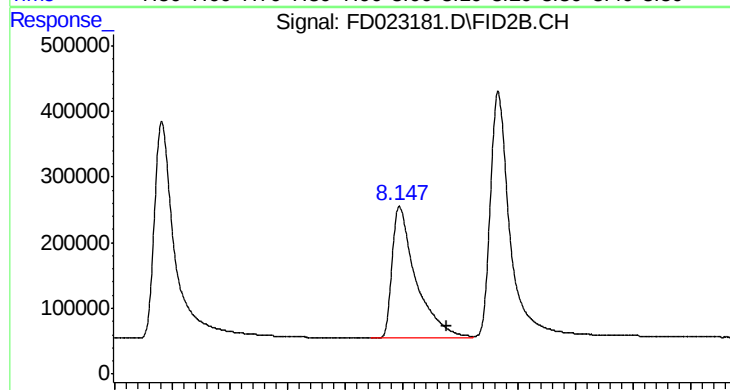
#4 2-Bromonaphthalene (SURR)

R.T.: 7.287 min
Delta R.T.: -0.023 min
Response: 4688607
Conc: 34.57 ug/ml



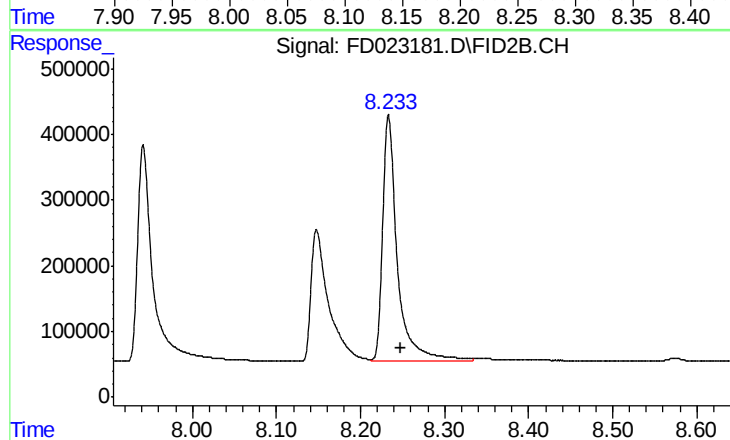
#5 Acenaphthylene (C15.06)

R.T.: 7.941 min
Delta R.T.: -0.021 min
Response: 4185753
Conc: 28.64 ug/ml



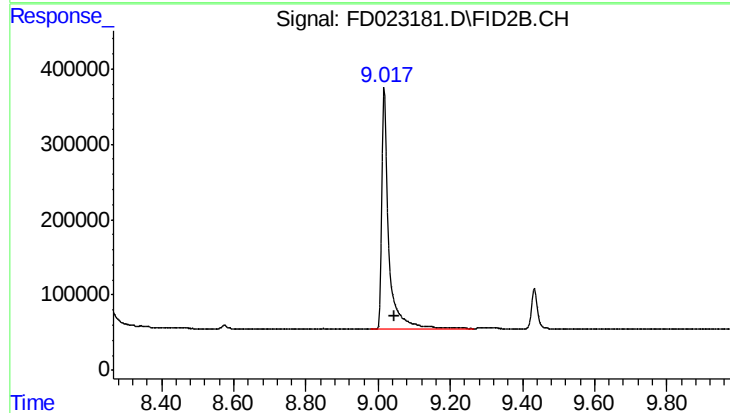
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.148 min
Delta R.T.: -0.041 min
Response: 2878292
Conc: 40.39 ug/ml



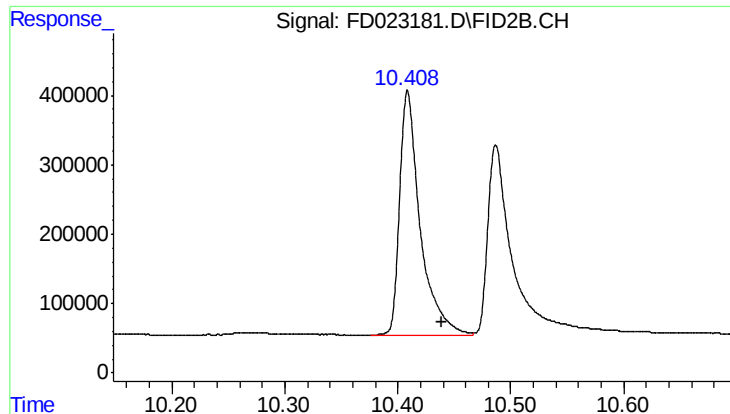
#7 Acenaphthene (C15.5)

R.T.: 8.233 min
Delta R.T.: -0.015 min
Response: 4556109
Conc: 26.97 ug/ml



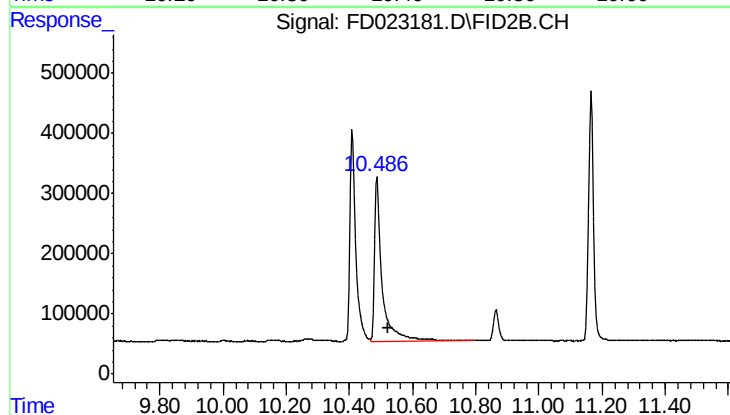
#8 Fluorene (C16.55)

R.T.: 9.017 min
Delta R.T.: -0.027 min
Response: 4295900
Conc: 30.00 ug/ml



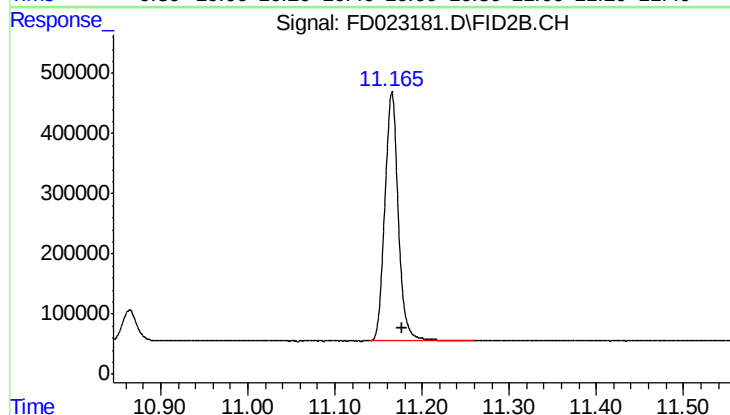
#9 Phenanthrene (C19.36)

R.T.: 10.409 min
Delta R.T.: -0.030 min
Response: 4433311
Conc: 33.40 ug/ml



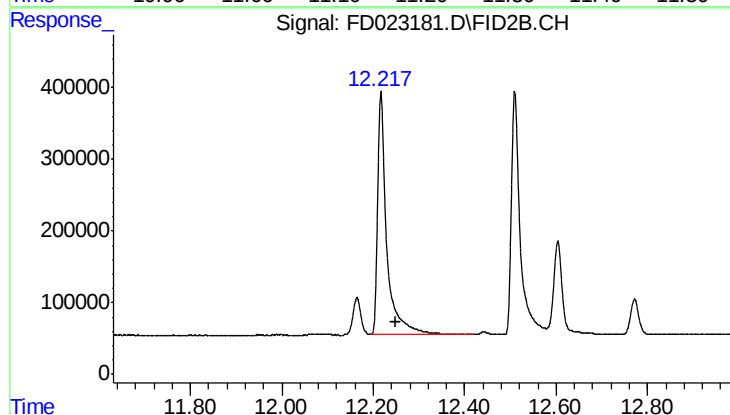
#10 Anthracene (C19.43)

R.T.: 10.487 min
Delta R.T.: -0.036 min
Response: 4488736
Conc: 32.08 ug/ml



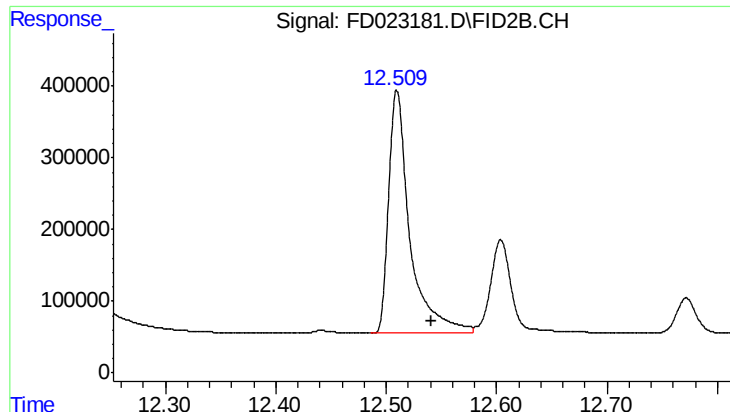
#11 ortho-Terphenyl (SURR)

R.T.: 11.165 min
Delta R.T.: -0.012 min
Response: 4436994
Conc: 31.74 ug/ml



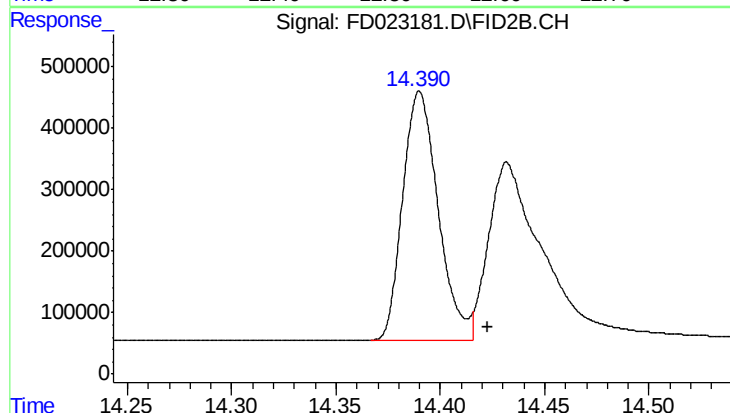
#12 Fluoranthene (C21.85)

R.T.: 12.217 min
Delta R.T.: -0.032 min
Response: 4746106
Conc: 34.55 ug/ml



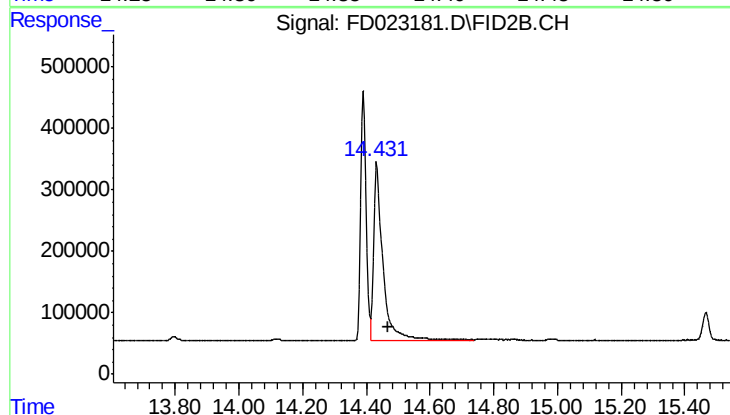
#13 Pyrene (C20.8)

R.T.: 12.510 min
Delta R.T.: -0.031 min
Response: 4548862
Conc: 32.23 ug/ml



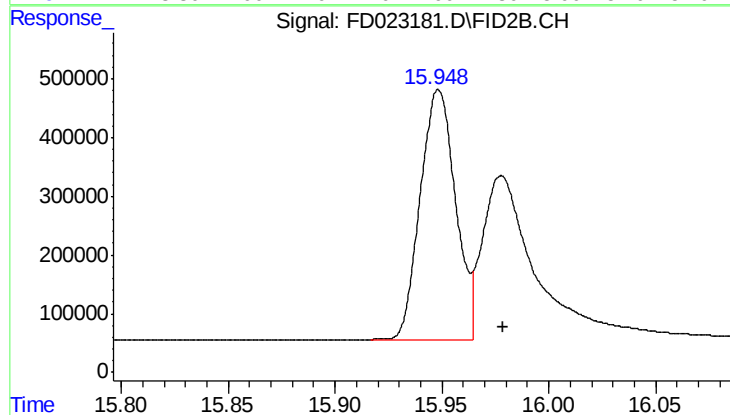
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.390 min
Delta R.T.: -0.033 min
Response: 4810847
Conc: 38.72 ug/ml m



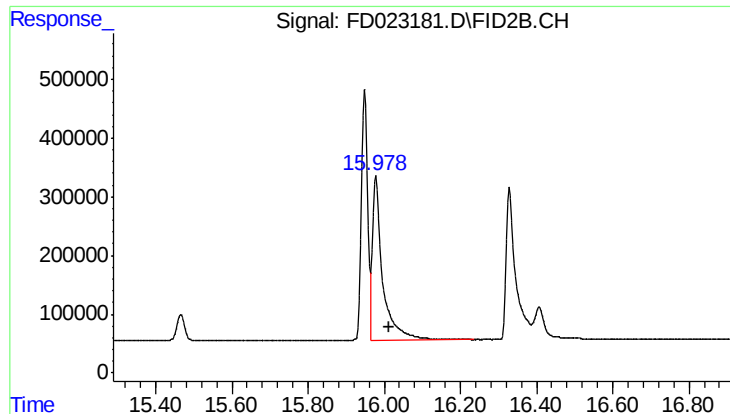
#15 Chrysene (C27.41)

R.T.: 14.432 min
Delta R.T.: -0.034 min
Response: 5756315
Conc: 37.18 ug/ml



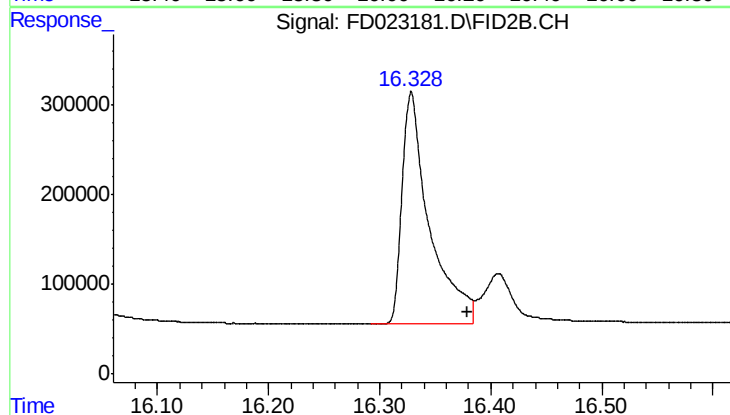
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.948 min
Delta R.T.: -0.031 min
Response: 4921122
Conc: 36.51 ug/ml m



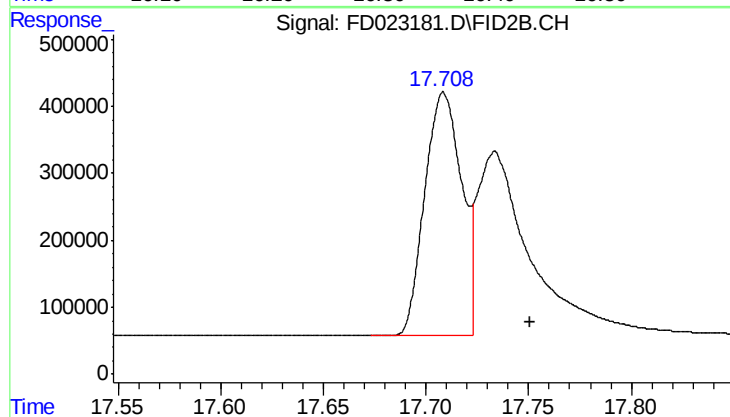
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.978 min
Delta R.T.: -0.035 min
Response: 5282786
Conc: 32.02 ug/ml



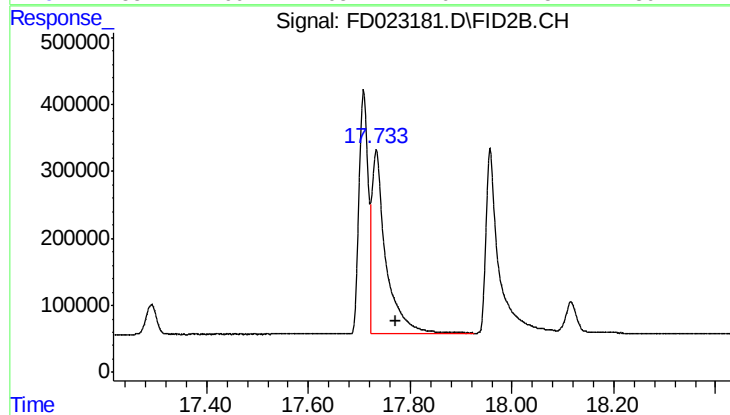
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.051 min
Response: 4456314
Conc: 30.91 ug/ml m



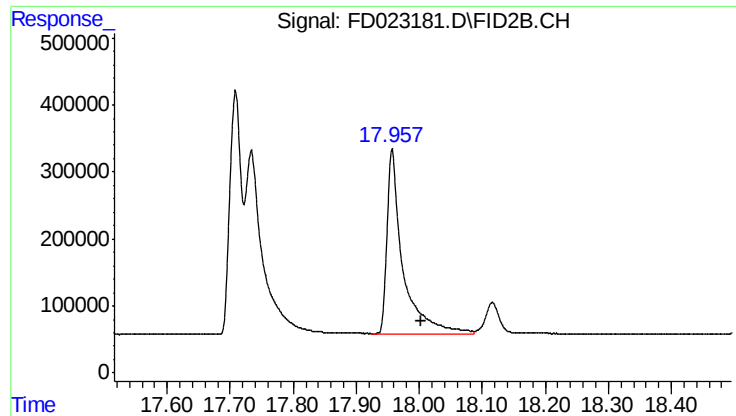
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.708 min
Delta R.T.: -0.043 min
Response: 4606391
Conc: 35.50 ug/ml m



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

R.T.: 17.734 min
Delta R.T.: -0.039 min
Response: 5352544
Conc: 32.18 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.046 min
Response: 4851509
Conc: 32.73 ug/ml