

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038226.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 22:12
 Operator : AJ\MA
 Sample : M2940-08
 Misc : AR LOQ 5 PPM
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 04:52:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 2021
 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...	7.522	4172641	32.016 ug/ml
Spiked Amount 50.000		Recovery =	64.03%
6) S 2-Fluorobiphenyl (SURR)	8.384	2662364	30.086 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.17%
11) S ortho-Terphenyl (SURR)	11.424	6106113	40.291 ug/ml
Spiked Amount 50.000		Recovery =	80.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.325	613467	4.331 ug/ml
2) T Naphthalene (C11.7)	5.860	618050	4.180 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	602760	4.107 ug/ml
5) T Acenaphthylene (C15.06)	8.184	587925	3.941 ug/ml
7) T Acenaphthene (C15.5)	8.479	628606	4.060 ug/ml
8) T Fluorene (C16.55)	9.260	556815	3.798 ug/ml
9) T Phenanthrene (C19.36)	10.655	501696	3.471 ug/ml
10) T Anthracene (C19.43)	10.731	439206	3.105 ug/ml
12) T Fluoranthene (C21.85)	12.468	495772	3.422 ug/ml
13) T Pyrene (C20.8)	12.764	486319	3.413 ug/ml
14) T Benzo[a]anthracene (C...	14.636	434706	3.405 ug/ml
15) T Chrysene (C27.41)	14.677	530266	3.745 ug/ml
16) T benzo[b]fluoranthene ...	16.188	478631	3.838 ug/ml
17) T Bnezo[k]fluoranthene ...	16.219	507886	3.872 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	441395	3.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.938	444336	4.293 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	522654	4.434 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	492301	4.510 ug/ml

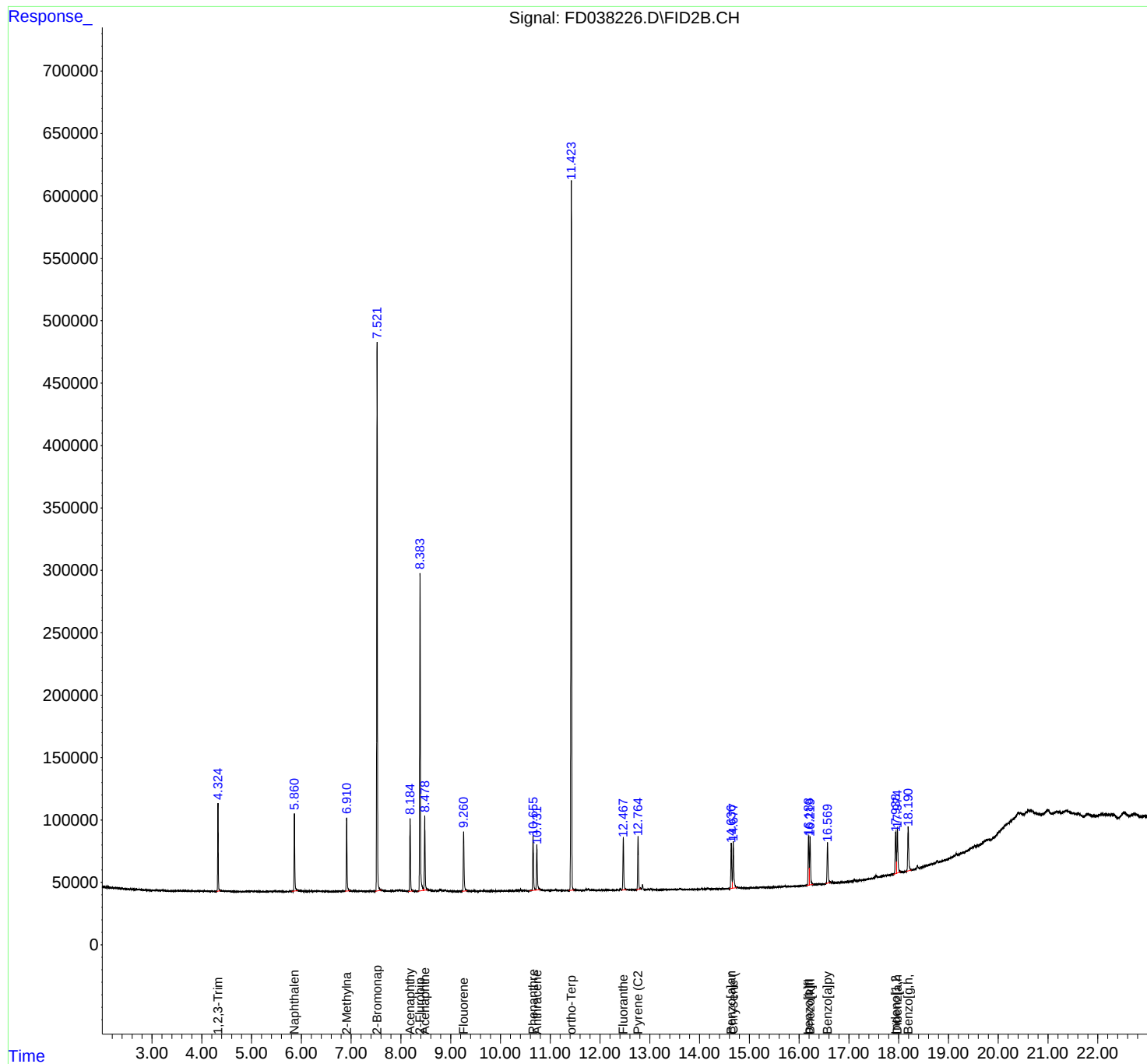
(f)=RT Delta > 1/2 Window

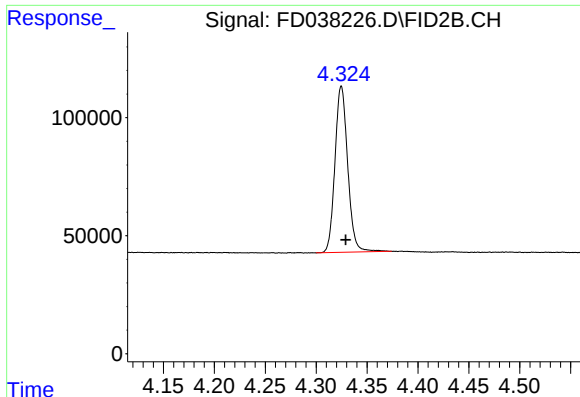
(m)=manual int.

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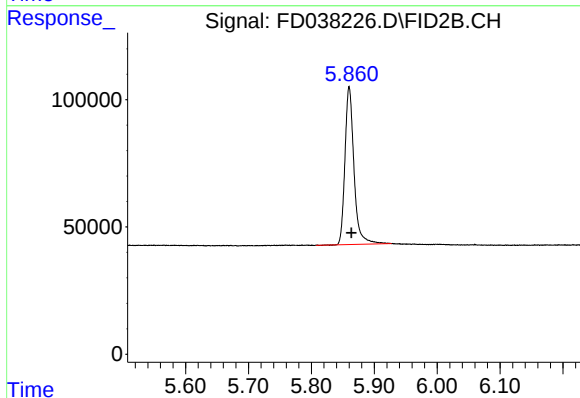
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Signal Info : 20M x 0.18mm x 0.18µm





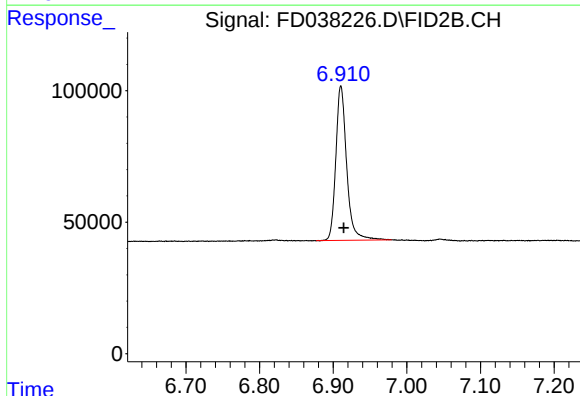
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 613467
Conc: 4.33 ug/ml



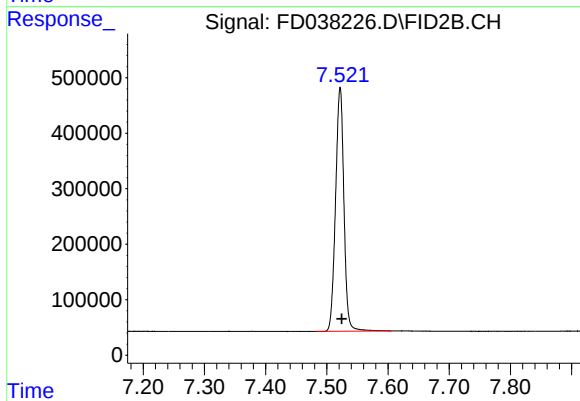
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.004 min
Response: 618050
Conc: 4.18 ug/ml



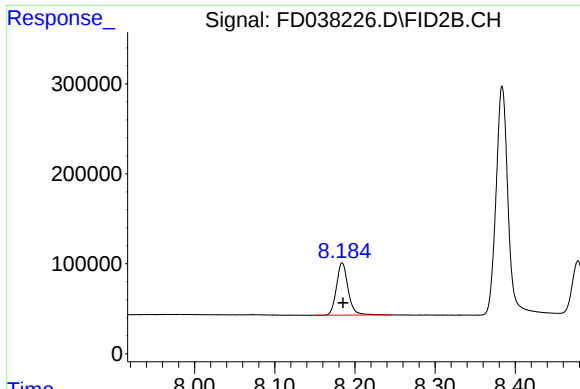
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.004 min
Response: 602760
Conc: 4.11 ug/ml



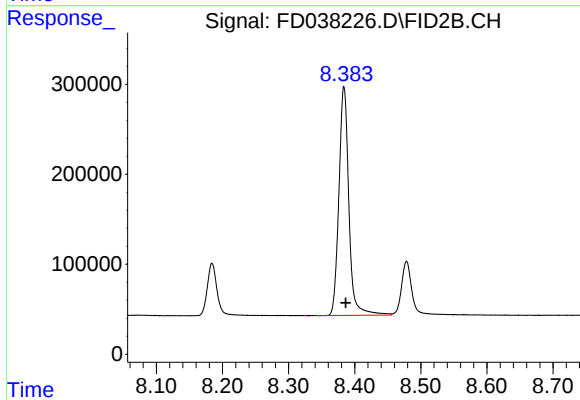
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 4172641
Conc: 32.02 ug/ml



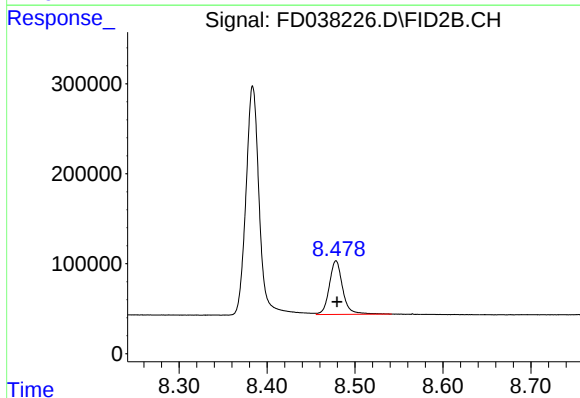
#5 Acenaphthylene (C15.06)

R.T.: 8.184 min
Delta R.T.: -0.001 min
Response: 587925
Conc: 3.94 ug/ml



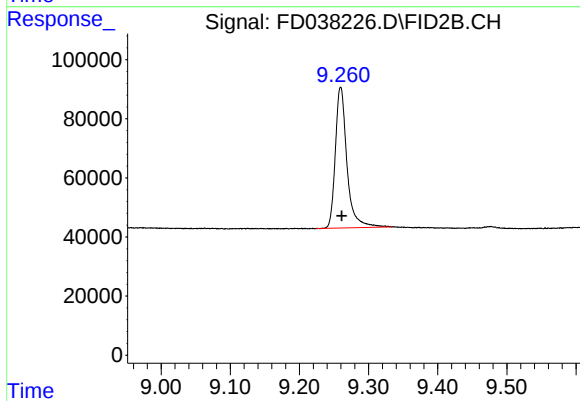
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.003 min
Response: 2662364
Conc: 30.09 ug/ml



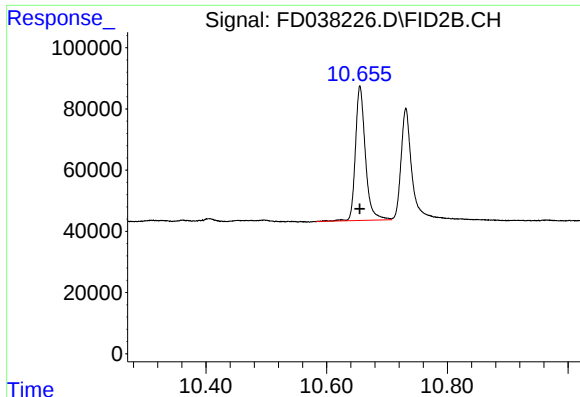
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 628606
Conc: 4.06 ug/ml



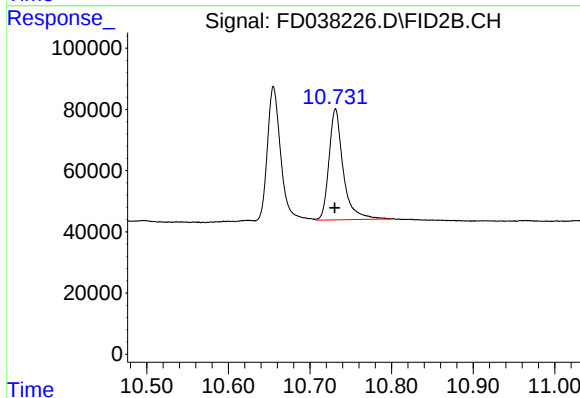
#8 Fluorene (C16.55)

R.T.: 9.260 min
Delta R.T.: -0.002 min
Response: 556815
Conc: 3.80 ug/ml



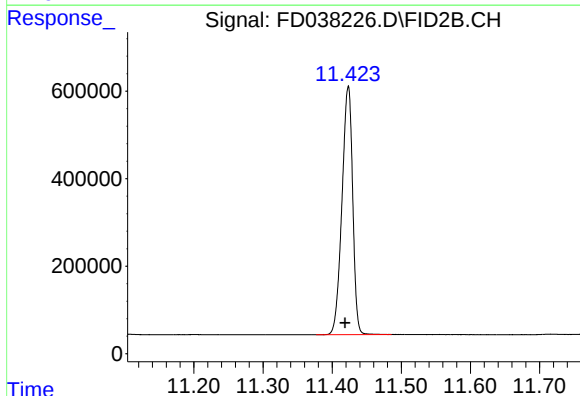
#9 Phenanthrene (C19.36)

R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 501696
Conc: 3.47 ug/ml



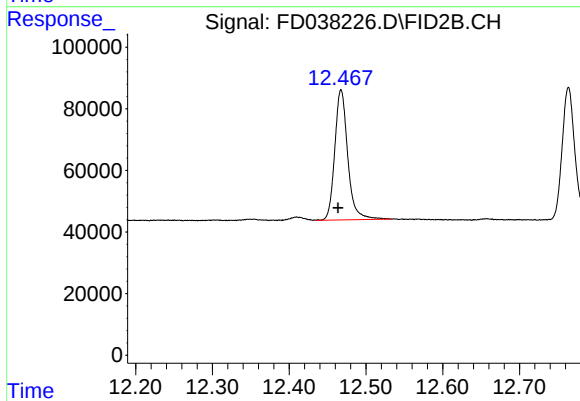
#10 Anthracene (C19.43)

R.T.: 10.731 min
Delta R.T.: 0.001 min
Response: 439206
Conc: 3.10 ug/ml



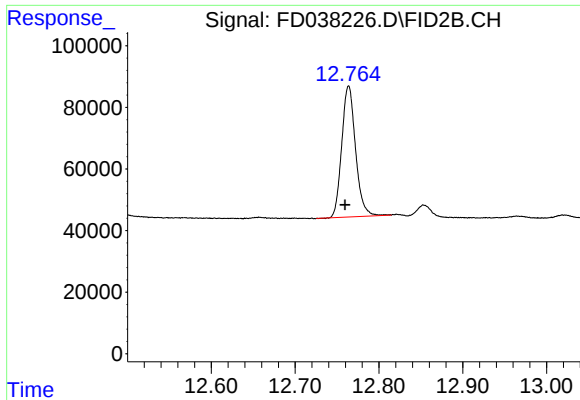
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: 0.005 min
Response: 6106113
Conc: 40.29 ug/ml



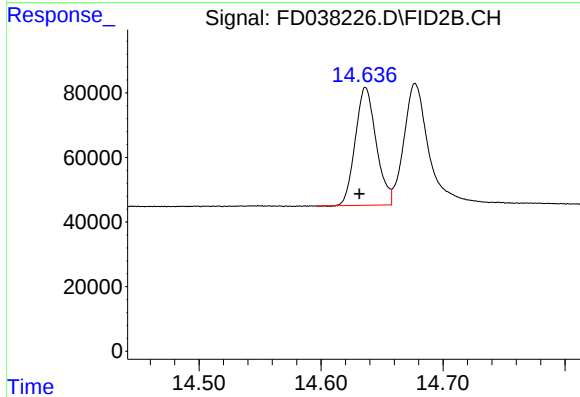
#12 Fluoranthene (C21.85)

R.T.: 12.468 min
Delta R.T.: 0.004 min
Response: 495772
Conc: 3.42 ug/ml



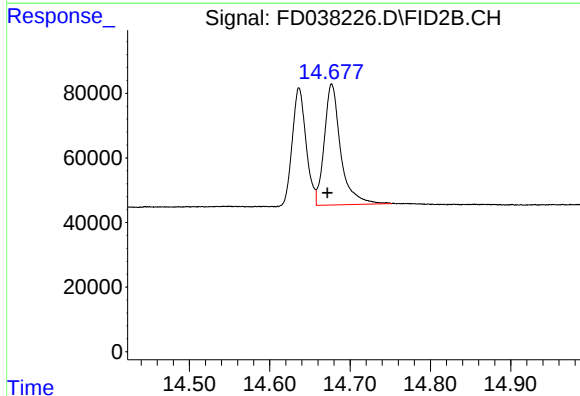
#13 Pyrene (C20.8)

R.T.: 12.764 min
Delta R.T.: 0.004 min
Response: 486319
Conc: 3.41 ug/ml



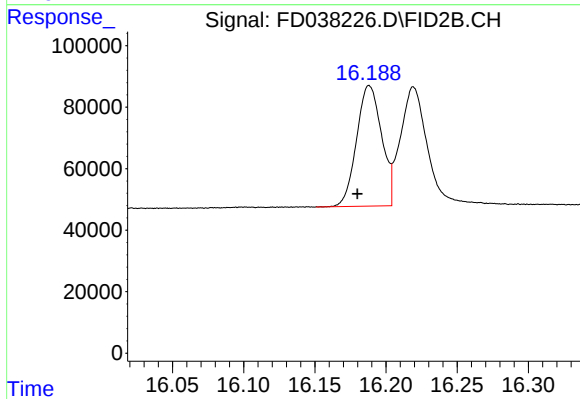
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: 0.005 min
Response: 434706
Conc: 3.40 ug/ml



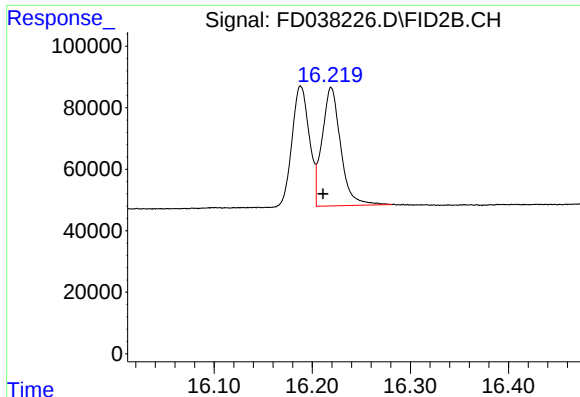
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: 0.005 min
Response: 530266
Conc: 3.75 ug/ml



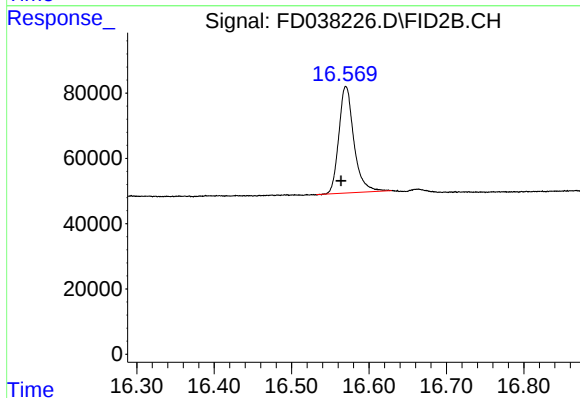
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: 0.008 min
Response: 478631
Conc: 3.84 ug/ml



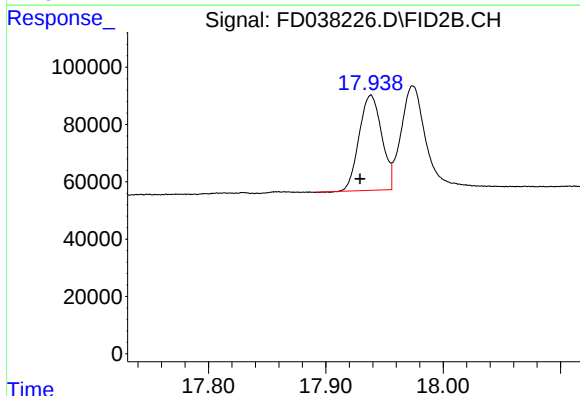
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.219 min
Delta R.T.: 0.008 min
Response: 507886
Conc: 3.87 ug/ml



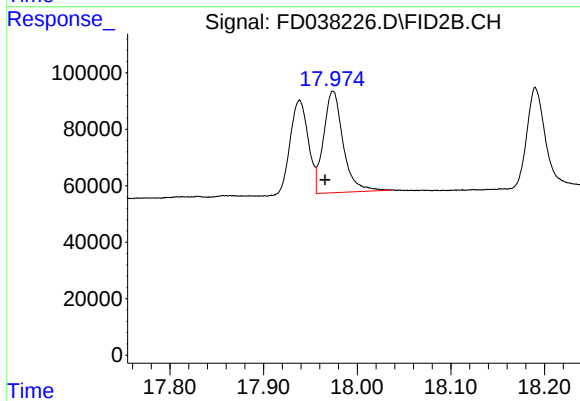
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: 0.006 min
Response: 441395
Conc: 3.76 ug/ml



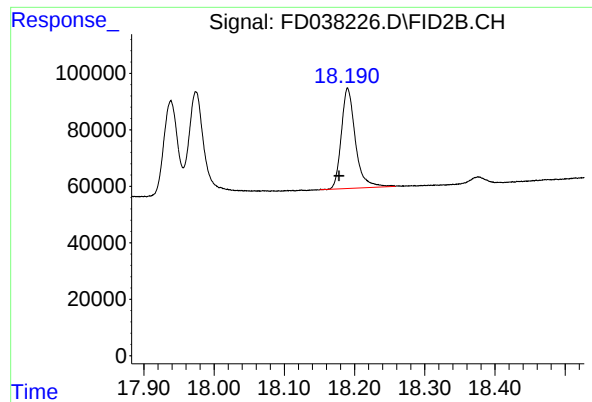
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.938 min
Delta R.T.: 0.009 min
Response: 444336
Conc: 4.29 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.009 min
Response: 522654
Conc: 4.43 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.012 min
Response: 492301
Conc: 4.51 ug/ml