

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082118AR\
 Data File : FD025432.D
 Signal(s) : FID2B.CH
 Acq On : 21 Aug 2018 11:40
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 13:23:23 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 13:22:40 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...	7.445	7852610	97.983 ug/ml
Spiked Amount 50.000		Recovery =	195.97%
6) S 2-Fluorobiphenyl (SURR)	8.300	5592119	98.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	197.89%#
11) S ortho-Terphenyl (SURR)	11.346	9061299	97.173 ug/ml
Spiked Amount 50.000		Recovery =	194.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.241	7375849	94.646 ug/ml
2) T Naphthalene (C11.7)	5.778	8454657	97.810 ug/ml
3) T 2-Methylnaphthalene (...)	6.832	8666788	98.578 ug/ml
5) T Acenaphthylene (C15.06)	8.104	8706016	98.220 ug/ml
7) T Acenaphthene (C15.5)	8.402	9130051	98.240 ug/ml
8) T Fluorene (C16.55)	9.181	9249165	97.238 ug/ml
9) T Phenanthrene (C19.36)	10.572	9325470	96.612 ug/ml
10) T Anthracene (C19.43)	10.649	9207294	97.181 ug/ml
12) T Fluoranthene (C21.85)	12.382	9273253	97.422 ug/ml
13) T Pyrene (C20.8)	12.677	9266579	97.514 ug/ml
14) T Benzo[a]anthracene (C...	14.547	9008778	102.153 ug/ml
15) T Chrysene (C27.41)	14.594	9041280	102.368 ug/ml
16) T benzo[b]fluoranthene ...	16.098	9737705	104.387 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	9683914	102.642 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.479	9820718	102.865 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	10315198	102.064 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	10010137	100.595 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.106	10172600	99.410 ug/ml

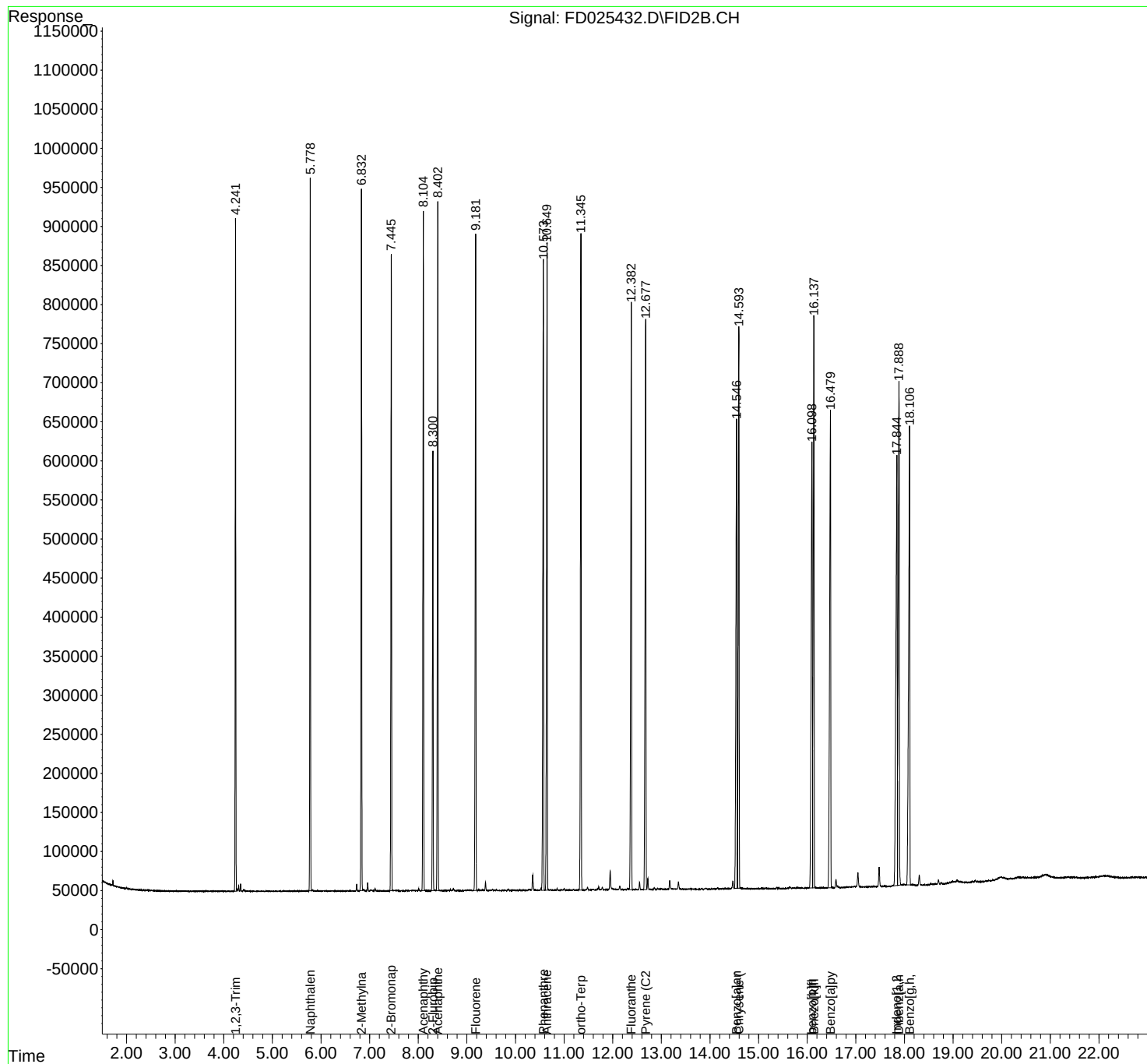
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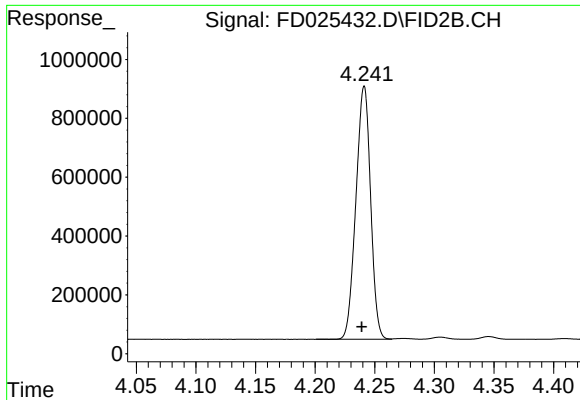
(m)=manual int.

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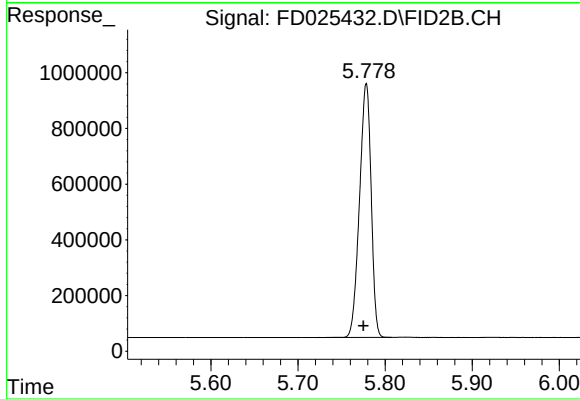
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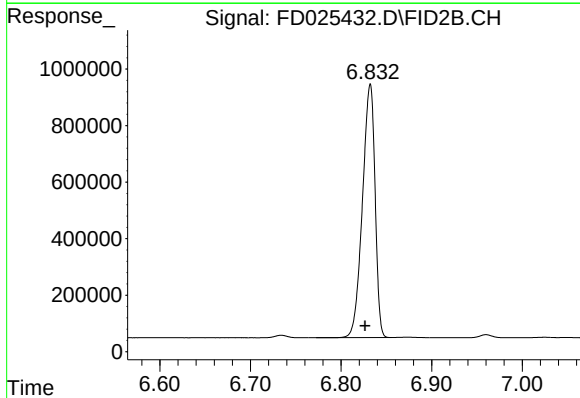
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.241 min
Delta R.T.: 0.002 min
Response: 7375849
Conc: 94.65 ug/ml



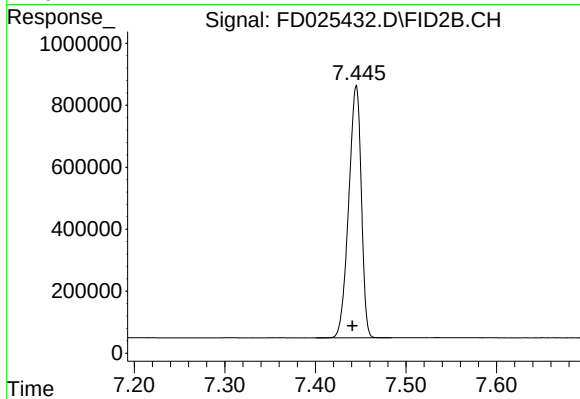
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 8454657
Conc: 97.81 ug/ml



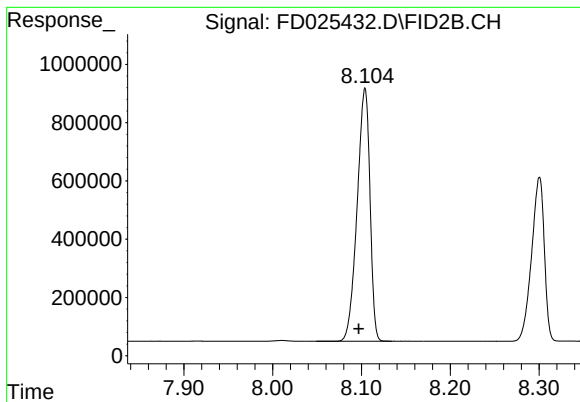
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.832 min
Delta R.T.: 0.005 min
Response: 8666788
Conc: 98.58 ug/ml



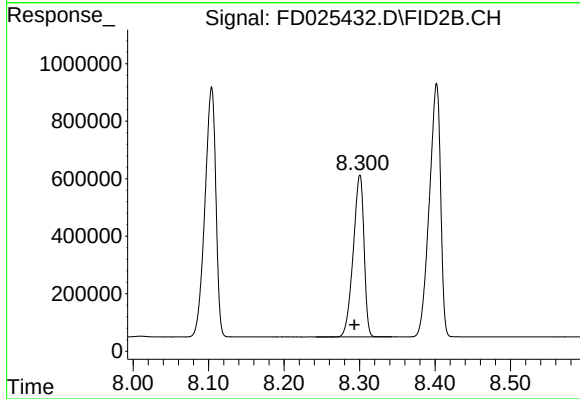
#4 2-Bromonaphthalene (SURR)

R.T.: 7.445 min
Delta R.T.: 0.004 min
Response: 7852610
Conc: 97.98 ug/ml



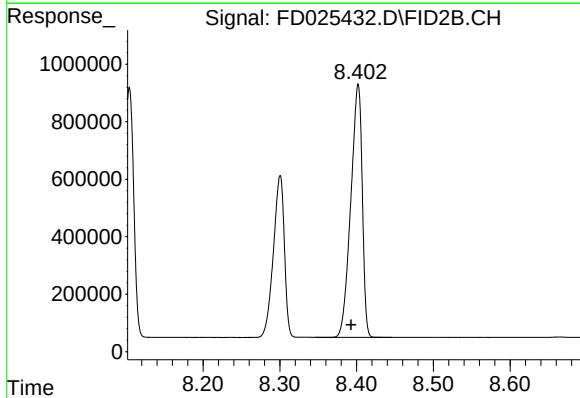
#5 Acenaphthylene (C15.06)

R.T.: 8.104 min
 Delta R.T.: 0.007 min
 Response: 8706016
 Conc: 98.22 ug/ml



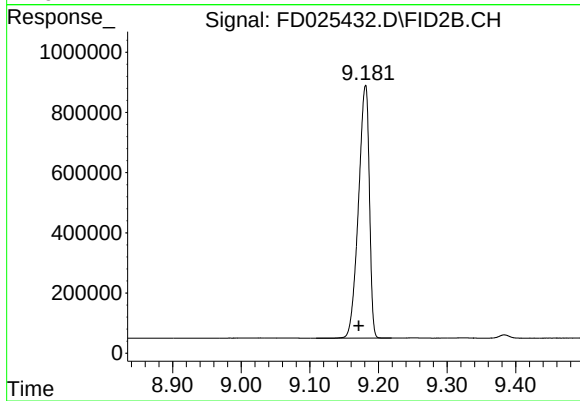
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
 Delta R.T.: 0.007 min
 Response: 5592119
 Conc: 98.94 ug/ml



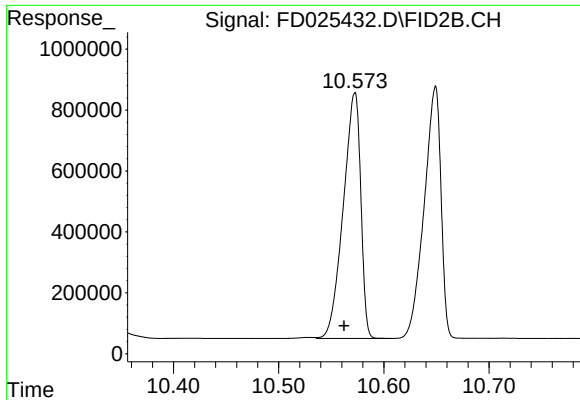
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
 Delta R.T.: 0.009 min
 Response: 9130051
 Conc: 98.24 ug/ml



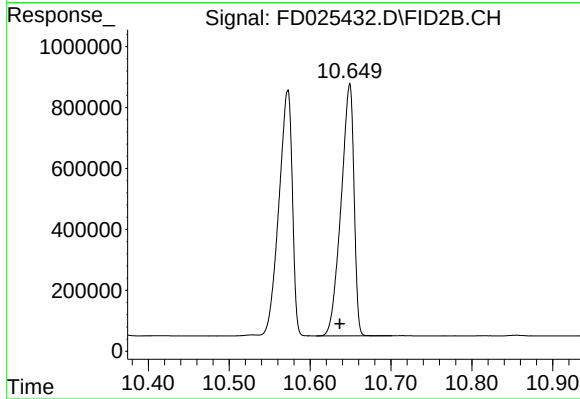
#8 Fluorene (C16.55)

R.T.: 9.181 min
 Delta R.T.: 0.010 min
 Response: 9249165
 Conc: 97.24 ug/ml



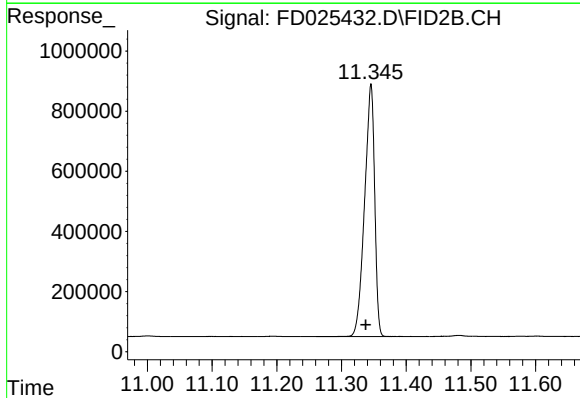
#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: 0.010 min
Response: 9325470
Conc: 96.61 ug/ml



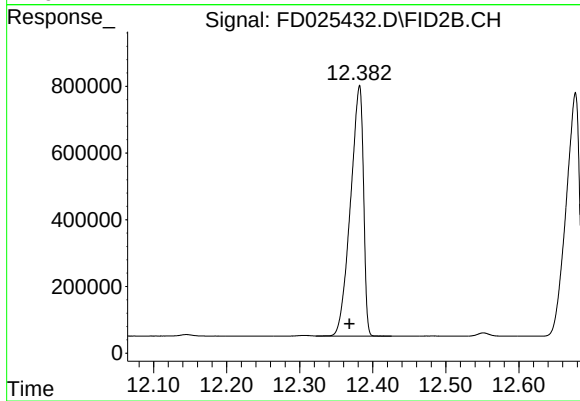
#10 Anthracene (C19.43)

R.T.: 10.649 min
Delta R.T.: 0.012 min
Response: 9207294
Conc: 97.18 ug/ml



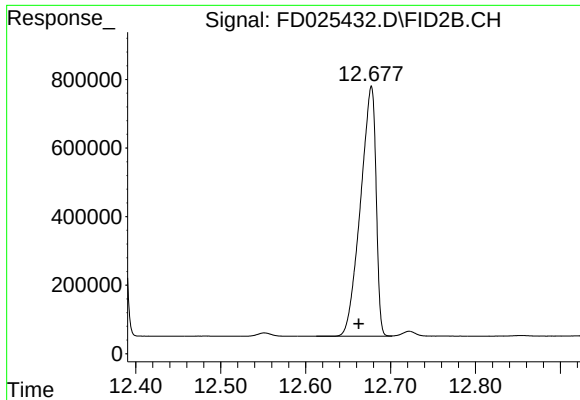
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: 0.008 min
Response: 9061299
Conc: 97.17 ug/ml



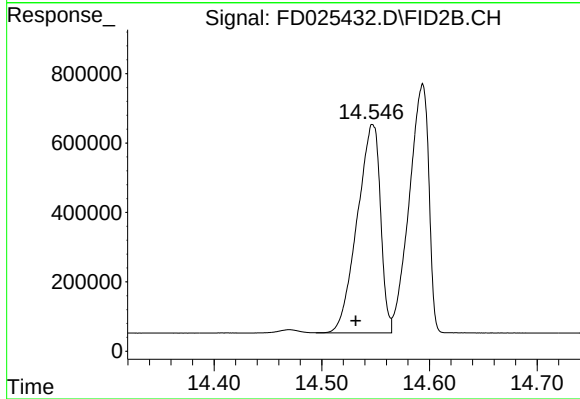
#12 Fluoranthene (C21.85)

R.T.: 12.382 min
Delta R.T.: 0.014 min
Response: 9273253
Conc: 97.42 ug/ml



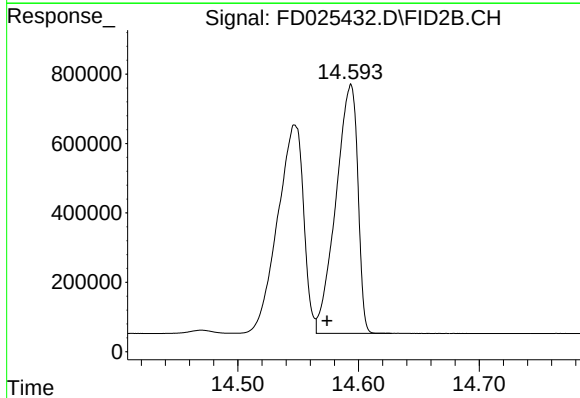
#13 Pyrene (C20.8)

R.T.: 12.677 min
Delta R.T.: 0.015 min
Response: 9266579
Conc: 97.51 ug/ml



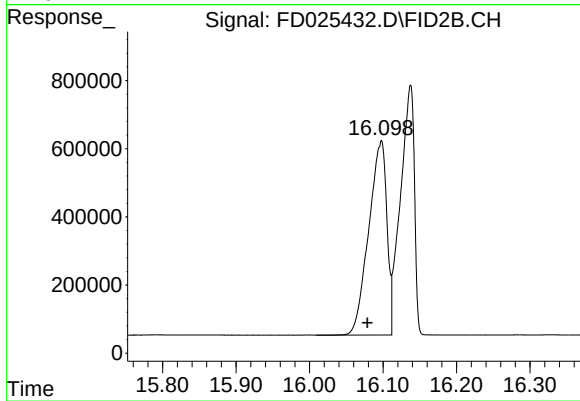
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.016 min
Response: 9008778
Conc: 102.15 ug/ml



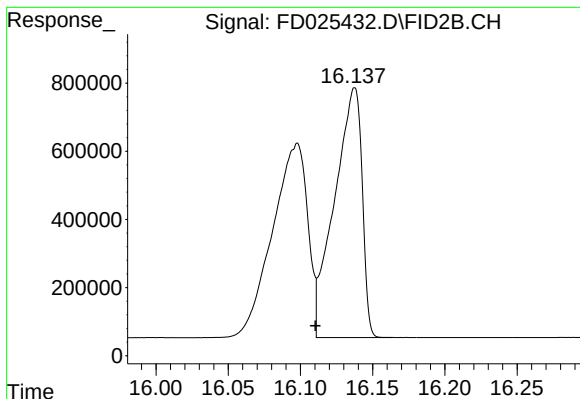
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.019 min
Response: 9041280
Conc: 102.37 ug/ml



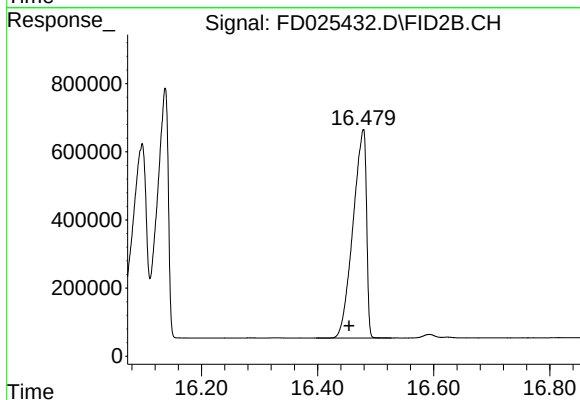
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.098 min
Delta R.T.: 0.019 min
Response: 9737705
Conc: 104.39 ug/ml



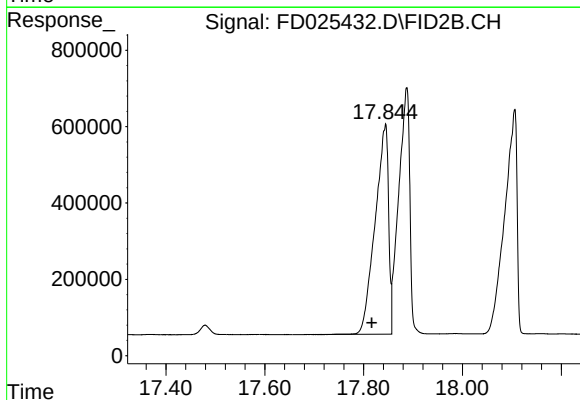
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.137 min
Delta R.T.: 0.026 min
Response: 9683914
Conc: 102.64 ug/ml m



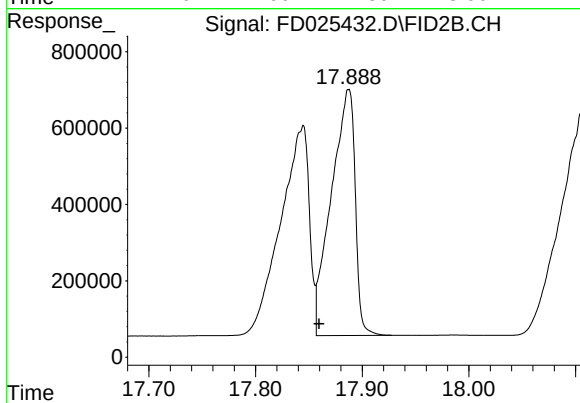
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.025 min
Response: 9820718
Conc: 102.86 ug/ml



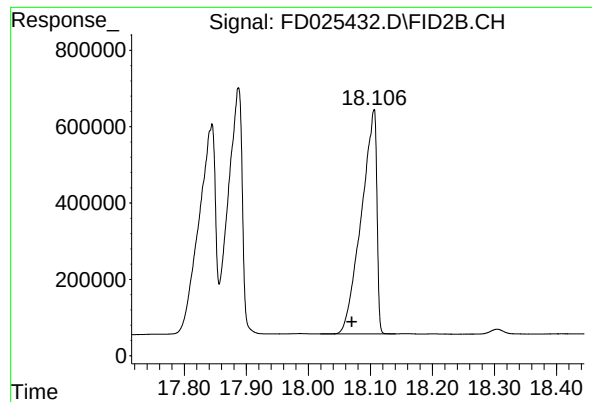
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.028 min
Response: 10315198
Conc: 102.06 ug/ml



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

R.T.: 17.888 min
Delta R.T.: 0.028 min
Response: 10010137
Conc: 100.60 ug/ml m



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

R.T.: 18.106 min
Delta R.T.: 0.036 min
Response: 10172600
Conc: 99.41 ug/ml