

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082818AR\
 Data File : FD025502.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2018 9:31
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 10:01:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.438	1622143	20.122 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
6) S 2-Fluorobiphenyl (SURR)	8.290	1095081	19.285 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.57%
11) S ortho-Terphenyl (SURR)	11.335	1695302	18.085 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1696551	21.591 ug/ml
2) T Naphthalene (C11.7)	5.772	1845266	21.098 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	1819696	20.523 ug/ml
5) T Acenaphthylene (C15.06)	8.094	1739709	19.516 ug/ml
7) T Acenaphthene (C15.5)	8.390	1814506	19.399 ug/ml
8) T Flouorene (C16.55)	9.168	1772298	18.521 ug/ml
9) T Phenanthrene (C19.36)	10.558	1743879	18.056 ug/ml
10) T Anthracene (C19.43)	10.633	1703441	17.951 ug/ml
12) T Fluoranthene (C21.85)	12.365	1794468	18.705 ug/ml
13) T Pyrene (C20.8)	12.660	1820400	19.025 ug/ml
14) T Benzo[a]anthracene (C...	14.529	1875554	20.957 ug/ml
15) T Chrysene (C27.41)	14.571	1893683	21.108 ug/ml
16) T benzo[b]fluoranthene ...	16.076	1970556	20.621 ug/ml
17) T Bnezo[k]fluoranthene ...	16.107	1972601	20.371 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	1960863	20.155 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	1959997	19.120 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	1953214	19.390 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	1967350	19.016 ug/ml

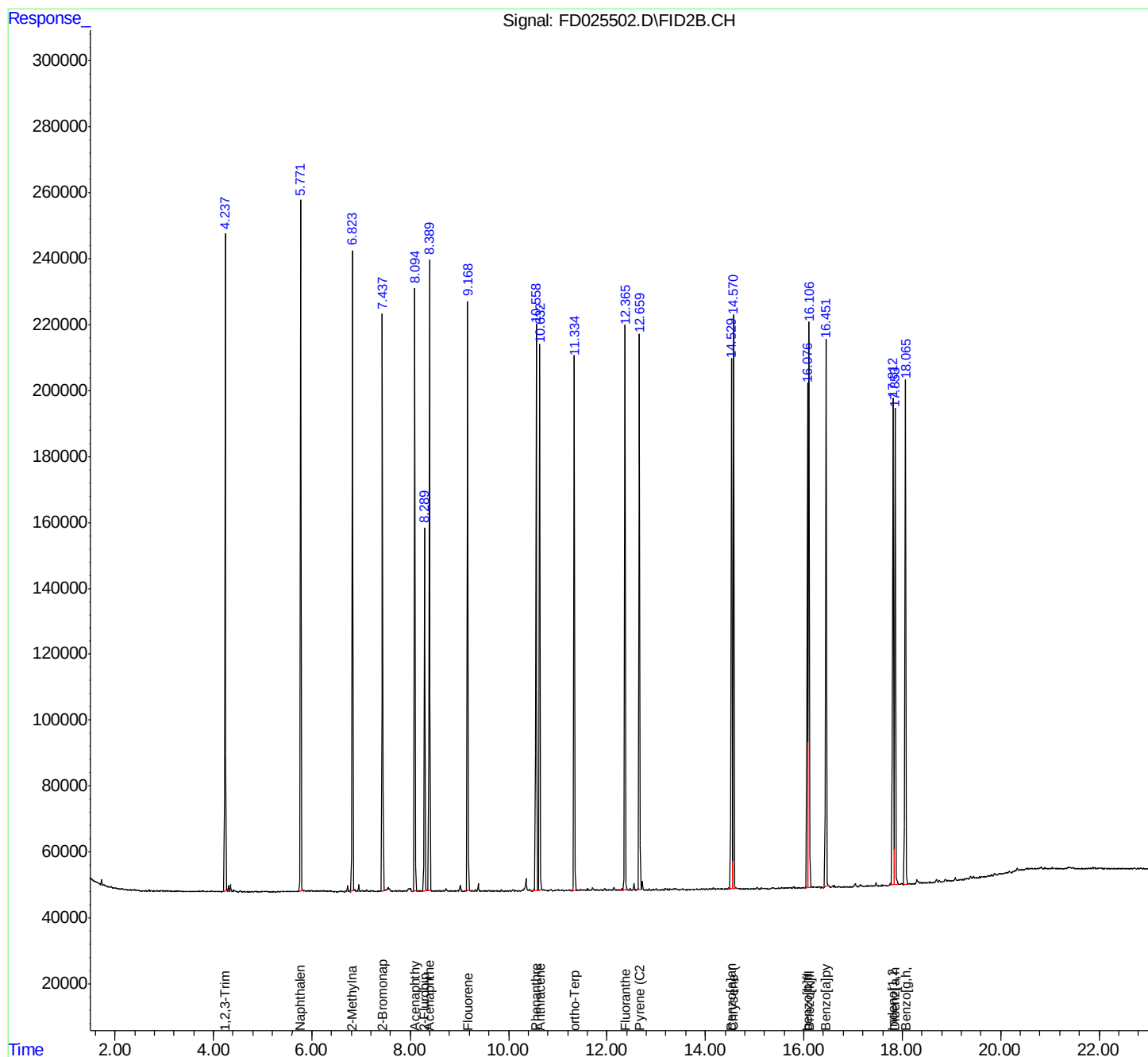
(f)=RT Delta > 1/2 Window

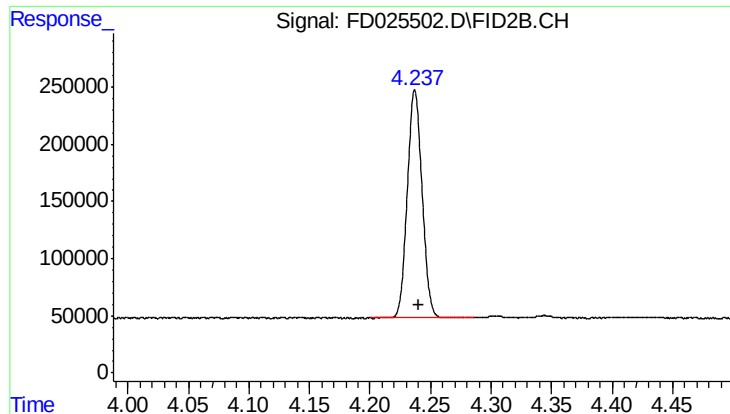
(m)=manual int.

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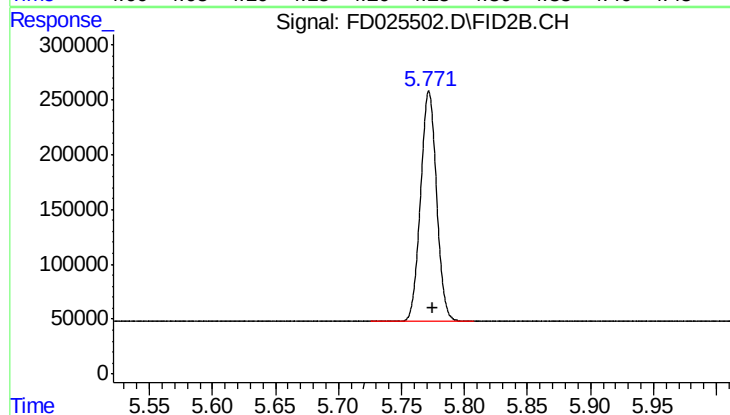
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Signal Info : 20M x 0.18mm x 0.18µm





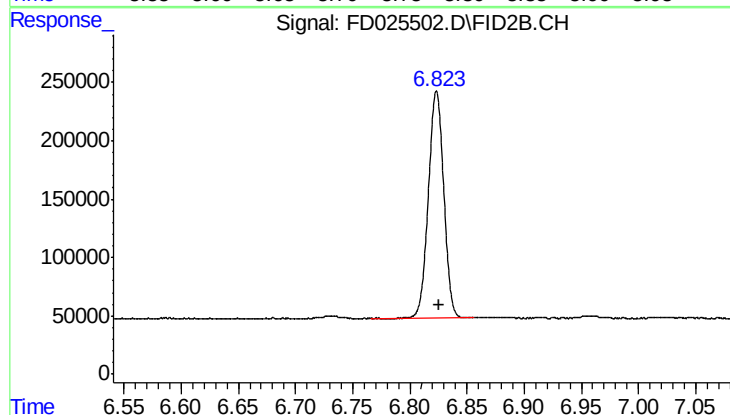
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.003 min
Response: 1696551
Conc: 21.59 ug/ml



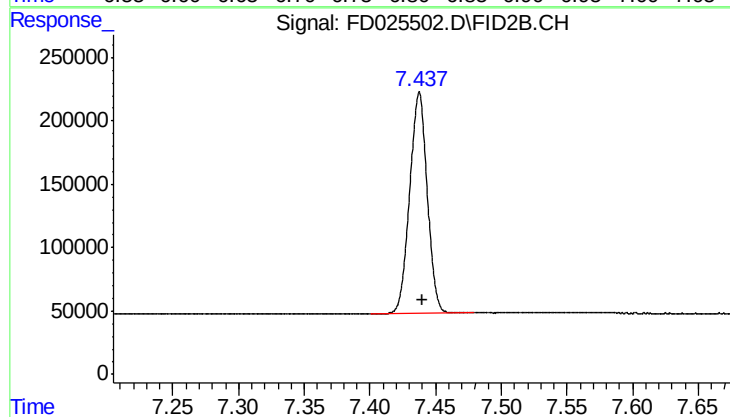
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 1845266
Conc: 21.10 ug/ml



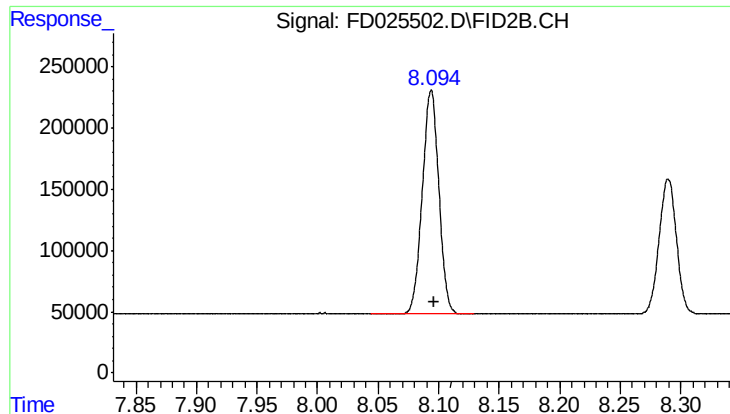
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 1819696
Conc: 20.52 ug/ml



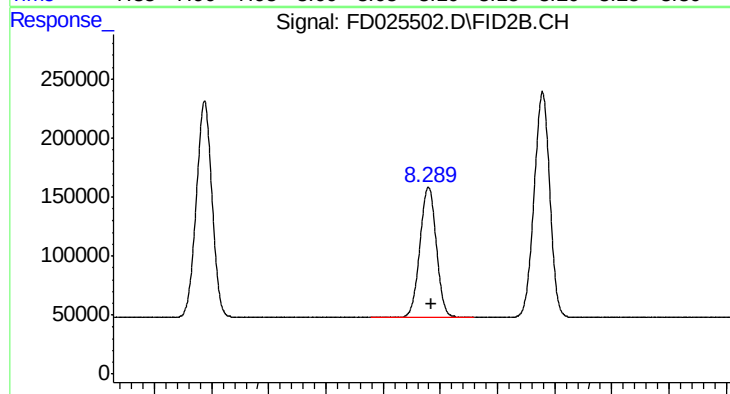
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.003 min
Response: 1622143
Conc: 20.12 ug/ml



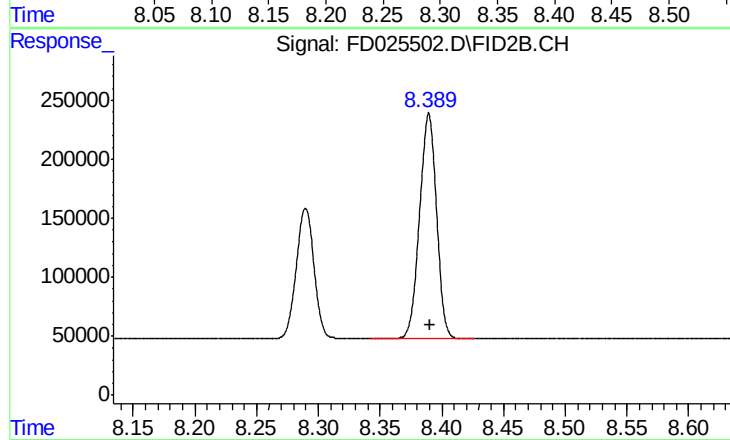
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 1739709
Conc: 19.52 ug/ml



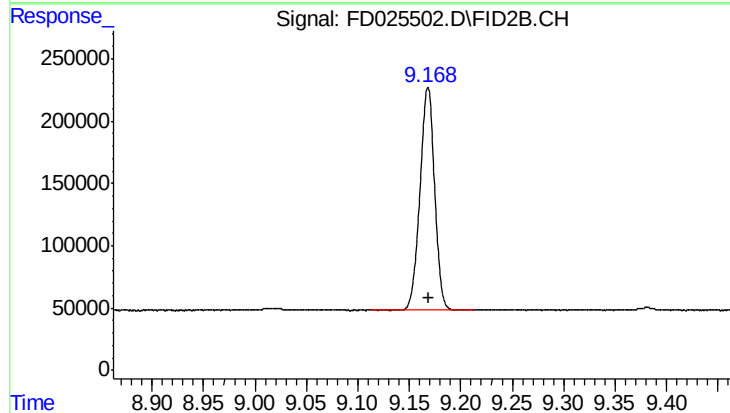
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.002 min
Response: 1095081
Conc: 19.28 ug/ml



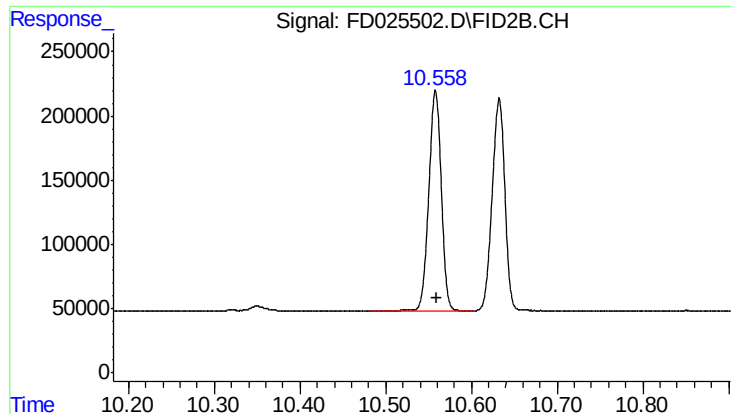
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.001 min
Response: 1814506
Conc: 19.40 ug/ml



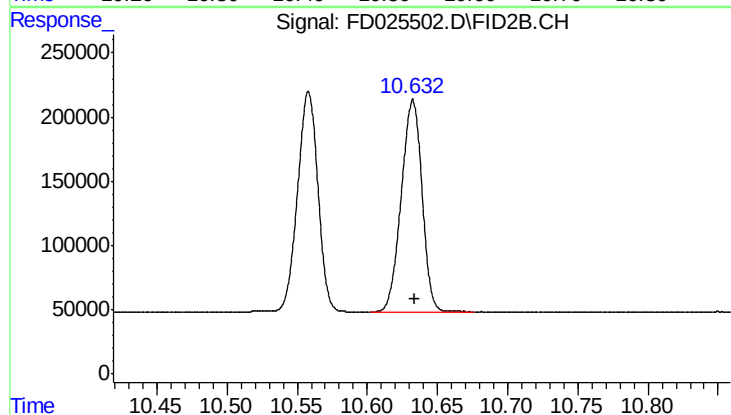
#8 Fluorene (C16.55)

R.T.: 9.168 min
Delta R.T.: -0.001 min
Response: 1772298
Conc: 18.52 ug/ml



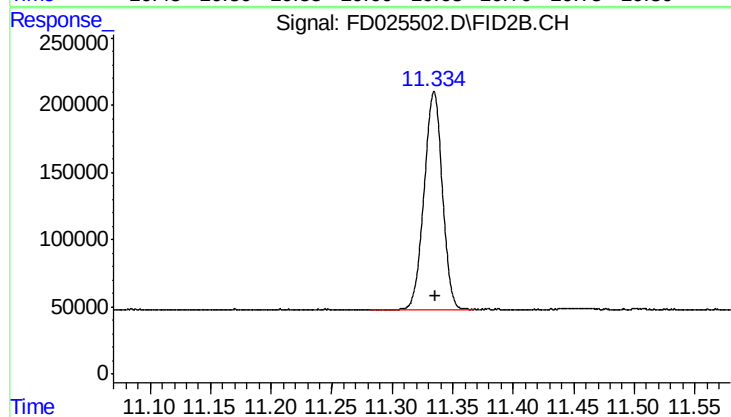
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.002 min
Response: 1743879
Conc: 18.06 ug/ml



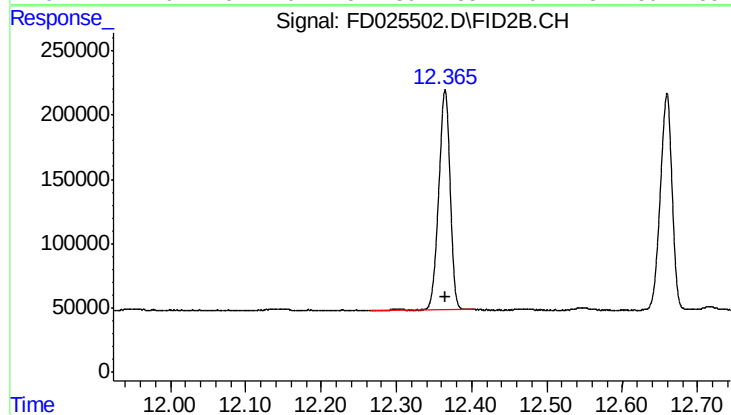
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: -0.001 min
Response: 1703441
Conc: 17.95 ug/ml



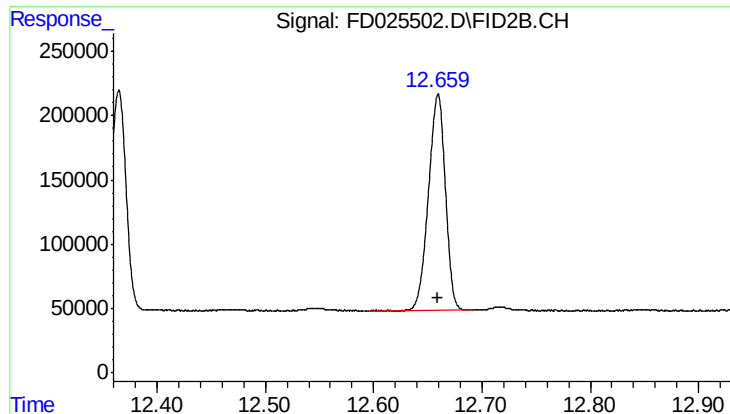
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.001 min
Response: 1695302
Conc: 18.09 ug/ml



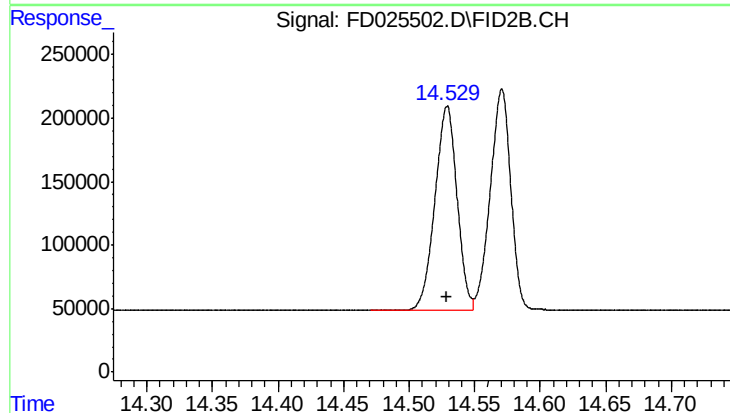
#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 1794468
Conc: 18.71 ug/ml



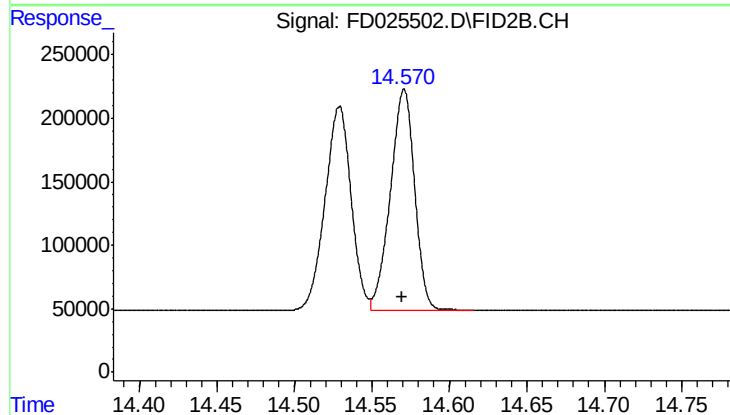
#13 Pyrene (C20.8)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 1820400
Conc: 19.02 ug/ml



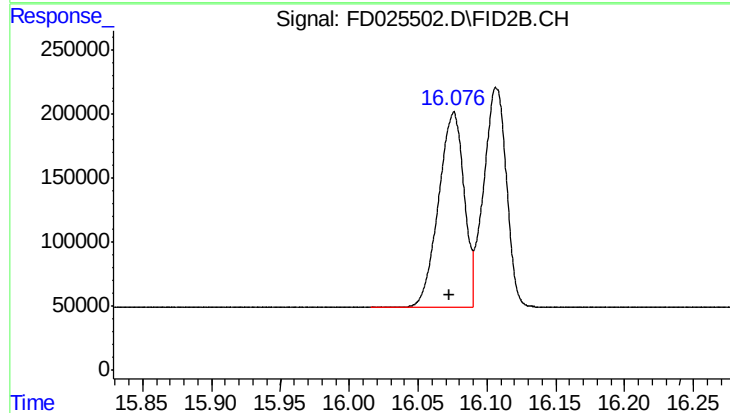
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: 0.000 min
Response: 1875554
Conc: 20.96 ug/ml



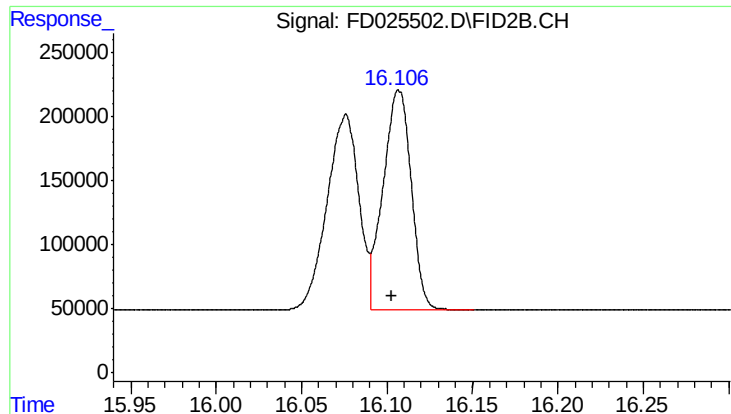
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: 0.001 min
Response: 1893683
Conc: 21.11 ug/ml



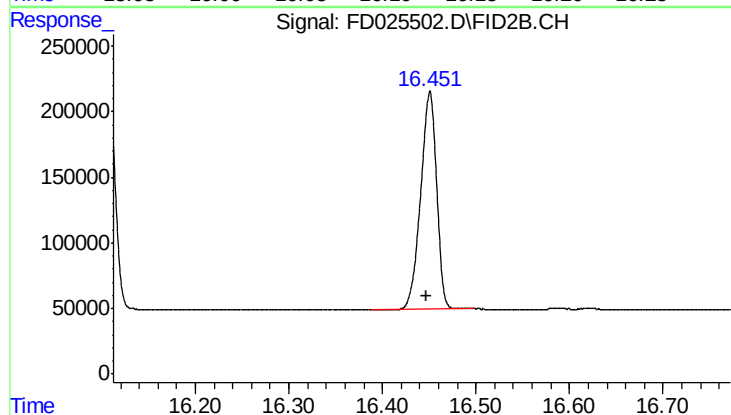
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: 0.004 min
Response: 1970556
Conc: 20.62 ug/ml



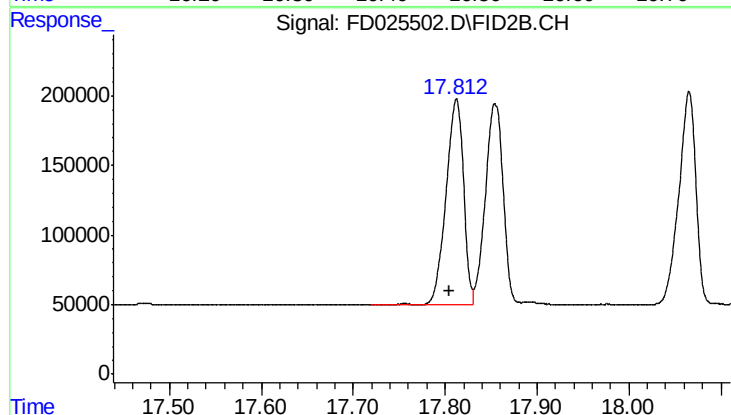
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.107 min
Delta R.T.: 0.004 min
Response: 1972601
Conc: 20.37 ug/ml



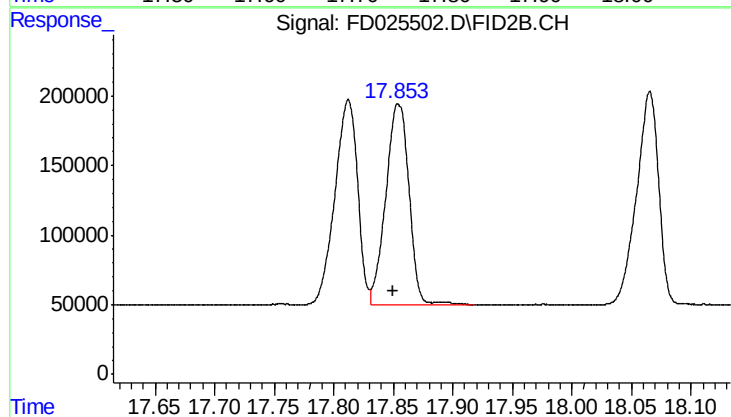
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.004 min
Response: 1960863
Conc: 20.15 ug/ml



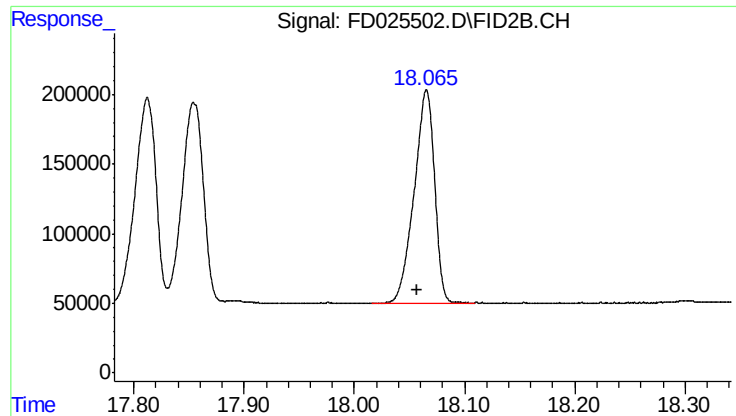
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.007 min
Response: 1959997
Conc: 19.12 ug/ml



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

R.T.: 17.854 min
Delta R.T.: 0.004 min
Response: 1953214
Conc: 19.39 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.008 min
Response: 1967350
Conc: 19.02 ug/ml