

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082818AR\
 Data File : FD025510.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2018 14:58
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 15:33:31 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	1616118	20.047 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
6) S 2-Fluorobiphenyl (SURR)	8.291	1088082	19.162 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.32%
11) S ortho-Terphenyl (SURR)	11.336	1676152	17.881 ug/ml
Spiked Amount 50.000		Recovery =	35.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1713446	21.806 ug/ml
2) T Naphthalene (C11.7)	5.773	1844708	21.091 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	1814380	20.463 ug/ml
5) T Acenaphthylene (C15.06)	8.095	1727451	19.379 ug/ml
7) T Acenaphthene (C15.5)	8.390	1800763	19.252 ug/ml
8) T Flouorene (C16.55)	9.169	1755920	18.350 ug/ml
9) T Phenanthrene (C19.36)	10.559	1724738	17.858 ug/ml
10) T Anthracene (C19.43)	10.633	1682149	17.727 ug/ml
12) T Fluoranthene (C21.85)	12.365	1774326	18.495 ug/ml
13) T Pyrene (C20.8)	12.660	1806449	18.879 ug/ml
14) T Benzo[a]anthracene (C...	14.529	1872548	20.923 ug/ml
15) T Chrysene (C27.41)	14.572	1888255	21.047 ug/ml
16) T benzo[b]fluoranthene ...	16.076	1967572	20.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	1976143	20.407 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	1962572	20.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.813	1936886	18.894 ug/ml
20) T Dibenz[a,h]anthracene...	17.856	1910982	18.970 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	1972012	19.061 ug/ml

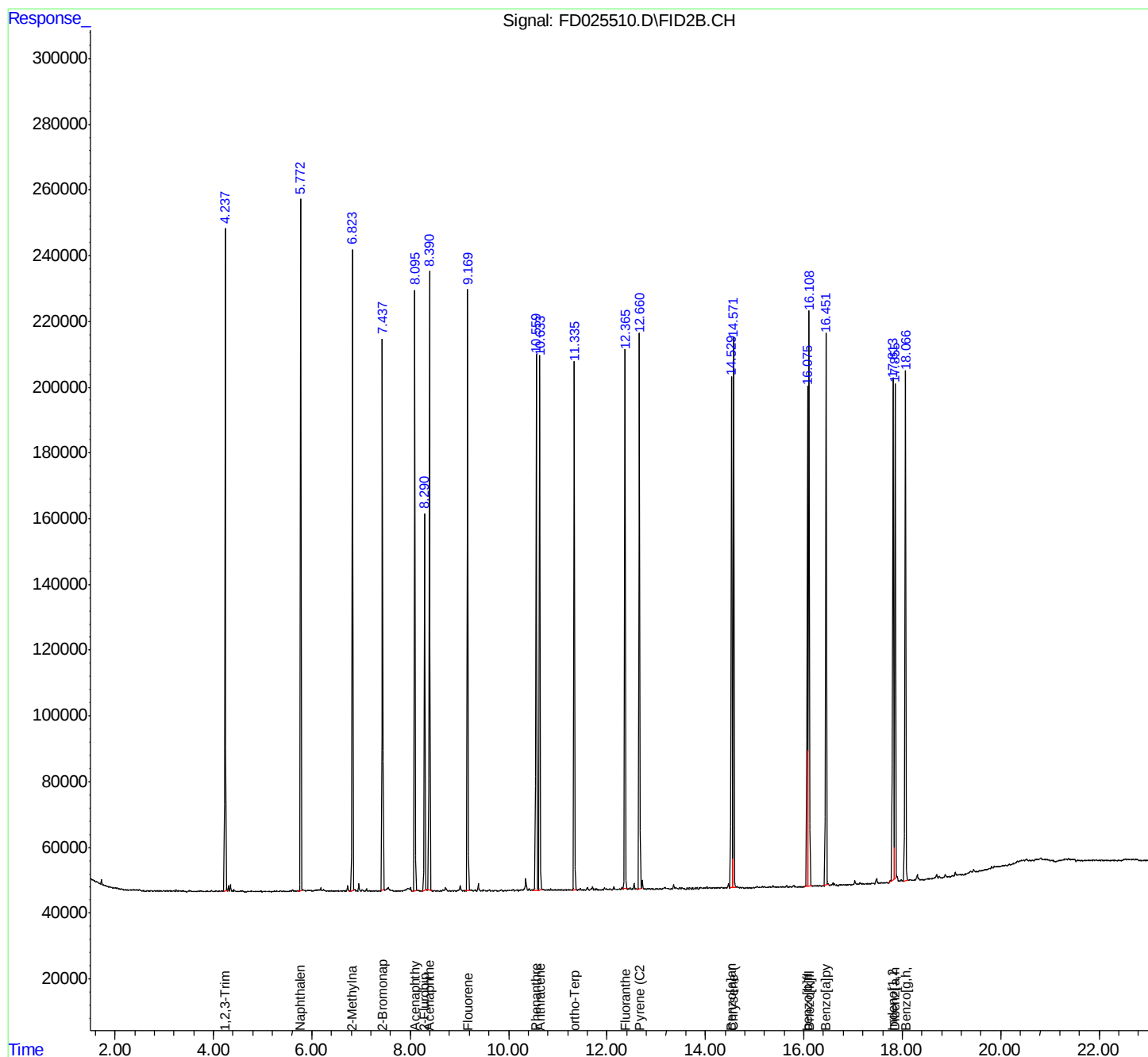
(f)=RT Delta > 1/2 Window

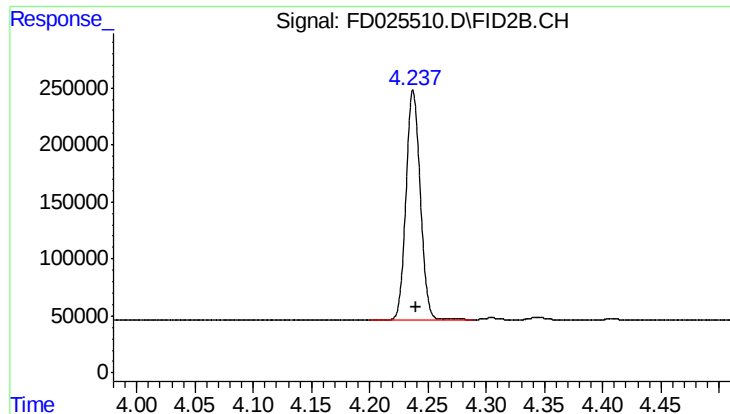
(m)=manual int.

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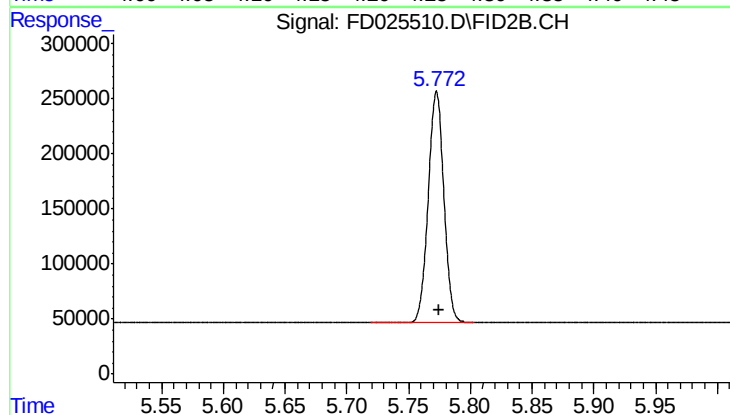
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Signal Info : 20M x 0.18mm x 0.18µm





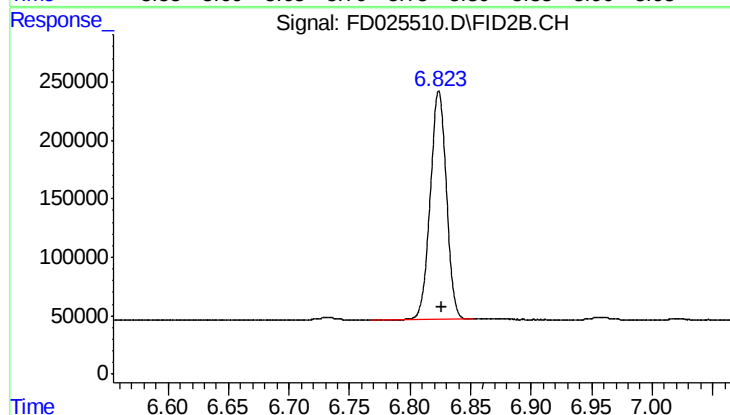
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.003 min
Response: 1713446
Conc: 21.81 ug/ml



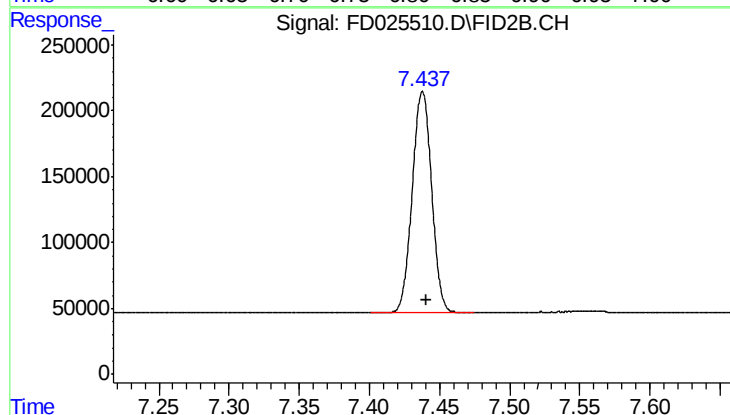
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 1844708
Conc: 21.09 ug/ml



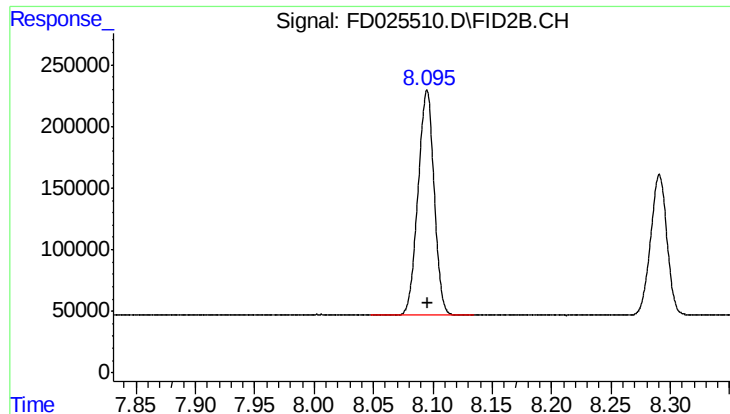
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 1814380
Conc: 20.46 ug/ml



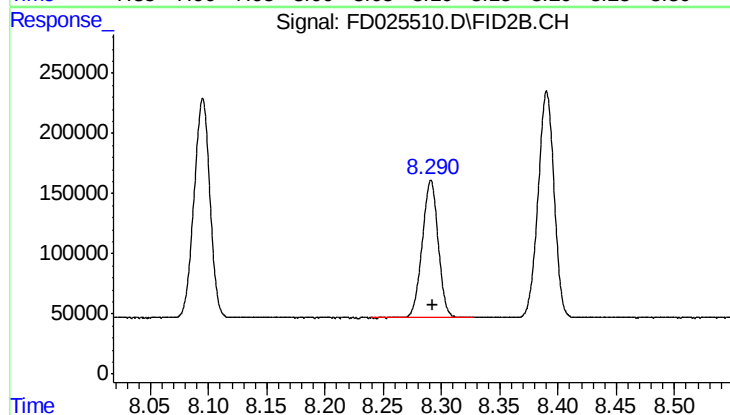
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.002 min
Response: 1616118
Conc: 20.05 ug/ml



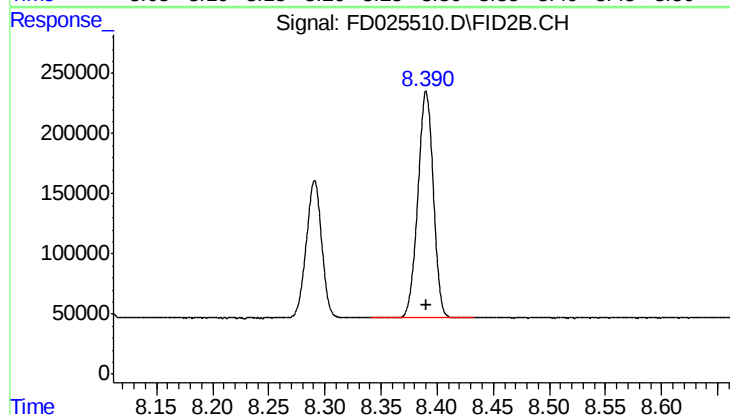
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 1727451
Conc: 19.38 ug/ml



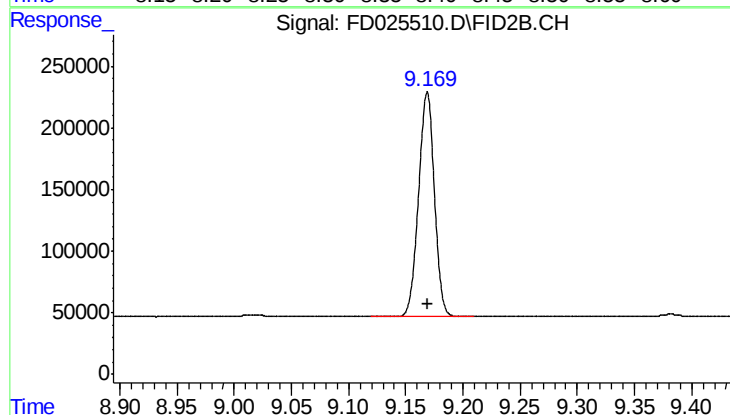
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: -0.001 min
Response: 1088082
Conc: 19.16 ug/ml



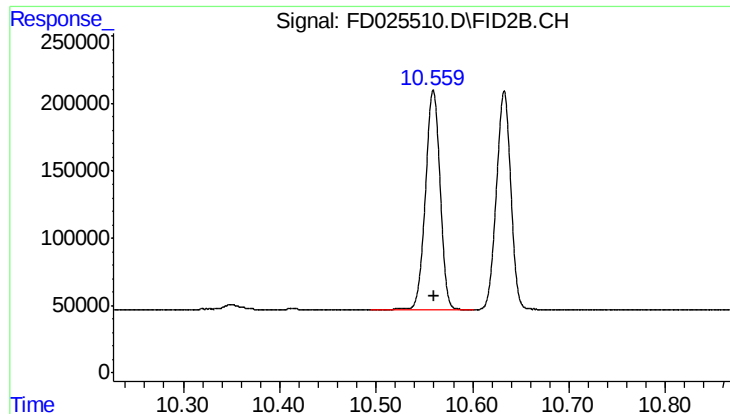
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: 0.000 min
Response: 1800763
Conc: 19.25 ug/ml



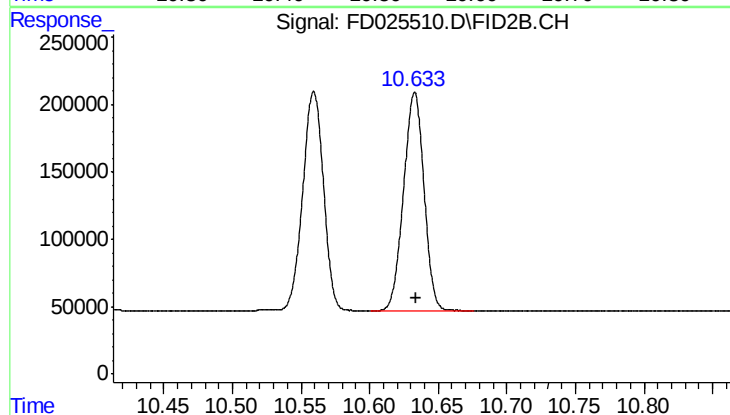
#8 Fluorene (C16.55)

R.T.: 9.169 min
Delta R.T.: 0.000 min
Response: 1755920
Conc: 18.35 ug/ml



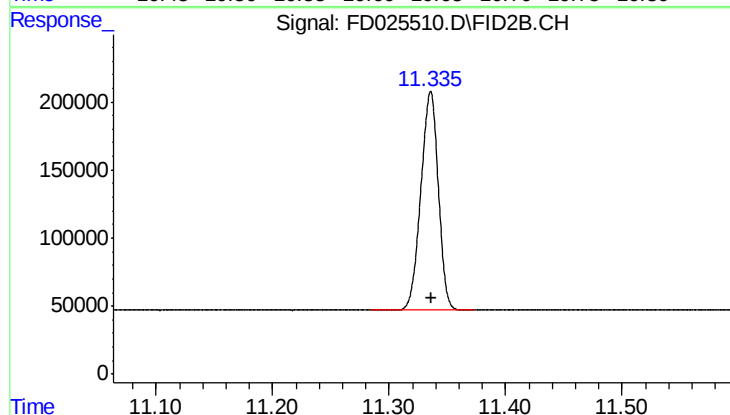
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: 0.000 min
Response: 1724738
Conc: 17.86 ug/ml



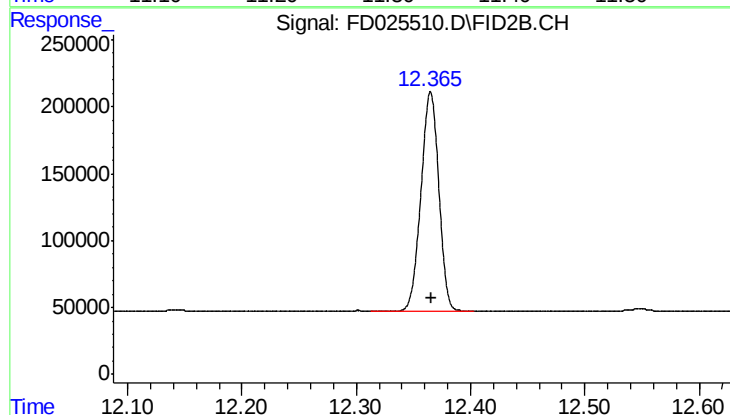
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: 0.000 min
Response: 1682149
Conc: 17.73 ug/ml



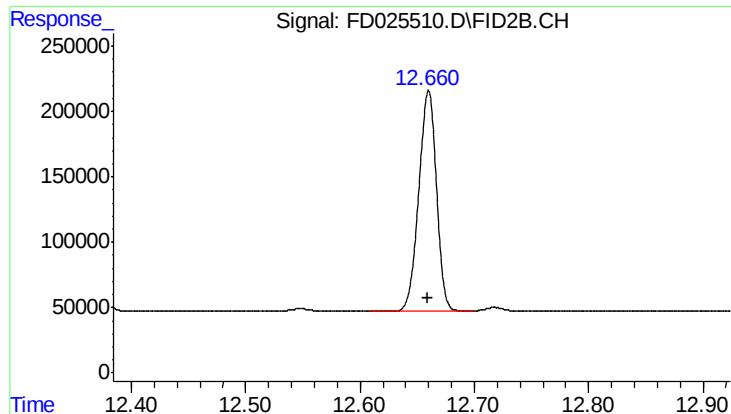
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 1676152
Conc: 17.88 ug/ml



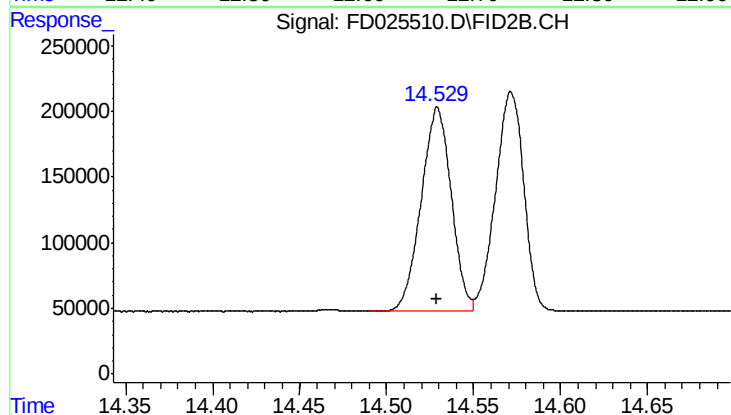
#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 1774326
Conc: 18.50 ug/ml



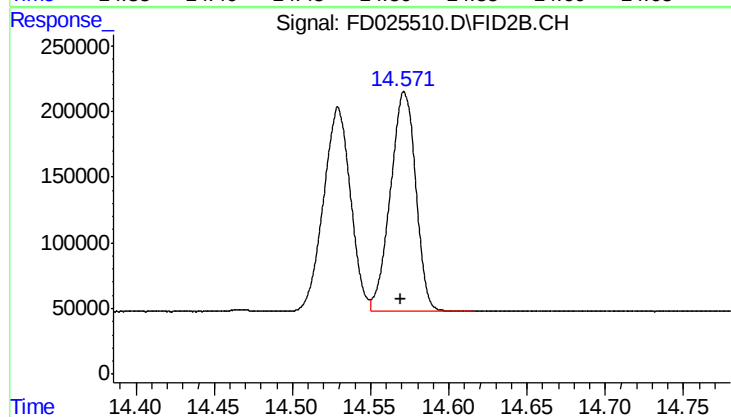
#13 Pyrene (C20.8)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 1806449
Conc: 18.88 ug/ml



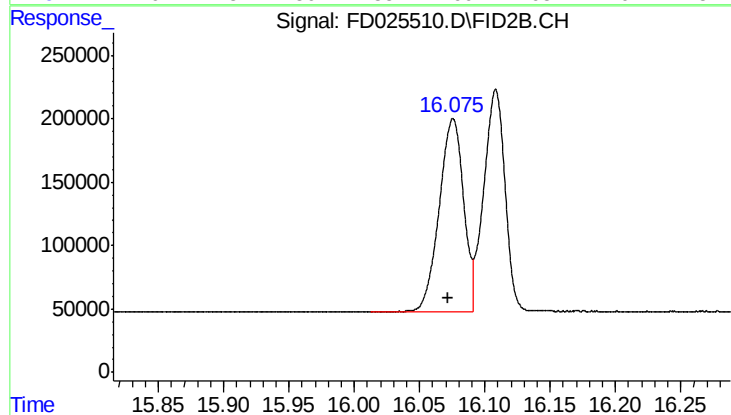
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: 0.000 min
Response: 1872548
Conc: 20.92 ug/ml



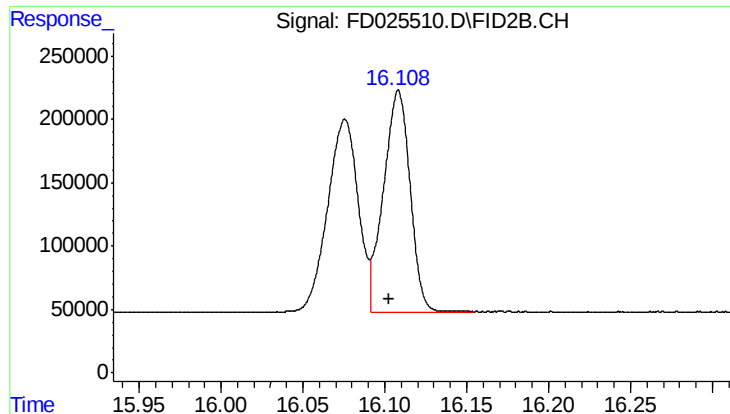
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: 0.002 min
Response: 1888255
Conc: 21.05 ug/ml



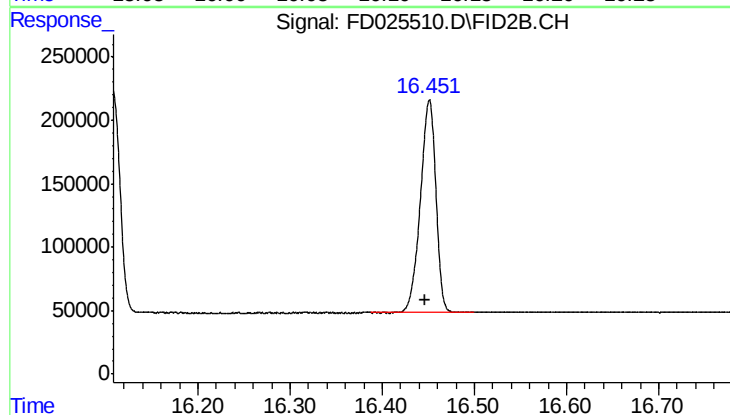
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: 0.003 min
Response: 1967572
Conc: 20.59 ug/ml



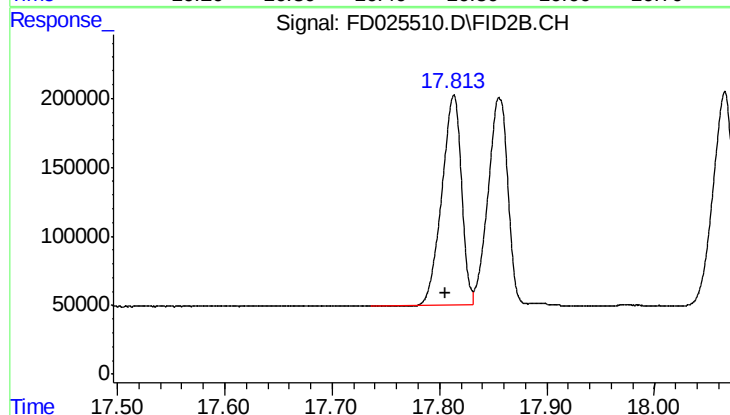
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: 0.006 min
Response: 1976143
Conc: 20.41 ug/ml



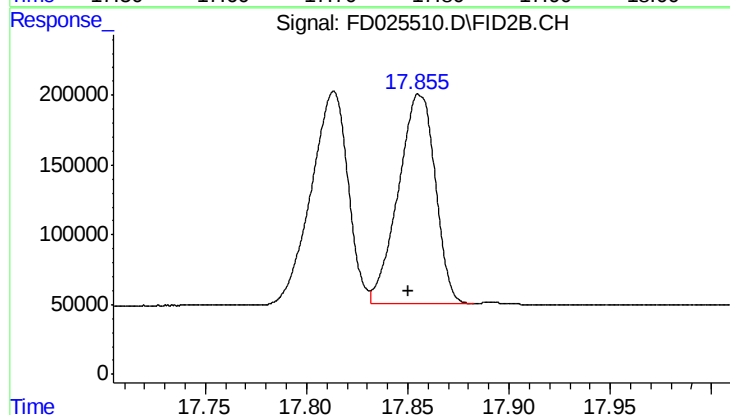
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.004 min
Response: 1962572
Conc: 20.17 ug/ml



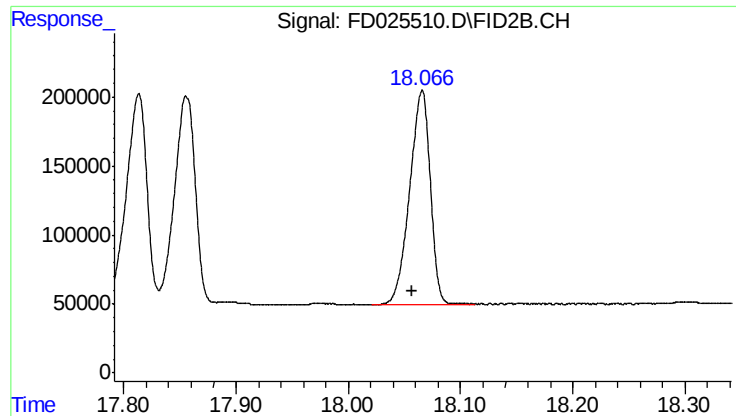
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min
Delta R.T.: 0.008 min
Response: 1936886
Conc: 18.89 ug/ml



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

R.T.: 17.856 min
Delta R.T.: 0.006 min
Response: 1910982
Conc: 18.97 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.008 min
Response: 1972012
Conc: 19.06 ug/ml