

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071718AR\
 Data File : FD025074.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jul 2018 14:56
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 03:20:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.472	2035592	22.252 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
6) S 2-Fluorobiphenyl (SURR)	8.327	1277988	20.150 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.377	1922687	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	2211583	23.796 ug/ml
2) T Naphthalene (C11.7)	5.805	2369740	23.353 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	2289856	22.522 ug/ml
5) T Acenaphthylene (C15.06)	8.132	2050519	20.536 ug/ml
7) T Acenaphthene (C15.5)	8.428	2132583	20.415 ug/ml
8) T Fluorene (C16.55)	9.208	2032431	19.452 ug/ml
9) T Phenanthrene (C19.36)	10.602	1944269	18.910 ug/ml
10) T Anthracene (C19.43)	10.675	1923221	18.864 ug/ml
12) T Fluoranthene (C21.85)	12.412	2008169	20.140 ug/ml
13) T Pyrene (C20.8)	12.707	2030808	20.423 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.580	2062108	21.965 ug/ml
15) T Chrysene (C27.41)	14.623	2073528	21.918 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.129	2127970	20.578 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.161	2140596	20.285 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.505	2116433	20.366 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.870	2065369	19.377 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.911	2130615	20.371 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.122	2066818	19.459 ug/ml

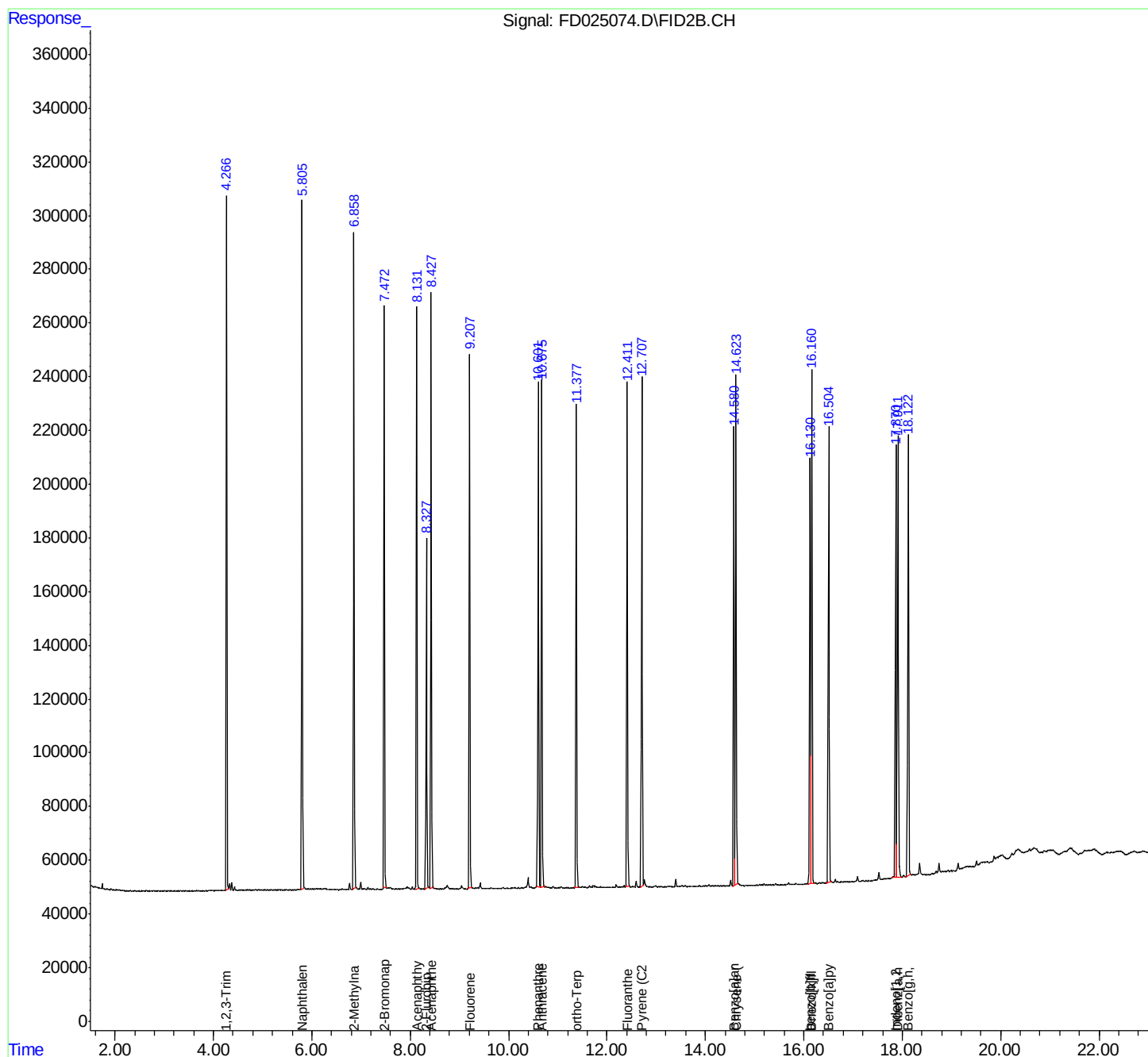
(f)=RT Delta > 1/2 Window

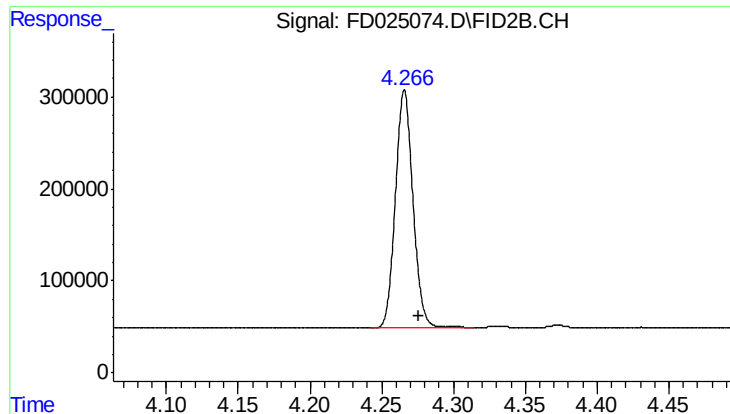
(m)=manual int.

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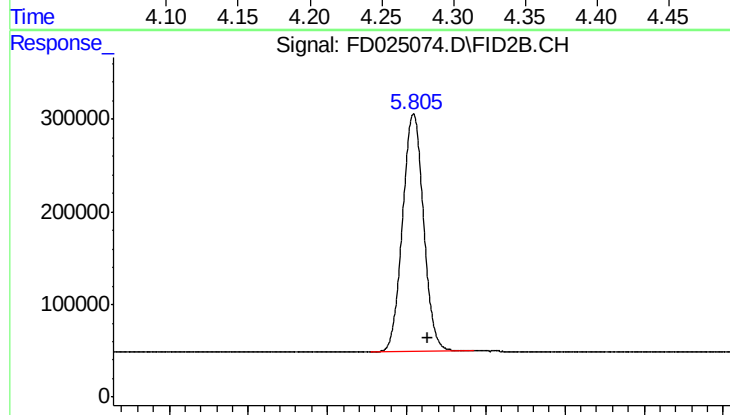
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





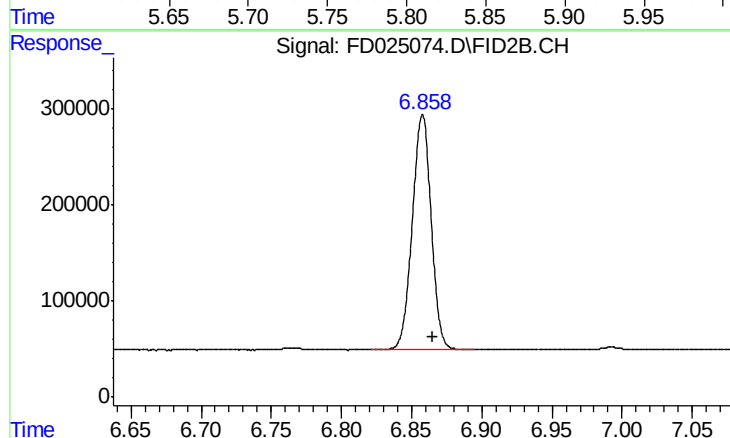
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.266 min
Delta R.T.: -0.010 min
Response: 2211583
Conc: 23.80 ug/ml



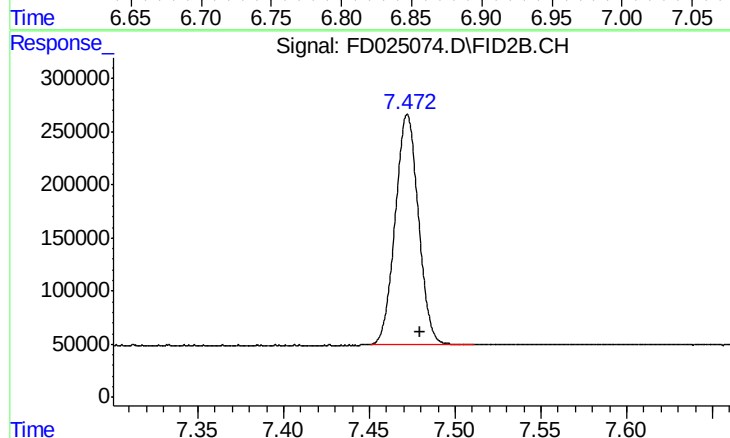
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.009 min
Response: 2369740
Conc: 23.35 ug/ml



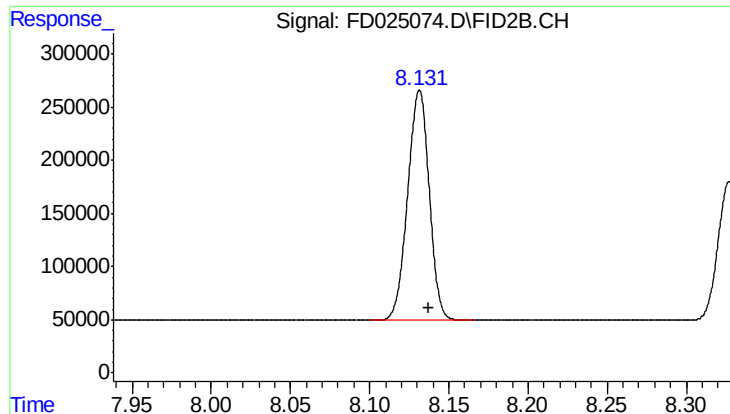
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.008 min
Response: 2289856
Conc: 22.52 ug/ml



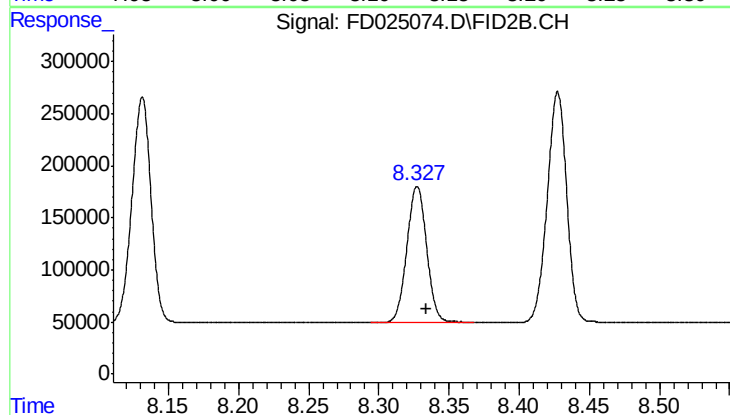
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 2035592
Conc: 22.25 ug/ml



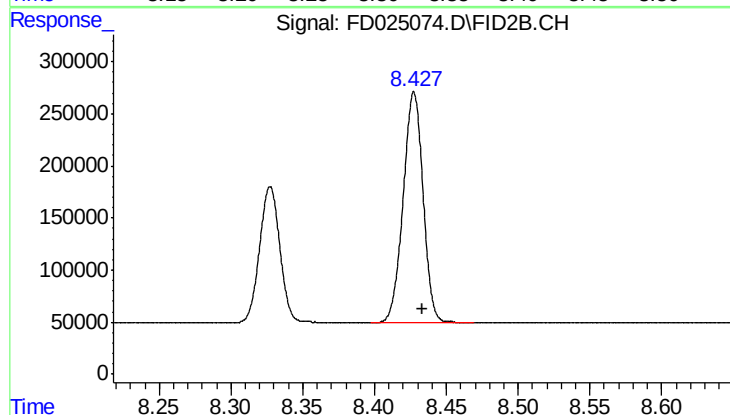
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 2050519
Conc: 20.54 ug/ml



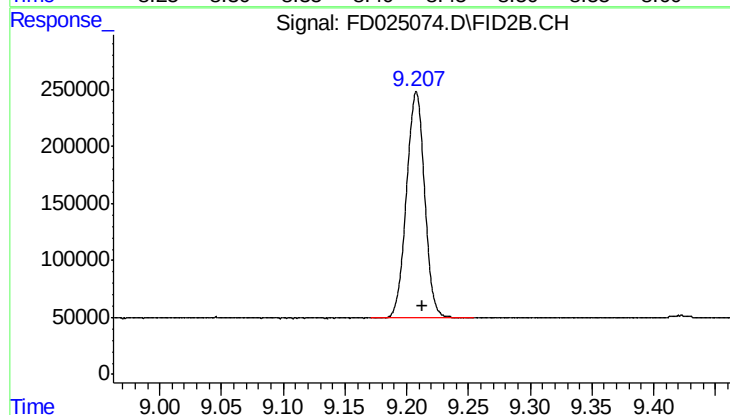
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 1277988
Conc: 20.15 ug/ml



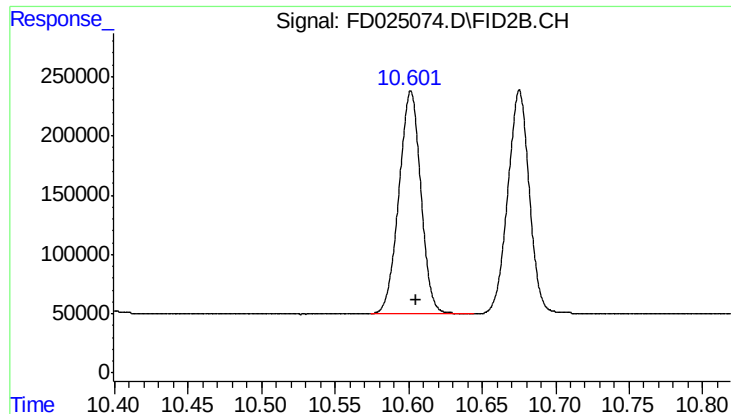
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.006 min
Response: 2132583
Conc: 20.42 ug/ml



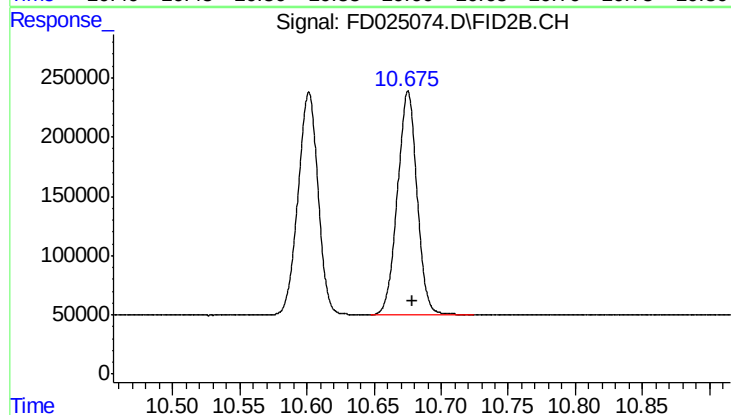
#8 Fluorene (C16.55)

R.T.: 9.208 min
Delta R.T.: -0.005 min
Response: 2032431
Conc: 19.45 ug/ml



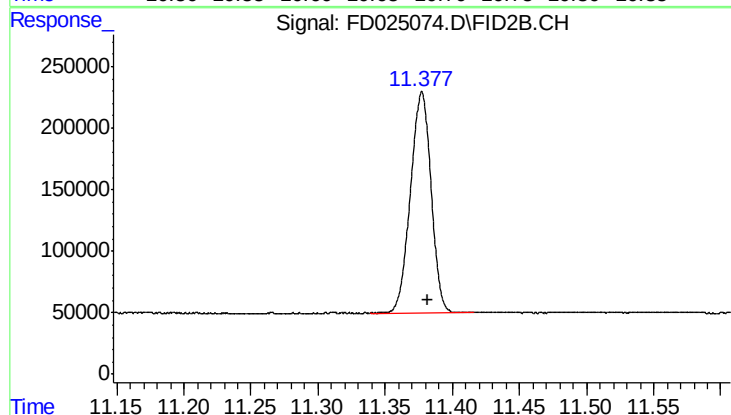
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.004 min
Response: 1944269
Conc: 18.91 ug/ml



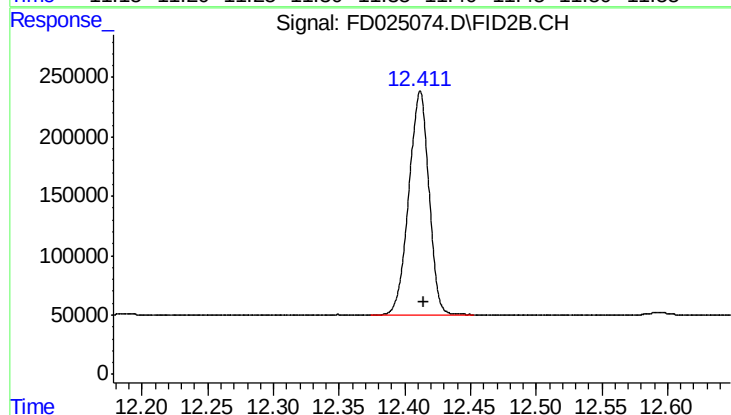
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.004 min
Response: 1923221
Conc: 18.86 ug/ml



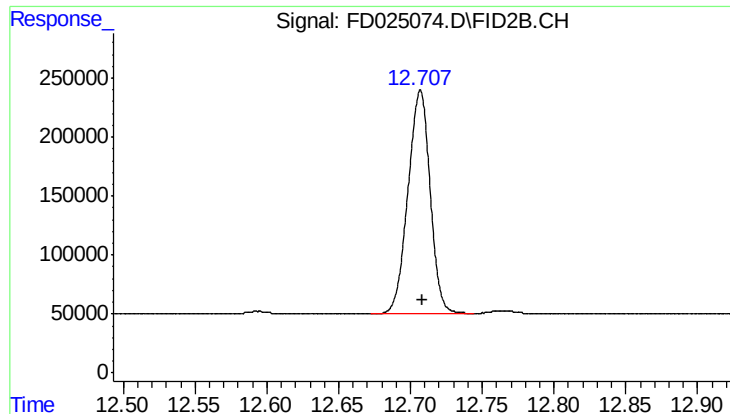
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.004 min
Response: 1922687
Conc: 19.16 ug/ml



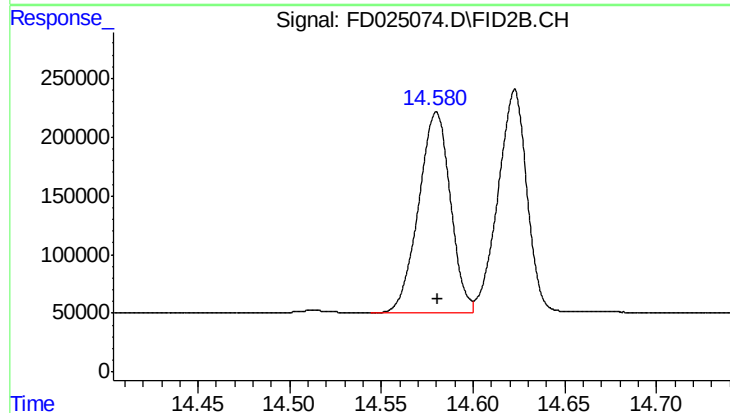
#12 Fluoranthene (C21.85)

R.T.: 12.412 min
Delta R.T.: -0.002 min
Response: 2008169
Conc: 20.14 ug/ml



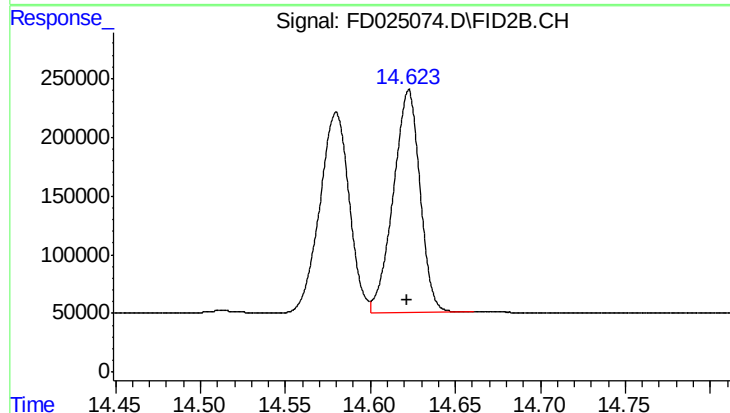
#13 Pyrene (C20.8)

R.T.: 12.707 min
Delta R.T.: -0.002 min
Response: 2030808
Conc: 20.42 ug/ml



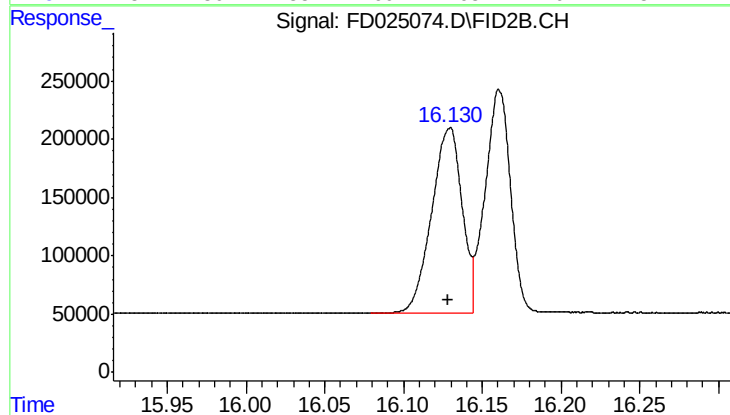
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: 0.000 min
Response: 2062108
Conc: 21.97 ug/ml



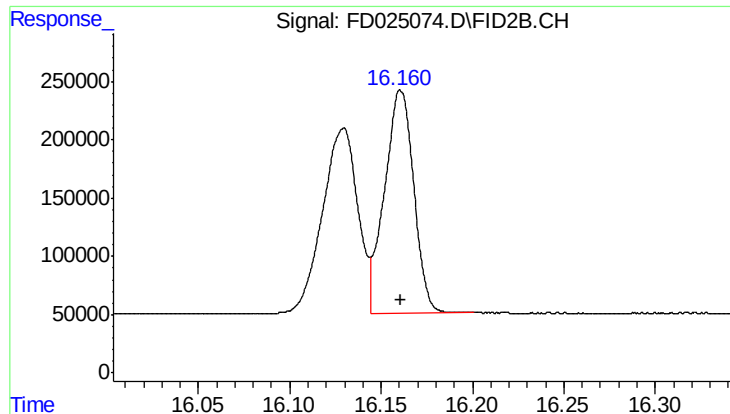
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.001 min
Response: 2073528
Conc: 21.92 ug/ml



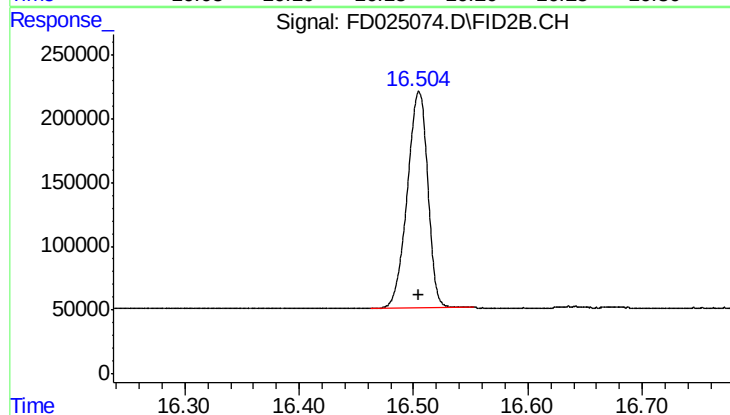
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.129 min
Delta R.T.: 0.001 min
Response: 2127970
Conc: 20.58 ug/ml



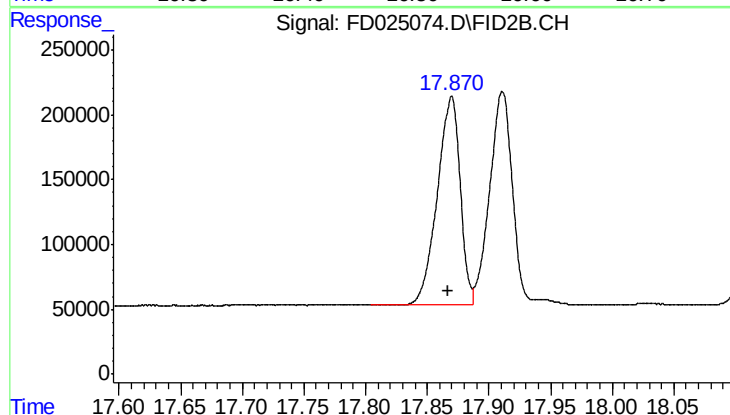
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 2140596
Conc: 20.29 ug/ml



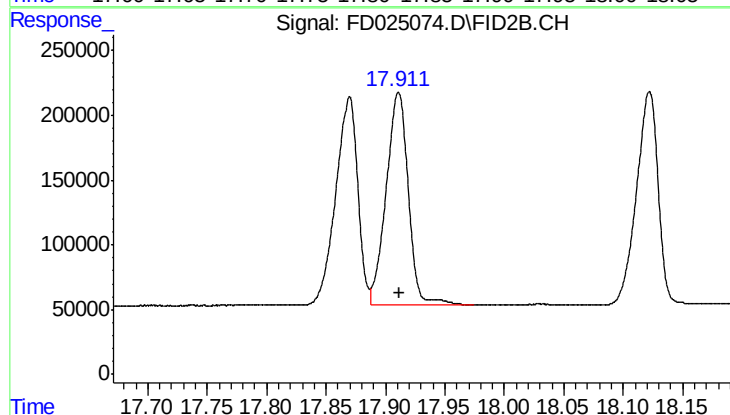
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.000 min
Response: 2116433
Conc: 20.37 ug/ml



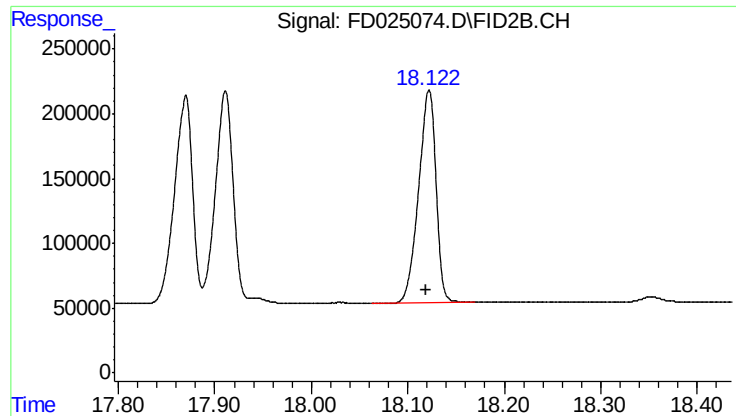
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: 0.003 min
Response: 2065369
Conc: 19.38 ug/ml



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

R.T.: 17.911 min
Delta R.T.: 0.000 min
Response: 2130615
Conc: 20.37 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.003 min
Response: 2066818
Conc: 19.46 ug/ml