

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062619AR\
 Data File : FD029550.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2019 22:38
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 27 04:24:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 2019
 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...	7.711	2364130	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.575	1578441	19.913 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.83%
11) S ortho-Terphenyl (SURR)	11.611	2419449	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.509	2595880	21.248 ug/ml
2) T Naphthalene (C11.7)	6.052	2710862	20.802 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2643616	20.479 ug/ml
5) T Acenaphthylene (C15.06)	8.379	2501113	19.783 ug/ml
7) T Acenaphthene (C15.5)	8.674	2605846	19.970 ug/ml
8) T Fluorene (C16.55)	9.454	2548365	19.584 ug/ml
9) T Phenanthrene (C19.36)	10.848	2481040	18.908 ug/ml
10) T Anthracene (C19.43)	10.923	2419493	18.721 ug/ml
12) T Fluoranthene (C21.85)	12.657	2410828	18.331 ug/ml
13) T Pyrene (C20.8)	12.955	2398586	18.214 ug/ml
14) T Benzo[a]anthracene (C...	14.819	2225051	17.694 ug/ml
15) T Chrysene (C27.41)	14.863	2241002	17.772 ug/ml
16) T benzo[b]fluoranthene ...	16.365	2256109	18.217 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	2215466	17.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	2215792	18.112 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	2185440	18.523 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	2188249	18.904 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2185271	18.824 ug/ml

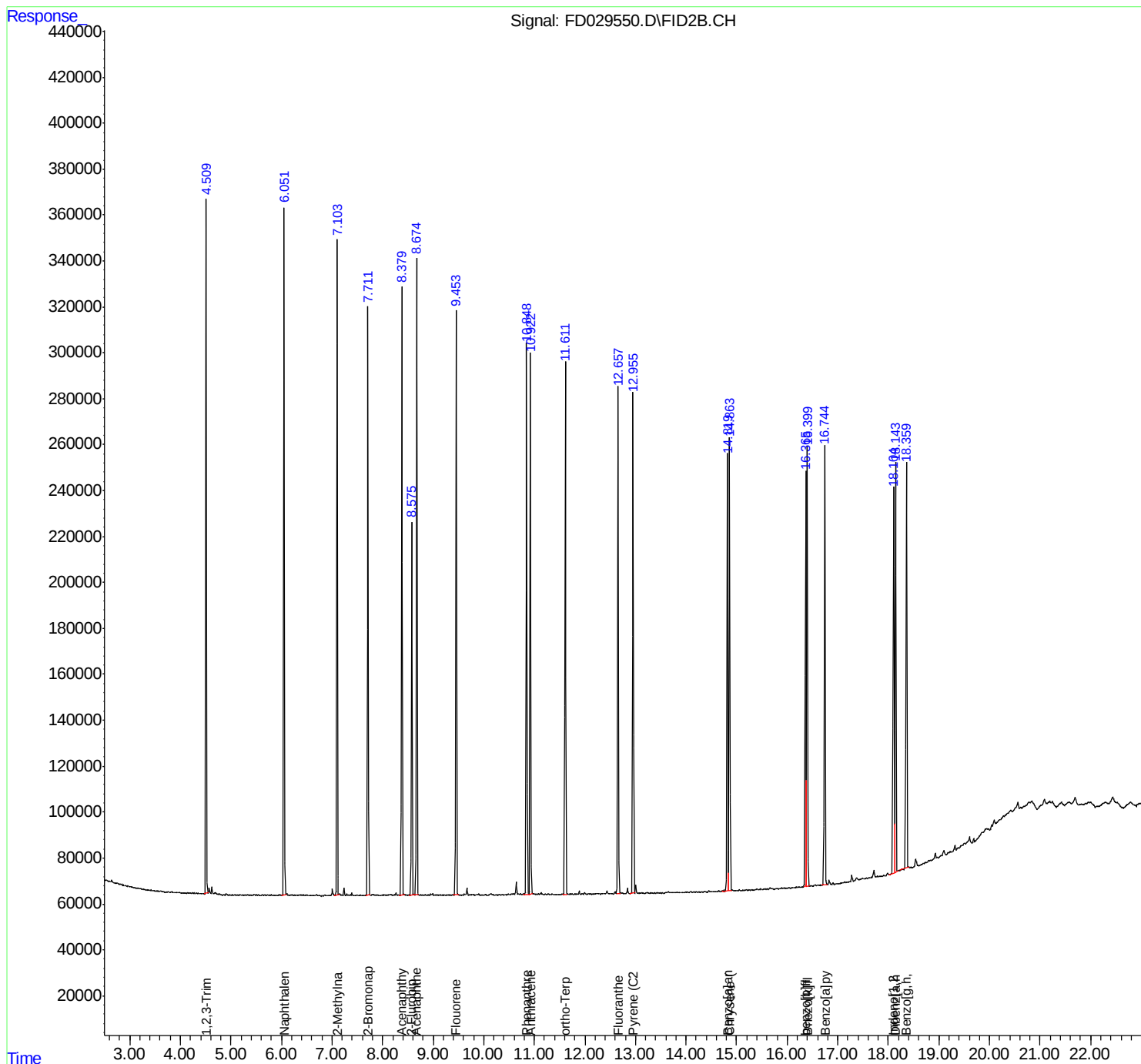
(f)=RT Delta > 1/2 Window

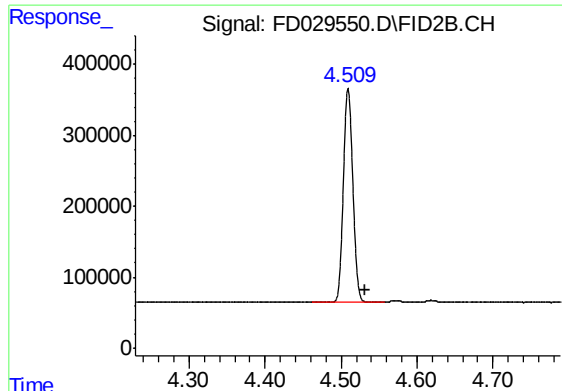
(m)=manual int.

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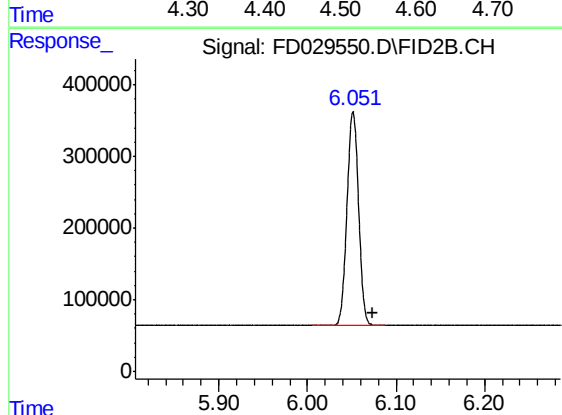
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





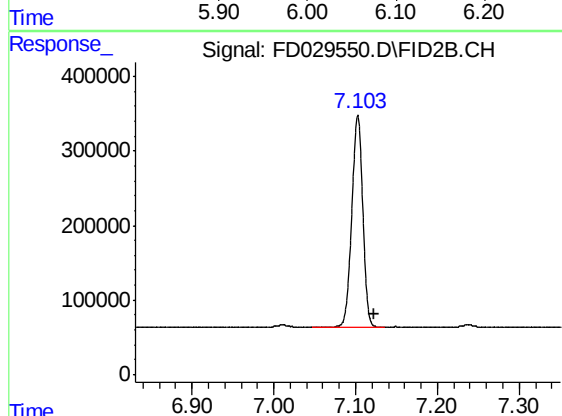
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.509 min
Delta R.T.: -0.022 min
Response: 2595880
Conc: 21.25 ug/ml



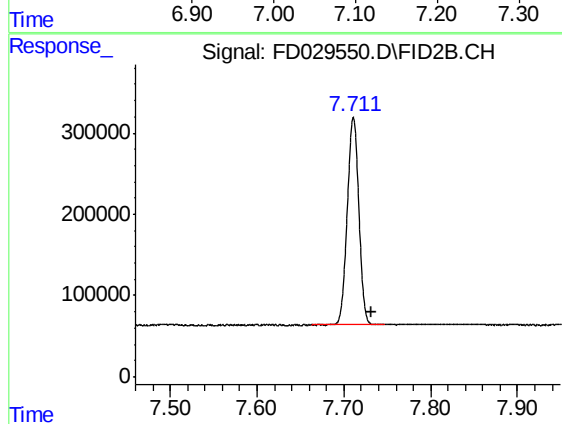
#2 Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.022 min
Response: 2710862
Conc: 20.80 ug/ml



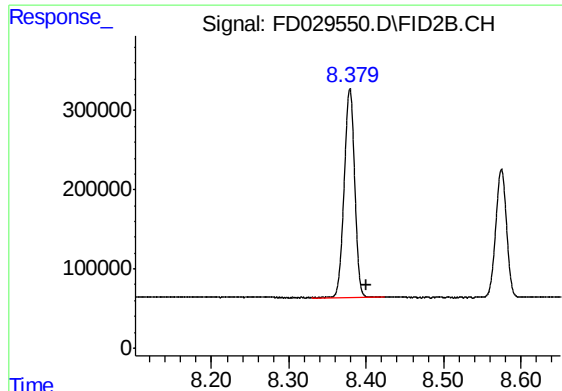
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.021 min
Response: 2643616
Conc: 20.48 ug/ml



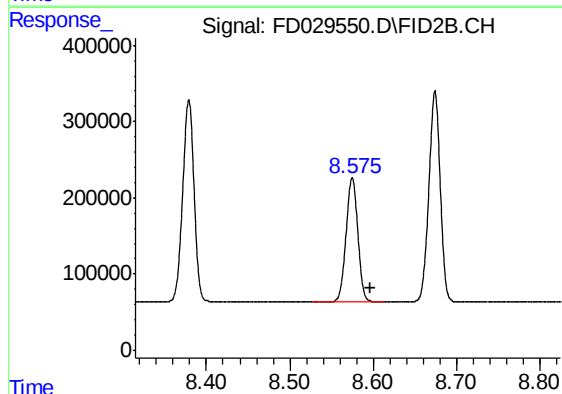
#4 2-Bromonaphthalene (SURR)

R.T.: 7.711 min
Delta R.T.: -0.021 min
Response: 2364130
Conc: 20.35 ug/ml



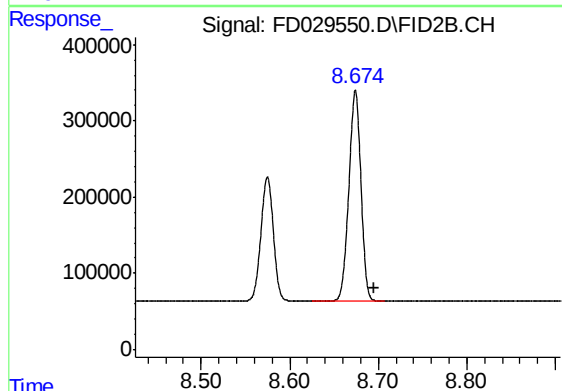
#5 Acenaphthylene (C15.06)

R.T.: 8.379 min
Delta R.T.: -0.021 min
Response: 2501113
Conc: 19.78 ug/ml



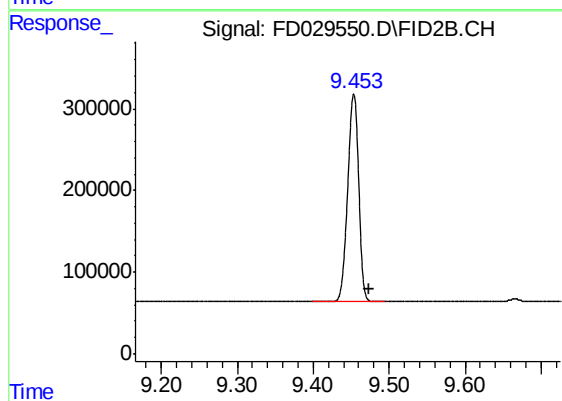
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.575 min
Delta R.T.: -0.021 min
Response: 1578441
Conc: 19.91 ug/ml



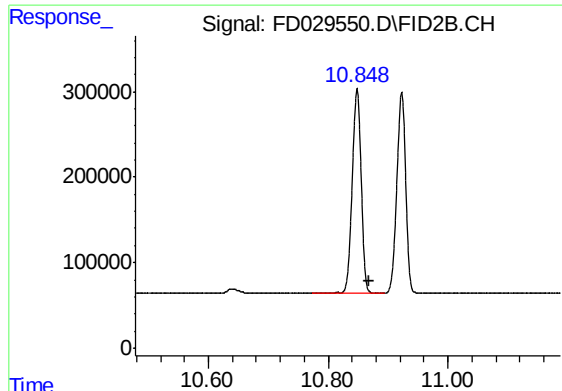
#7 Acenaphthene (C15.5)

R.T.: 8.674 min
Delta R.T.: -0.021 min
Response: 2605846
Conc: 19.97 ug/ml



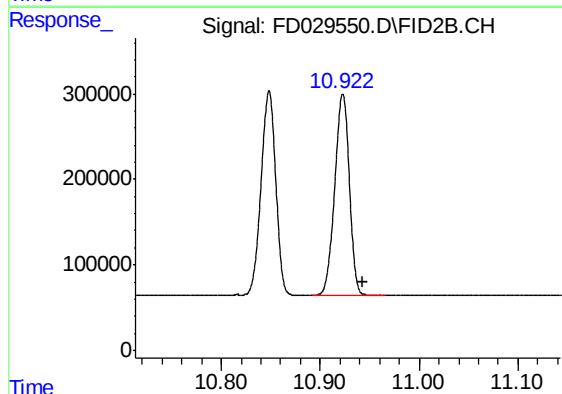
#8 Fluorene (C16.55)

R.T.: 9.454 min
Delta R.T.: -0.020 min
Response: 2548365
Conc: 19.58 ug/ml



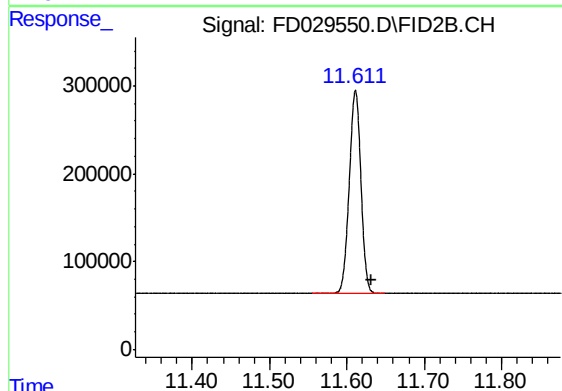
#9 Phenanthrene (C19.36)

R.T.: 10.848 min
Delta R.T.: -0.021 min
Response: 2481040
Conc: 18.91 ug/ml



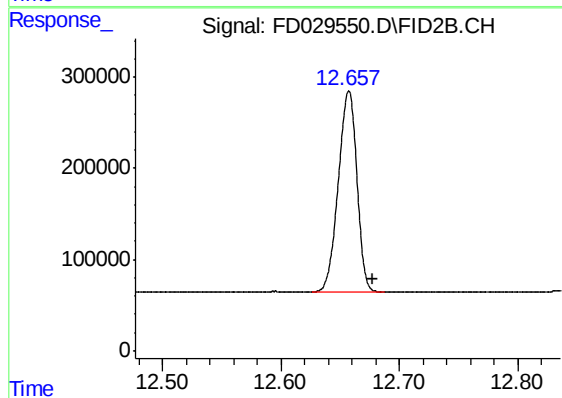
#10 Anthracene (C19.43)

R.T.: 10.923 min
Delta R.T.: -0.020 min
Response: 2419493
Conc: 18.72 ug/ml



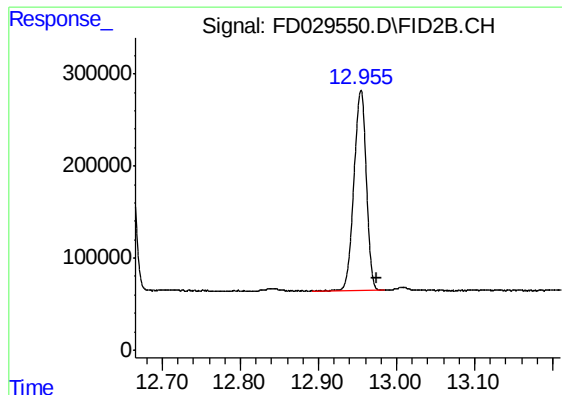
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.021 min
Response: 2419449
Conc: 18.85 ug/ml



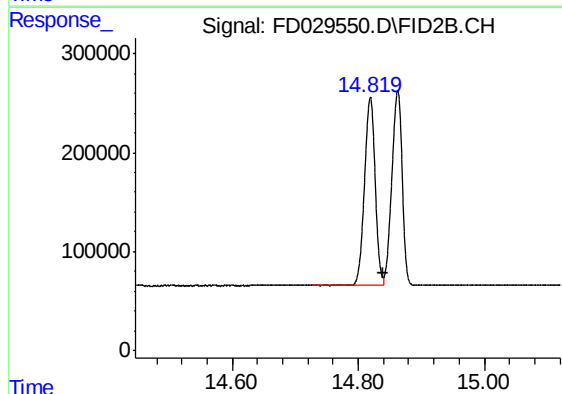
#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.020 min
Response: 2410828
Conc: 18.33 ug/ml m



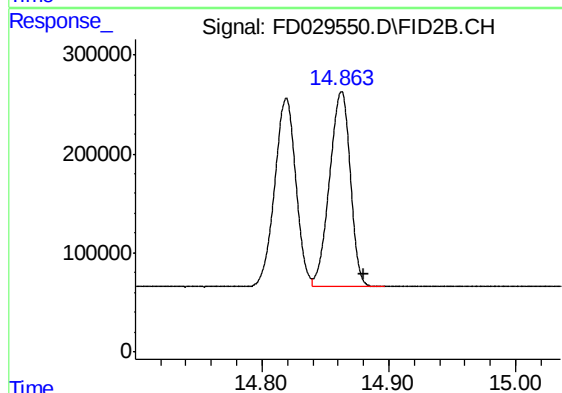
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.020 min
Response: 2398586
Conc: 18.21 ug/ml



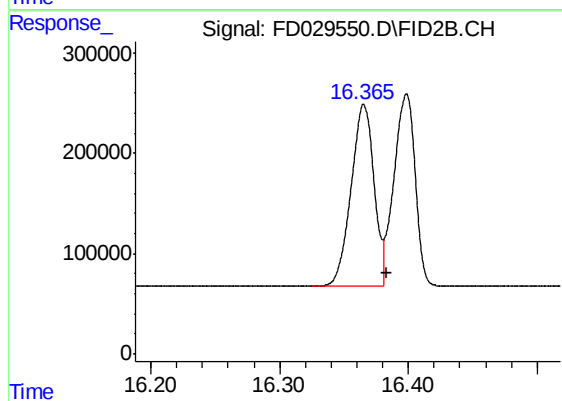
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.819 min
Delta R.T.: -0.019 min
Response: 2225051
Conc: 17.69 ug/ml



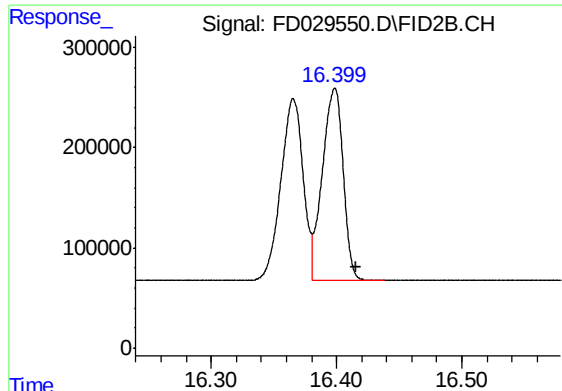
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: -0.018 min
Response: 2241002
Conc: 17.77 ug/ml



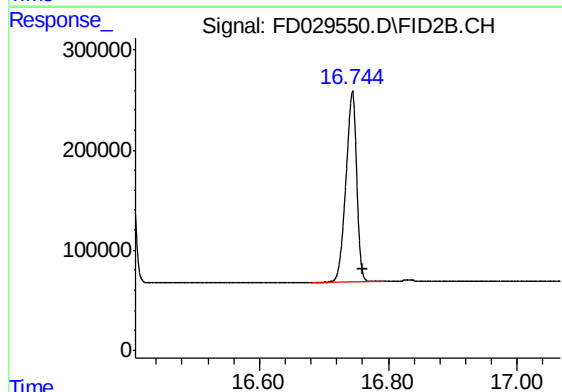
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.365 min
Delta R.T.: -0.019 min
Response: 2256109
Conc: 18.22 ug/ml m



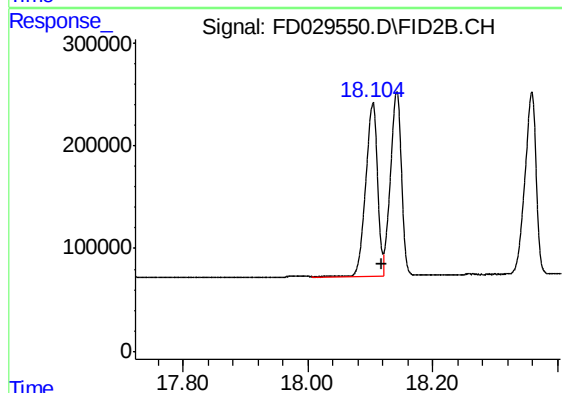
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.399 min
Delta R.T.: -0.017 min
Response: 2215466
Conc: 17.99 ug/ml



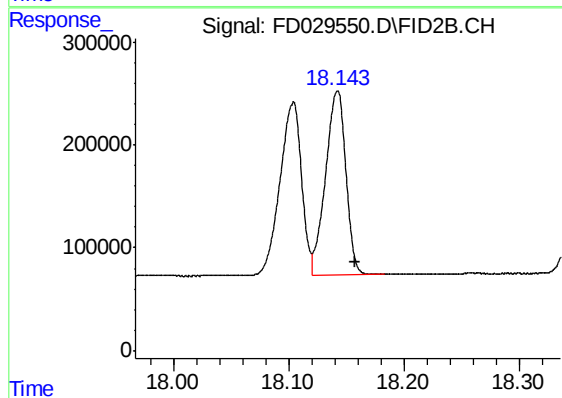
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.016 min
Response: 2215792
Conc: 18.11 ug/ml



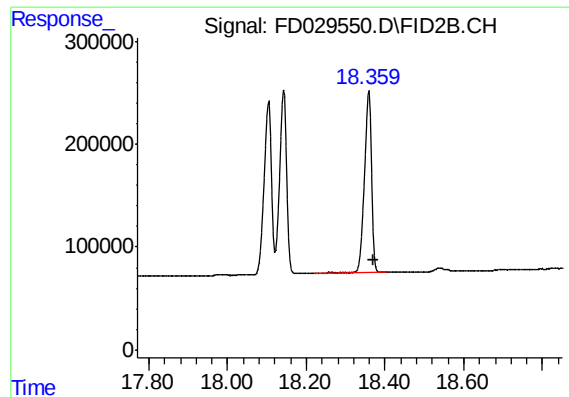
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: -0.013 min
Response: 2185440
Conc: 18.52 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.015 min
Response: 2188249
Conc: 18.90 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.013 min
Response: 2185271
Conc: 18.82 ug/ml