

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062519AR\
 Data File : FD029514.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2019 11:46
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 13:11:38 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...	7.715	2437560	20.980 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
6) S 2-Fluorobiphenyl (SURR)	8.580	1623518	20.482 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.96%
11) S ortho-Terphenyl (SURR)	11.616	2486513	19.376 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.514	2703858	22.132 ug/ml
2) T Naphthalene (C11.7)	6.056	2820502	21.643 ug/ml
3) T 2-Methylnaphthalene (...)	7.107	2738537	21.215 ug/ml
5) T Acenaphthylene (C15.06)	8.383	2570440	20.331 ug/ml
7) T Acenaphthene (C15.5)	8.679	2679959	20.538 ug/ml
8) T Fluorene (C16.55)	9.458	2609268	20.052 ug/ml
9) T Phenanthrene (C19.36)	10.853	2542965	19.380 ug/ml
10) T Anthracene (C19.43)	10.927	2458823	19.025 ug/ml
12) T Fluoranthene (C21.85)	12.662	2360254	17.947 ug/ml
13) T Pyrene (C20.8)	12.958	2477301	18.812 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2327217	18.506 ug/ml
15) T Chrysene (C27.41)	14.866	2338175	18.543 ug/ml
16) T benzo[b]fluoranthene ...	16.369	2353050	19.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.401	2338397	18.985 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.747	2325109	19.006 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.107	2276514	19.295 ug/ml
20) T Dibenz[a,h]anthracene...	18.146	2266157	19.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.363	2283958	19.674 ug/ml

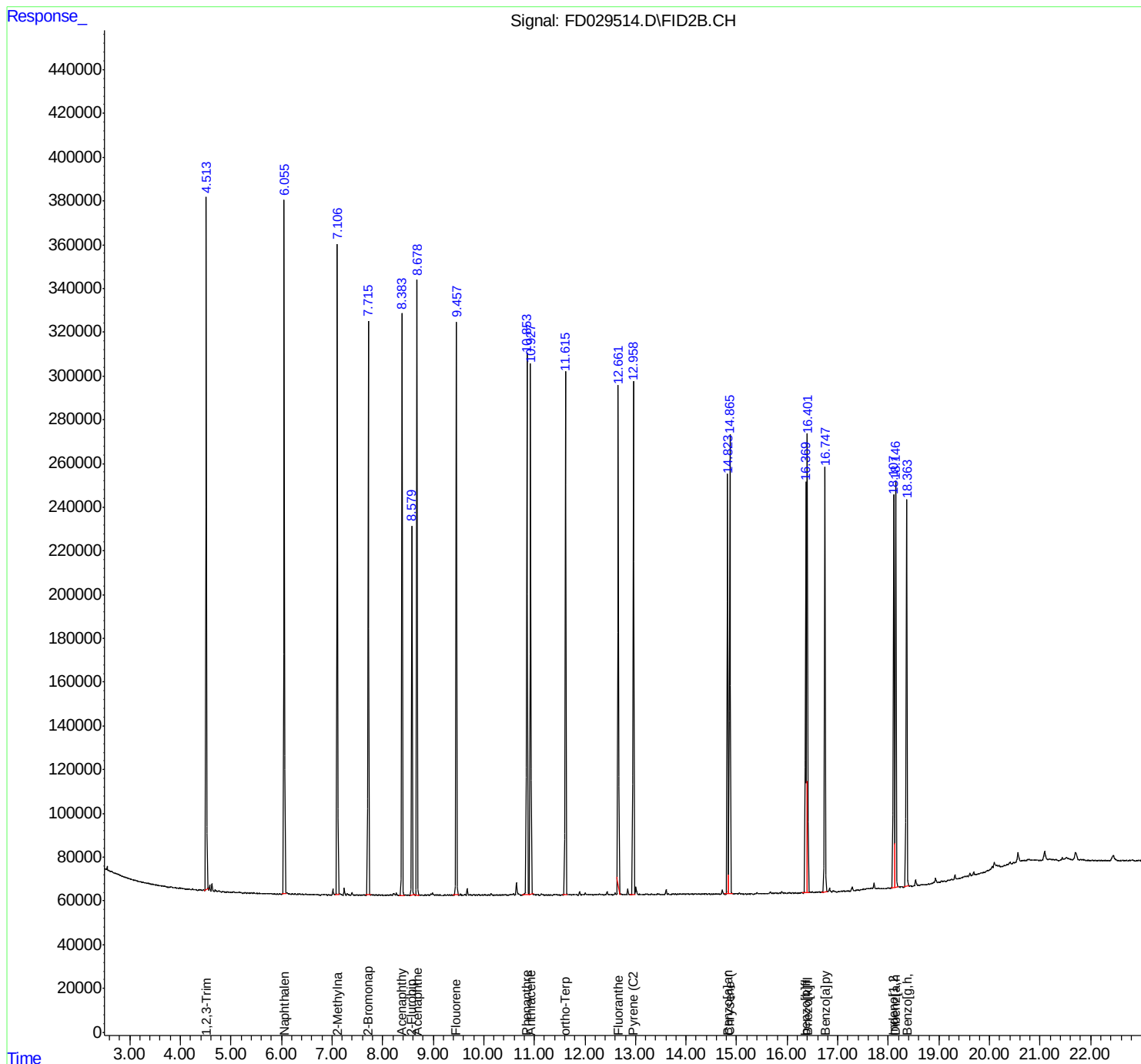
(f)=RT Delta > 1/2 Window

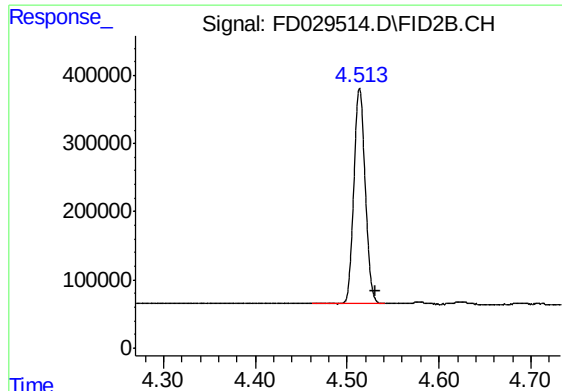
(m)=manual int.

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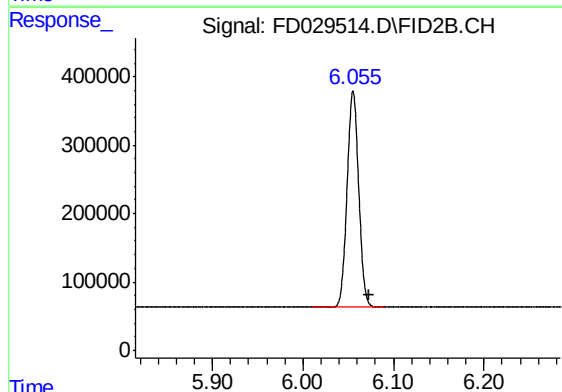
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





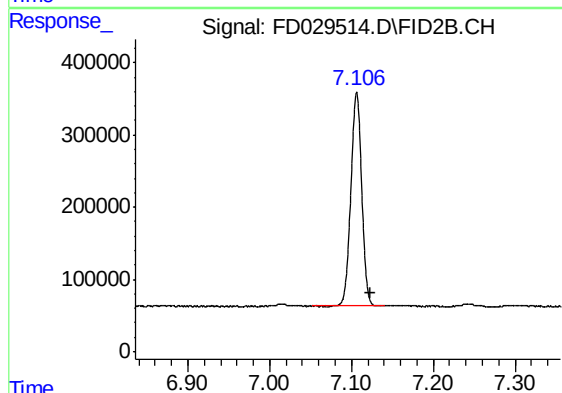
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.514 min
Delta R.T.: -0.017 min
Response: 2703858
Conc: 22.13 ug/ml



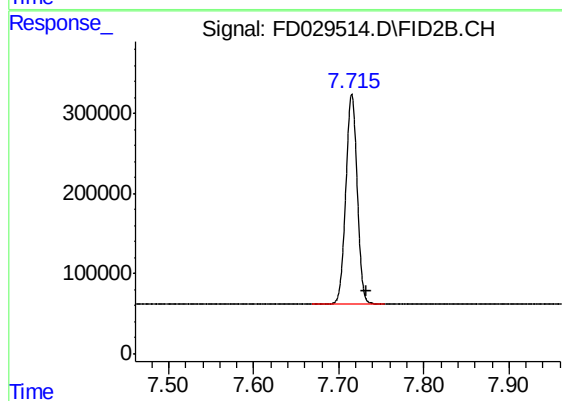
#2 Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: -0.018 min
Response: 2820502
Conc: 21.64 ug/ml



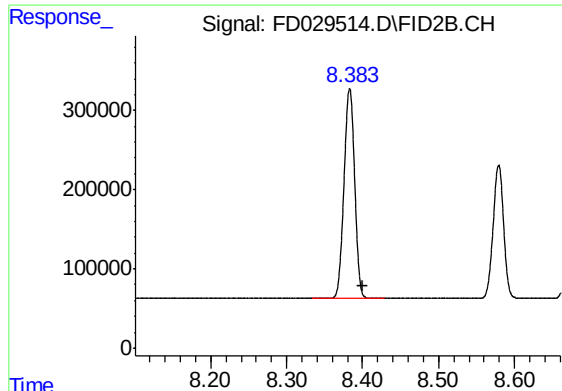
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.017 min
Response: 2738537
Conc: 21.21 ug/ml



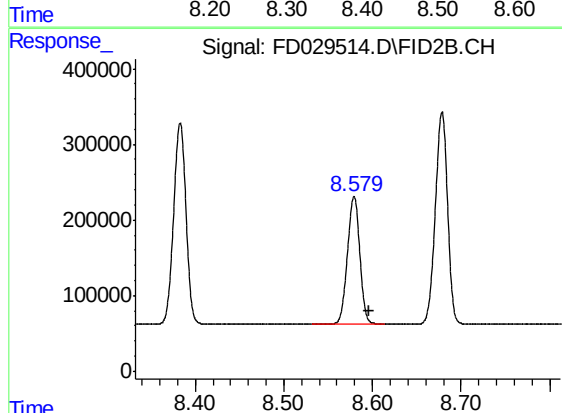
#4 2-Bromonaphthalene (SURR)

R.T.: 7.715 min
Delta R.T.: -0.017 min
Response: 2437560
Conc: 20.98 ug/ml



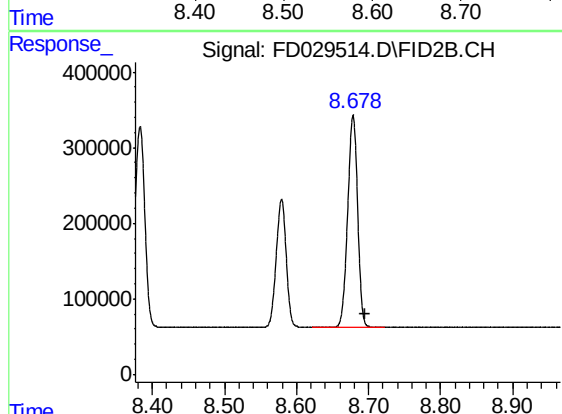
#5 Acenaphthylene (C15.06)

R.T.: 8.383 min
Delta R.T.: -0.017 min
Response: 2570440
Conc: 20.33 ug/ml



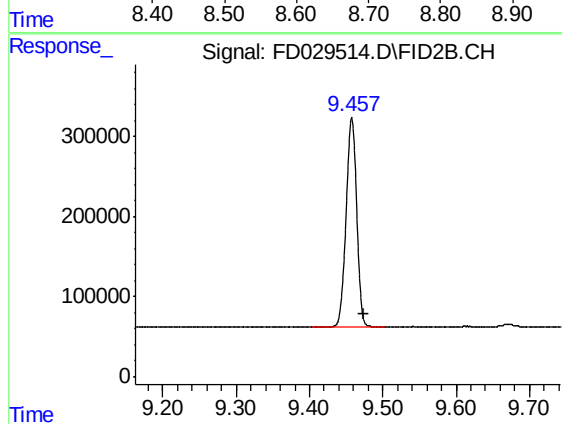
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.580 min
Delta R.T.: -0.017 min
Response: 1623518
Conc: 20.48 ug/ml



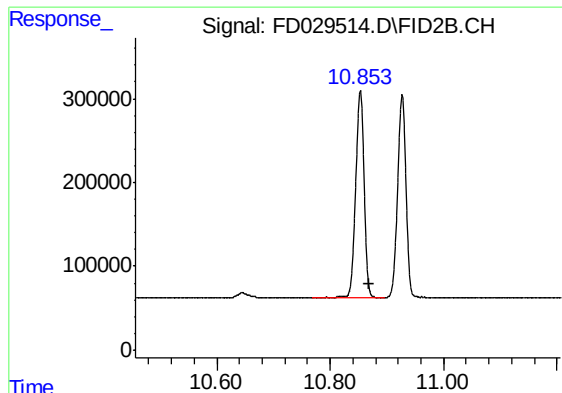
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: -0.016 min
Response: 2679959
Conc: 20.54 ug/ml



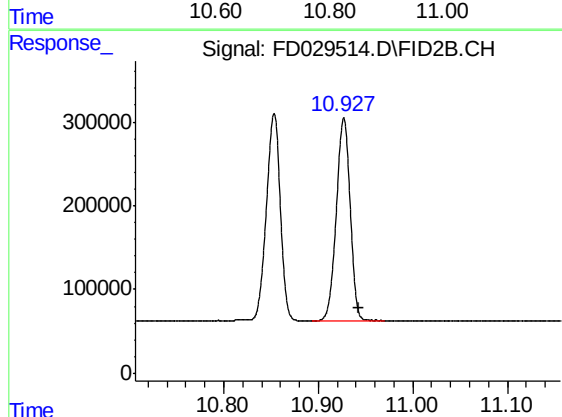
#8 Fluorene (C16.55)

R.T.: 9.458 min
Delta R.T.: -0.016 min
Response: 2609268
Conc: 20.05 ug/ml



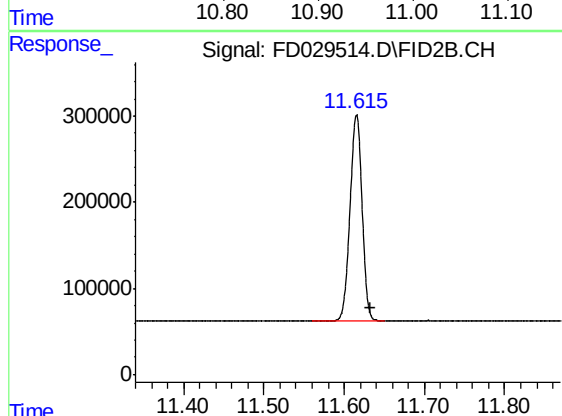
#9 Phenanthrene (C19.36)

R.T.: 10.853 min
Delta R.T.: -0.016 min
Response: 2542965
Conc: 19.38 ug/ml



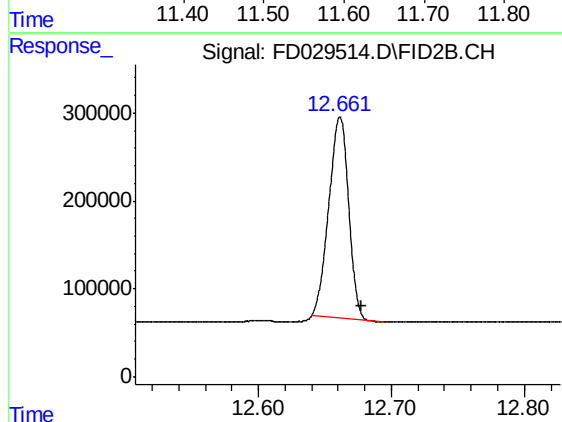
#10 Anthracene (C19.43)

R.T.: 10.927 min
Delta R.T.: -0.015 min
Response: 2458823
Conc: 19.03 ug/ml



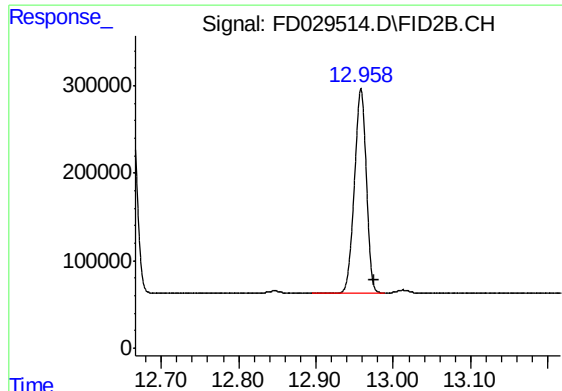
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: -0.016 min
Response: 2486513
Conc: 19.38 ug/ml



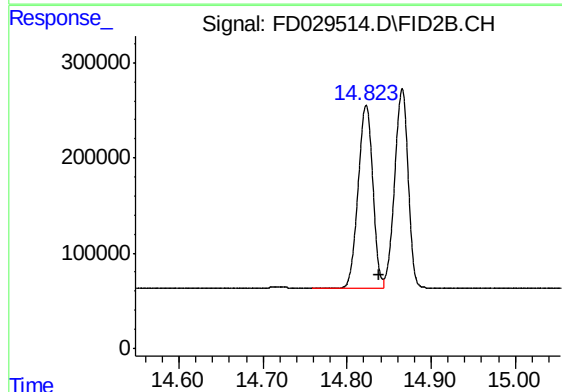
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: -0.016 min
Response: 2360254
Conc: 17.95 ug/ml



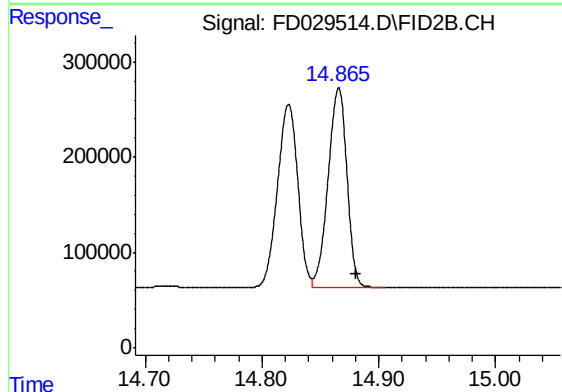
#13 Pyrene (C20.8)

R.T.: 12.958 min
Delta R.T.: -0.016 min
Response: 2477301
Conc: 18.81 ug/ml



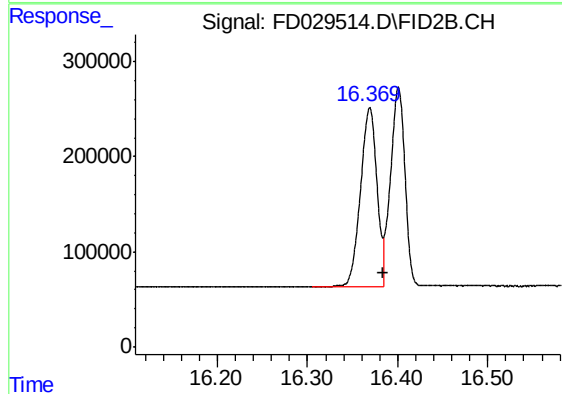
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: -0.016 min
Response: 2327217
Conc: 18.51 ug/ml



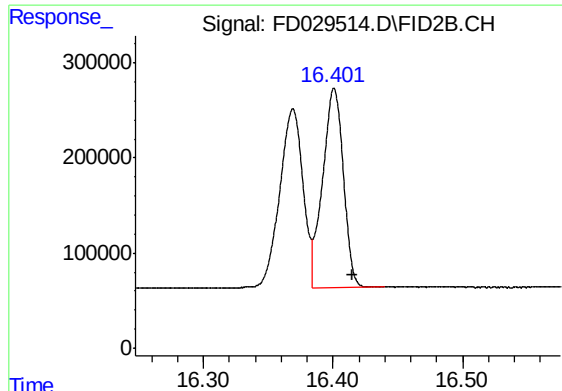
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.015 min
Response: 2338175
Conc: 18.54 ug/ml



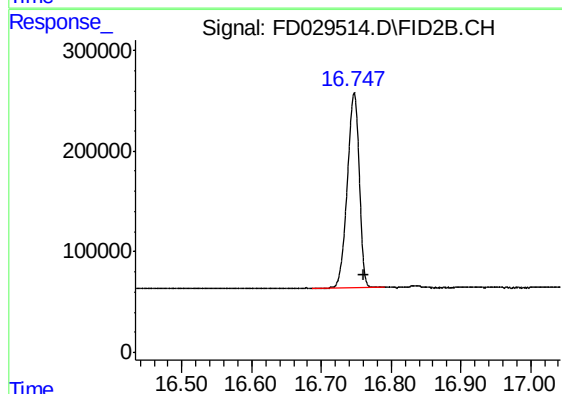
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.369 min
Delta R.T.: -0.015 min
Response: 2353050
Conc: 19.00 ug/ml



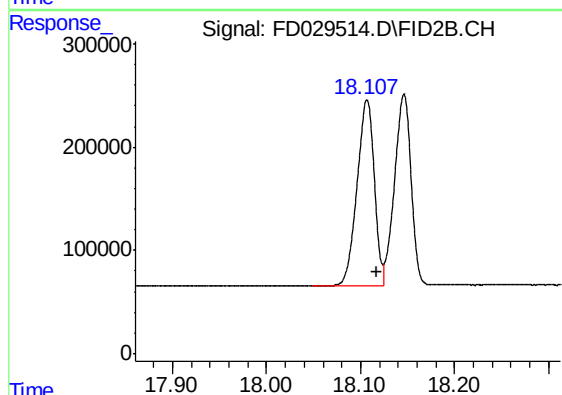
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.401 min
Delta R.T.: -0.014 min
Response: 2338397
Conc: 18.99 ug/ml



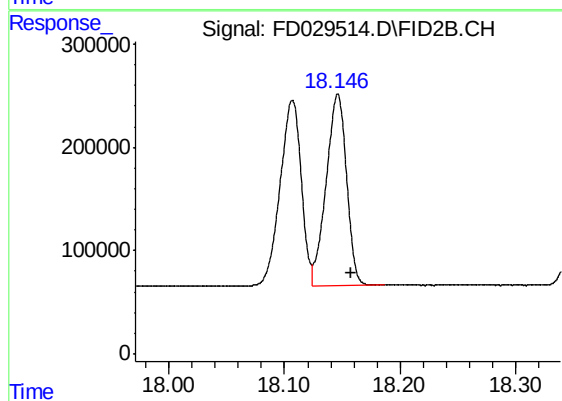
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.747 min
Delta R.T.: -0.014 min
Response: 2325109
Conc: 19.01 ug/ml



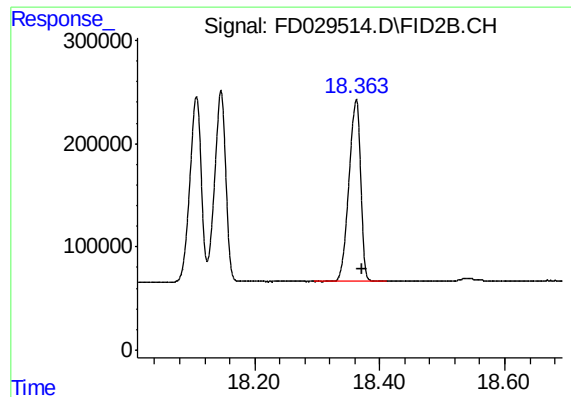
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.107 min
Delta R.T.: -0.011 min
Response: 2276514
Conc: 19.30 ug/ml



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

R.T.: 18.146 min
Delta R.T.: -0.012 min
Response: 2266157
Conc: 19.58 ug/ml



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

R.T.: 18.363 min
Delta R.T.: -0.009 min
Response: 2283958
Conc: 19.67 ug/ml