

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062519AR\
 Data File : FD029511.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2019 9:27
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 13:11:22 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...	7.714	2381848	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.578	1589926	20.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.12%
11) S ortho-Terphenyl (SURR)	11.616	2458229	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.513	2627695	21.508 ug/ml
2) T Naphthalene (C11.7)	6.054	2734996	20.987 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	2666747	20.658 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2520023	19.933 ug/ml
7) T Acenaphthene (C15.5)	8.677	2622286	20.096 ug/ml
8) T Fluorene (C16.55)	9.457	2564020	19.705 ug/ml
9) T Phenanthrene (C19.36)	10.853	2509367	19.124 ug/ml
10) T Anthracene (C19.43)	10.927	2433681	18.831 ug/ml
12) T Fluoranthene (C21.85)	12.662	2362625	17.965 ug/ml
13) T Pyrene (C20.8)	12.959	2458125	18.666 ug/ml
14) T Benzo[a]anthracene (C...	14.825	2304175	18.323 ug/ml
15) T Chrysene (C27.41)	14.867	2317555	18.380 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2327273	18.792 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2316080	18.804 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2302520	18.821 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.109	2236097	18.953 ug/ml
20) T Dibenz[a,h]anthracene...	18.147	2221761	19.193 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	2252111	19.400 ug/ml

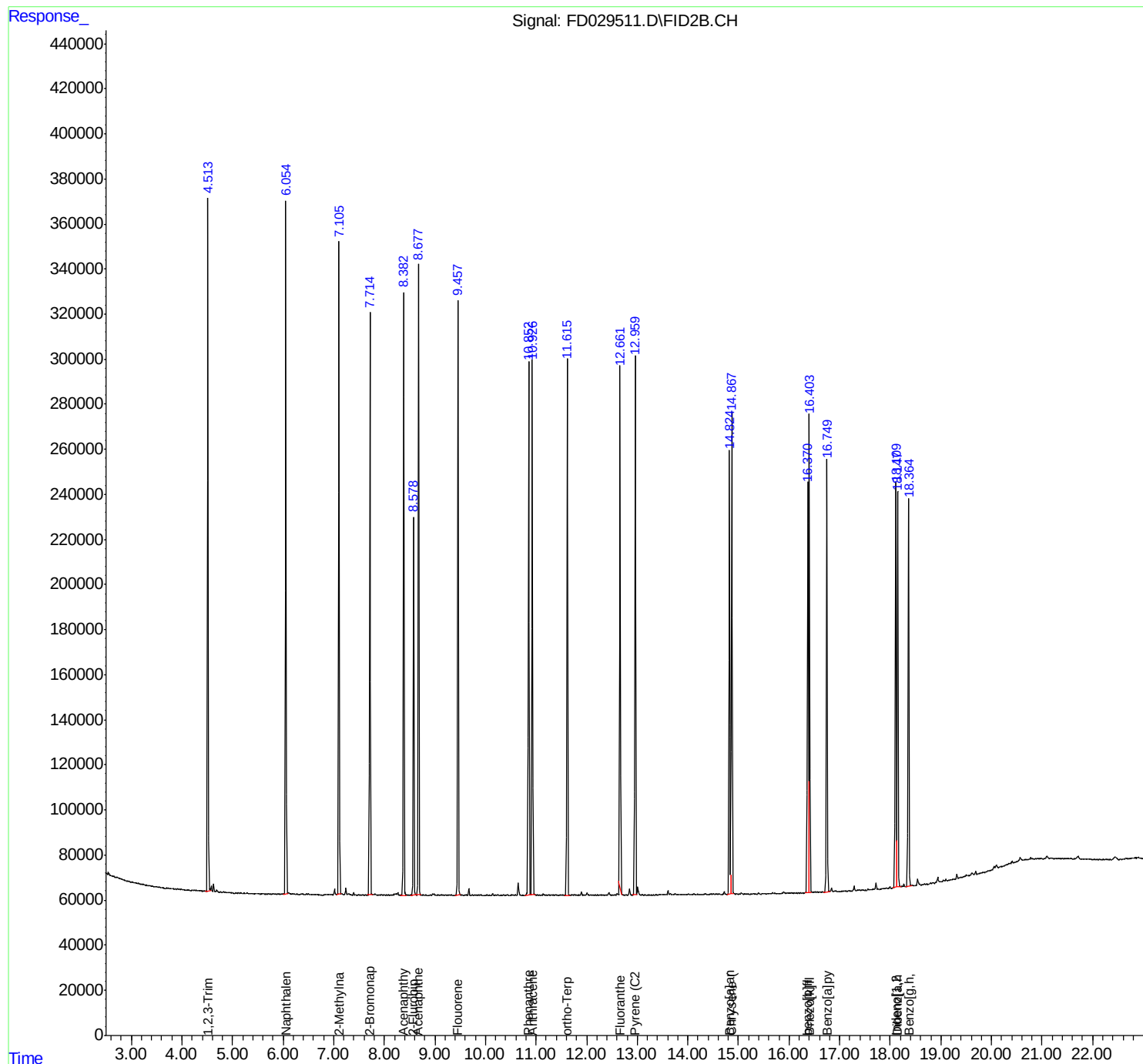
(f)=RT Delta > 1/2 Window

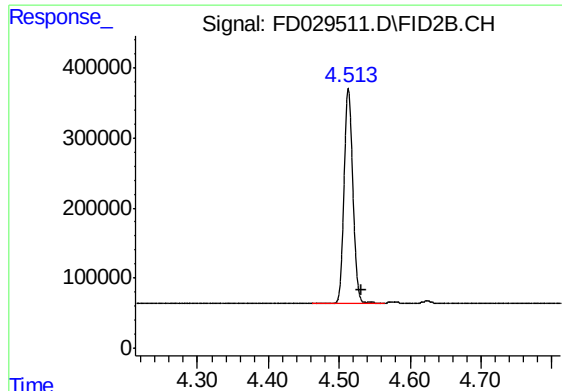
(m)=manual int.

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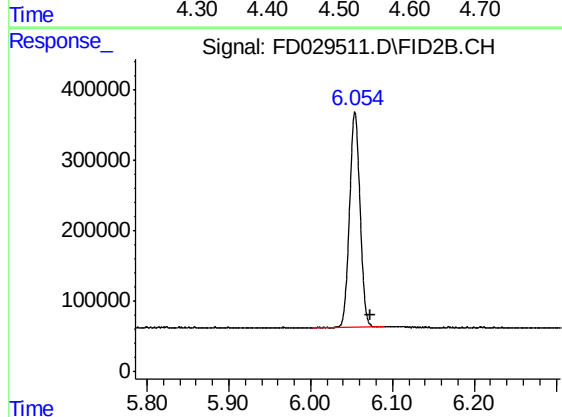
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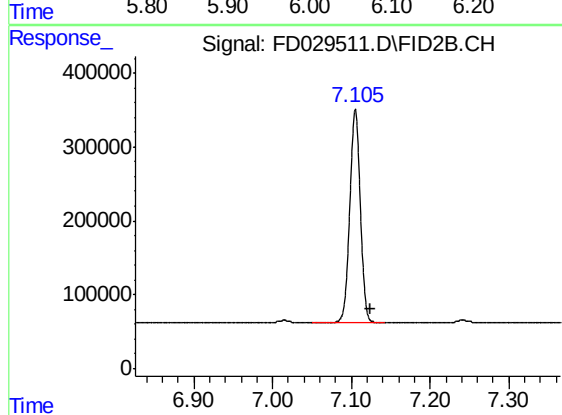
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.513 min
Delta R.T.: -0.018 min
Response: 2627695
Conc: 21.51 ug/ml



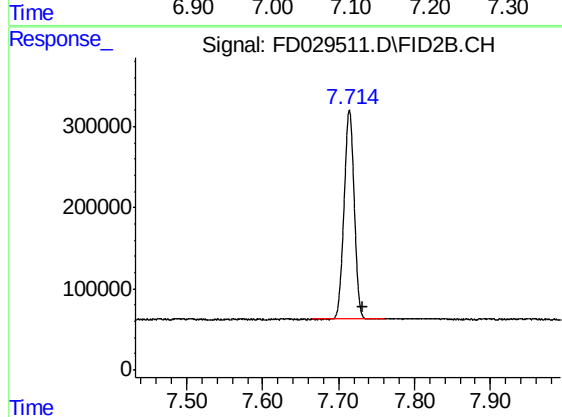
#2 Naphthalene (C11.7)

R.T.: 6.054 min
Delta R.T.: -0.019 min
Response: 2734996
Conc: 20.99 ug/ml



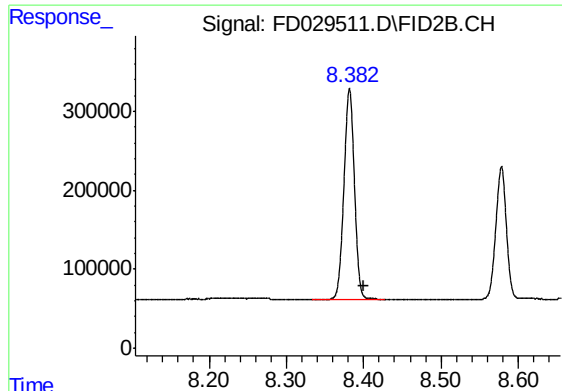
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.018 min
Response: 2666747
Conc: 20.66 ug/ml



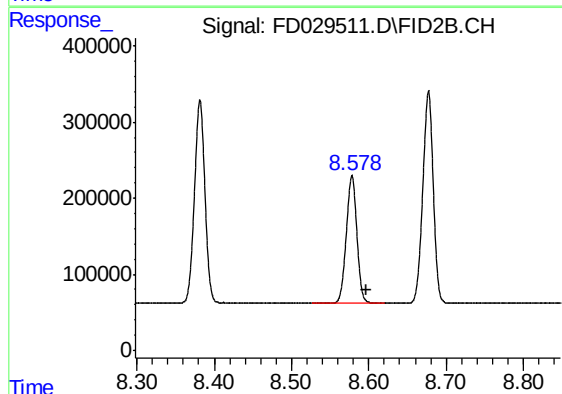
#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min
Delta R.T.: -0.018 min
Response: 2381848
Conc: 20.50 ug/ml



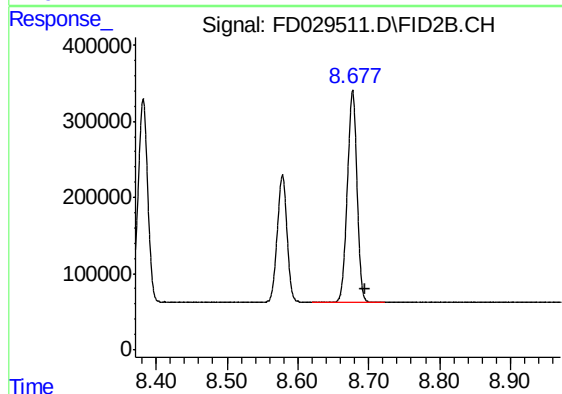
#5 Acenaphthylene (C15.06)

R.T.: 8.382 min
Delta R.T.: -0.019 min
Response: 2520023
Conc: 19.93 ug/ml



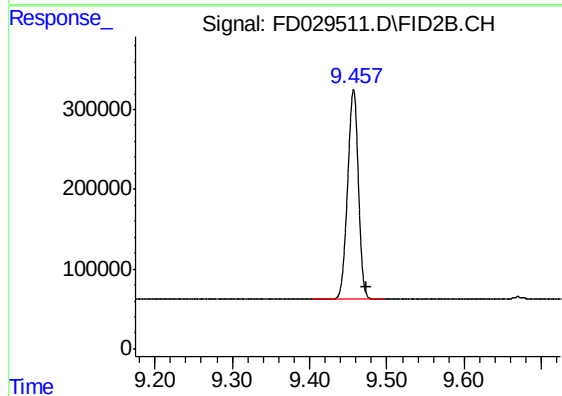
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: -0.018 min
Response: 1589926
Conc: 20.06 ug/ml



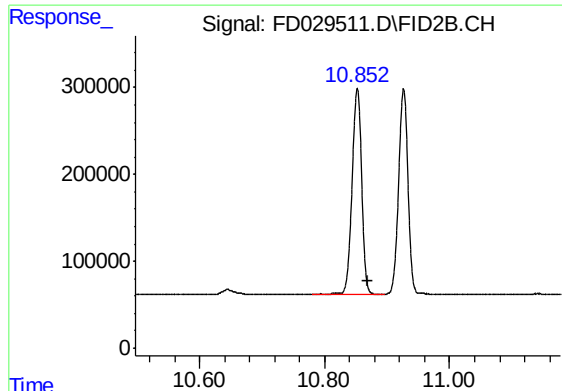
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: -0.018 min
Response: 2622286
Conc: 20.10 ug/ml



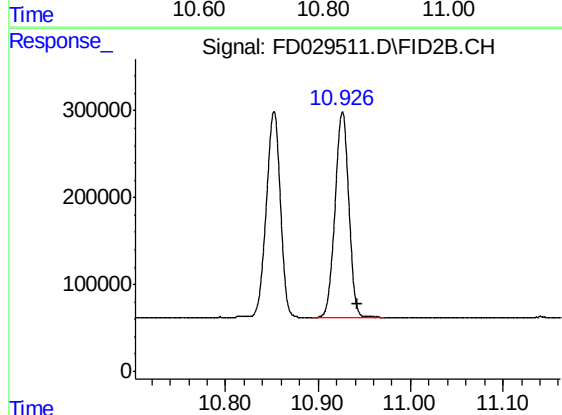
#8 Flouorene (C16.55)

R.T.: 9.457 min
Delta R.T.: -0.017 min
Response: 2564020
Conc: 19.70 ug/ml



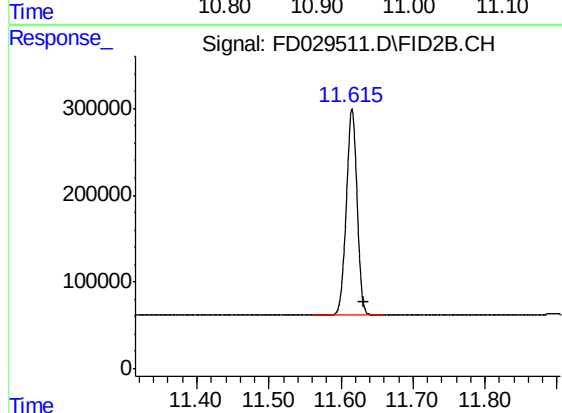
#9 Phenanthrene (C19.36)

R.T.: 10.853 min
Delta R.T.: -0.017 min
Response: 2509367
Conc: 19.12 ug/ml



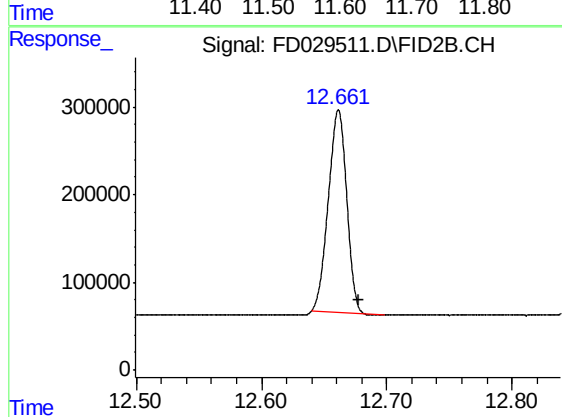
#10 Anthracene (C19.43)

R.T.: 10.927 min
Delta R.T.: -0.016 min
Response: 2433681
Conc: 18.83 ug/ml



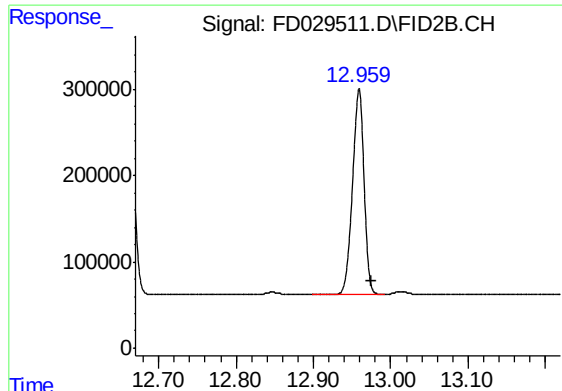
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: -0.016 min
Response: 2458229
Conc: 19.16 ug/ml



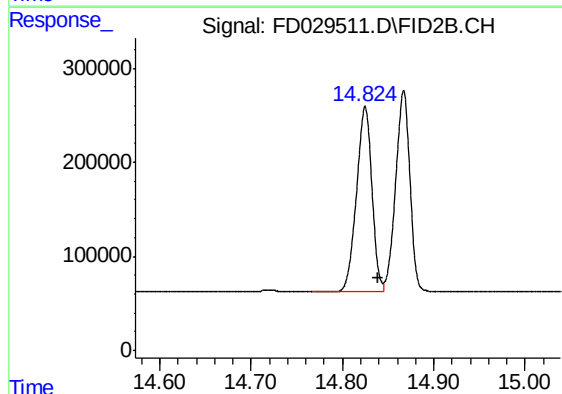
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: -0.016 min
Response: 2362625
Conc: 17.96 ug/ml



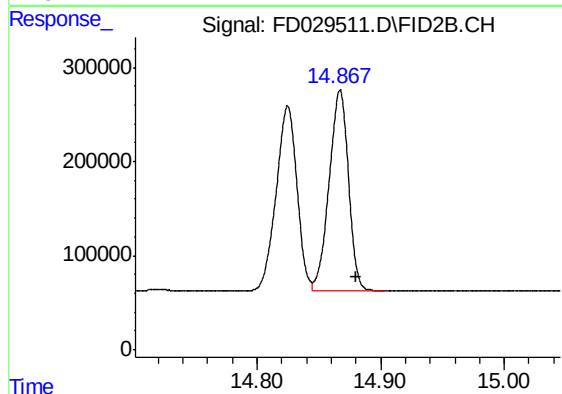
#13 Pyrene (C20.8)

R.T.: 12.959 min
Delta R.T.: -0.015 min
Response: 2458125
Conc: 18.67 ug/ml



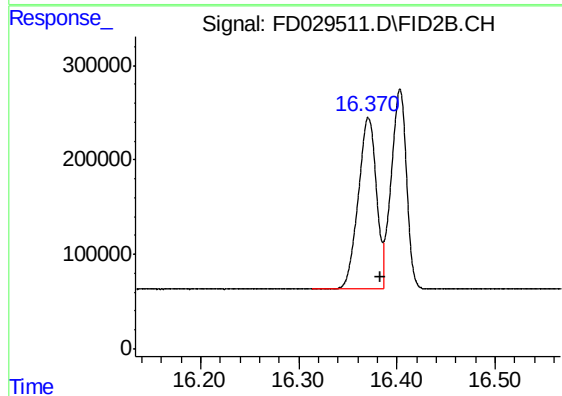
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.825 min
Delta R.T.: -0.014 min
Response: 2304175
Conc: 18.32 ug/ml



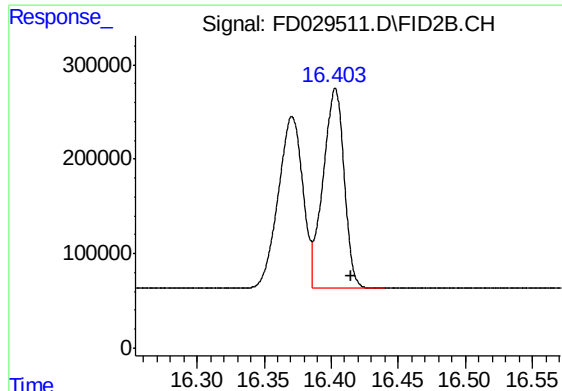
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.013 min
Response: 2317555
Conc: 18.38 ug/ml



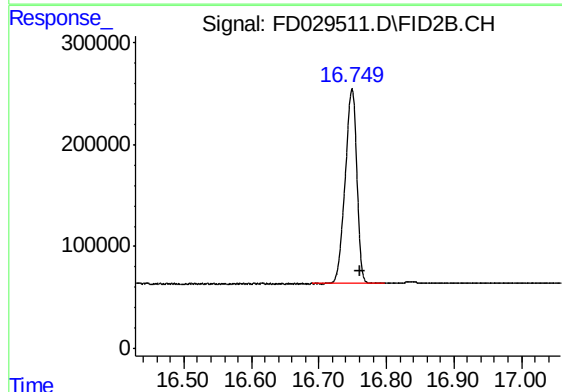
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.371 min
Delta R.T.: -0.013 min
Response: 2327273
Conc: 18.79 ug/ml



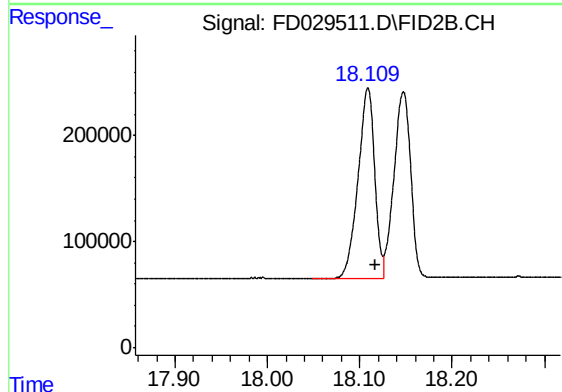
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.403 min
Delta R.T.: -0.012 min
Response: 2316080
Conc: 18.80 ug/ml



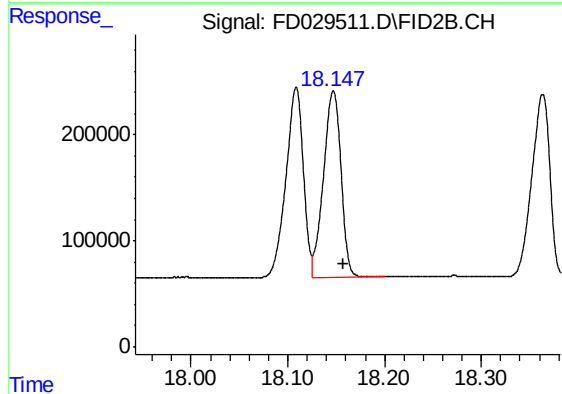
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: -0.012 min
Response: 2302520
Conc: 18.82 ug/ml



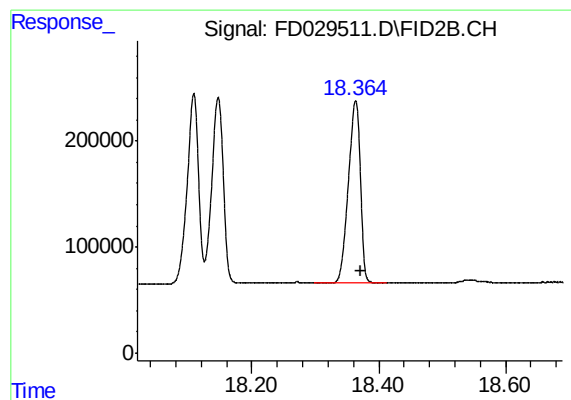
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.109 min
Delta R.T.: -0.009 min
Response: 2236097
Conc: 18.95 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.011 min
Response: 2221761
Conc: 19.19 ug/ml



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

R.T.: 18.364 min
Delta R.T.: -0.008 min
Response: 2252111
Conc: 19.40 ug/ml