

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082218AR\
 Data File : FD025461.D
 Signal(s) : FID2B.CH
 Acq On : 22 Aug 2018 10:31
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 22 10:54:58 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...	7.442	1616397	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
6) S 2-Fluorobiphenyl (SURR)	8.296	1114662	19.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.26%
11) S ortho-Terphenyl (SURR)	11.341	1767585	18.857 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.240	1737345	22.111 ug/ml
2) T Naphthalene (C11.7)	5.776	1862781	21.298 ug/ml
3) T 2-Methylnaphthalene (...)	6.829	1826737	20.602 ug/ml
5) T Acenaphthylene (C15.06)	8.100	1763886	19.787 ug/ml
7) T Acenaphthene (C15.5)	8.395	1839900	19.670 ug/ml
8) T Flouorene (C16.55)	9.175	1825488	19.077 ug/ml
9) T Phenanthrene (C19.36)	10.566	1837396	19.025 ug/ml
10) T Anthracene (C19.43)	10.641	1800475	18.974 ug/ml
12) T Fluoranthene (C21.85)	12.374	1917808	19.991 ug/ml
13) T Pyrene (C20.8)	12.668	1941920	20.295 ug/ml
14) T Benzo[a]anthracene (C...	14.538	1995709	22.300 ug/ml
15) T Chrysene (C27.41)	14.580	2009803	22.402 ug/ml
16) T benzo[b]fluoranthene ...	16.086	2112621	22.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2120909	21.902 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2122966	21.821 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	2094420	20.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2049159	20.342 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2136208	20.649 ug/ml

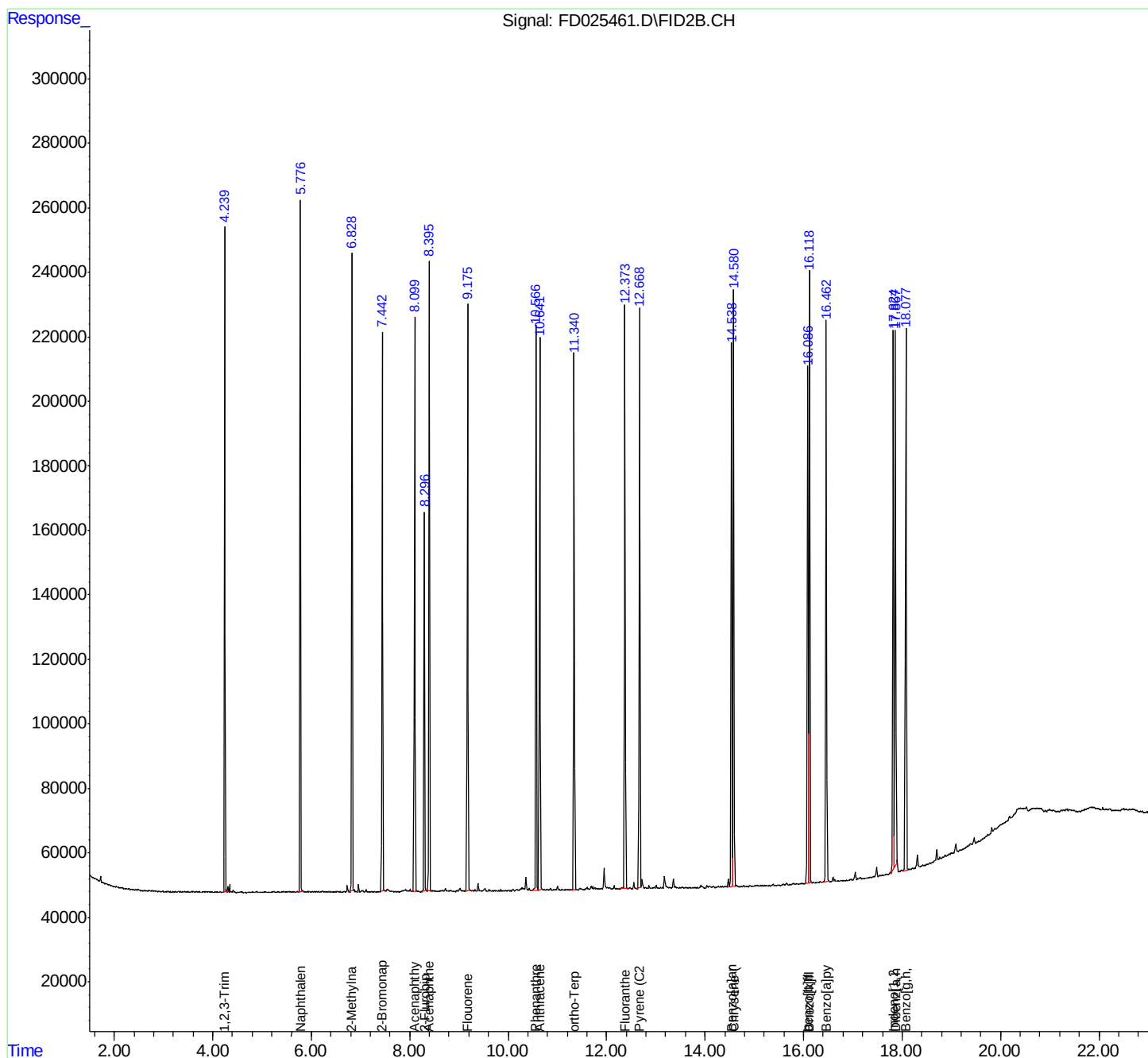
(f)=RT Delta > 1/2 Window

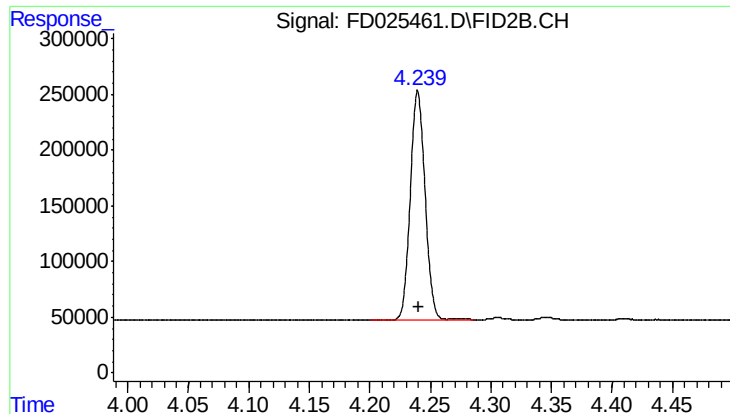
(m)=manual int.

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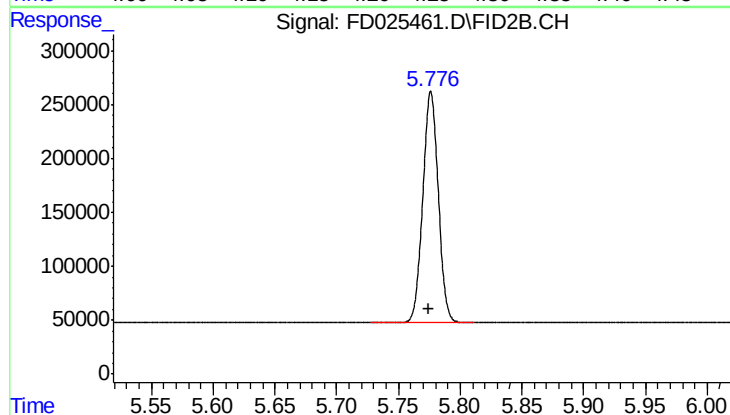
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Signal Info : 20M x 0.18mm x 0.18µm





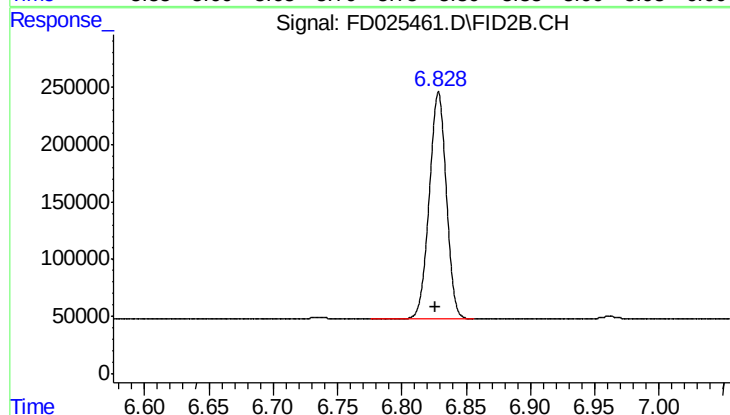
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 1737345
Conc: 22.11 ug/ml



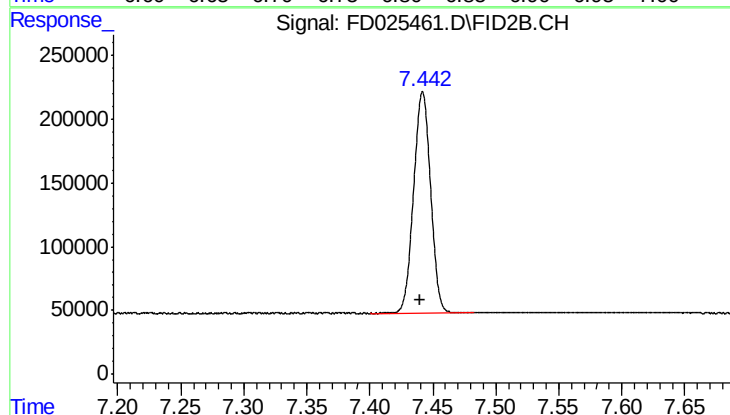
#2 Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 1862781
Conc: 21.30 ug/ml



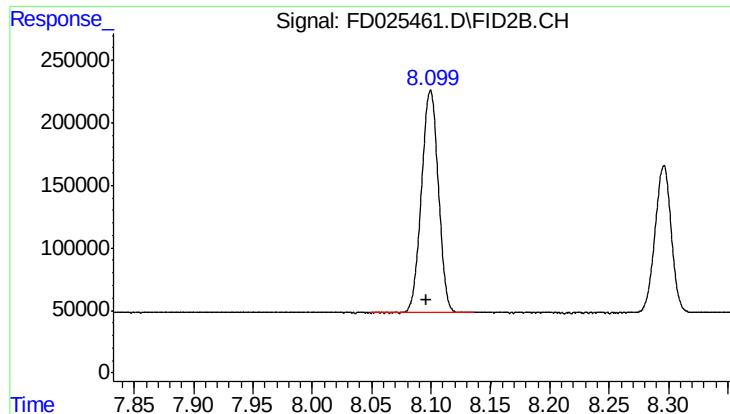
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: 0.003 min
Response: 1826737
Conc: 20.60 ug/ml



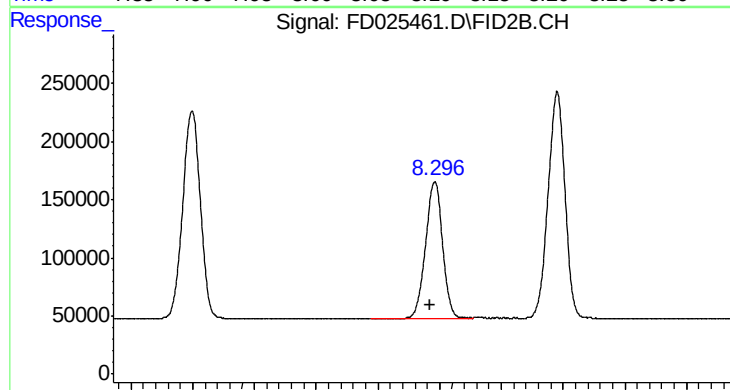
#4 2-Bromonaphthalene (SURR)

R.T.: 7.442 min
Delta R.T.: 0.002 min
Response: 1616397
Conc: 20.05 ug/ml



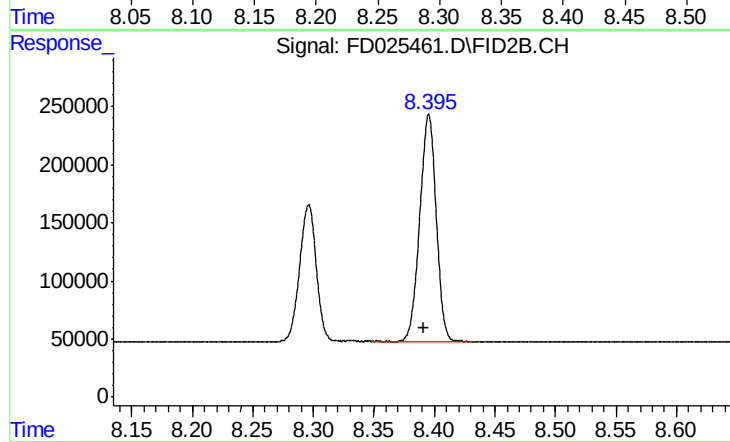
#5 Acenaphthylene (C15.06)

R.T.: 8.100 min
Delta R.T.: 0.004 min
Response: 1763886
Conc: 19.79 ug/ml



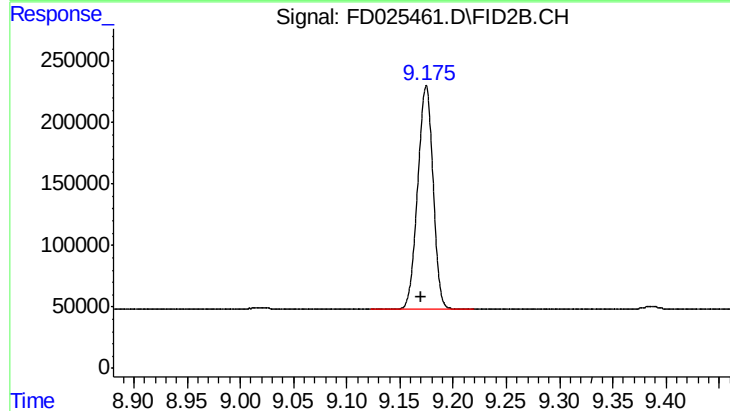
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: 0.004 min
Response: 1114662
Conc: 19.63 ug/ml



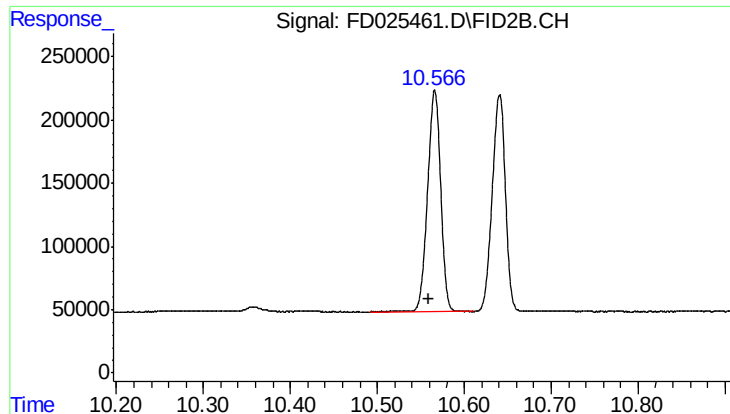
#7 Acenaphthene (C15.5)

R.T.: 8.395 min
Delta R.T.: 0.005 min
Response: 1839900
Conc: 19.67 ug/ml



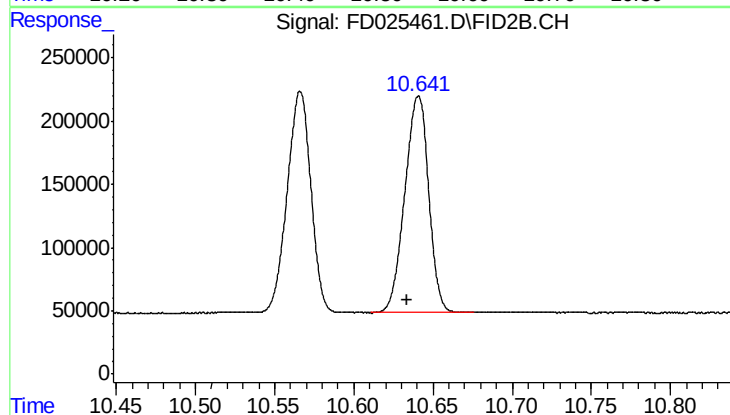
#8 Fluorene (C16.55)

R.T.: 9.175 min
Delta R.T.: 0.005 min
Response: 1825488
Conc: 19.08 ug/ml



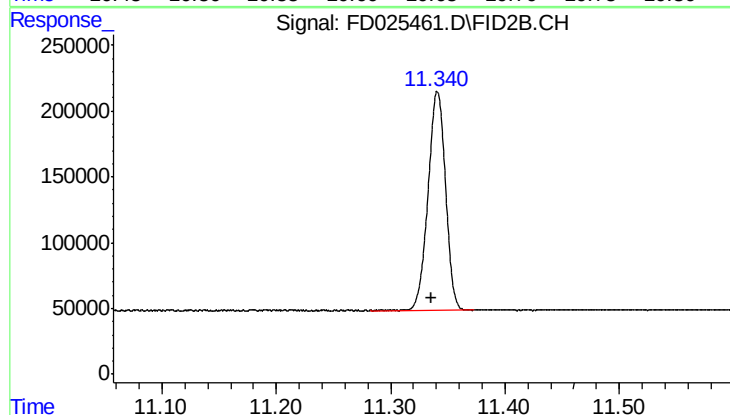
#9 Phenanthrene (C19.36)

R.T.: 10.566 min
Delta R.T.: 0.006 min
Response: 1837396
Conc: 19.02 ug/ml



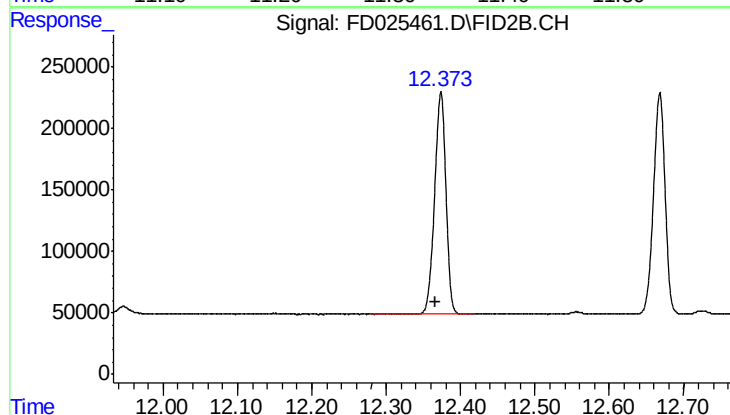
#10 Anthracene (C19.43)

R.T.: 10.641 min
Delta R.T.: 0.007 min
Response: 1800475
Conc: 18.97 ug/ml



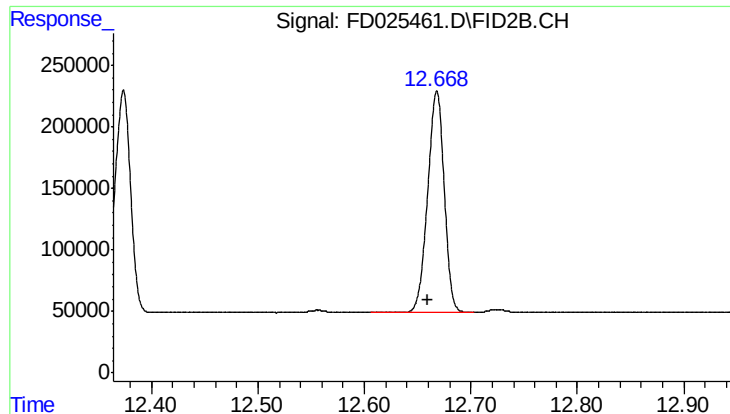
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: 0.005 min
Response: 1767585
Conc: 18.86 ug/ml



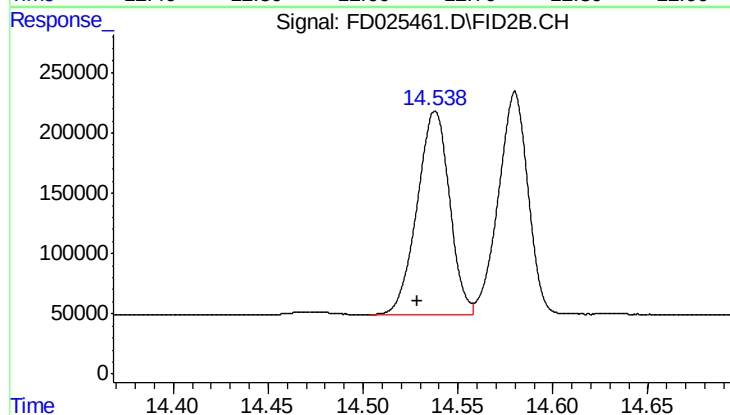
#12 Fluoranthene (C21.85)

R.T.: 12.374 min
Delta R.T.: 0.008 min
Response: 1917808
Conc: 19.99 ug/ml



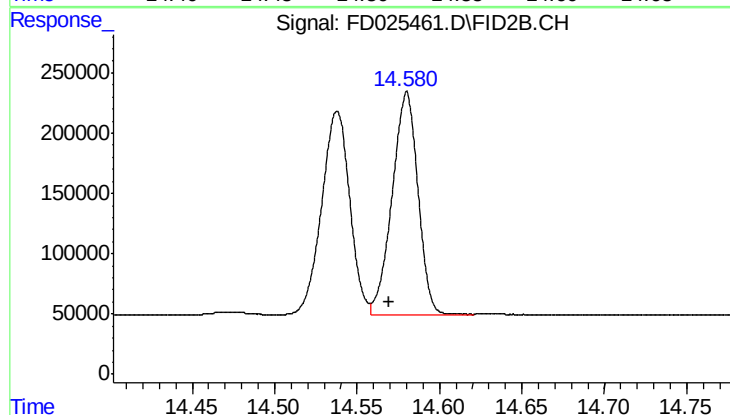
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: 0.009 min
Response: 1941920
Conc: 20.29 ug/ml



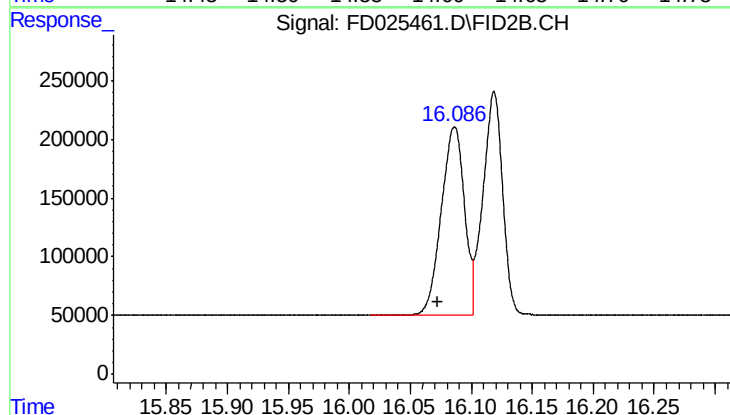
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: 0.009 min
Response: 1995709
Conc: 22.30 ug/ml



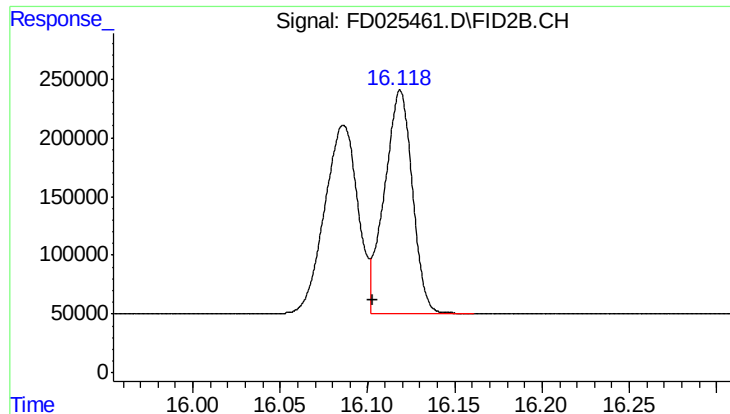
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: 0.011 min
Response: 2009803
Conc: 22.40 ug/ml



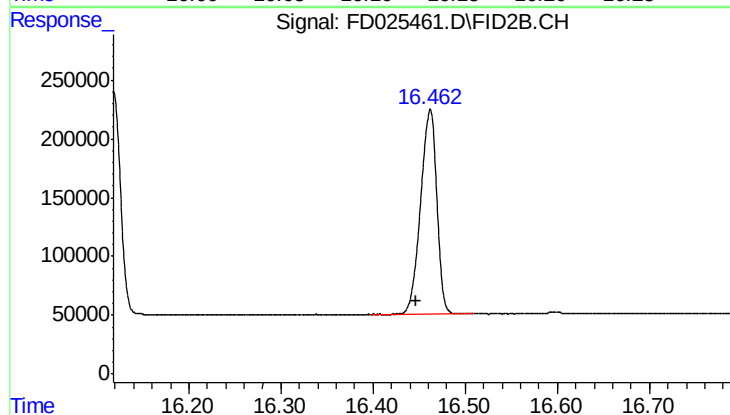
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.014 min
Response: 2112621
Conc: 22.11 ug/ml



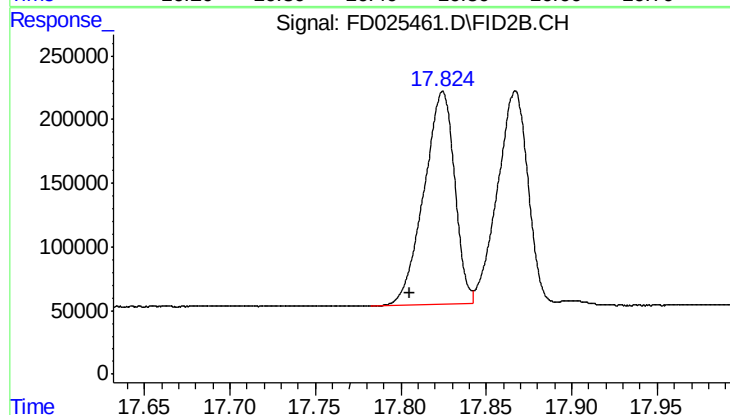
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.016 min
Response: 2120909
Conc: 21.90 ug/ml



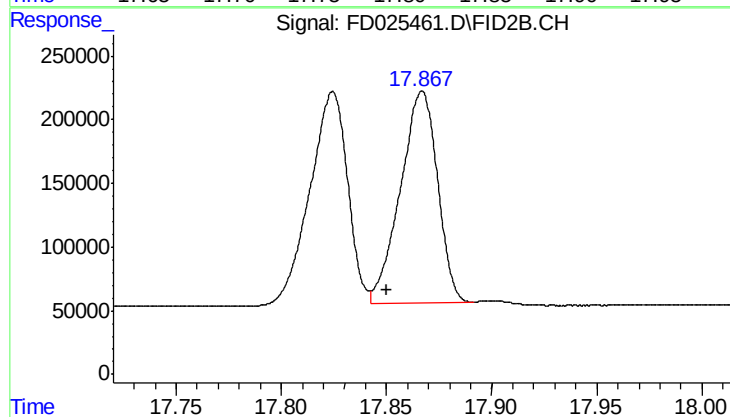
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.015 min
Response: 2122966
Conc: 21.82 ug/ml



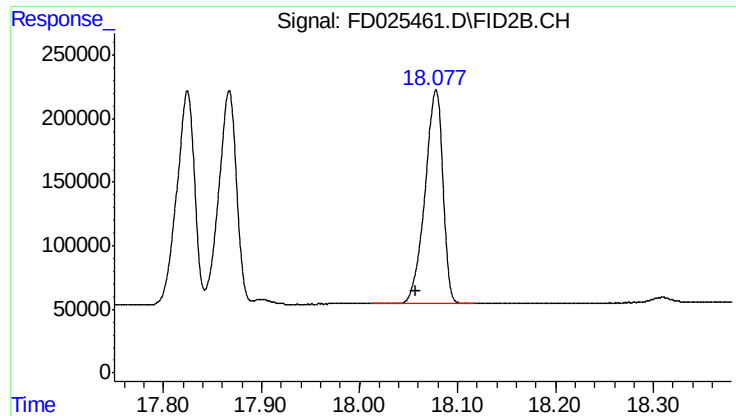
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.019 min
Response: 2094420
Conc: 20.43 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.017 min
Response: 2049159
Conc: 20.34 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.021 min
Response: 2136208
Conc: 20.65 ug/ml