

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110518AR\
 Data File : FD026332.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2018 13:55
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 07:15:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.403	1637571	22.151 ug/ml
Spiked Amount 50.000		Recovery =	44.30%
6) S 2-Fluorobiphenyl (SURR)	8.254	1145142	22.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.61%
11) S ortho-Terphenyl (SURR)	11.297	1870471	23.677 ug/ml
Spiked Amount 50.000		Recovery =	47.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	1792395	22.405 ug/ml
2) T Naphthalene (C11.7)	5.739	1900129	22.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.789	1856441	22.094 ug/ml
5) T Acenaphthylene (C15.06)	8.057	1797145	22.124 ug/ml
7) T Acenaphthene (C15.5)	8.353	1878570	22.172 ug/ml
8) T Fluorene (C16.55)	9.131	1874831	22.236 ug/ml
9) T Phenanthrene (C19.36)	10.521	1934932	22.948 ug/ml
10) T Anthracene (C19.43)	10.595	1901728	23.123 ug/ml
12) T Fluoranthene (C21.85)	12.327	2051496	24.107 ug/ml
13) T Pyrene (C20.8)	12.621	2068846	24.137 ug/ml
14) T Benzo[a]anthracene (C...	14.491	2025403	24.346 ug/ml
15) T Chrysene (C27.41)	14.534	2039211	24.273 ug/ml
16) T benzo[b]fluoranthene ...	16.070	2071257	23.147 ug/ml
17) T Bnezo[k]fluoranthene ...	16.070	2071257	23.236 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	2043321	22.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.777	1957586	20.888 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	1931466	21.313 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	2002620	20.807 ug/ml

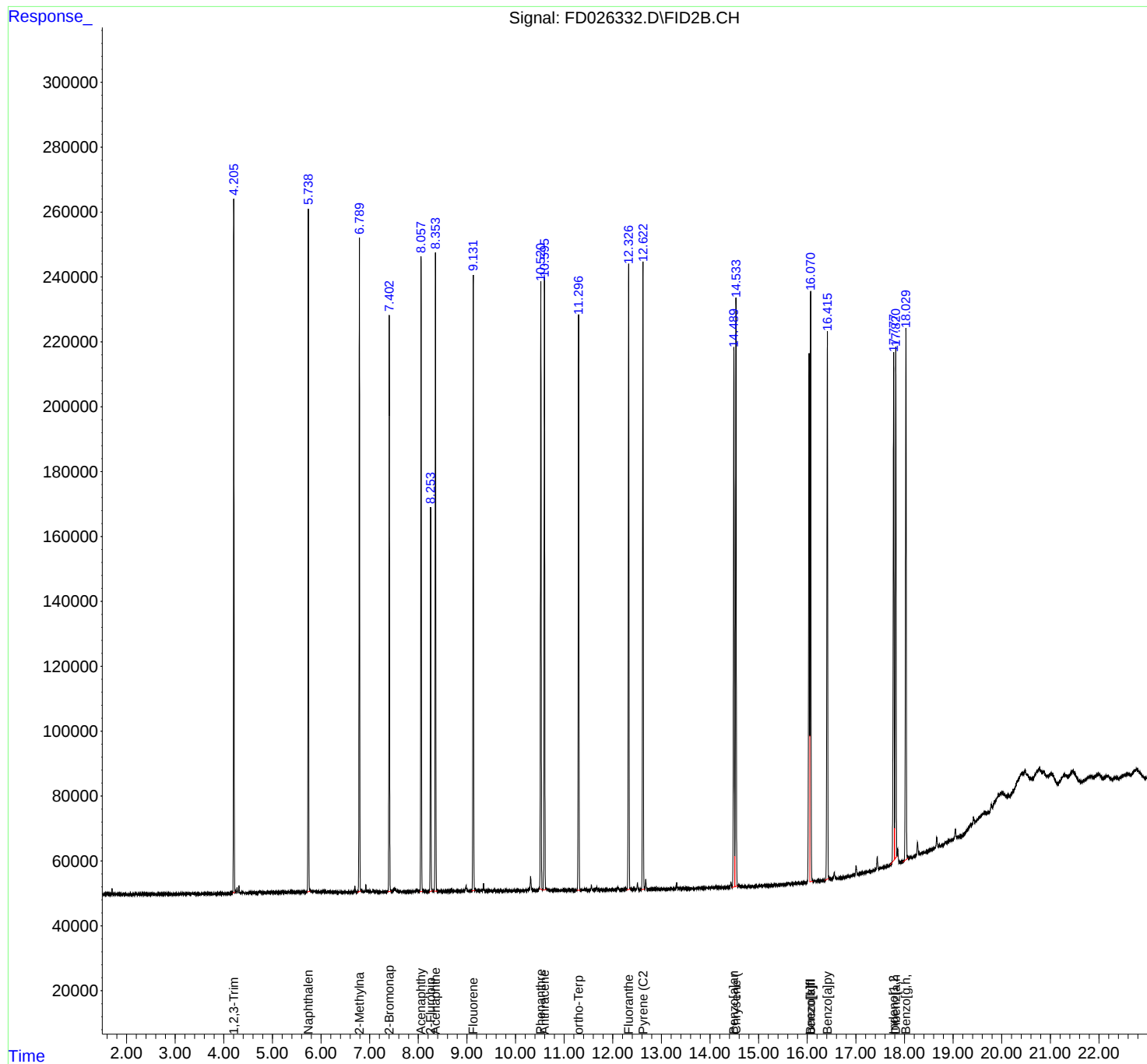
(f)=RT Delta > 1/2 Window

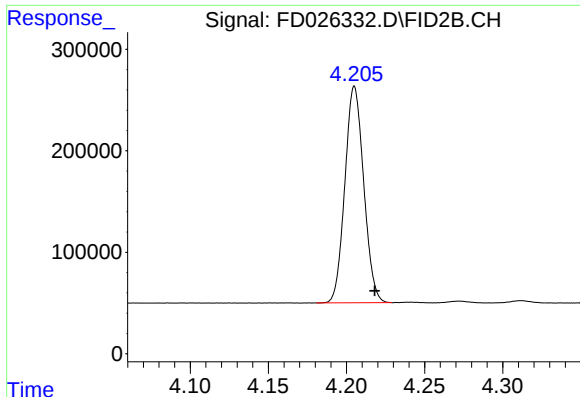
(m)=manual int.

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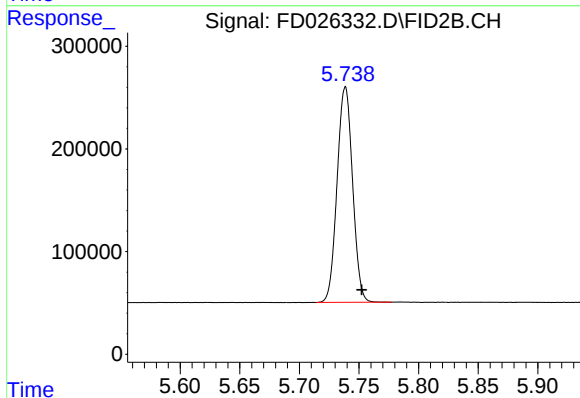
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





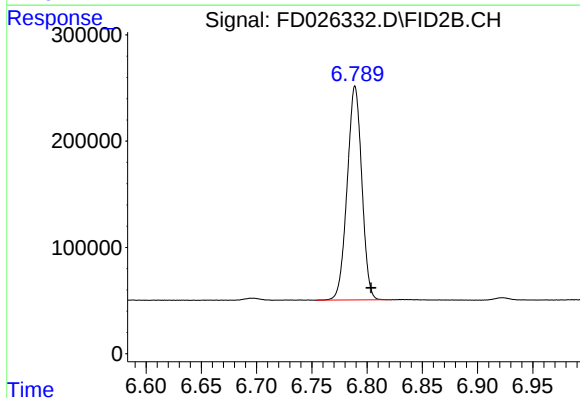
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 1792395
Conc: 22.40 ug/ml



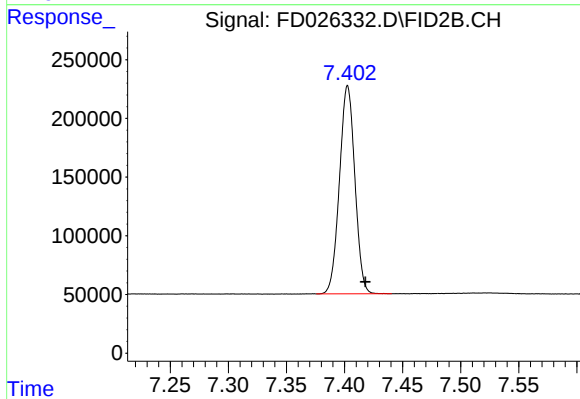
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.014 min
Response: 1900129
Conc: 22.11 ug/ml



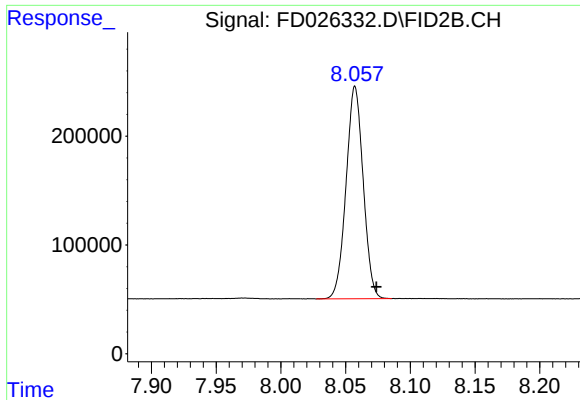
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.789 min
Delta R.T.: -0.014 min
Response: 1856441
Conc: 22.09 ug/ml



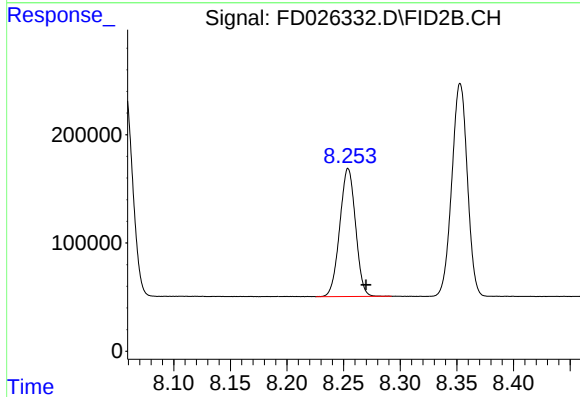
#4 2-Bromonaphthalene (SURR)

R.T.: 7.403 min
Delta R.T.: -0.015 min
Response: 1637571
Conc: 22.15 ug/ml



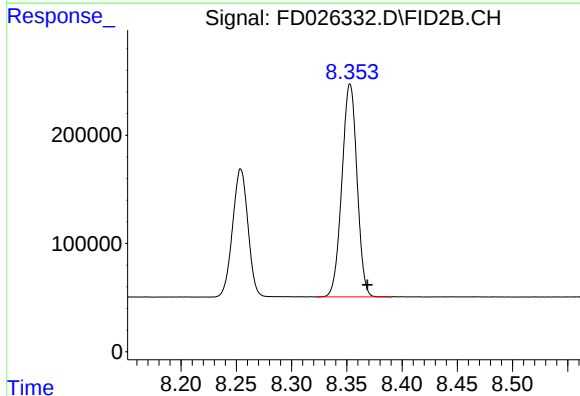
#5 Acenaphthylene (C15.06)

R.T.: 8.057 min
Delta R.T.: -0.016 min
Response: 1797145
Conc: 22.12 ug/ml



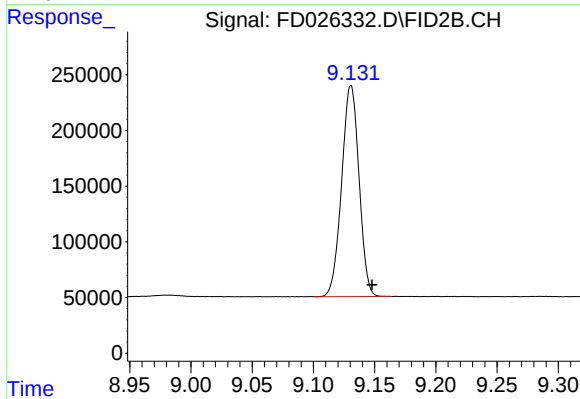
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.254 min
Delta R.T.: -0.016 min
Response: 1145142
Conc: 22.31 ug/ml



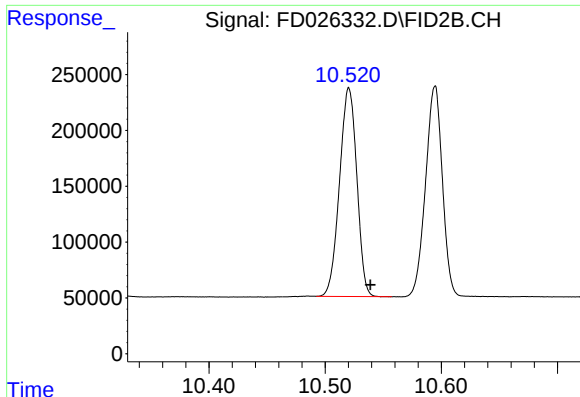
#7 Acenaphthene (C15.5)

R.T.: 8.353 min
Delta R.T.: -0.016 min
Response: 1878570
Conc: 22.17 ug/ml



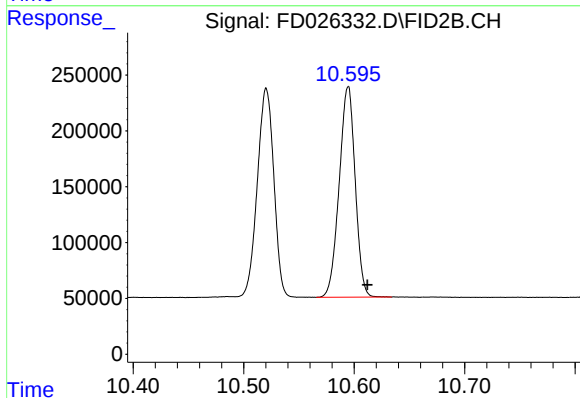
#8 Fluorene (C16.55)

R.T.: 9.131 min
Delta R.T.: -0.017 min
Response: 1874831
Conc: 22.24 ug/ml



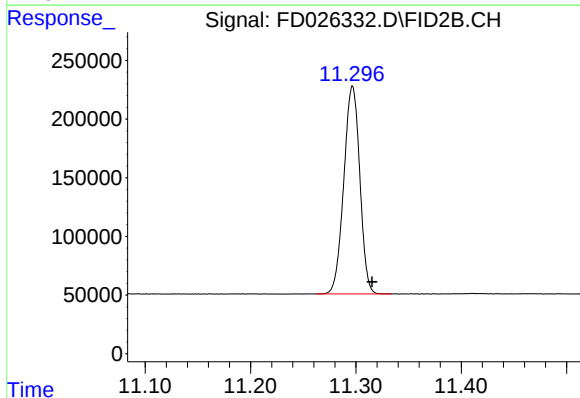
#9 Phenanthrene (C19.36)

R.T.: 10.521 min
Delta R.T.: -0.018 min
Response: 1934932
Conc: 22.95 ug/ml



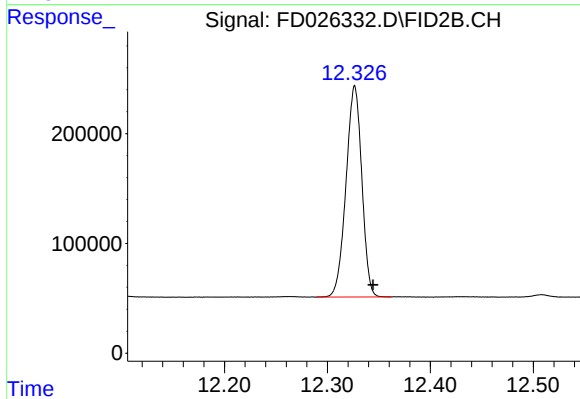
#10 Anthracene (C19.43)

R.T.: 10.595 min
Delta R.T.: -0.017 min
Response: 1901728
Conc: 23.12 ug/ml



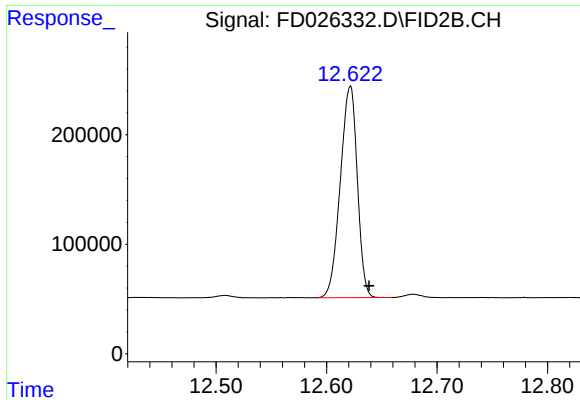
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.018 min
Response: 1870471
Conc: 23.68 ug/ml



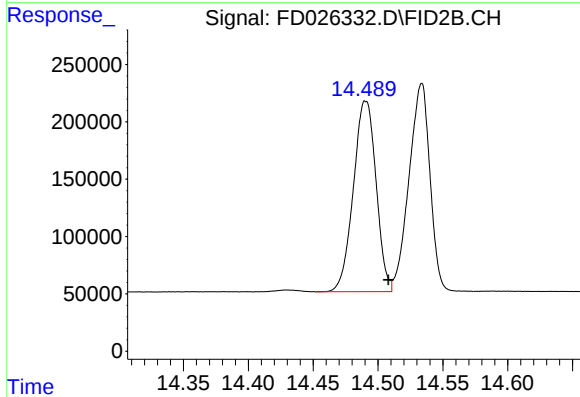
#12 Fluoranthene (C21.85)

R.T.: 12.327 min
Delta R.T.: -0.018 min
Response: 2051496
Conc: 24.11 ug/ml



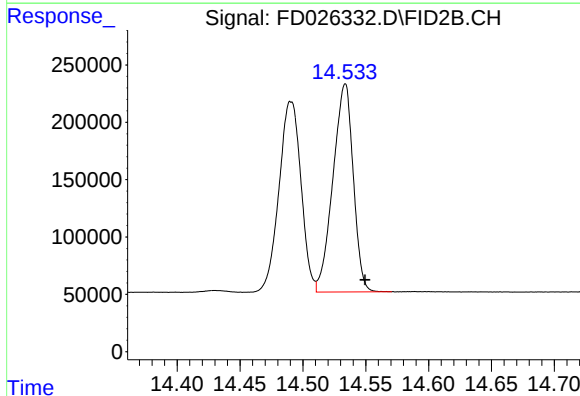
#13 Pyrene (C20.8)

R.T.: 12.621 min
Delta R.T.: -0.017 min
Response: 2068846
Conc: 24.14 ug/ml



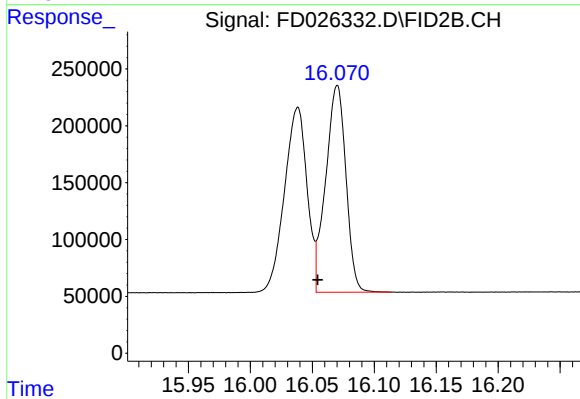
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min
Delta R.T.: -0.017 min
Response: 2025403
Conc: 24.35 ug/ml



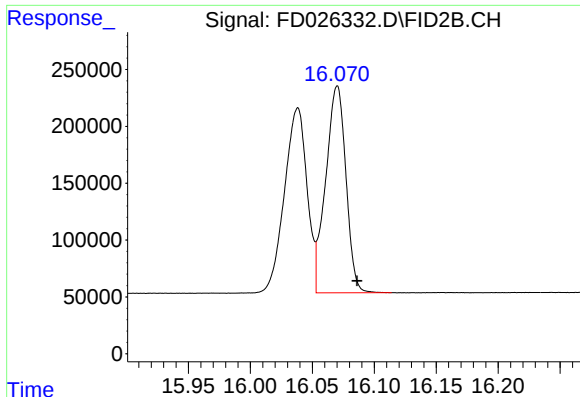
#15 Chrysene (C27.41)

R.T.: 14.534 min
Delta R.T.: -0.016 min
Response: 2039211
Conc: 24.27 ug/ml



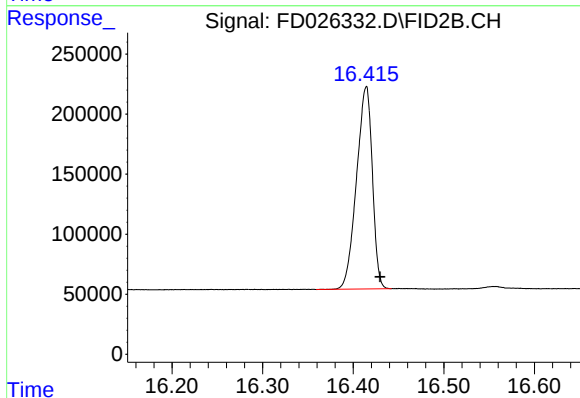
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.070 min
Delta R.T.: 0.016 min
Response: 2071257
Conc: 23.15 ug/ml



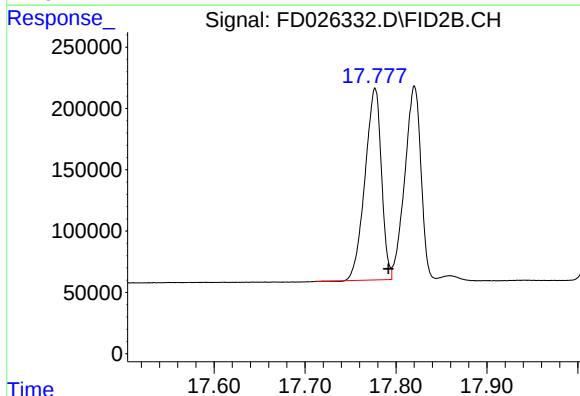
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.070 min
Delta R.T.: -0.016 min
Response: 2071257
Conc: 23.24 ug/ml



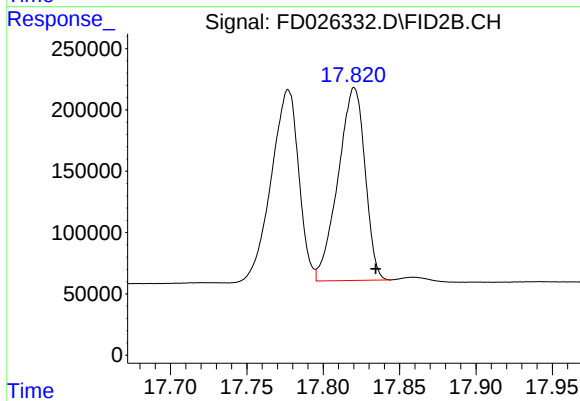
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: -0.015 min
Response: 2043321
Conc: 22.66 ug/ml



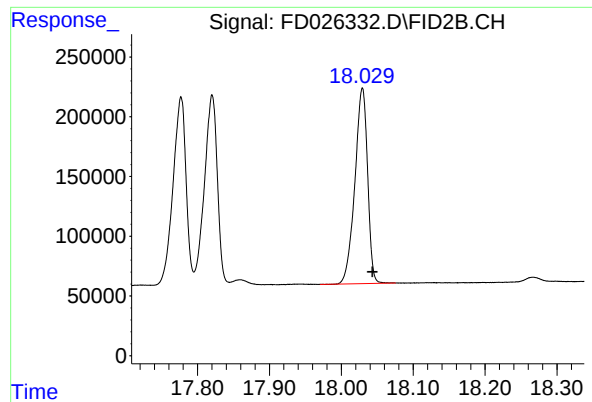
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: -0.015 min
Response: 1957586
Conc: 20.89 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.014 min
Response: 1931466
Conc: 21.31 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.014 min
Response: 2002620
Conc: 20.81 ug/ml