

Data Path : P:\HPCHEM1\FID D\Data\FD052118AR\
 Data File : FD023767.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2018 18:36
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 22 02:59:58 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 02:59:57 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...	7.513	1613395	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.370	1142027	20.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.03%
11) S ortho-Terphenyl (SURR)	11.419	1852067	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	1754041	20.221 ug/ml
2) T Naphthalene (C11.7)	5.846	1855831	20.178 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	1817666	20.070 ug/ml
5) T Acenaphthylene (C15.06)	8.173	1778197	20.063 ug/ml
7) T Acenaphthene (C15.5)	8.470	1857752	20.027 ug/ml
8) T Fluorene (C16.55)	9.250	1873604	20.049 ug/ml
9) T Phenanthrene (C19.36)	10.644	1955089	19.965 ug/ml
10) T Anthracene (C19.43)	10.718	1946307	19.970 ug/ml
12) T Fluoranthene (C21.85)	12.455	2038622	19.972 ug/ml
13) T Pyrene (C20.8)	12.751	2061616	19.932 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.624	2000662	19.846 ug/ml
15) T Chrysene (C27.41)	14.665	2021906	19.837 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.172	2016712	19.972 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.204	2032048	19.837 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.549	1967539	19.979 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.910	1546437	18.782 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.954	1760142	19.530 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.164	1525709	18.304 ug/ml

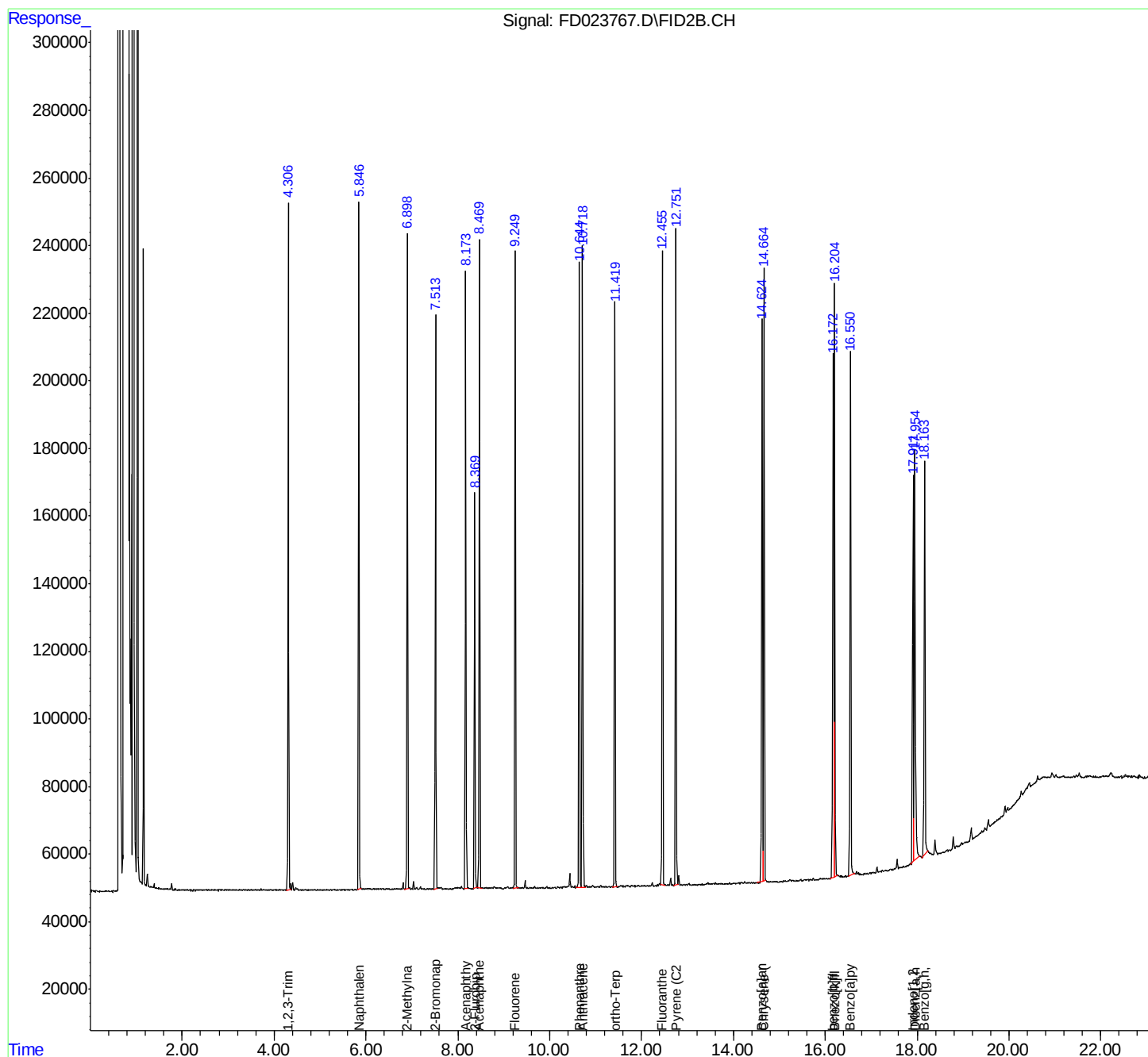
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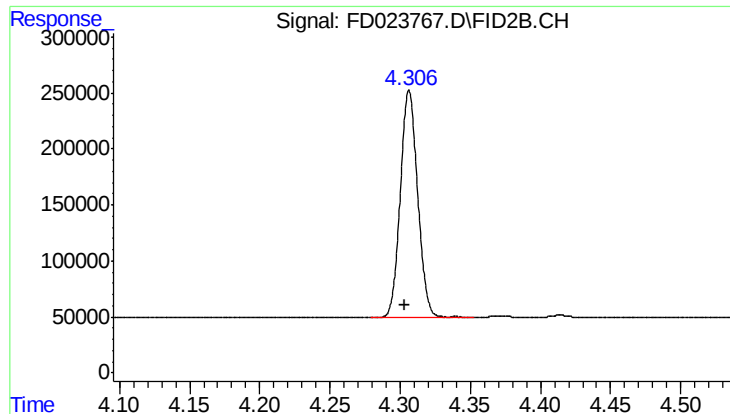
(m)=manual int.

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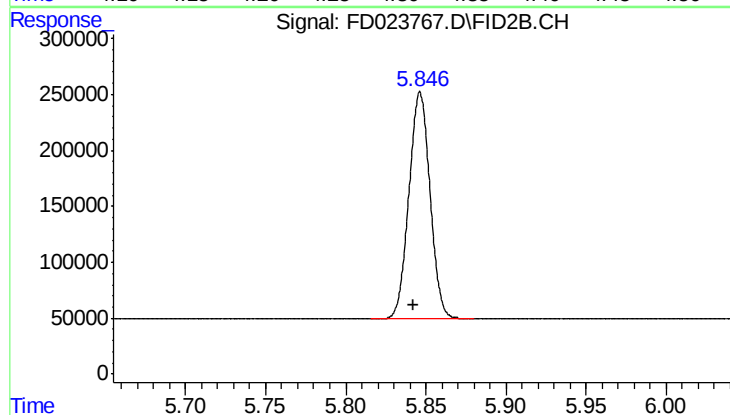
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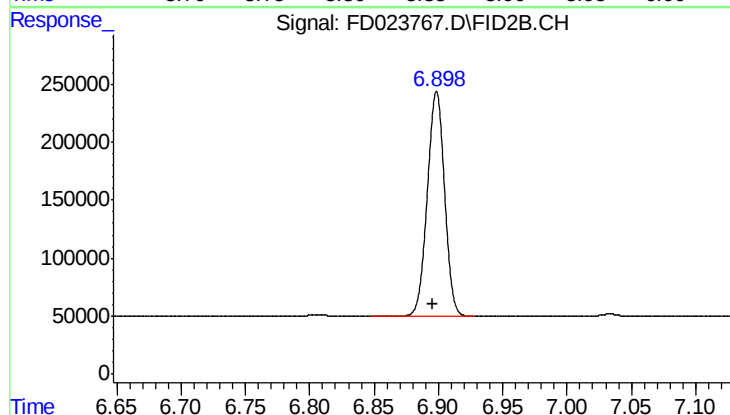
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.306 min
Delta R.T.: 0.003 min
Response: 1754041
Conc: 20.22 ug/ml



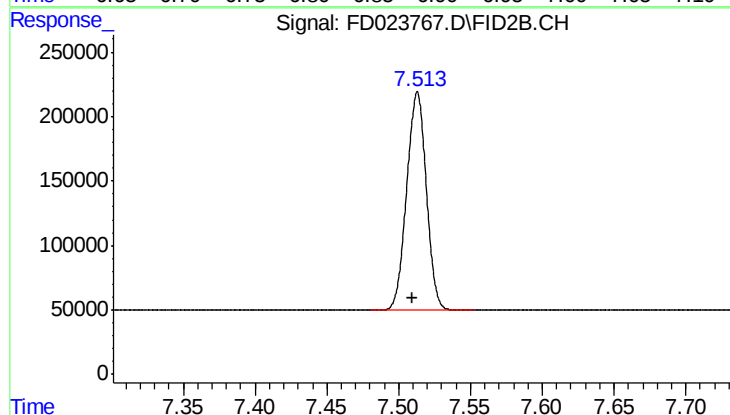
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.004 min
Response: 1855831
Conc: 20.18 ug/ml



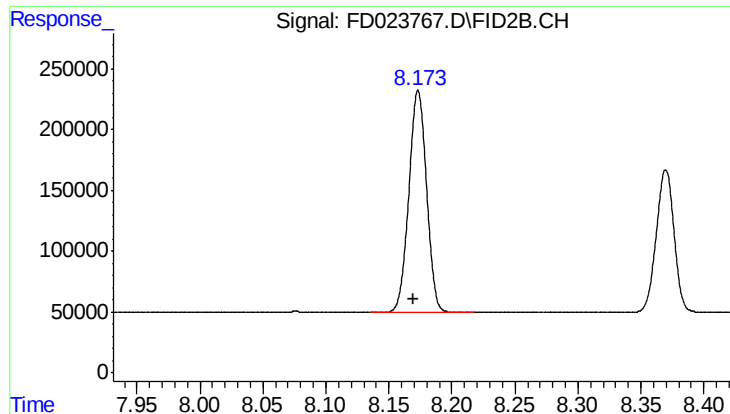
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: 0.003 min
Response: 1817666
Conc: 20.07 ug/ml



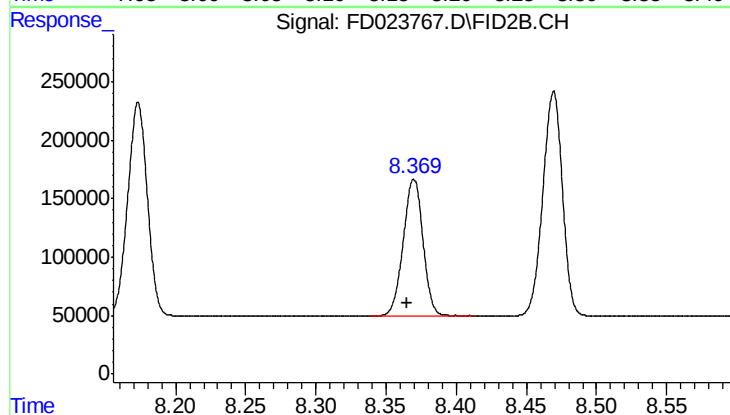
#4 2-Bromonaphthalene (SURR)

R.T.: 7.513 min
Delta R.T.: 0.004 min
Response: 1613395
Conc: 20.09 ug/ml



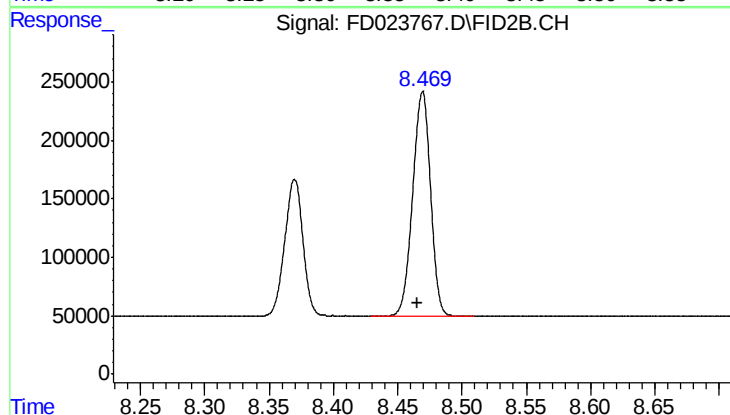
#5 Acenaphthylene (C15.06)

R.T.: 8.173 min
Delta R.T.: 0.004 min
Response: 1778197
Conc: 20.06 ug/ml



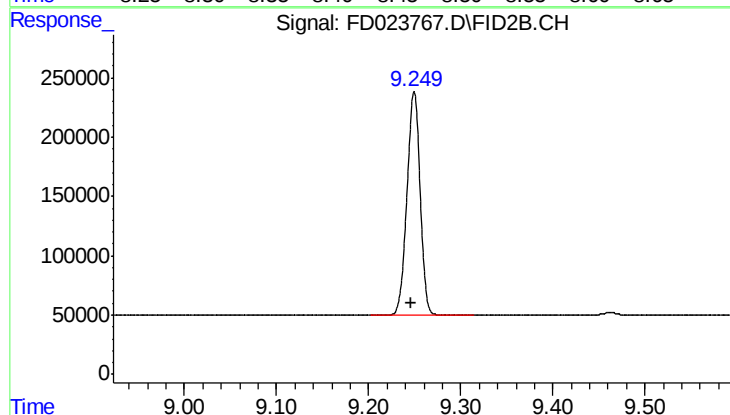
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.370 min
Delta R.T.: 0.005 min
Response: 1142027
Conc: 20.02 ug/ml



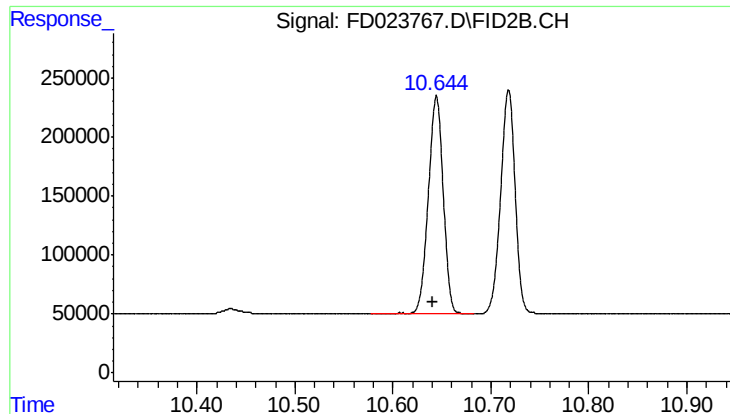
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: 0.004 min
Response: 1857752
Conc: 20.03 ug/ml



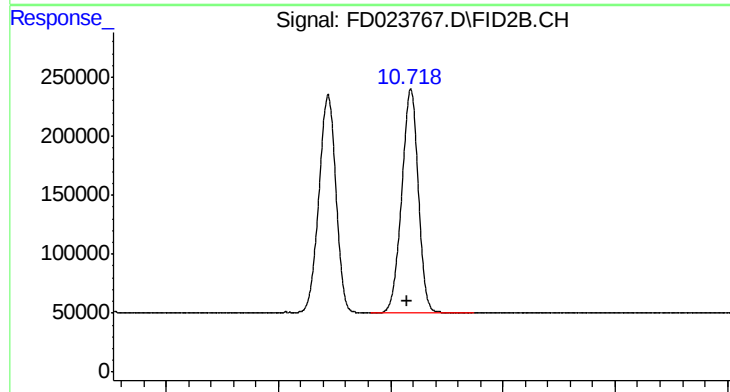
#8 Fluorene (C16.55)

R.T.: 9.250 min
Delta R.T.: 0.004 min
Response: 1873604
Conc: 20.05 ug/ml



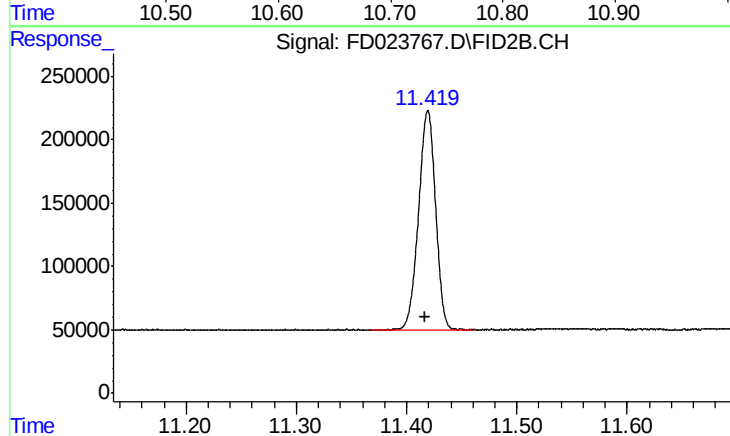
#9 Phenanthrene (C19.36)

R.T.: 10.644 min
Delta R.T.: 0.004 min
Response: 1955089
Conc: 19.97 ug/ml



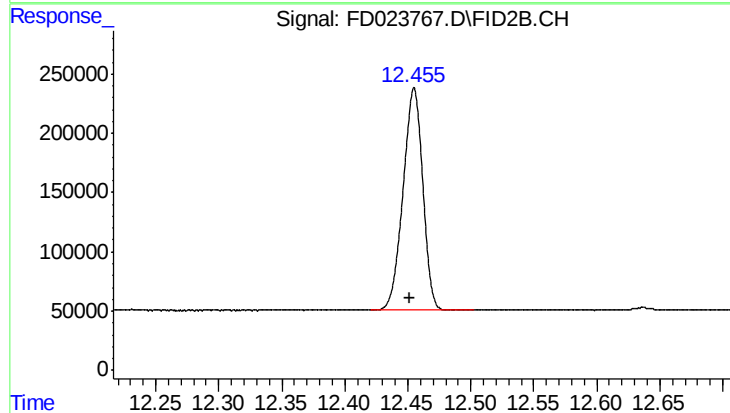
#10 Anthracene (C19.43)

R.T.: 10.718 min
Delta R.T.: 0.004 min
Response: 1946307
Conc: 19.97 ug/ml



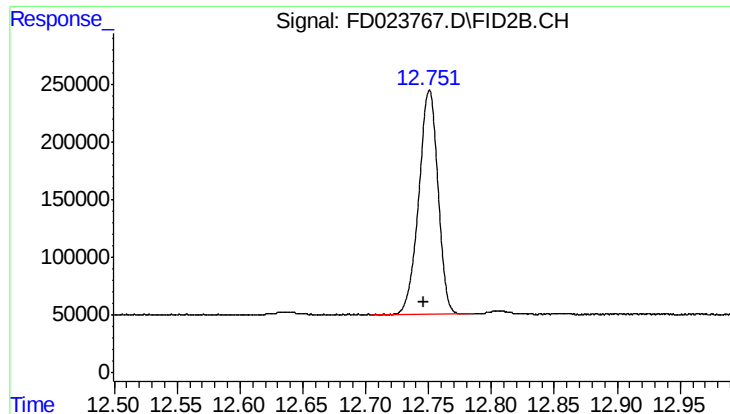
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: 0.003 min
Response: 1852067
Conc: 19.92 ug/ml



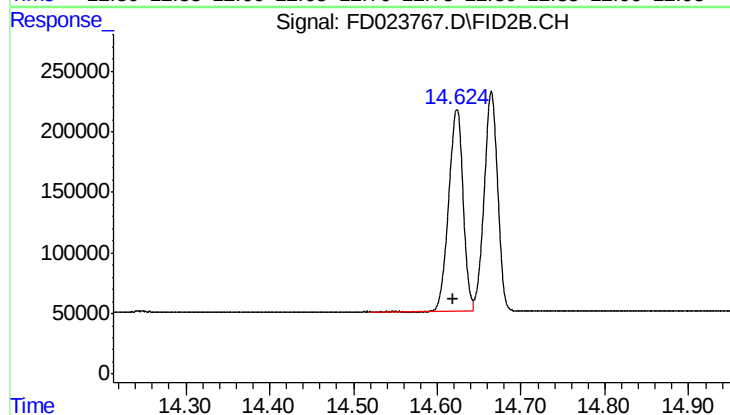
#12 Fluoranthene (C21.85)

R.T.: 12.455 min
Delta R.T.: 0.004 min
Response: 2038622
Conc: 19.97 ug/ml



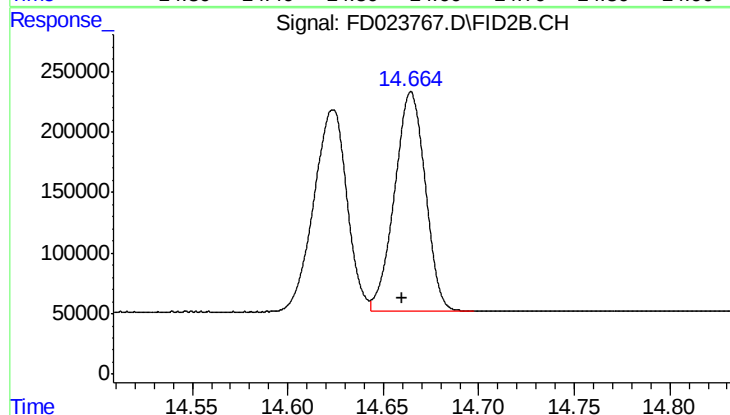
#13 Pyrene (C20.8)

R.T.: 12.751 min
Delta R.T.: 0.004 min
Response: 2061616
Conc: 19.93 ug/ml



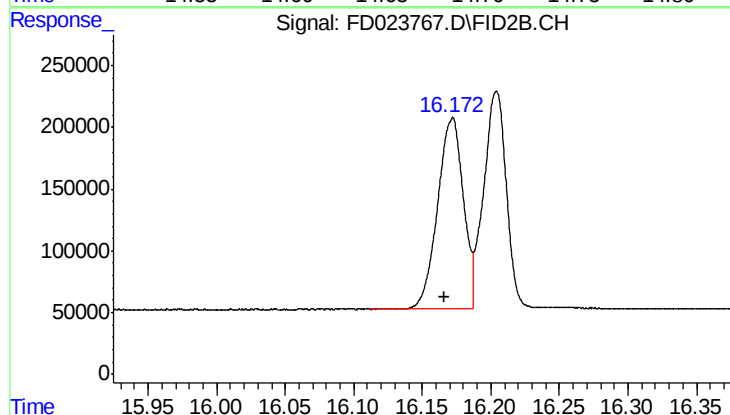
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.624 min
Delta R.T.: 0.005 min
Response: 2000662
Conc: 19.85 ug/ml



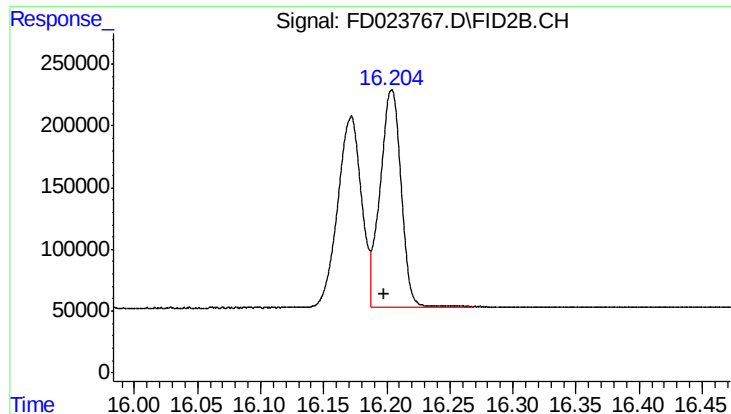
#15 Chrysene (C27.41)

R.T.: 14.665 min
Delta R.T.: 0.005 min
Response: 2021906
Conc: 19.84 ug/ml



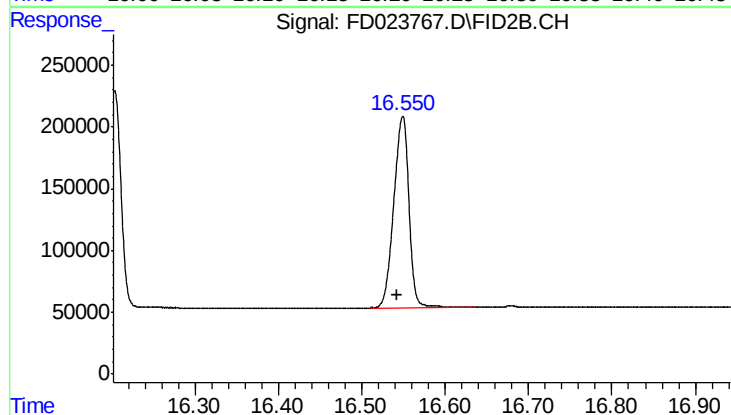
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.006 min
Response: 2016712
Conc: 19.97 ug/ml



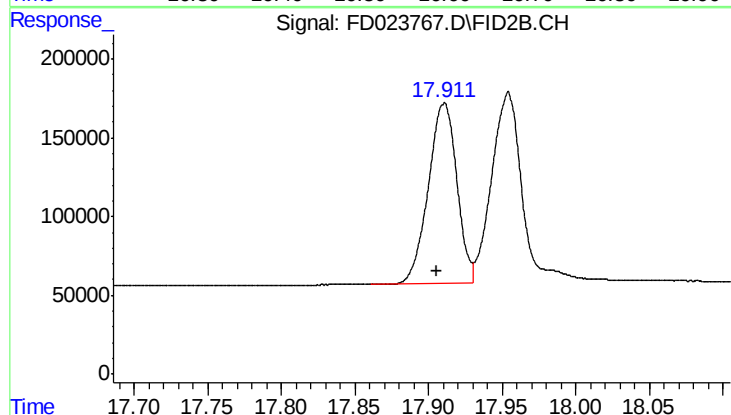
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.204 min
Delta R.T.: 0.006 min
Response: 2032048
Conc: 19.84 ug/ml



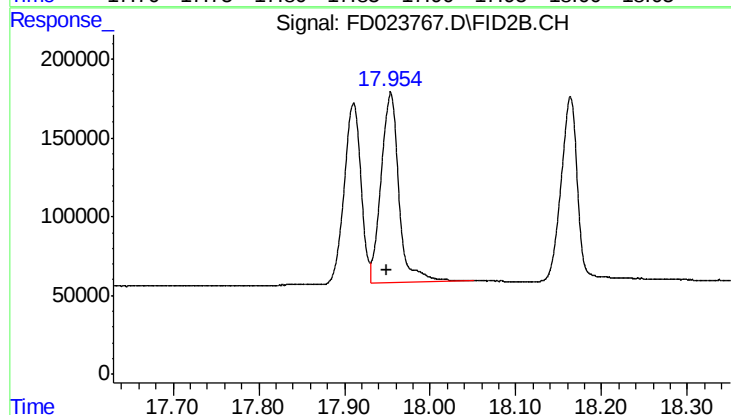
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.549 min
Delta R.T.: 0.007 min
Response: 1967539
Conc: 19.98 ug/ml



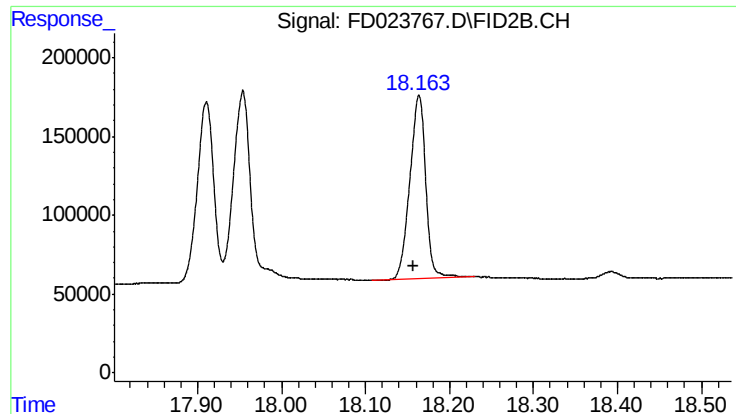
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.005 min
Response: 1546437
Conc: 18.78 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.004 min
Response: 1760142
Conc: 19.53 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.006 min
Response: 1525709
Conc: 18.30 ug/ml