

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031919AL\
 Data File : FD028424.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2019 00:29
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 20 02:23:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.191	2425432	17.428 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	12.636	1794992	16.712 ug/ml
Spiked Amount 50.000		Recovery =	33.42%
Target Compounds			
1) T n-Nonane (C9)	3.040	1815777	19.867 ug/mlm
2) T n-Decane (C10)	4.095	1875003	20.108 ug/ml
3) T A~Naphthalene (C11.7)	5.645	2108592	20.000 ug/ml
4) T n-Dodecane (C12)	6.098	1916444	20.303 ug/ml
5) T A~2-methylnaphthalene...	6.693	2121343	19.799 ug/ml
6) T n-Tetradecane (C14)	7.879	1935218	19.814 ug/ml
7) T n-Hexadecane (C16)	9.468	1910222	18.847 ug/ml
8) T n-Octadecane (C18)	10.899	1872761	17.694 ug/ml
10) T n-Eicosane (C20)	12.200	1842499	17.097 ug/ml
11) T n-Heneicosane (C21)	12.807	1818255	17.102 ug/ml
13) T n-Docosane (C22)	13.390	1807655	16.933 ug/ml
14) T n-Tetracosane (C24)	14.484	1779774	16.911 ug/ml
15) T n-Hexacosane (C26)	15.497	1752273	17.160 ug/ml
16) T n-Octacosane (C28)	16.439	1743969	17.587 ug/ml
17) T n-Tricontane (C30)	17.319	1735577	18.379 ug/ml
18) T n-Dotriacontane (C32)	18.145	1660295	19.250 ug/mlm
19) T n-Tetratriacontane (C34)	18.923	1489955	20.012 ug/mlm
20) T n-Hexatriacontane (C36)	19.655	1365419	21.191 ug/mlm
21) T n-Octatriacontane (C38)	20.349	1318716	21.893 ug/mlm
22) T n-Tetracontane (C40)	21.112	1275032	21.540 ug/mlm

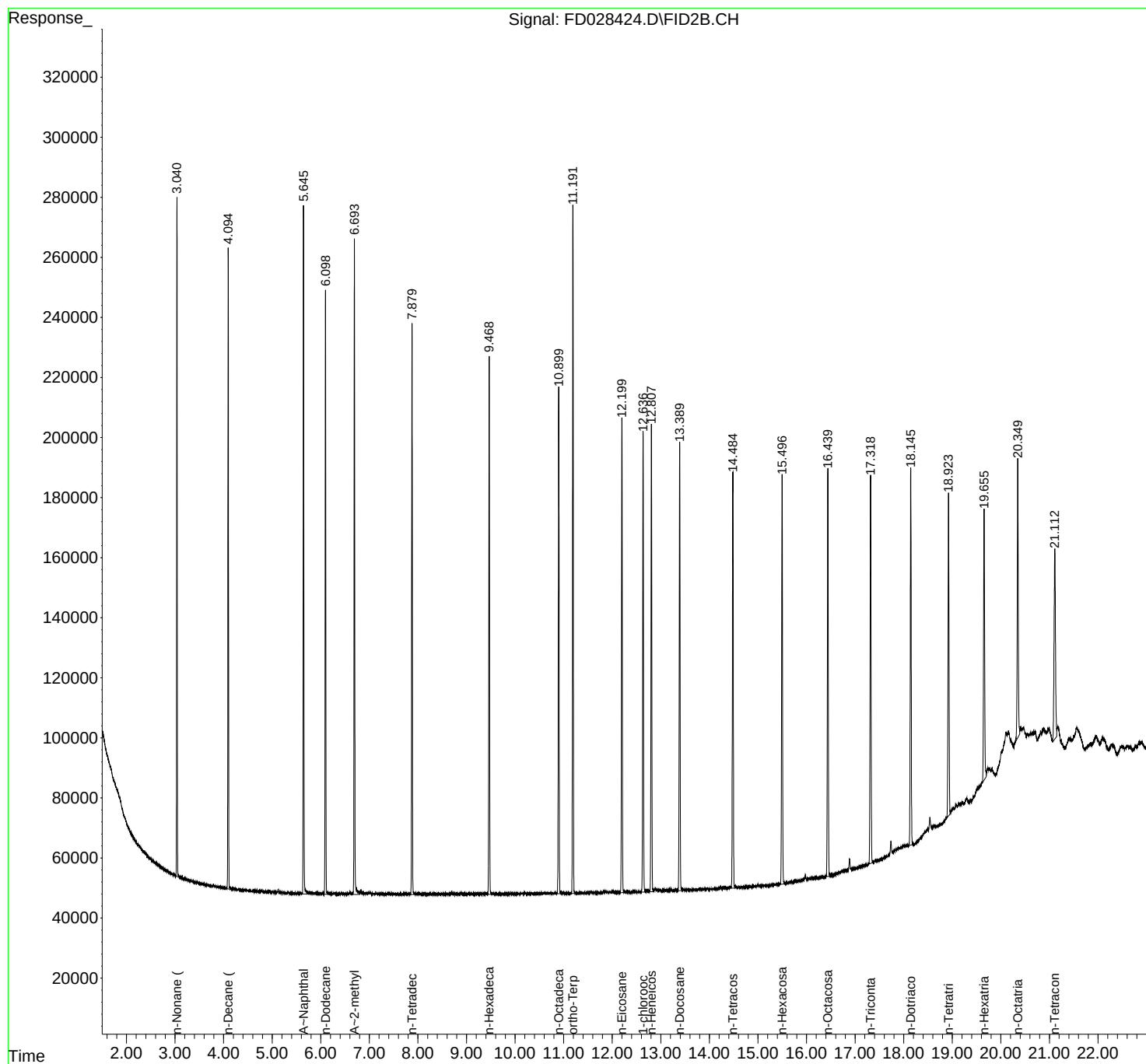
(f)=RT Delta > 1/2 Window

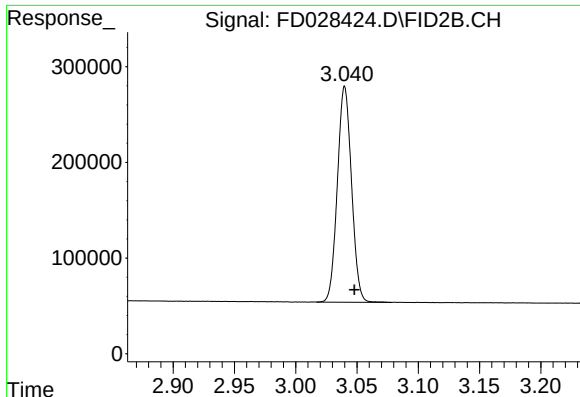
(m)=manual int.

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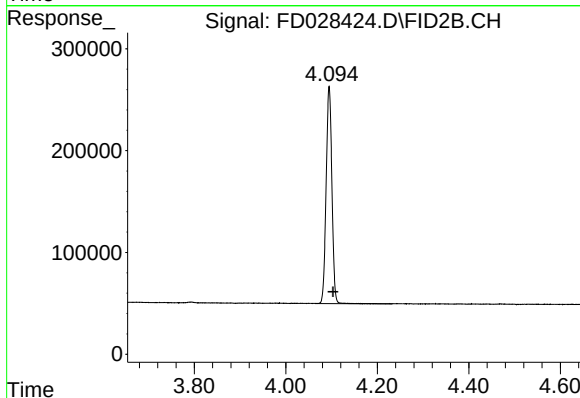
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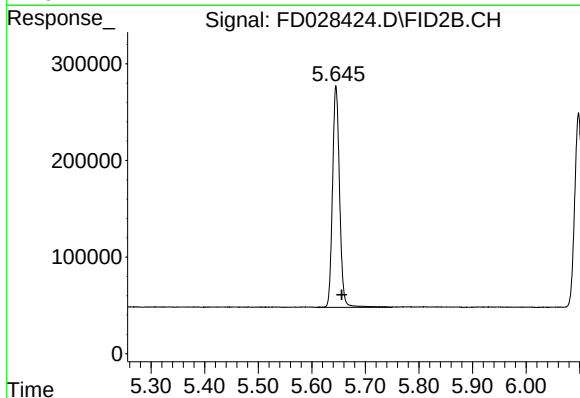
#1 n-Nonane (C9)

R.T.: 3.040 min
Delta R.T.: -0.008 min
Response: 1815777
Conc: 19.87 ug/ml m



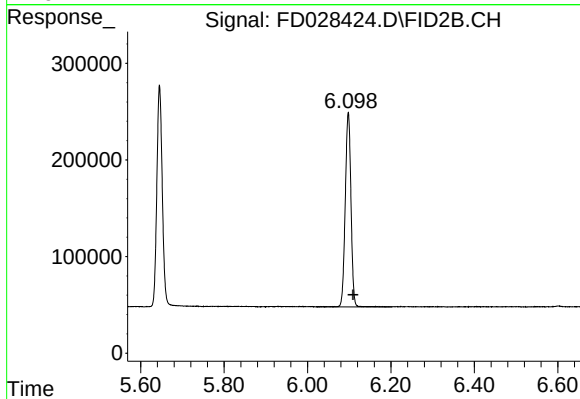
#2 n-Decane (C10)

R.T.: 4.095 min
Delta R.T.: -0.009 min
Response: 1875003
Conc: 20.11 ug/ml



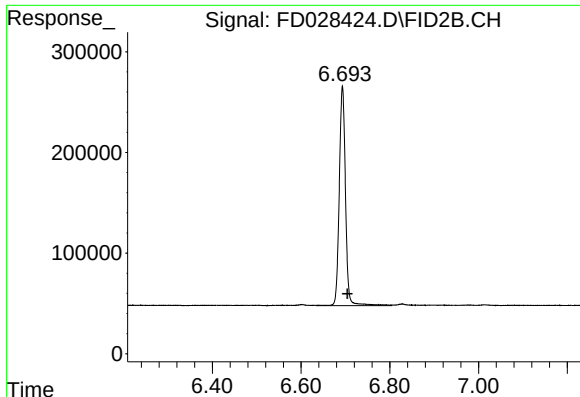
#3 A~Naphthalene (C11.7)

R.T.: 5.645 min
Delta R.T.: -0.011 min
Response: 2108592
Conc: 20.00 ug/ml



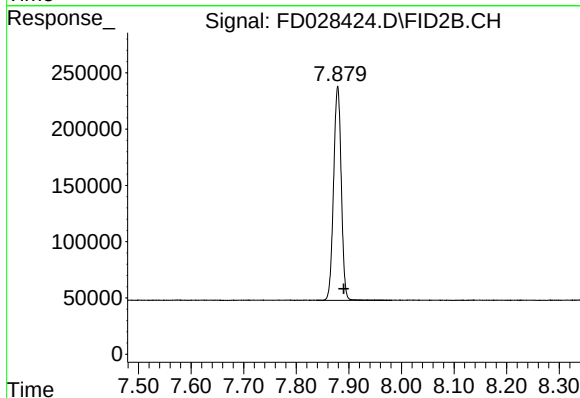
#4 n-Dodecane (C12)

R.T.: 6.098 min
Delta R.T.: -0.011 min
Response: 1916444
Conc: 20.30 ug/ml



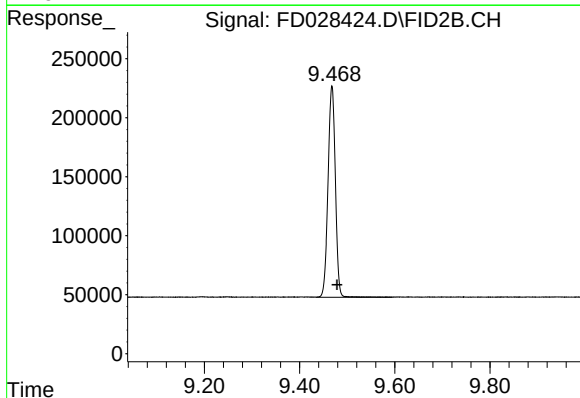
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.693 min
Delta R.T.: -0.011 min
Response: 2121343
Conc: 19.80 ug/ml



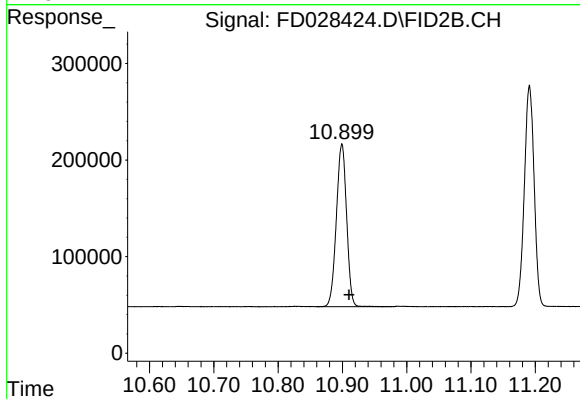
#6 n-Tetradecane (C14)

R.T.: 7.879 min
Delta R.T.: -0.011 min
Response: 1935218
Conc: 19.81 ug/ml



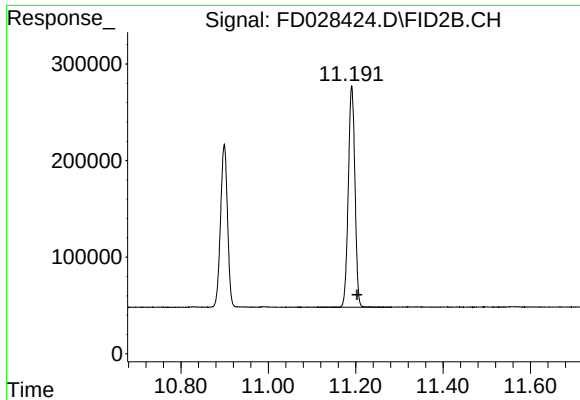
#7 n-Hexadecane (C16)

R.T.: 9.468 min
Delta R.T.: -0.011 min
Response: 1910222
Conc: 18.85 ug/ml



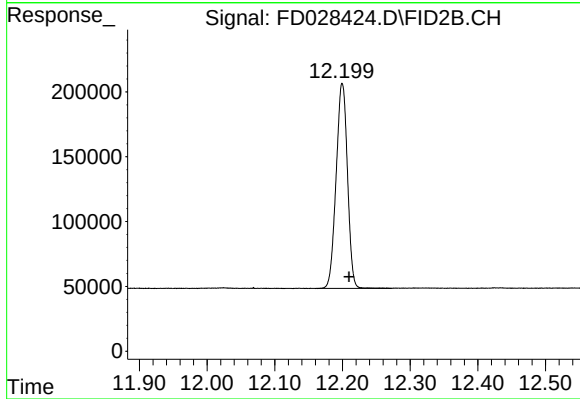
#8 n-Octadecane (C18)

R.T.: 10.899 min
Delta R.T.: -0.011 min
Response: 1872761
Conc: 17.69 ug/ml



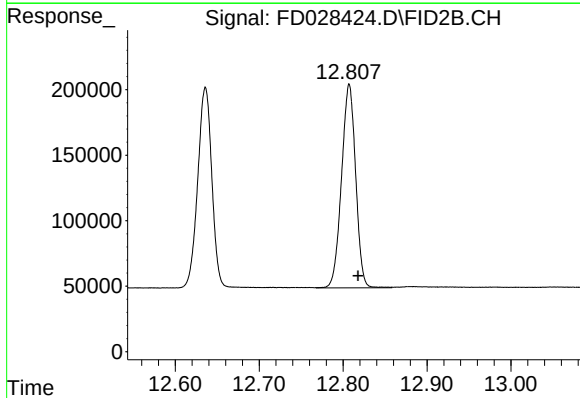
#9 ortho-Terphenyl (SURR)

R.T.: 11.191 min
Delta R.T.: -0.012 min
Response: 2425432
Conc: 17.43 ug/ml



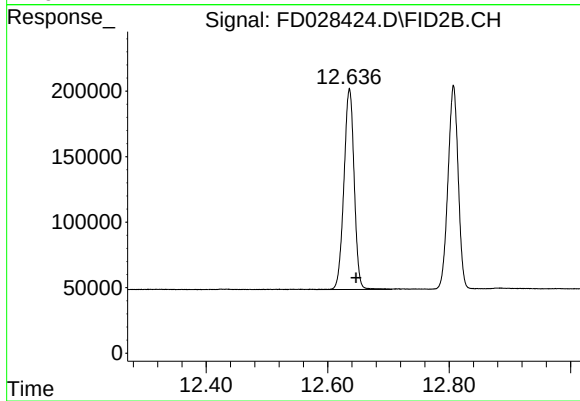
#10 n-Eicosane (C20)

R.T.: 12.200 min
Delta R.T.: -0.010 min
Response: 1842499
Conc: 17.10 ug/ml



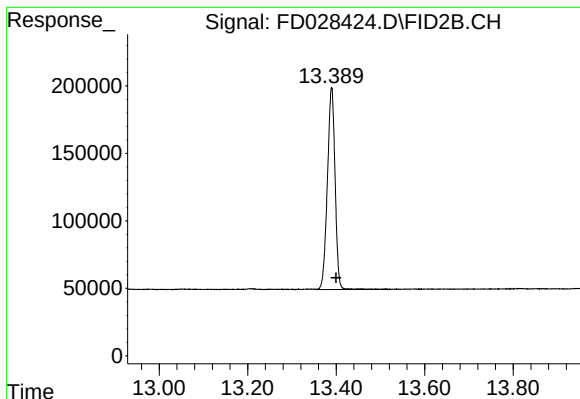
#11 n-Heneicosane (C21)

R.T.: 12.807 min
Delta R.T.: -0.011 min
Response: 1818255
Conc: 17.10 ug/ml



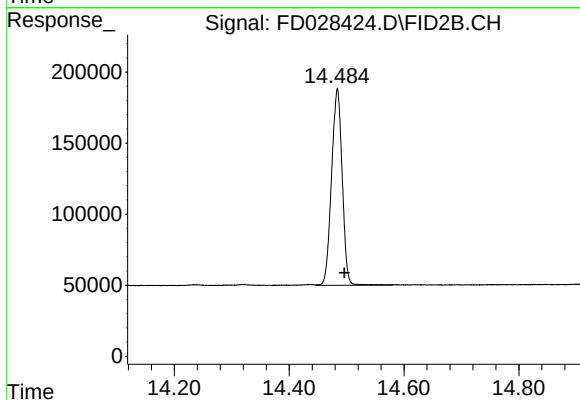
#12 1-chlorooctadecane (SURR)

R.T.: 12.636 min
Delta R.T.: -0.011 min
Response: 1794992
Conc: 16.71 ug/ml



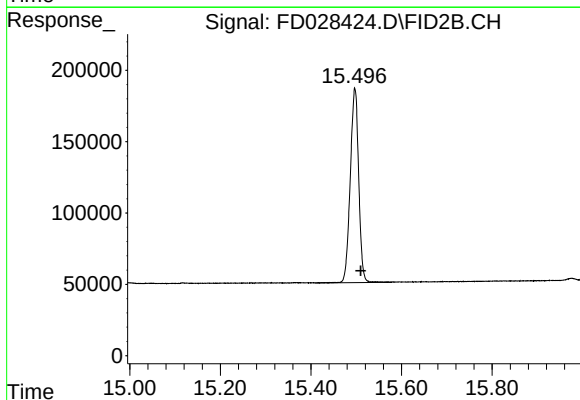
#13 n-Docosane (C22)

R.T.: 13.390 min
Delta R.T.: -0.010 min
Response: 1807655
Conc: 16.93 ug/ml



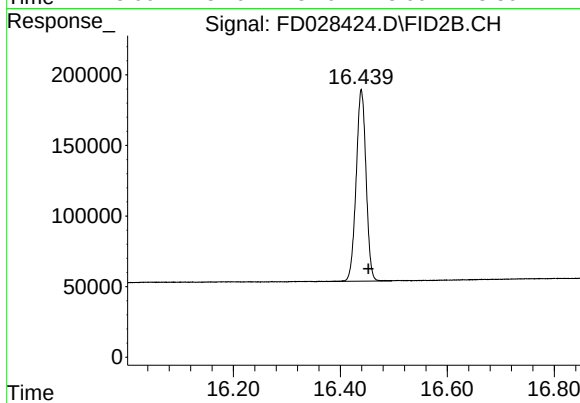
#14 n-Tetracosane (C24)

R.T.: 14.484 min
Delta R.T.: -0.012 min
Response: 1779774
Conc: 16.91 ug/ml



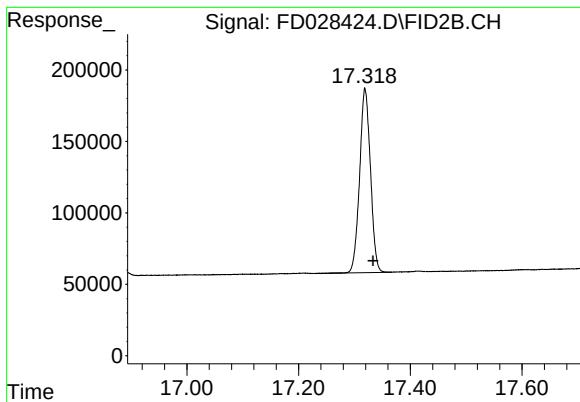
#15 n-Hexacosane (C26)

R.T.: 15.497 min
Delta R.T.: -0.013 min
Response: 1752273
Conc: 17.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.439 min
Delta R.T.: -0.013 min
Response: 1743969
Conc: 17.59 ug/ml



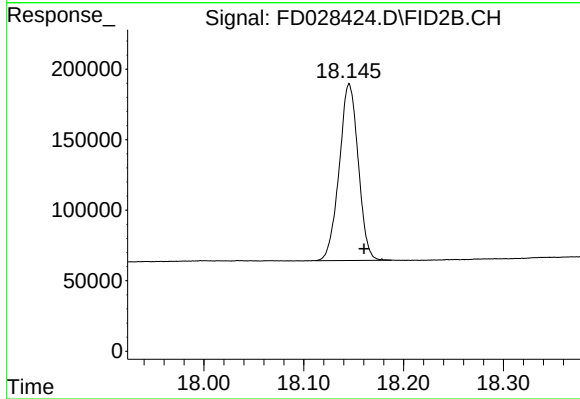
#17 n-Tricontane (C30)

R.T.: 17.319 min

Delta R.T.: -0.014 min

Response: 1735577

Conc: 18.38 ug/ml



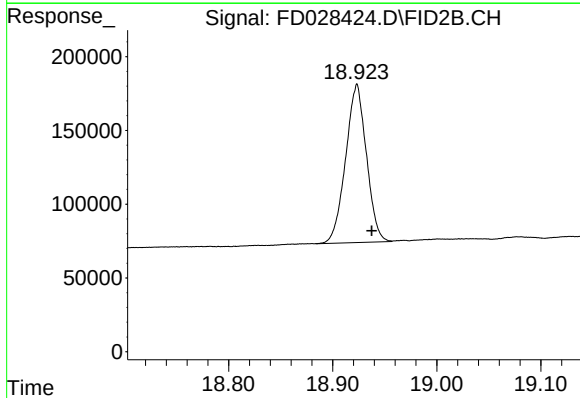
#18 n-Dotriacontane (C32)

R.T.: 18.145 min

Delta R.T.: -0.015 min

Response: 1660295

Conc: 19.25 ug/ml m



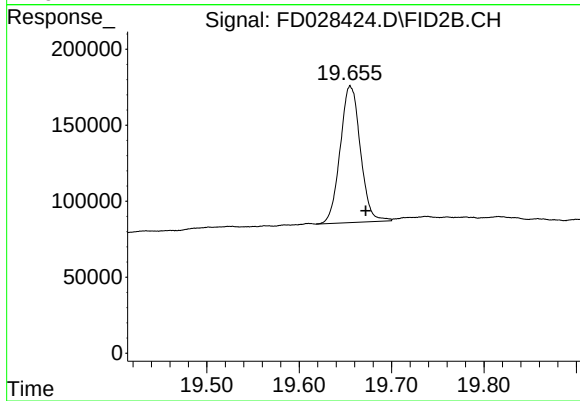
#19 n-Tetratriacontane (C34)

R.T.: 18.923 min

Delta R.T.: -0.015 min

Response: 1489955

Conc: 20.01 ug/ml m



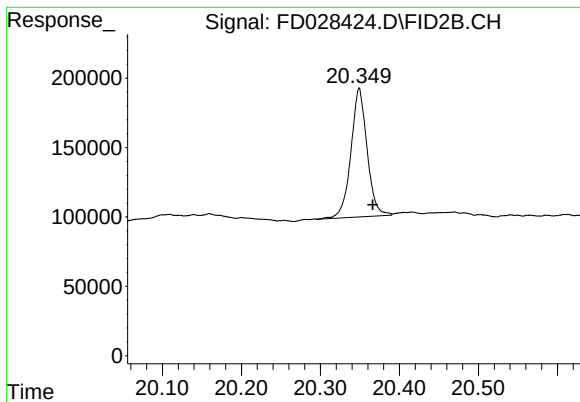
#20 n-Hexatriacontane (C36)

R.T.: 19.655 min

Delta R.T.: -0.017 min

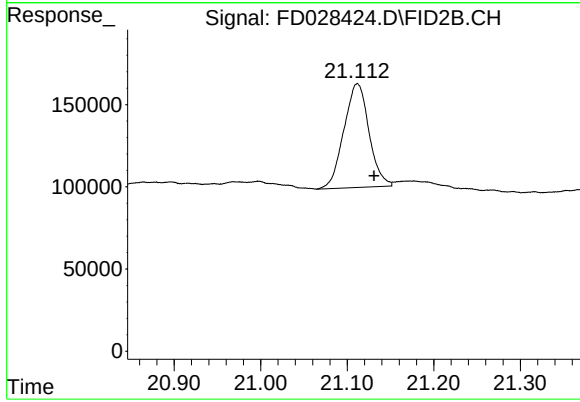
Response: 1365419

Conc: 21.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 1318716
Conc: 21.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.112 min
Delta R.T.: -0.019 min
Response: 1275032
Conc: 21.54 ug/ml m