

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051319AL\
 Data File : FC041183.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2019 7:50
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 14 08:31:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 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)	11.020	2180311	20.928 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
12) S 1-chlorooctadecane (S...	12.448	1741352	21.016 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
Target Compounds			
1) T n-Nonane (C9)	2.864	1844771	20.445 ug/ml
2) T n-Decane (C10)	3.884	1878118	20.451 ug/ml
3) T A~Naphthalene (C11.7)	5.459	2186390	21.040 ug/ml
4) T n-Dodecane (C12)	5.875	1884242	20.325 ug/ml
5) T A~2-methylnaphthalene...	6.506	2200547	20.981 ug/ml
6) T n-Tetradecane (C14)	7.663	1908614	20.049 ug/ml
7) T n-Hexadecane (C16)	9.258	1916842	19.907 ug/ml
8) T n-Octadecane (C18)	10.697	1932204	19.884 ug/ml
10) T n-Eicosane (C20)	12.003	1972089	20.579 ug/ml
11) T n-Heneicosane (C21)	12.614	1978445	21.145 ug/ml
13) T n-Docosane (C22)	13.199	1998749	21.602 ug/ml
14) T n-Tetracosane (C24)	14.299	2019017	22.158 ug/ml
15) T n-Hexacosane (C26)	15.318	2026290	22.575 ug/ml
16) T n-Octacosane (C28)	16.266	2043131	21.803 ug/ml
17) T n-Tricontane (C30)	17.153	2005711	18.765 ug/ml
18) T n-Dotriacontane (C32)	17.984	1877384	19.018 ug/ml
19) T n-Tetratriacontane (C34)	18.800	1592606	20.917 ug/ml
20) T n-Hexatriacontane (C36)	19.821	1377059	20.659 ug/ml
21) T n-Octatriacontane (C38)	21.207	1245745	19.444 ug/ml
22) T n-Tetracontane (C40)	23.123	1107277	17.573 ug/ml

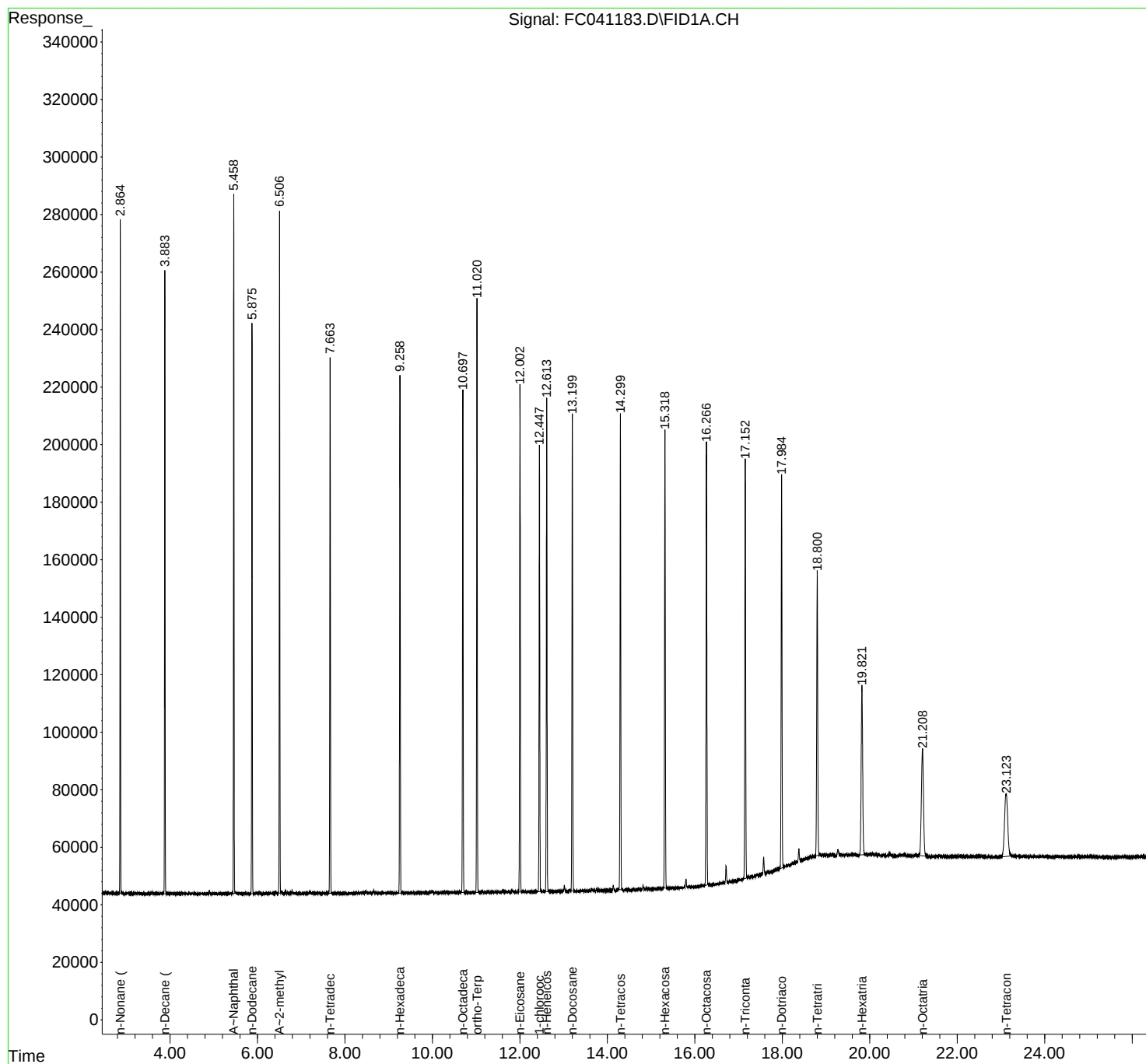
(f)=RT Delta > 1/2 Window

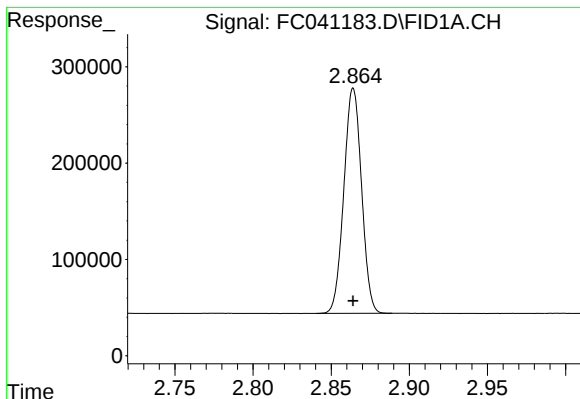
(m)=manual int.

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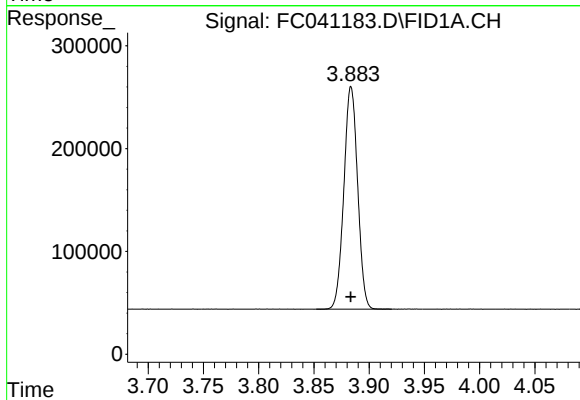
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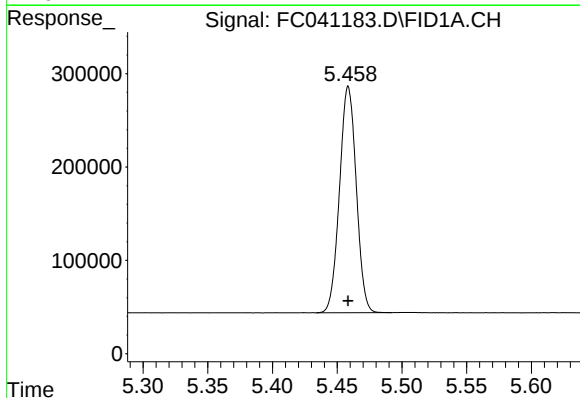
#1 n-Nonane (C9)

R.T.: 2.864 min
Delta R.T.: 0.000 min
Response: 1844771
Conc: 20.45 ug/ml



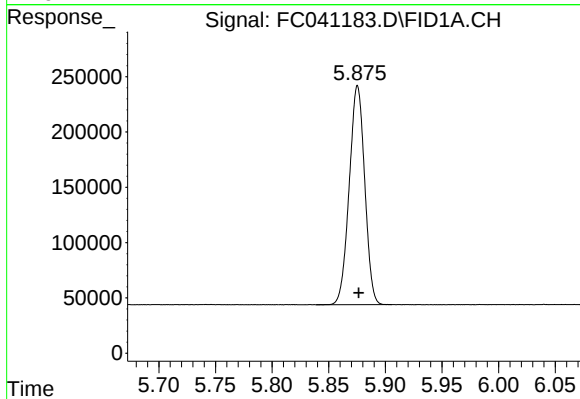
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 1878118
Conc: 20.45 ug/ml



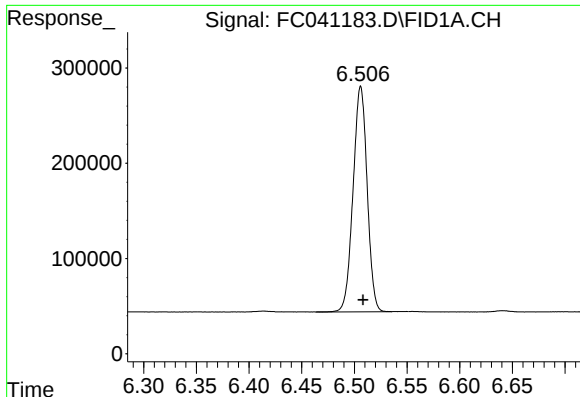
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 2186390
Conc: 21.04 ug/ml



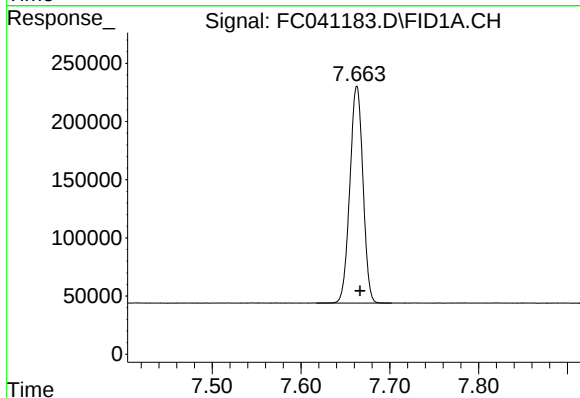
#4 n-Dodecane (C12)

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 1884242
Conc: 20.33 ug/ml



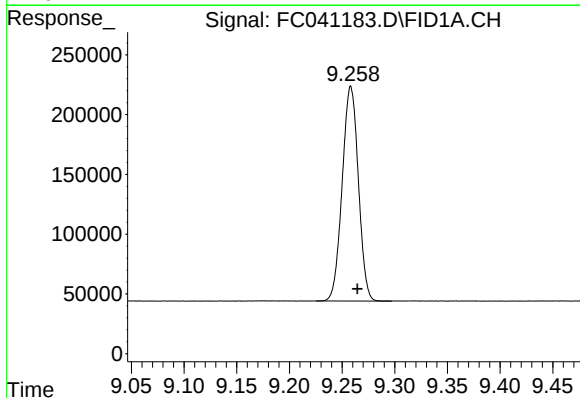
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 2200547
Conc: 20.98 ug/ml



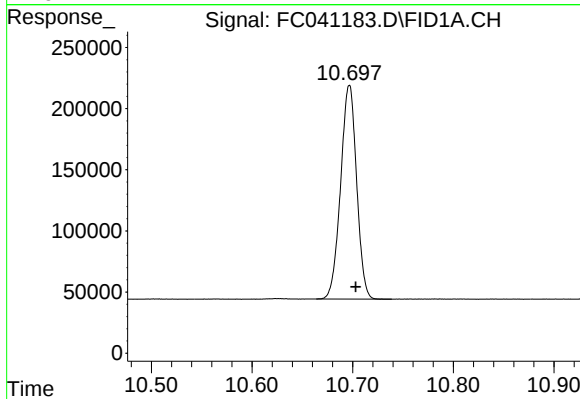
#6 n-Tetradecane (C14)

R.T.: 7.663 min
Delta R.T.: -0.004 min
Response: 1908614
Conc: 20.05 ug/ml



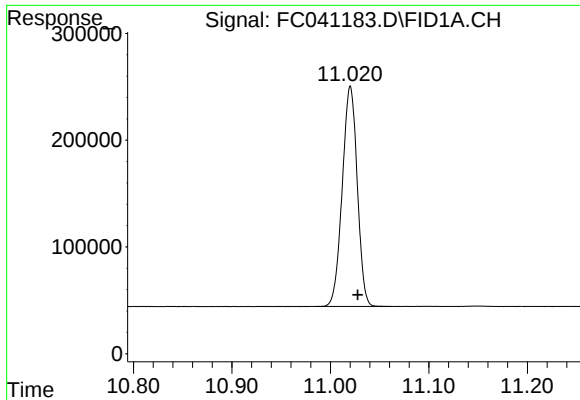
#7 n-Hexadecane (C16)

R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 1916842
Conc: 19.91 ug/ml



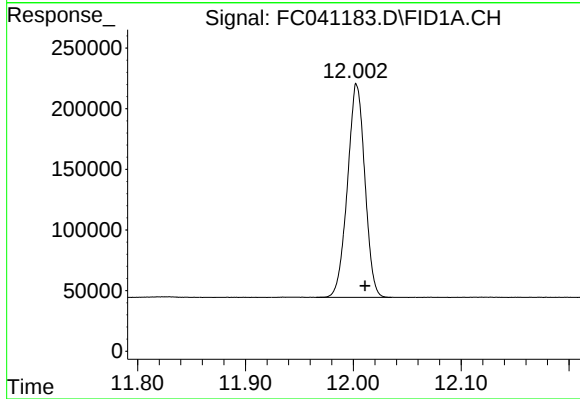
#8 n-Octadecane (C18)

R.T.: 10.697 min
Delta R.T.: -0.006 min
Response: 1932204
Conc: 19.88 ug/ml



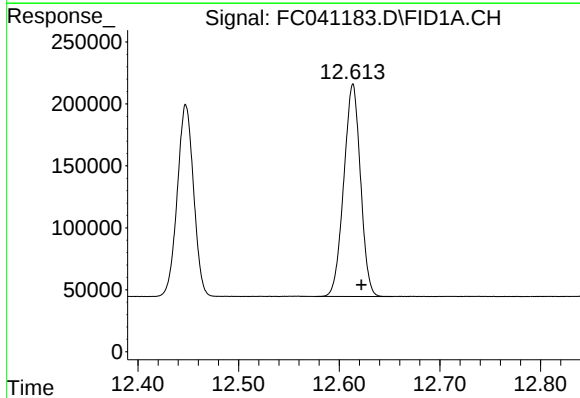
#9 ortho-Terphenyl (SURR)

R.T.: 11.020 min
Delta R.T.: -0.007 min
Response: 2180311
Conc: 20.93 ug/ml



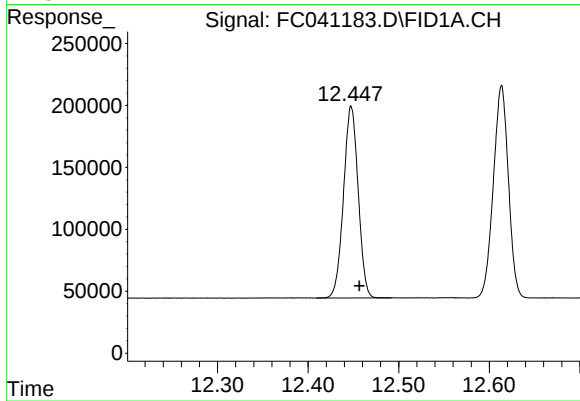
#10 n-Eicosane (C20)

R.T.: 12.003 min
Delta R.T.: -0.008 min
Response: 1972089
Conc: 20.58 ug/ml



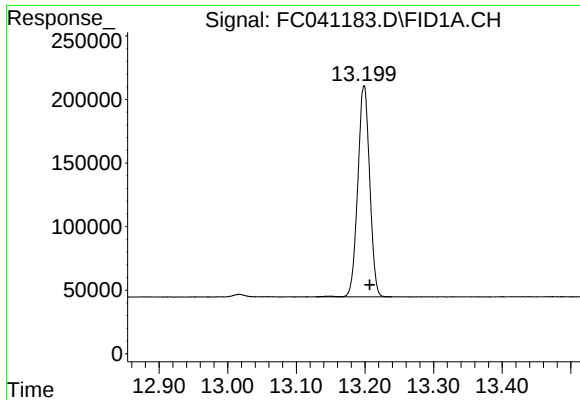
#11 n-Heneicosane (C21)

R.T.: 12.614 min
Delta R.T.: -0.008 min
Response: 1978445
Conc: 21.15 ug/ml



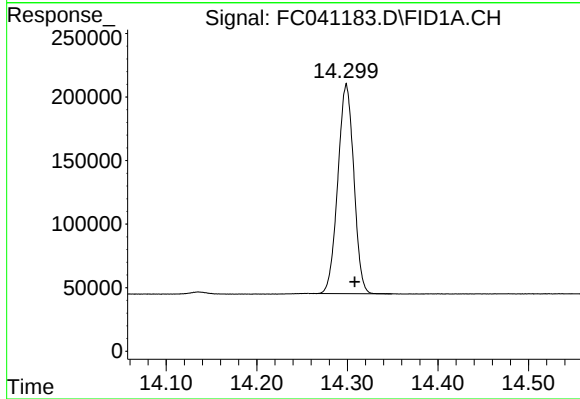
#12 1-chlorooctadecane (SURR)

R.T.: 12.448 min
Delta R.T.: -0.009 min
Response: 1741352
Conc: 21.02 ug/ml



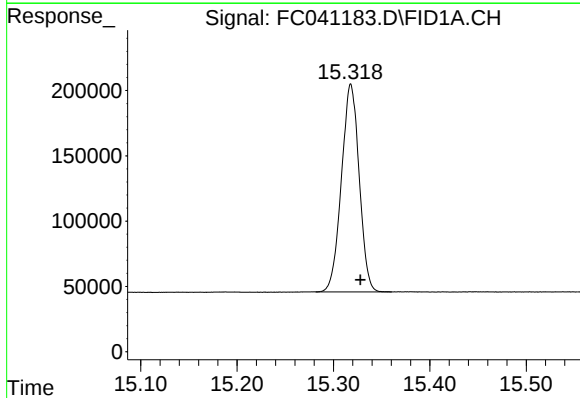
#13 n-Docosane (C22)

R.T.: 13.199 min
Delta R.T.: -0.009 min
Response: 1998749
Conc: 21.60 ug/ml



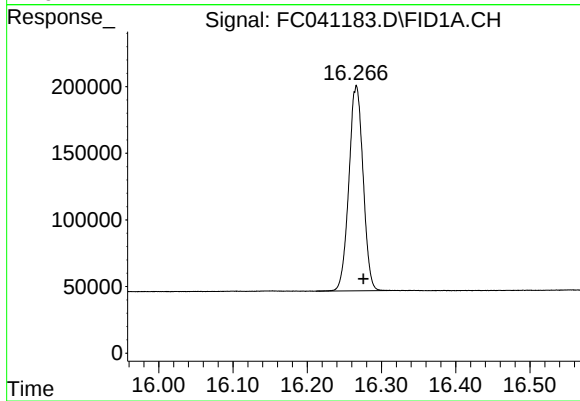
#14 n-Tetracosane (C24)

R.T.: 14.299 min
Delta R.T.: -0.009 min
Response: 2019017
Conc: 22.16 ug/ml



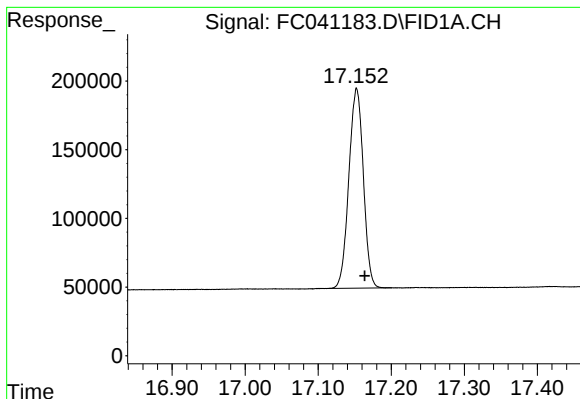
#15 n-Hexacosane (C26)

R.T.: 15.318 min
Delta R.T.: -0.010 min
Response: 2026290
Conc: 22.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.266 min
Delta R.T.: -0.010 min
Response: 2043131
Conc: 21.80 ug/ml



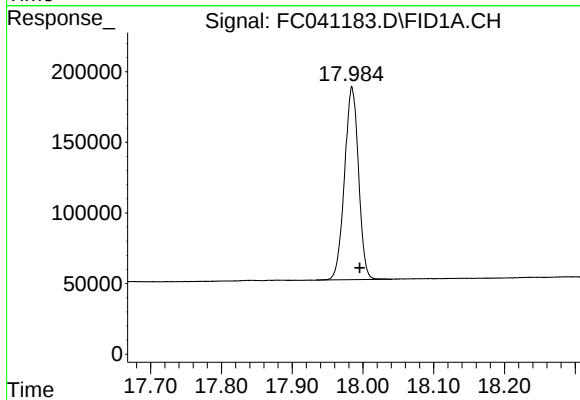
#17 n-Tricontane (C30)

R.T.: 17.153 min

Delta R.T.: -0.011 min

Response: 2005711

Conc: 18.76 ug/ml



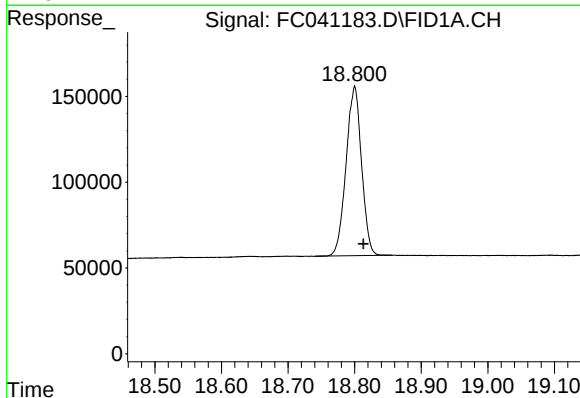
#18 n-Dotriacontane (C32)

R.T.: 17.984 min

Delta R.T.: -0.011 min

Response: 1877384

Conc: 19.02 ug/ml



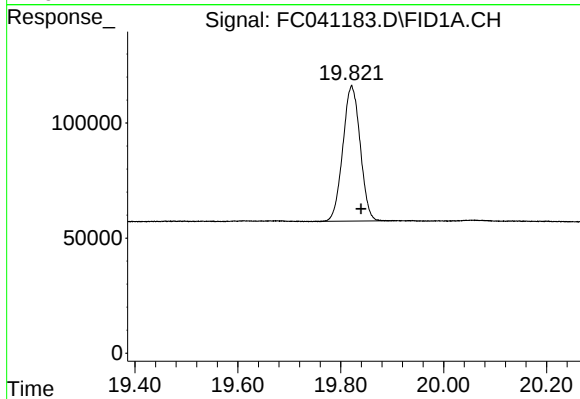
#19 n-Tetratriacontane (C34)

R.T.: 18.800 min

Delta R.T.: -0.013 min

Response: 1592606

Conc: 20.92 ug/ml



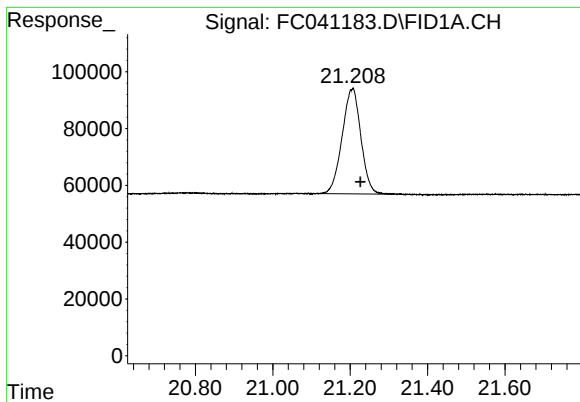
#20 n-Hexatriacontane (C36)

R.T.: 19.821 min

Delta R.T.: -0.018 min

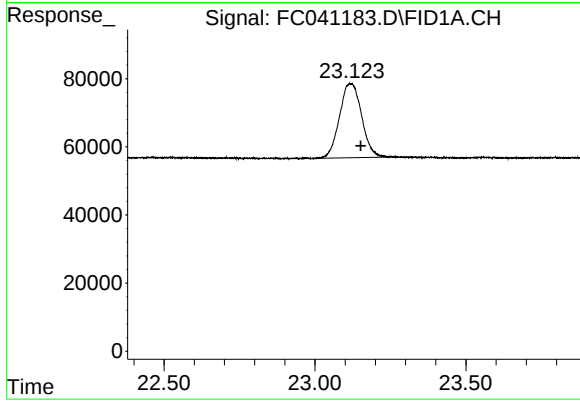
Response: 1377059

Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.019 min
Response: 1245745
Conc: 19.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.123 min
Delta R.T.: -0.028 min
Response: 1107277
Conc: 17.57 ug/ml