

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072821AL\
 Data File : FC054903.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jul 2021 23:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 02:04:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 2021
 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)	11.316	2695293	19.377 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	12.760	2097850	18.872 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T n-Nonane (C9)	3.134	2508634	21.864 ug/ml
2) T n-Decane (C10)	4.185	2549633	21.939 ug/ml
3) T A~Naphthalene (C11.7)	5.752	2651835	22.040 ug/ml
4) T n-Dodecane (C12)	6.191	2608235	21.822 ug/ml
5) T A~2-methylnaphthalene...	6.805	2694268	22.061 ug/ml
6) T n-Tetradecane (C14)	7.979	2637879	21.443 ug/ml
7) T n-Hexadecane (C16)	9.574	2625989	20.831 ug/ml
8) T n-Octadecane (C18)	11.012	2623933	20.018 ug/ml
10) T n-Eicosane (C20)	12.318	2534320	19.234 ug/ml
11) T n-Heneicosane (C21)	12.929	2511375	18.857 ug/ml
13) T n-Docosane (C22)	13.513	2450810	18.507 ug/ml
14) T n-Tetracosane (C24)	14.614	2369985	17.976 ug/ml
15) T n-Hexacosane (C26)	15.633	2275392	17.691 ug/ml
16) T n-Octacosane (C28)	16.581	2243810	17.037 ug/ml
17) T n-Tricontane (C30)	17.469	2176247	15.293 ug/ml
18) T n-Dotriacontane (C32)	18.301	2121240	17.141 ug/ml
19) T n-Tetratriacontane (C34)	19.084	2118876	20.694 ug/ml
20) T n-Hexatriacontane (C36)	19.823	2103779	22.214 ug/ml
21) T n-Octatriacontane (C38)	20.530	2168818	23.293 ug/mlm
22) T n-Tetracontane (C40)	21.347	2180949	22.471 ug/mlm

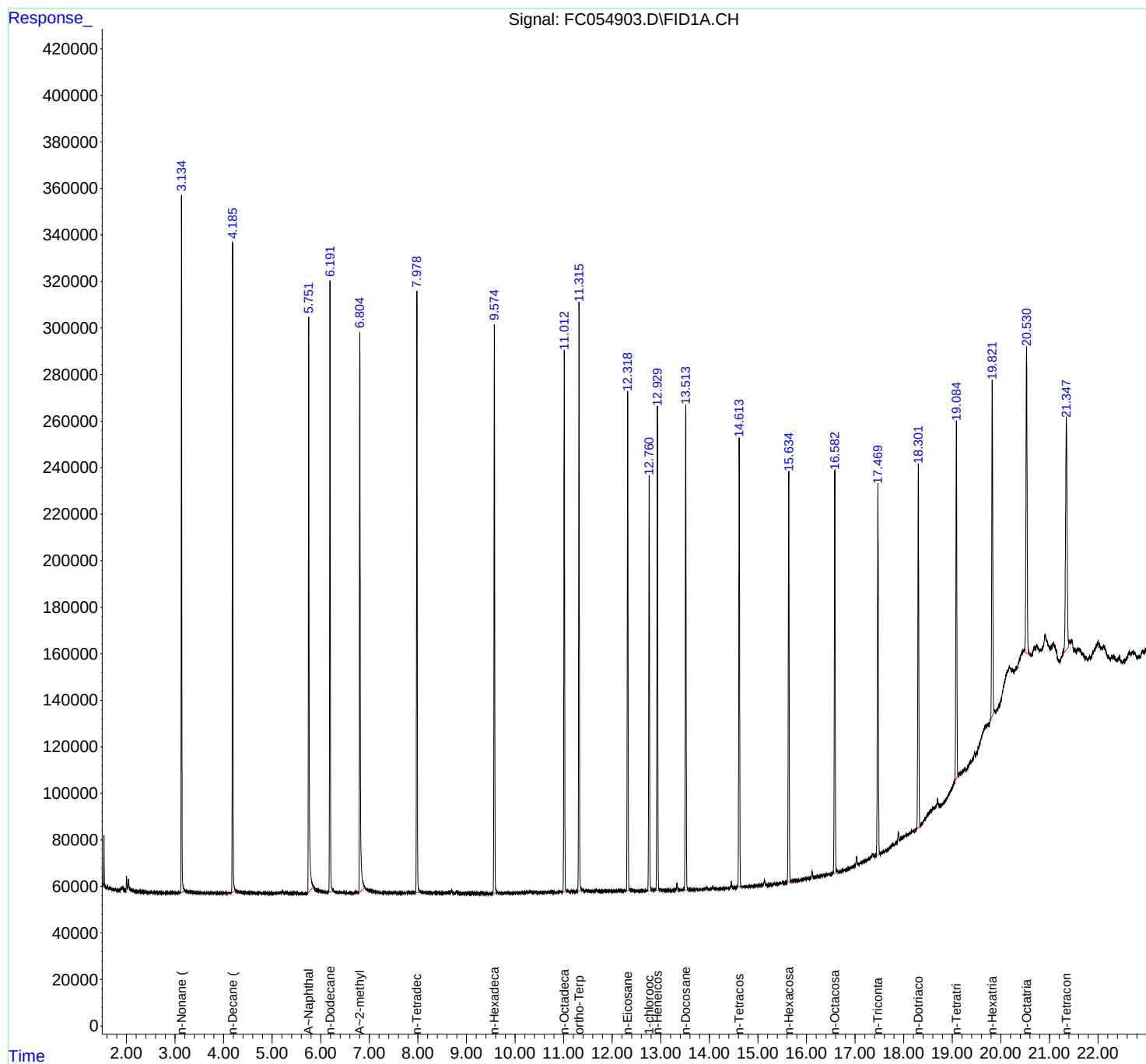
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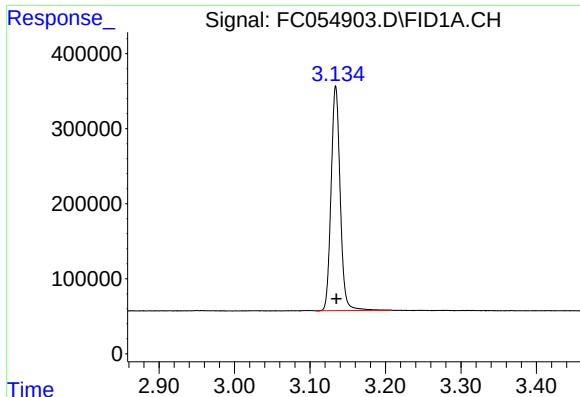
(m)=manual int.

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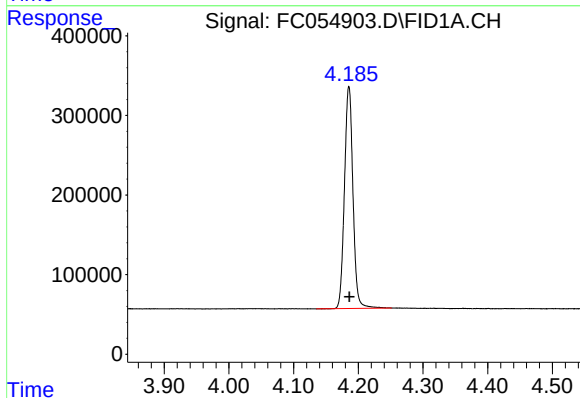
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





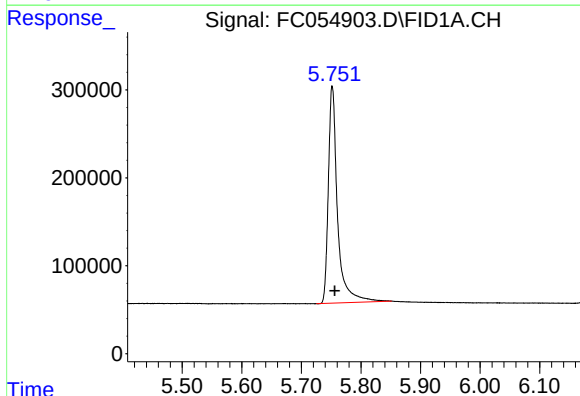
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: 0.000 min
Response: 2508634
Conc: 21.86 ug/ml



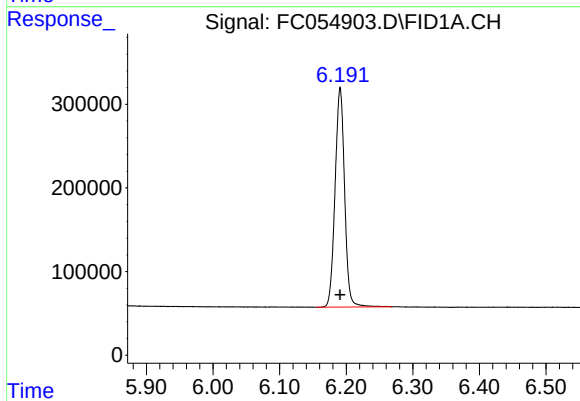
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 2549633
Conc: 21.94 ug/ml



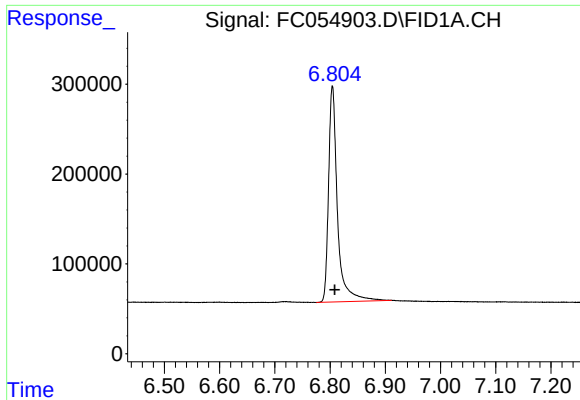
#3 A~Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.004 min
Response: 2651835
Conc: 22.04 ug/ml



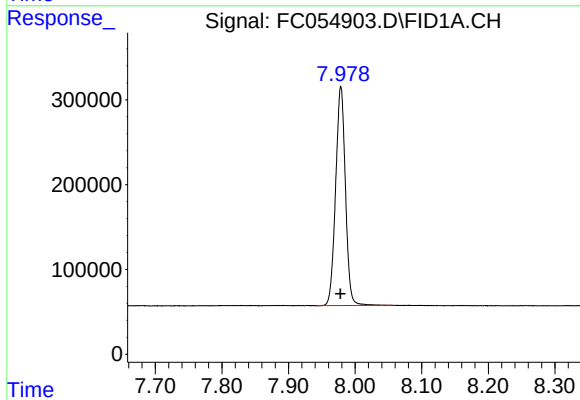
#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 2608235
Conc: 21.82 ug/ml



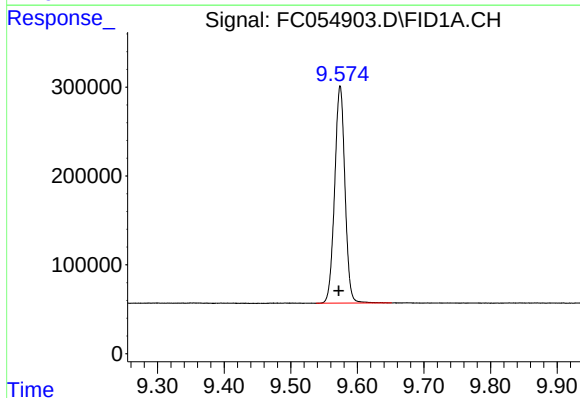
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 2694268
Conc: 22.06 ug/ml



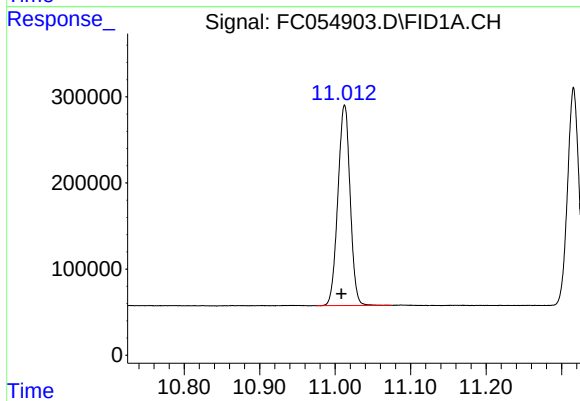
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 2637879
Conc: 21.44 ug/ml



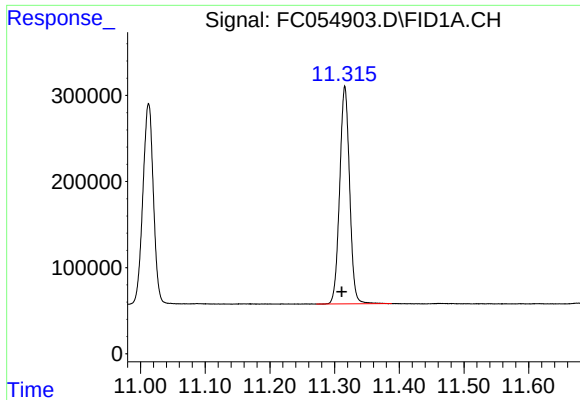
#7 n-Hexadecane (C16)

R.T.: 9.574 min
Delta R.T.: 0.002 min
Response: 2625989
Conc: 20.83 ug/ml



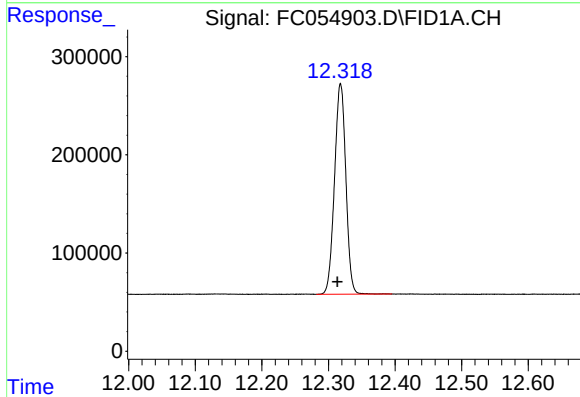
#8 n-Octadecane (C18)

R.T.: 11.012 min
Delta R.T.: 0.004 min
Response: 2623933
Conc: 20.02 ug/ml



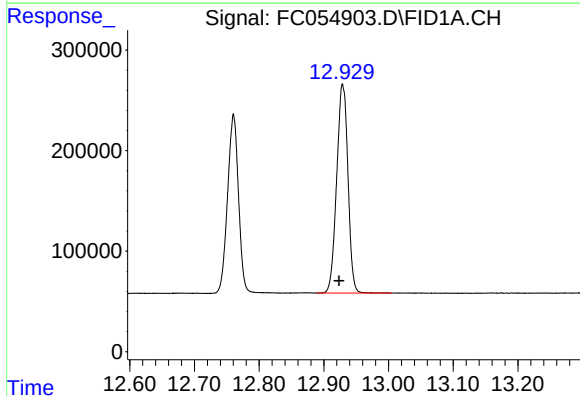
#9 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.005 min
Response: 2695293
Conc: 19.38 ug/ml



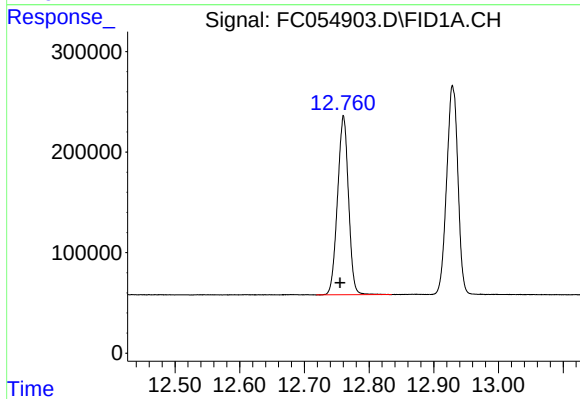
#10 n-Eicosane (C20)

R.T.: 12.318 min
Delta R.T.: 0.004 min
Response: 2534320
Conc: 19.23 ug/ml



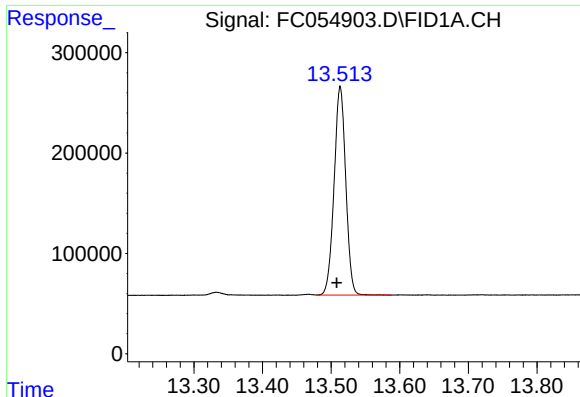
#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: 0.005 min
Response: 2511375
Conc: 18.86 ug/ml



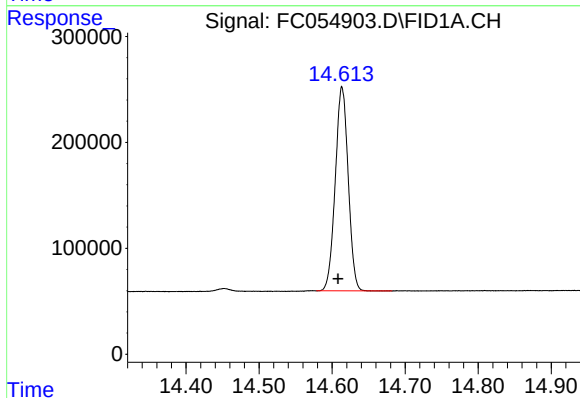
#12 1-chlorooctadecane (SURR)

R.T.: 12.760 min
Delta R.T.: 0.005 min
Response: 2097850
Conc: 18.87 ug/ml



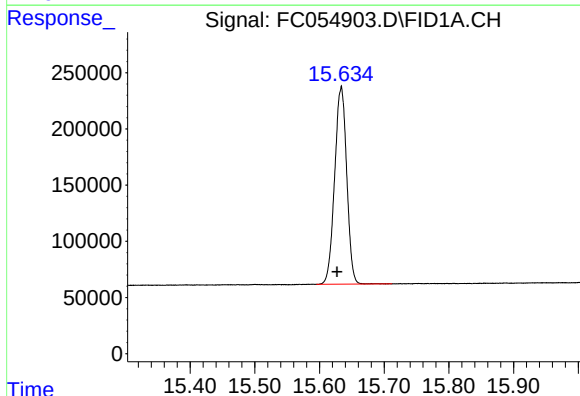
#13 n-Docosane (C22)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 2450810
Conc: 18.51 ug/ml



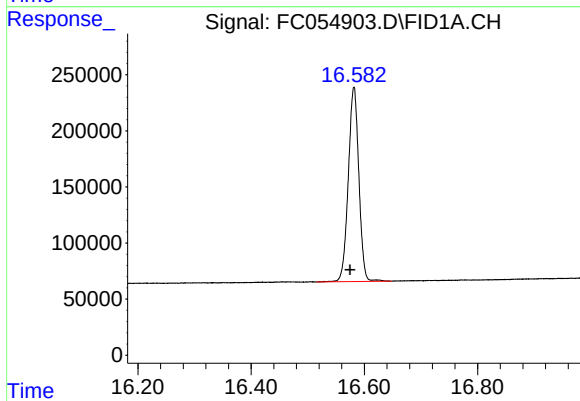
#14 n-Tetracosane (C24)

R.T.: 14.614 min
Delta R.T.: 0.005 min
Response: 2369985
Conc: 17.98 ug/ml



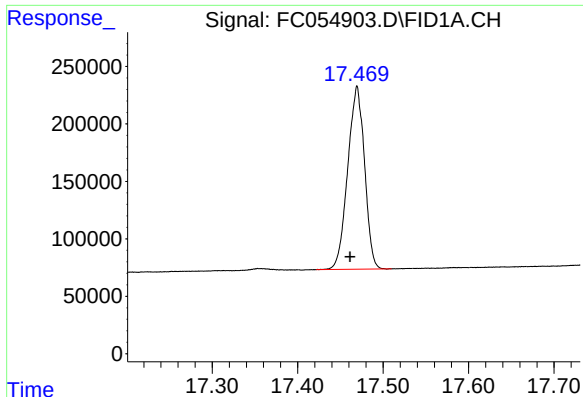
#15 n-Hexacosane (C26)

R.T.: 15.633 min
Delta R.T.: 0.006 min
Response: 2275392
Conc: 17.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.581 min
Delta R.T.: 0.006 min
Response: 2243810
Conc: 17.04 ug/ml



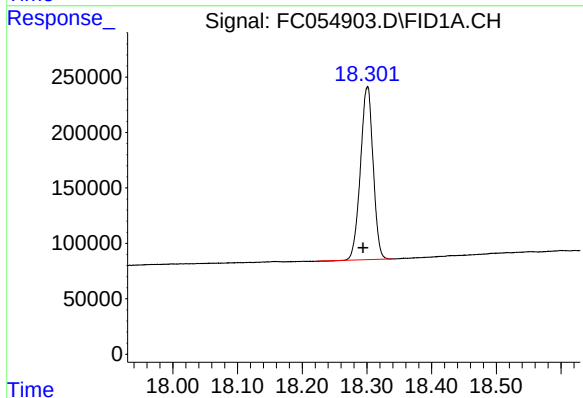
#17 n-Tricontane (C30)

R.T.: 17.469 min

Delta R.T.: 0.008 min

Response: 2176247

Conc: 15.29 ug/ml



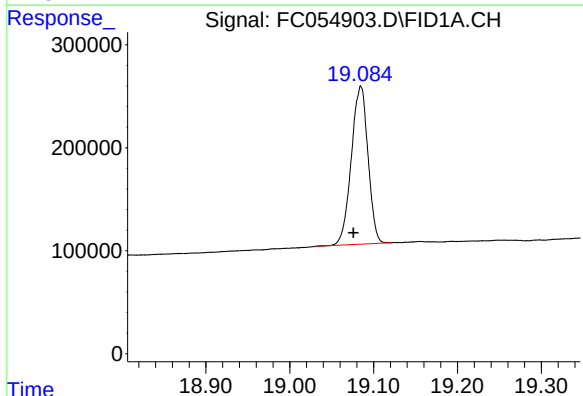
#18 n-Dotriacontane (C32)

R.T.: 18.301 min

Delta R.T.: 0.006 min

Response: 2121240

Conc: 17.14 ug/ml



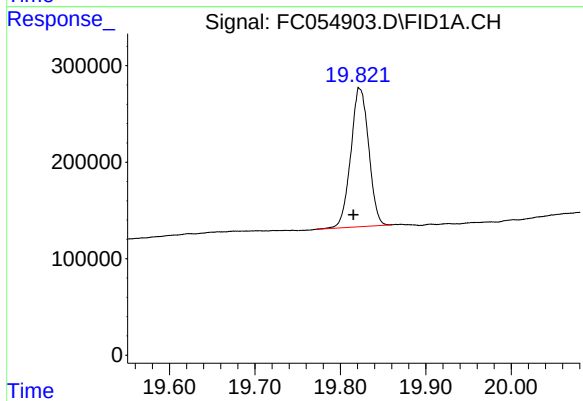
#19 n-Tetratriacontane (C34)

R.T.: 19.084 min

Delta R.T.: 0.008 min

Response: 2118876

Conc: 20.69 ug/ml



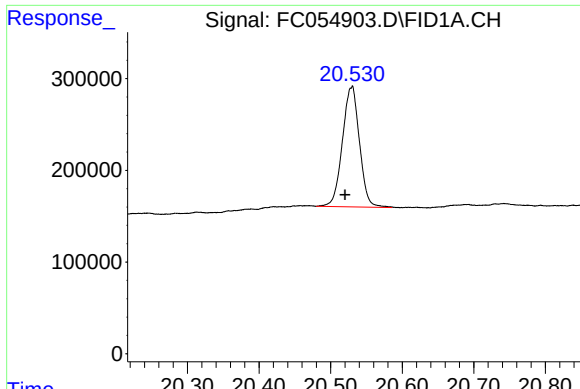
#20 n-Hexatriacontane (C36)

R.T.: 19.823 min

Delta R.T.: 0.008 min

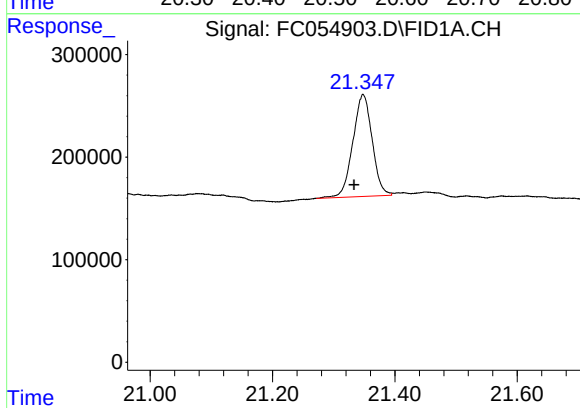
Response: 2103779

Conc: 22.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: 0.010 min
Response: 2168818
Conc: 23.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.347 min
Delta R.T.: 0.014 min
Response: 2180949
Conc: 22.47 ug/ml m