

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083120AL\
 Data File : FC049335.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2020 11:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 31 15:53:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.675	2504381	21.078 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
12) S 1-chlorooctadecane (S...	13.108	2037461	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	3.404	2205374	21.145 ug/ml
2) T n-Decane (C10)	4.481	2269153	21.634 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2585766	21.864 ug/ml
4) T n-Dodecane (C12)	6.507	2336540	22.029 ug/ml
5) T A~2-methylnaphthalene...	7.140	2654908	22.020 ug/ml
6) T n-Tetradecane (C14)	8.306	2348401	22.300 ug/ml
7) T n-Hexadecane (C16)	9.908	2333639	22.233 ug/ml
8) T n-Octadecane (C18)	11.352	2418496	22.014 ug/ml
10) T n-Eicosane (C20)	12.662	2396121	21.532 ug/ml
11) T n-Heneicosane (C21)	13.274	2362840	21.152 ug/ml
13) T n-Docosane (C22)	13.859	2326549	20.699 ug/ml
14) T n-Tetracosane (C24)	14.961	2244976	19.747 ug/ml
15) T n-Hexacosane (C26)	15.981	2149395	18.785 ug/ml
16) T n-Octacosane (C28)	16.930	2090768	17.971 ug/ml
17) T n-Tricontane (C30)	17.818	2015960	17.439 ug/ml
18) T n-Dotriacontane (C32)	18.648	1846485	17.077 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1779735	17.159 ug/mlm
20) T n-Hexatriacontane (C36)	20.168	1714712	17.246 ug/mlm
21) T n-Octatriacontane (C38)	20.921	1659675	17.551 ug/mlm
22) T n-Tetracontane (C40)	21.869	1739755	18.224 ug/mlm

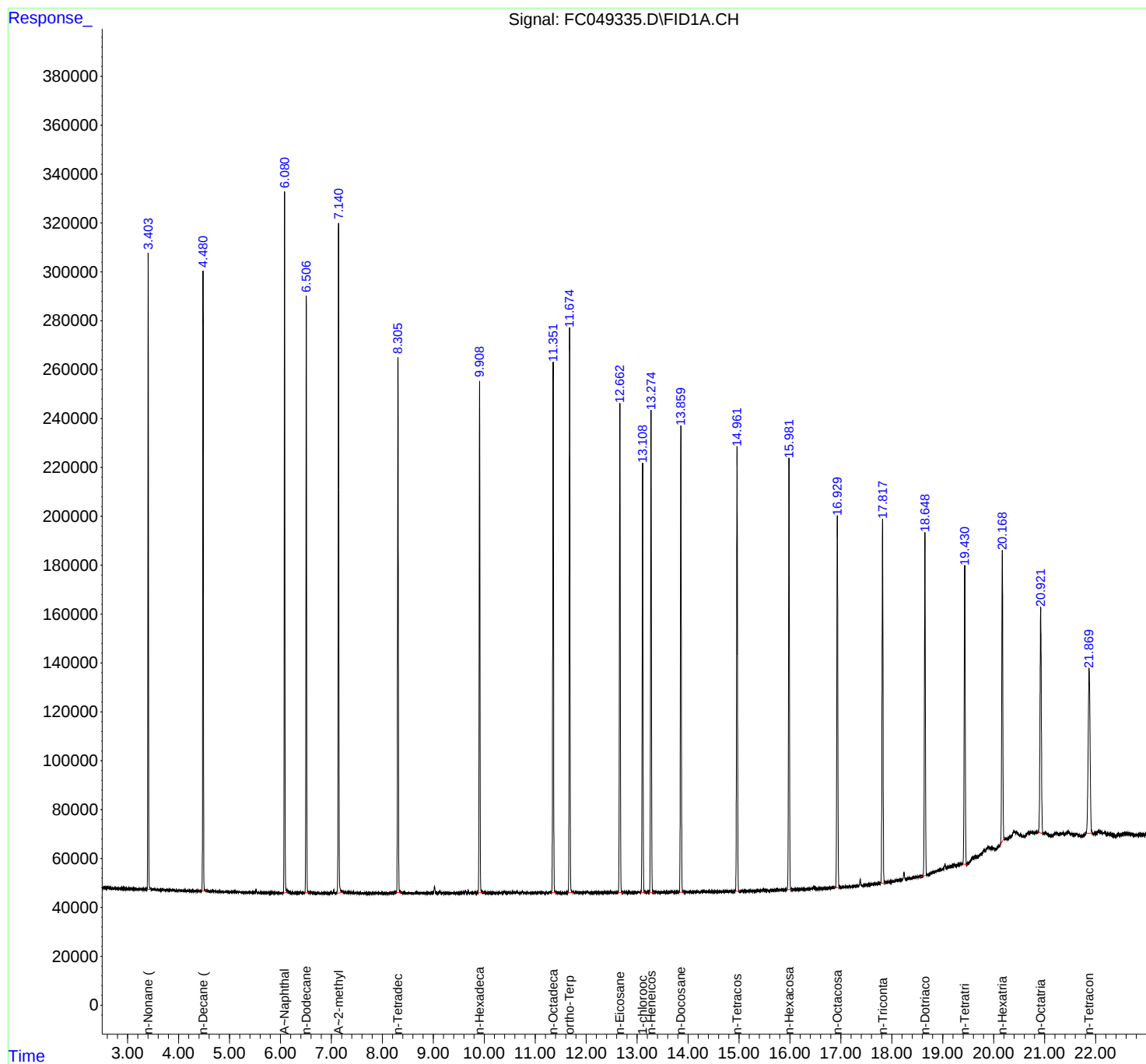
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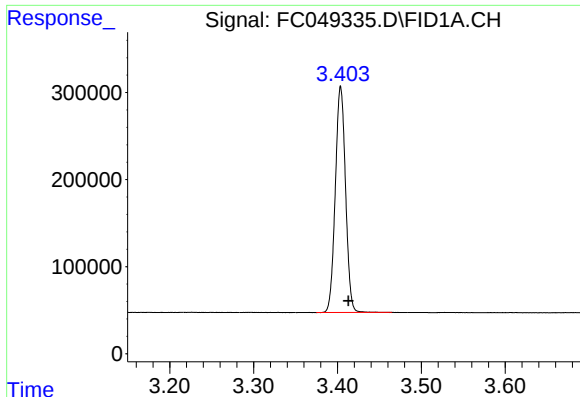
(m)=manual int.

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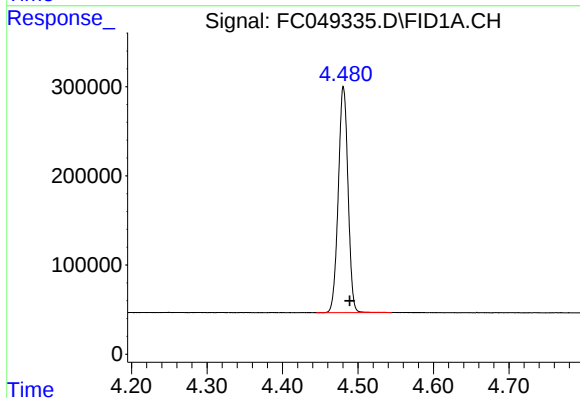
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





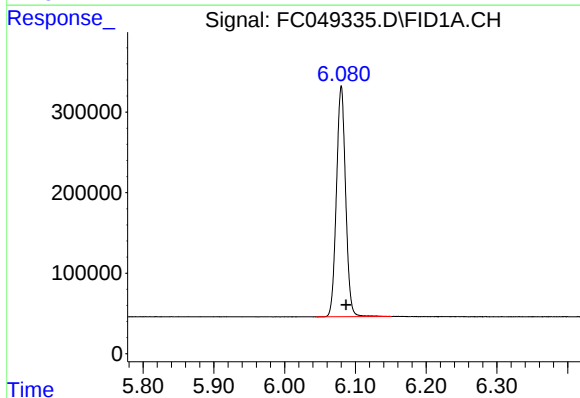
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.009 min
Response: 2205374
Conc: 21.14 ug/ml



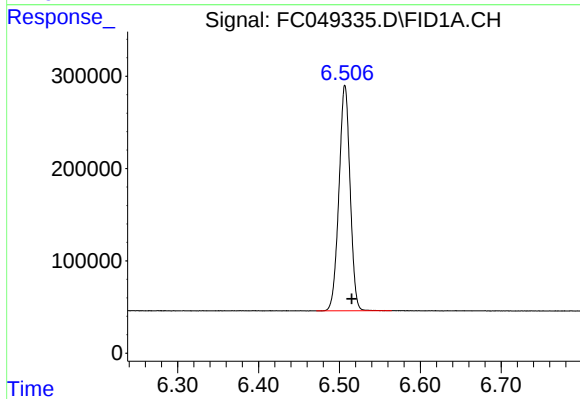
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 2269153
Conc: 21.63 ug/ml



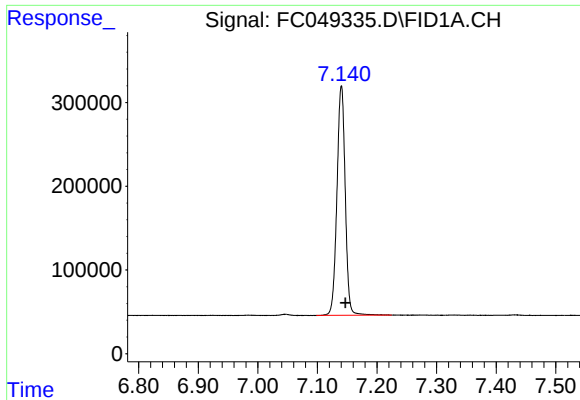
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2585766
Conc: 21.86 ug/ml



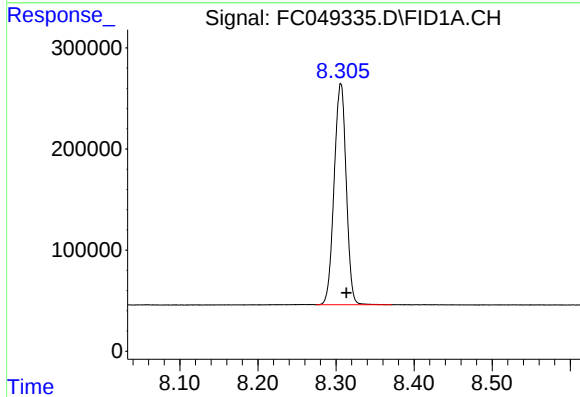
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2336540
Conc: 22.03 ug/ml



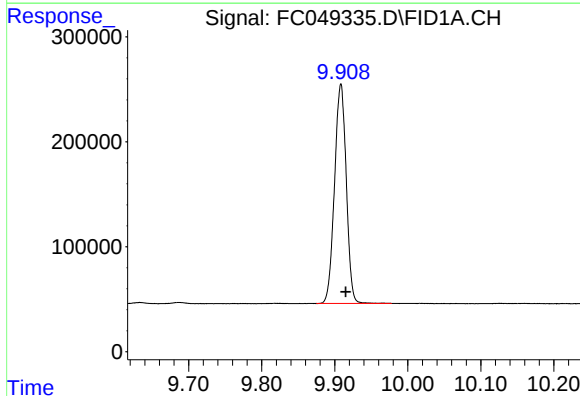
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 2654908
Conc: 22.02 ug/ml



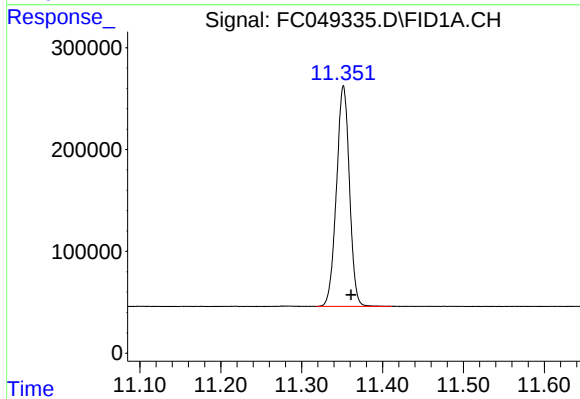
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 2348401
Conc: 22.30 ug/ml



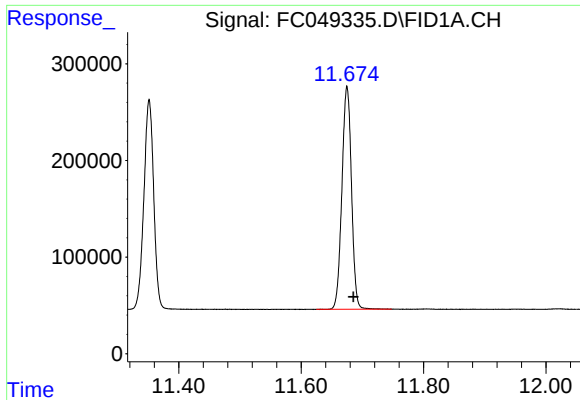
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.007 min
Response: 2333639
Conc: 22.23 ug/ml



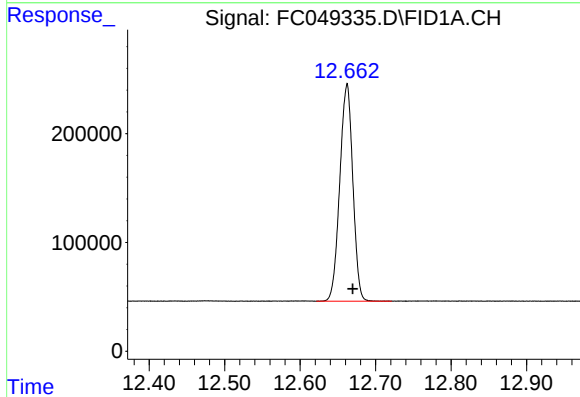
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.009 min
Response: 2418496
Conc: 22.01 ug/ml



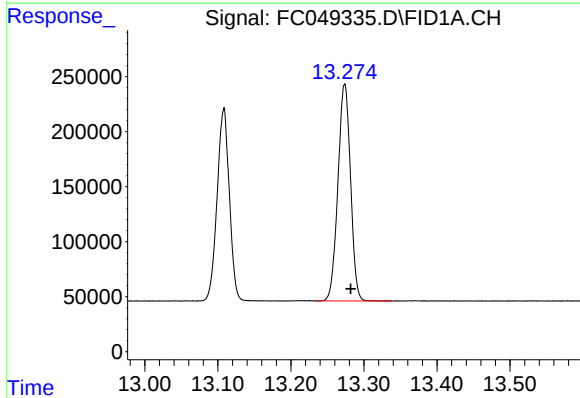
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.010 min
Response: 2504381
Conc: 21.08 ug/ml



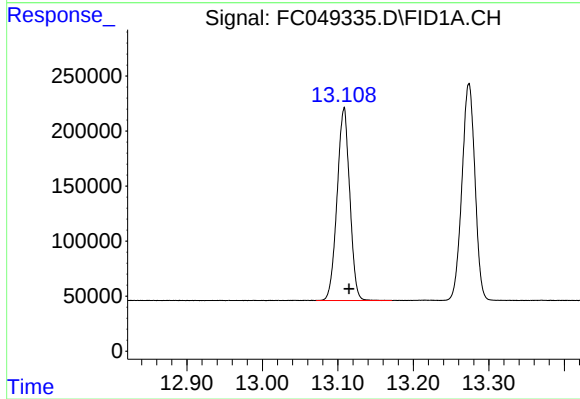
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.008 min
Response: 2396121
Conc: 21.53 ug/ml



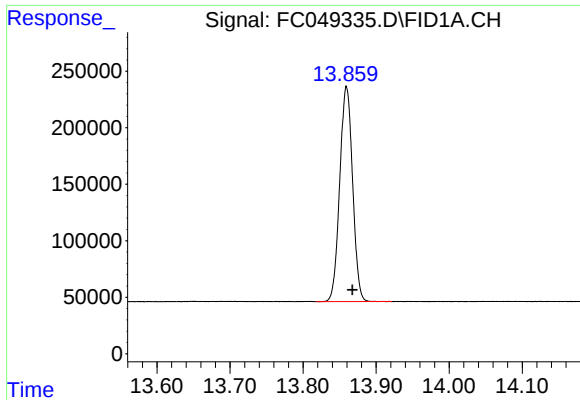
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.008 min
Response: 2362840
Conc: 21.15 ug/ml



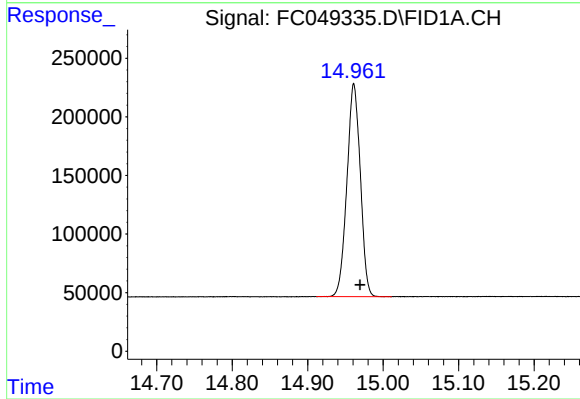
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 2037461
Conc: 20.94 ug/ml



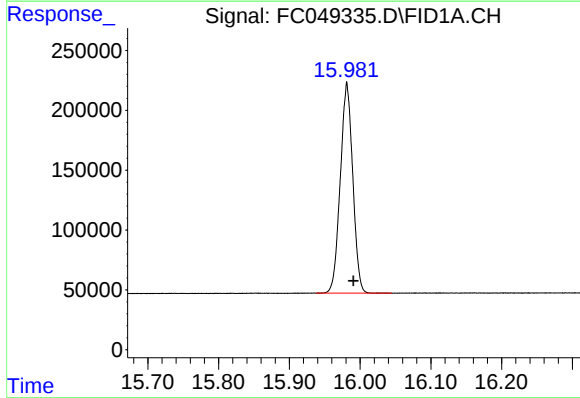
#13 n-Docosane (C22)

R.T.: 13.859 min
Delta R.T.: -0.008 min
Response: 2326549
Conc: 20.70 ug/ml



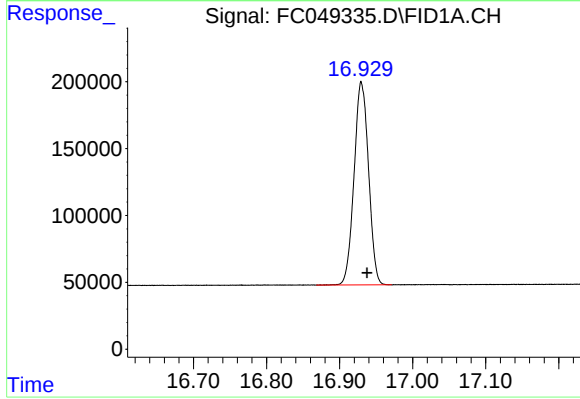
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.008 min
Response: 2244976
Conc: 19.75 ug/ml



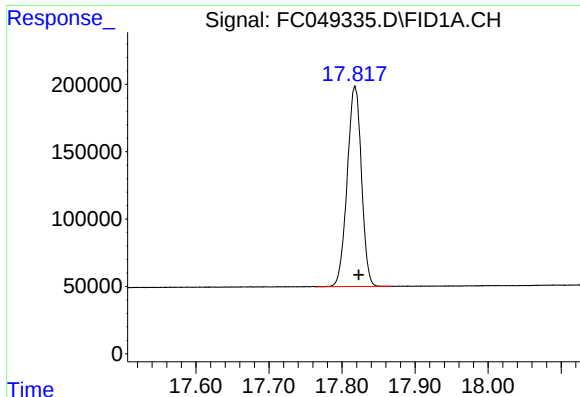
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.009 min
Response: 2149395
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: -0.007 min
Response: 2090768
Conc: 17.97 ug/ml



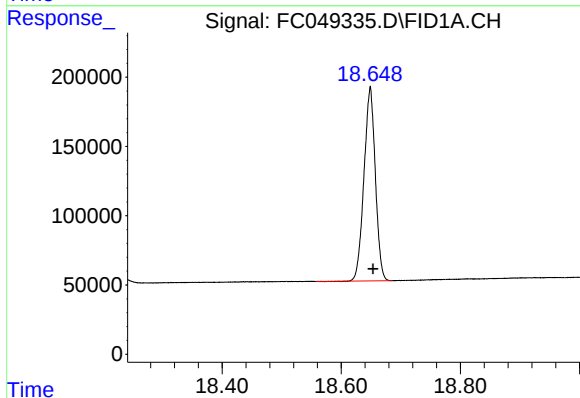
#17 n-Tricontane (C30)

R.T.: 17.818 min

Delta R.T.: -0.005 min

Response: 2015960

Conc: 17.44 ug/ml



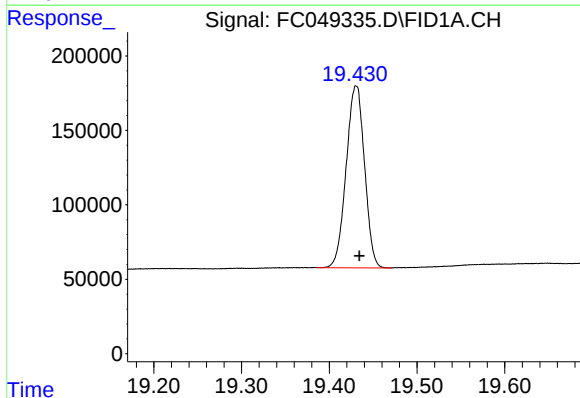
#18 n-Dotriacontane (C32)

R.T.: 18.648 min

Delta R.T.: -0.005 min

Response: 1846485

Conc: 17.08 ug/ml



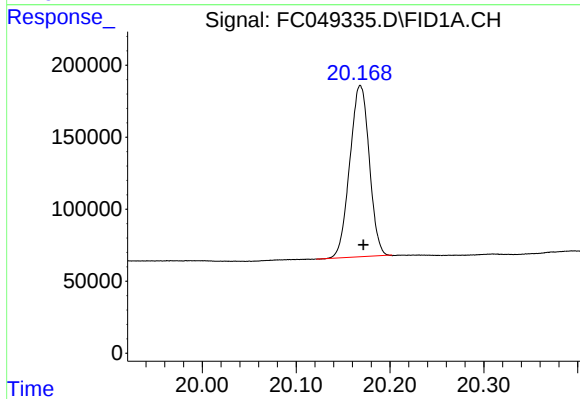
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min

Delta R.T.: -0.005 min

Response: 1779735

Conc: 17.16 ug/ml m



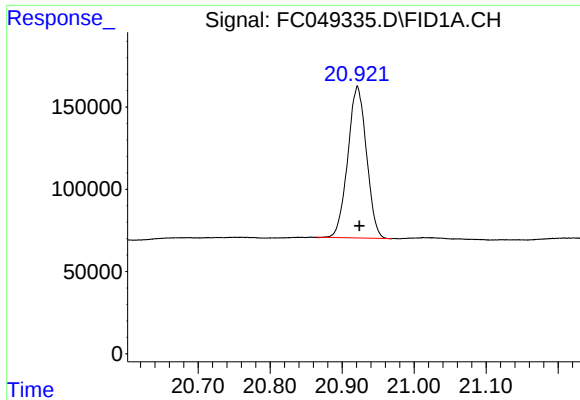
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min

Delta R.T.: -0.004 min

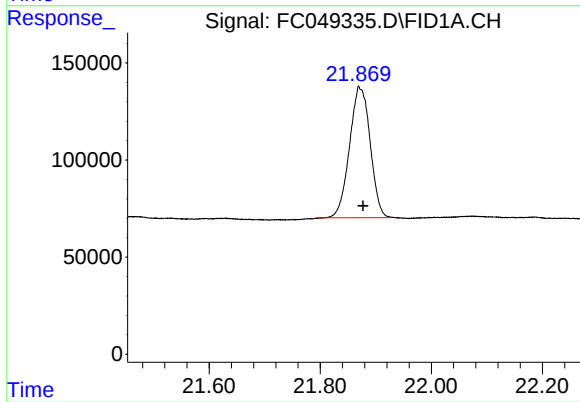
Response: 1714712

Conc: 17.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.003 min
Response: 1659675
Conc: 17.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: -0.008 min
Response: 1739755
Conc: 18.22 ug/ml m