

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100720AL\
 Data File : FC049986.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2020 8:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 08 08:45:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.652	2260110	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	13.086	1740405	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.389	2101514	21.206 ug/ml
2) T n-Decane (C10)	4.462	2122364	21.317 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2341450	21.244 ug/ml
4) T n-Dodecane (C12)	6.485	2148456	21.292 ug/ml
5) T A~2-methylnaphthalene...	7.118	2362864	21.229 ug/ml
6) T n-Tetradecane (C14)	8.283	2131826	21.280 ug/ml
7) T n-Hexadecane (C16)	9.886	2075895	21.063 ug/ml
8) T n-Octadecane (C18)	11.329	2145048	20.770 ug/ml
10) T n-Eicosane (C20)	12.638	2119206	20.366 ug/ml
11) T n-Heneicosane (C21)	13.252	2090750	20.120 ug/ml
13) T n-Docosane (C22)	13.838	2074621	19.986 ug/ml
14) T n-Tetracosane (C24)	14.941	2023875	19.485 ug/ml
15) T n-Hexacosane (C26)	15.962	1948778	18.911 ug/ml
16) T n-Octacosane (C28)	16.911	1913913	18.493 ug/ml
17) T n-Tricontane (C30)	17.798	1870192	18.326 ug/ml
18) T n-Dotriacontane (C32)	18.629	1737740	18.089 ug/mlm
19) T n-Tetratriacontane (C34)	19.411	1645288	17.937 ug/mlm
20) T n-Hexatriacontane (C36)	20.149	1631744	18.422 ug/mlm
21) T n-Octatriacontane (C38)	20.900	1736293	21.057 ug/mlm
22) T n-Tetracontane (C40)	21.845	1494539	17.873 ug/ml

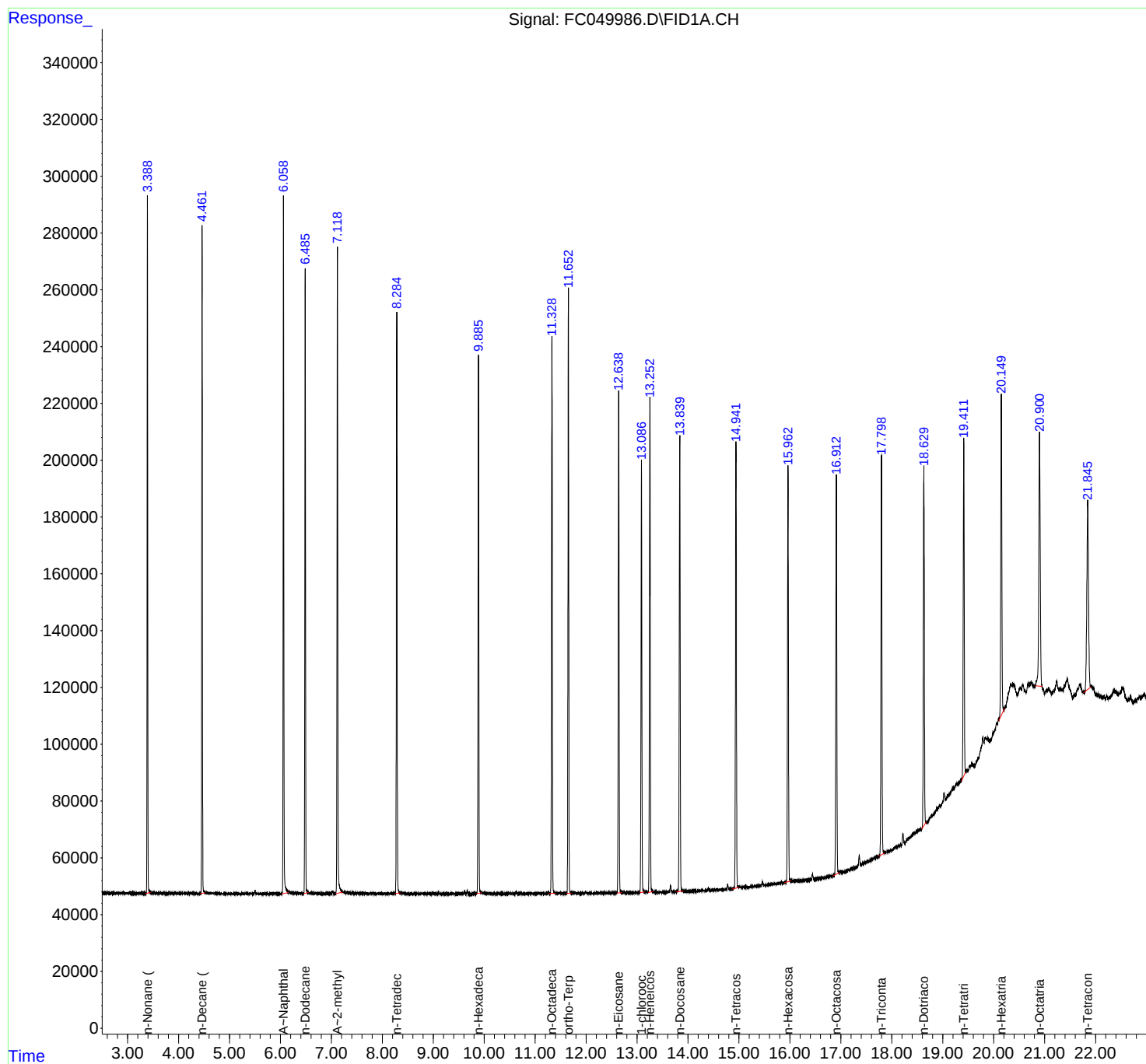
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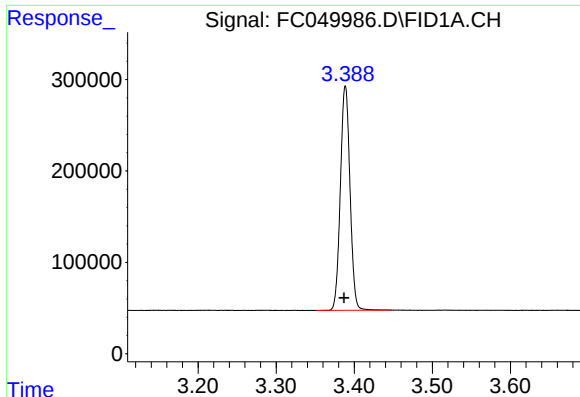
(m)=manual int.

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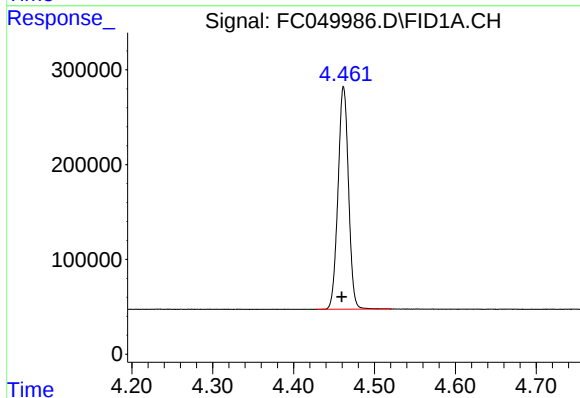
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





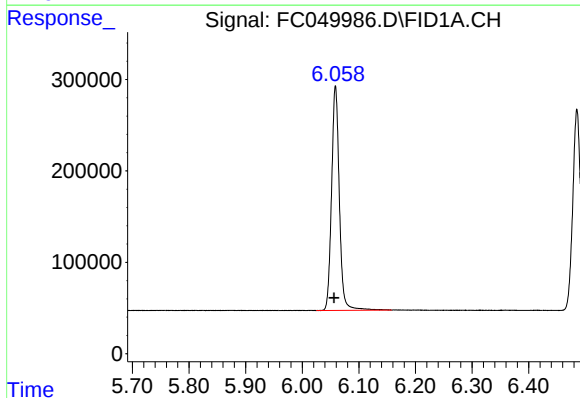
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: 0.002 min
Response: 2101514
Conc: 21.21 ug/ml



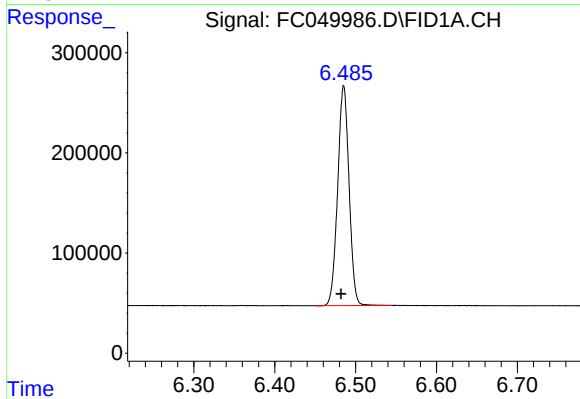
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.002 min
Response: 2122364
Conc: 21.32 ug/ml



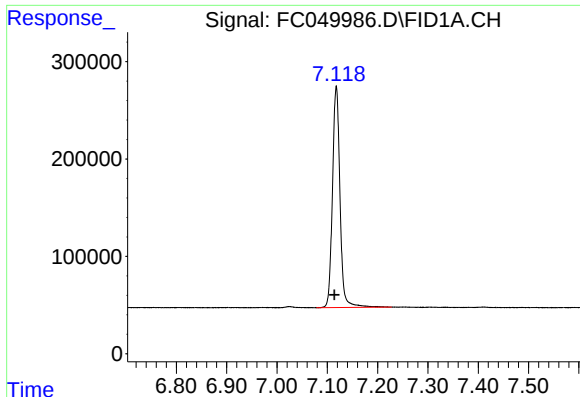
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 2341450
Conc: 21.24 ug/ml



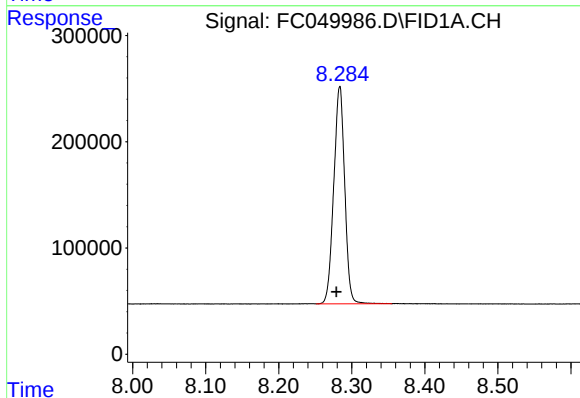
#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 2148456
Conc: 21.29 ug/ml



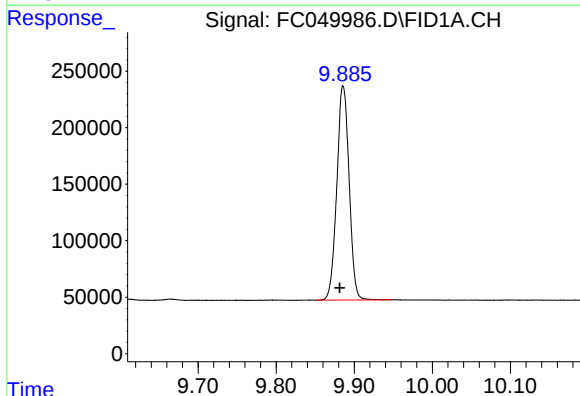
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.118 min
Delta R.T.: 0.004 min
Response: 2362864
Conc: 21.23 ug/ml



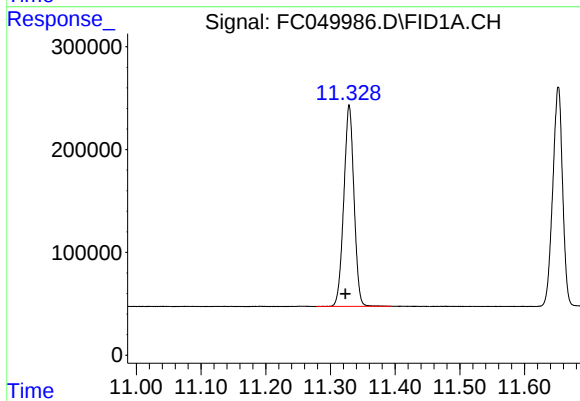
#6 n-Tetradecane (C14)

R.T.: 8.283 min
Delta R.T.: 0.004 min
Response: 2131826
Conc: 21.28 ug/ml



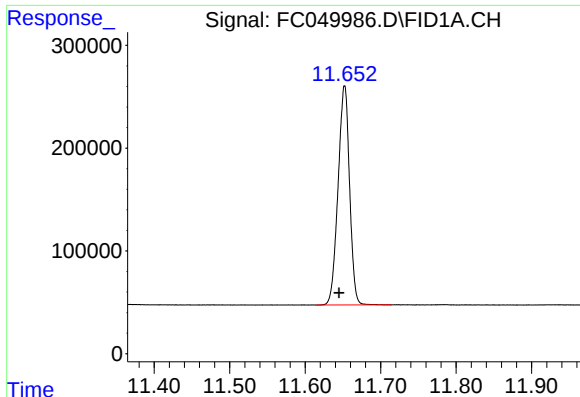
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: 0.004 min
Response: 2075895
Conc: 21.06 ug/ml



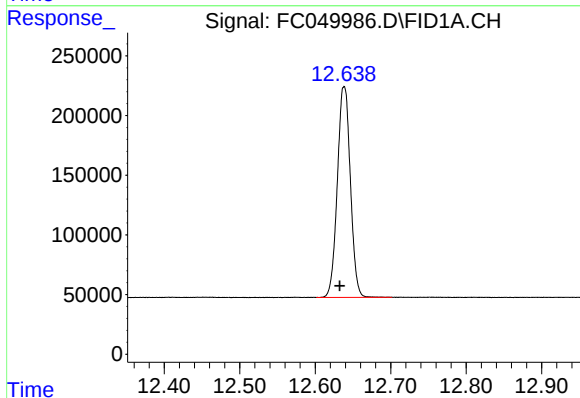
#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: 0.006 min
Response: 2145048
Conc: 20.77 ug/ml



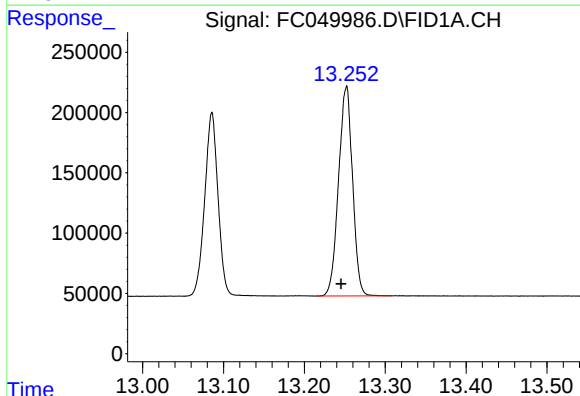
#9 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.007 min
Response: 2260110
Conc: 20.16 ug/ml



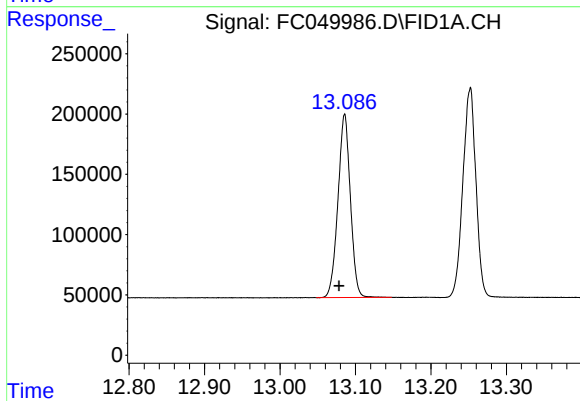
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: 0.006 min
Response: 2119206
Conc: 20.37 ug/ml



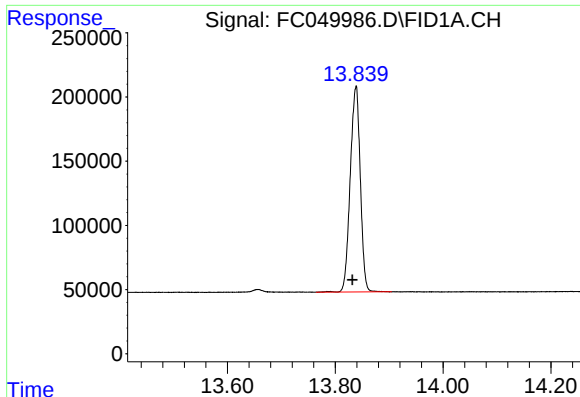
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: 0.006 min
Response: 2090750
Conc: 20.12 ug/ml



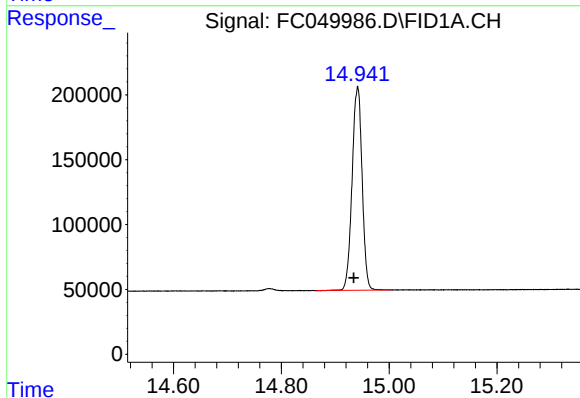
#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: 0.007 min
Response: 1740405
Conc: 20.09 ug/ml



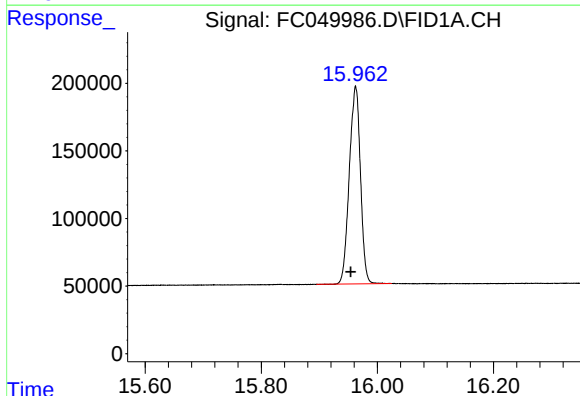
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: 0.006 min
Response: 2074621
Conc: 19.99 ug/ml



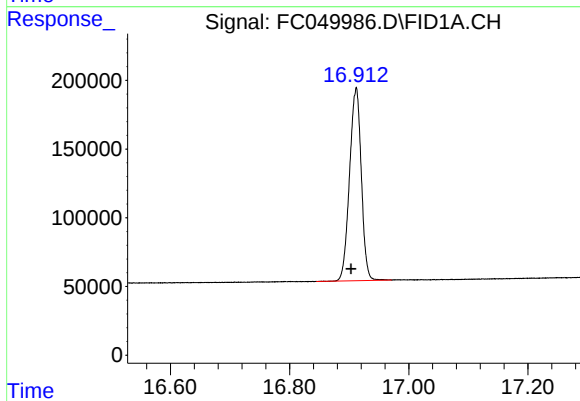
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: 0.007 min
Response: 2023875
Conc: 19.49 ug/ml



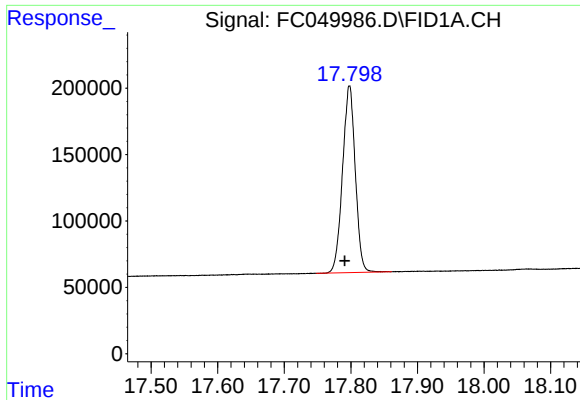
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: 0.008 min
Response: 1948778
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: 0.008 min
Response: 1913913
Conc: 18.49 ug/ml



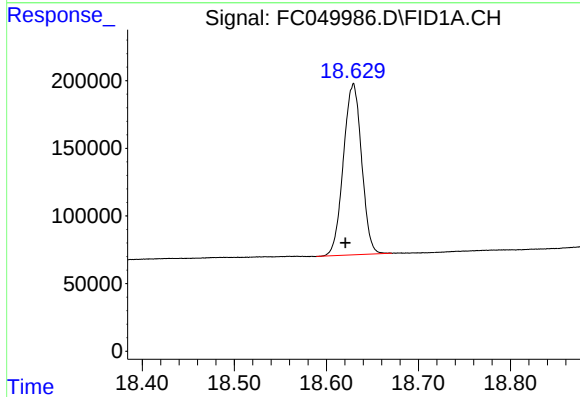
#17 n-Tricontane (C30)

R.T.: 17.798 min

Delta R.T.: 0.007 min

Response: 1870192

Conc: 18.33 ug/ml



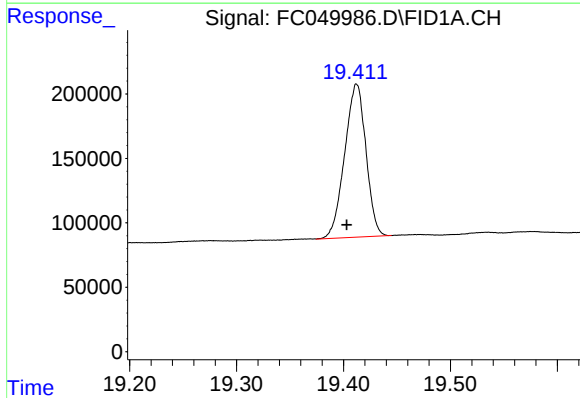
#18 n-Dotriacontane (C32)

R.T.: 18.629 min

Delta R.T.: 0.008 min

Response: 1737740

Conc: 18.09 ug/ml m



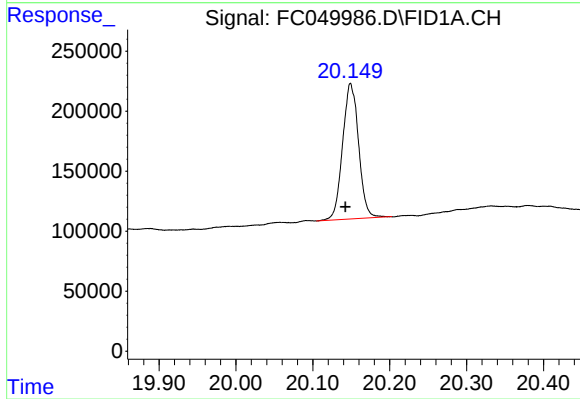
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min

Delta R.T.: 0.008 min

Response: 1645288

Conc: 17.94 ug/ml m



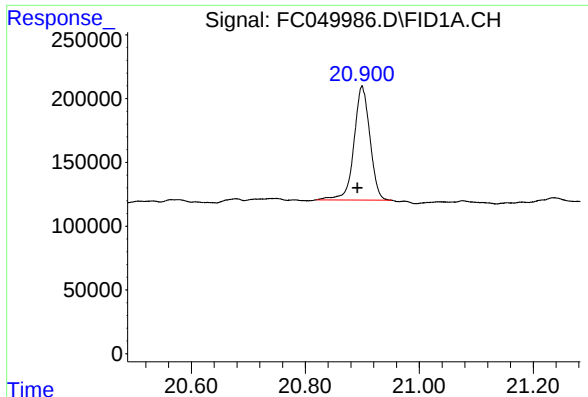
#20 n-Hexatriacontane (C36)

R.T.: 20.149 min

Delta R.T.: 0.007 min

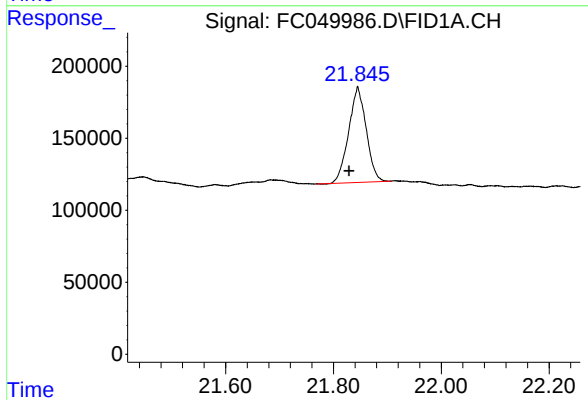
Response: 1631744

Conc: 18.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.900 min
Delta R.T.: 0.008 min
Response: 1736293
Conc: 21.06 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.845 min
Delta R.T.: 0.016 min
Response: 1494539
Conc: 17.87 ug/ml