

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101420AL\
 Data File : FC050085.D
 Signal(s) : FID1A.CH
 Acq On : 14 Oct 2020 12:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 02:19:02 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)	11.639	2233927	19.930 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	13.073	1718707	19.841 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.381	2102267	21.214 ug/ml
2) T n-Decane (C10)	4.453	2119804	21.292 ug/ml
3) T A~Naphthalene (C11.7)	6.048	2311034	20.968 ug/ml
4) T n-Dodecane (C12)	6.476	2140200	21.211 ug/ml
5) T A~2-methylnaphthalene...	7.106	2330759	20.940 ug/ml
6) T n-Tetradecane (C14)	8.273	2110878	21.071 ug/ml
7) T n-Hexadecane (C16)	9.875	2051298	20.814 ug/ml
8) T n-Octadecane (C18)	11.317	2115319	20.483 ug/ml
10) T n-Eicosane (C20)	12.626	2095542	20.139 ug/ml
11) T n-Heneicosane (C21)	13.238	2067765	19.899 ug/ml
13) T n-Docosane (C22)	13.824	2060801	19.853 ug/ml
14) T n-Tetracosane (C24)	14.926	2019832	19.446 ug/ml
15) T n-Hexacosane (C26)	15.947	1958712	19.008 ug/ml
16) T n-Octacosane (C28)	16.895	1945360	18.797 ug/ml
17) T n-Tricontane (C30)	17.782	1914713	18.763 ug/ml
18) T n-Dotriacontane (C32)	18.614	1778554	18.514 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1671741	18.226 ug/ml
20) T n-Hexatriacontane (C36)	20.132	1617086	18.257 ug/ml
21) T n-Octatriacontane (C38)	20.882	1585397	19.227 ug/ml
22) T n-Tetracontane (C40)	21.818	1629057	19.481 ug/ml

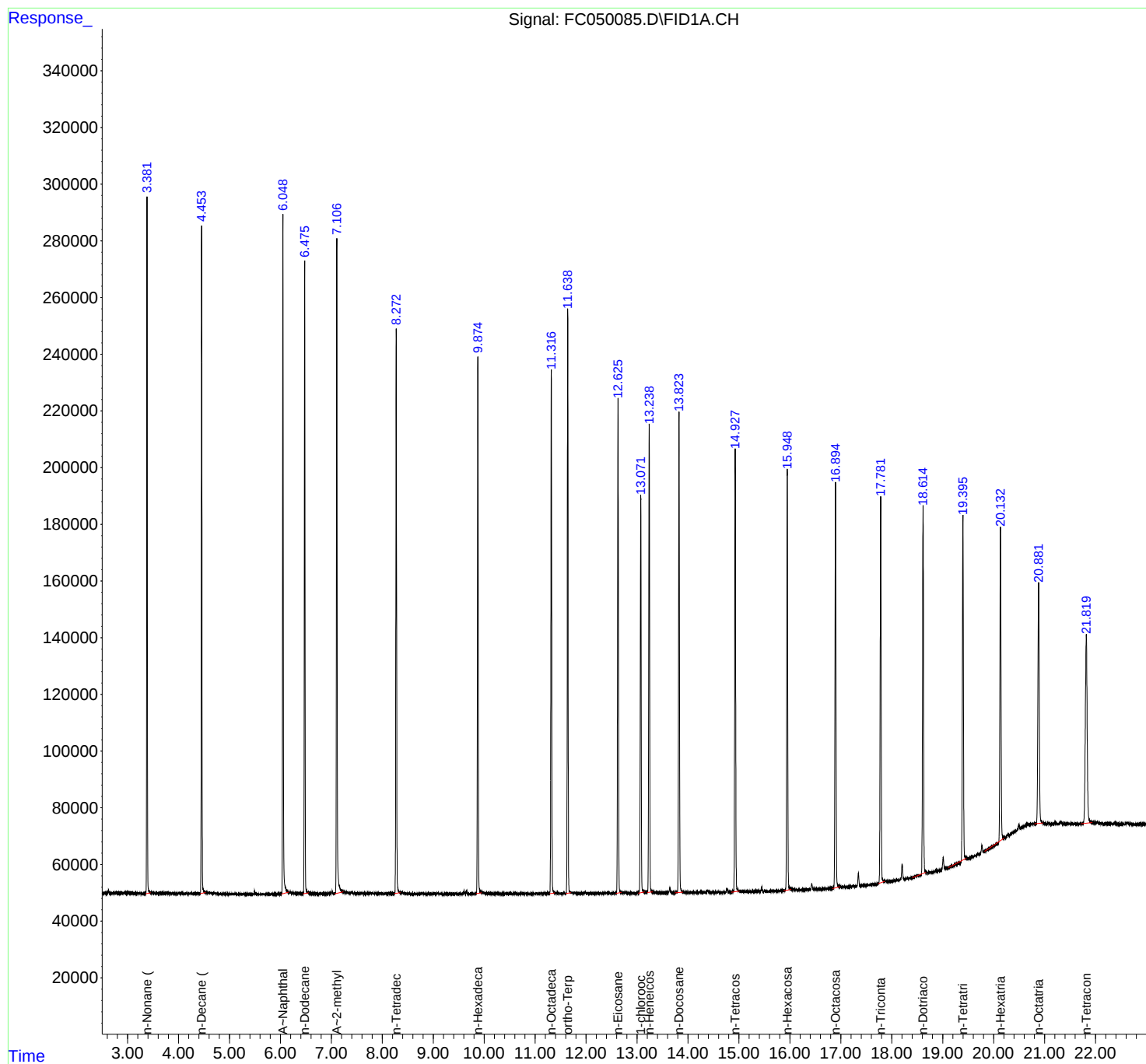
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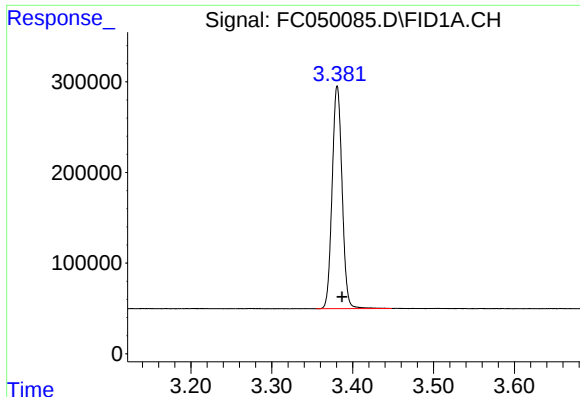
(m)=manual int.

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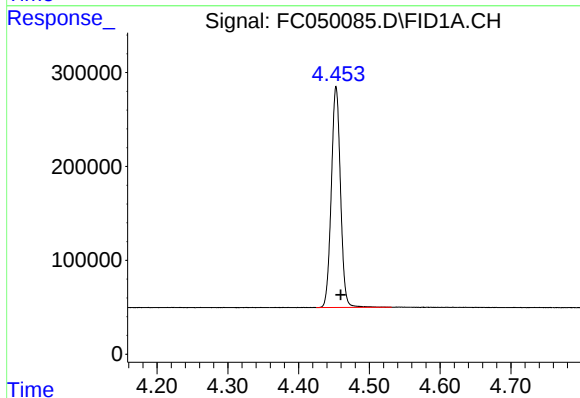
Volume Inj. : 1 ul
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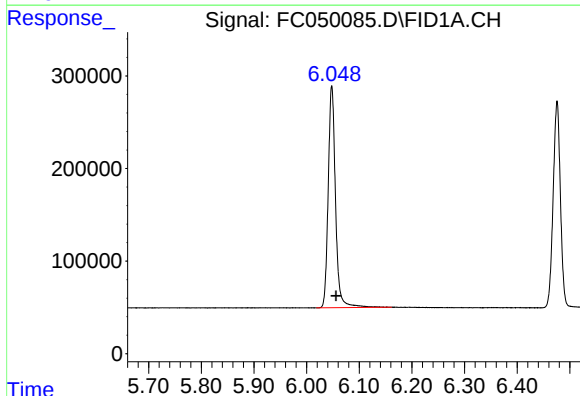
#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.006 min
Response: 2102267
Conc: 21.21 ug/ml



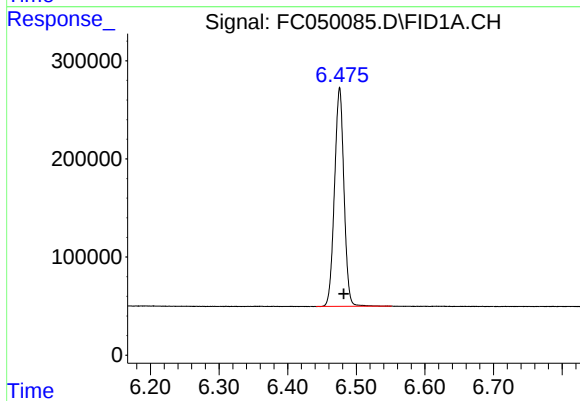
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.007 min
Response: 2119804
Conc: 21.29 ug/ml



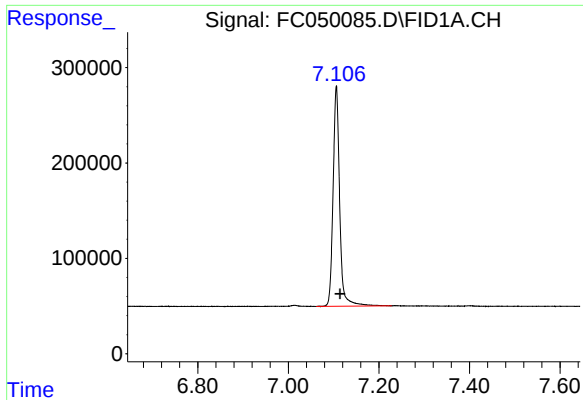
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 2311034
Conc: 20.97 ug/ml



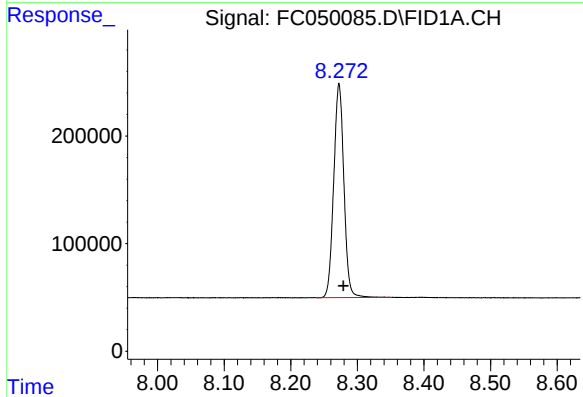
#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 2140200
Conc: 21.21 ug/ml



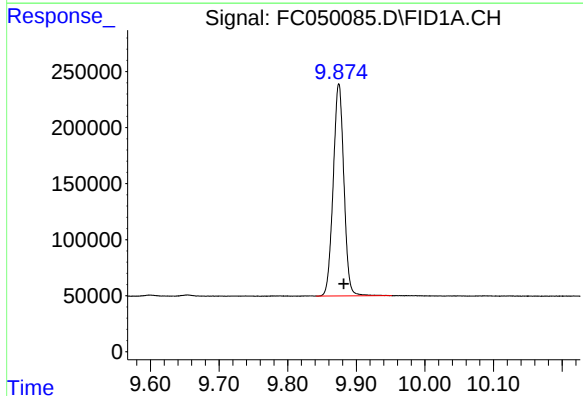
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.008 min
Response: 2330759
Conc: 20.94 ug/ml



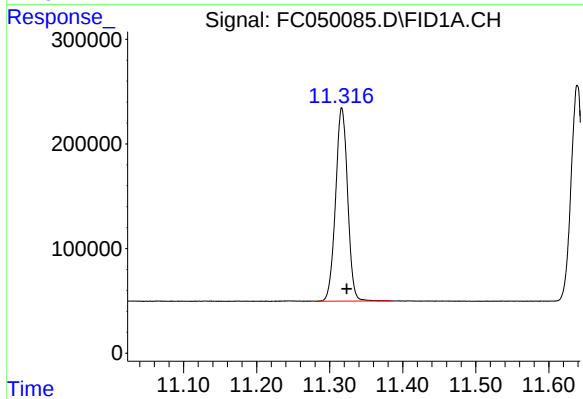
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.006 min
Response: 2110878
Conc: 21.07 ug/ml



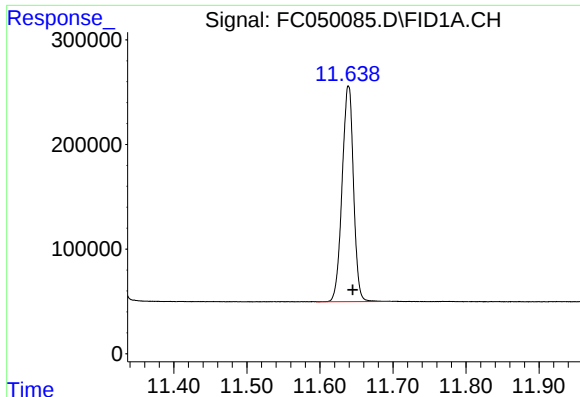
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.007 min
Response: 2051298
Conc: 20.81 ug/ml



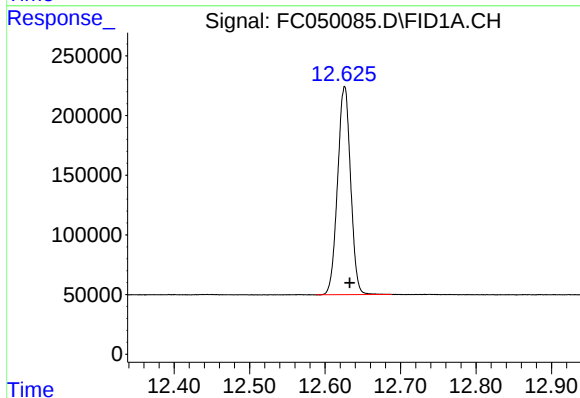
#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.006 min
Response: 2115319
Conc: 20.48 ug/ml



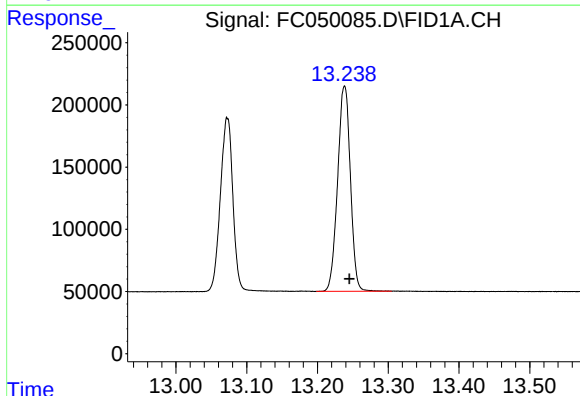
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: -0.006 min
Response: 2233927
Conc: 19.93 ug/ml



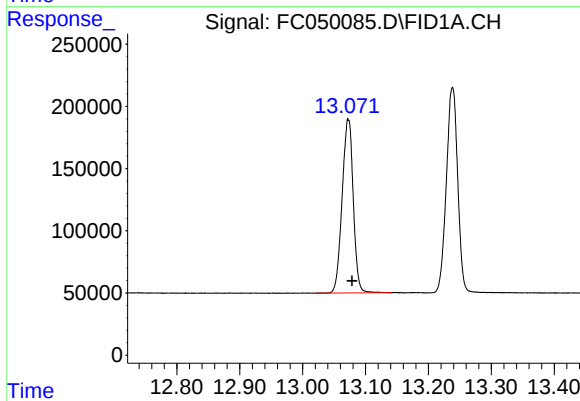
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: -0.007 min
Response: 2095542
Conc: 20.14 ug/ml



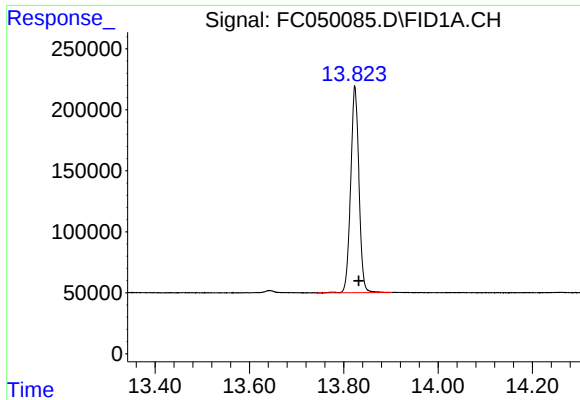
#11 n-Heneicosane (C21)

R.T.: 13.238 min
Delta R.T.: -0.007 min
Response: 2067765
Conc: 19.90 ug/ml



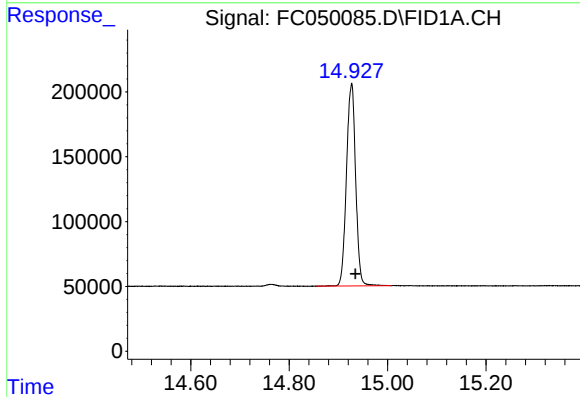
#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min
Delta R.T.: -0.006 min
Response: 1718707
Conc: 19.84 ug/ml



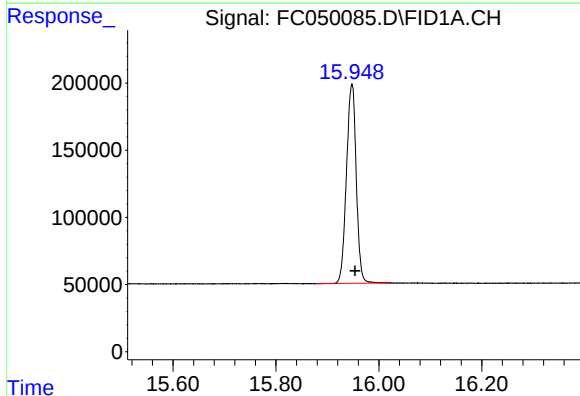
#13 n-Docosane (C22)

R.T.: 13.824 min
Delta R.T.: -0.008 min
Response: 2060801
Conc: 19.85 ug/ml



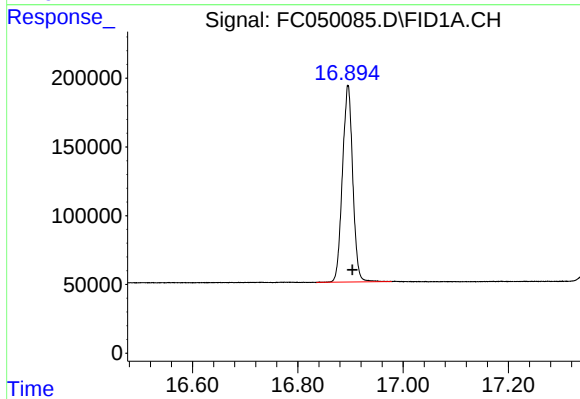
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 2019832
Conc: 19.45 ug/ml



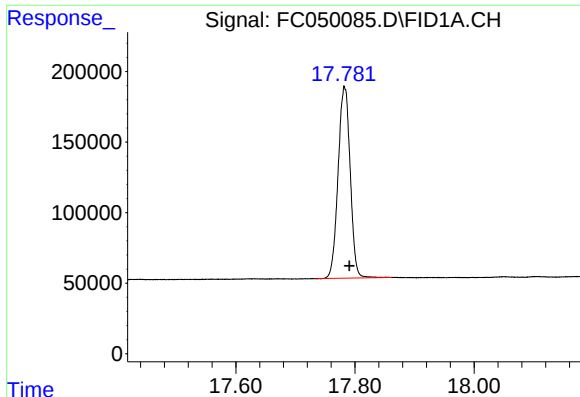
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.007 min
Response: 1958712
Conc: 19.01 ug/ml



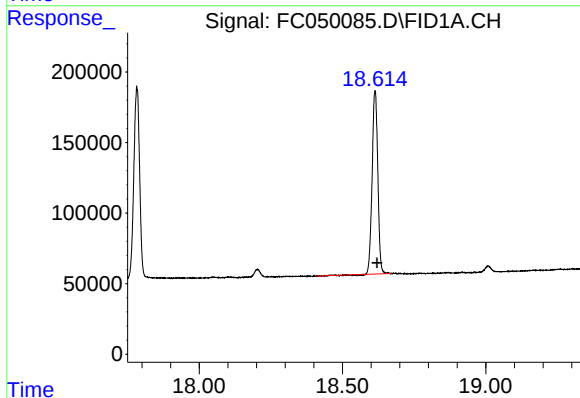
#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.008 min
Response: 1945360
Conc: 18.80 ug/ml



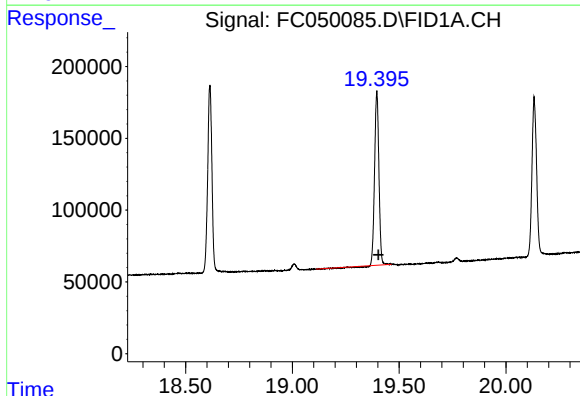
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.008 min
Response: 1914713
Conc: 18.76 ug/ml



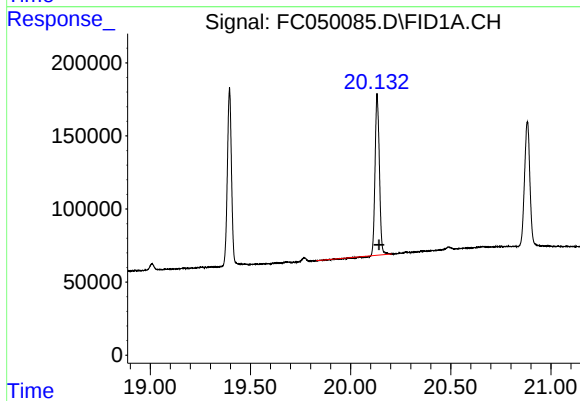
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.007 min
Response: 1778554
Conc: 18.51 ug/ml



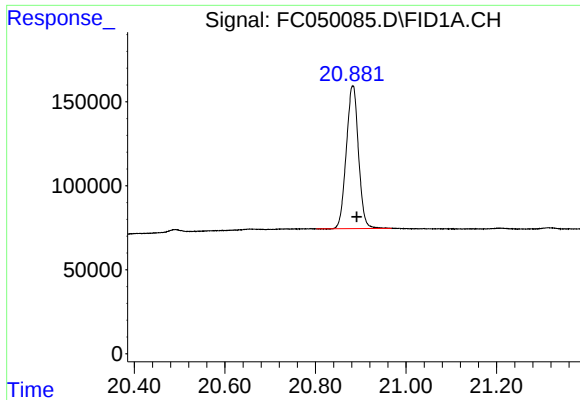
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.008 min
Response: 1671741
Conc: 18.23 ug/ml



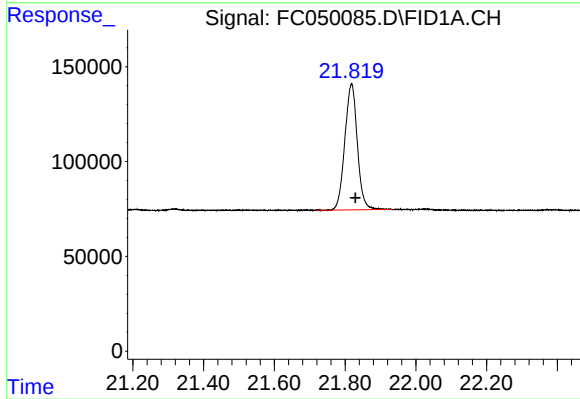
#20 n-Hexatriacontane (C36)

R.T.: 20.132 min
Delta R.T.: -0.010 min
Response: 1617086
Conc: 18.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.009 min
Response: 1585397
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.818 min
Delta R.T.: -0.011 min
Response: 1629057
Conc: 19.48 ug/ml