

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121919AL\
 Data File : FC045016.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2019 5:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 06:36:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.759	2202292	19.327 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.183	1691263	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.509	2128846	20.940 ug/ml
2) T n-Decane (C10)	4.583	2157026	21.240 ug/ml
3) T A~Naphthalene (C11.7)	6.184	2385596	20.881 ug/ml
4) T n-Dodecane (C12)	6.602	2171940	21.348 ug/ml
5) T A~2-methylnaphthalene...	7.240	2383889	20.790 ug/ml
6) T n-Tetradecane (C14)	8.393	2172249	21.311 ug/ml
7) T n-Hexadecane (C16)	9.990	2163022	21.081 ug/ml
8) T n-Octadecane (C18)	11.429	2119933	20.474 ug/ml
10) T n-Eicosane (C20)	12.736	2054637	19.696 ug/ml
11) T n-Heneicosane (C21)	13.347	2024795	19.195 ug/ml
13) T n-Docosane (C22)	13.932	1983369	18.801 ug/ml
14) T n-Tetracosane (C24)	15.032	1929688	18.025 ug/ml
15) T n-Hexacosane (C26)	16.051	1886921	17.730 ug/ml
16) T n-Octacosane (C28)	17.000	1866992	17.788 ug/ml
17) T n-Tricontane (C30)	17.884	1841535	18.393 ug/ml
18) T n-Dotriacontane (C32)	18.715	1602490	19.246 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1363761	19.877 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1887169	31.617 ug/ml
21) T n-Octatriacontane (C38)	21.004	1276265	23.741 ug/ml
22) T n-Tetracontane (C40)	21.972	1089289	20.331 ug/ml

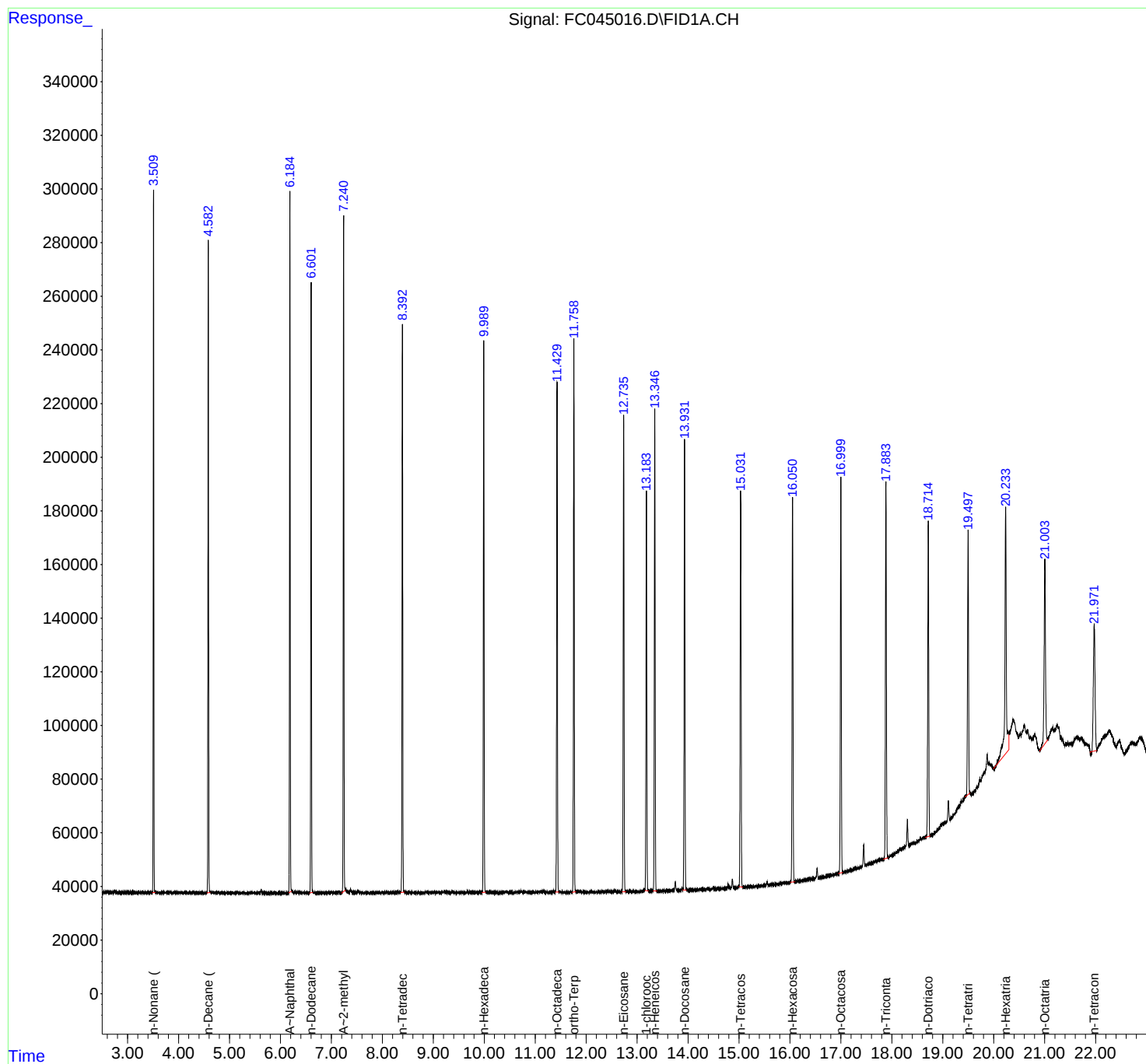
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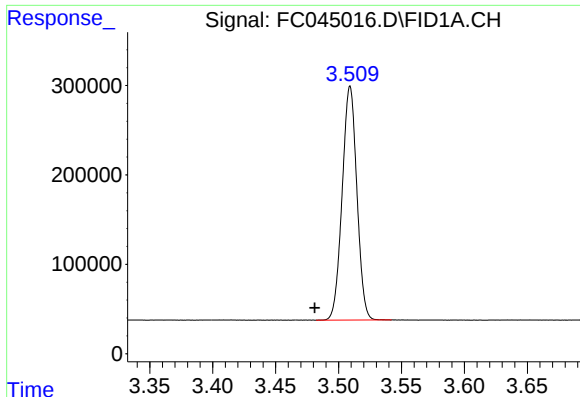
(m)=manual int.

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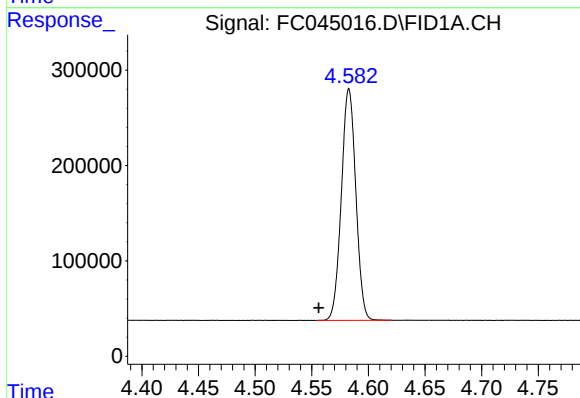
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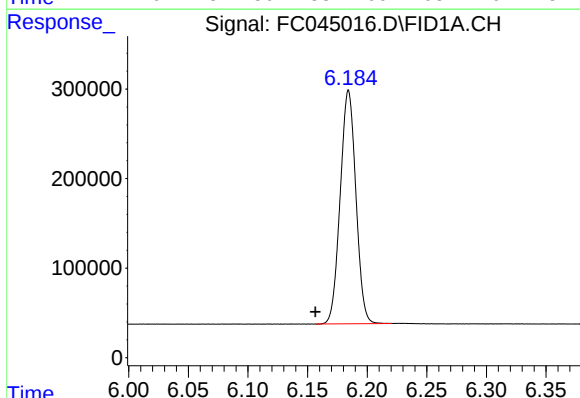
#1 n-Nonane (C9)

R.T.: 3.509 min
Delta R.T.: 0.028 min
Response: 2128846
Conc: 20.94 ug/ml



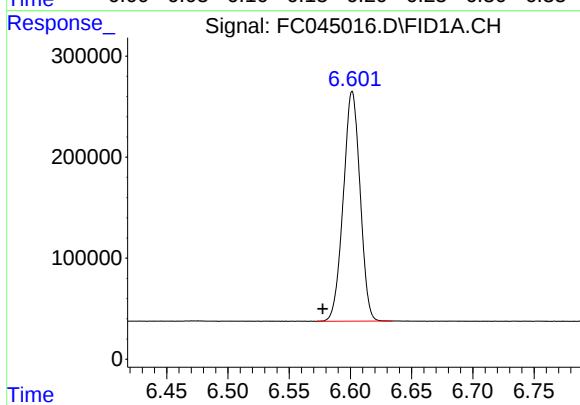
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: 0.027 min
Response: 2157026
Conc: 21.24 ug/ml



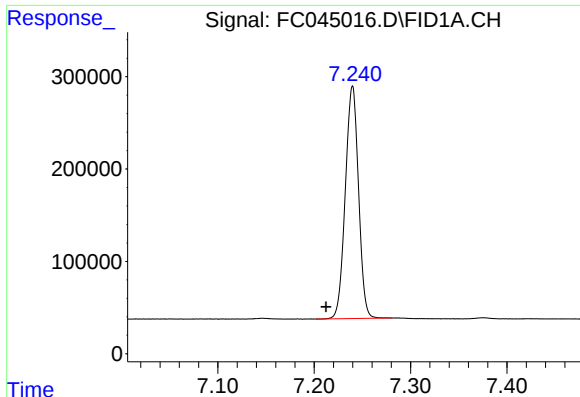
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: 0.028 min
Response: 2385596
Conc: 20.88 ug/ml



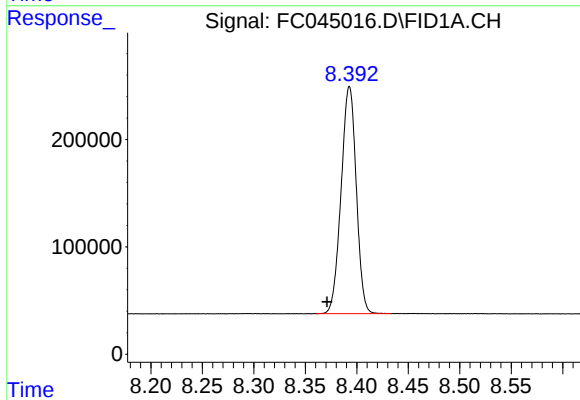
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: 0.024 min
Response: 2171940
Conc: 21.35 ug/ml



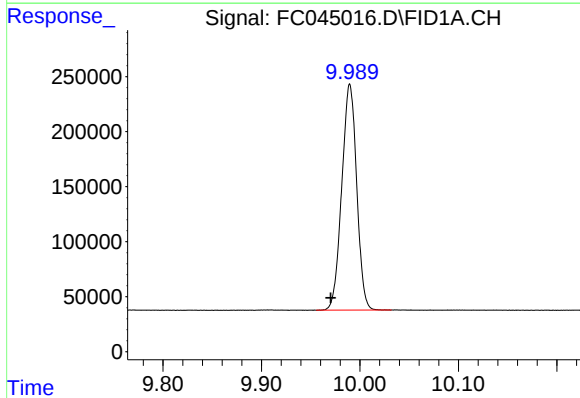
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.240 min
Delta R.T.: 0.028 min
Response: 2383889
Conc: 20.79 ug/ml



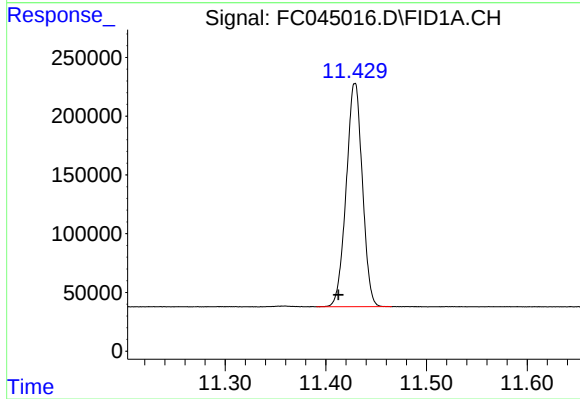
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: 0.022 min
Response: 2172249
Conc: 21.31 ug/ml



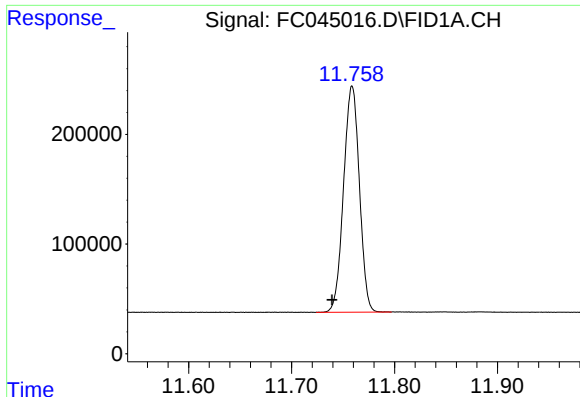
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.019 min
Response: 2163022
Conc: 21.08 ug/ml



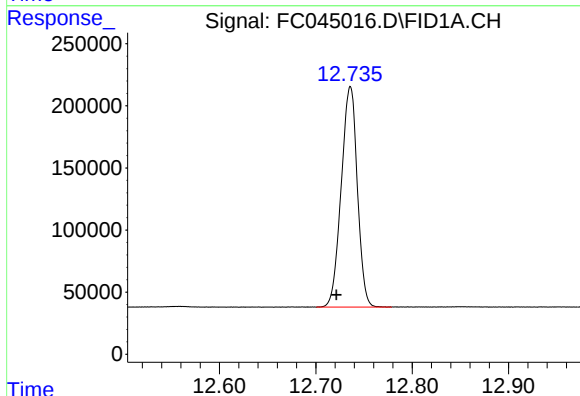
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: 0.016 min
Response: 2119933
Conc: 20.47 ug/ml



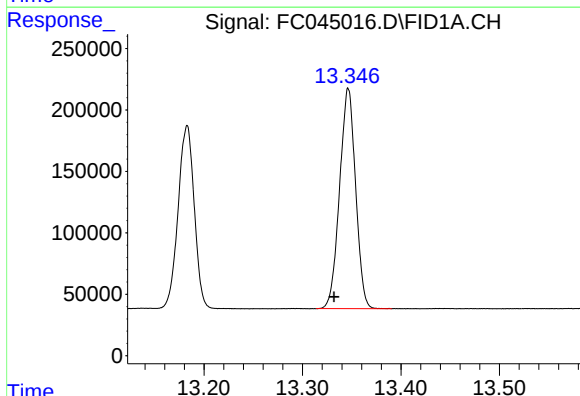
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: 0.020 min
Response: 2202292
Conc: 19.33 ug/ml



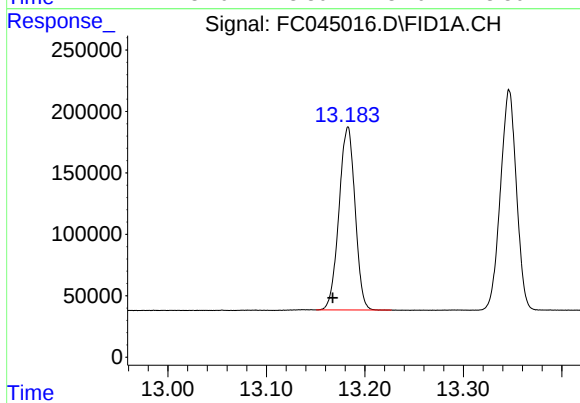
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: 0.015 min
Response: 2054637
Conc: 19.70 ug/ml



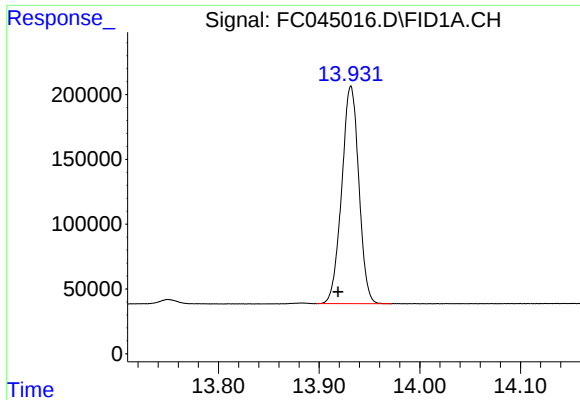
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: 0.015 min
Response: 2024795
Conc: 19.20 ug/ml



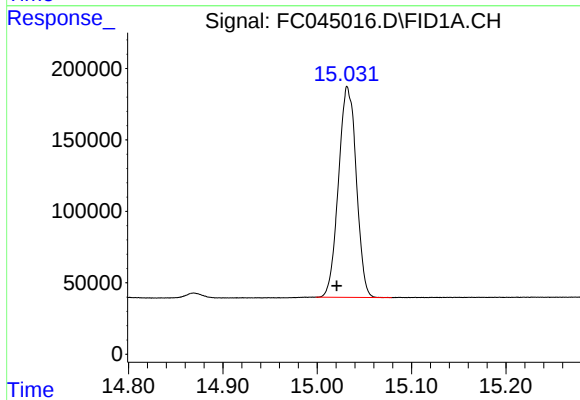
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: 0.016 min
Response: 1691263
Conc: 19.10 ug/ml



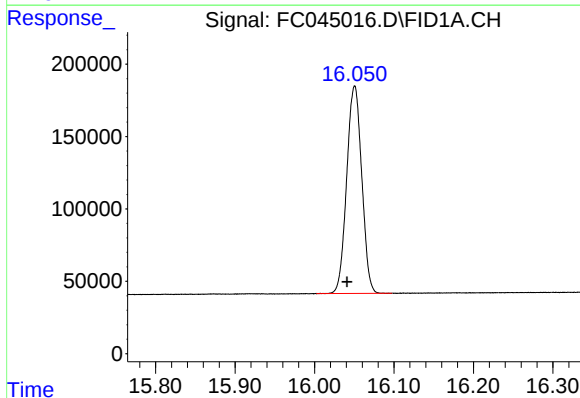
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: 0.013 min
Response: 1983369
Conc: 18.80 ug/ml



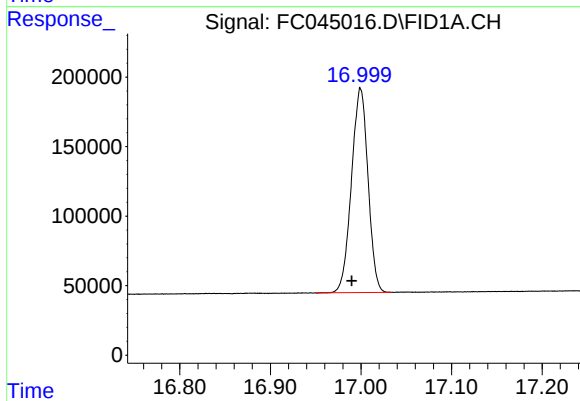
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: 0.011 min
Response: 1929688
Conc: 18.02 ug/ml



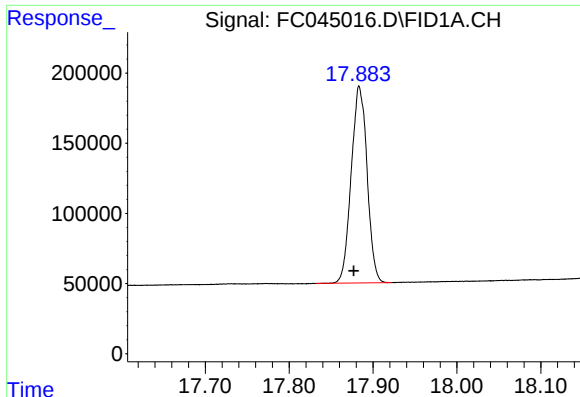
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.010 min
Response: 1886921
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: 0.010 min
Response: 1866992
Conc: 17.79 ug/ml



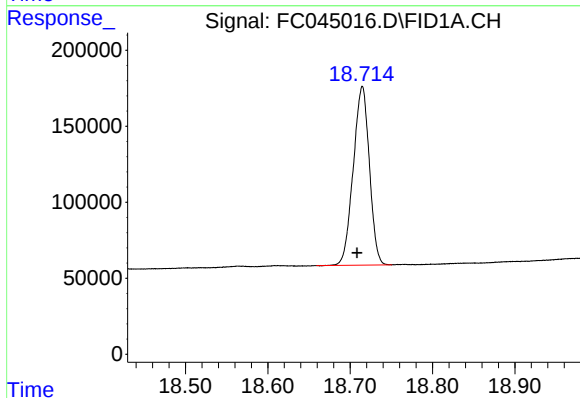
#17 n-Tricontane (C30)

R.T.: 17.884 min

Delta R.T.: 0.007 min

Response: 1841535

Conc: 18.39 ug/ml



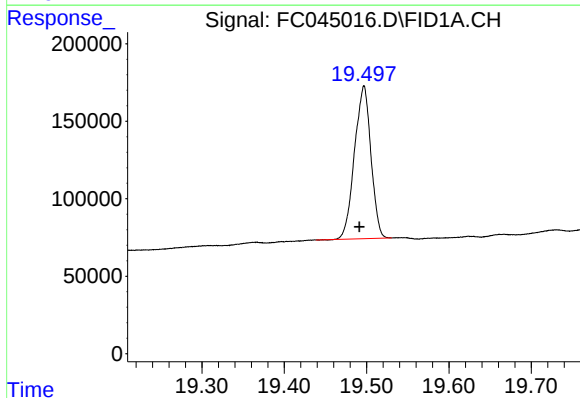
#18 n-Dotriacontane (C32)

R.T.: 18.715 min

Delta R.T.: 0.006 min

Response: 1602490

Conc: 19.25 ug/ml



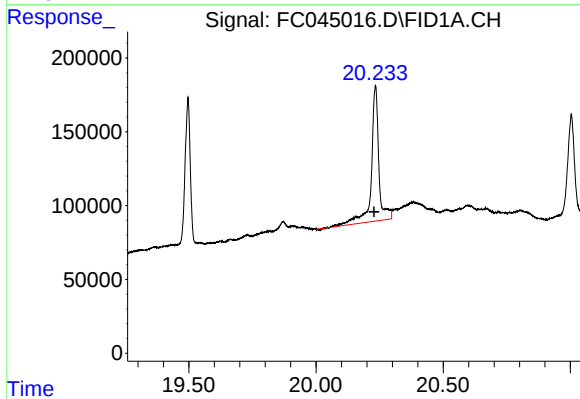
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min

Delta R.T.: 0.006 min

Response: 1363761

Conc: 19.88 ug/ml



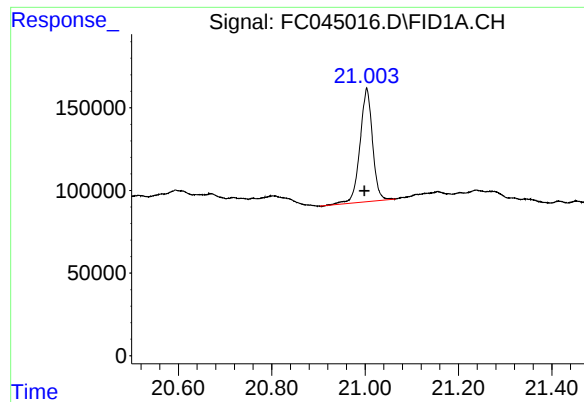
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min

Delta R.T.: 0.005 min

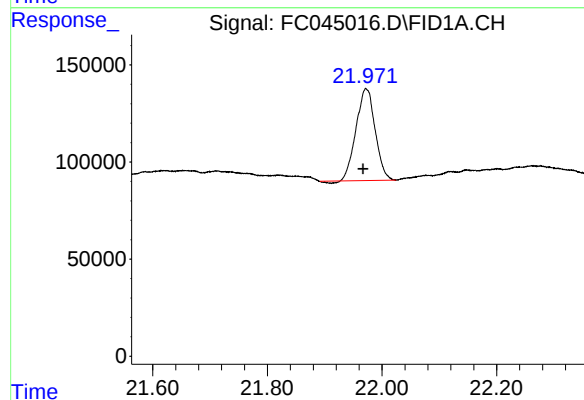
Response: 1887169

Conc: 31.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: 0.005 min
Response: 1276265
Conc: 23.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.006 min
Response: 1089289
Conc: 20.33 ug/ml