

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102220AL\
 Data File : FC050288.D
 Signal(s) : FID1A.CH
 Acq On : 22 Oct 2020 14:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 23 00:52:58 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)	11.628	2222177	19.825 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
12) S 1-chlorooctadecane (S...	13.061	1709422	19.734 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.373	2129559	21.489 ug/ml
2) T n-Decane (C10)	4.445	2143337	21.528 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2317241	21.024 ug/ml
4) T n-Dodecane (C12)	6.466	2157342	21.381 ug/ml
5) T A~2-methylnaphthalene...	7.097	2347985	21.095 ug/ml
6) T n-Tetradecane (C14)	8.263	2127140	21.233 ug/ml
7) T n-Hexadecane (C16)	9.864	2063457	20.937 ug/ml
8) T n-Octadecane (C18)	11.307	2124049	20.567 ug/ml
10) T n-Eicosane (C20)	12.616	2094409	20.128 ug/ml
11) T n-Heneicosane (C21)	13.227	2067774	19.899 ug/ml
13) T n-Docosane (C22)	13.812	2056265	19.809 ug/ml
14) T n-Tetracosane (C24)	14.915	2024148	19.488 ug/ml
15) T n-Hexacosane (C26)	15.936	1975869	19.174 ug/ml
16) T n-Octacosane (C28)	16.885	1972760	19.062 ug/ml
17) T n-Tricontane (C30)	17.771	1935977	18.971 ug/ml
18) T n-Dotriacontane (C32)	18.602	1830163	19.051 ug/mlm
19) T n-Tetratriacontane (C34)	19.384	1728950	18.849 ug/mlm
20) T n-Hexatriacontane (C36)	20.122	1662624	18.771 ug/mlm
21) T n-Octatriacontane (C38)	20.869	1591724	19.303 ug/ml
22) T n-Tetracontane (C40)	21.800	1632958	19.528 ug/ml

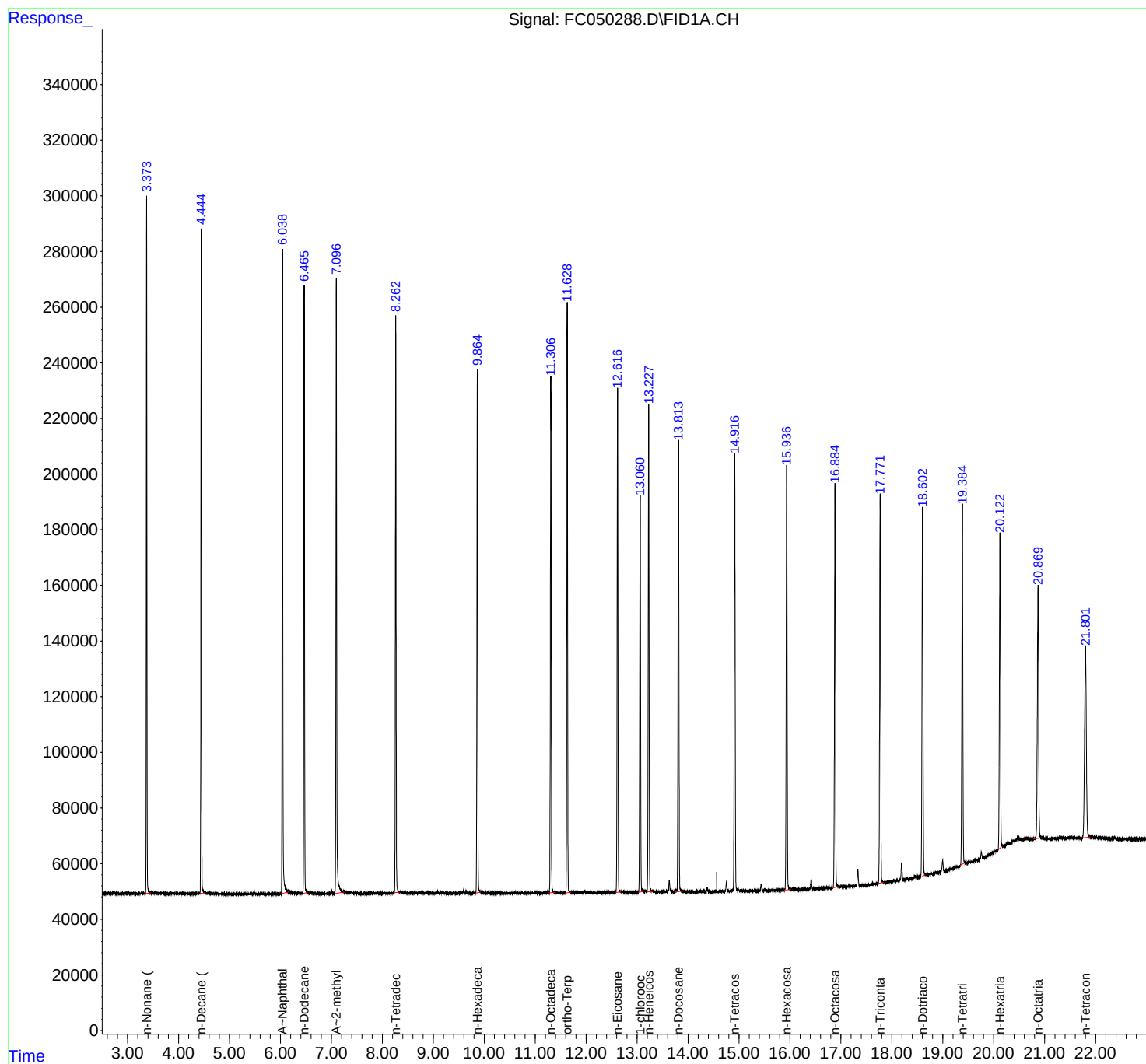
(f)=RT Delta > 1/2 Window

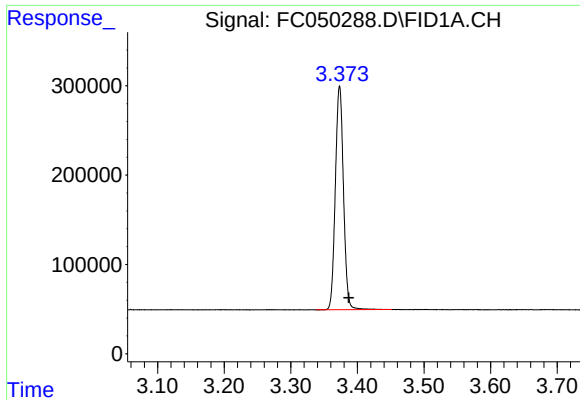
(m)=manual int.

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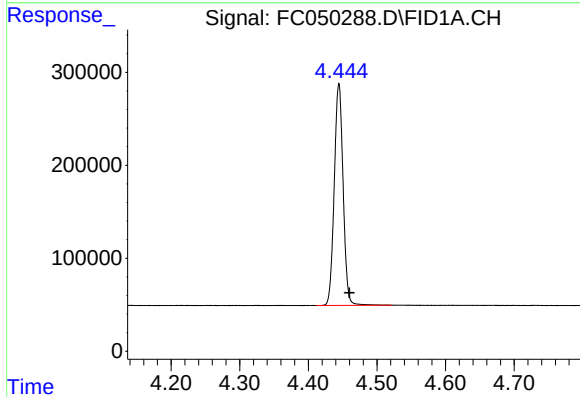
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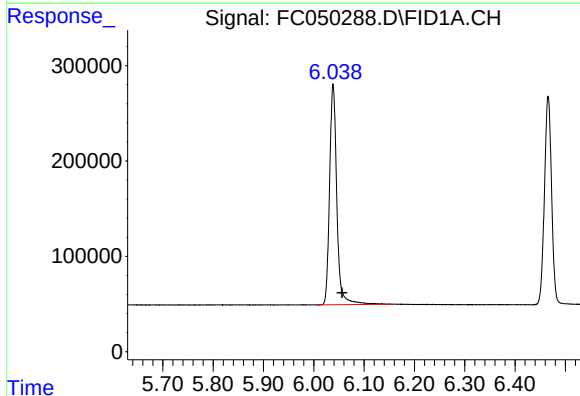
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: -0.014 min
Response: 2129559
Conc: 21.49 ug/ml



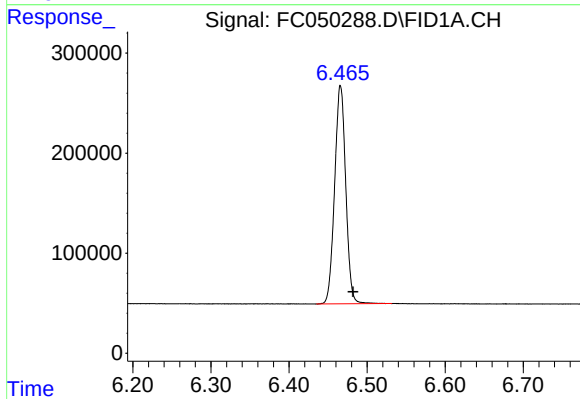
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.015 min
Response: 2143337
Conc: 21.53 ug/ml



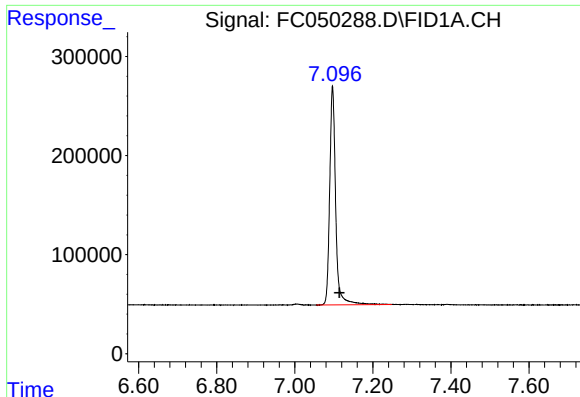
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.018 min
Response: 2317241
Conc: 21.02 ug/ml



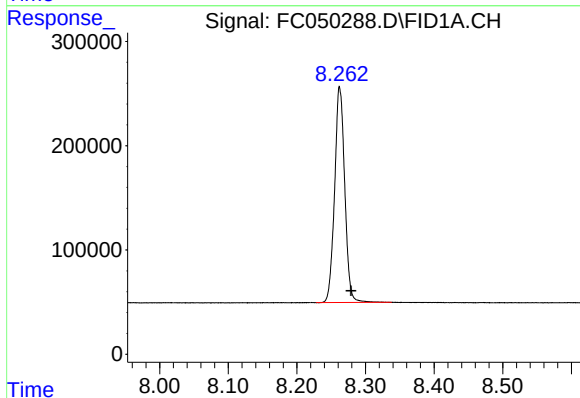
#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.016 min
Response: 2157342
Conc: 21.38 ug/ml



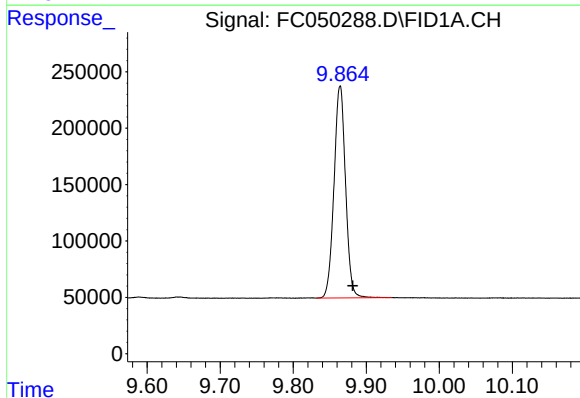
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.017 min
Response: 2347985
Conc: 21.09 ug/ml



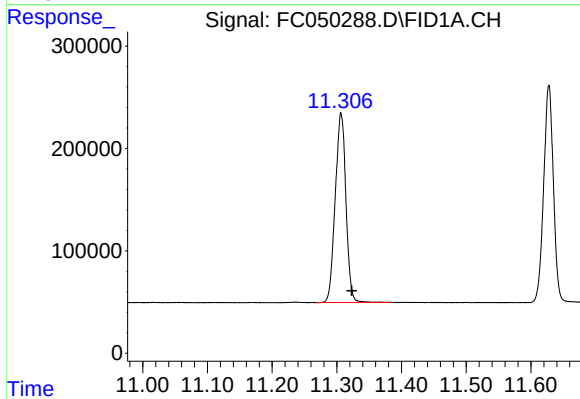
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.016 min
Response: 2127140
Conc: 21.23 ug/ml



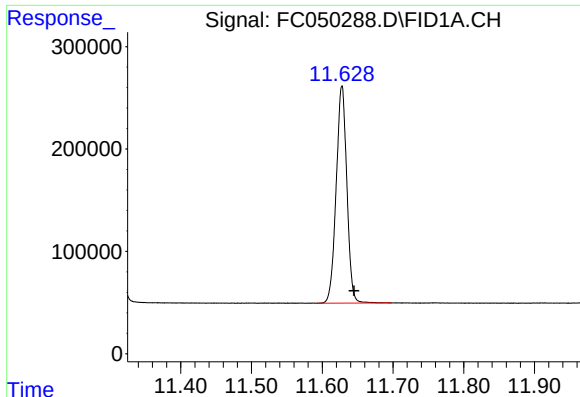
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.017 min
Response: 2063457
Conc: 20.94 ug/ml



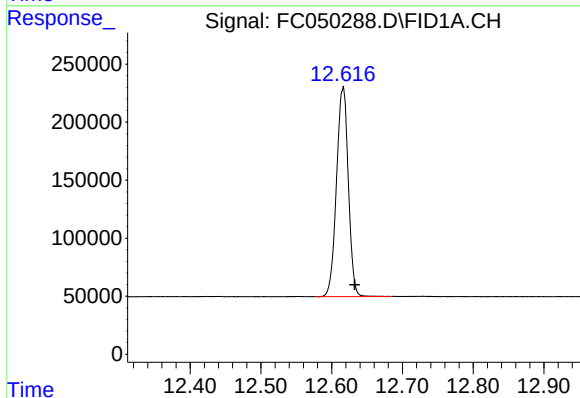
#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: -0.017 min
Response: 2124049
Conc: 20.57 ug/ml



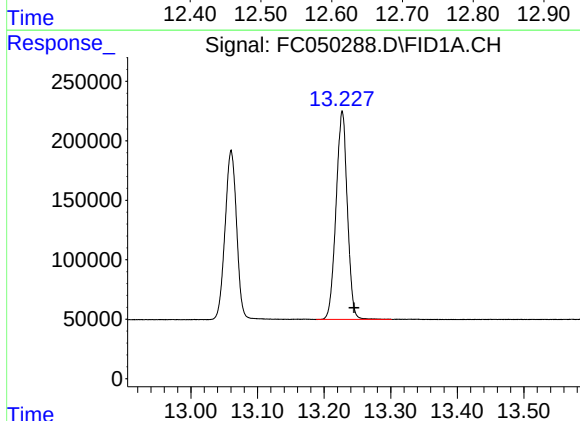
#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: -0.017 min
Response: 2222177
Conc: 19.82 ug/ml



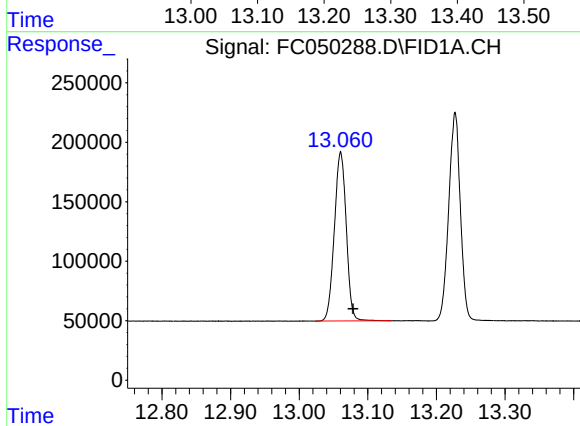
#10 n-Eicosane (C20)

R.T.: 12.616 min
Delta R.T.: -0.017 min
Response: 2094409
Conc: 20.13 ug/ml



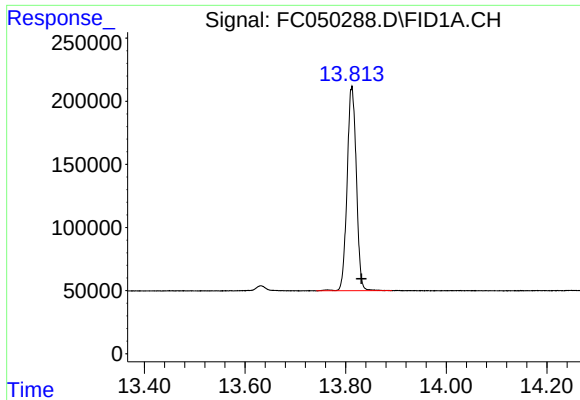
#11 n-Heneicosane (C21)

R.T.: 13.227 min
Delta R.T.: -0.018 min
Response: 2067774
Conc: 19.90 ug/ml



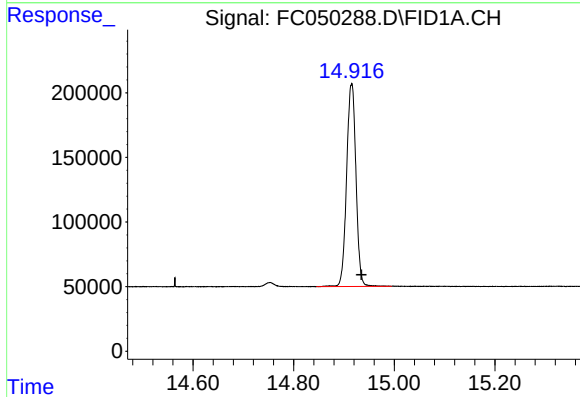
#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.018 min
Response: 1709422
Conc: 19.73 ug/ml



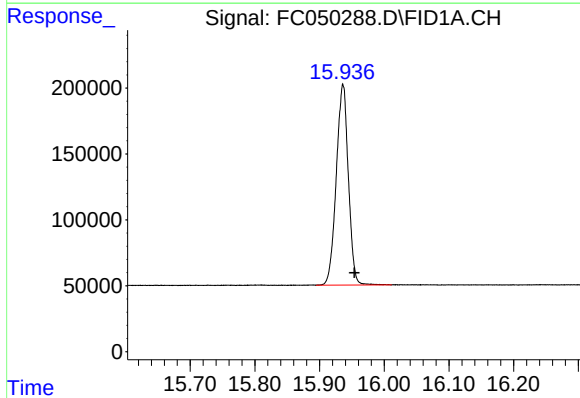
#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.019 min
Response: 2056265
Conc: 19.81 ug/ml



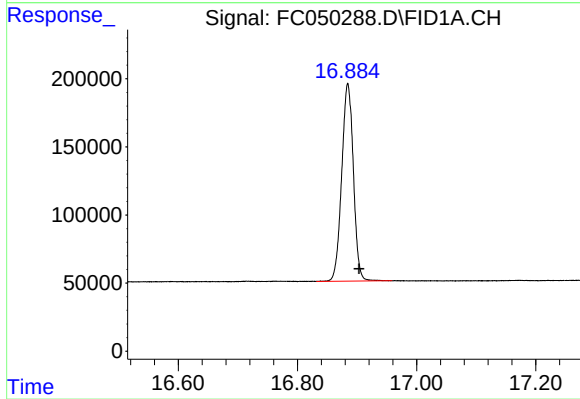
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: -0.019 min
Response: 2024148
Conc: 19.49 ug/ml



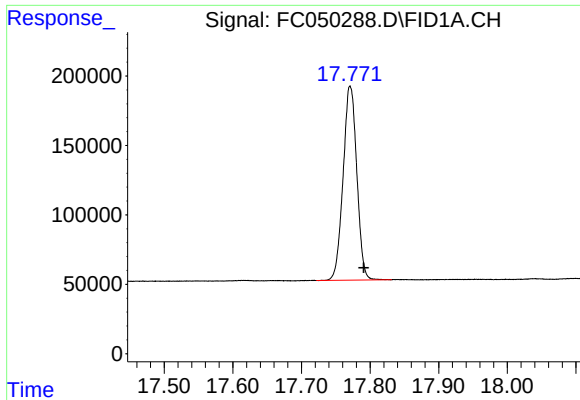
#15 n-Hexacosane (C26)

R.T.: 15.936 min
Delta R.T.: -0.018 min
Response: 1975869
Conc: 19.17 ug/ml



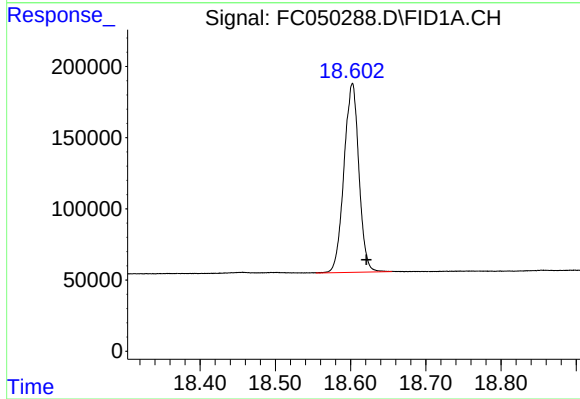
#16 n-Octacosane (C28)

R.T.: 16.885 min
Delta R.T.: -0.019 min
Response: 1972760
Conc: 19.06 ug/ml



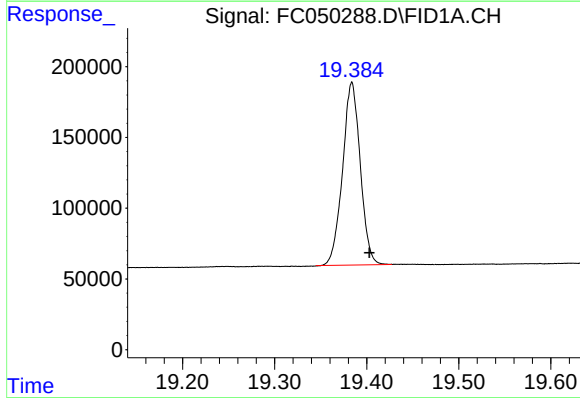
#17 n-Tricontane (C30)

R.T.: 17.771 min
Delta R.T.: -0.020 min
Response: 1935977
Conc: 18.97 ug/ml



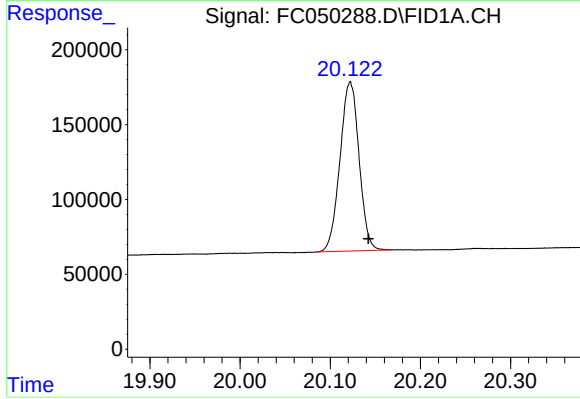
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.019 min
Response: 1830163
Conc: 19.05 ug/ml m



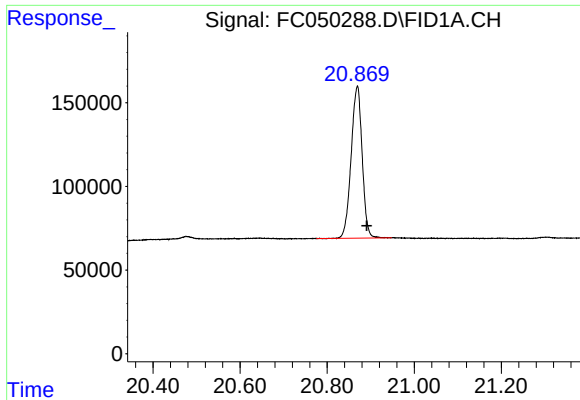
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: -0.019 min
Response: 1728950
Conc: 18.85 ug/ml m



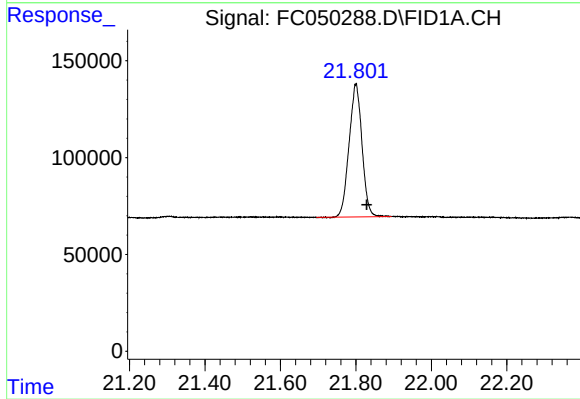
#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: -0.020 min
Response: 1662624
Conc: 18.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.022 min
Response: 1591724
Conc: 19.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.029 min
Response: 1632958
Conc: 19.53 ug/ml