

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050522AL\
 Data File : FC059581.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2022 15:25
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 05 15:50:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:25:44 2022
 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)	10.747	741616	5.063 ug/ml
Spiked Amount 50.000		Recovery =	10.13%
12) S 1-chlorooctadecane (S...	12.112	579429	5.044 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
Target Compounds			
1) T n-Nonane (C9)	2.695	633516	4.951 ug/ml
2) T n-Decane (C10)	3.701	621269	4.882 ug/ml
3) T A~Naphthalene (C11.7)	5.263	726170	4.915 ug/ml
4) T n-Dodecane (C12)	5.658	650140	4.930 ug/ml
5) T A~2-methylnaphthalene...	6.288	742181	4.922 ug/ml
6) T n-Tetradecane (C14)	7.411	669143	4.966 ug/ml
7) T n-Hexadecane (C16)	8.976	687017	5.009 ug/ml
8) T n-Octadecane (C18)	10.387	689017	5.000 ug/ml
10) T n-Eicosane (C20)	11.670	675259	5.026 ug/ml
11) T n-Heneicosane (C21)	12.269	676607	5.090 ug/ml
13) T n-Docosane (C22)	12.842	664329	5.078 ug/ml
14) T n-Tetracosane (C24)	13.922	634573	5.054 ug/ml
15) T n-Hexacosane (C26)	14.923	606674	5.100 ug/ml
16) T n-Octacosane (C28)	15.853	582100	5.142 ug/ml
17) T n-Tricontane (C30)	16.721	574794	5.290 ug/ml
18) T n-Dotriacontane (C32)	17.536	525516	5.104 ug/ml
19) T n-Tetratriacontane (C34)	18.302	491345	5.041 ug/ml
20) T n-Hexatriacontane (C36)	19.027	460669	4.953 ug/ml
21) T n-Octatriacontane (C38)	19.712	515287	5.527 ug/ml
22) T n-Tetracontane (C40)	20.363	477068	5.050 ug/ml

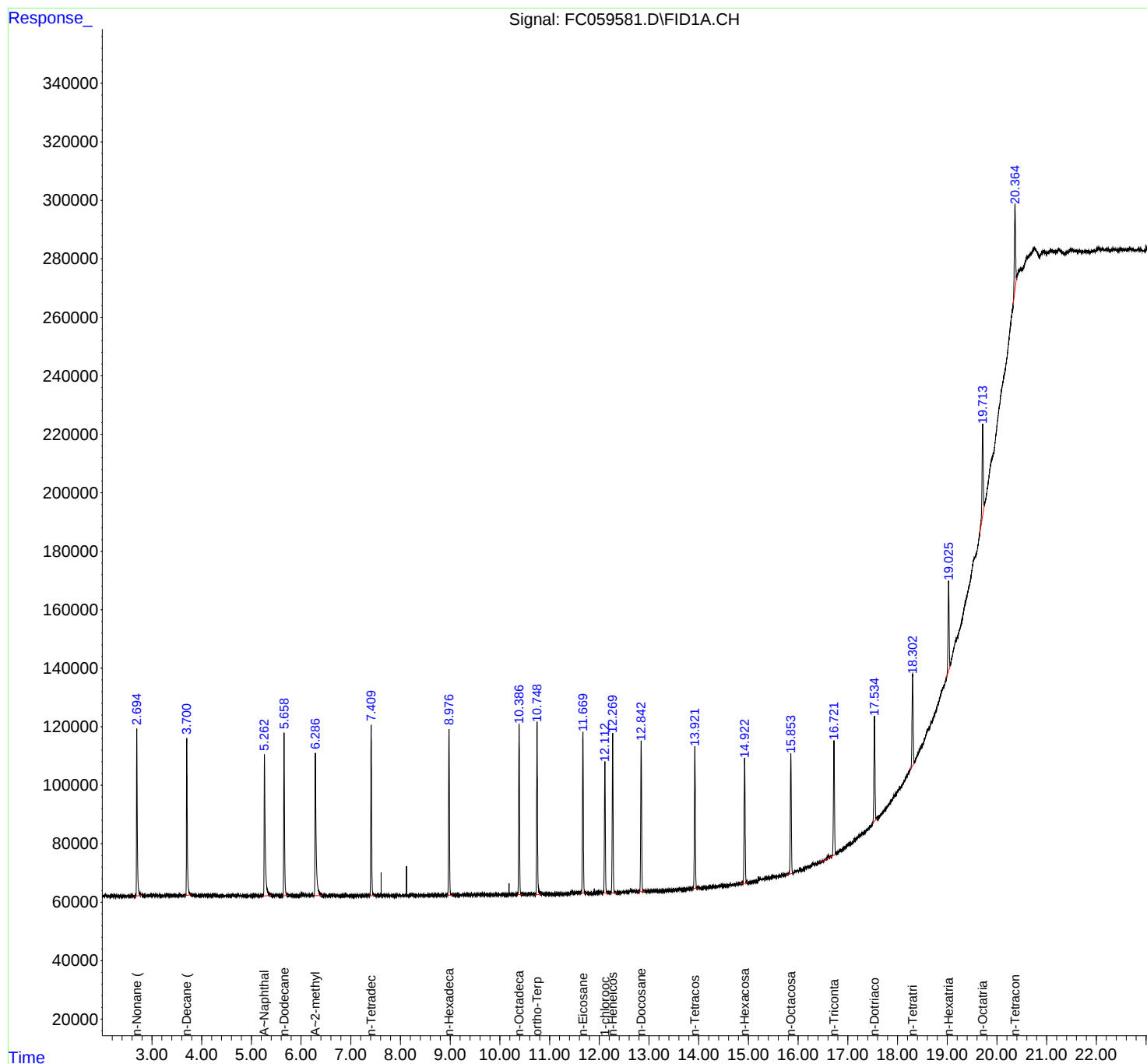
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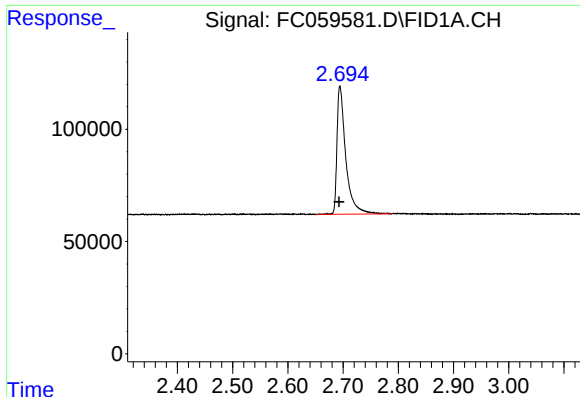
(m)=manual int.

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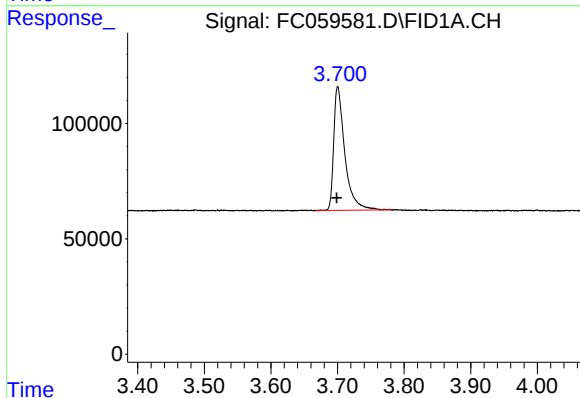
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Signal Info : 20M x 0.18mm x 0.18um





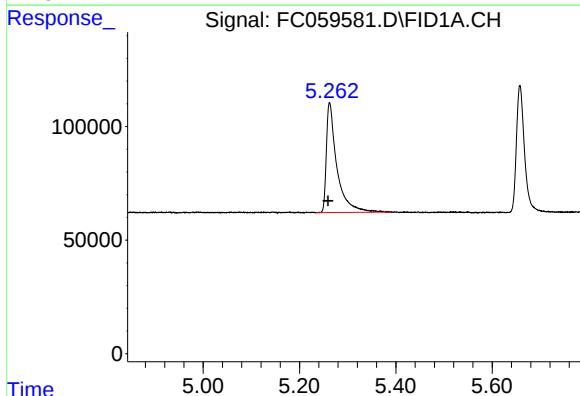
#1 n-Nonane (C9)

R.T.: 2.695 min
Delta R.T.: 0.002 min
Response: 633516
Conc: 4.95 ug/ml



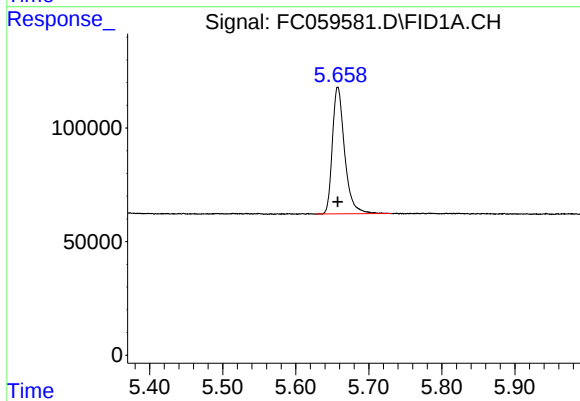
#2 n-Decane (C10)

R.T.: 3.701 min
Delta R.T.: 0.002 min
Response: 621269
Conc: 4.88 ug/ml



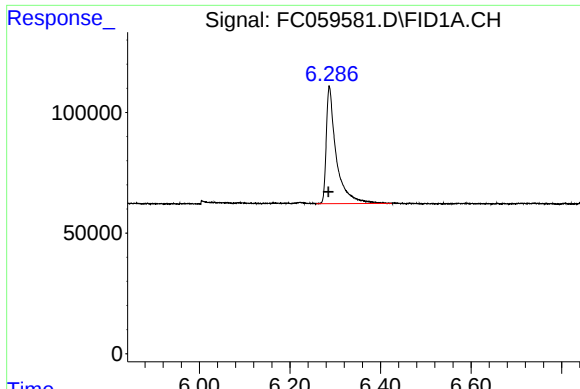
#3 A~Naphthalene (C11.7)

R.T.: 5.263 min
Delta R.T.: 0.004 min
Response: 726170
Conc: 4.91 ug/ml



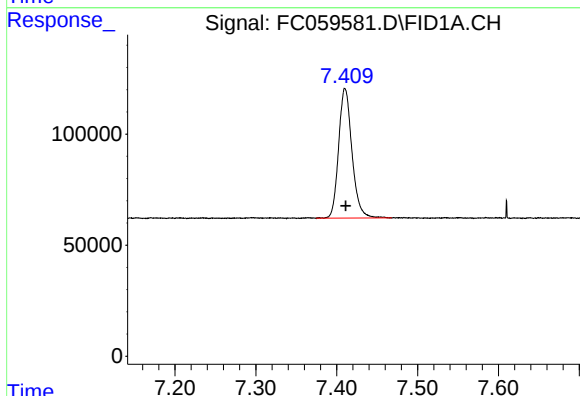
#4 n-Dodecane (C12)

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 650140
Conc: 4.93 ug/ml



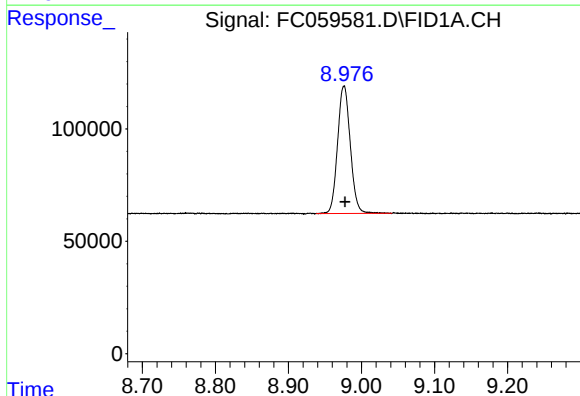
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.288 min
Delta R.T.: 0.003 min
Response: 742181
Conc: 4.92 ug/ml



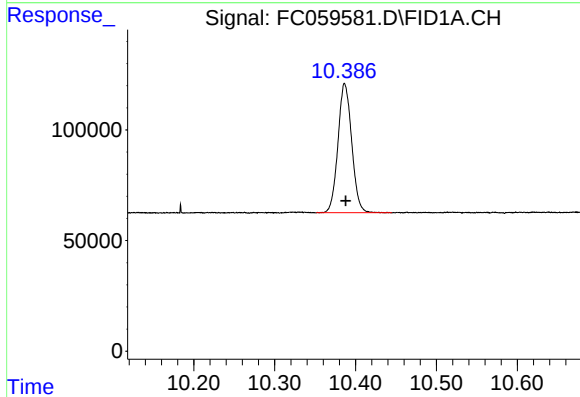
#6 n-Tetradecane (C14)

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 669143
Conc: 4.97 ug/ml



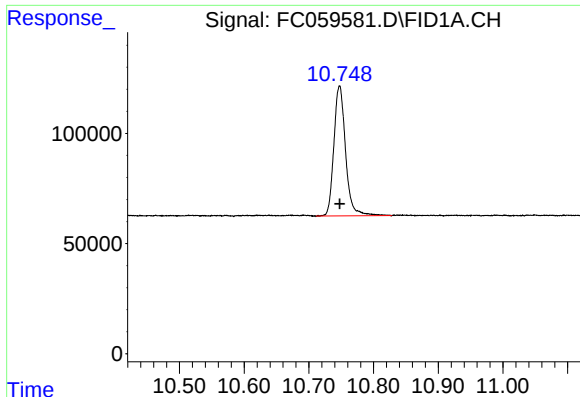
#7 n-Hexadecane (C16)

R.T.: 8.976 min
Delta R.T.: -0.002 min
Response: 687017
Conc: 5.01 ug/ml



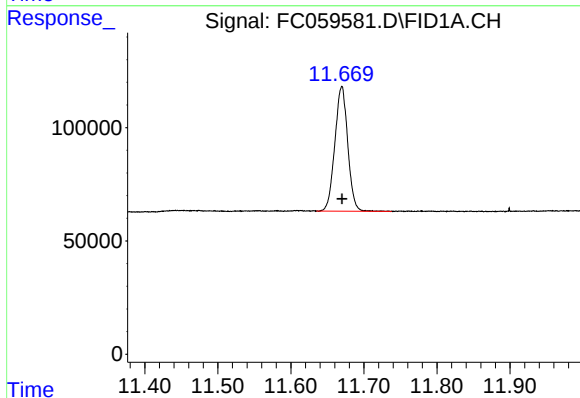
#8 n-Octadecane (C18)

R.T.: 10.387 min
Delta R.T.: -0.001 min
Response: 689017
Conc: 5.00 ug/ml



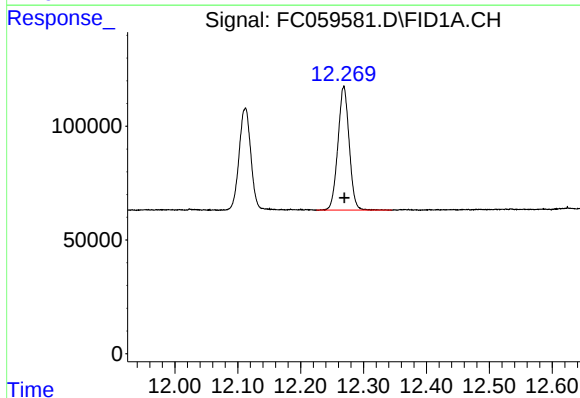
#9 ortho-Terphenyl (SURR)

R.T.: 10.747 min
Delta R.T.: 0.000 min
Response: 741616
Conc: 5.06 ug/ml



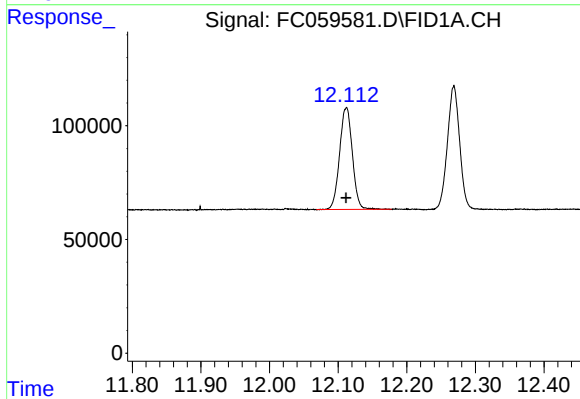
#10 n-Eicosane (C20)

R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 675259
Conc: 5.03 ug/ml



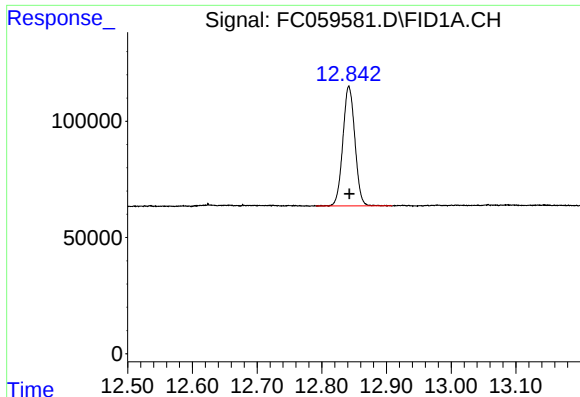
#11 n-Heneicosane (C21)

R.T.: 12.269 min
Delta R.T.: 0.000 min
Response: 676607
Conc: 5.09 ug/ml



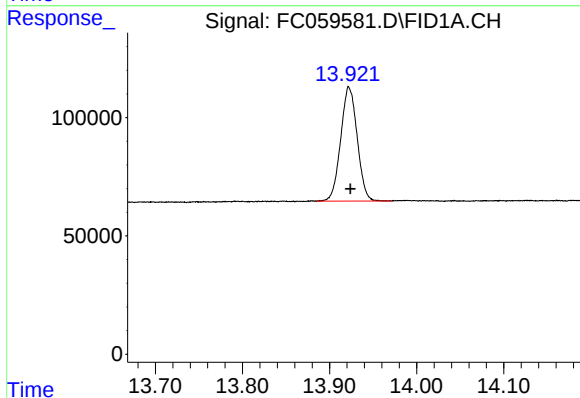
#12 1-chlorooctadecane (SURR)

R.T.: 12.112 min
Delta R.T.: 0.000 min
Response: 579429
Conc: 5.04 ug/ml



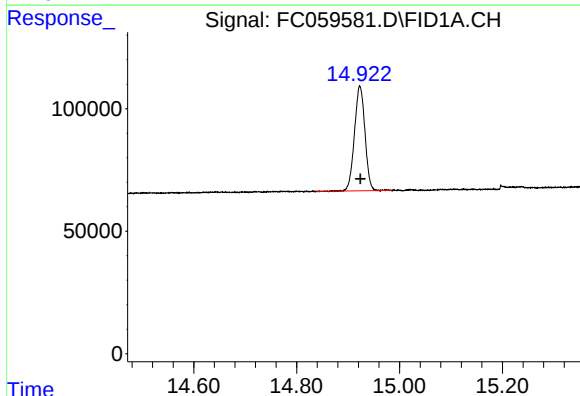
#13 n-Docosane (C22)

R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 664329
Conc: 5.08 ug/ml



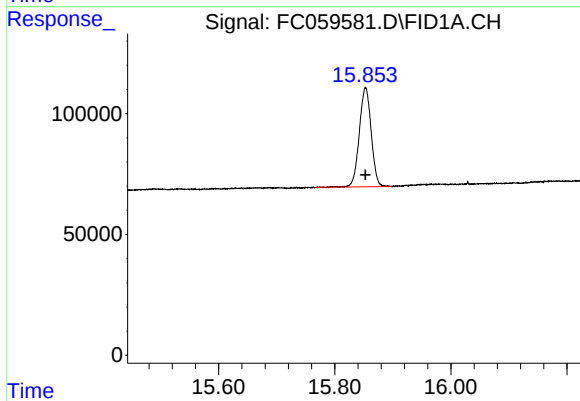
#14 n-Tetracosane (C24)

R.T.: 13.922 min
Delta R.T.: -0.002 min
Response: 634573
Conc: 5.05 ug/ml



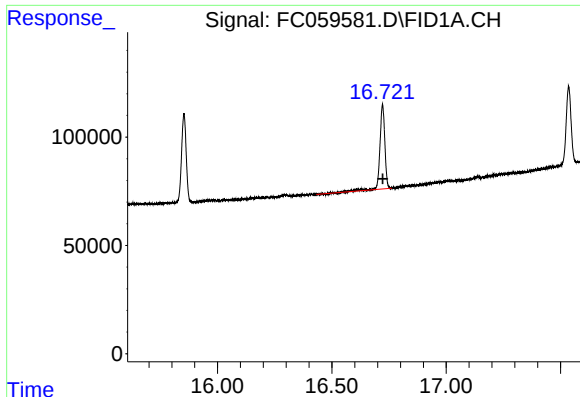
#15 n-Hexacosane (C26)

R.T.: 14.923 min
Delta R.T.: 0.000 min
Response: 606674
Conc: 5.10 ug/ml



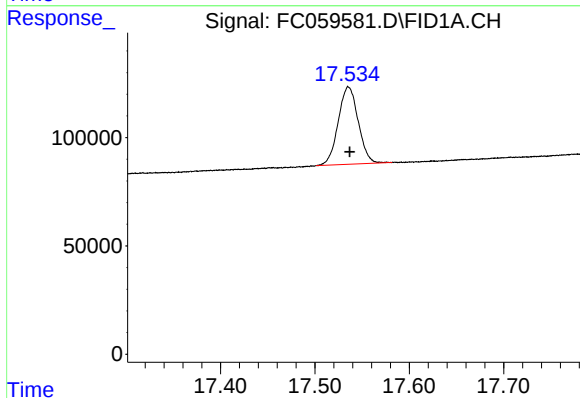
#16 n-Octacosane (C28)

R.T.: 15.853 min
Delta R.T.: 0.000 min
Response: 582100
Conc: 5.14 ug/ml



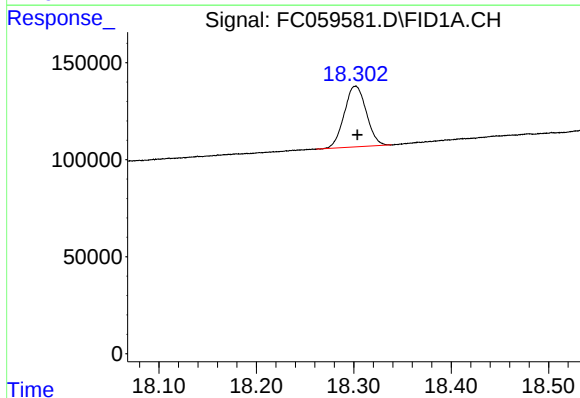
#17 n-Tricontane (C30)

R.T.: 16.721 min
Delta R.T.: 0.000 min
Response: 574794
Conc: 5.29 ug/ml



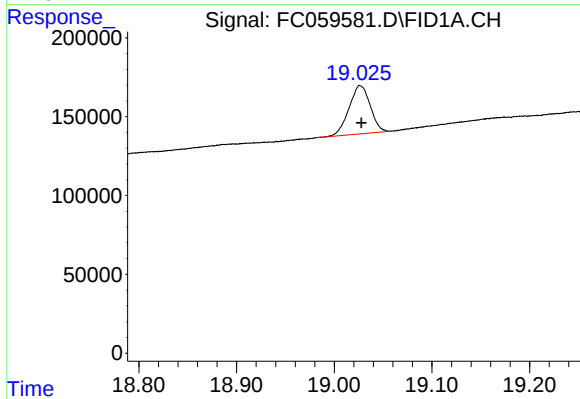
#18 n-Dotriacontane (C32)

R.T.: 17.536 min
Delta R.T.: -0.001 min
Response: 525516
Conc: 5.10 ug/ml



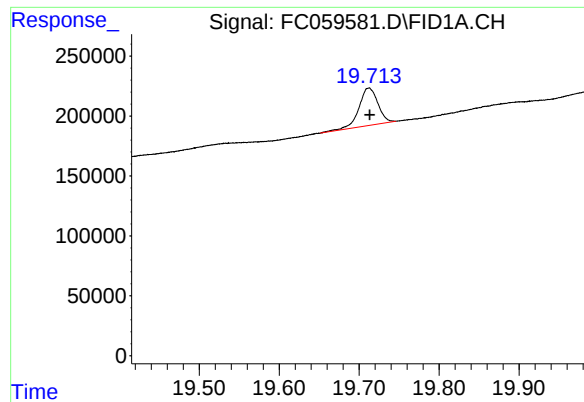
#19 n-Tetratriacontane (C34)

R.T.: 18.302 min
Delta R.T.: -0.002 min
Response: 491345
Conc: 5.04 ug/ml



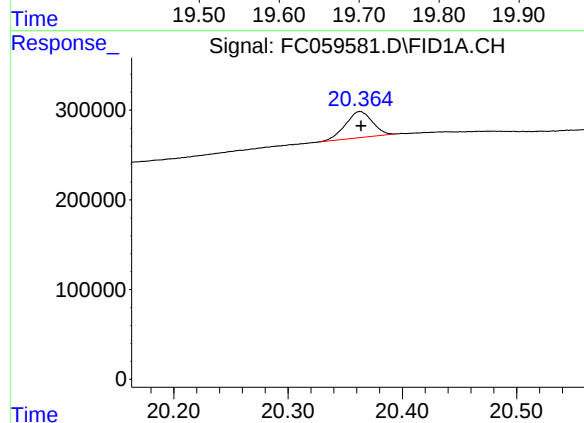
#20 n-Hexatriacontane (C36)

R.T.: 19.027 min
Delta R.T.: 0.000 min
Response: 460669
Conc: 4.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.712 min
Delta R.T.: -0.001 min
Response: 515287
Conc: 5.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.363 min
Delta R.T.: 0.000 min
Response: 477068
Conc: 5.05 ug/ml