

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102220AL\
 Data File : FC050304.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2020 00:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 23 00:56:39 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)	11.629	2343418	20.906 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
12) S 1-chlorooctadecane (S...	13.063	1806976	20.860 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
Target Compounds			
1) T n-Nonane (C9)	3.373	2203643	22.237 ug/ml
2) T n-Decane (C10)	4.445	2222535	22.323 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2423334	21.987 ug/ml
4) T n-Dodecane (C12)	6.467	2250163	22.300 ug/ml
5) T A~2-methylnaphthalene...	7.098	2443337	21.952 ug/ml
6) T n-Tetradecane (C14)	8.264	2223487	22.195 ug/ml
7) T n-Hexadecane (C16)	9.866	2163402	21.951 ug/ml
8) T n-Octadecane (C18)	11.308	2230778	21.601 ug/ml
10) T n-Eicosane (C20)	12.618	2204216	21.183 ug/ml
11) T n-Heneicosane (C21)	13.229	2179476	20.974 ug/ml
13) T n-Docosane (C22)	13.815	2167358	20.879 ug/ml
14) T n-Tetracosane (C24)	14.918	2142801	20.630 ug/ml
15) T n-Hexacosane (C26)	15.939	2093123	20.312 ug/ml
16) T n-Octacosane (C28)	16.885	2085482	20.151 ug/ml
17) T n-Tricontane (C30)	17.774	2036226	19.953 ug/ml
18) T n-Dotriacontane (C32)	18.605	1907475	19.856 ug/mlm
19) T n-Tetratriacontane (C34)	19.386	1792748	19.545 ug/mlm
20) T n-Hexatriacontane (C36)	20.125	1728977	19.520 ug/mlm
21) T n-Octatriacontane (C38)	20.872	1694464	20.549 ug/mlm
22) T n-Tetracontane (C40)	21.801	1654762	19.789 ug/mlm

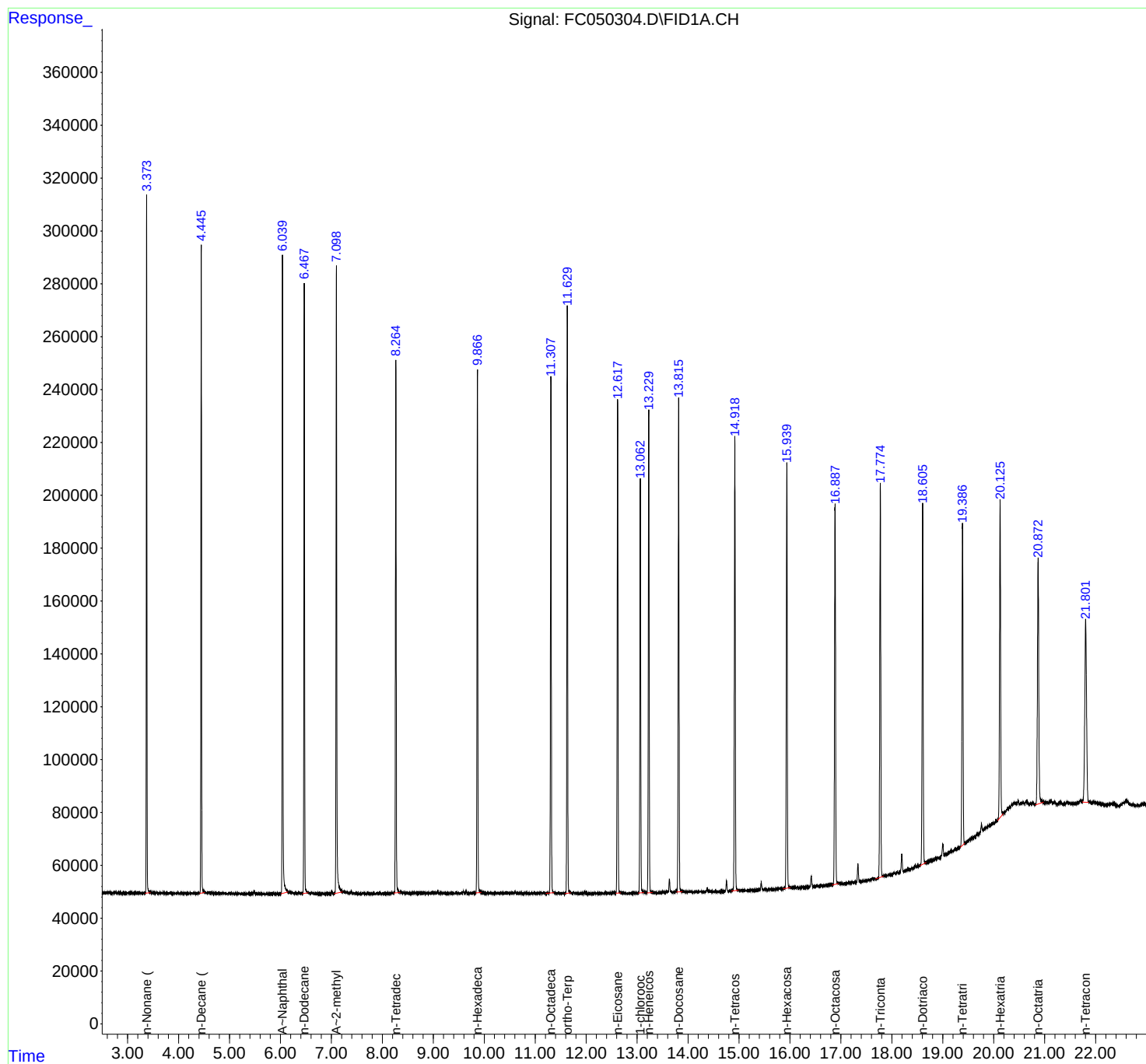
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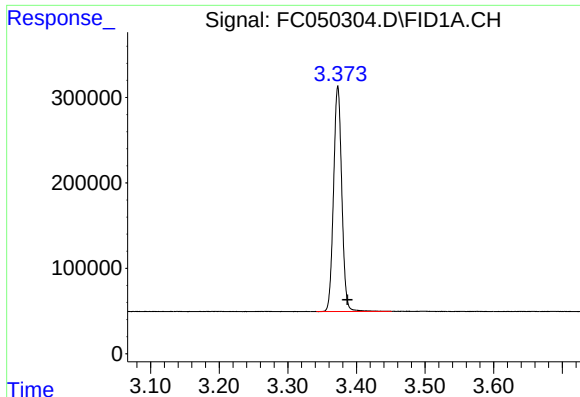
(m)=manual int.

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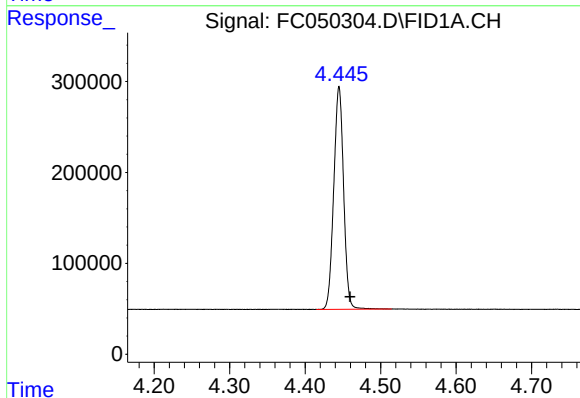
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Signal Info : 20M x 0.18mm x 0.18um





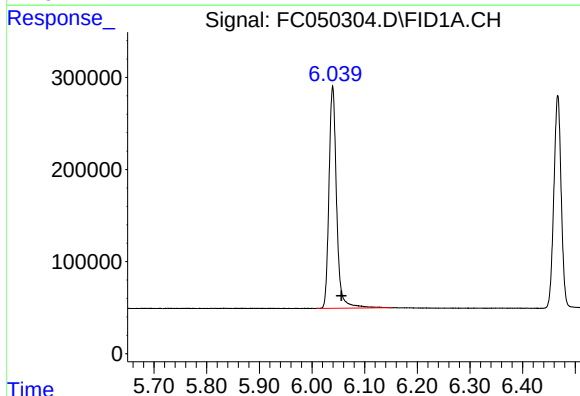
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: -0.014 min
Response: 2203643
Conc: 22.24 ug/ml



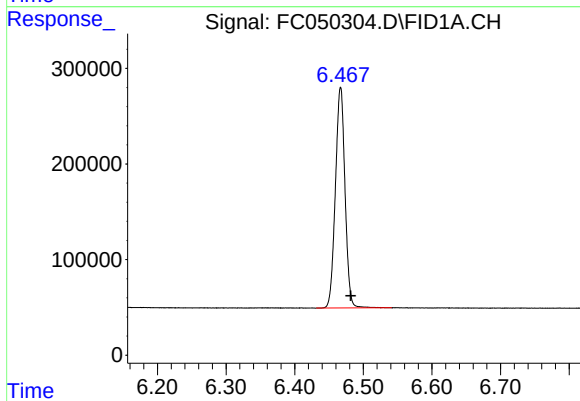
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.015 min
Response: 2222535
Conc: 22.32 ug/ml



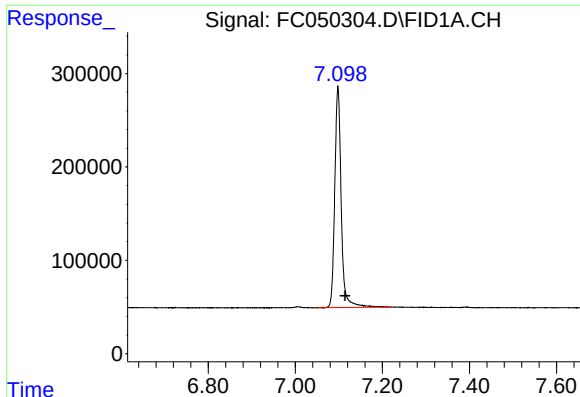
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.017 min
Response: 2423334
Conc: 21.99 ug/ml



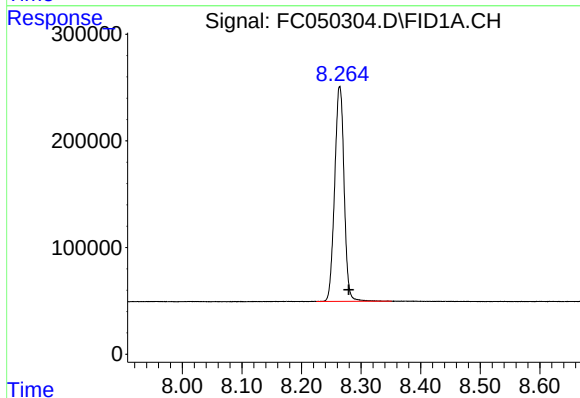
#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.015 min
Response: 2250163
Conc: 22.30 ug/ml



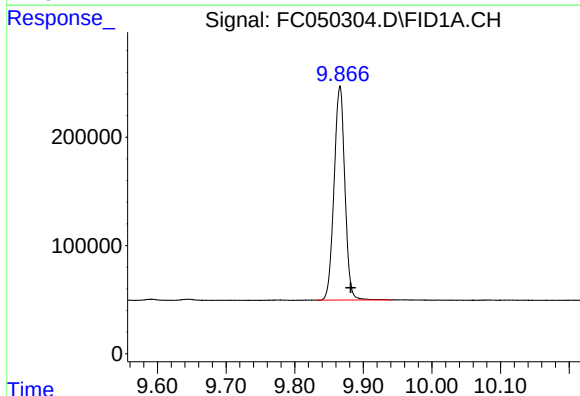
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: -0.016 min
Response: 2443337
Conc: 21.95 ug/ml



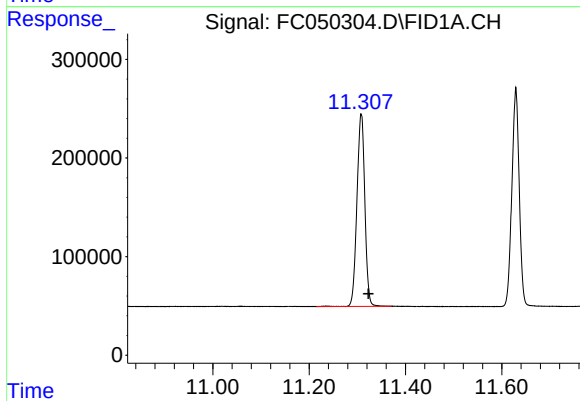
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 2223487
Conc: 22.19 ug/ml



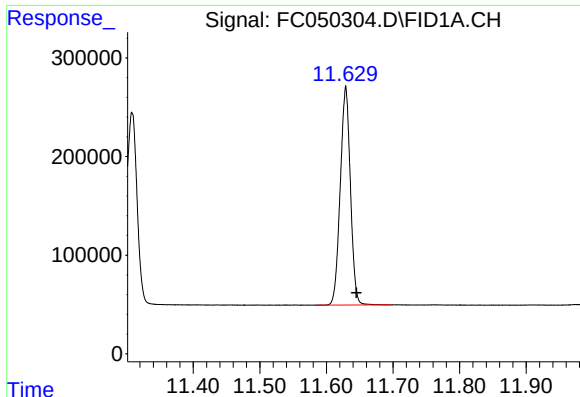
#7 n-Hexadecane (C16)

R.T.: 9.866 min
Delta R.T.: -0.016 min
Response: 2163402
Conc: 21.95 ug/ml



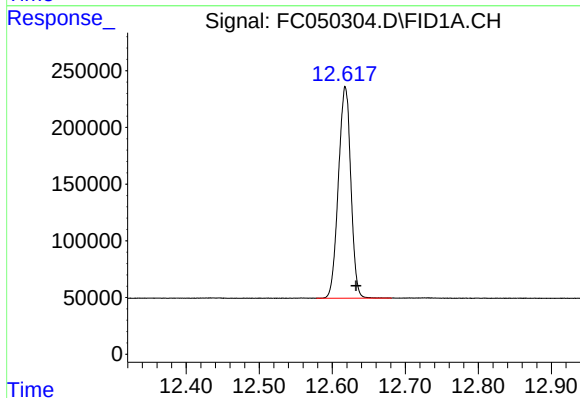
#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.015 min
Response: 2230778
Conc: 21.60 ug/ml



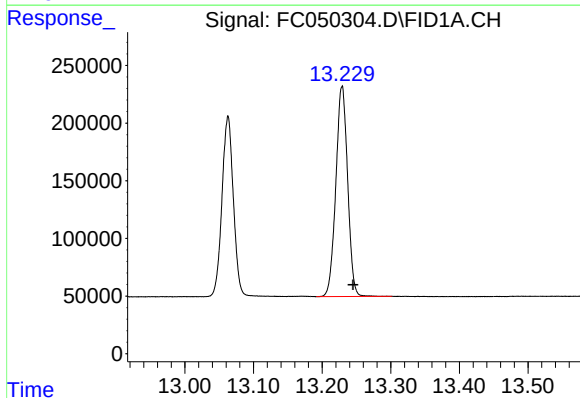
#9 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.016 min
Response: 2343418
Conc: 20.91 ug/ml



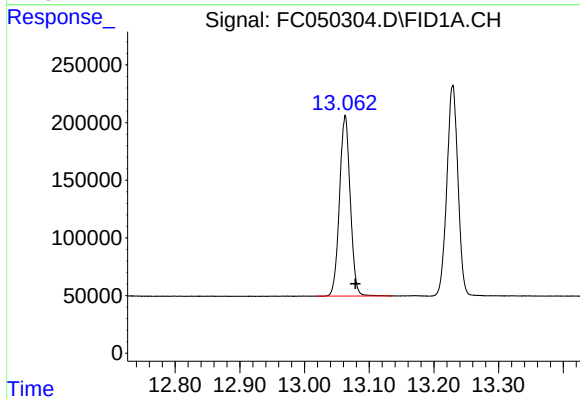
#10 n-Eicosane (C20)

R.T.: 12.618 min
Delta R.T.: -0.015 min
Response: 2204216
Conc: 21.18 ug/ml



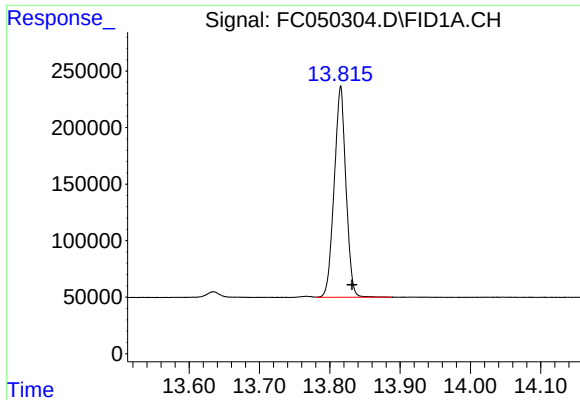
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.016 min
Response: 2179476
Conc: 20.97 ug/ml



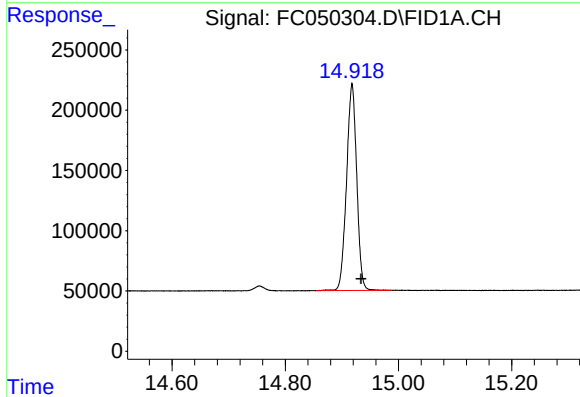
#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: -0.016 min
Response: 1806976
Conc: 20.86 ug/ml



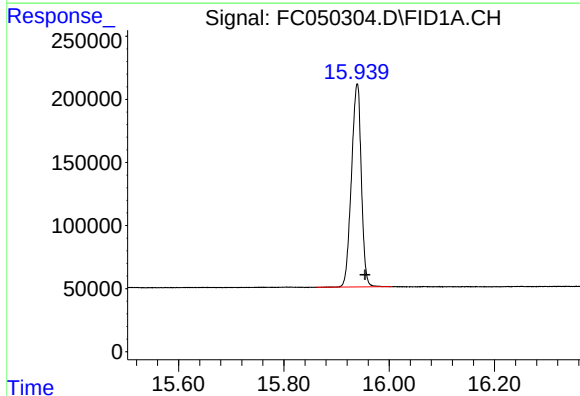
#13 n-Docosane (C22)

R.T.: 13.815 min
Delta R.T.: -0.016 min
Response: 2167358
Conc: 20.88 ug/ml



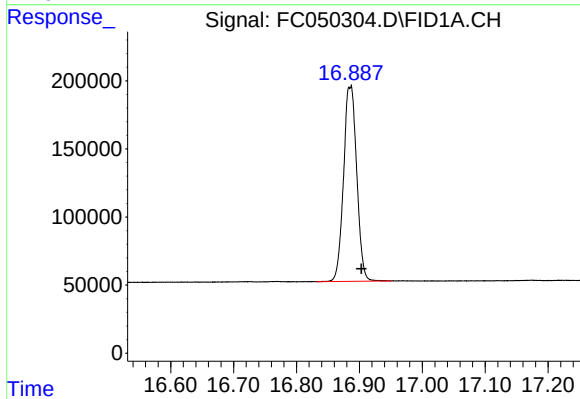
#14 n-Tetracosane (C24)

R.T.: 14.918 min
Delta R.T.: -0.016 min
Response: 2142801
Conc: 20.63 ug/ml



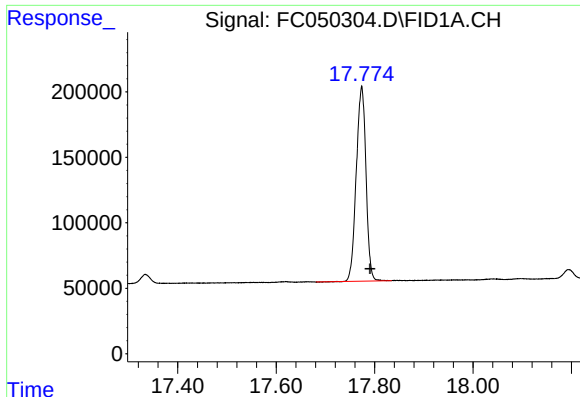
#15 n-Hexacosane (C26)

R.T.: 15.939 min
Delta R.T.: -0.015 min
Response: 2093123
Conc: 20.31 ug/ml



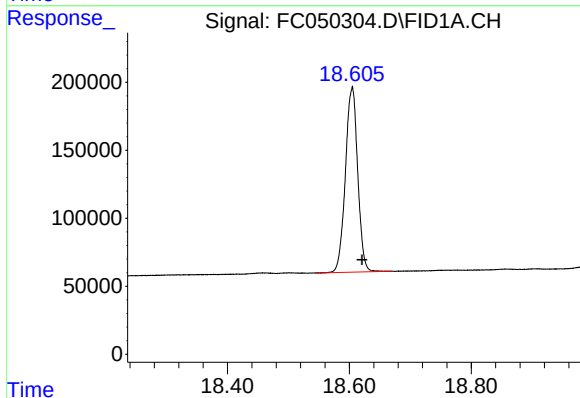
#16 n-Octacosane (C28)

R.T.: 16.885 min
Delta R.T.: -0.018 min
Response: 2085482
Conc: 20.15 ug/ml



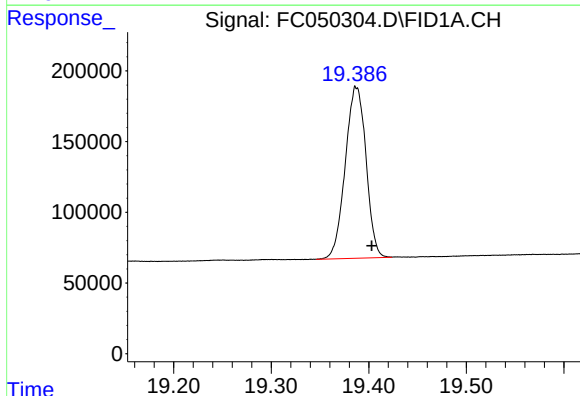
#17 n-Tricontane (C30)

R.T.: 17.774 min
Delta R.T.: -0.017 min
Response: 2036226
Conc: 19.95 ug/ml



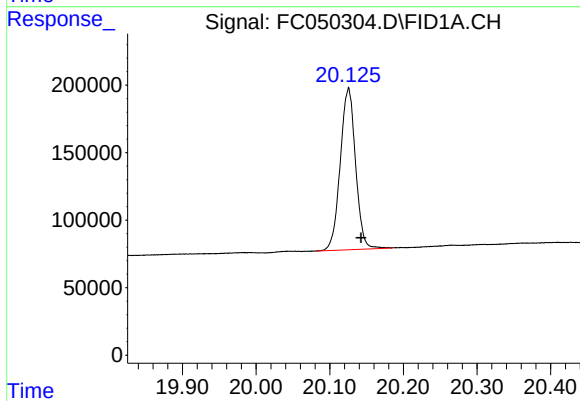
#18 n-Dotriacontane (C32)

R.T.: 18.605 min
Delta R.T.: -0.016 min
Response: 1907475
Conc: 19.86 ug/ml m



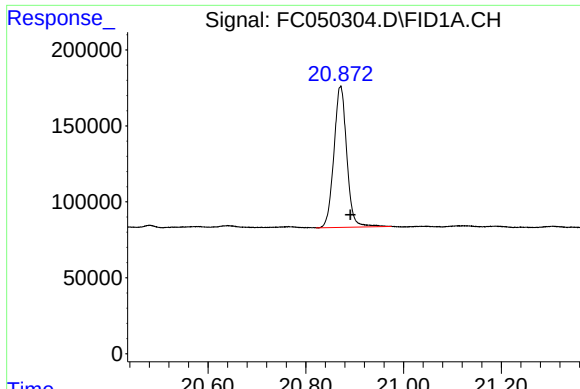
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: -0.018 min
Response: 1792748
Conc: 19.55 ug/ml m



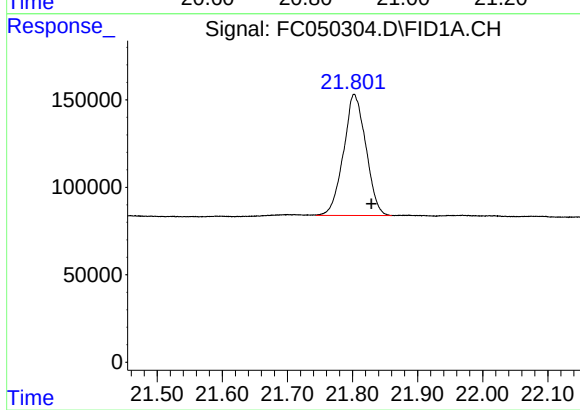
#20 n-Hexatriacontane (C36)

R.T.: 20.125 min
Delta R.T.: -0.017 min
Response: 1728977
Conc: 19.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: -0.019 min
Response: 1694464
Conc: 20.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.028 min
Response: 1654762
Conc: 19.79 ug/ml m