

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082721AL\
 Data File : FC055419.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2021 11:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 22:33:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 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)	11.296	2347951	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
12) S 1-chlorooctadecane (S...	12.735	1827340	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.139	2279301	21.798 ug/ml
2) T n-Decane (C10)	4.187	2336815	22.191 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2376412	21.870 ug/ml
4) T n-Dodecane (C12)	6.186	2404618	22.144 ug/ml
5) T A~2-methylnaphthalene...	6.802	2366334	21.682 ug/ml
6) T n-Tetradecane (C14)	7.969	2398428	21.484 ug/ml
7) T n-Hexadecane (C16)	9.559	2356107	20.658 ug/ml
8) T n-Octadecane (C18)	10.992	2334998	19.801 ug/ml
10) T n-Eicosane (C20)	12.294	2228661	18.983 ug/ml
11) T n-Heneicosane (C21)	12.904	2208507	18.704 ug/ml
13) T n-Docosane (C22)	13.486	2145372	18.368 ug/ml
14) T n-Tetracosane (C24)	14.584	2100923	18.151 ug/ml
15) T n-Hexacosane (C26)	15.601	2025773	18.076 ug/ml
16) T n-Octacosane (C28)	16.548	2021420	18.618 ug/ml
17) T n-Tricontane (C30)	17.432	2033459	19.476 ug/ml
18) T n-Dotriacontane (C32)	18.262	2040997	20.609 ug/ml
19) T n-Tetratriacontane (C34)	19.043	2059707	21.732 ug/mlm
20) T n-Hexatriacontane (C36)	19.782	2026126	22.422 ug/mlm
21) T n-Octatriacontane (C38)	20.481	2027983	23.471 ug/mlm
22) T n-Tetracontane (C40)	21.282	2104997	23.637 ug/ml

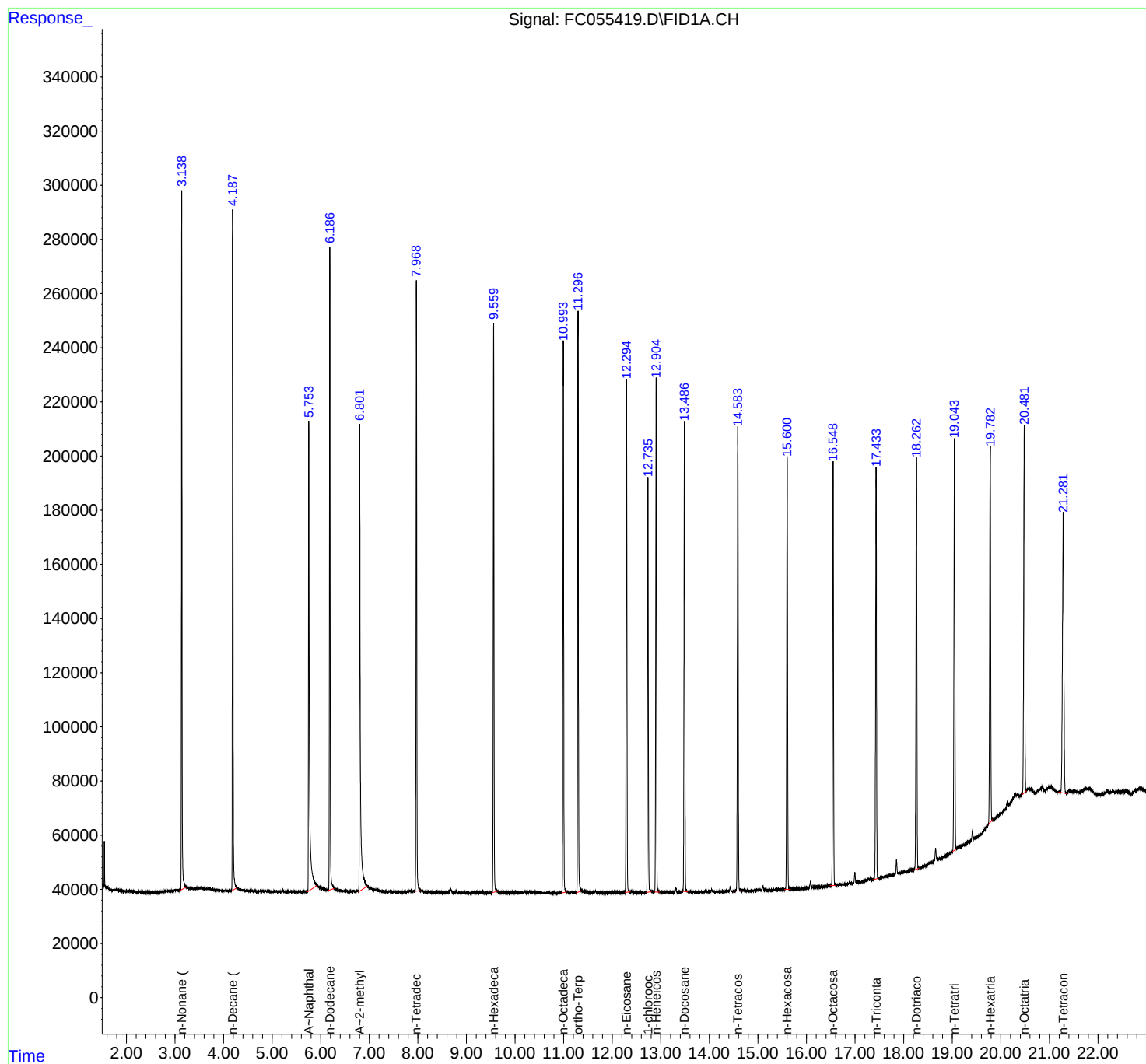
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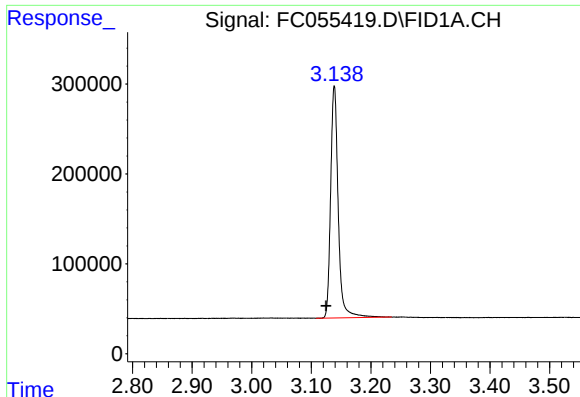
(m)=manual int.

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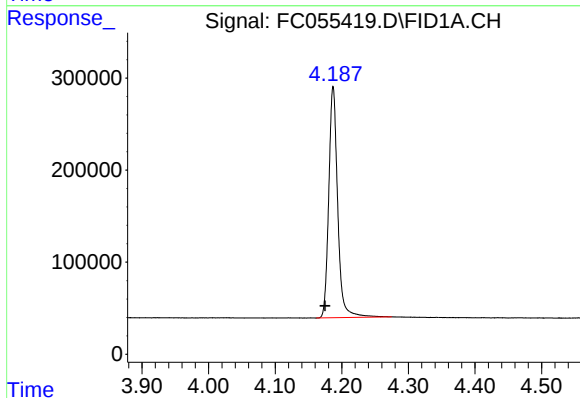
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





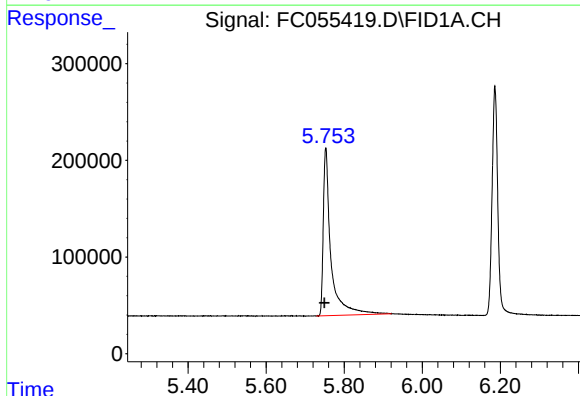
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2279301
Conc: 21.80 ug/ml



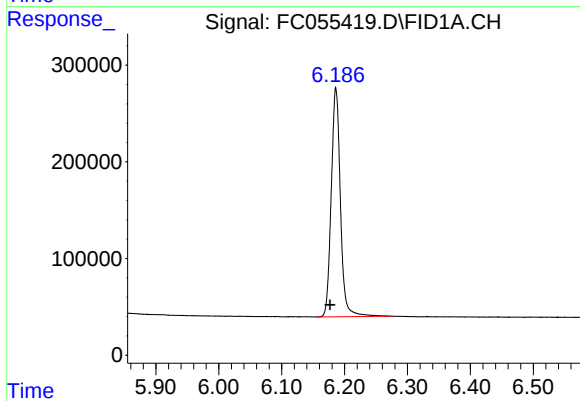
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: 0.013 min
Response: 2336815
Conc: 22.19 ug/ml



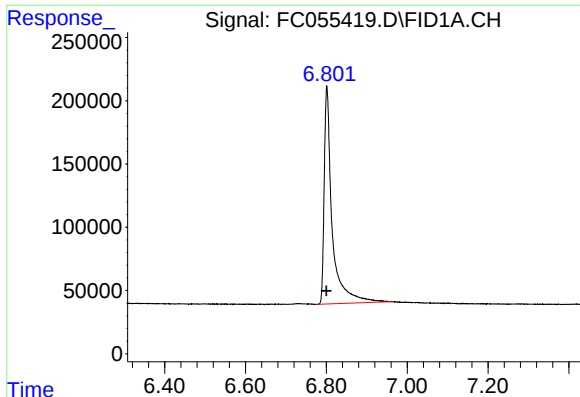
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.004 min
Response: 2376412
Conc: 21.87 ug/ml



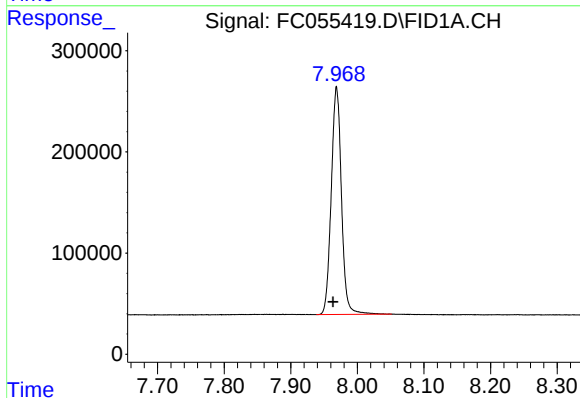
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: 0.009 min
Response: 2404618
Conc: 22.14 ug/ml



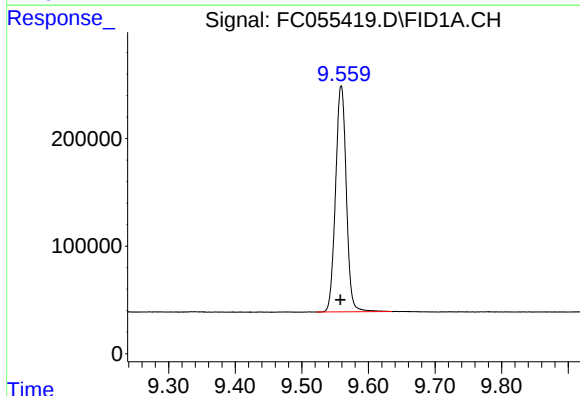
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 2366334
Conc: 21.68 ug/ml



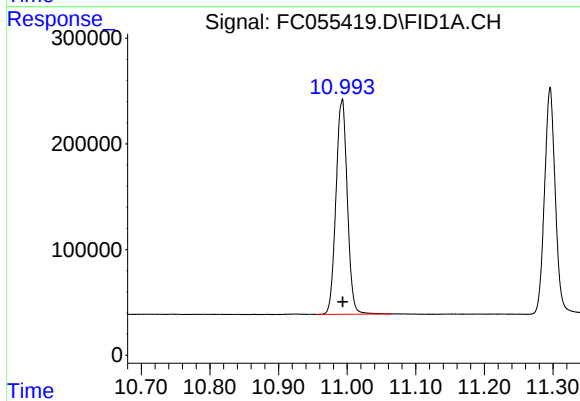
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.005 min
Response: 2398428
Conc: 21.48 ug/ml



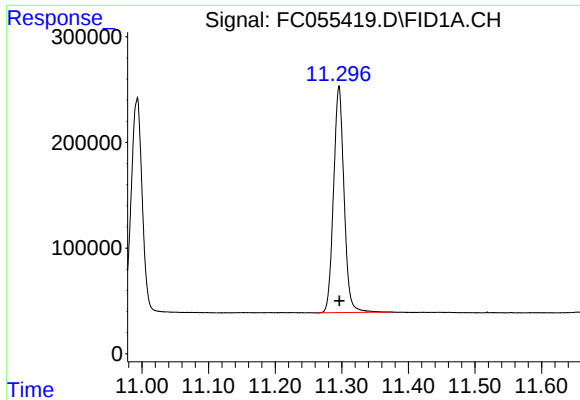
#7 n-Hexadecane (C16)

R.T.: 9.559 min
Delta R.T.: 0.001 min
Response: 2356107
Conc: 20.66 ug/ml



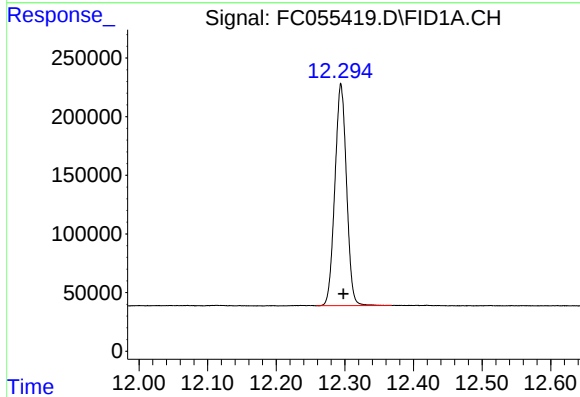
#8 n-Octadecane (C18)

R.T.: 10.992 min
Delta R.T.: -0.001 min
Response: 2334998
Conc: 19.80 ug/ml



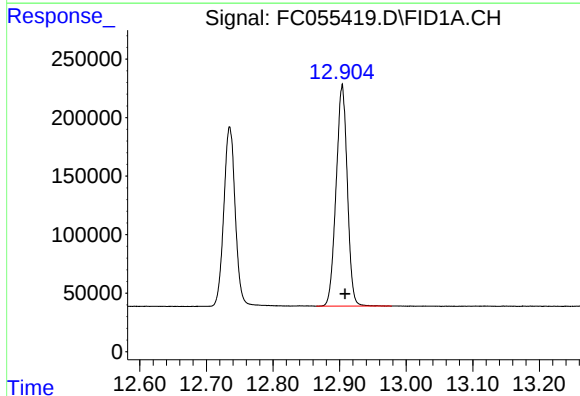
#9 ortho-Terphenyl (SURR)

R.T.: 11.296 min
Delta R.T.: 0.000 min
Response: 2347951
Conc: 18.65 ug/ml



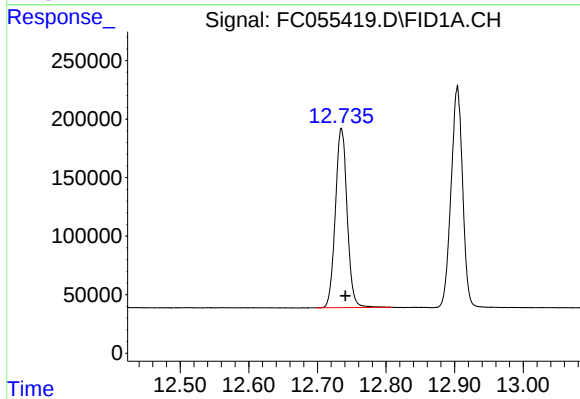
#10 n-Eicosane (C20)

R.T.: 12.294 min
Delta R.T.: -0.003 min
Response: 2228661
Conc: 18.98 ug/ml



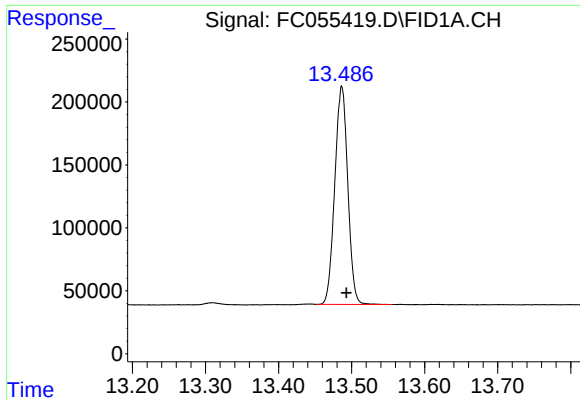
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 2208507
Conc: 18.70 ug/ml



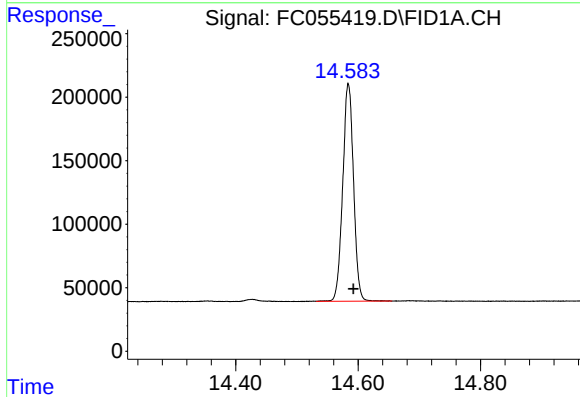
#12 1-chlorooctadecane (SURR)

R.T.: 12.735 min
Delta R.T.: -0.006 min
Response: 1827340
Conc: 18.44 ug/ml



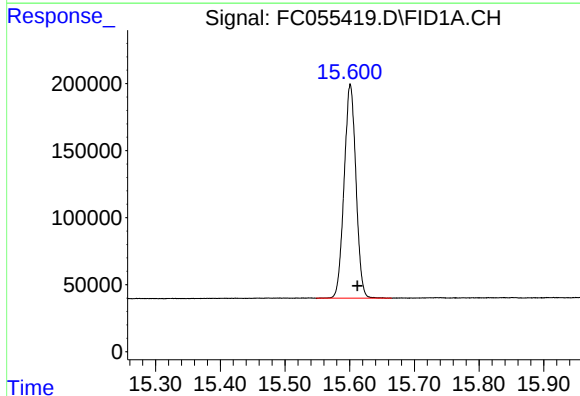
#13 n-Docosane (C22)

R.T.: 13.486 min
Delta R.T.: -0.007 min
Response: 2145372
Conc: 18.37 ug/ml



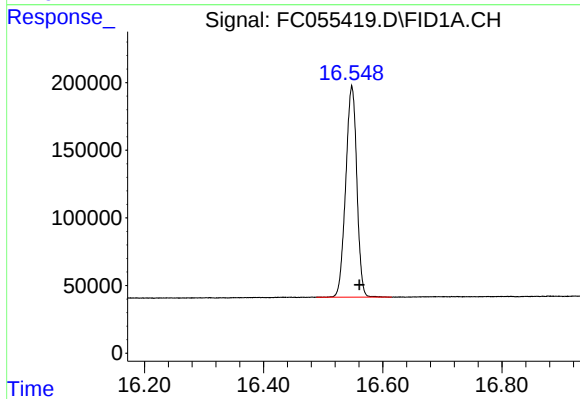
#14 n-Tetracosane (C24)

R.T.: 14.584 min
Delta R.T.: -0.008 min
Response: 2100923
Conc: 18.15 ug/ml



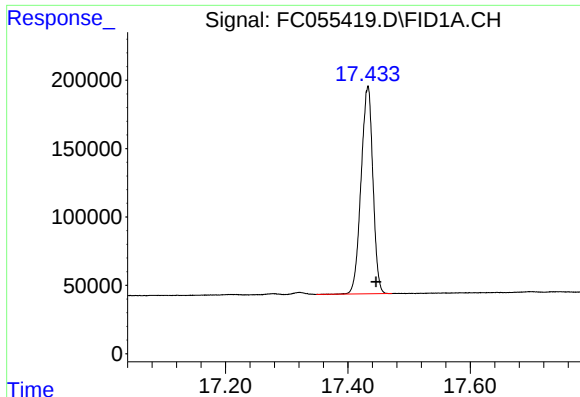
#15 n-Hexacosane (C26)

R.T.: 15.601 min
Delta R.T.: -0.011 min
Response: 2025773
Conc: 18.08 ug/ml



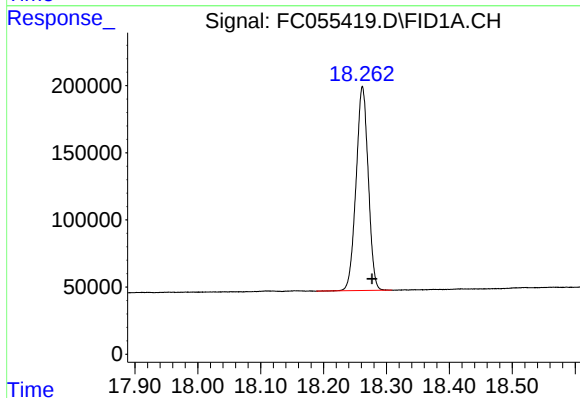
#16 n-Octacosane (C28)

R.T.: 16.548 min
Delta R.T.: -0.013 min
Response: 2021420
Conc: 18.62 ug/ml



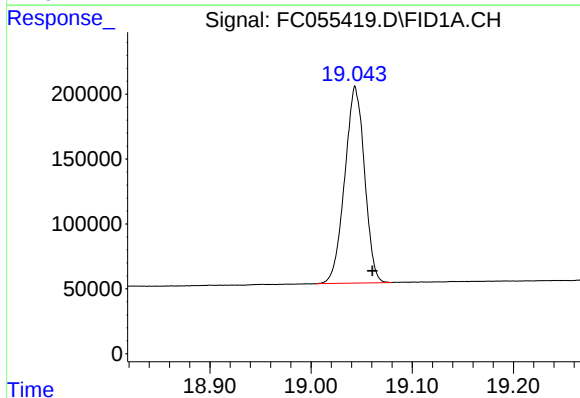
#17 n-Tricontane (C30)

R.T.: 17.432 min
Delta R.T.: -0.014 min
Response: 2033459
Conc: 19.48 ug/ml



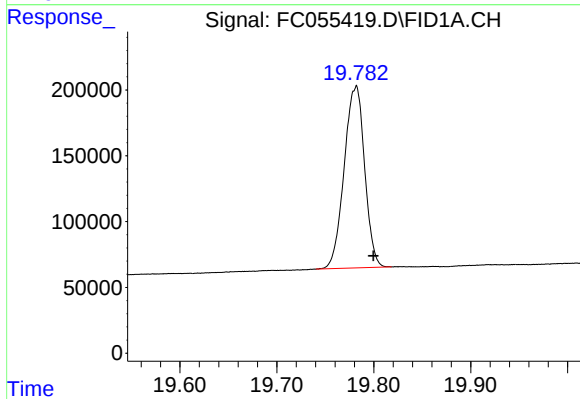
#18 n-Dotriacontane (C32)

R.T.: 18.262 min
Delta R.T.: -0.015 min
Response: 2040997
Conc: 20.61 ug/ml



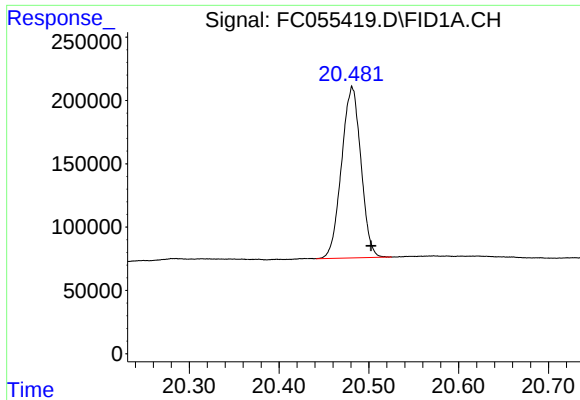
#19 n-Tetratriacontane (C34)

R.T.: 19.043 min
Delta R.T.: -0.018 min
Response: 2059707
Conc: 21.73 ug/ml m



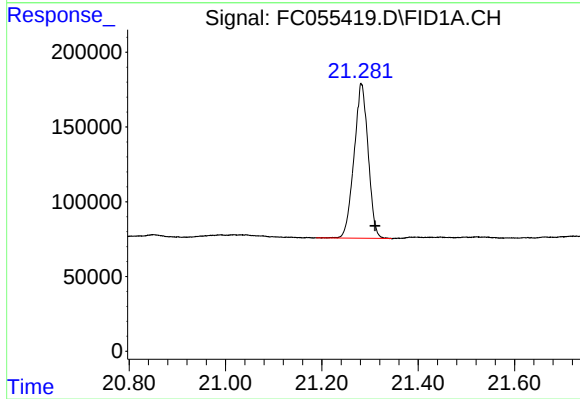
#20 n-Hexatriacontane (C36)

R.T.: 19.782 min
Delta R.T.: -0.018 min
Response: 2026126
Conc: 22.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.481 min
Delta R.T.: -0.022 min
Response: 2027983
Conc: 23.47 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.282 min
Delta R.T.: -0.028 min
Response: 2104997
Conc: 23.64 ug/ml