

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101521AL\
 Data File : FC056189.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2021 10:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 16 02:25:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.633	2219932	18.708 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.065	1711451	18.628 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.385	2284241	21.406 ug/ml
2) T n-Decane (C10)	4.454	2309190	21.603 ug/ml
3) T A~Naphthalene (C11.7)	6.048	2494455	20.732 ug/ml
4) T n-Dodecane (C12)	6.474	2293287	21.128 ug/ml
5) T A~2-methylnaphthalene...	7.105	2462844	20.275 ug/ml
6) T n-Tetradecane (C14)	8.270	2246302	20.304 ug/ml
7) T n-Hexadecane (C16)	9.870	2179815	19.693 ug/ml
8) T n-Octadecane (C18)	11.311	2160946	19.308 ug/ml
10) T n-Eicosane (C20)	12.619	2068001	18.933 ug/ml
11) T n-Heneicosane (C21)	13.230	2057849	18.927 ug/ml
13) T n-Docosane (C22)	13.814	2012178	18.841 ug/ml
14) T n-Tetracosane (C24)	14.915	1986637	18.998 ug/ml
15) T n-Hexacosane (C26)	15.934	1945079	19.359 ug/ml
16) T n-Octacosane (C28)	16.881	1949984	20.159 ug/ml
17) T n-Tricontane (C30)	17.767	1975115	21.287 ug/ml
18) T n-Dotriacontane (C32)	18.595	1975822	22.224 ug/ml
19) T n-Tetratriacontane (C34)	19.374	1931173	22.329 ug/ml
20) T n-Hexatriacontane (C36)	20.112	1824204	22.327 ug/ml
21) T n-Octatriacontane (C38)	20.850	1690656	21.216 ug/ml
22) T n-Tetracontane (C40)	21.772	1626203	20.287 ug/ml

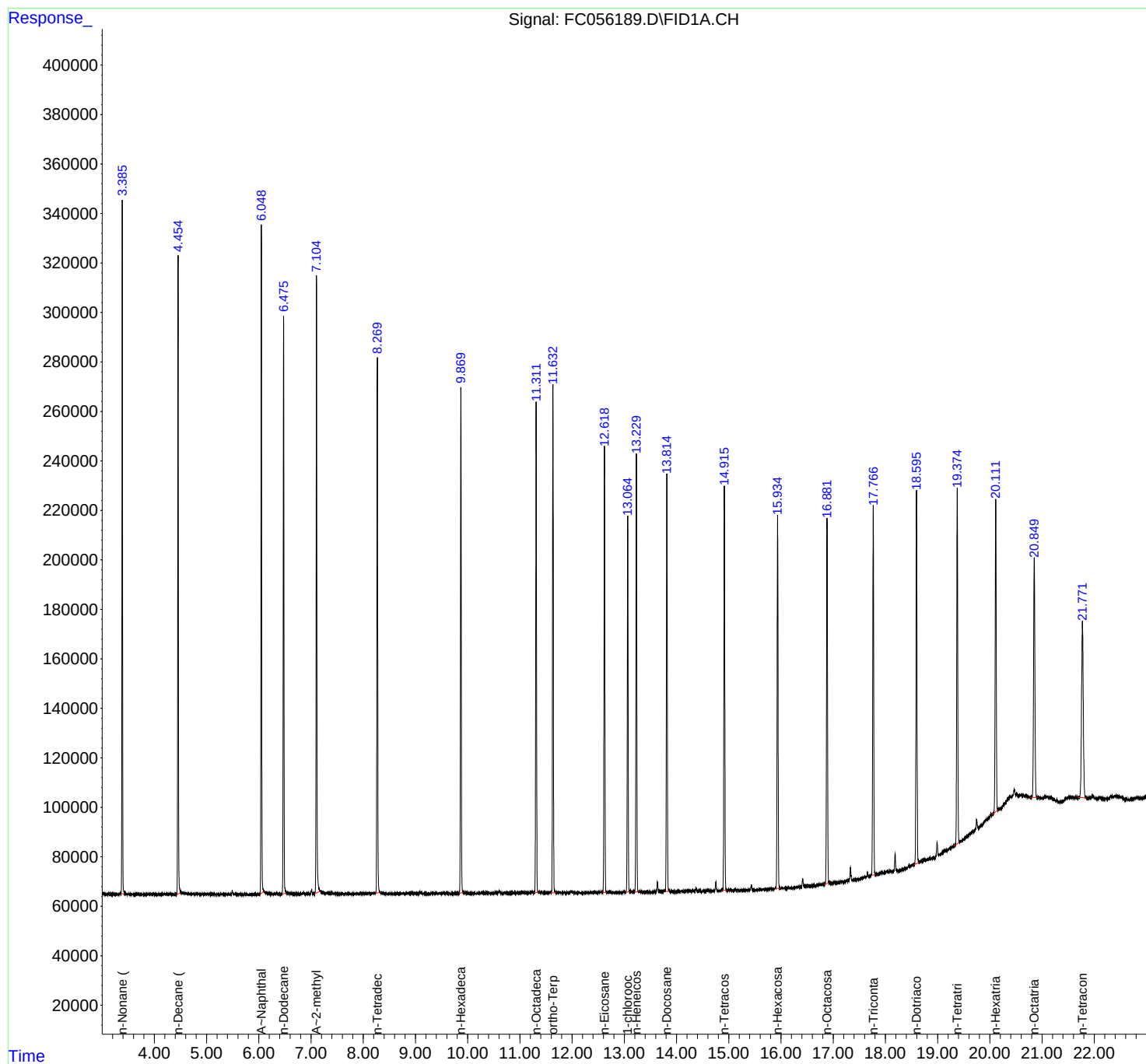
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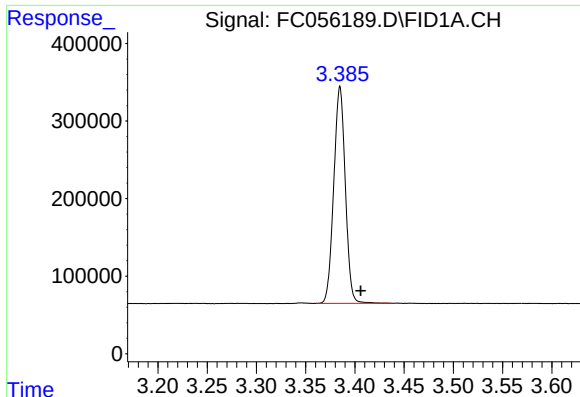
(m)=manual int.

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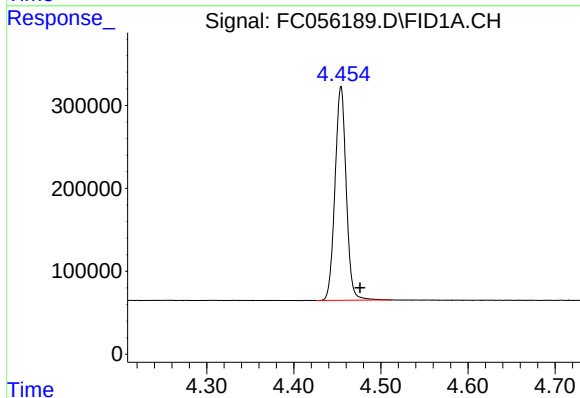
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Signal Info : 20M x 0.18mm x 0.18um





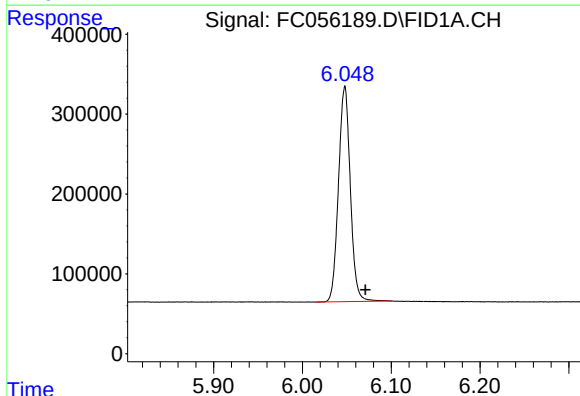
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.021 min
Response: 2284241
Conc: 21.41 ug/ml



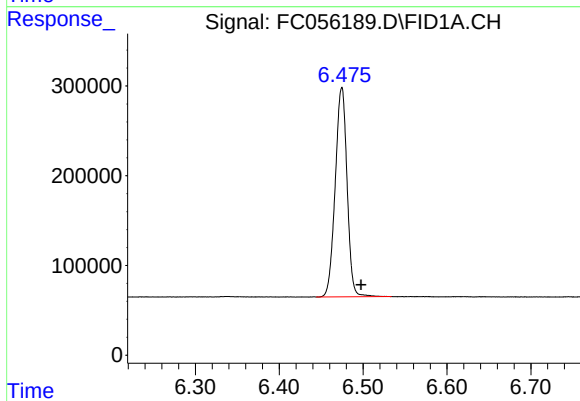
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.022 min
Response: 2309190
Conc: 21.60 ug/ml



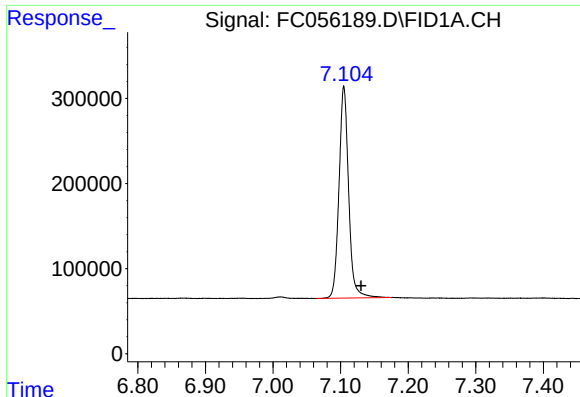
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.023 min
Response: 2494455
Conc: 20.73 ug/ml



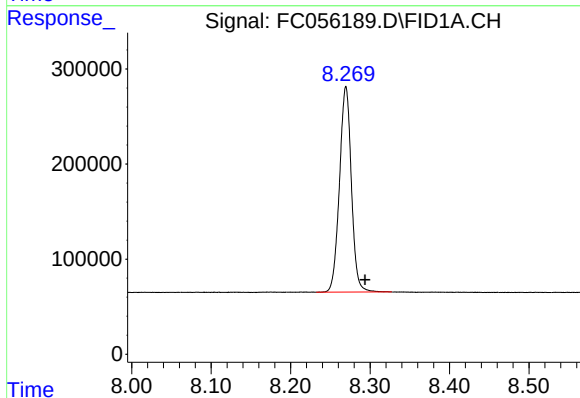
#4 n-Dodecane (C12)

R.T.: 6.474 min
Delta R.T.: -0.023 min
Response: 2293287
Conc: 21.13 ug/ml



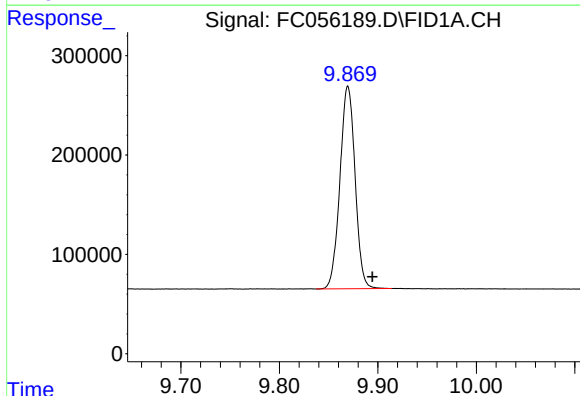
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.025 min
Response: 2462844
Conc: 20.27 ug/ml



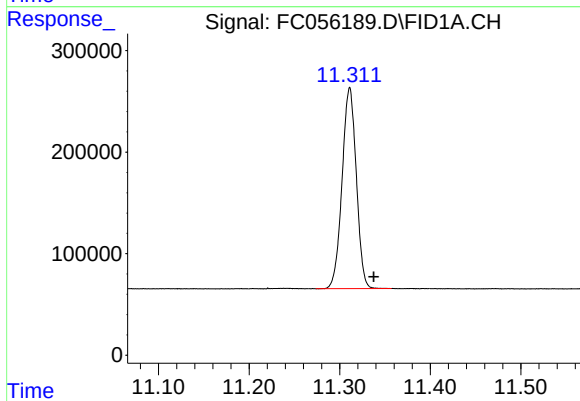
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.024 min
Response: 2246302
Conc: 20.30 ug/ml



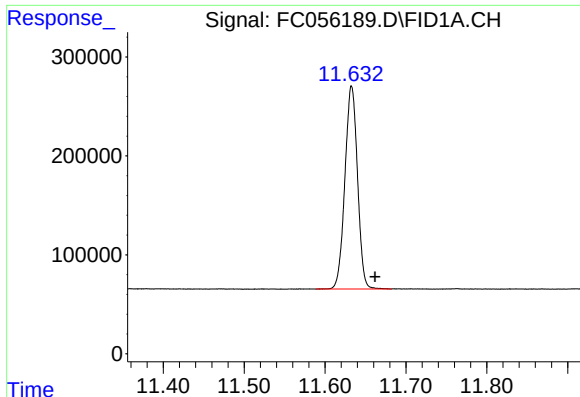
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.025 min
Response: 2179815
Conc: 19.69 ug/ml



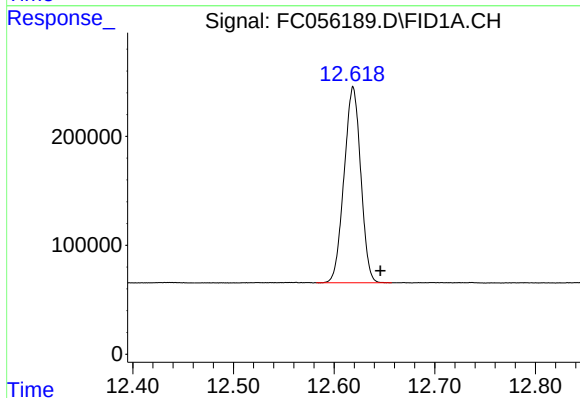
#8 n-Octadecane (C18)

R.T.: 11.311 min
Delta R.T.: -0.027 min
Response: 2160946
Conc: 19.31 ug/ml



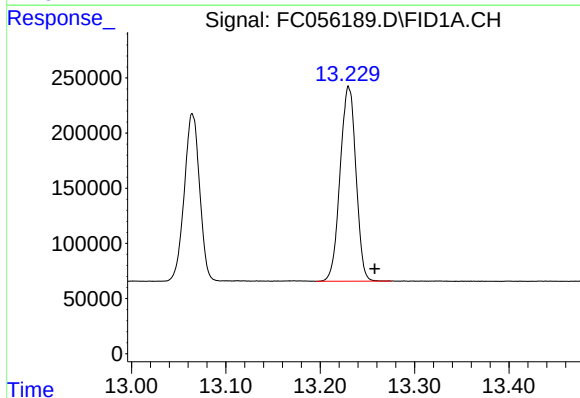
#9 ortho-Terphenyl (SURR)

R.T.: 11.633 min
Delta R.T.: -0.029 min
Response: 2219932
Conc: 18.71 ug/ml



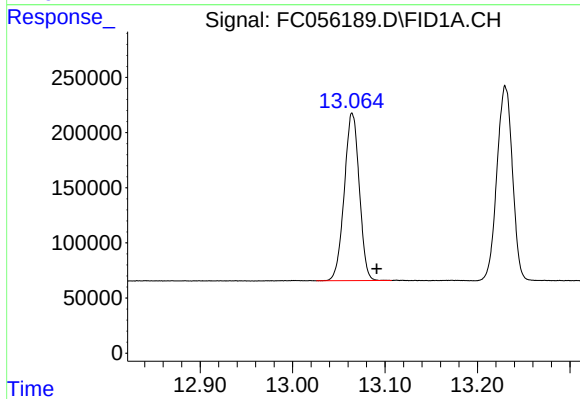
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.027 min
Response: 2068001
Conc: 18.93 ug/ml



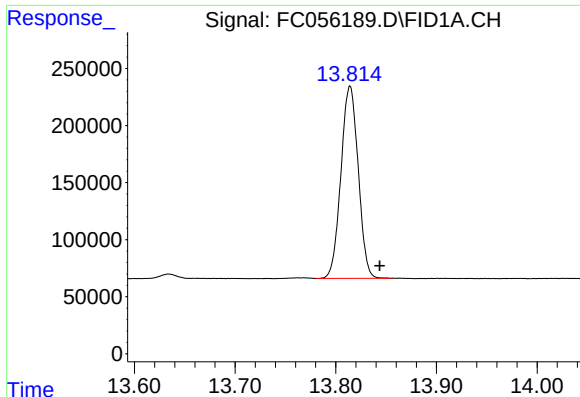
#11 n-Heneicosane (C21)

R.T.: 13.230 min
Delta R.T.: -0.028 min
Response: 2057849
Conc: 18.93 ug/ml



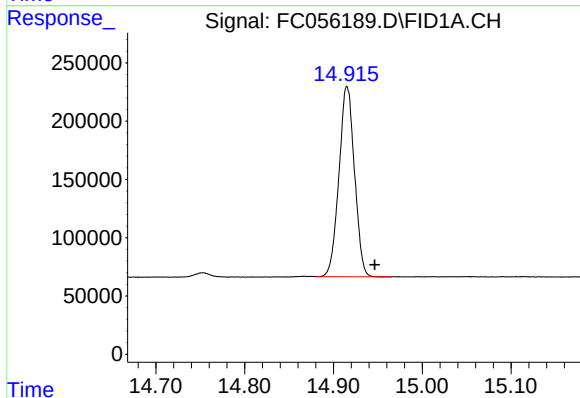
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.026 min
Response: 1711451
Conc: 18.63 ug/ml



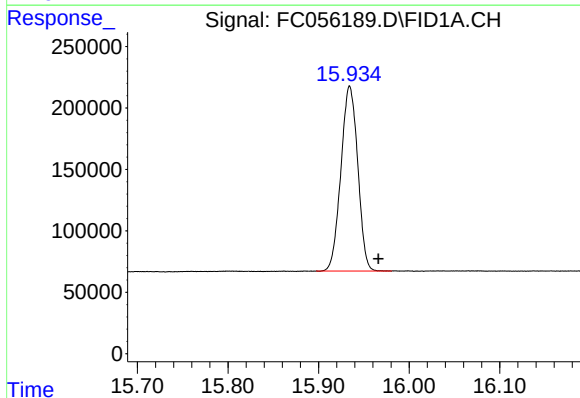
#13 n-Docosane (C22)

R.T.: 13.814 min
Delta R.T.: -0.029 min
Response: 2012178
Conc: 18.84 ug/ml



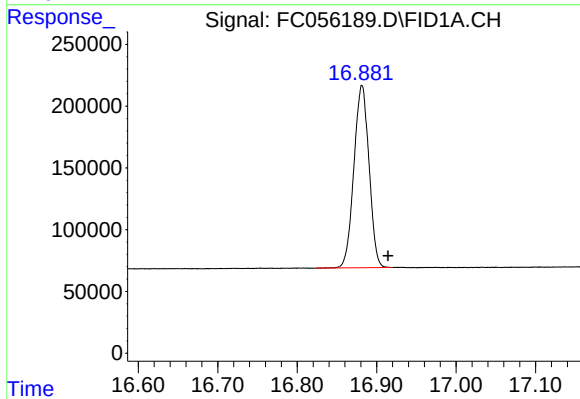
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: -0.031 min
Response: 1986637
Conc: 19.00 ug/ml



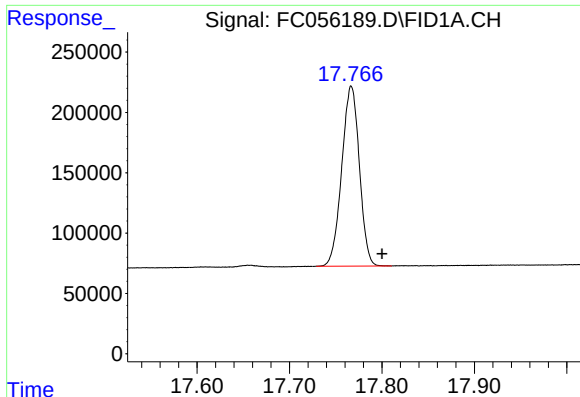
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: -0.032 min
Response: 1945079
Conc: 19.36 ug/ml



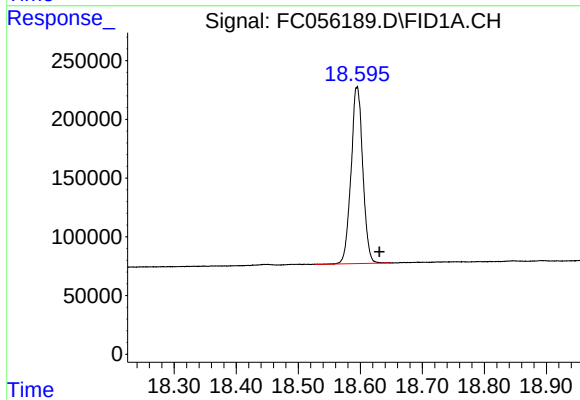
#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.033 min
Response: 1949984
Conc: 20.16 ug/ml



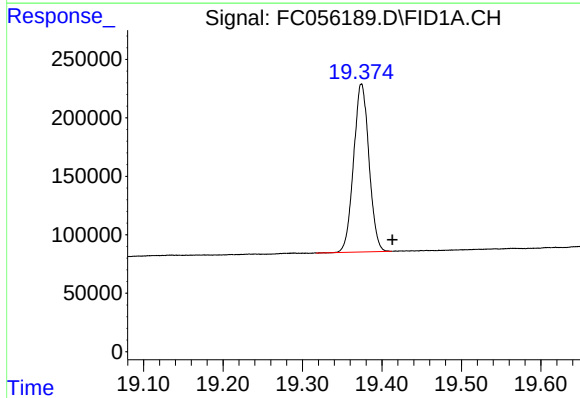
#17 n-Tricontane (C30)

R.T.: 17.767 min
Delta R.T.: -0.033 min
Response: 1975115
Conc: 21.29 ug/ml



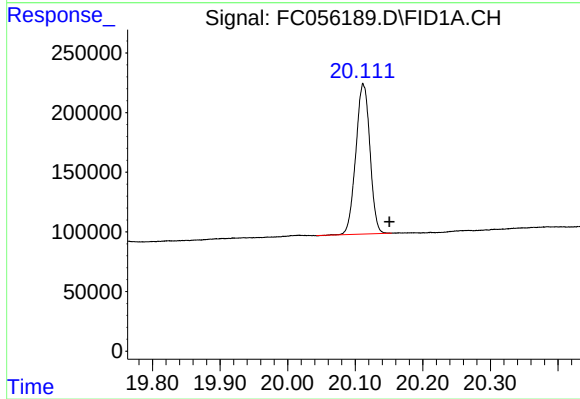
#18 n-Dotriacontane (C32)

R.T.: 18.595 min
Delta R.T.: -0.036 min
Response: 1975822
Conc: 22.22 ug/ml



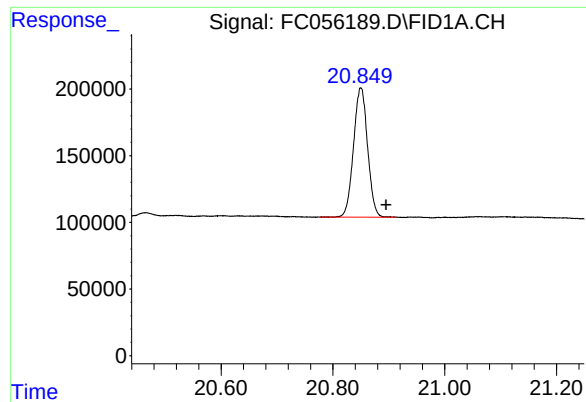
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: -0.039 min
Response: 1931173
Conc: 22.33 ug/ml



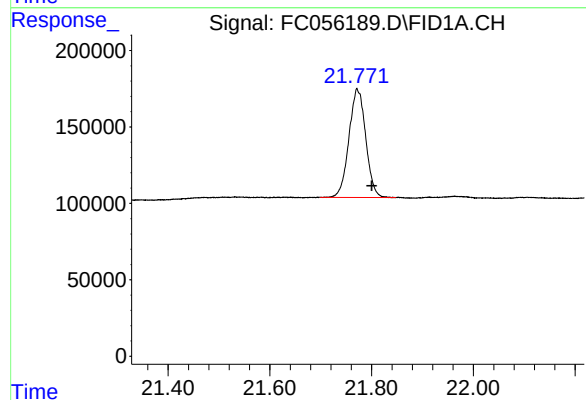
#20 n-Hexatriacontane (C36)

R.T.: 20.112 min
Delta R.T.: -0.039 min
Response: 1824204
Conc: 22.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.850 min
Delta R.T.: -0.045 min
Response: 1690656
Conc: 21.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.772 min
Delta R.T.: -0.028 min
Response: 1626203
Conc: 20.29 ug/ml