

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121520AL\
 Data File : FC051295.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2020 9:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 16 01:08:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.578	2225864	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
12) S 1-chlorooctadecane (S...	13.012	1716419	17.595 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T n-Nonane (C9)	3.336	2178608	20.472 ug/ml
2) T n-Decane (C10)	4.404	2225373	20.953 ug/ml
3) T A~Naphthalene (C11.7)	5.996	2303805	20.492 ug/ml
4) T n-Dodecane (C12)	6.422	2247436	20.655 ug/ml
5) T A~2-methylnaphthalene...	7.053	2279077	20.166 ug/ml
6) T n-Tetradecane (C14)	8.217	2215342	20.474 ug/ml
7) T n-Hexadecane (C16)	9.818	2135330	19.898 ug/ml
8) T n-Octadecane (C18)	11.258	2173011	19.052 ug/ml
10) T n-Eicosane (C20)	12.567	2111682	18.177 ug/ml
11) T n-Heneicosane (C21)	13.178	2064313	17.817 ug/ml
13) T n-Docosane (C22)	13.764	2052039	17.717 ug/ml
14) T n-Tetracosane (C24)	14.865	1990600	17.308 ug/ml
15) T n-Hexacosane (C26)	15.885	1968162	17.480 ug/ml
16) T n-Octacosane (C28)	16.833	1992654	17.996 ug/ml
17) T n-Tricontane (C30)	17.720	2039288	19.198 ug/ml
18) T n-Dotriacontane (C32)	18.550	1976157	20.225 ug/ml
19) T n-Tetratriacontane (C34)	19.333	1834561	20.555 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1773617	21.266 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1727612	22.184 ug/ml
22) T n-Tetracontane (C40)	21.717	1594970	19.263 ug/ml

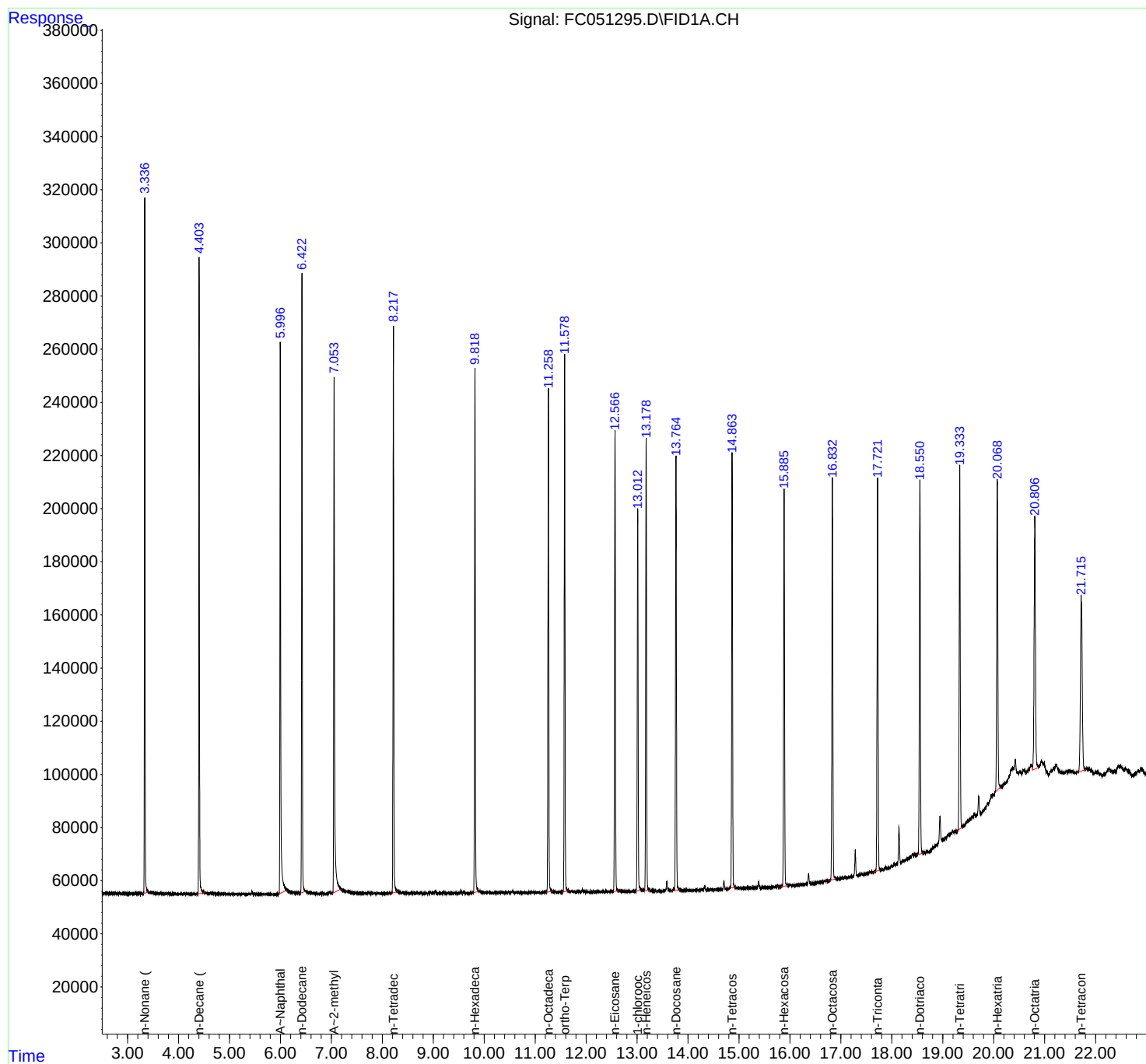
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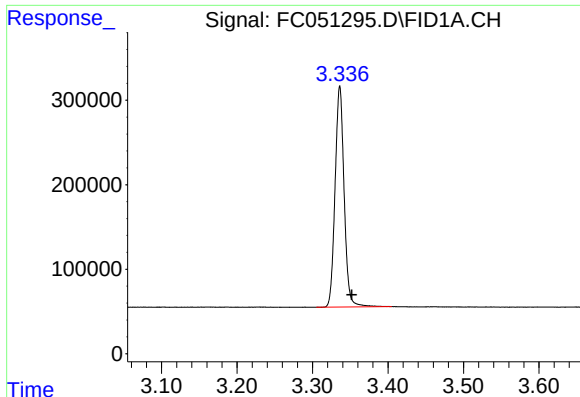
(m)=manual int.

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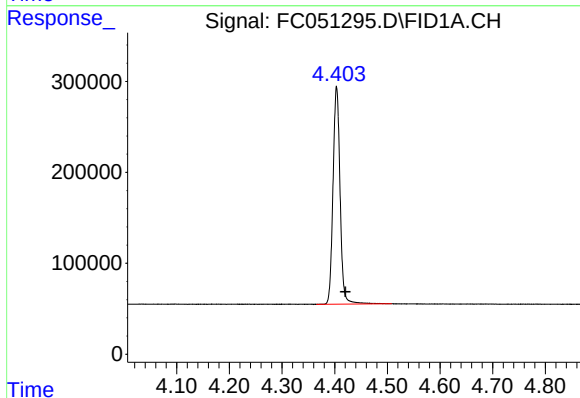
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





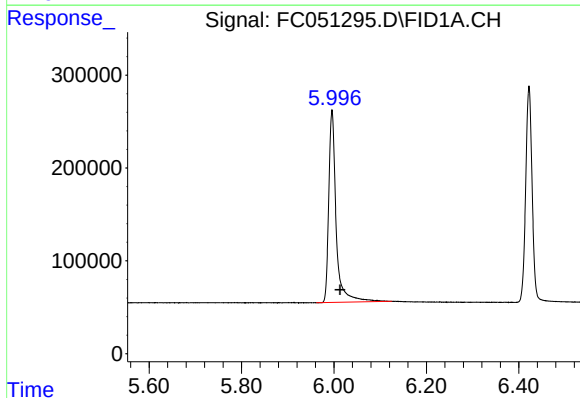
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 2178608
Conc: 20.47 ug/ml



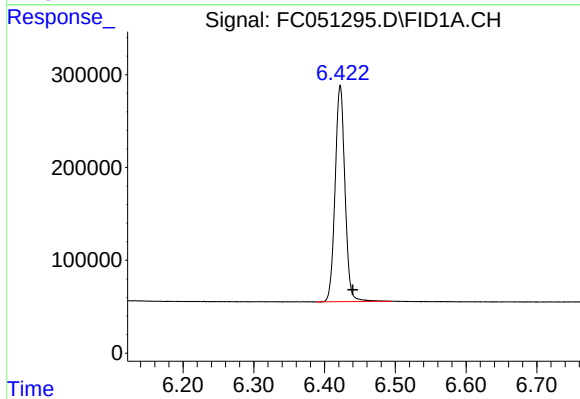
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: -0.017 min
Response: 2225373
Conc: 20.95 ug/ml



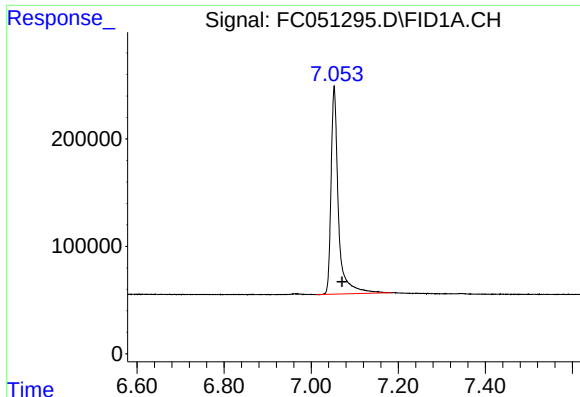
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.018 min
Response: 2303805
Conc: 20.49 ug/ml



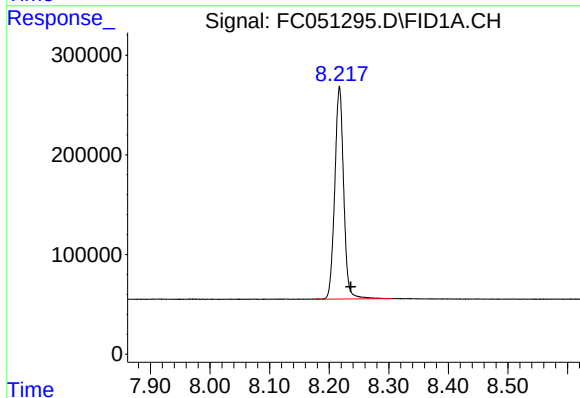
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: -0.018 min
Response: 2247436
Conc: 20.66 ug/ml



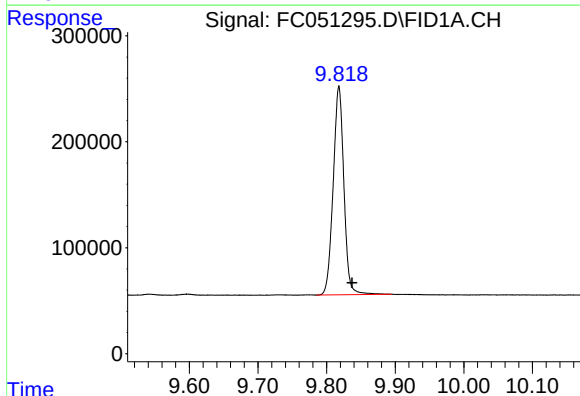
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.018 min
Response: 2279077
Conc: 20.17 ug/ml



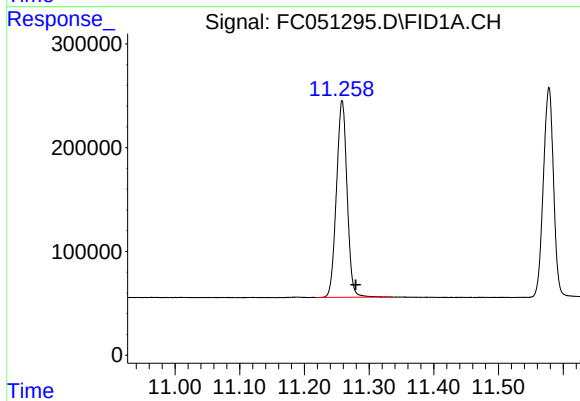
#6 n-Tetradecane (C14)

R.T.: 8.217 min
Delta R.T.: -0.019 min
Response: 2215342
Conc: 20.47 ug/ml



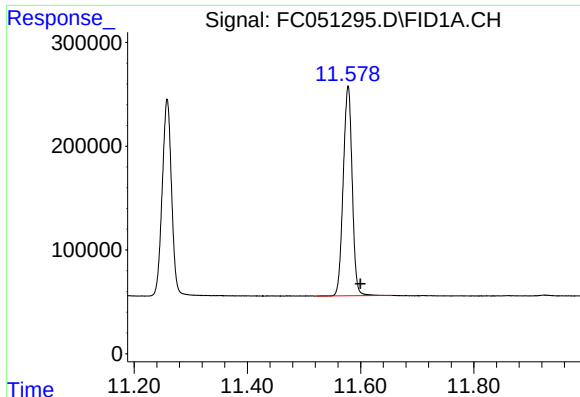
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: -0.019 min
Response: 2135330
Conc: 19.90 ug/ml



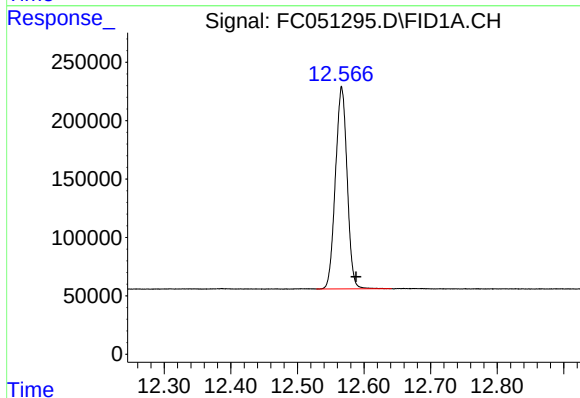
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.021 min
Response: 2173011
Conc: 19.05 ug/ml



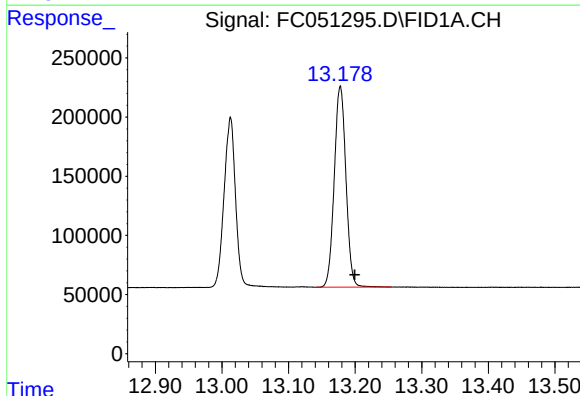
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: -0.022 min
Response: 2225864
Conc: 18.09 ug/ml



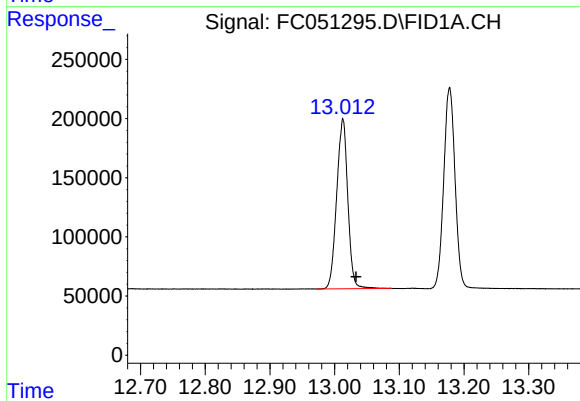
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.022 min
Response: 2111682
Conc: 18.18 ug/ml



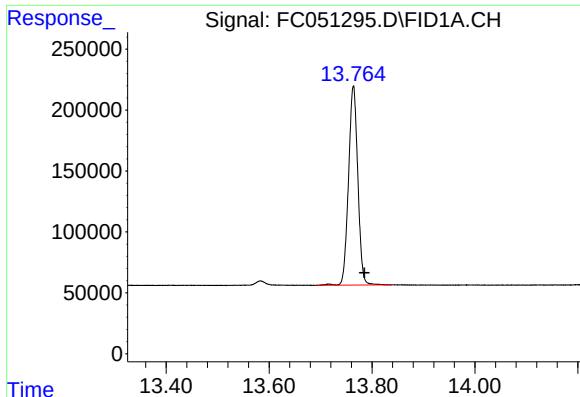
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.022 min
Response: 2064313
Conc: 17.82 ug/ml



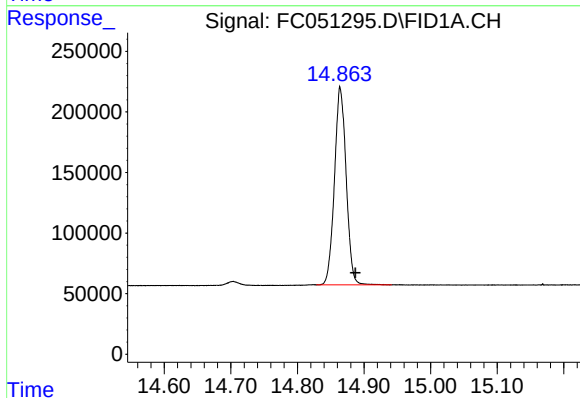
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.021 min
Response: 1716419
Conc: 17.59 ug/ml



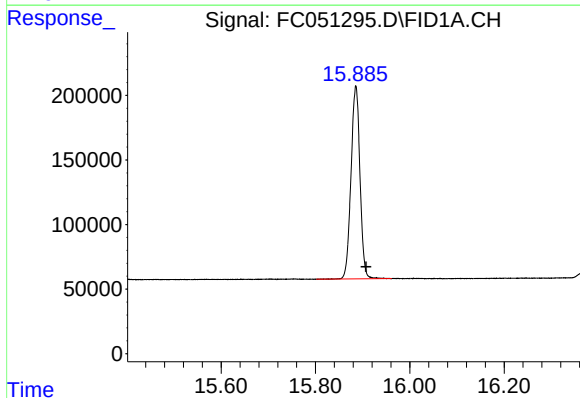
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: -0.022 min
Response: 2052039
Conc: 17.72 ug/ml



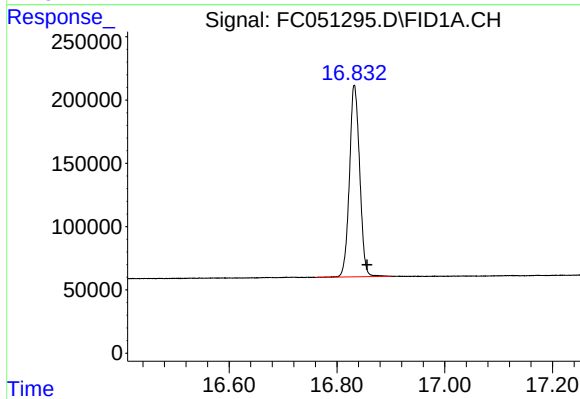
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.023 min
Response: 1990600
Conc: 17.31 ug/ml



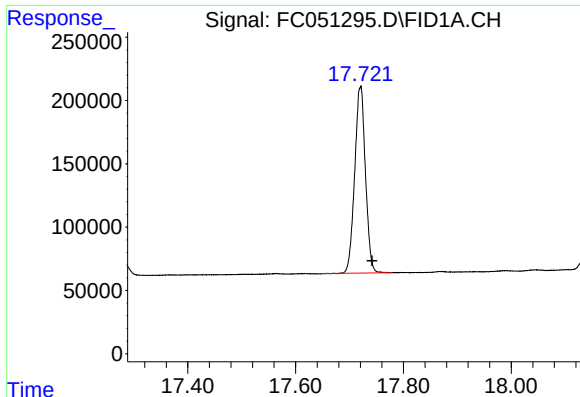
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.022 min
Response: 1968162
Conc: 17.48 ug/ml



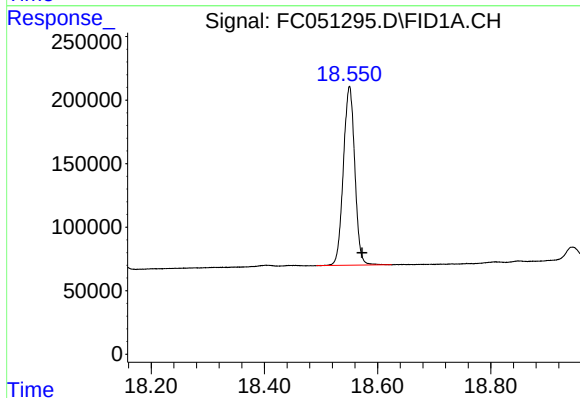
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: -0.023 min
Response: 1992654
Conc: 18.00 ug/ml



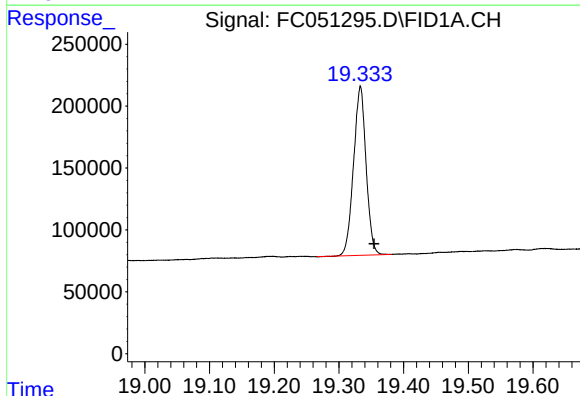
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.022 min
Response: 2039288
Conc: 19.20 ug/ml



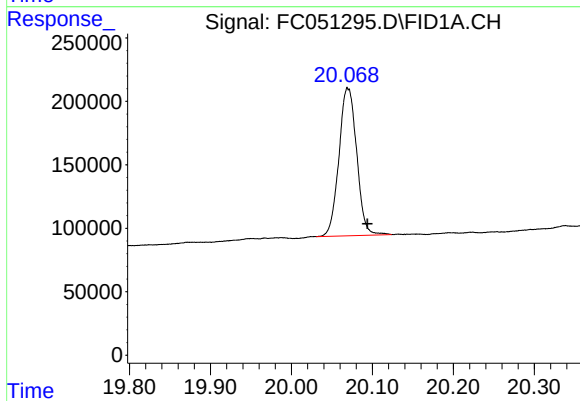
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.022 min
Response: 1976157
Conc: 20.22 ug/ml



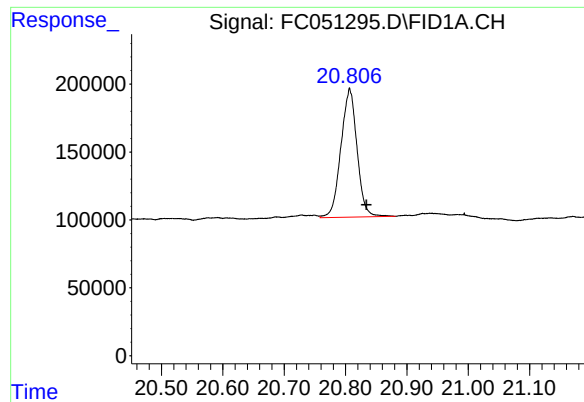
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.021 min
Response: 1834561
Conc: 20.56 ug/ml



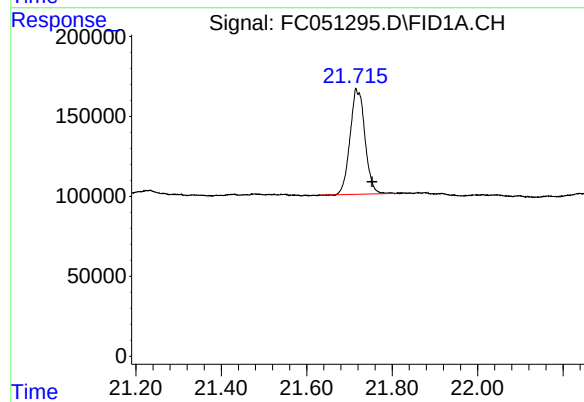
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.025 min
Response: 1773617
Conc: 21.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: -0.027 min
Response: 1727612
Conc: 22.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.036 min
Response: 1594970
Conc: 19.26 ug/ml