

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092920AL\
 Data File : FC049842.D
 Signal(s) : FID1A.CH
 Acq On : 30 Sep 2020 14:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 30 15:05:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.659	2217928	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.093	1697419	19.057 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.395	2250834	21.757 ug/ml
2) T n-Decane (C10)	4.468	2274037	21.894 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2437037	21.196 ug/ml
4) T n-Dodecane (C12)	6.492	2272220	21.496 ug/ml
5) T A~2-methylnaphthalene...	7.125	2433288	20.812 ug/ml
6) T n-Tetradecane (C14)	8.290	2196885	20.824 ug/ml
7) T n-Hexadecane (C16)	9.893	2103117	20.209 ug/ml
8) T n-Octadecane (C18)	11.336	2121683	19.742 ug/ml
10) T n-Eicosane (C20)	12.647	2069231	19.324 ug/ml
11) T n-Heneicosane (C21)	13.258	2036760	19.139 ug/ml
13) T n-Docosane (C22)	13.845	2010238	18.996 ug/ml
14) T n-Tetracosane (C24)	14.947	1984890	18.968 ug/ml
15) T n-Hexacosane (C26)	15.968	1946717	19.043 ug/ml
16) T n-Octacosane (C28)	16.918	1983343	19.735 ug/ml
17) T n-Tricontane (C30)	17.804	1999778	20.539 ug/ml
18) T n-Dotriacontane (C32)	18.637	1941177	21.482 ug/mlm
19) T n-Tetratriacontane (C34)	19.419	1874133	21.893 ug/mlm
20) T n-Hexatriacontane (C36)	20.159	1814275	22.519 ug/mlm
21) T n-Octatriacontane (C38)	20.911	1741584	23.005 ug/ml
22) T n-Tetracontane (C40)	21.855	1765960	22.696 ug/ml

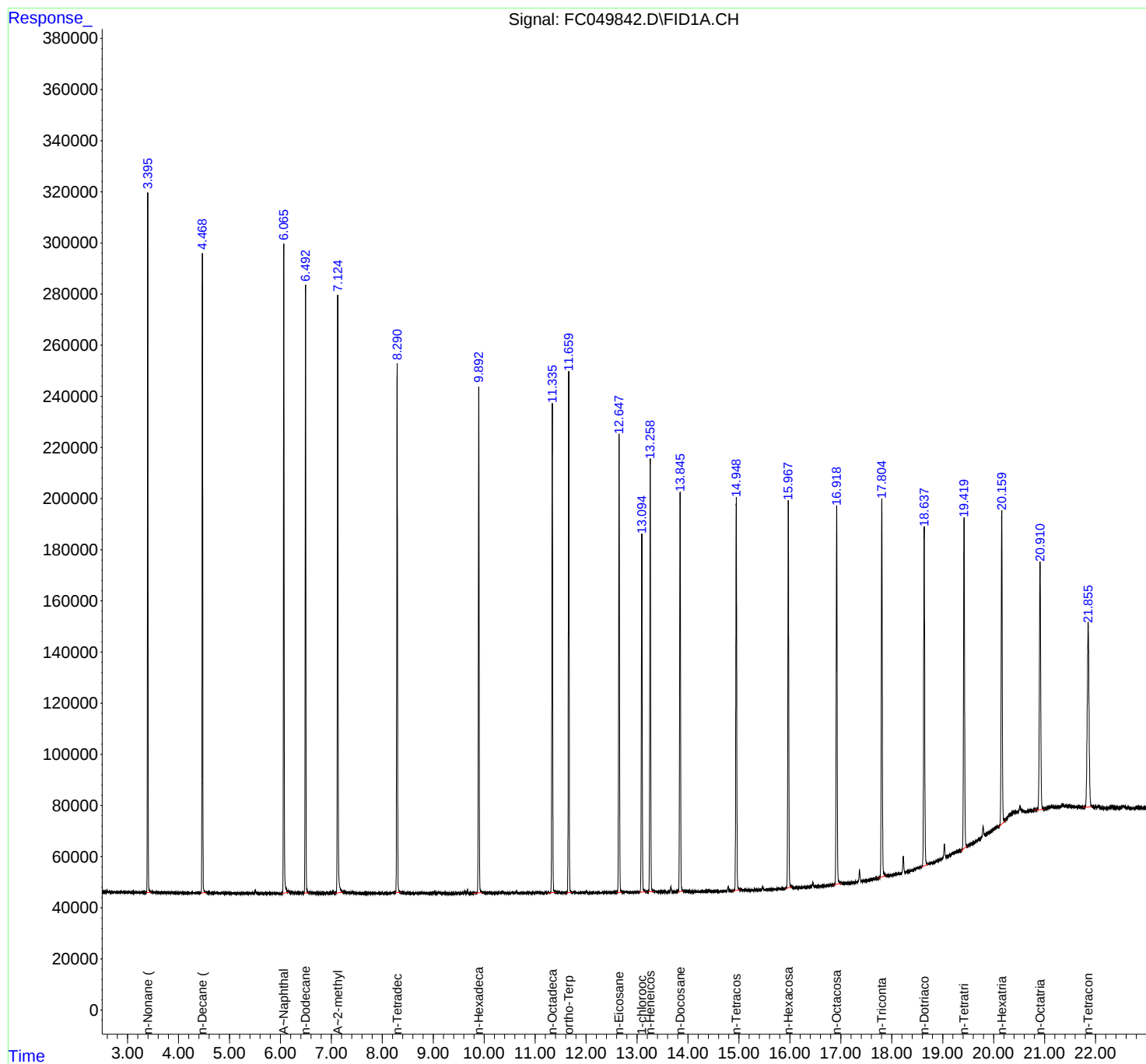
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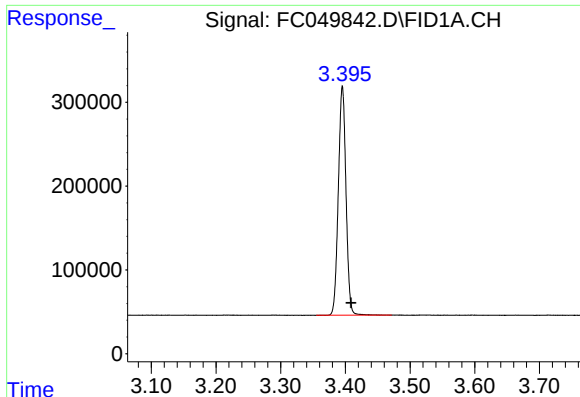
(m)=manual int.

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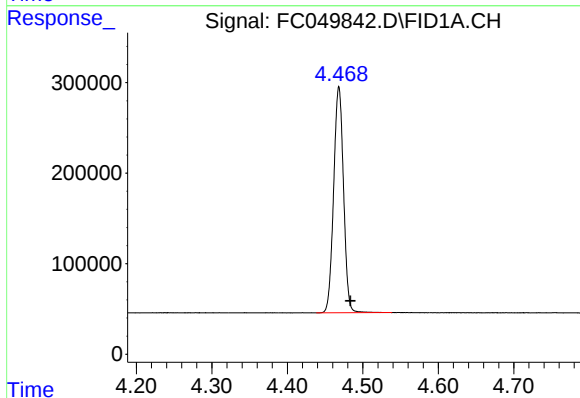
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





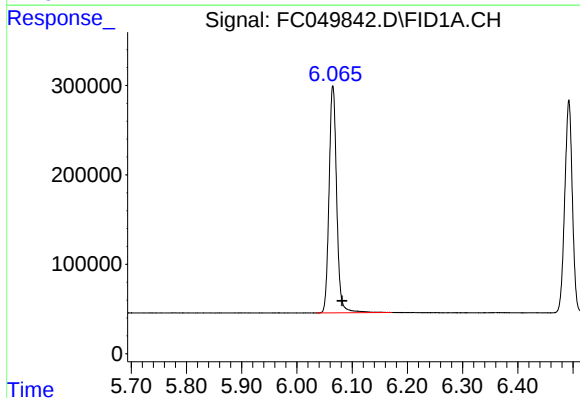
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: -0.014 min
Response: 2250834
Conc: 21.76 ug/ml



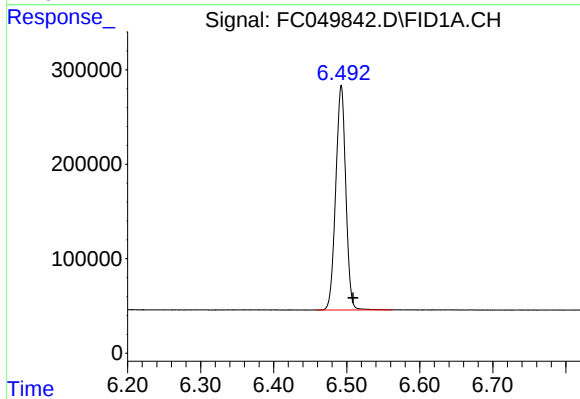
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.015 min
Response: 2274037
Conc: 21.89 ug/ml



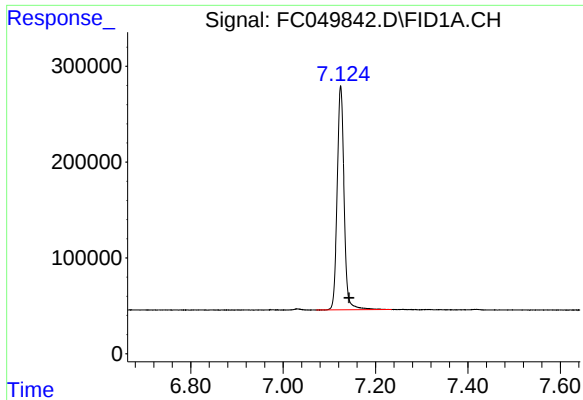
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.017 min
Response: 2437037
Conc: 21.20 ug/ml



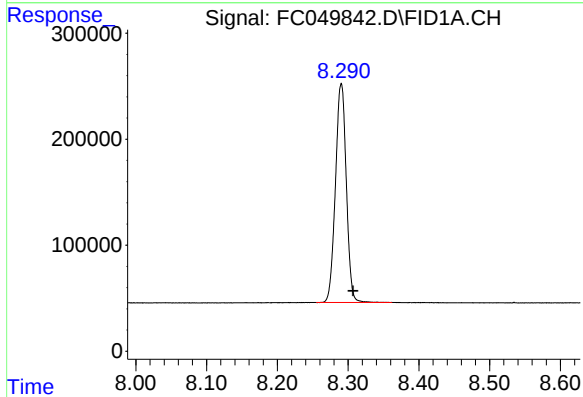
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: -0.016 min
Response: 2272220
Conc: 21.50 ug/ml



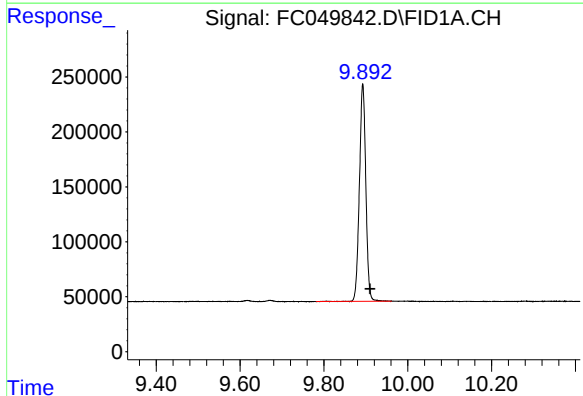
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.018 min
Response: 2433288
Conc: 20.81 ug/ml



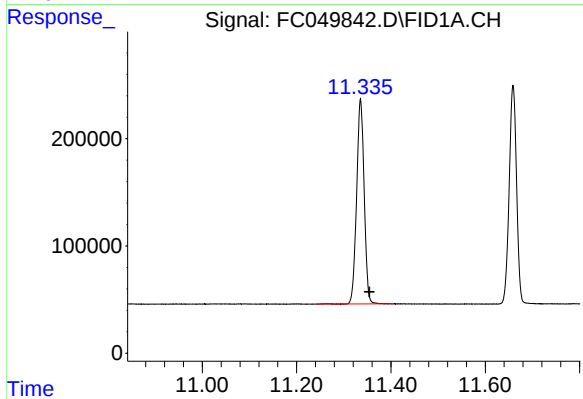
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: -0.017 min
Response: 2196885
Conc: 20.82 ug/ml



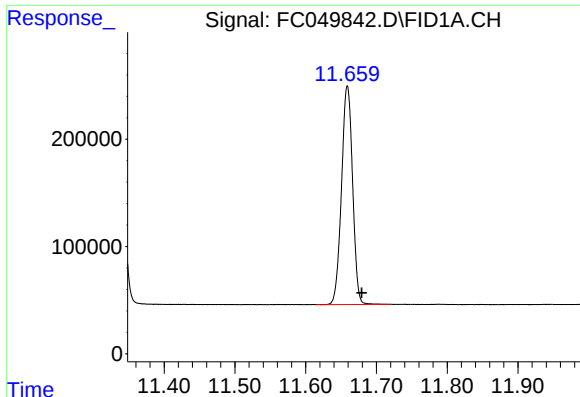
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.017 min
Response: 2103117
Conc: 20.21 ug/ml



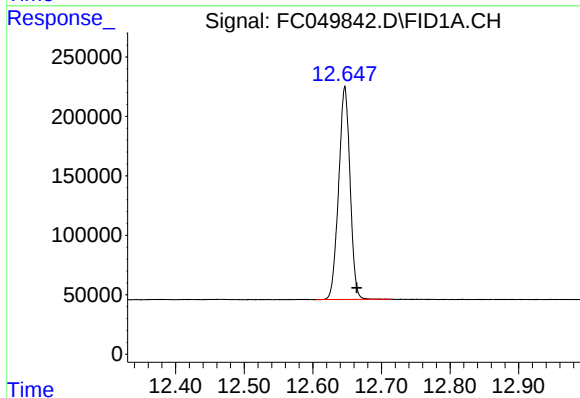
#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: -0.019 min
Response: 2121683
Conc: 19.74 ug/ml



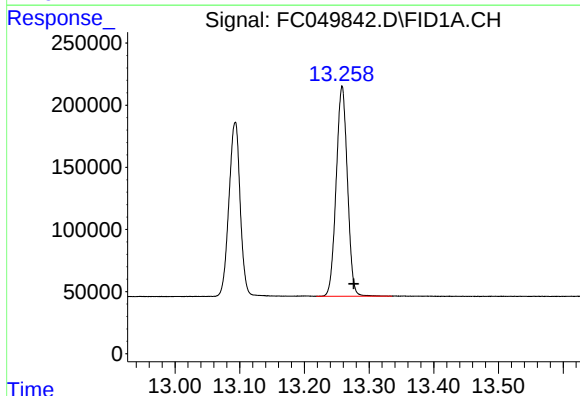
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.020 min
Response: 2217928
Conc: 19.30 ug/ml



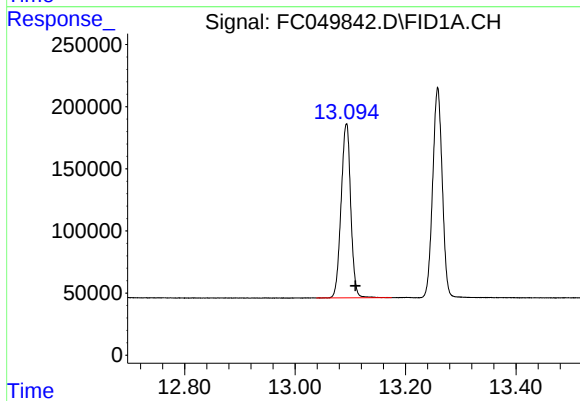
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.017 min
Response: 2069231
Conc: 19.32 ug/ml



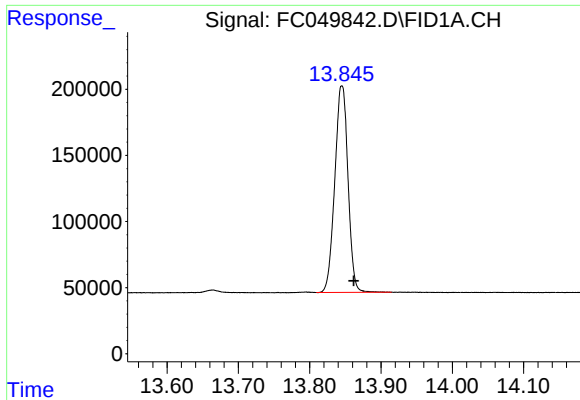
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.018 min
Response: 2036760
Conc: 19.14 ug/ml



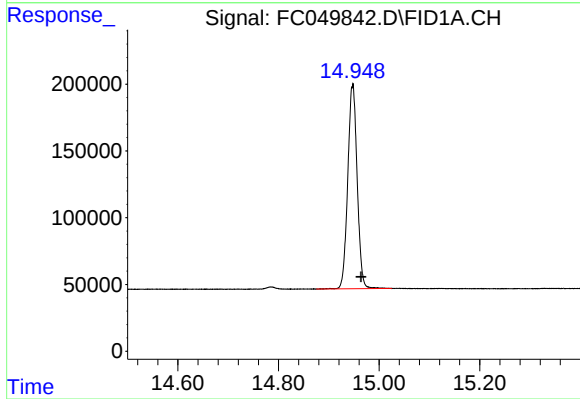
#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: -0.017 min
Response: 1697419
Conc: 19.06 ug/ml



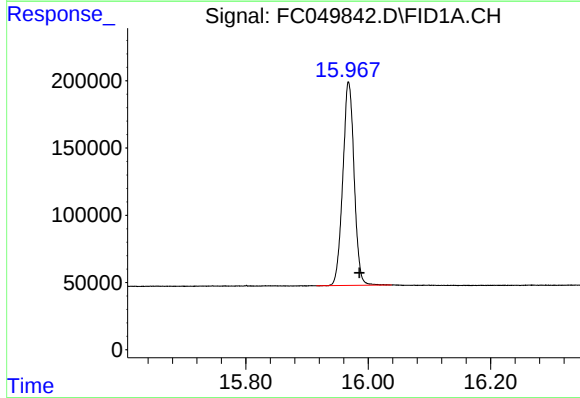
#13 n-Docosane (C22)

R.T.: 13.845 min
Delta R.T.: -0.017 min
Response: 2010238
Conc: 19.00 ug/ml



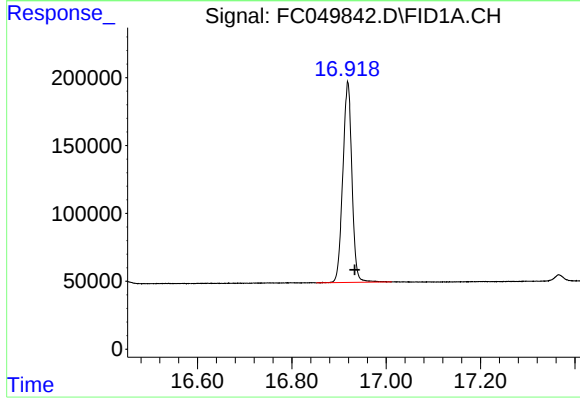
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.017 min
Response: 1984890
Conc: 18.97 ug/ml



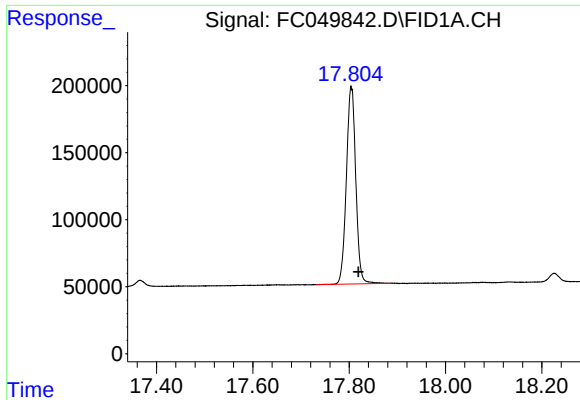
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.017 min
Response: 1946717
Conc: 19.04 ug/ml



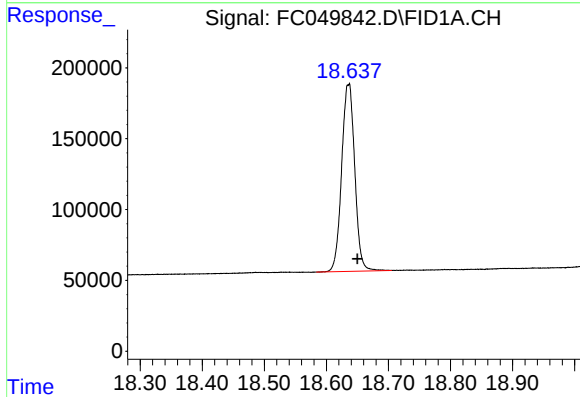
#16 n-Octacosane (C28)

R.T.: 16.918 min
Delta R.T.: -0.015 min
Response: 1983343
Conc: 19.73 ug/ml



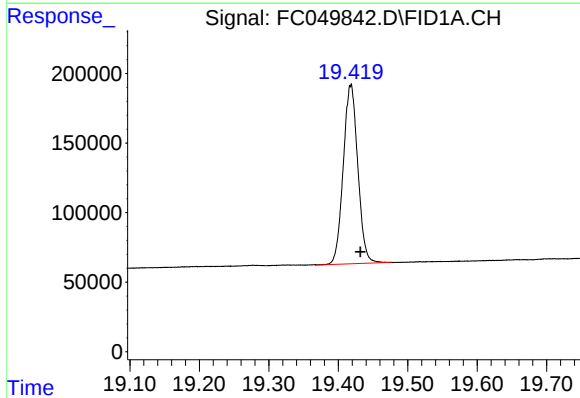
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.015 min
Response: 1999778
Conc: 20.54 ug/ml



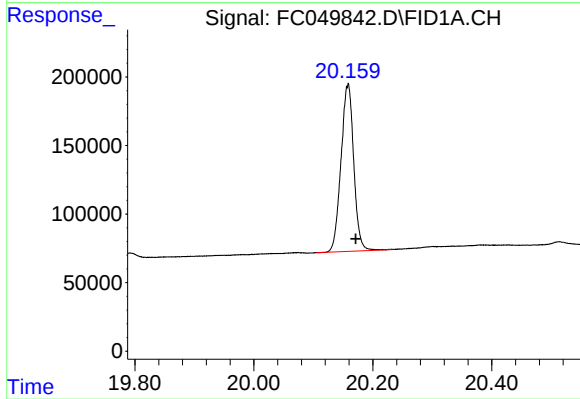
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.013 min
Response: 1941177
Conc: 21.48 ug/ml m



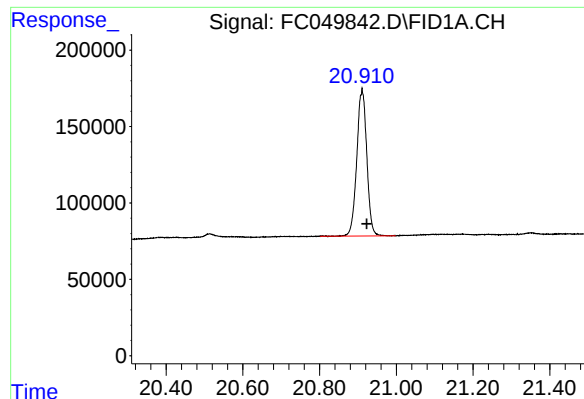
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.013 min
Response: 1874133
Conc: 21.89 ug/ml m



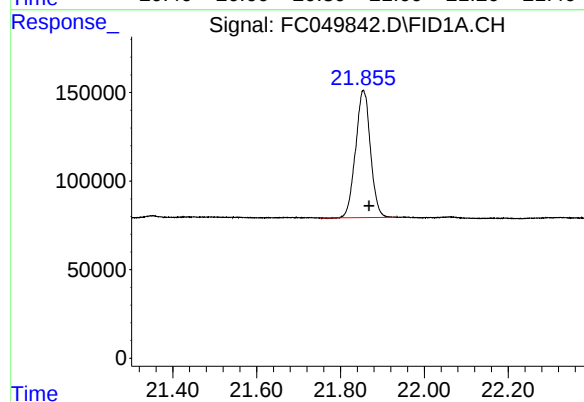
#20 n-Hexatriacontane (C36)

R.T.: 20.159 min
Delta R.T.: -0.013 min
Response: 1814275
Conc: 22.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.012 min
Response: 1741584
Conc: 23.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.855 min
Delta R.T.: -0.014 min
Response: 1765960
Conc: 22.70 ug/ml