

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100120AL\
 Data File : FC049874.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2020 8:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 11:11:47 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)	11.656	2046552	17.812 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
12) S 1-chlorooctadecane (S...	13.089	1565673	17.578 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T n-Nonane (C9)	3.394	2071346	20.022 ug/ml
2) T n-Decane (C10)	4.467	2082425	20.049 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2232161	19.414 ug/ml
4) T n-Dodecane (C12)	6.490	2081289	19.690 ug/ml
5) T A~2-methylnaphthalene...	7.122	2224394	19.025 ug/ml
6) T n-Tetradecane (C14)	8.287	2021211	19.159 ug/ml
7) T n-Hexadecane (C16)	9.890	1931704	18.562 ug/ml
8) T n-Octadecane (C18)	11.333	1959322	18.231 ug/ml
10) T n-Eicosane (C20)	12.643	1912763	17.863 ug/ml
11) T n-Heneicosane (C21)	13.256	1884495	17.709 ug/ml
13) T n-Docosane (C22)	13.842	1862607	17.601 ug/ml
14) T n-Tetracosane (C24)	14.945	1831374	17.501 ug/ml
15) T n-Hexacosane (C26)	15.964	1806002	17.667 ug/ml
16) T n-Octacosane (C28)	16.914	1812953	18.039 ug/ml
17) T n-Tricontane (C30)	17.800	1833466	18.831 ug/ml
18) T n-Dotriacontane (C32)	18.634	1748098	19.346 ug/mlm
19) T n-Tetratriacontane (C34)	19.414	1683917	19.671 ug/mlm
20) T n-Hexatriacontane (C36)	20.152	1658244	20.583 ug/mlm
21) T n-Octatriacontane (C38)	20.906	1705165	22.524 ug/mlm
22) T n-Tetracontane (C40)	21.848	1605835	20.638 ug/mlm

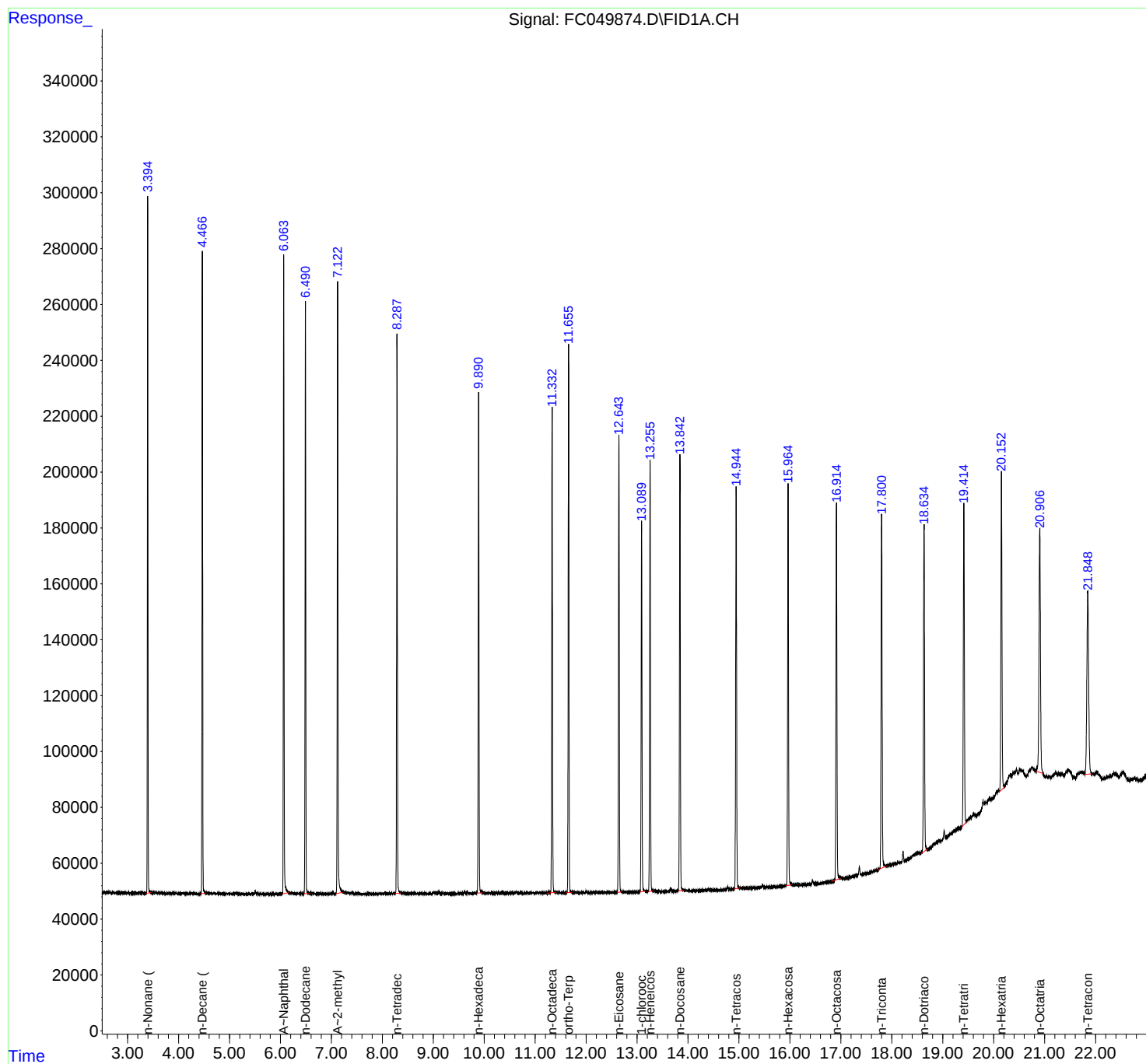
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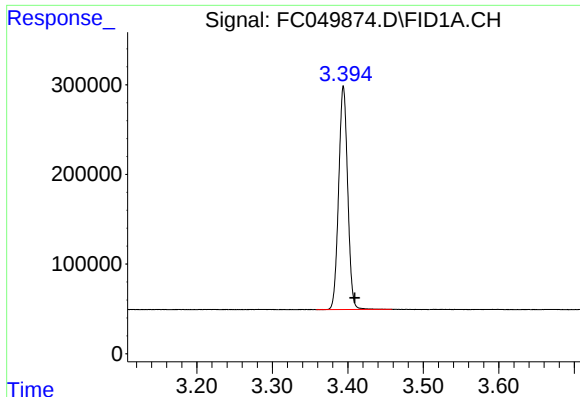
(m)=manual int.

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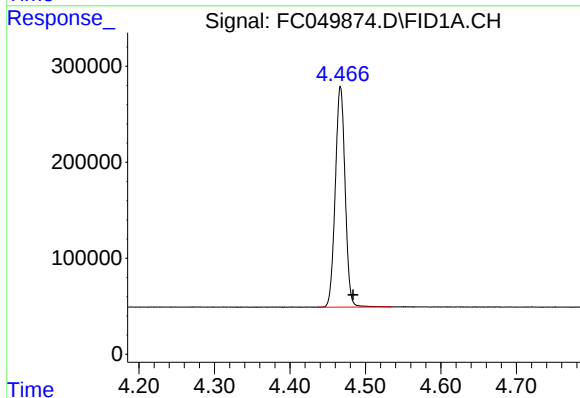
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





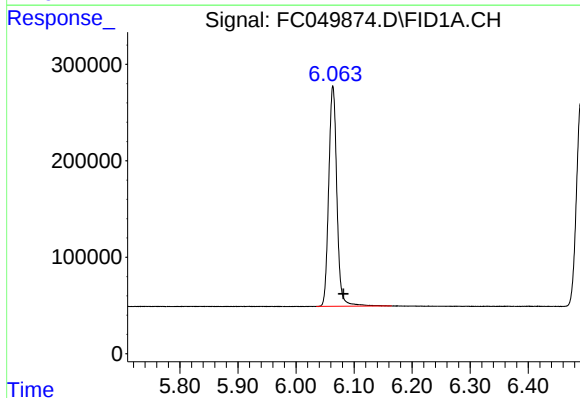
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: -0.015 min
Response: 2071346
Conc: 20.02 ug/ml



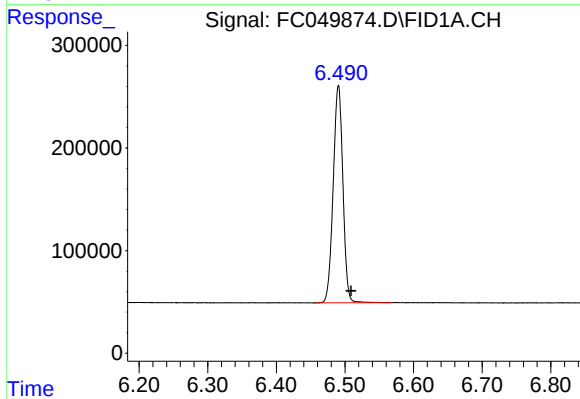
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.016 min
Response: 2082425
Conc: 20.05 ug/ml



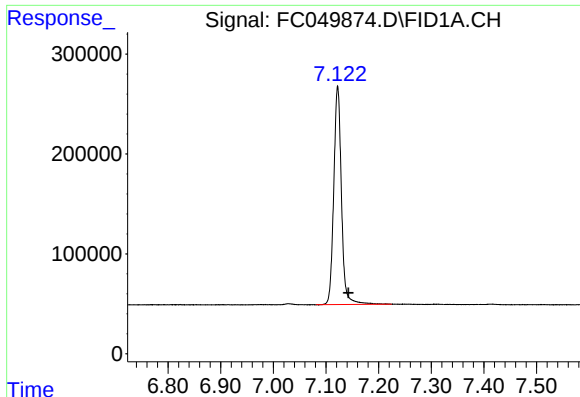
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.018 min
Response: 2232161
Conc: 19.41 ug/ml



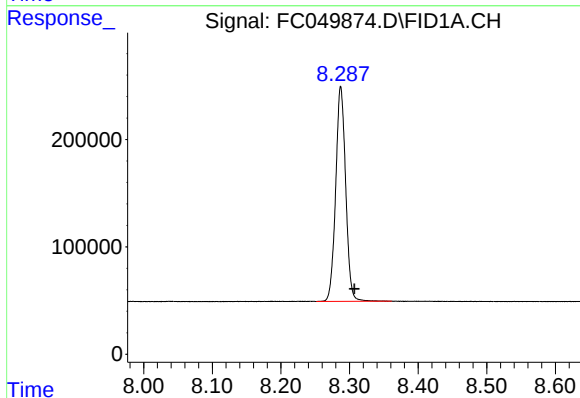
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: -0.018 min
Response: 2081289
Conc: 19.69 ug/ml



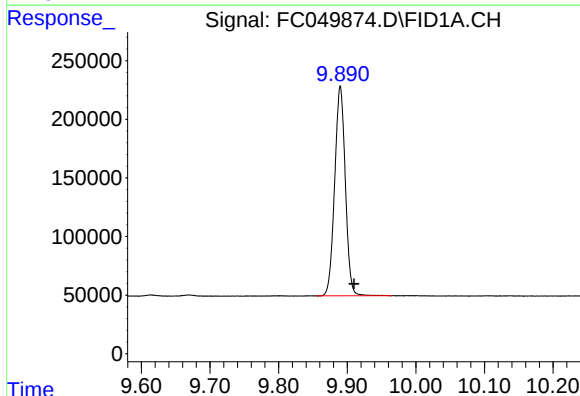
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.020 min
Response: 2224394
Conc: 19.03 ug/ml



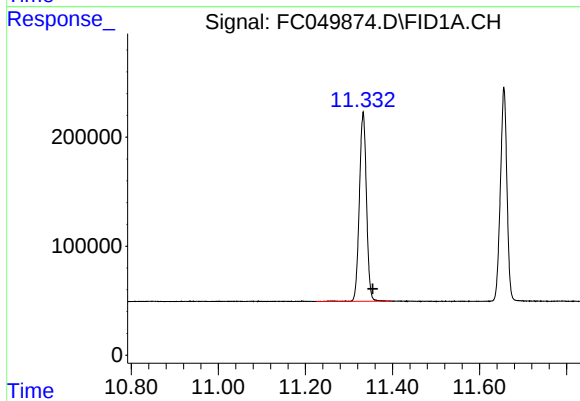
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: -0.020 min
Response: 2021211
Conc: 19.16 ug/ml



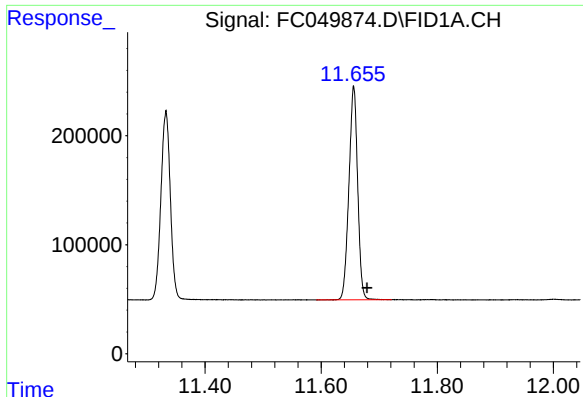
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.020 min
Response: 1931704
Conc: 18.56 ug/ml



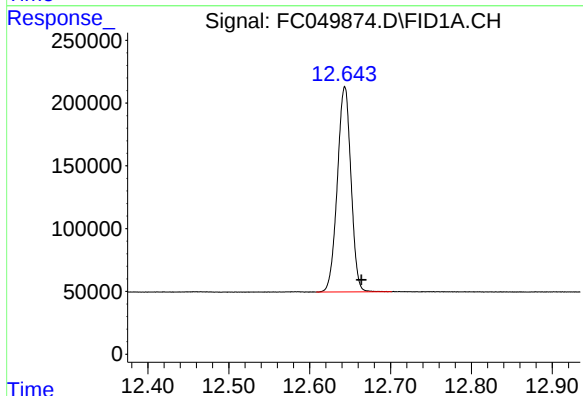
#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: -0.022 min
Response: 1959322
Conc: 18.23 ug/ml



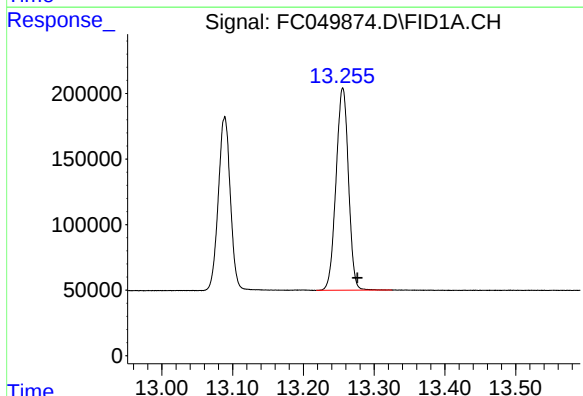
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.023 min
Response: 2046552
Conc: 17.81 ug/ml



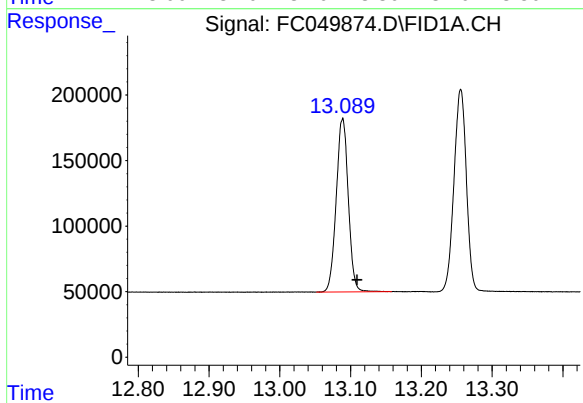
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.021 min
Response: 1912763
Conc: 17.86 ug/ml



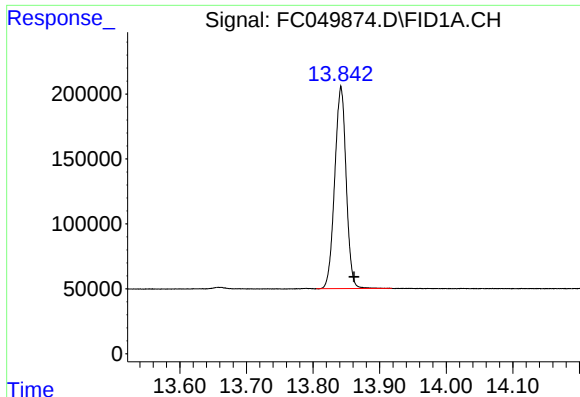
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.021 min
Response: 1884495
Conc: 17.71 ug/ml



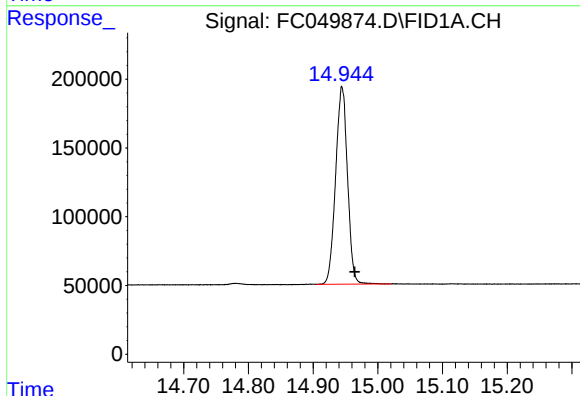
#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: -0.021 min
Response: 1565673
Conc: 17.58 ug/ml



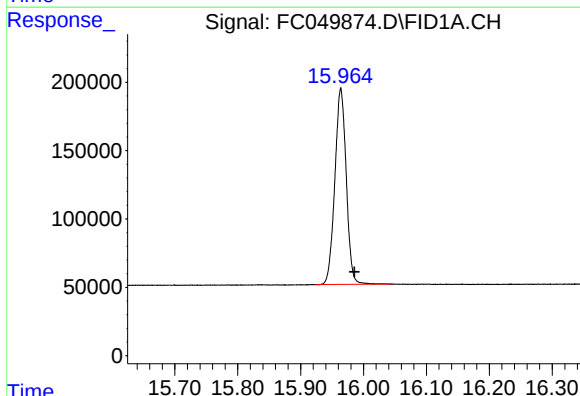
#13 n-Docosane (C22)

R.T.: 13.842 min
Delta R.T.: -0.020 min
Response: 1862607
Conc: 17.60 ug/ml



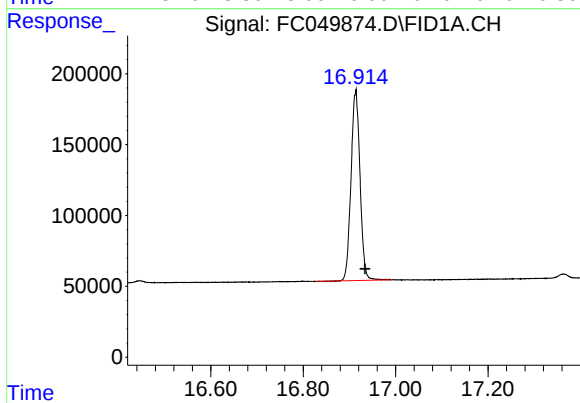
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.020 min
Response: 1831374
Conc: 17.50 ug/ml



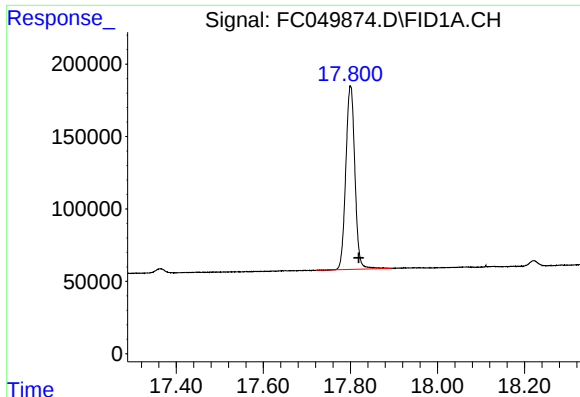
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.022 min
Response: 1806002
Conc: 17.67 ug/ml



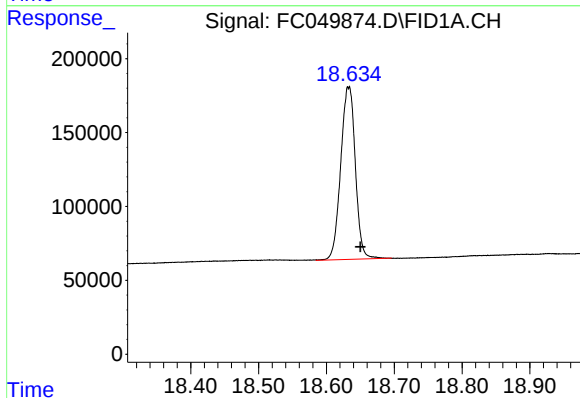
#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.020 min
Response: 1812953
Conc: 18.04 ug/ml



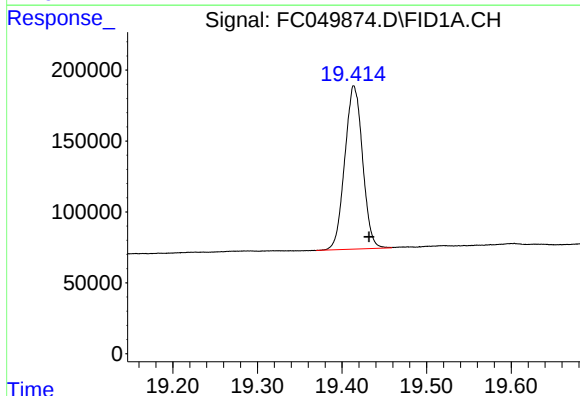
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: -0.019 min
Response: 1833466
Conc: 18.83 ug/ml



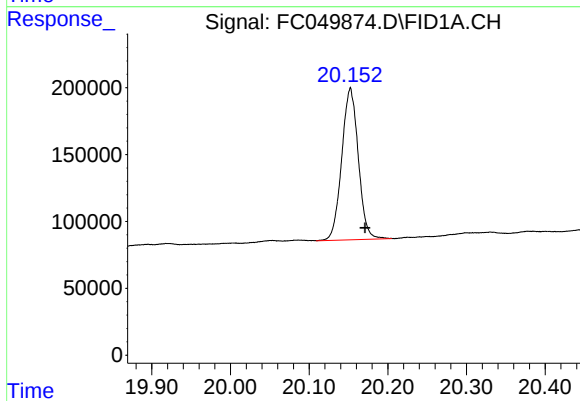
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.016 min
Response: 1748098
Conc: 19.35 ug/ml m



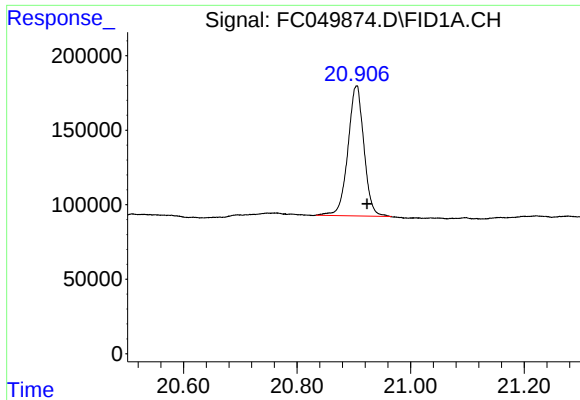
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.018 min
Response: 1683917
Conc: 19.67 ug/ml m



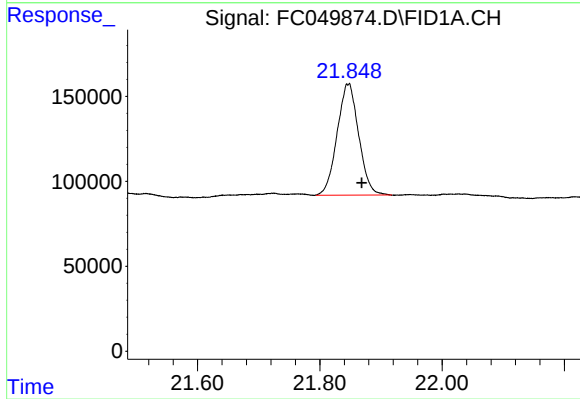
#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: -0.019 min
Response: 1658244
Conc: 20.58 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.906 min
Delta R.T.: -0.017 min
Response: 1705165
Conc: 22.52 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.848 min
Delta R.T.: -0.020 min
Response: 1605835
Conc: 20.64 ug/ml m