

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101420AL\
 Data File : FC050120.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2020 10:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 11:44:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.632	2275710	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	13.067	1747619	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.378	2139430	21.589 ug/ml
2) T n-Decane (C10)	4.449	2158526	21.680 ug/ml
3) T A~Naphthalene (C11.7)	6.043	2354224	21.360 ug/ml
4) T n-Dodecane (C12)	6.471	2185966	21.664 ug/ml
5) T A~2-methylnaphthalene...	7.101	2369336	21.287 ug/ml
6) T n-Tetradecane (C14)	8.268	2158645	21.547 ug/ml
7) T n-Hexadecane (C16)	9.870	2097219	21.279 ug/ml
8) T n-Octadecane (C18)	11.312	2162472	20.939 ug/ml
10) T n-Eicosane (C20)	12.621	2137198	20.539 ug/ml
11) T n-Heneicosane (C21)	13.233	2107261	20.279 ug/ml
13) T n-Docosane (C22)	13.819	2095576	20.188 ug/ml
14) T n-Tetracosane (C24)	14.922	2049987	19.736 ug/ml
15) T n-Hexacosane (C26)	15.942	1981297	19.227 ug/ml
16) T n-Octacosane (C28)	16.890	1969534	19.031 ug/ml
17) T n-Tricontane (C30)	17.777	1961647	19.223 ug/ml
18) T n-Dotriacontane (C32)	18.608	1862433	19.387 ug/mlm
19) T n-Tetratriacontane (C34)	19.390	1775689	19.359 ug/mlm
20) T n-Hexatriacontane (C36)	20.127	1721336	19.433 ug/mlm
21) T n-Octatriacontane (C38)	20.873	1613962	19.573 ug/mlm
22) T n-Tetracontane (C40)	21.806	1627482	19.463 ug/mlm

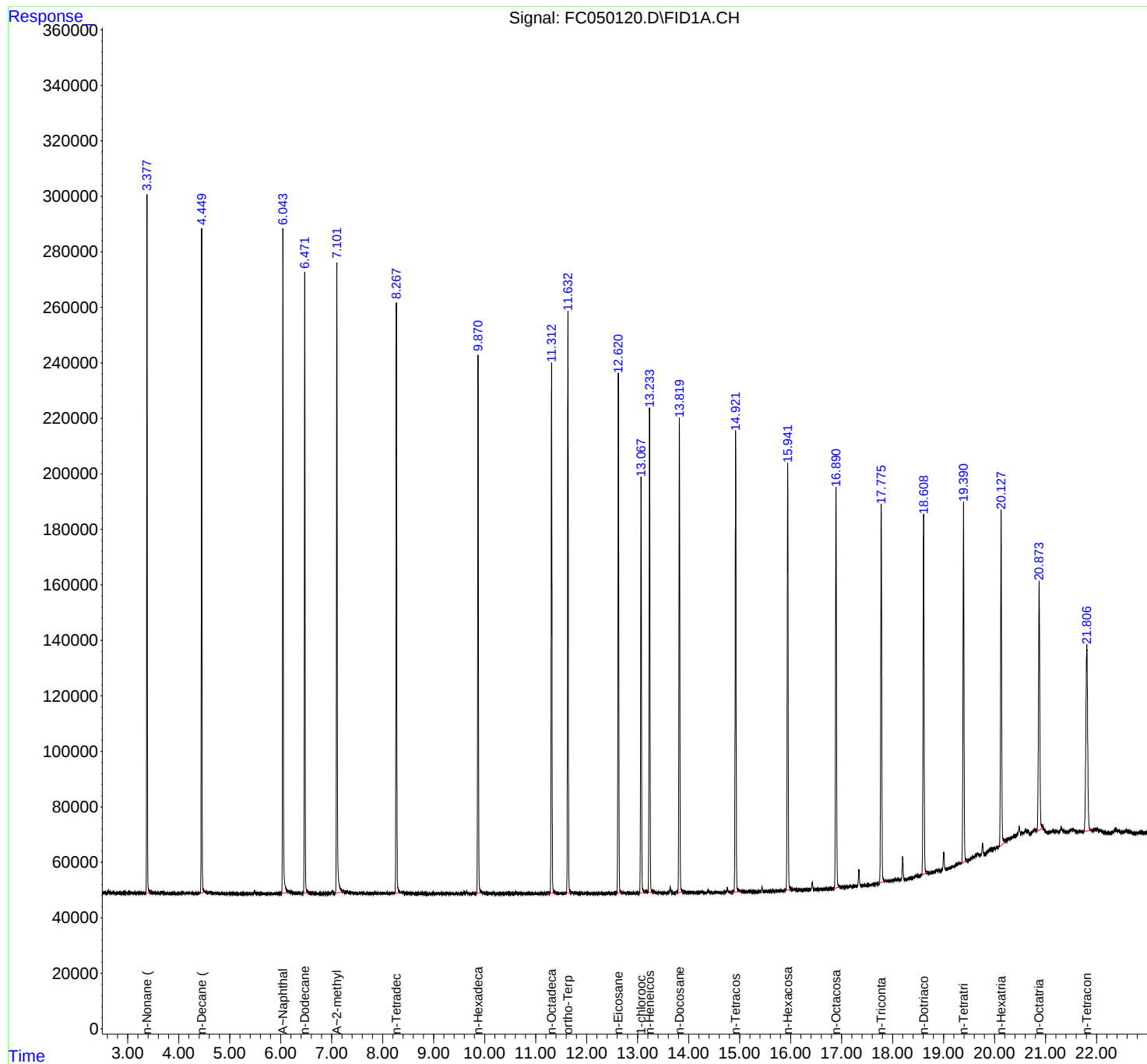
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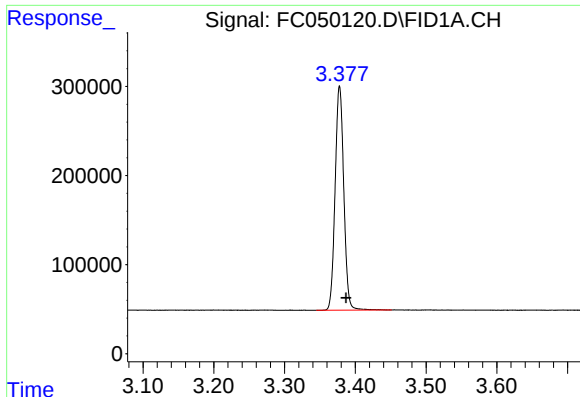
(m)=manual int.

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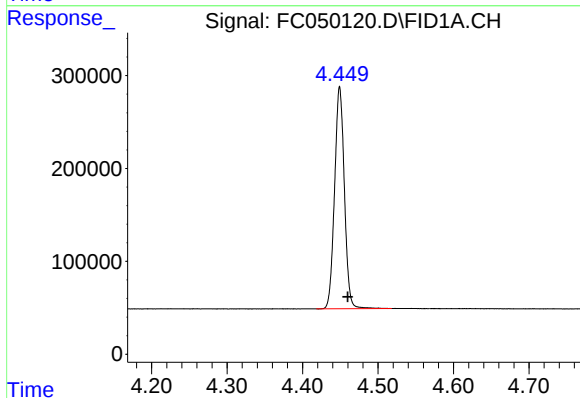
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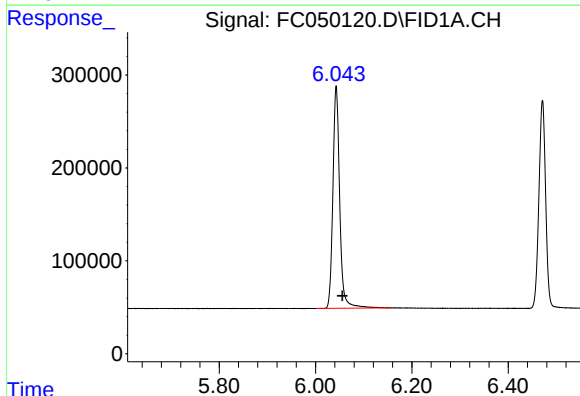
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.009 min
Response: 2139430
Conc: 21.59 ug/ml



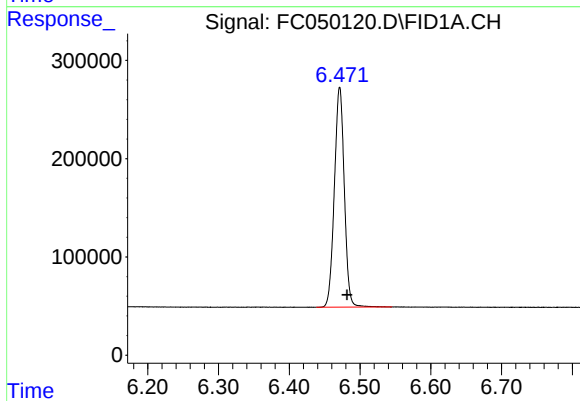
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.011 min
Response: 2158526
Conc: 21.68 ug/ml



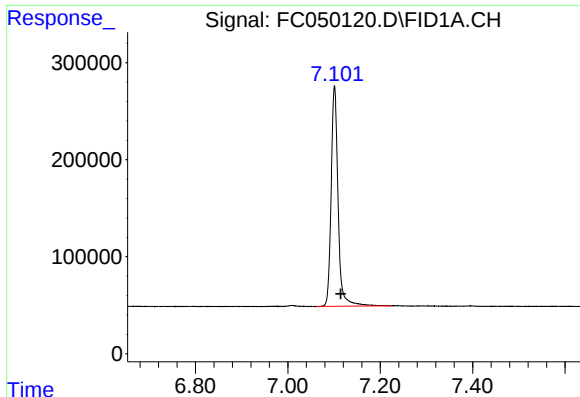
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.013 min
Response: 2354224
Conc: 21.36 ug/ml



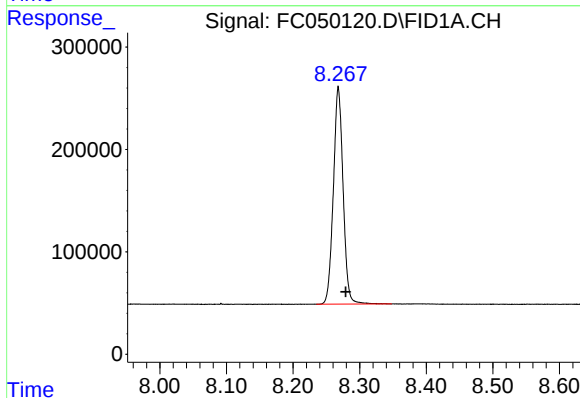
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 2185966
Conc: 21.66 ug/ml



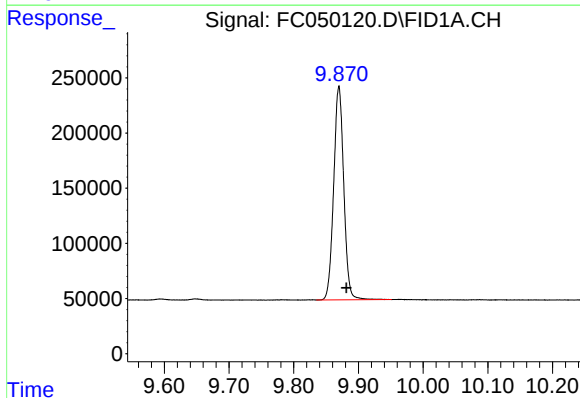
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.013 min
Response: 2369336
Conc: 21.29 ug/ml



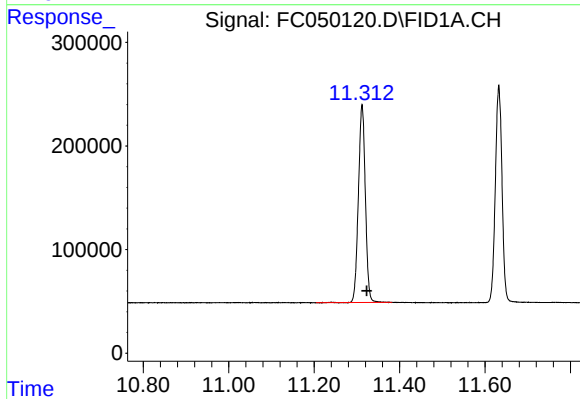
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: -0.011 min
Response: 2158645
Conc: 21.55 ug/ml



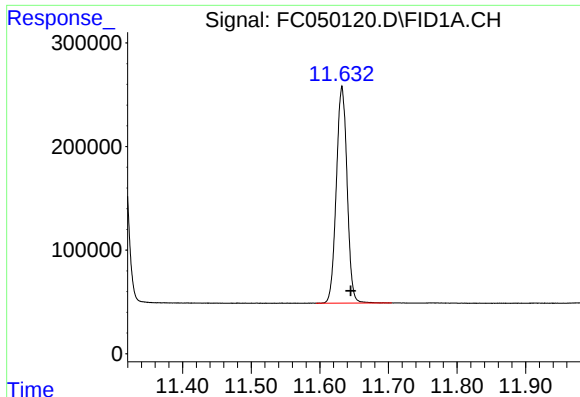
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.012 min
Response: 2097219
Conc: 21.28 ug/ml



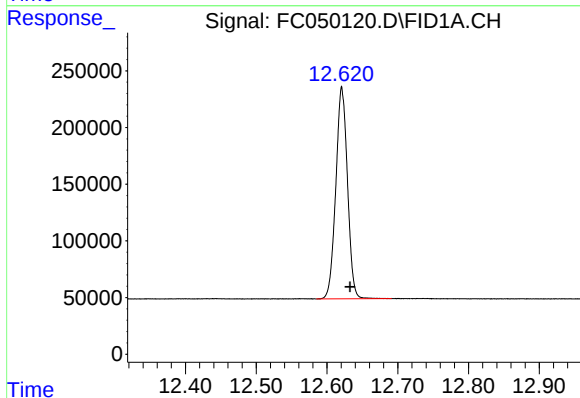
#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.011 min
Response: 2162472
Conc: 20.94 ug/ml



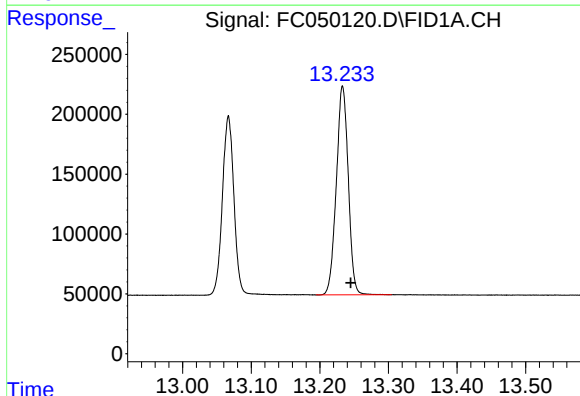
#9 ortho-Terphenyl (SURR)

R.T.: 11.632 min
Delta R.T.: -0.013 min
Response: 2275710
Conc: 20.30 ug/ml



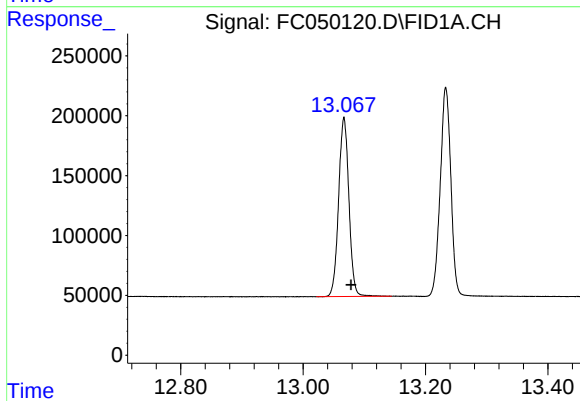
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.011 min
Response: 2137198
Conc: 20.54 ug/ml



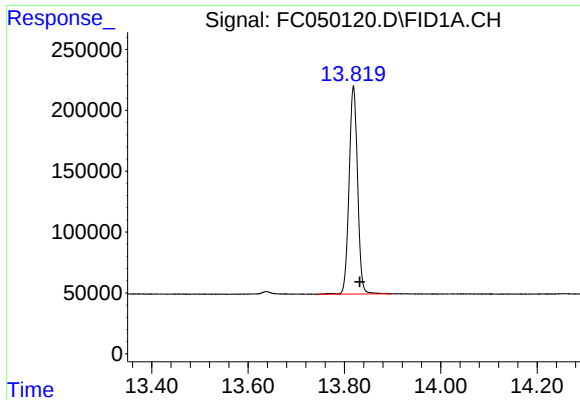
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.012 min
Response: 2107261
Conc: 20.28 ug/ml



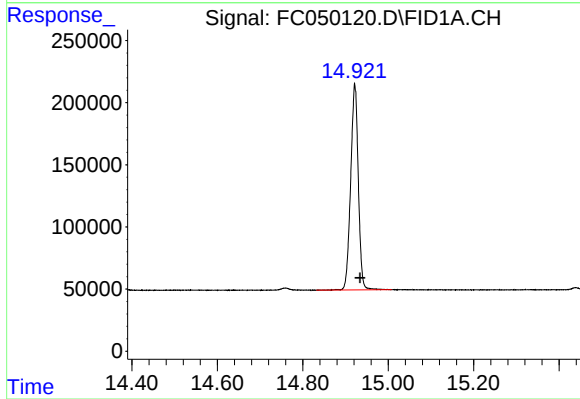
#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: -0.012 min
Response: 1747619
Conc: 20.17 ug/ml



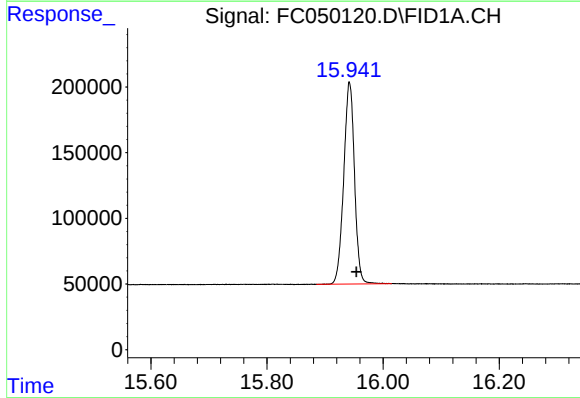
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: -0.013 min
Response: 2095576
Conc: 20.19 ug/ml



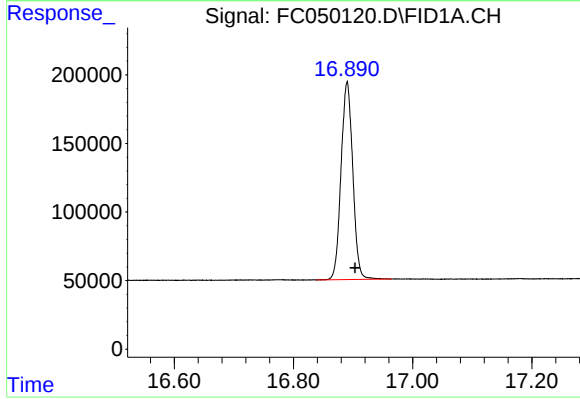
#14 n-Tetracosane (C24)

R.T.: 14.922 min
Delta R.T.: -0.013 min
Response: 2049987
Conc: 19.74 ug/ml



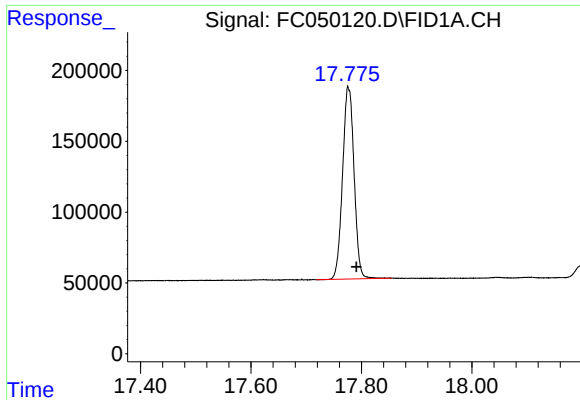
#15 n-Hexacosane (C26)

R.T.: 15.942 min
Delta R.T.: -0.012 min
Response: 1981297
Conc: 19.23 ug/ml



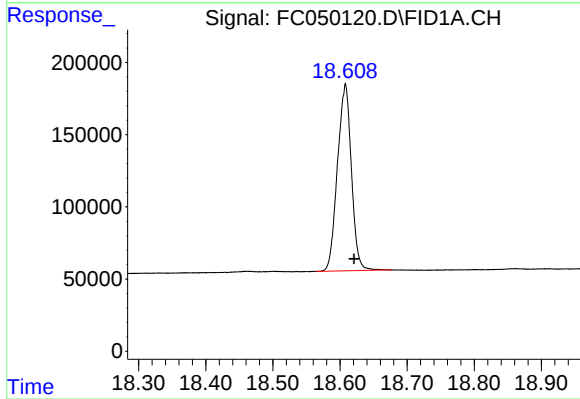
#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: -0.013 min
Response: 1969534
Conc: 19.03 ug/ml



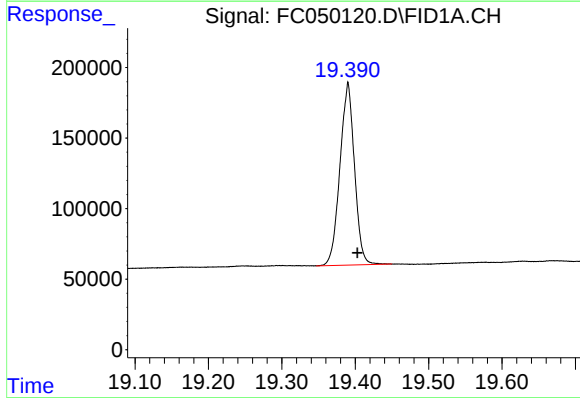
#17 n-Tricontane (C30)

R.T.: 17.777 min
Delta R.T.: -0.014 min
Response: 1961647
Conc: 19.22 ug/ml



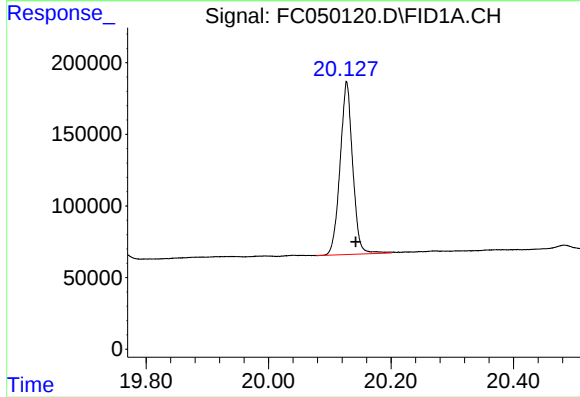
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: -0.013 min
Response: 1862433
Conc: 19.39 ug/ml m



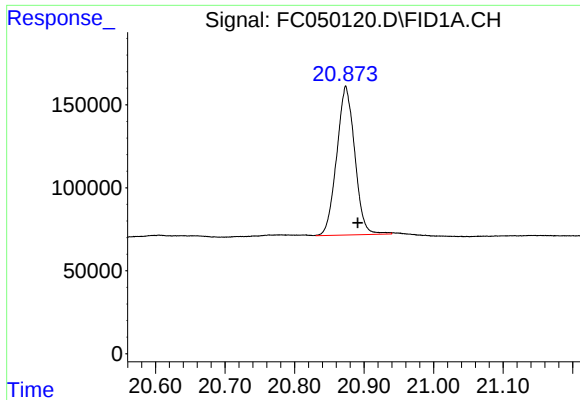
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.013 min
Response: 1775689
Conc: 19.36 ug/ml m



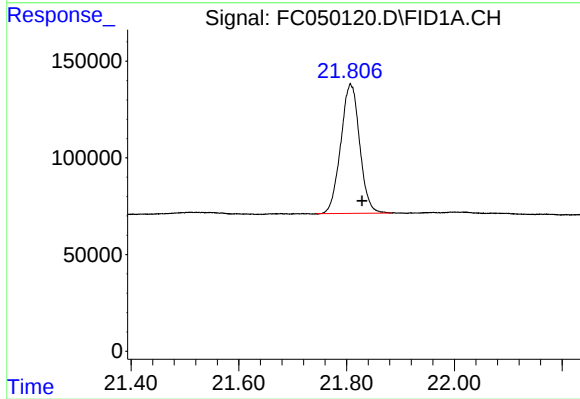
#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.016 min
Response: 1721336
Conc: 19.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.873 min
Delta R.T.: -0.018 min
Response: 1613962
Conc: 19.57 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.806 min
Delta R.T.: -0.023 min
Response: 1627482
Conc: 19.46 ug/ml m