

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120219AL\
 Data File : FC044796.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2019 11:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 12:20:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 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)	11.761	2263986	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.186	1752544	19.791 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.503	2078495	20.445 ug/ml
2) T n-Decane (C10)	4.578	2089485	20.575 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2348766	20.558 ug/ml
4) T n-Dodecane (C12)	6.598	2103683	20.677 ug/ml
5) T A~2-methylnaphthalene...	7.235	2358852	20.571 ug/ml
6) T n-Tetradecane (C14)	8.391	2111813	20.718 ug/ml
7) T n-Hexadecane (C16)	9.991	2118394	20.646 ug/ml
8) T n-Octadecane (C18)	11.431	2112225	20.400 ug/ml
10) T n-Eicosane (C20)	12.739	2086124	19.998 ug/ml
11) T n-Heneicosane (C21)	13.351	2086834	19.783 ug/ml
13) T n-Docosane (C22)	13.936	2056302	19.492 ug/ml
14) T n-Tetracosane (C24)	15.038	2015950	18.830 ug/ml
15) T n-Hexacosane (C26)	16.061	1951020	18.332 ug/ml
16) T n-Octacosane (C28)	17.010	1883105	17.942 ug/ml
17) T n-Tricontane (C30)	17.898	1776997	17.748 ug/ml
18) T n-Dotriacontane (C32)	18.730	1479807	17.773 ug/ml
19) T n-Tetratriacontane (C34)	19.510	1255340	18.297 ug/ml
20) T n-Hexatriacontane (C36)	20.250	1133887	18.997 ug/ml
21) T n-Octatriacontane (C38)	21.025	1036924	19.289 ug/ml
22) T n-Tetracontane (C40)	22.002	1035941	19.336 ug/ml

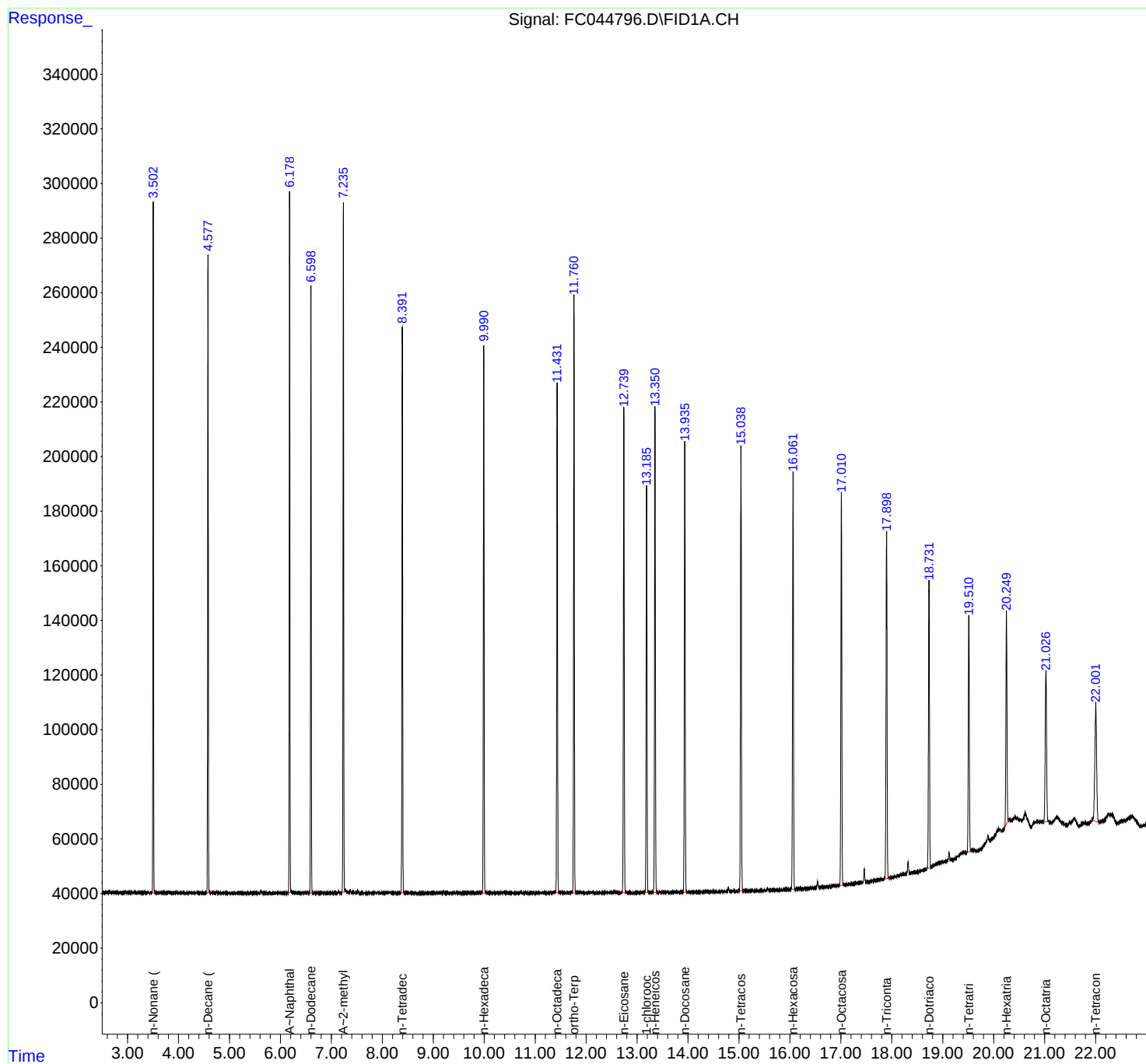
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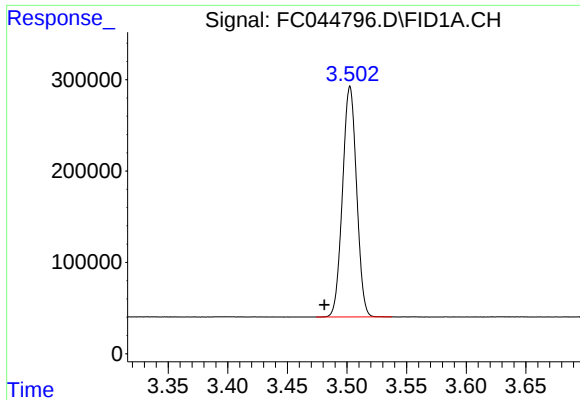
(m)=manual int.

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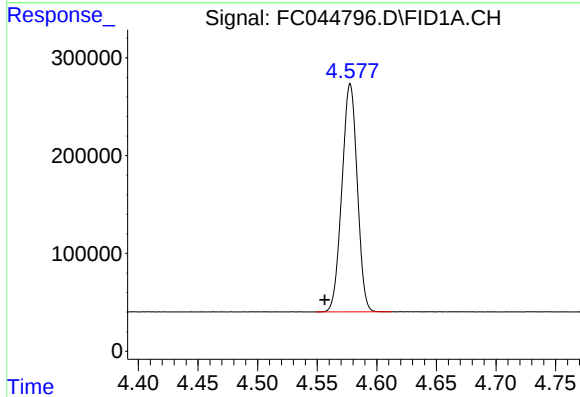
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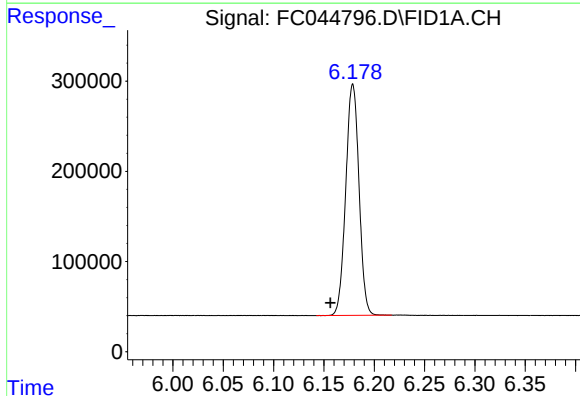
#1 n-Nonane (C9)

R.T.: 3.503 min
Delta R.T.: 0.022 min
Response: 2078495
Conc: 20.44 ug/ml



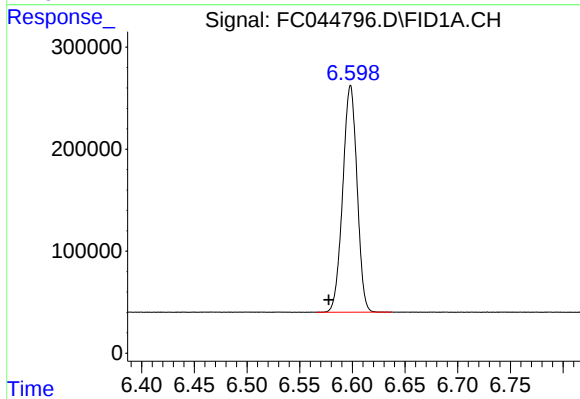
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.022 min
Response: 2089485
Conc: 20.58 ug/ml



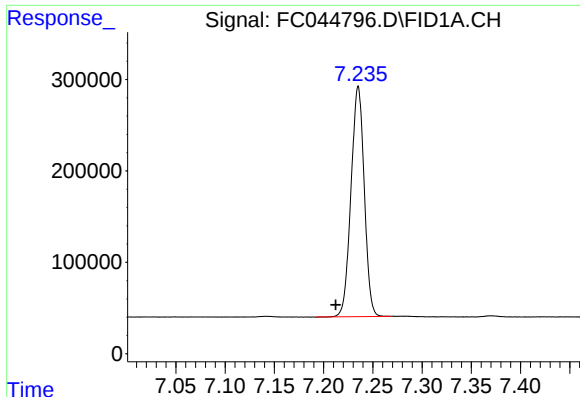
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: 0.022 min
Response: 2348766
Conc: 20.56 ug/ml



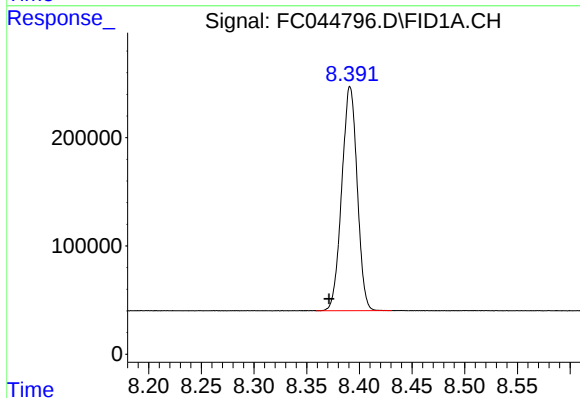
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.021 min
Response: 2103683
Conc: 20.68 ug/ml



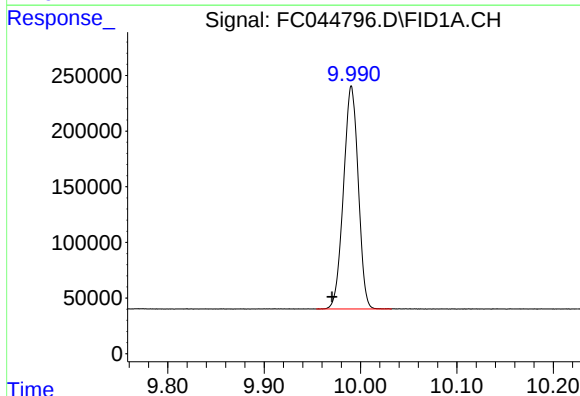
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.023 min
Response: 2358852
Conc: 20.57 ug/ml



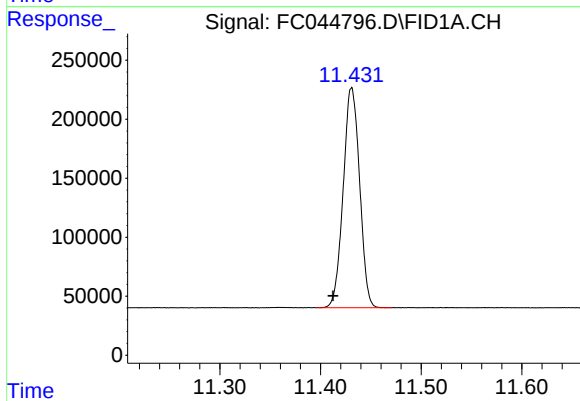
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: 0.020 min
Response: 2111813
Conc: 20.72 ug/ml



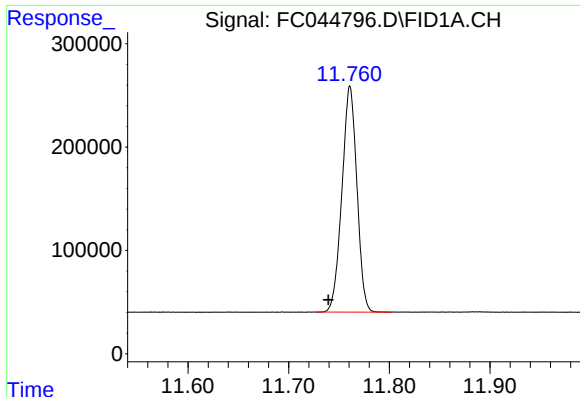
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.020 min
Response: 2118394
Conc: 20.65 ug/ml



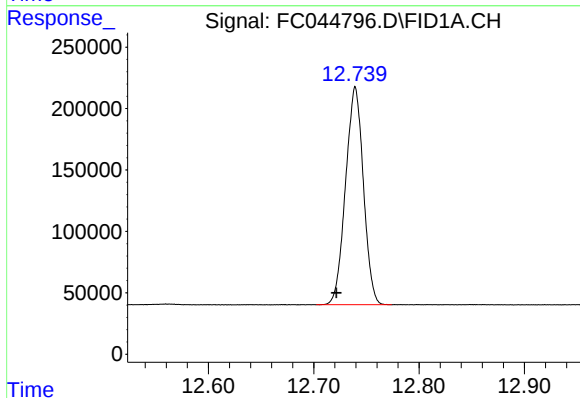
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.018 min
Response: 2112225
Conc: 20.40 ug/ml



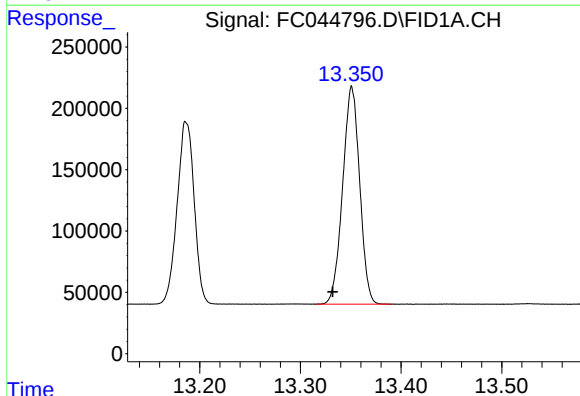
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.022 min
Response: 2263986
Conc: 19.87 ug/ml



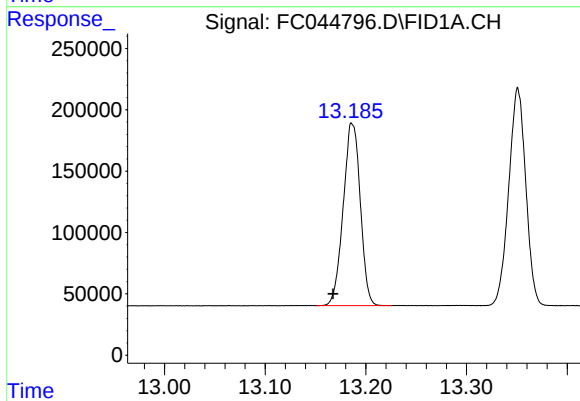
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: 0.018 min
Response: 2086124
Conc: 20.00 ug/ml



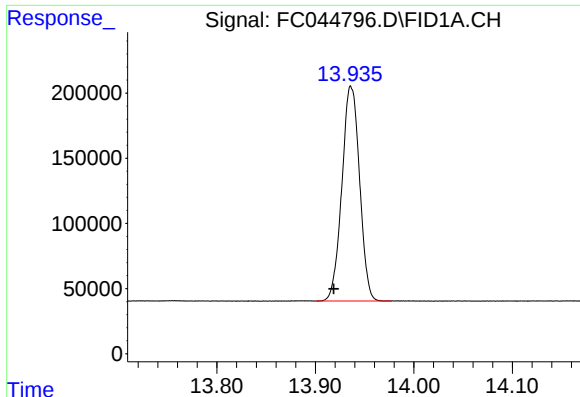
#11 n-Heneicosane (C21)

R.T.: 13.351 min
Delta R.T.: 0.019 min
Response: 2086834
Conc: 19.78 ug/ml



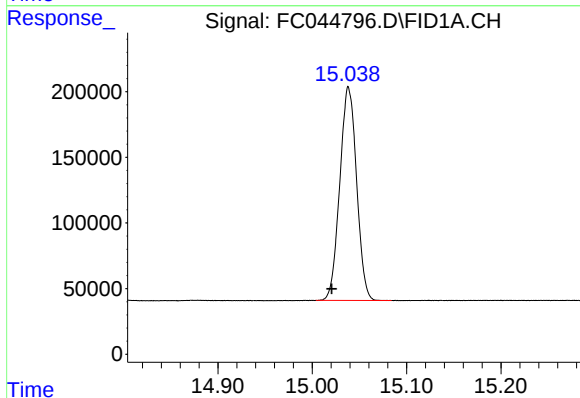
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: 0.019 min
Response: 1752544
Conc: 19.79 ug/ml



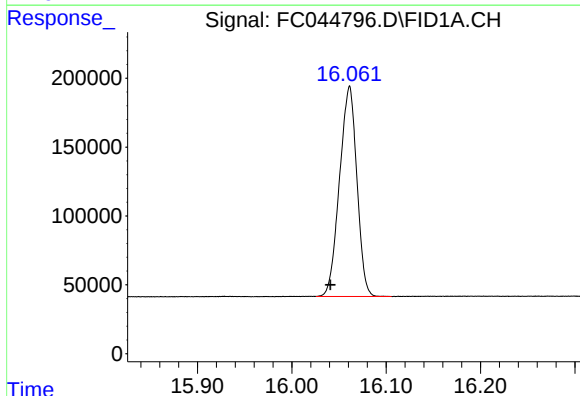
#13 n-Docosane (C22)

R.T.: 13.936 min
Delta R.T.: 0.017 min
Response: 2056302
Conc: 19.49 ug/ml



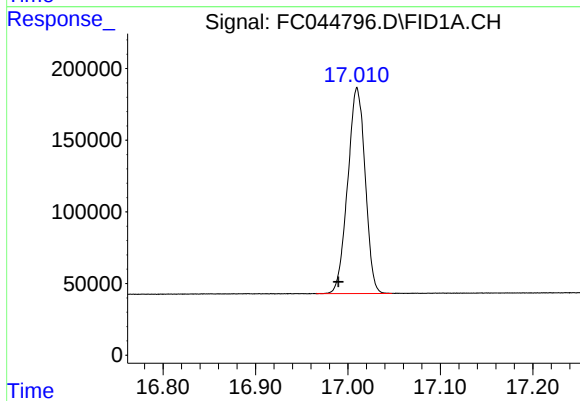
#14 n-Tetracosane (C24)

R.T.: 15.038 min
Delta R.T.: 0.018 min
Response: 2015950
Conc: 18.83 ug/ml



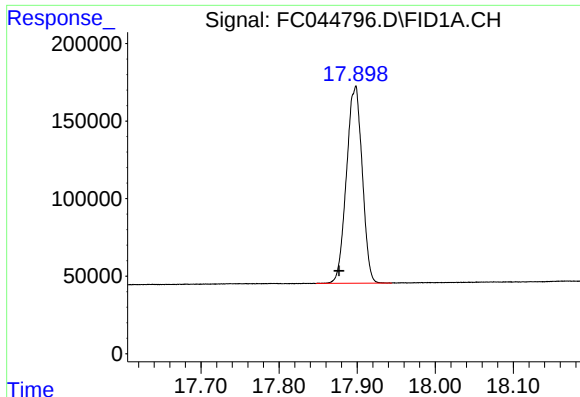
#15 n-Hexacosane (C26)

R.T.: 16.061 min
Delta R.T.: 0.020 min
Response: 1951020
Conc: 18.33 ug/ml



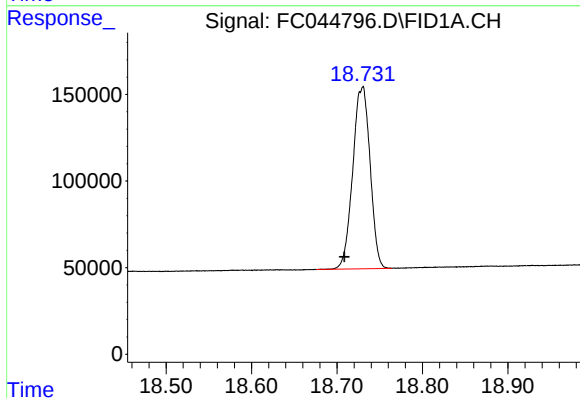
#16 n-Octacosane (C28)

R.T.: 17.010 min
Delta R.T.: 0.020 min
Response: 1883105
Conc: 17.94 ug/ml



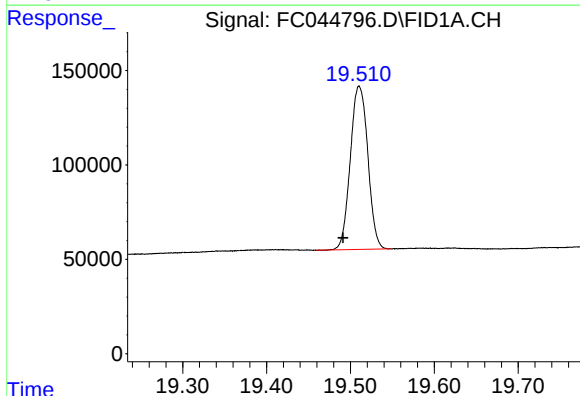
#17 n-Tricontane (C30)

R.T.: 17.898 min
Delta R.T.: 0.021 min
Response: 1776997
Conc: 17.75 ug/ml



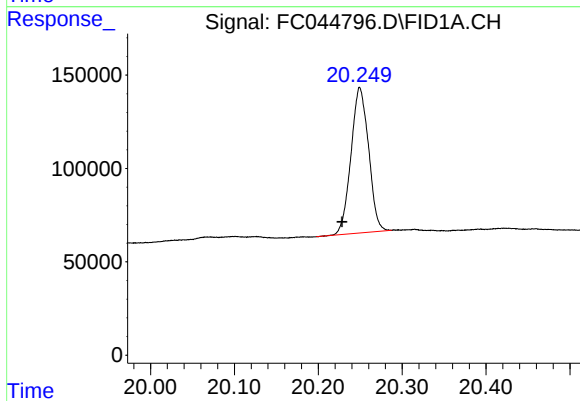
#18 n-Dotriacontane (C32)

R.T.: 18.730 min
Delta R.T.: 0.021 min
Response: 1479807
Conc: 17.77 ug/ml



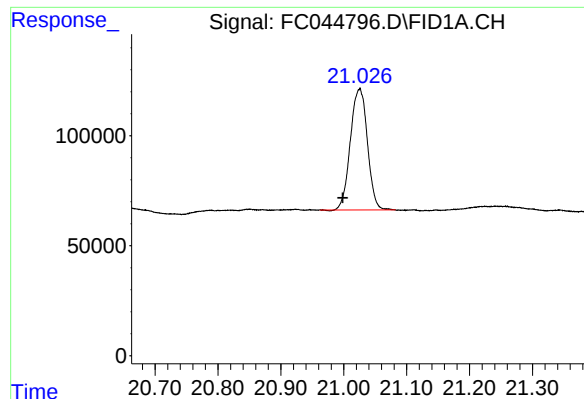
#19 n-Tetratriacontane (C34)

R.T.: 19.510 min
Delta R.T.: 0.019 min
Response: 1255340
Conc: 18.30 ug/ml



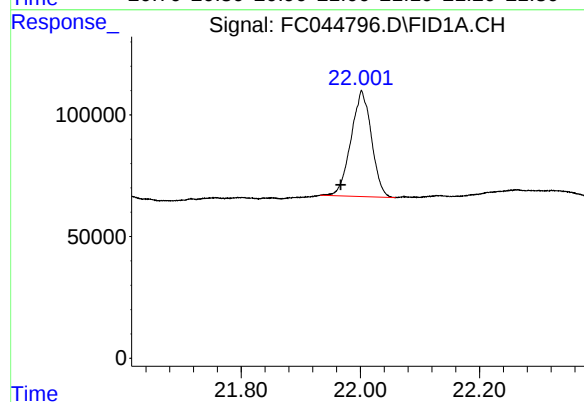
#20 n-Hexatriacontane (C36)

R.T.: 20.250 min
Delta R.T.: 0.021 min
Response: 1133887
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.025 min
Delta R.T.: 0.027 min
Response: 1036924
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.035 min
Response: 1035941
Conc: 19.34 ug/ml