

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111119AL\
 Data File : FC044492.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2019 1:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 12 02:20:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.725	2282683	15.660 ug/ml
Spiked Amount 50.000		Recovery =	31.32%
12) S 1-chlorooctadecane (S...	13.156	1712807	15.318 ug/ml
Spiked Amount 50.000		Recovery =	30.64%
Target Compounds			
1) T n-Nonane (C9)	3.452	2294351	20.828 ug/ml
2) T n-Decane (C10)	4.529	2309418	20.792 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2525929	20.301 ug/ml
4) T n-Dodecane (C12)	6.556	2301056	20.460 ug/ml
5) T A~2-methylnaphthalene...	7.191	2512957	19.928 ug/ml
6) T n-Tetradecane (C14)	8.353	2261391	19.988 ug/ml
7) T n-Hexadecane (C16)	9.954	2211110	19.351 ug/ml
8) T n-Octadecane (C18)	11.397	2139112	18.683 ug/ml
10) T n-Eicosane (C20)	12.708	2054758	18.017 ug/ml
11) T n-Heneicosane (C21)	13.321	2027112	17.673 ug/ml
13) T n-Docosane (C22)	13.908	1974694	17.389 ug/ml
14) T n-Tetracosane (C24)	15.012	1918041	16.962 ug/ml
15) T n-Hexacosane (C26)	16.034	1872010	16.920 ug/ml
16) T n-Octacosane (C28)	16.984	1866949	17.234 ug/ml
17) T n-Tricontane (C30)	17.874	1876899	17.734 ug/ml
18) T n-Dotriacontane (C32)	18.706	1929583	19.160 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1896597	20.227 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1890004	21.772 ug/ml
21) T n-Octatriacontane (C38)	21.005	2423862	30.058 ug/ml
22) T n-Tetracontane (C40)	21.980	1823905	21.578 ug/ml

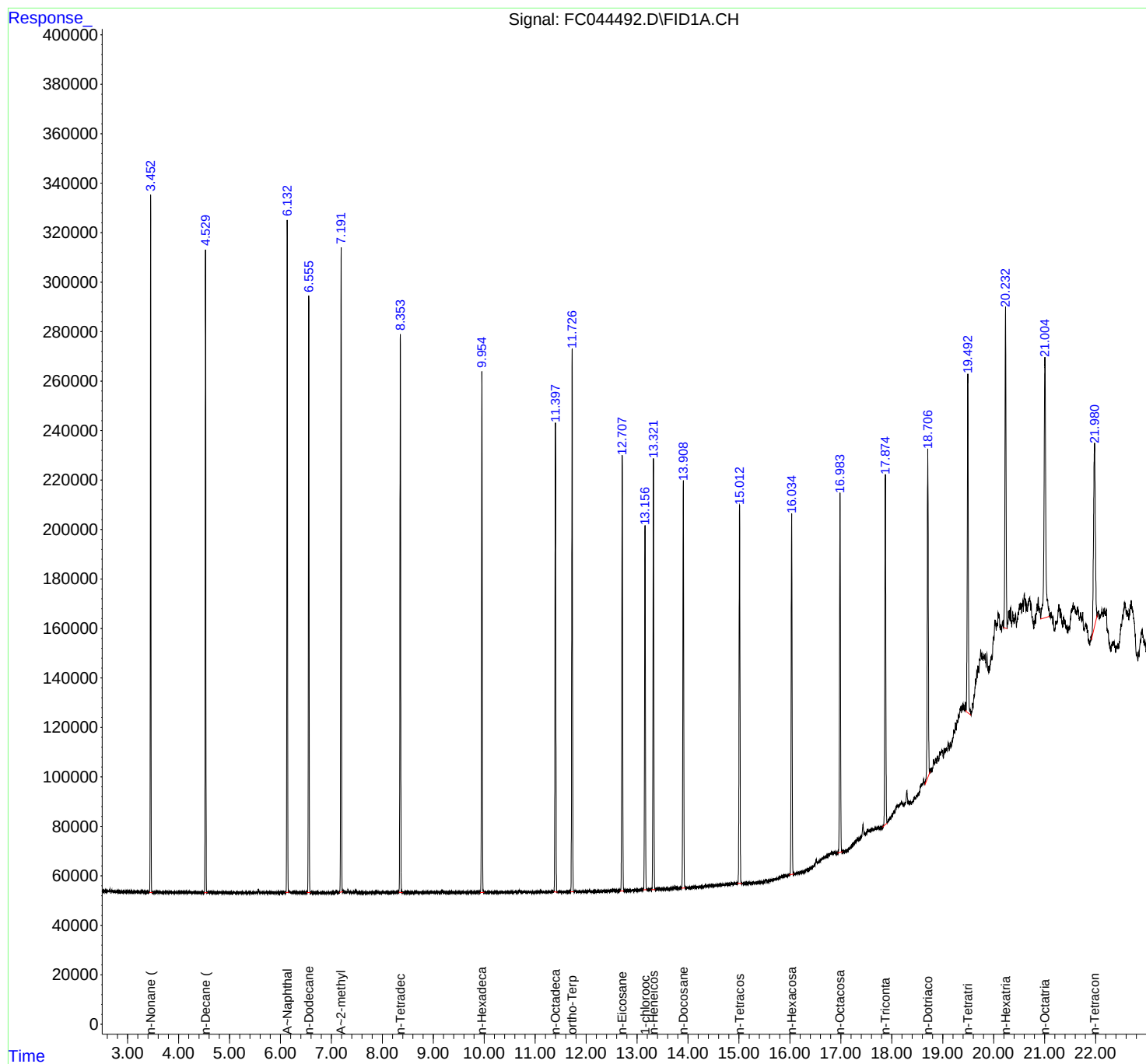
(f)=RT Delta > 1/2 Window

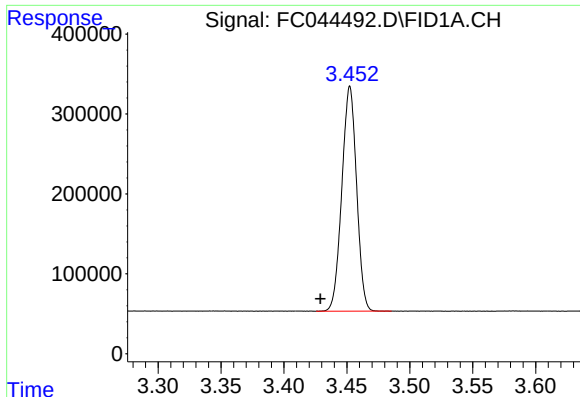
(m)=manual int.

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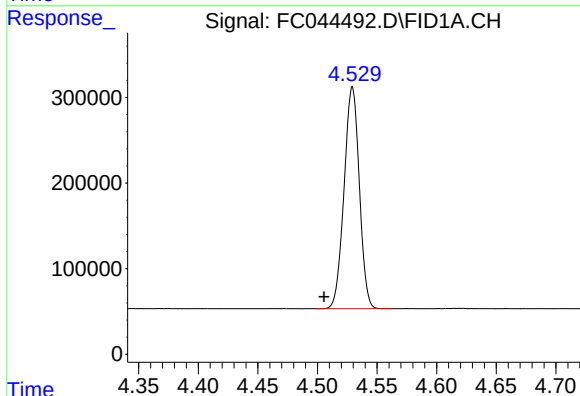
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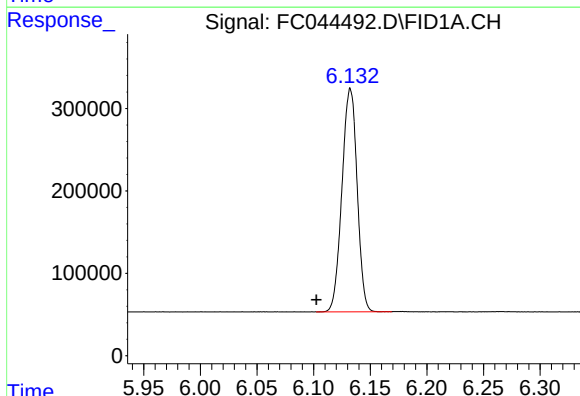
#1 n-Nonane (C9)

R.T.: 3.452 min
Delta R.T.: 0.023 min
Response: 2294351
Conc: 20.83 ug/ml



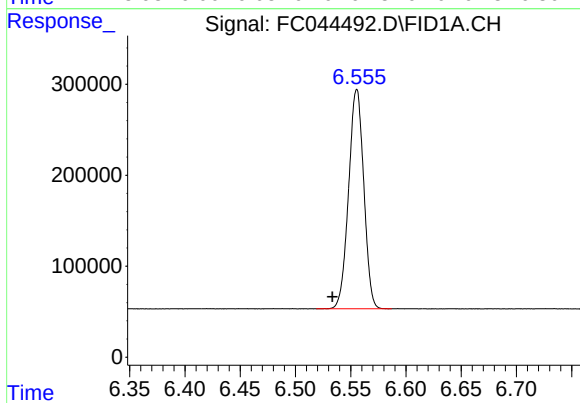
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: 2309418
Conc: 20.79 ug/ml



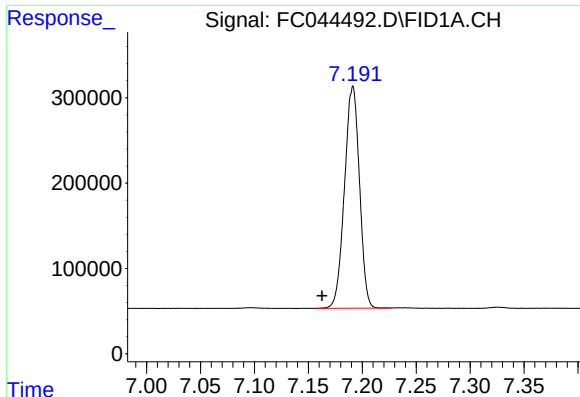
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: 0.030 min
Response: 2525929
Conc: 20.30 ug/ml



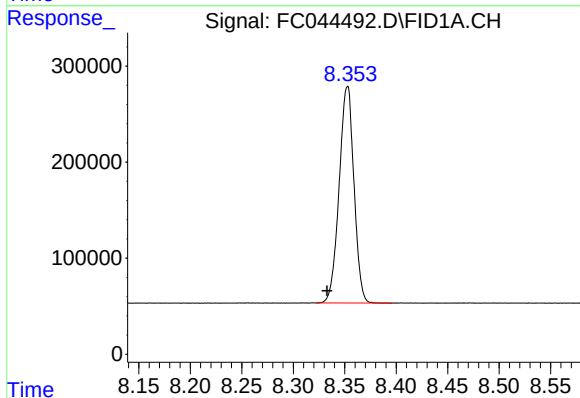
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: 0.022 min
Response: 2301056
Conc: 20.46 ug/ml



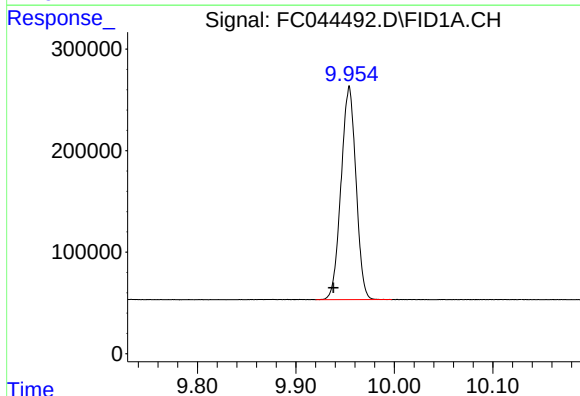
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: 0.029 min
Response: 2512957
Conc: 19.93 ug/ml



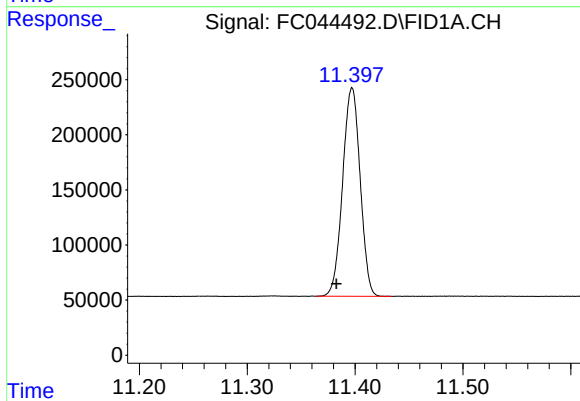
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.020 min
Response: 2261391
Conc: 19.99 ug/ml



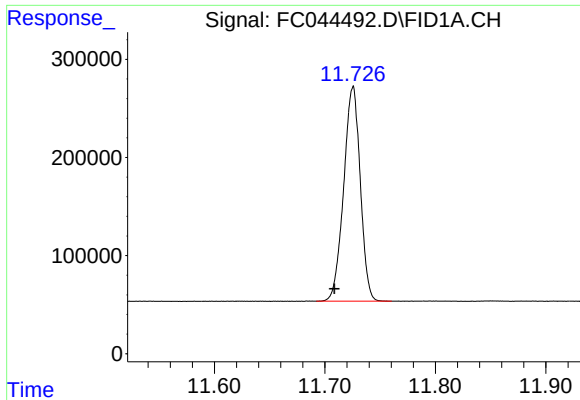
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.016 min
Response: 2211110
Conc: 19.35 ug/ml



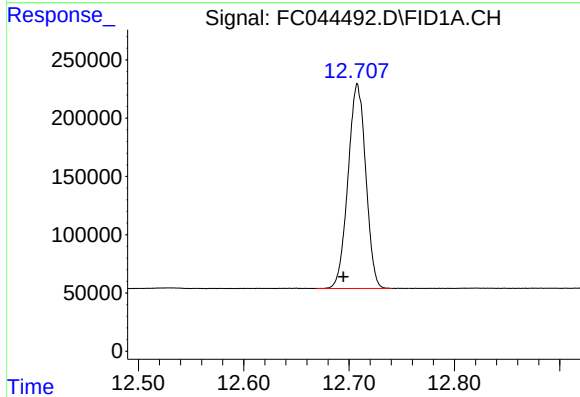
#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: 0.014 min
Response: 2139112
Conc: 18.68 ug/ml



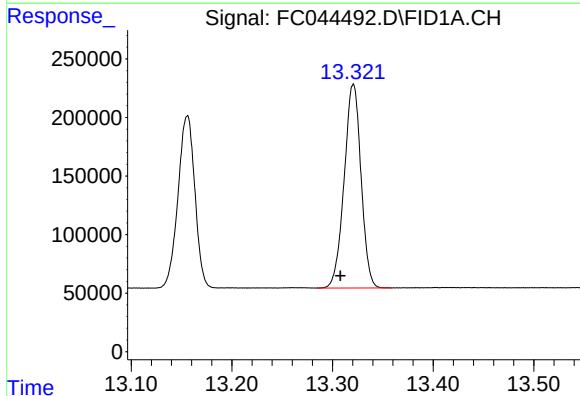
#9 ortho-Terphenyl (SURR)

R.T.: 11.725 min
Delta R.T.: 0.017 min
Response: 2282683
Conc: 15.66 ug/ml



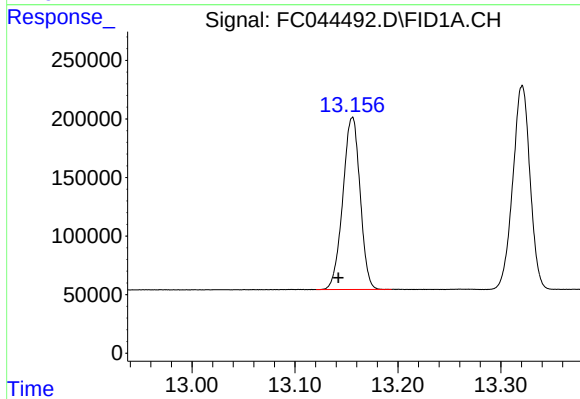
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.013 min
Response: 2054758
Conc: 18.02 ug/ml



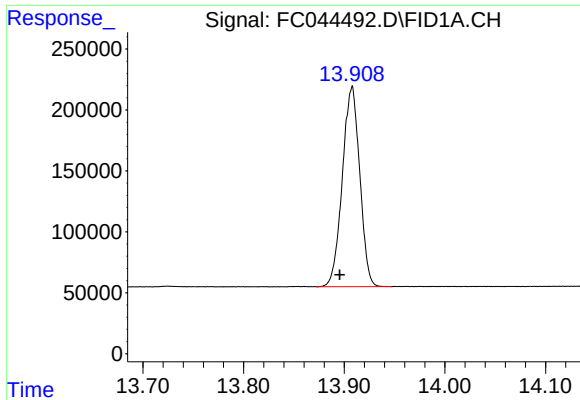
#11 n-Heneicosane (C21)

R.T.: 13.321 min
Delta R.T.: 0.013 min
Response: 2027112
Conc: 17.67 ug/ml



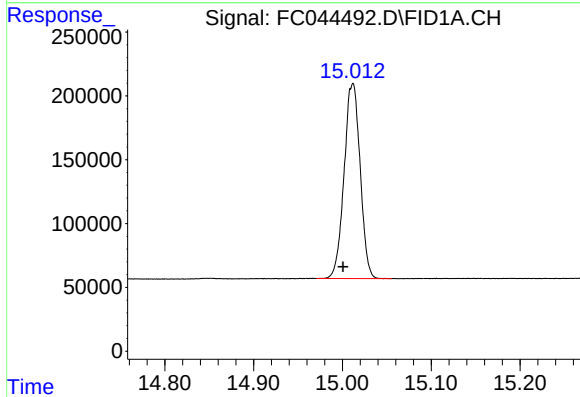
#12 1-chlorooctadecane (SURR)

R.T.: 13.156 min
Delta R.T.: 0.014 min
Response: 1712807
Conc: 15.32 ug/ml



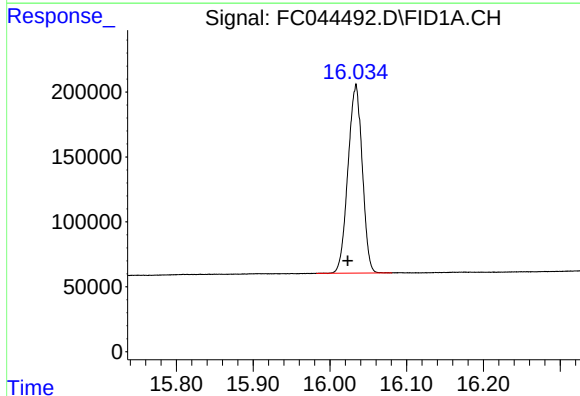
#13 n-Docosane (C22)

R.T.: 13.908 min
Delta R.T.: 0.012 min
Response: 1974694
Conc: 17.39 ug/ml



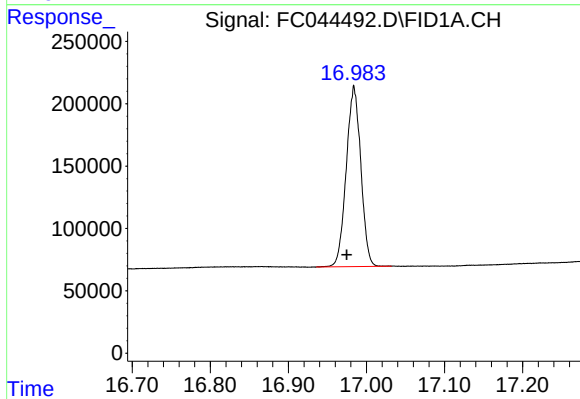
#14 n-Tetracosane (C24)

R.T.: 15.012 min
Delta R.T.: 0.011 min
Response: 1918041
Conc: 16.96 ug/ml



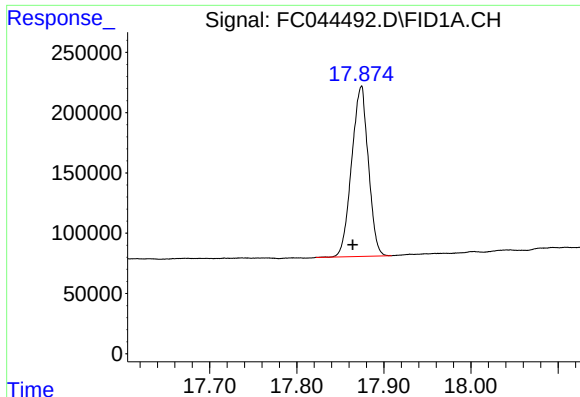
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.010 min
Response: 1872010
Conc: 16.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.984 min
Delta R.T.: 0.009 min
Response: 1866949
Conc: 17.23 ug/ml



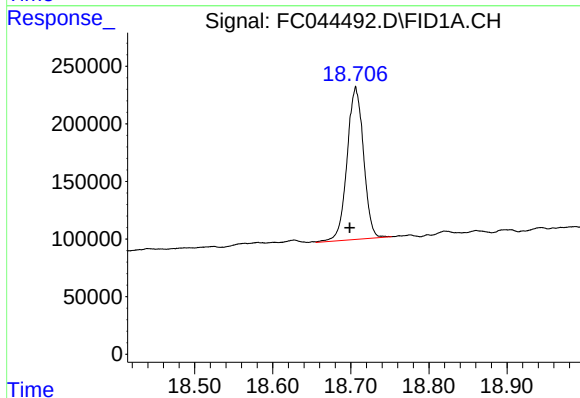
#17 n-Tricontane (C30)

R.T.: 17.874 min

Delta R.T.: 0.010 min

Response: 1876899

Conc: 17.73 ug/ml



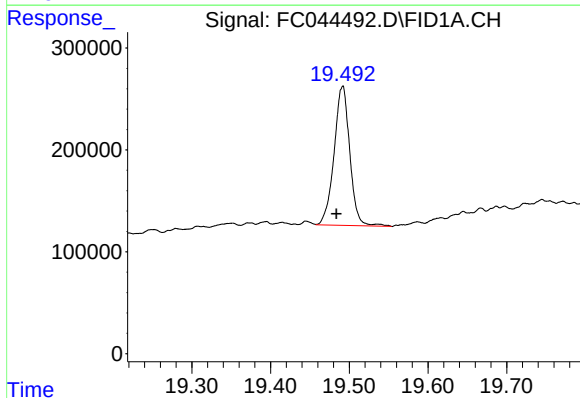
#18 n-Dotriacontane (C32)

R.T.: 18.706 min

Delta R.T.: 0.008 min

Response: 1929583

Conc: 19.16 ug/ml



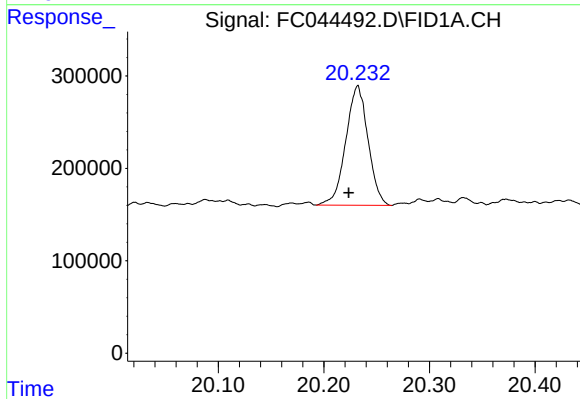
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min

Delta R.T.: 0.008 min

Response: 1896597

Conc: 20.23 ug/ml



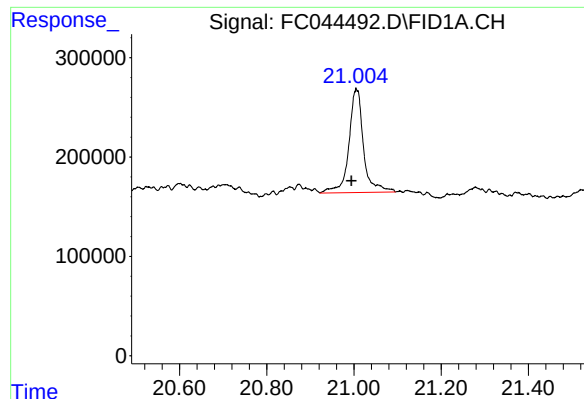
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min

Delta R.T.: 0.009 min

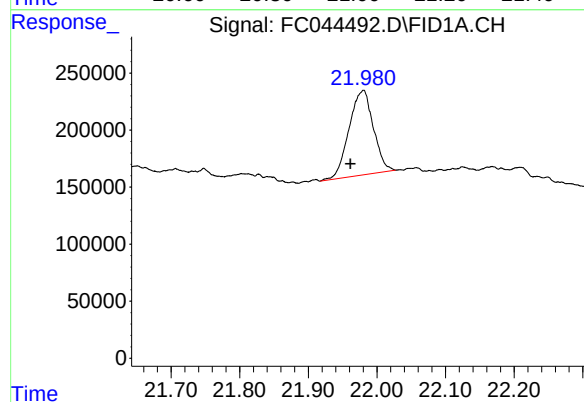
Response: 1890004

Conc: 21.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 2423862
Conc: 30.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: 0.019 min
Response: 1823905
Conc: 21.58 ug/ml