

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101320AL\
 Data File : FC050048.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2020 11:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 01:22:30 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)	11.644	2215515	19.765 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	13.077	1705650	19.690 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.384	2072400	20.913 ug/ml
2) T n-Decane (C10)	4.457	2091126	21.004 ug/ml
3) T A~Naphthalene (C11.7)	6.052	2291922	20.794 ug/ml
4) T n-Dodecane (C12)	6.479	2115694	20.968 ug/ml
5) T A~2-methylnaphthalene...	7.111	2310769	20.761 ug/ml
6) T n-Tetradecane (C14)	8.277	2088726	20.850 ug/ml
7) T n-Hexadecane (C16)	9.879	2034078	20.639 ug/ml
8) T n-Octadecane (C18)	11.321	2099533	20.330 ug/ml
10) T n-Eicosane (C20)	12.631	2080595	19.995 ug/ml
11) T n-Heneicosane (C21)	13.244	2051585	19.743 ug/ml
13) T n-Docosane (C22)	13.829	2038137	19.634 ug/ml
14) T n-Tetracosane (C24)	14.932	1981287	19.075 ug/ml
15) T n-Hexacosane (C26)	15.952	1918719	18.620 ug/ml
16) T n-Octacosane (C28)	16.901	1880927	18.174 ug/ml
17) T n-Tricontane (C30)	17.788	1842703	18.057 ug/ml
18) T n-Dotriacontane (C32)	18.619	1726659	17.974 ug/ml
19) T n-Tetratriacontane (C34)	19.402	1662531	18.125 ug/ml
20) T n-Hexatriacontane (C36)	20.137	1623471	18.329 ug/mlm
21) T n-Octatriacontane (C38)	20.890	1580301	19.165 ug/ml
22) T n-Tetracontane (C40)	21.829	1599779	19.131 ug/ml

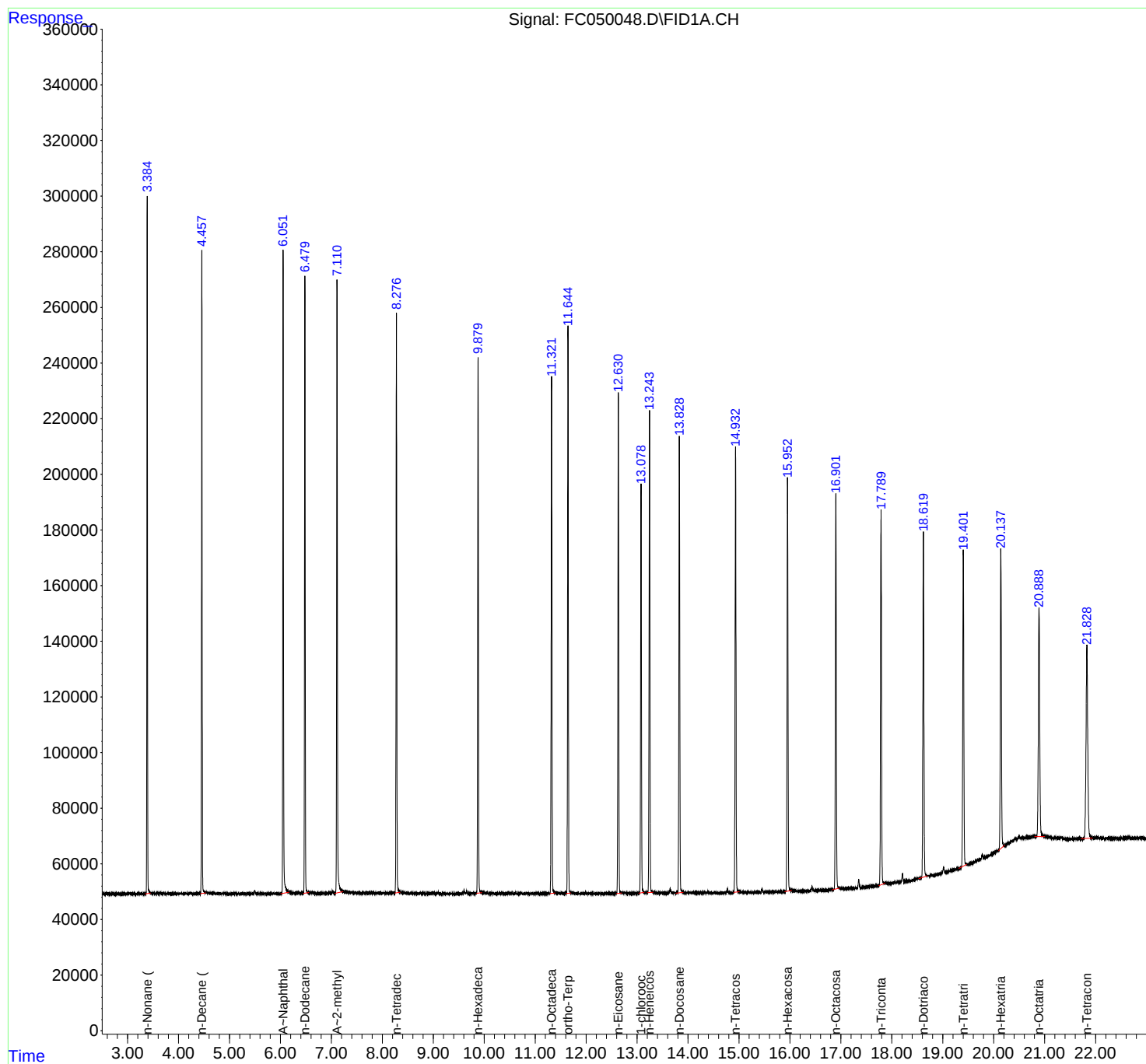
(f)=RT Delta > 1/2 Window

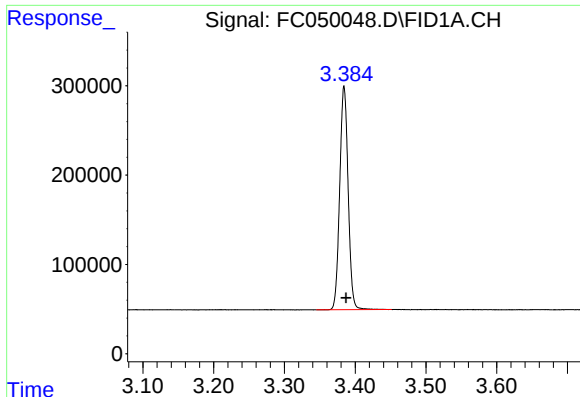
(m)=manual int.

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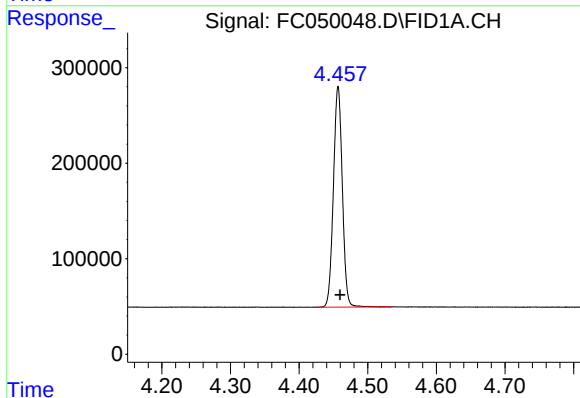
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





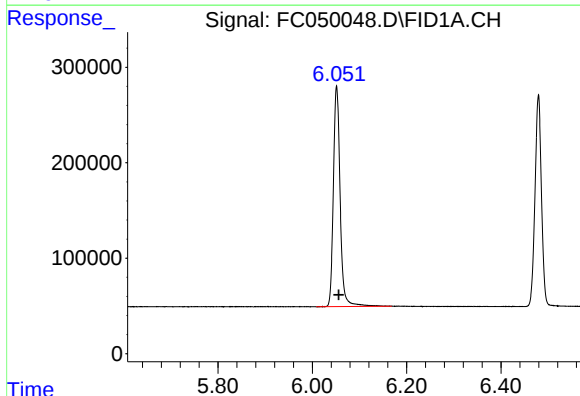
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.003 min
Response: 2072400
Conc: 20.91 ug/ml



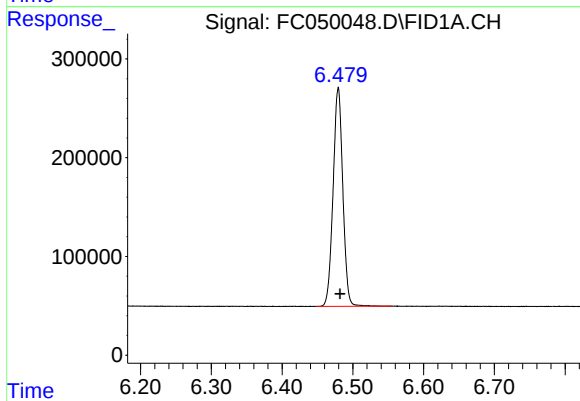
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.003 min
Response: 2091126
Conc: 21.00 ug/ml



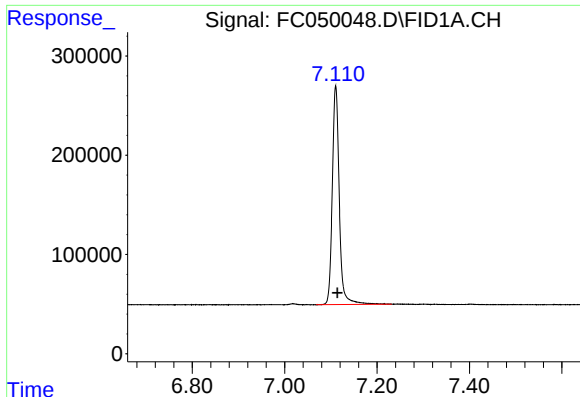
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 2291922
Conc: 20.79 ug/ml



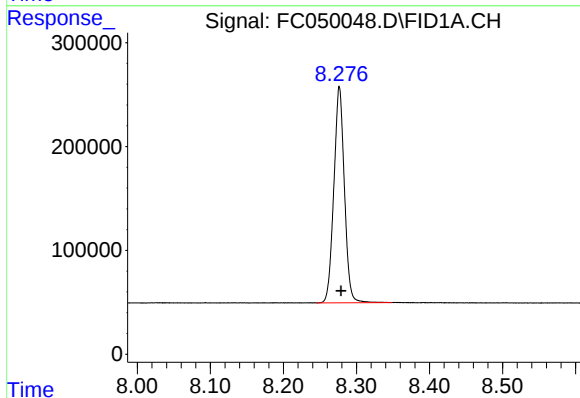
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.003 min
Response: 2115694
Conc: 20.97 ug/ml



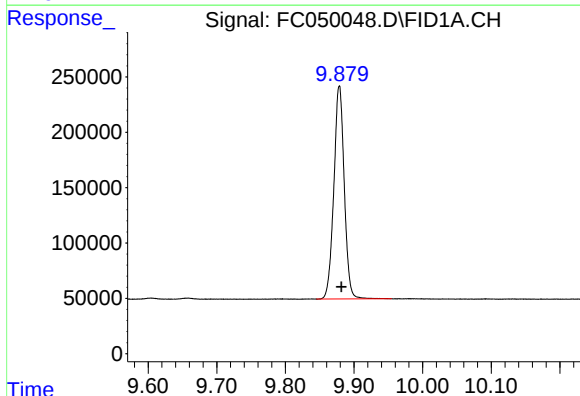
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: -0.004 min
Response: 2310769
Conc: 20.76 ug/ml



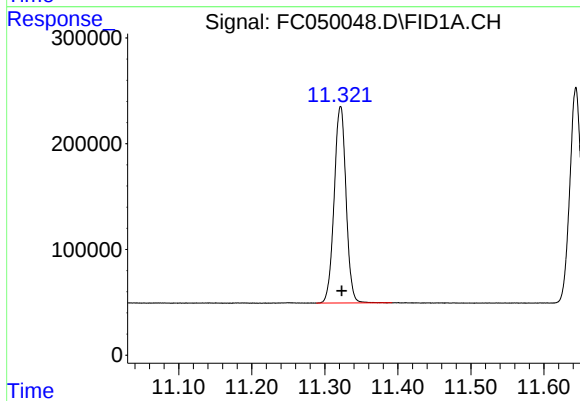
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 2088726
Conc: 20.85 ug/ml



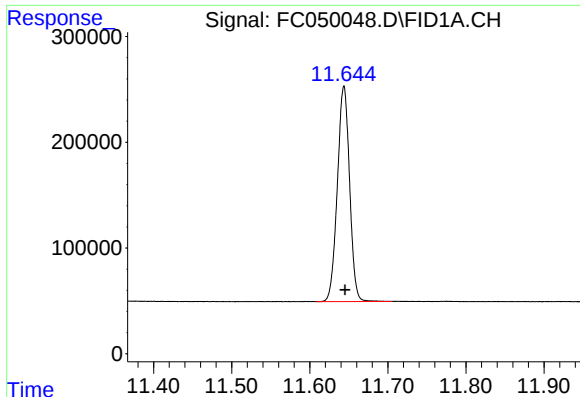
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.003 min
Response: 2034078
Conc: 20.64 ug/ml



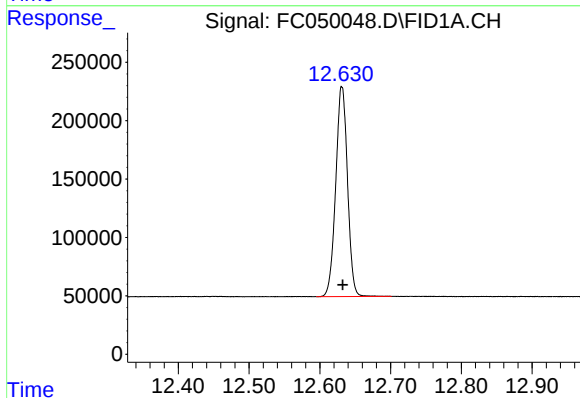
#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.002 min
Response: 2099533
Conc: 20.33 ug/ml



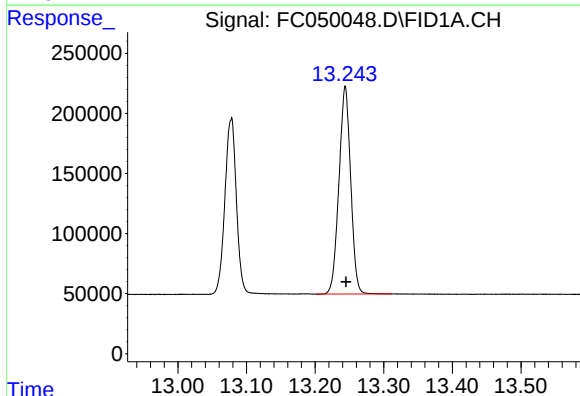
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.001 min
Response: 2215515
Conc: 19.77 ug/ml



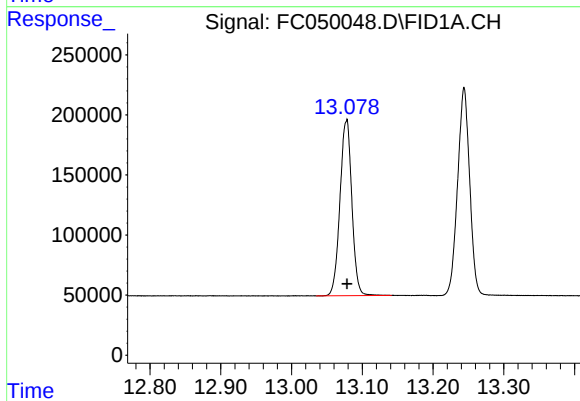
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.001 min
Response: 2080595
Conc: 20.00 ug/ml



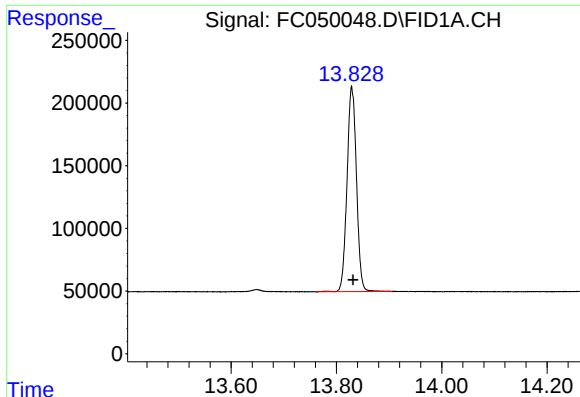
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.001 min
Response: 2051585
Conc: 19.74 ug/ml



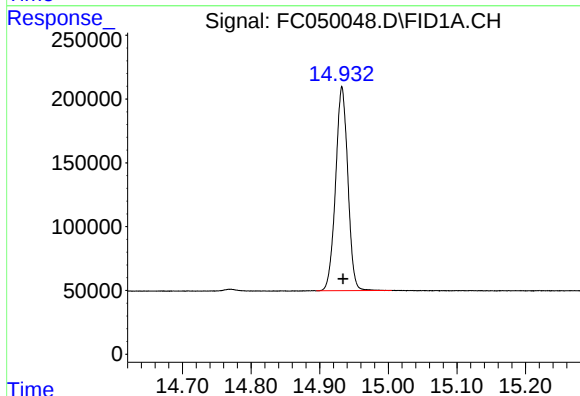
#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 1705650
Conc: 19.69 ug/ml



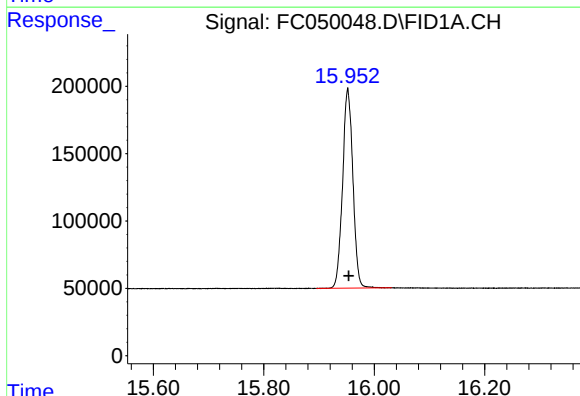
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.002 min
Response: 2038137
Conc: 19.63 ug/ml



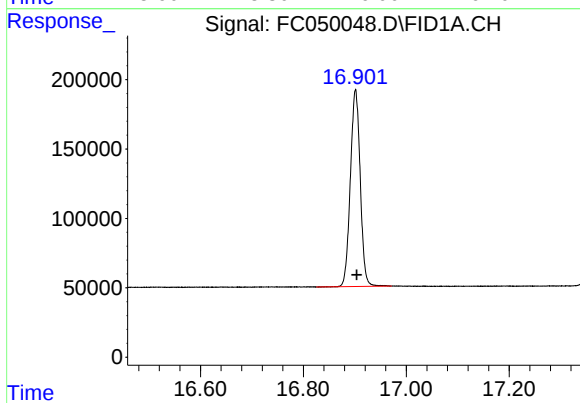
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.002 min
Response: 1981287
Conc: 19.07 ug/ml



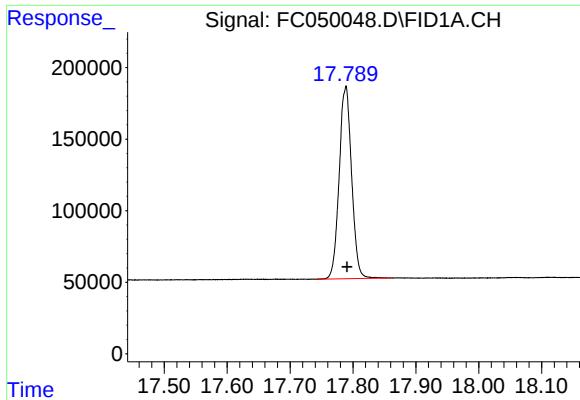
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: -0.002 min
Response: 1918719
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.002 min
Response: 1880927
Conc: 18.17 ug/ml



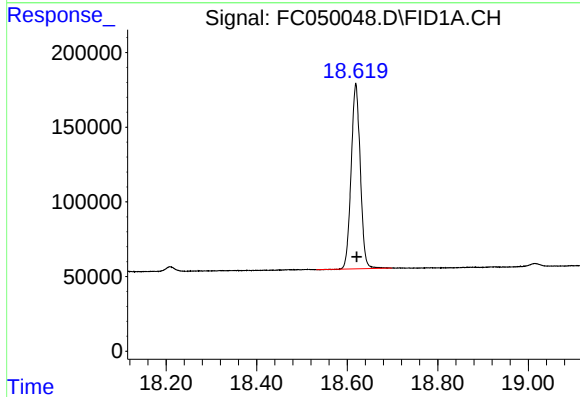
#17 n-Tricontane (C30)

R.T.: 17.788 min

Delta R.T.: -0.003 min

Response: 1842703

Conc: 18.06 ug/ml



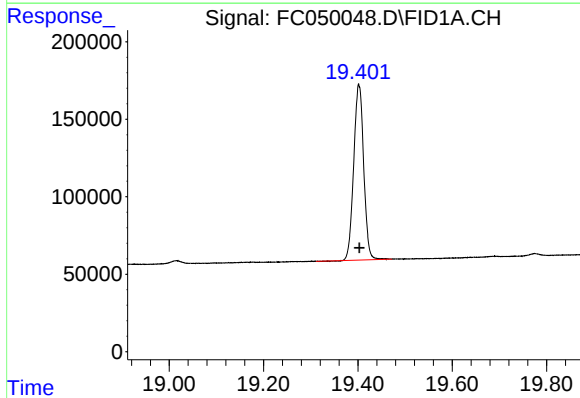
#18 n-Dotriacontane (C32)

R.T.: 18.619 min

Delta R.T.: -0.002 min

Response: 1726659

Conc: 17.97 ug/ml



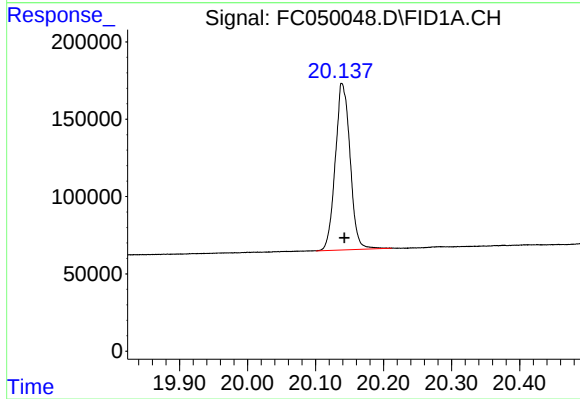
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min

Delta R.T.: 0.000 min

Response: 1662531

Conc: 18.13 ug/ml



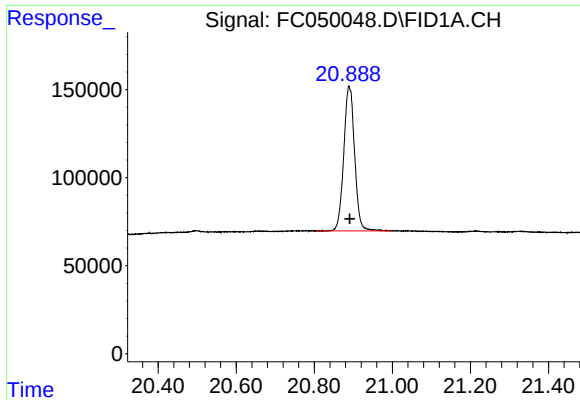
#20 n-Hexatriacontane (C36)

R.T.: 20.137 min

Delta R.T.: -0.005 min

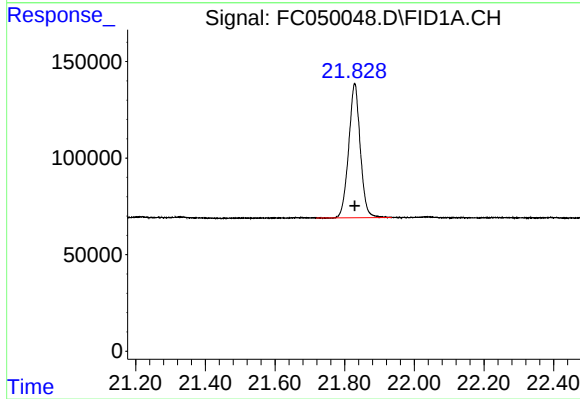
Response: 1623471

Conc: 18.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.890 min
Delta R.T.: -0.001 min
Response: 1580301
Conc: 19.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.829 min
Delta R.T.: 0.000 min
Response: 1599779
Conc: 19.13 ug/ml