

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD043021AL\
 Data File : FD037283.D
 Signal(s) : FID2B.CH
 Acq On : 01 May 2021 7:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 03 01:03:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 2021
 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)	11.475	2297595	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	12.909	1718570	20.314 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.273	2469466	20.958 ug/ml
2) T n-Decane (C10)	4.334	2477689	20.892 ug/ml
3) T A~Naphthalene (C11.7)	5.909	2699468	20.570 ug/ml
4) T n-Dodecane (C12)	6.345	2471889	20.816 ug/ml
5) T A~2-methylnaphthalene...	6.962	2677806	20.422 ug/ml
6) T n-Tetradecane (C14)	8.133	2391539	20.660 ug/ml
7) T n-Hexadecane (C16)	9.728	2240099	20.375 ug/ml
8) T n-Octadecane (C18)	11.164	2201491	20.078 ug/ml
10) T n-Eicosane (C20)	12.468	2108392	19.876 ug/ml
11) T n-Heneicosane (C21)	13.077	2069728	19.701 ug/ml
13) T n-Docosane (C22)	13.661	2035921	19.805 ug/ml
14) T n-Tetracosane (C24)	14.759	2003396	19.778 ug/ml
15) T n-Hexacosane (C26)	15.774	1986972	20.344 ug/ml
16) T n-Octacosane (C28)	16.719	2016041	20.973 ug/ml
17) T n-Tricontane (C30)	17.602	2069027	21.515 ug/ml
18) T n-Dotriacontane (C32)	18.430	2083087	21.180 ug/ml
19) T n-Tetratriacontane (C34)	19.208	2056223	21.663 ug/ml
20) T n-Hexatriacontane (C36)	19.944	1960356	20.816 ug/ml
21) T n-Octatriacontane (C38)	20.654	1884907	21.894 ug/ml
22) T n-Tetracontane (C40)	21.502	1944524	20.266 ug/ml

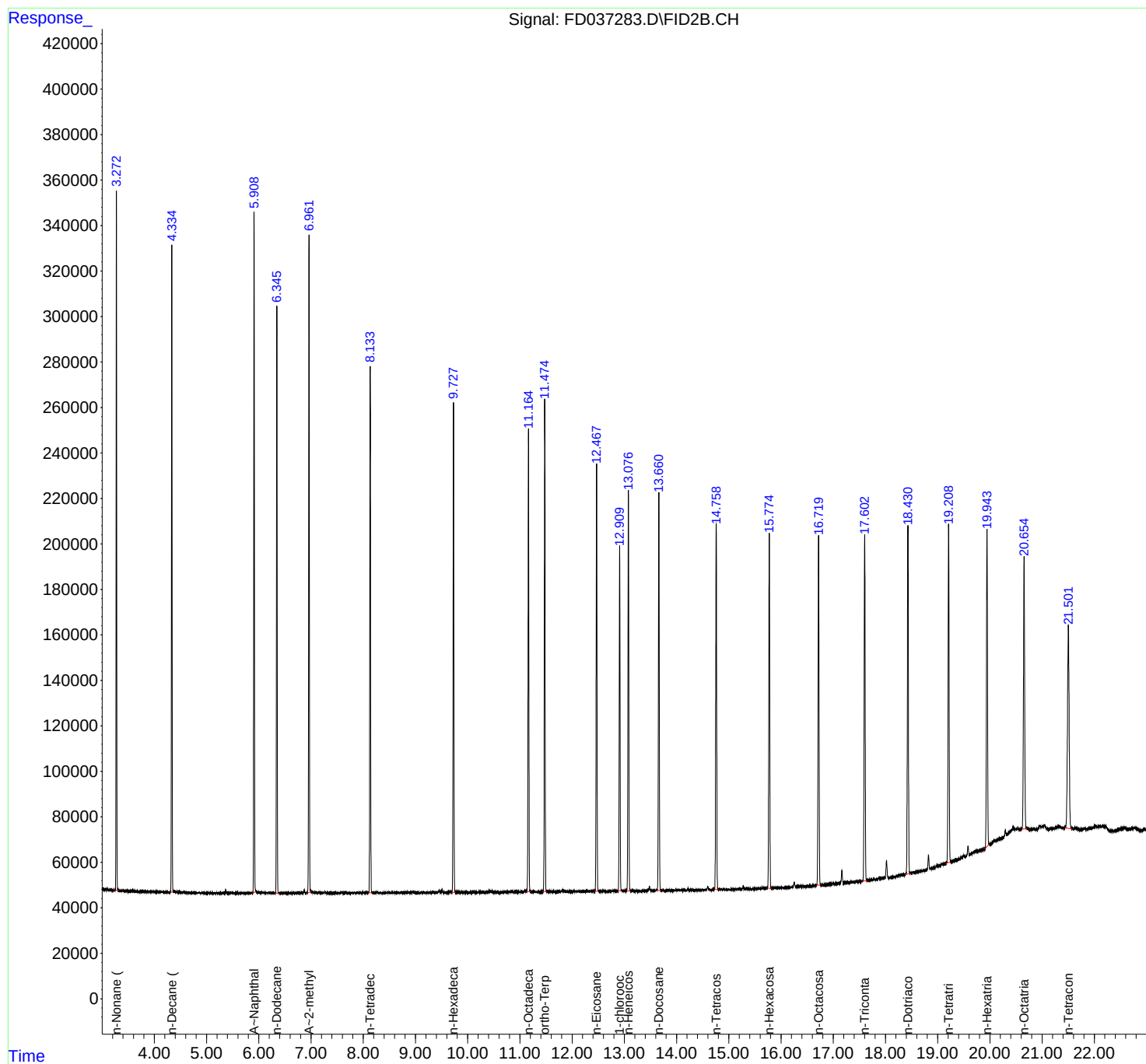
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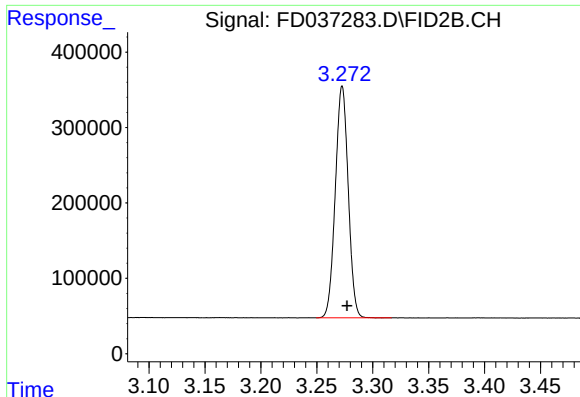
(m)=manual int.

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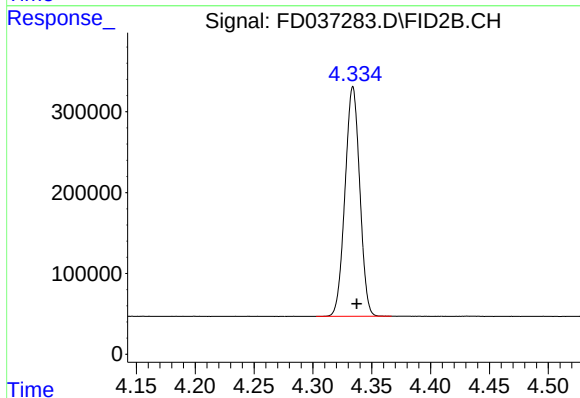
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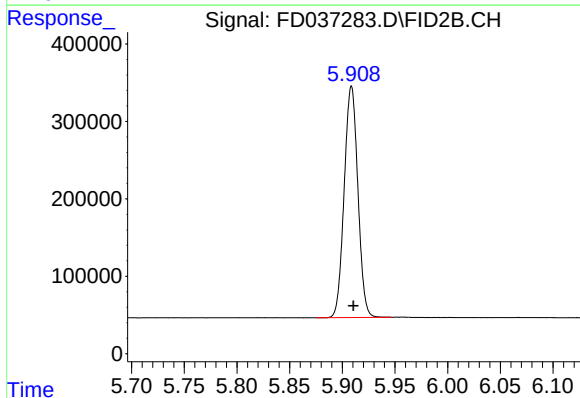
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 2469466
Conc: 20.96 ug/ml



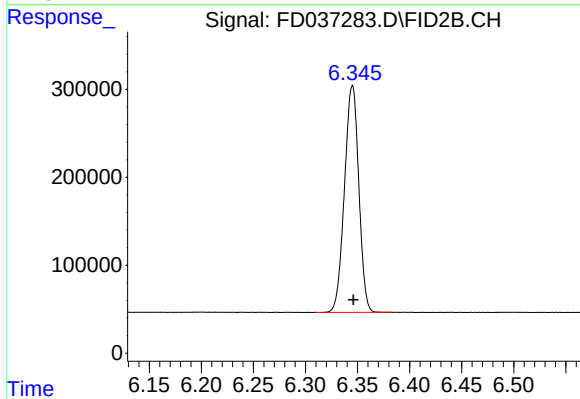
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 2477689
Conc: 20.89 ug/ml



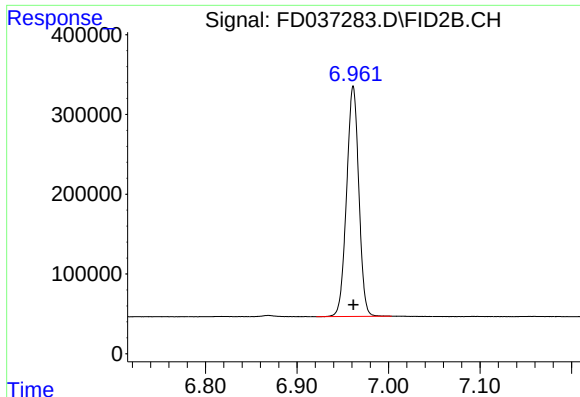
#3 A~Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 2699468
Conc: 20.57 ug/ml



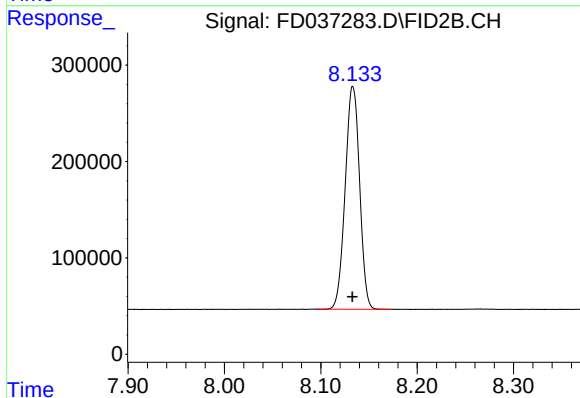
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 2471889
Conc: 20.82 ug/ml



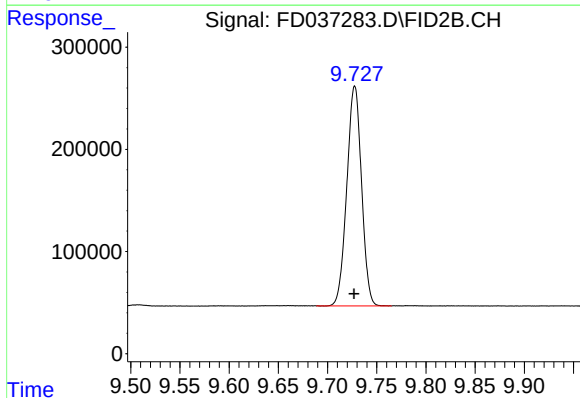
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2677806
Conc: 20.42 ug/ml



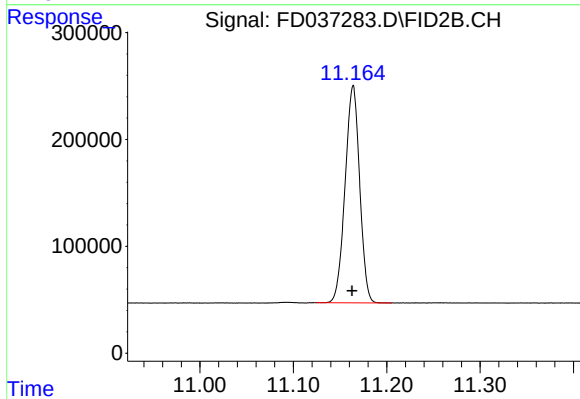
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 2391539
Conc: 20.66 ug/ml



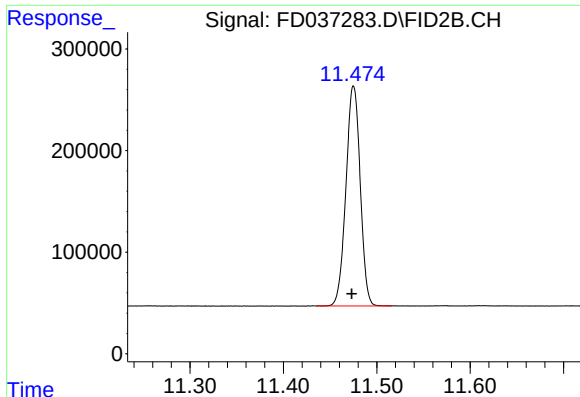
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.000 min
Response: 2240099
Conc: 20.38 ug/ml



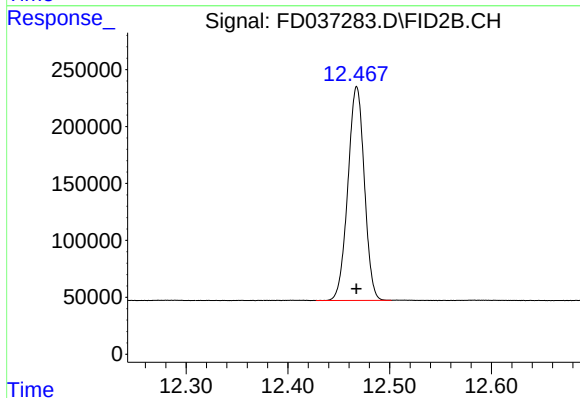
#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: 0.001 min
Response: 2201491
Conc: 20.08 ug/ml



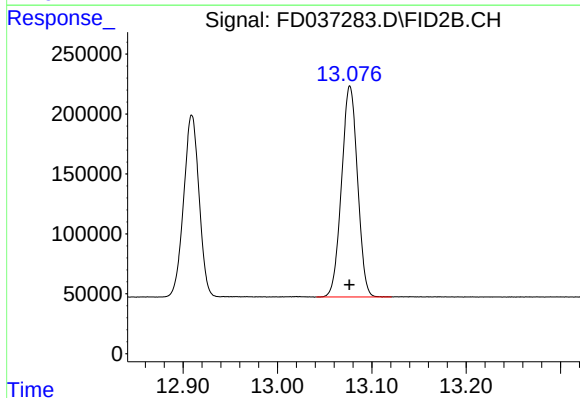
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: 0.002 min
Response: 2297595
Conc: 19.68 ug/ml



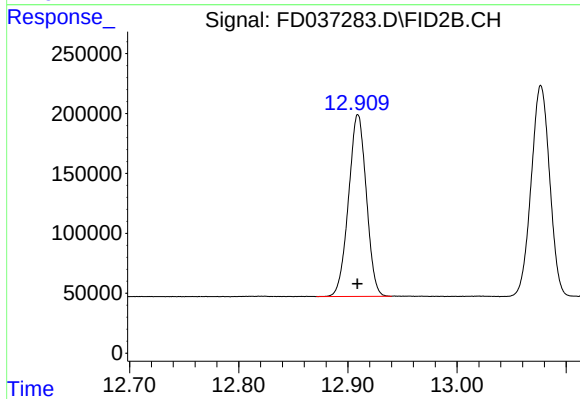
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2108392
Conc: 19.88 ug/ml



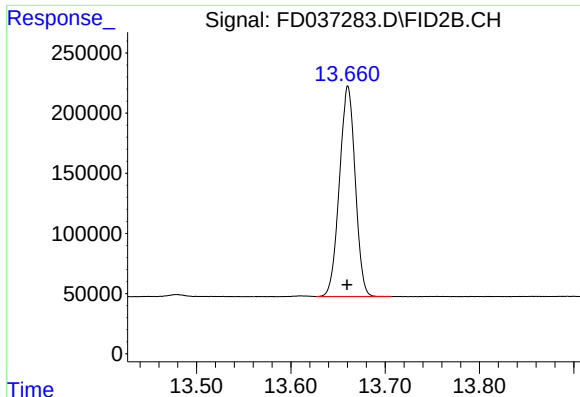
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 2069728
Conc: 19.70 ug/ml



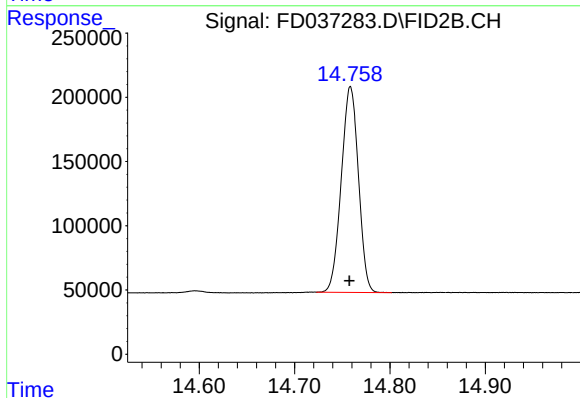
#12 1-chlorooctadecane (SURR)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 1718570
Conc: 20.31 ug/ml



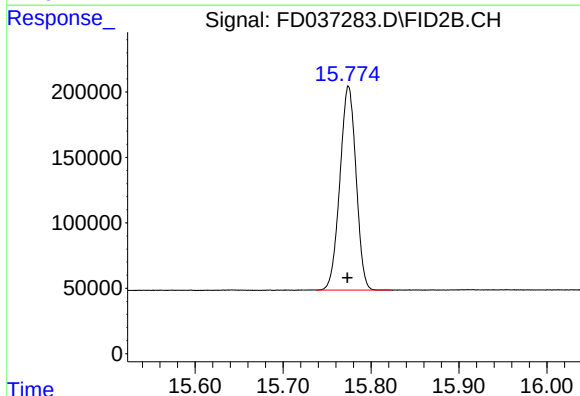
#13 n-Docosane (C22)

R.T.: 13.661 min
Delta R.T.: 0.001 min
Response: 2035921
Conc: 19.80 ug/ml



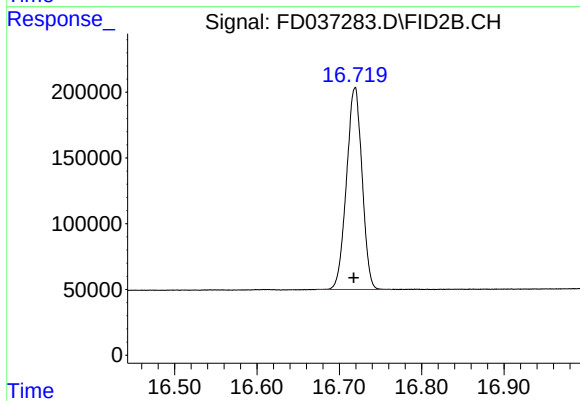
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: 0.001 min
Response: 2003396
Conc: 19.78 ug/ml



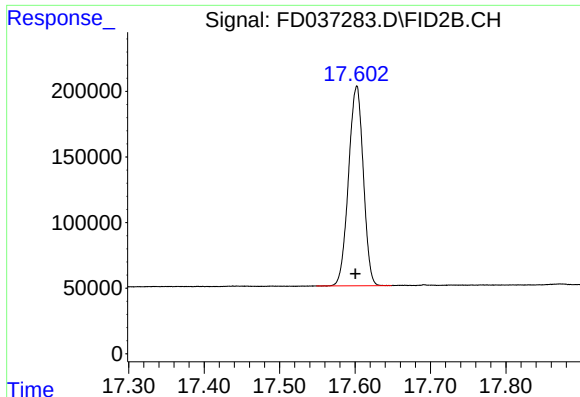
#15 n-Hexacosane (C26)

R.T.: 15.774 min
Delta R.T.: 0.001 min
Response: 1986972
Conc: 20.34 ug/ml



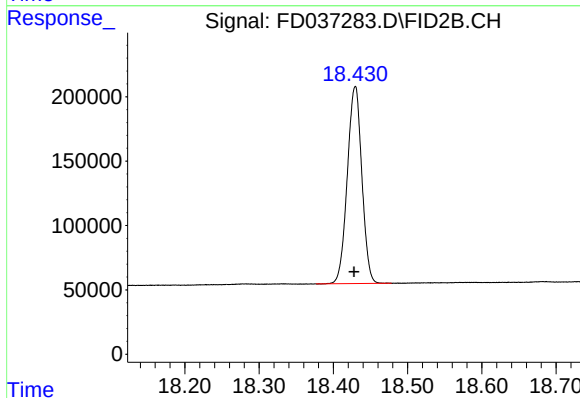
#16 n-Octacosane (C28)

R.T.: 16.719 min
Delta R.T.: 0.002 min
Response: 2016041
Conc: 20.97 ug/ml



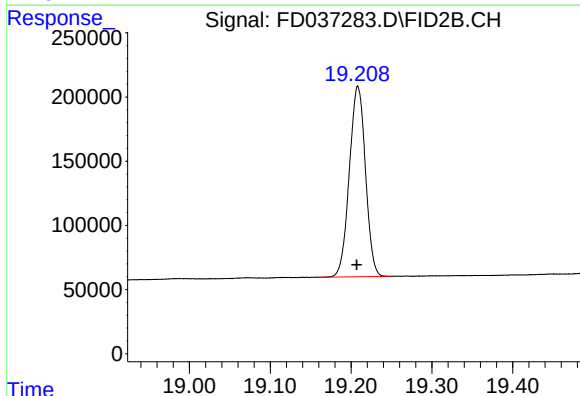
#17 n-Tricontane (C30)

R.T.: 17.602 min
Delta R.T.: 0.002 min
Response: 2069027
Conc: 21.51 ug/ml



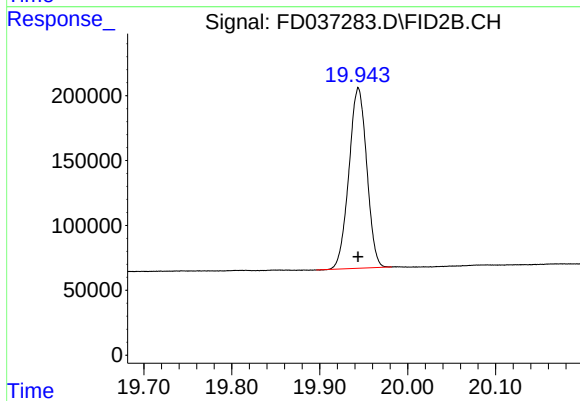
#18 n-Dotriacontane (C32)

R.T.: 18.430 min
Delta R.T.: 0.002 min
Response: 2083087
Conc: 21.18 ug/ml



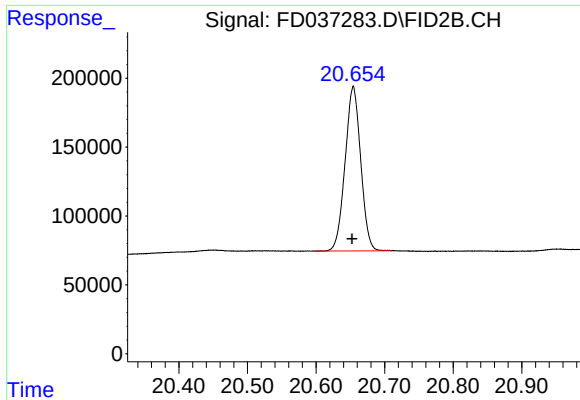
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: 0.001 min
Response: 2056223
Conc: 21.66 ug/ml



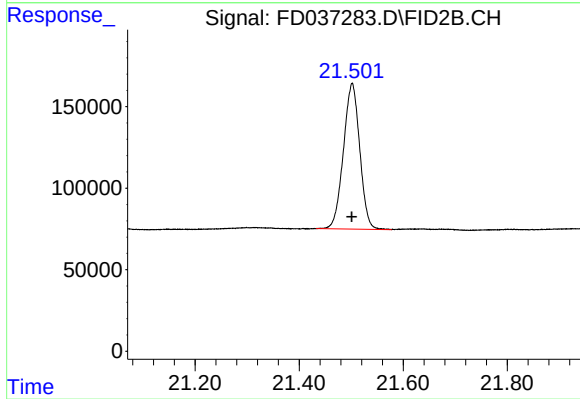
#20 n-Hexatriacontane (C36)

R.T.: 19.944 min
Delta R.T.: 0.000 min
Response: 1960356
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.002 min
Response: 1884907
Conc: 21.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: 0.001 min
Response: 1944524
Conc: 20.27 ug/ml