

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012720AL\
 Data File : FD032169.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jan 2020 13:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 28 04:34:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 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)	11.535	2700185	19.546 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
12) S 1-chlorooctadecane (S...	12.965	2078611	19.082 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.333	2546151	21.663 ug/ml
2) T n-Decane (C10)	4.396	2566643	21.787 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2871774	21.707 ug/ml
4) T n-Dodecane (C12)	6.406	2593292	21.790 ug/ml
5) T A~2-methylnaphthalene...	7.025	2874821	21.448 ug/ml
6) T n-Tetradecane (C14)	8.192	2589626	21.337 ug/ml
7) T n-Hexadecane (C16)	9.785	2580214	20.818 ug/ml
8) T n-Octadecane (C18)	11.220	2555050	20.233 ug/ml
10) T n-Eicosane (C20)	12.523	2511673	19.684 ug/ml
11) T n-Heneicosane (C21)	13.132	2494923	19.369 ug/ml
13) T n-Docosane (C22)	13.716	2546530	19.795 ug/ml
14) T n-Tetracosane (C24)	14.815	2665031	20.523 ug/ml
15) T n-Hexacosane (C26)	15.832	2681774	20.807 ug/ml
16) T n-Octacosane (C28)	16.778	2691011	21.112 ug/ml
17) T n-Tricontane (C30)	17.661	2668225	21.765 ug/ml
18) T n-Dotriacontane (C32)	18.490	2308282	22.050 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1841371	20.822 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1606788	20.388 ug/ml
21) T n-Octatriacontane (C38)	20.723	1467506	19.902 ug/ml
22) T n-Tetracontane (C40)	21.593	1481422	19.573 ug/ml

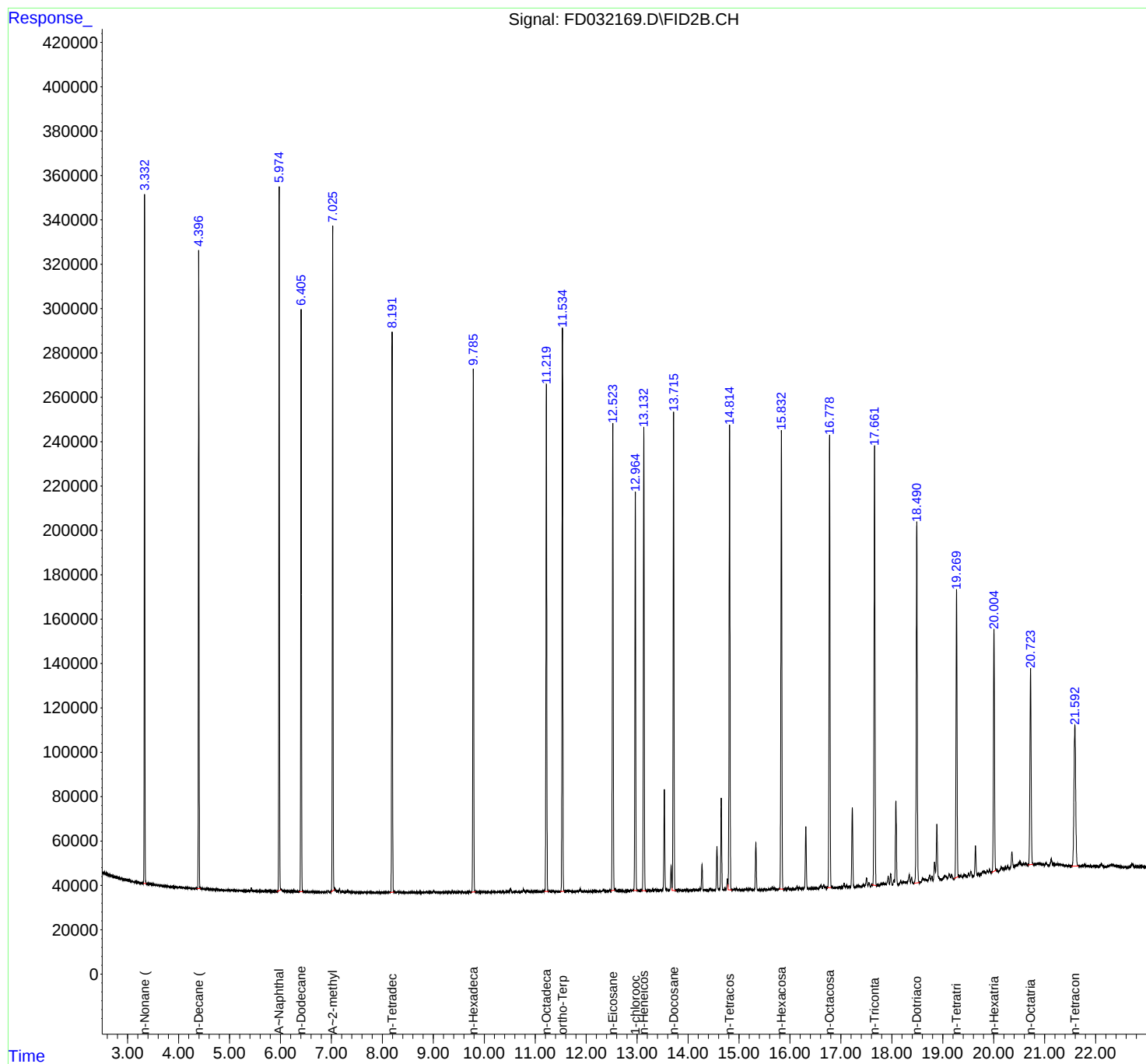
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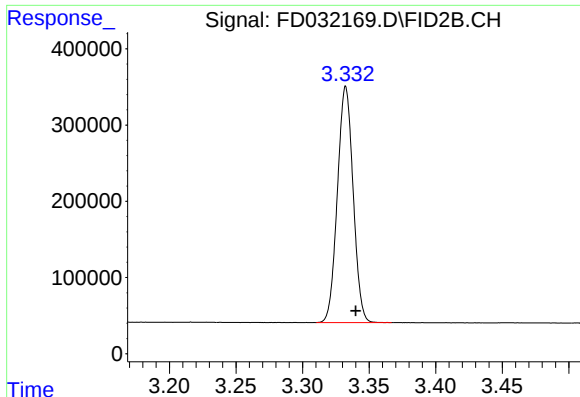
(m)=manual int.

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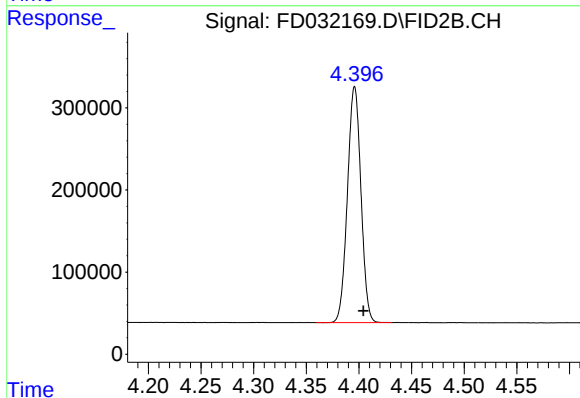
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





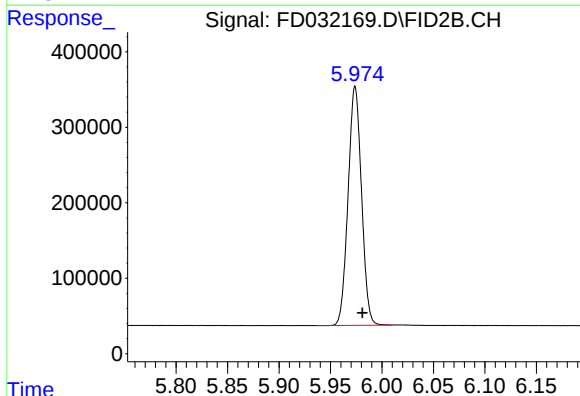
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.007 min
Response: 2546151
Conc: 21.66 ug/ml



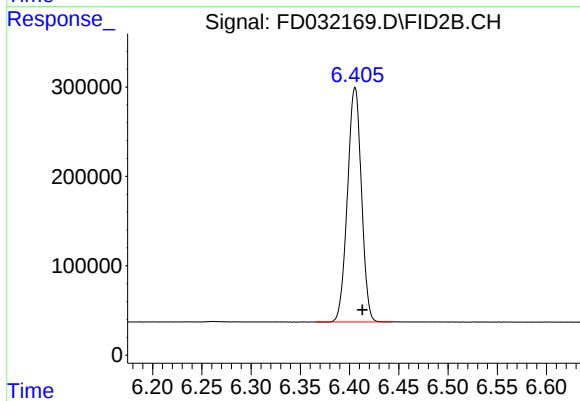
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.008 min
Response: 2566643
Conc: 21.79 ug/ml



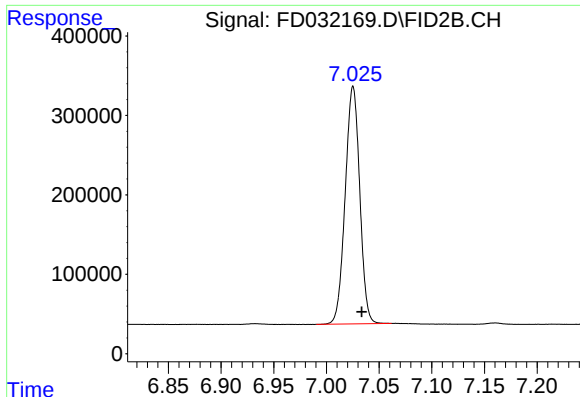
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 2871774
Conc: 21.71 ug/ml



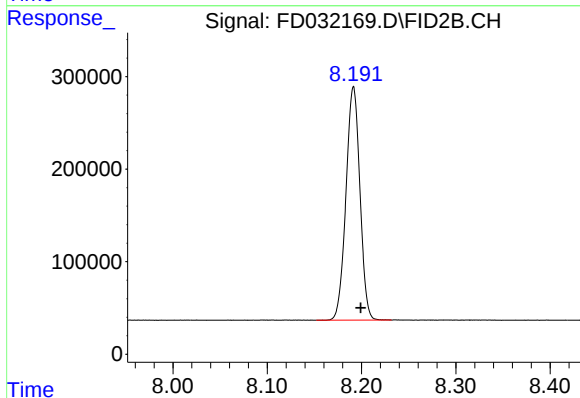
#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 2593292
Conc: 21.79 ug/ml



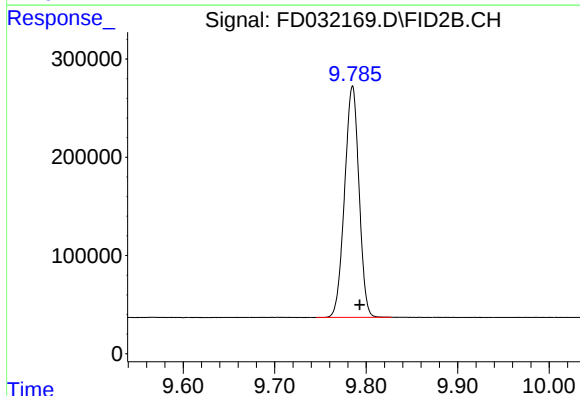
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.008 min
Response: 2874821
Conc: 21.45 ug/ml



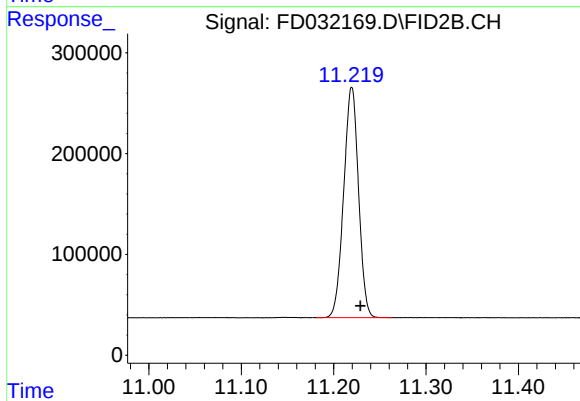
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.008 min
Response: 2589626
Conc: 21.34 ug/ml



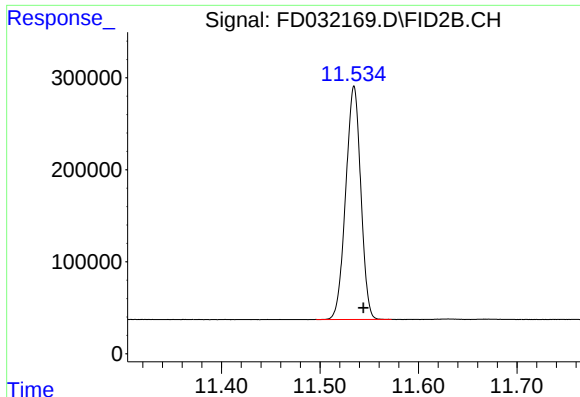
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.008 min
Response: 2580214
Conc: 20.82 ug/ml



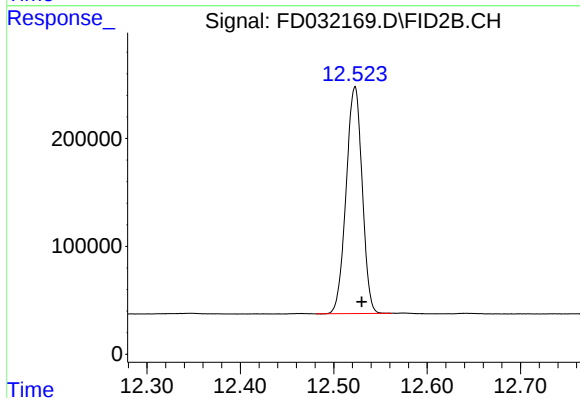
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.009 min
Response: 2555050
Conc: 20.23 ug/ml



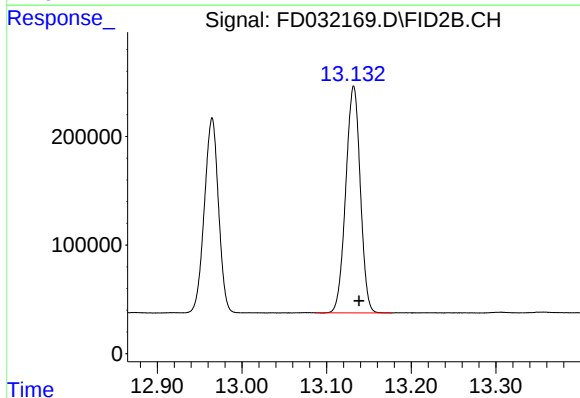
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.010 min
Response: 2700185
Conc: 19.55 ug/ml



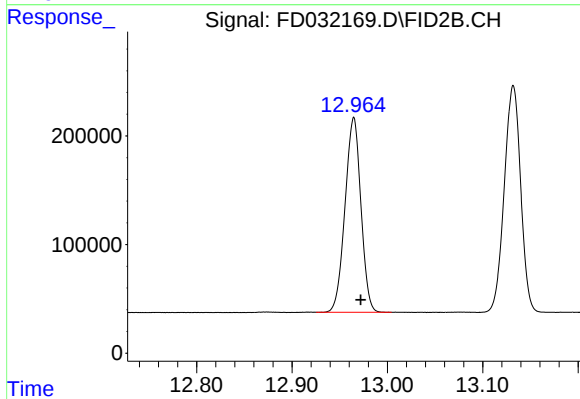
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.007 min
Response: 2511673
Conc: 19.68 ug/ml



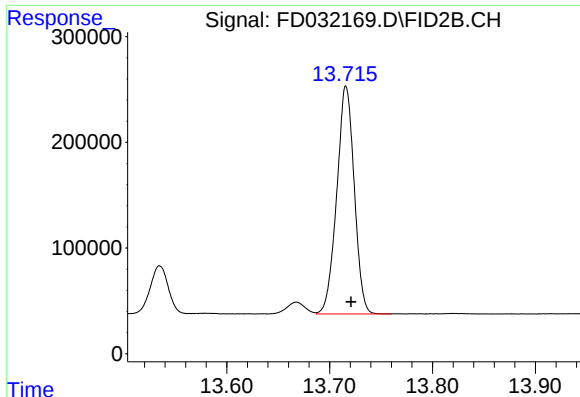
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.006 min
Response: 2494923
Conc: 19.37 ug/ml



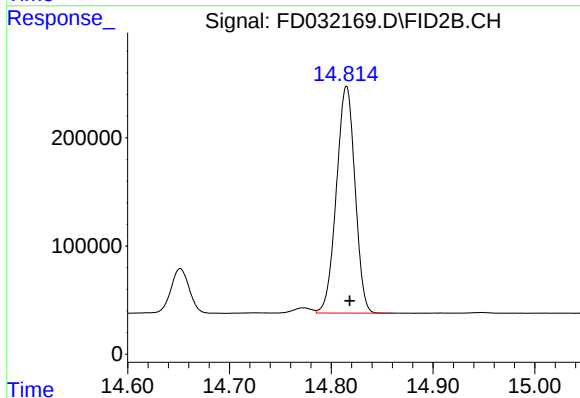
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: -0.007 min
Response: 2078611
Conc: 19.08 ug/ml



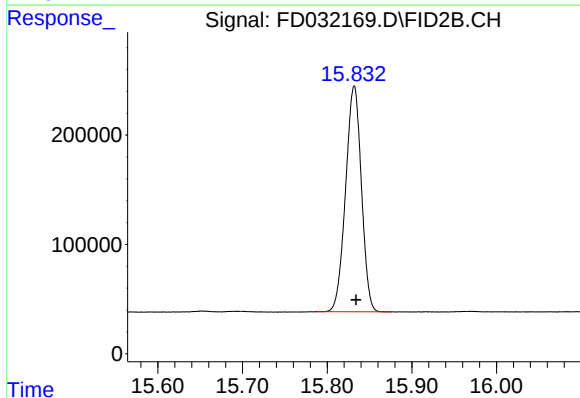
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.005 min
Response: 2546530
Conc: 19.79 ug/ml



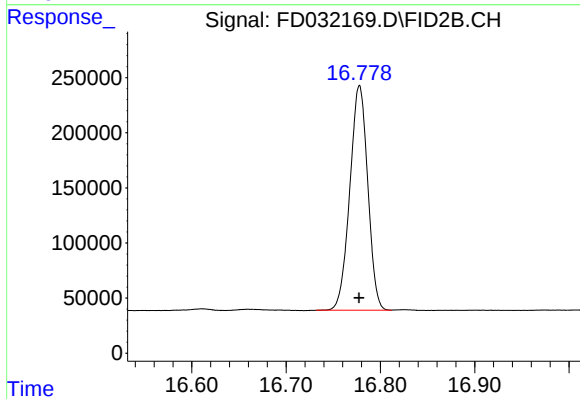
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 2665031
Conc: 20.52 ug/ml



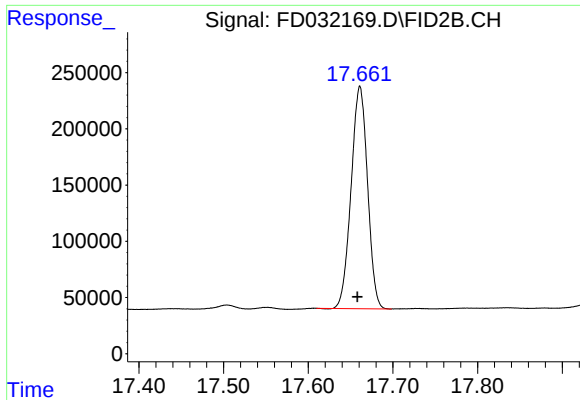
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 2681774
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: 0.000 min
Response: 2691011
Conc: 21.11 ug/ml



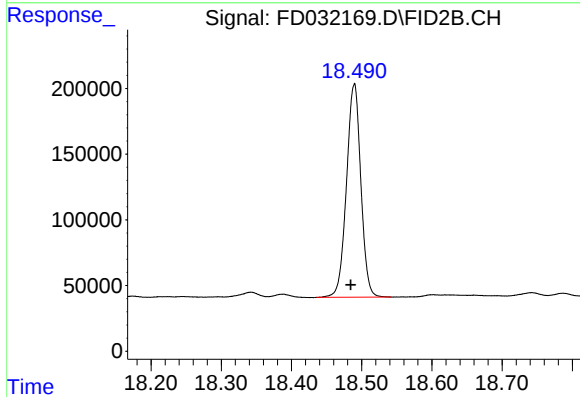
#17 n-Tricontane (C30)

R.T.: 17.661 min

Delta R.T.: 0.003 min

Response: 2668225

Conc: 21.77 ug/ml



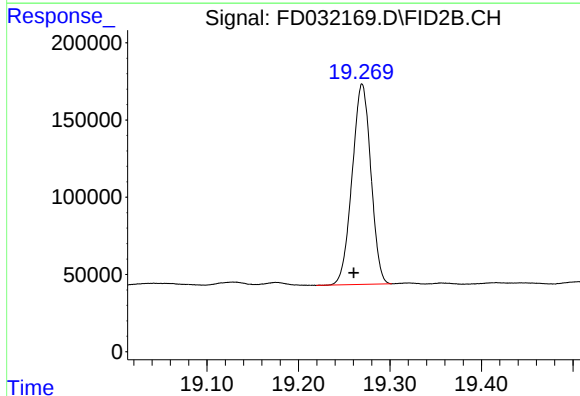
#18 n-Dotriacontane (C32)

R.T.: 18.490 min

Delta R.T.: 0.005 min

Response: 2308282

Conc: 22.05 ug/ml



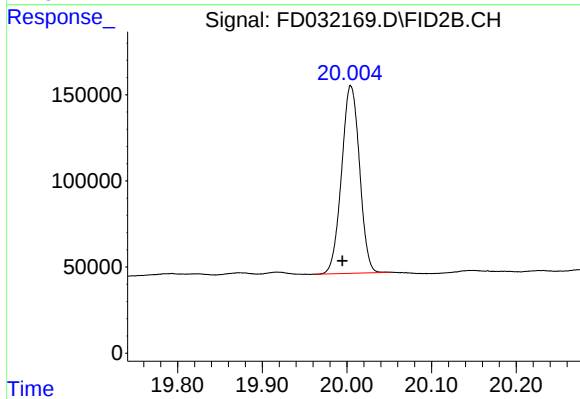
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min

Delta R.T.: 0.009 min

Response: 1841371

Conc: 20.82 ug/ml



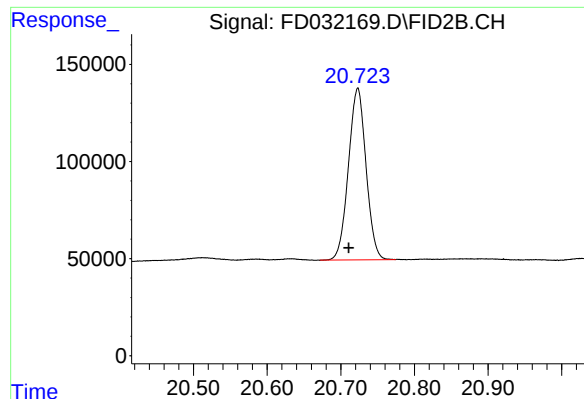
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min

Delta R.T.: 0.010 min

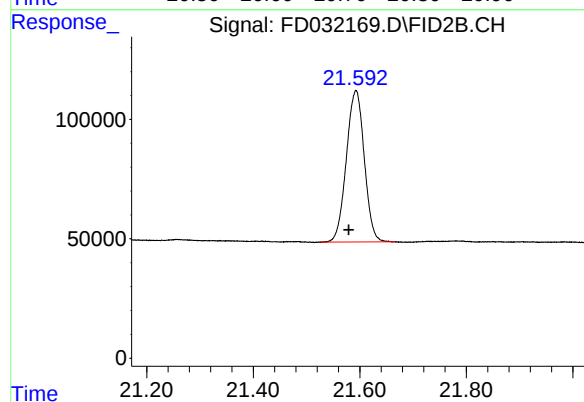
Response: 1606788

Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.012 min
Response: 1467506
Conc: 19.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.014 min
Response: 1481422
Conc: 19.57 ug/ml