

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033121AL\
 Data File : FD036672.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2021 14:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 01:06:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.489	3019518	20.378 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.921	2313880	19.882 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.291	2708517	21.308 ug/ml
2) T n-Decane (C10)	4.352	2764320	21.453 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3101914	21.245 ug/ml
4) T n-Dodecane (C12)	6.362	2842288	21.441 ug/ml
5) T A~2-methylnaphthalene...	6.977	3166162	21.146 ug/ml
6) T n-Tetradecane (C14)	8.149	2859806	21.040 ug/ml
7) T n-Hexadecane (C16)	9.742	2795436	20.991 ug/ml
8) T n-Octadecane (C18)	11.178	2863770	20.674 ug/ml
10) T n-Eicosane (C20)	12.480	2796799	20.232 ug/ml
11) T n-Heneicosane (C21)	13.089	2735486	19.869 ug/ml
13) T n-Docosane (C22)	13.673	2701528	19.861 ug/ml
14) T n-Tetracosane (C24)	14.769	2635593	19.879 ug/ml
15) T n-Hexacosane (C26)	15.784	2474443	19.543 ug/ml
16) T n-Octacosane (C28)	16.727	2357994	19.552 ug/ml
17) T n-Tricontane (C30)	17.609	2263090	19.700 ug/ml
18) T n-Dotriacontane (C32)	18.434	2163640	19.671 ug/ml
19) T n-Tetratriacontane (C34)	19.213	2080132	20.254 ug/ml
20) T n-Hexatriacontane (C36)	19.947	1993515	20.403 ug/ml
21) T n-Octatriacontane (C38)	20.656	1940207	20.985 ug/ml
22) T n-Tetracontane (C40)	21.503	2028919	20.115 ug/ml

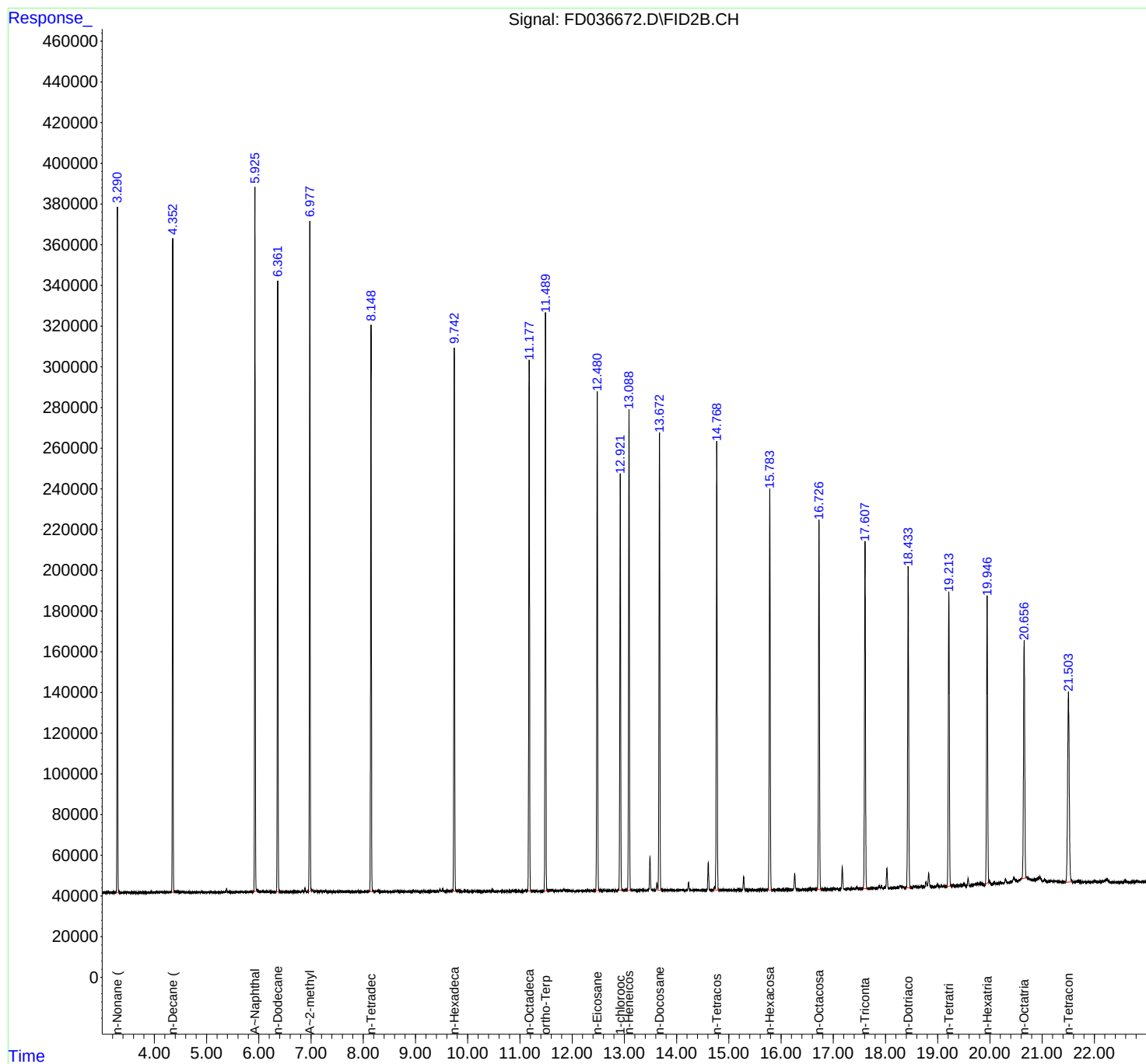
(f)=RT Delta > 1/2 Window

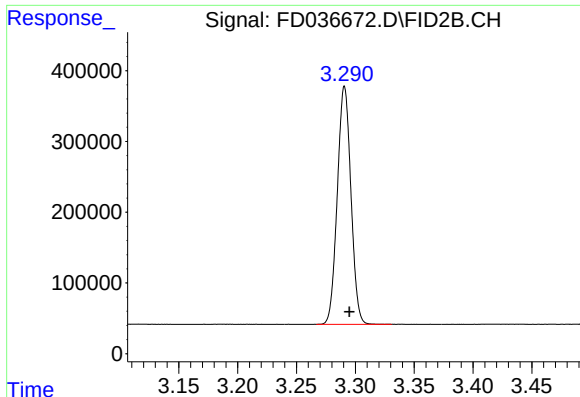
(m)=manual int.

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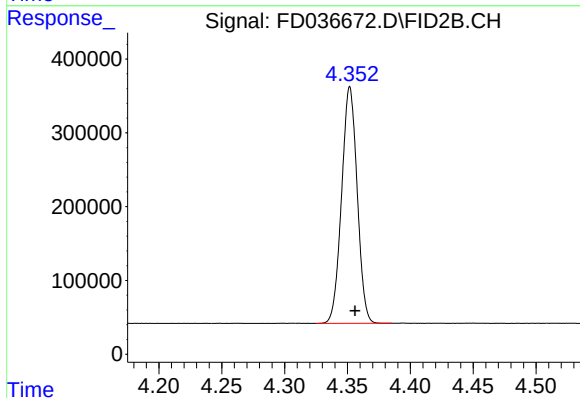
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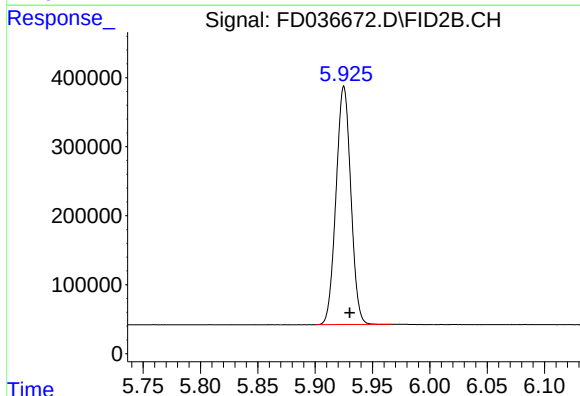
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 2708517
Conc: 21.31 ug/ml



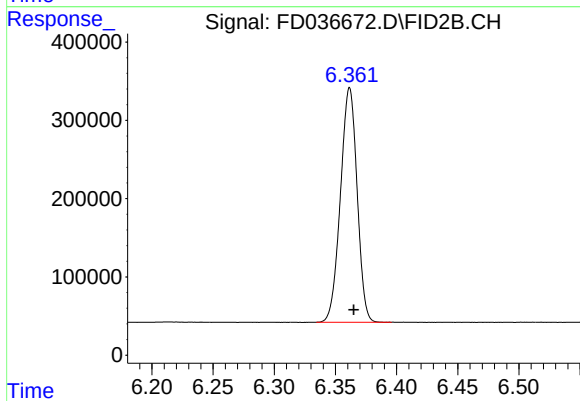
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 2764320
Conc: 21.45 ug/ml



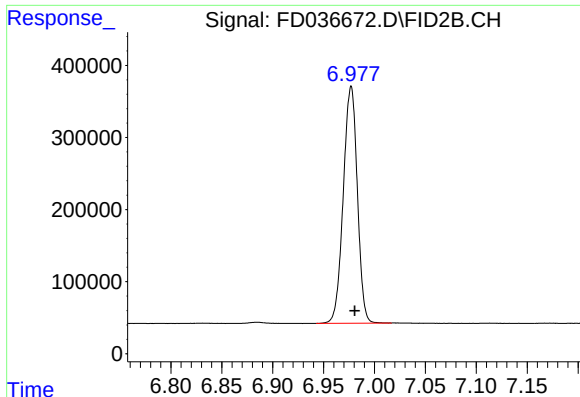
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.005 min
Response: 3101914
Conc: 21.25 ug/ml



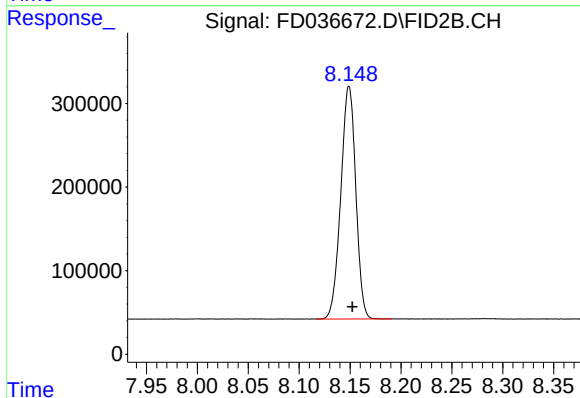
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 2842288
Conc: 21.44 ug/ml



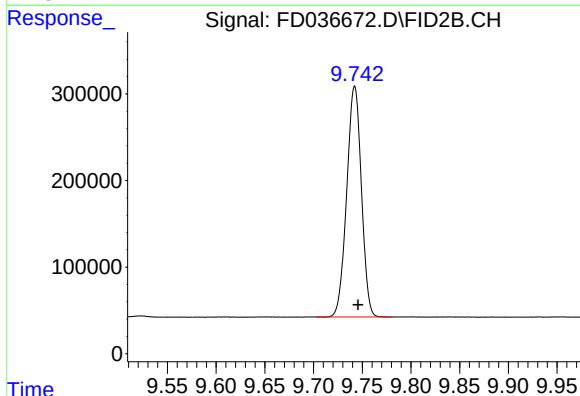
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.004 min
Response: 3166162
Conc: 21.15 ug/ml



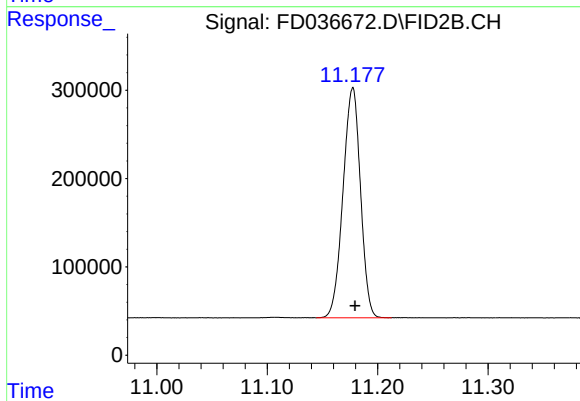
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 2859806
Conc: 21.04 ug/ml



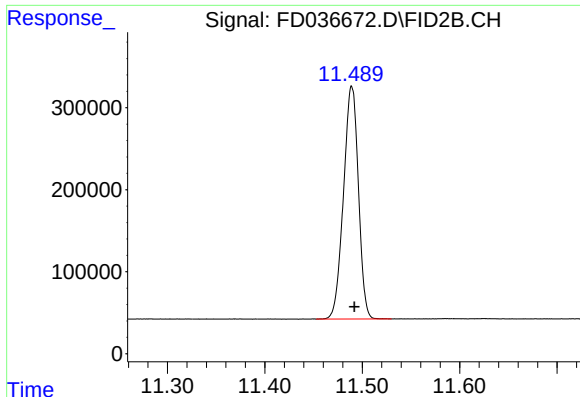
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.003 min
Response: 2795436
Conc: 20.99 ug/ml



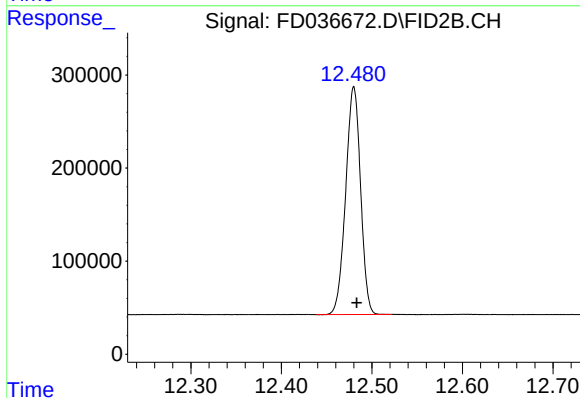
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.002 min
Response: 2863770
Conc: 20.67 ug/ml



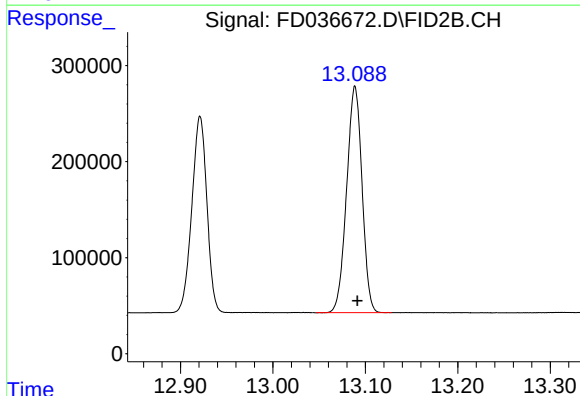
#9 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.003 min
Response: 3019518
Conc: 20.38 ug/ml



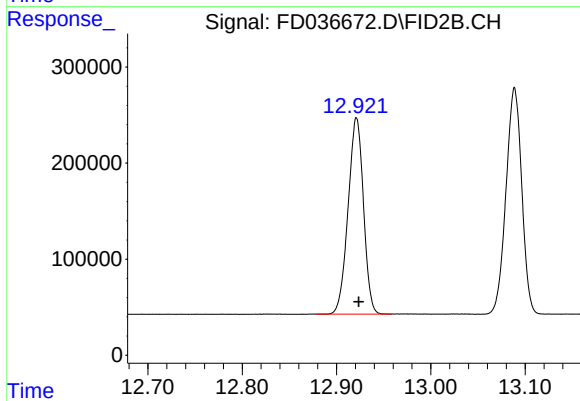
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: -0.003 min
Response: 2796799
Conc: 20.23 ug/ml



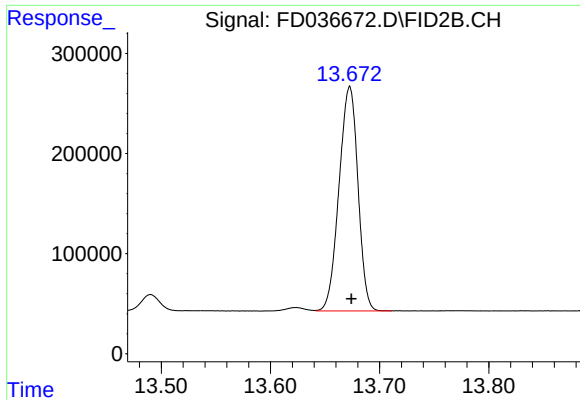
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: -0.003 min
Response: 2735486
Conc: 19.87 ug/ml



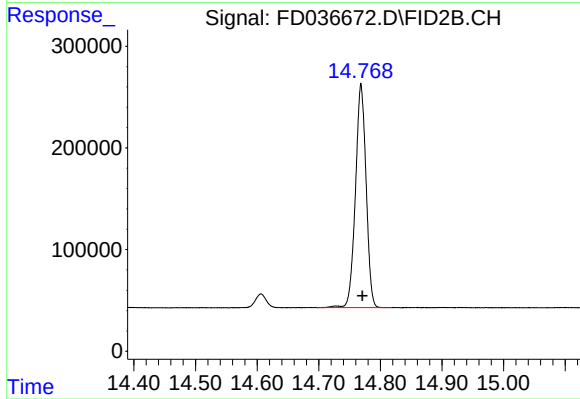
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.002 min
Response: 2313880
Conc: 19.88 ug/ml



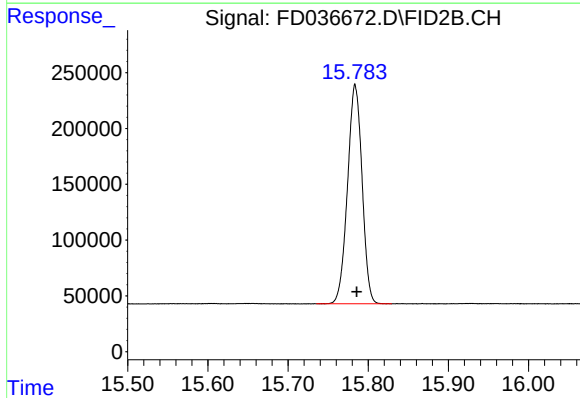
#13 n-Docosane (C22)

R.T.: 13.673 min
Delta R.T.: -0.001 min
Response: 2701528
Conc: 19.86 ug/ml



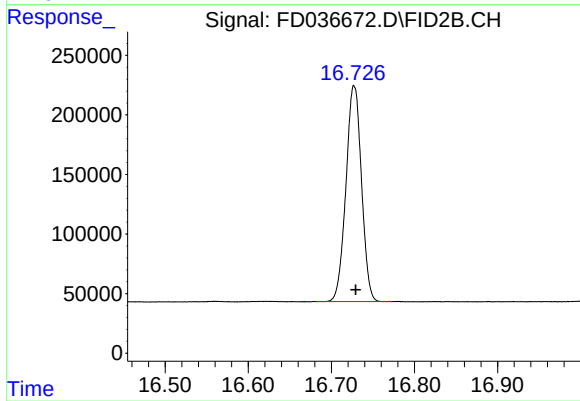
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: -0.002 min
Response: 2635593
Conc: 19.88 ug/ml



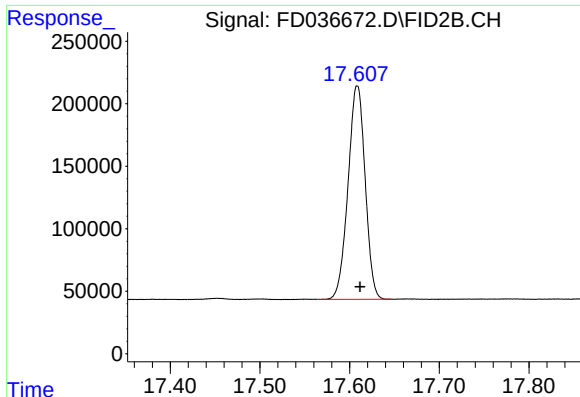
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.002 min
Response: 2474443
Conc: 19.54 ug/ml



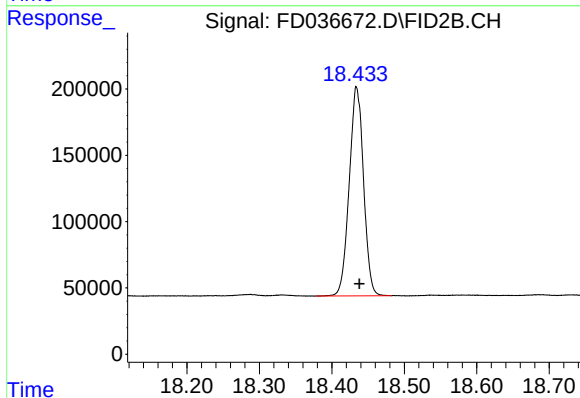
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 2357994
Conc: 19.55 ug/ml



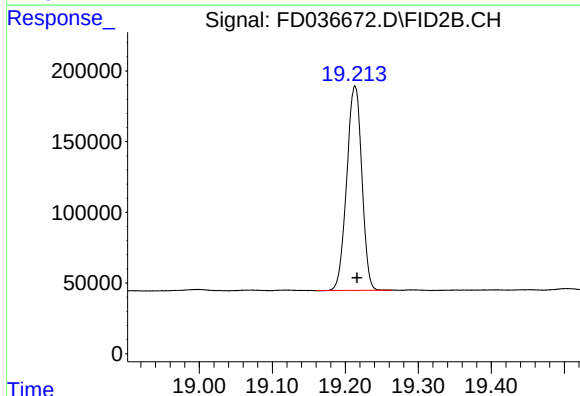
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: -0.003 min
Response: 2263090
Conc: 19.70 ug/ml



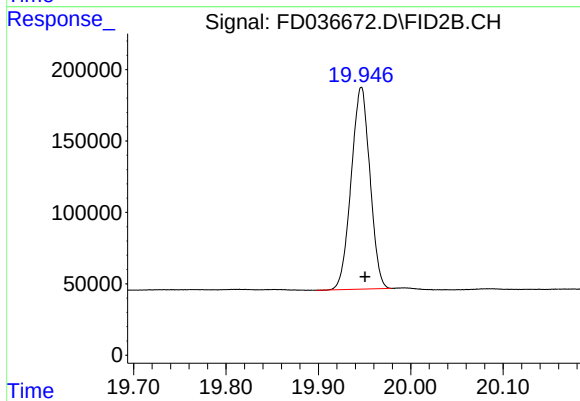
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 2163640
Conc: 19.67 ug/ml



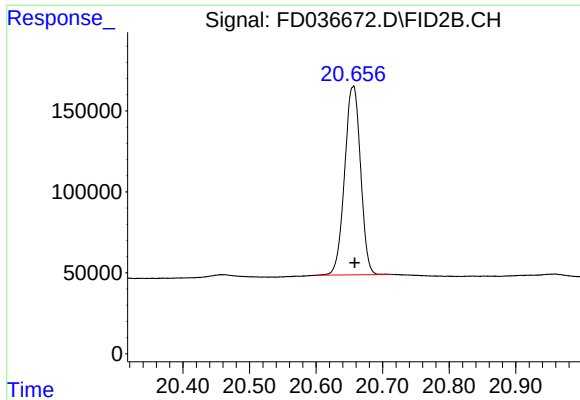
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: -0.003 min
Response: 2080132
Conc: 20.25 ug/ml



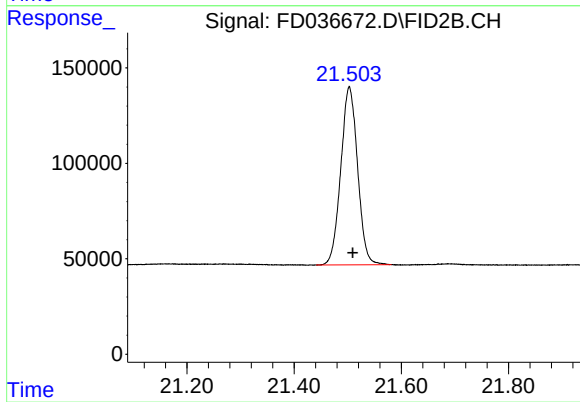
#20 n-Hexatriacontane (C36)

R.T.: 19.947 min
Delta R.T.: -0.004 min
Response: 1993515
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.002 min
Response: 1940207
Conc: 20.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.503 min
Delta R.T.: -0.006 min
Response: 2028919
Conc: 20.12 ug/ml