

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041921AL\
 Data File : FD036991.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2021 11:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 04:24:48 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)	11.482	2584143	17.440 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
12) S 1-chlorooctadecane (S...	12.915	1959514	16.837 ug/ml
Spiked Amount 50.000		Recovery =	33.67%
Target Compounds			
1) T n-Nonane (C9)	3.282	2646978	20.823 ug/ml
2) T n-Decane (C10)	4.343	2678425	20.787 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2925132	20.035 ug/ml
4) T n-Dodecane (C12)	6.353	2720622	20.523 ug/ml
5) T A~2-methylnaphthalene...	6.969	2926256	19.544 ug/ml
6) T n-Tetradecane (C14)	8.141	2675544	19.684 ug/ml
7) T n-Hexadecane (C16)	9.735	2554084	19.178 ug/ml
8) T n-Octadecane (C18)	11.171	2550355	18.412 ug/ml
10) T n-Eicosane (C20)	12.474	2428558	17.568 ug/ml
11) T n-Heneicosane (C21)	13.083	2362029	17.157 ug/ml
13) T n-Docosane (C22)	13.666	2292691	16.855 ug/ml
14) T n-Tetracosane (C24)	14.764	2180516	16.447 ug/ml
15) T n-Hexacosane (C26)	15.779	2077219	16.406 ug/ml
16) T n-Octacosane (C28)	16.724	2028090	16.816 ug/ml
17) T n-Tricontane (C30)	17.607	2004707	17.451 ug/ml
18) T n-Dotriacontane (C32)	18.435	1979922	18.001 ug/ml
19) T n-Tetratriacontane (C34)	19.213	1988520	19.362 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1953711	19.996 ug/ml
21) T n-Octatriacontane (C38)	20.658	1910607	20.665 ug/ml
22) T n-Tetracontane (C40)	21.508	1977183	19.602 ug/ml

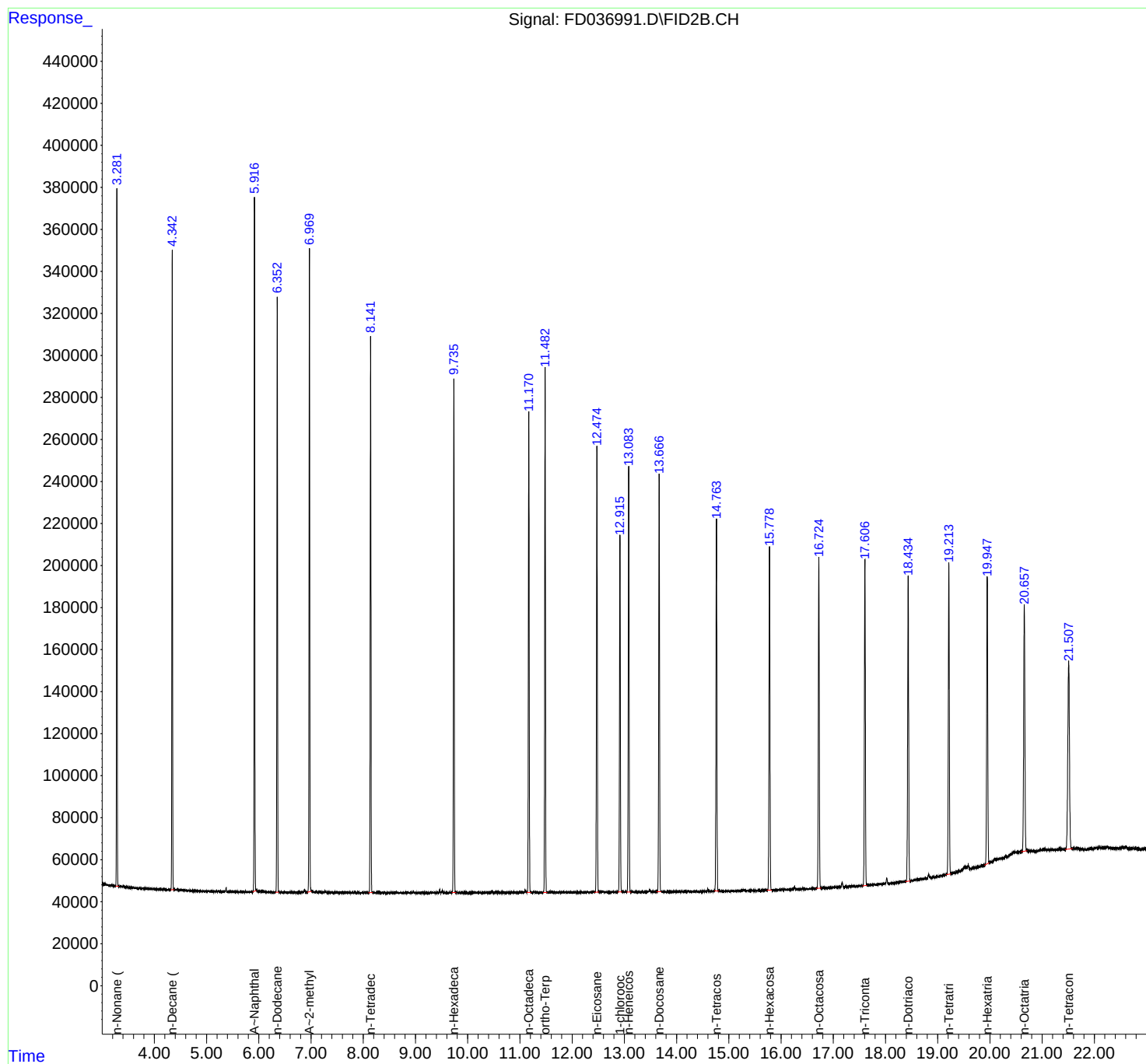
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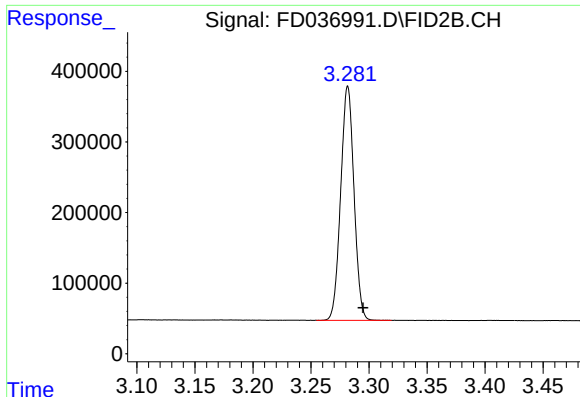
(m)=manual int.

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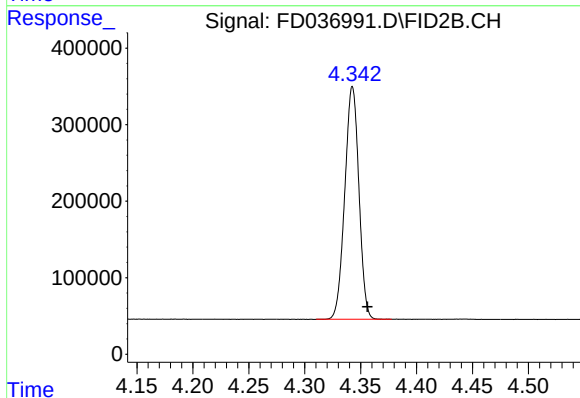
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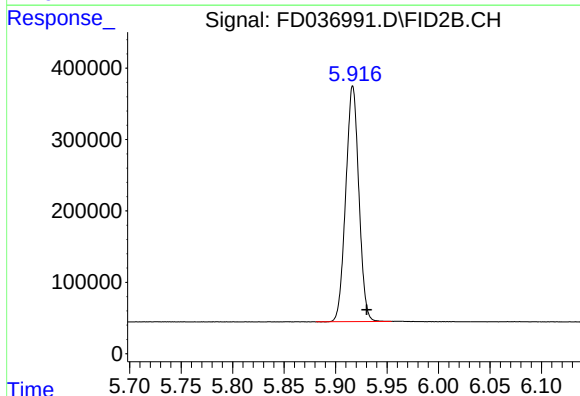
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2646978
Conc: 20.82 ug/ml



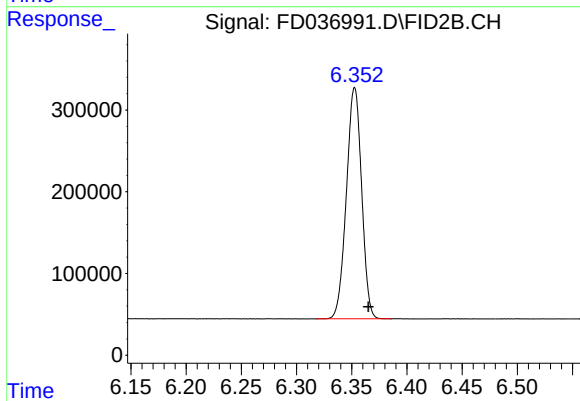
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.013 min
Response: 2678425
Conc: 20.79 ug/ml



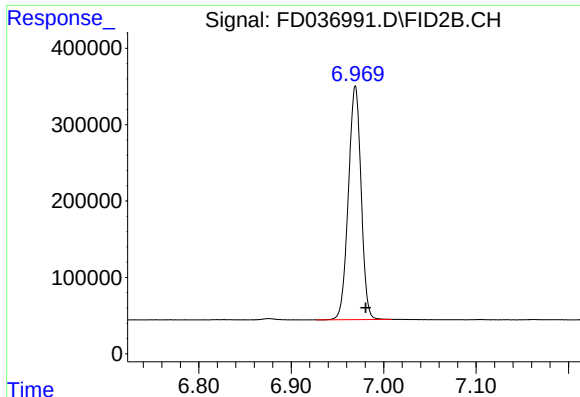
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: -0.013 min
Response: 2925132
Conc: 20.03 ug/ml



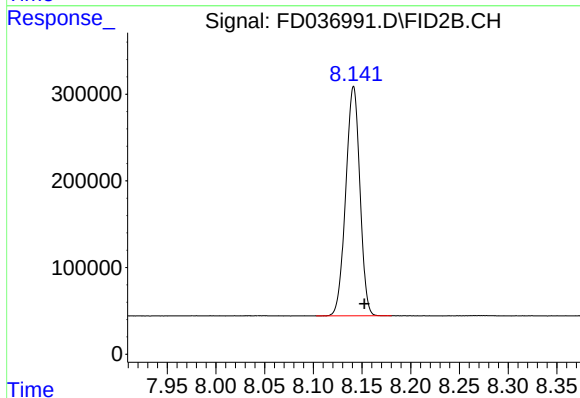
#4 n-Dodecane (C12)

R.T.: 6.353 min
Delta R.T.: -0.012 min
Response: 2720622
Conc: 20.52 ug/ml



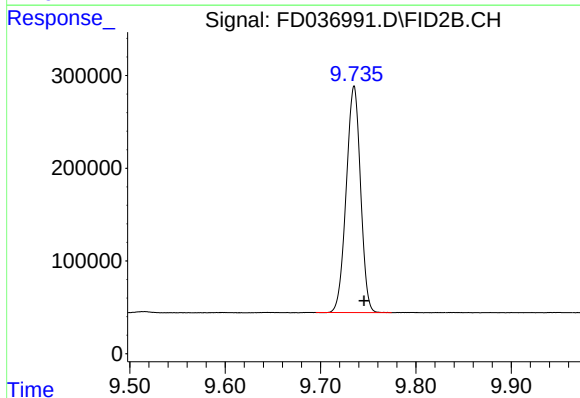
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.011 min
Response: 2926256
Conc: 19.54 ug/ml



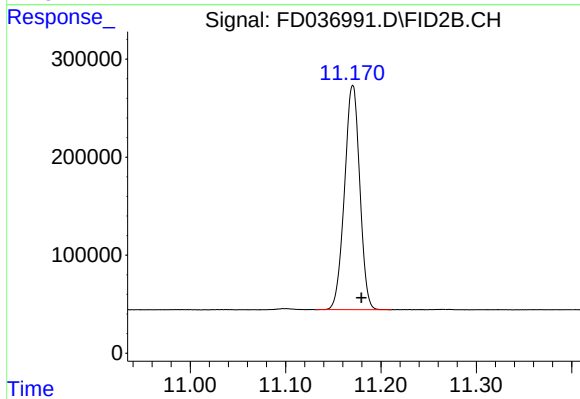
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.011 min
Response: 2675544
Conc: 19.68 ug/ml



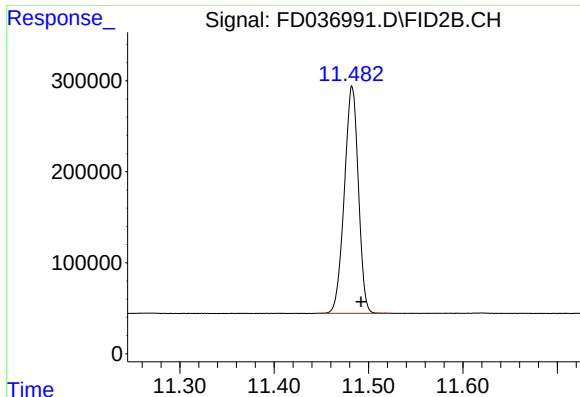
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: -0.010 min
Response: 2554084
Conc: 19.18 ug/ml



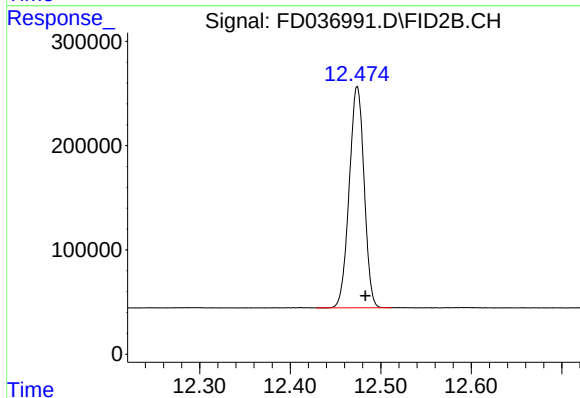
#8 n-Octadecane (C18)

R.T.: 11.171 min
Delta R.T.: -0.009 min
Response: 2550355
Conc: 18.41 ug/ml



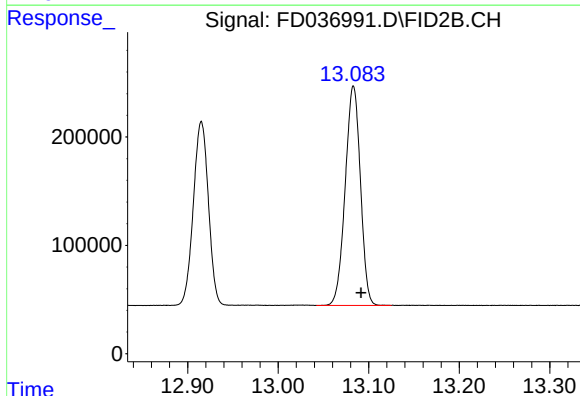
#9 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: -0.010 min
Response: 2584143
Conc: 17.44 ug/ml



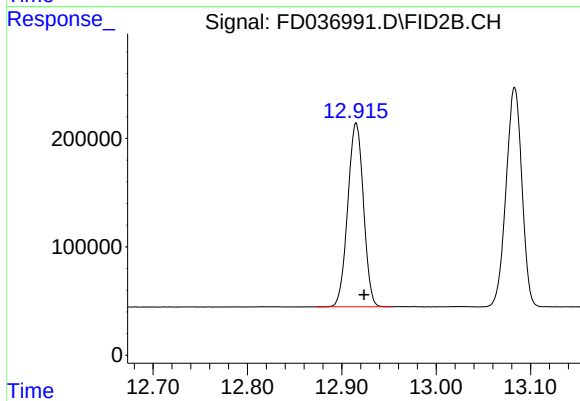
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: -0.009 min
Response: 2428558
Conc: 17.57 ug/ml



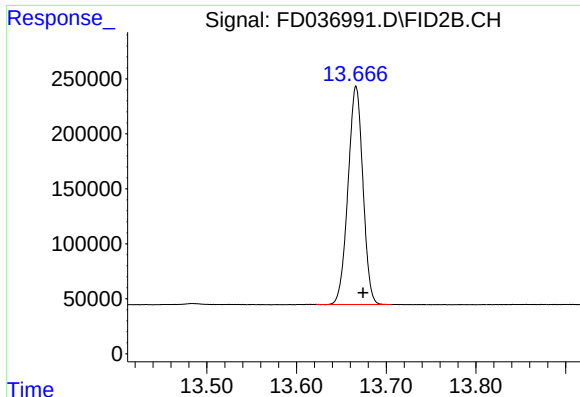
#11 n-Heneicosane (C21)

R.T.: 13.083 min
Delta R.T.: -0.008 min
Response: 2362029
Conc: 17.16 ug/ml



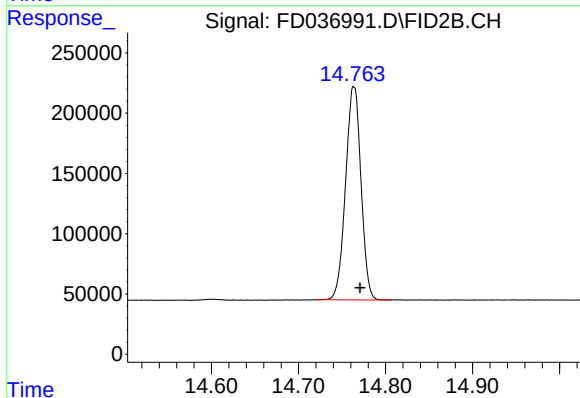
#12 1-chlorooctadecane (SURR)

R.T.: 12.915 min
Delta R.T.: -0.009 min
Response: 1959514
Conc: 16.84 ug/ml



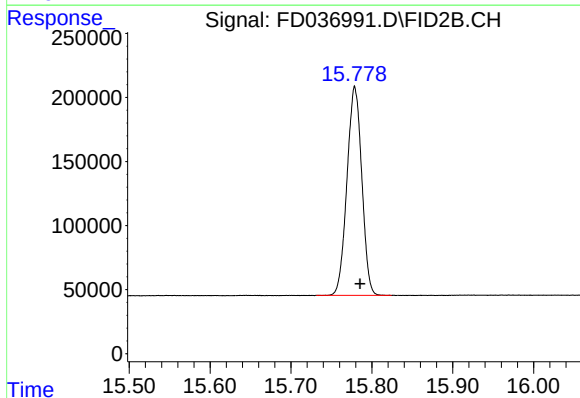
#13 n-Docosane (C22)

R.T.: 13.666 min
Delta R.T.: -0.008 min
Response: 2292691
Conc: 16.86 ug/ml



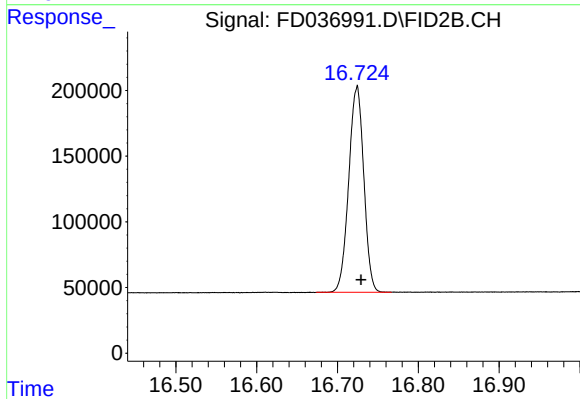
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: -0.007 min
Response: 2180516
Conc: 16.45 ug/ml



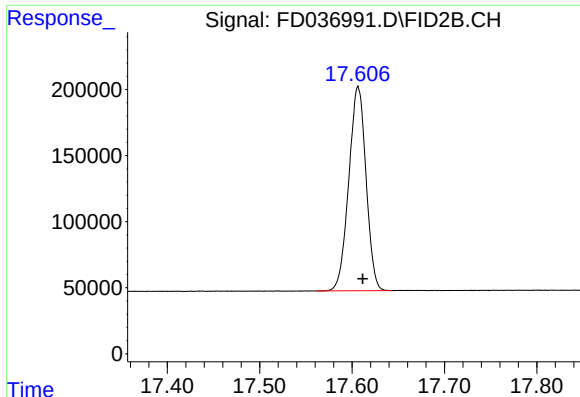
#15 n-Hexacosane (C26)

R.T.: 15.779 min
Delta R.T.: -0.007 min
Response: 2077219
Conc: 16.41 ug/ml



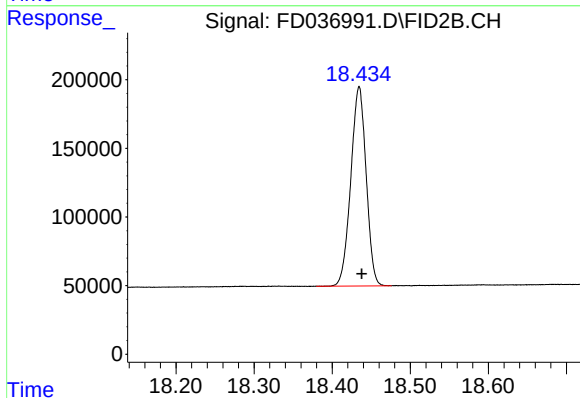
#16 n-Octacosane (C28)

R.T.: 16.724 min
Delta R.T.: -0.005 min
Response: 2028090
Conc: 16.82 ug/ml



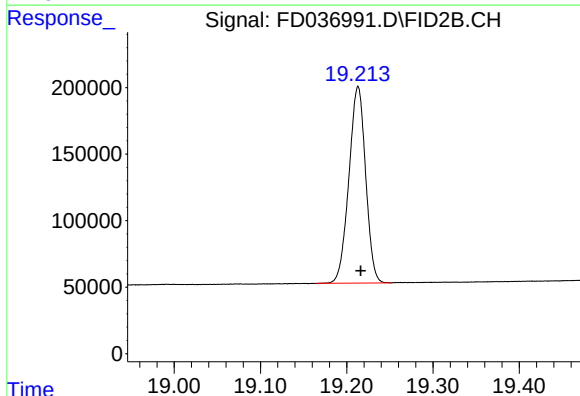
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: -0.005 min
Response: 2004707
Conc: 17.45 ug/ml



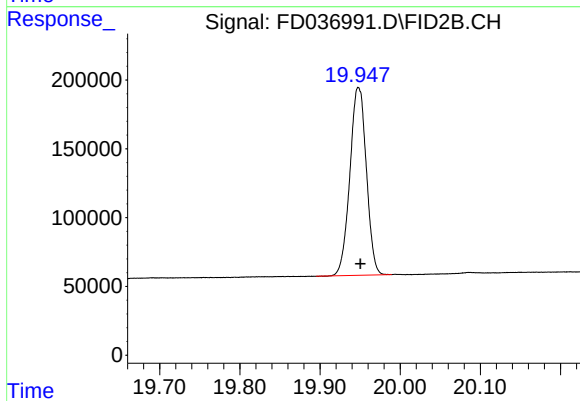
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: -0.003 min
Response: 1979922
Conc: 18.00 ug/ml



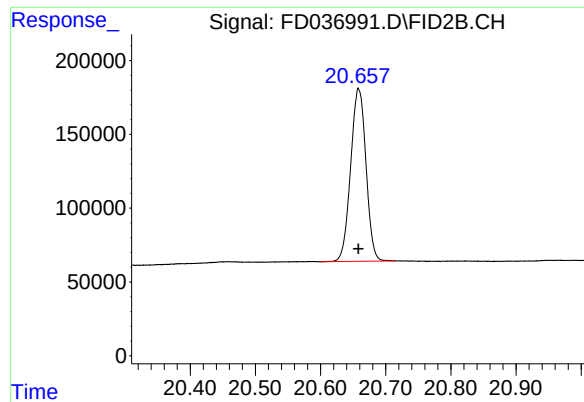
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: -0.003 min
Response: 1988520
Conc: 19.36 ug/ml



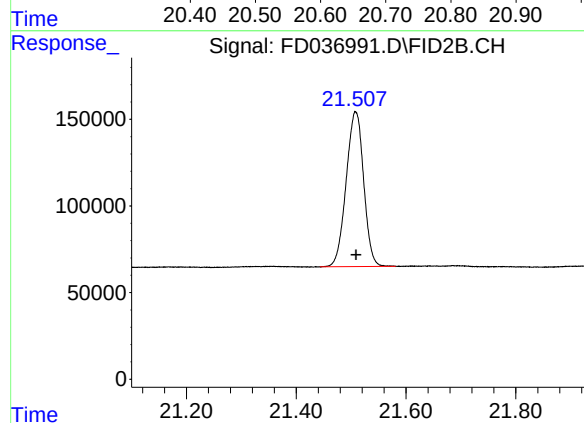
#20 n-Hexatriacontane (C36)

R.T.: 19.948 min
Delta R.T.: -0.002 min
Response: 1953711
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.000 min
Response: 1910607
Conc: 20.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.001 min
Response: 1977183
Conc: 19.60 ug/ml