

Data Path : P:\HPCHEM1\FID D\Data\FD022718AL\
 Data File : FD020166.D
 Signal(s) : FID2B.CH
 Acq On : 27 Feb 2018 22:41
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 07:04:39 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 020818.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 07:13:17 2018
 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)	11.226	2235738	22.803 ug/ml
Spiked Amount 50.000		Recovery =	45.61%
12) S 1-chlorooctadecane (S...	12.665	1731598	23.759 ug/ml
Spiked Amount 50.000		Recovery =	47.52%
Target Compounds			
1) T n-Nonane (C9)	3.063	1940690	22.480 ug/ml
2) T n-Decane (C10)	4.117	2049142	23.747 ug/ml
3) T A-Naphthalene (C11.7)	5.681	2257494	25.745 ug/mlm
4) T n-Dodecane (C12)	6.121	2132926	23.940 ug/ml
5) T A-2-methylnaphthalene...	6.731	2284965	25.439 ug/ml
6) T n-Tetradecane (C14)	7.903	2169628	23.716 ug/ml
7) T n-Hexadecane (C16)	9.492	2166131	23.303 ug/ml
8) T n-Octadecane (C18)	10.925	2107236	22.951 ug/ml
10) T n-Eicosane (C20)	12.226	2115887	23.052 ug/ml
11) T n-Heneicosane (C21)	12.834	2094121	23.173 ug/ml
13) T n-Docosane (C22)	13.417	2109026	23.581 ug/ml
14) T n-Tetracosane (C24)	14.514	2096673	24.104 ug/ml
15) T n-Hexacosane (C26)	15.529	2099583	24.379 ug/ml
16) T n-Octacosane (C28)	16.473	2157490	24.721 ug/ml
17) T n-Tricontane (C30)	17.353	2144876	24.887 ug/mlm
18) T n-Dotriacontane (C32)	18.182	2119000	24.678 ug/mlm
19) T n-Tetratriacontane (C34)	18.962	2018019	24.377 ug/mlm
20) T n-Hexatriacontane (C36)	19.698	1913171	24.308 ug/mlm
21) T n-Octatriacontane (C38)	20.392	1885360	24.994 ug/mlm
22) T n-Tetracontane (C40)	21.168	1823718	26.172 ug/ml

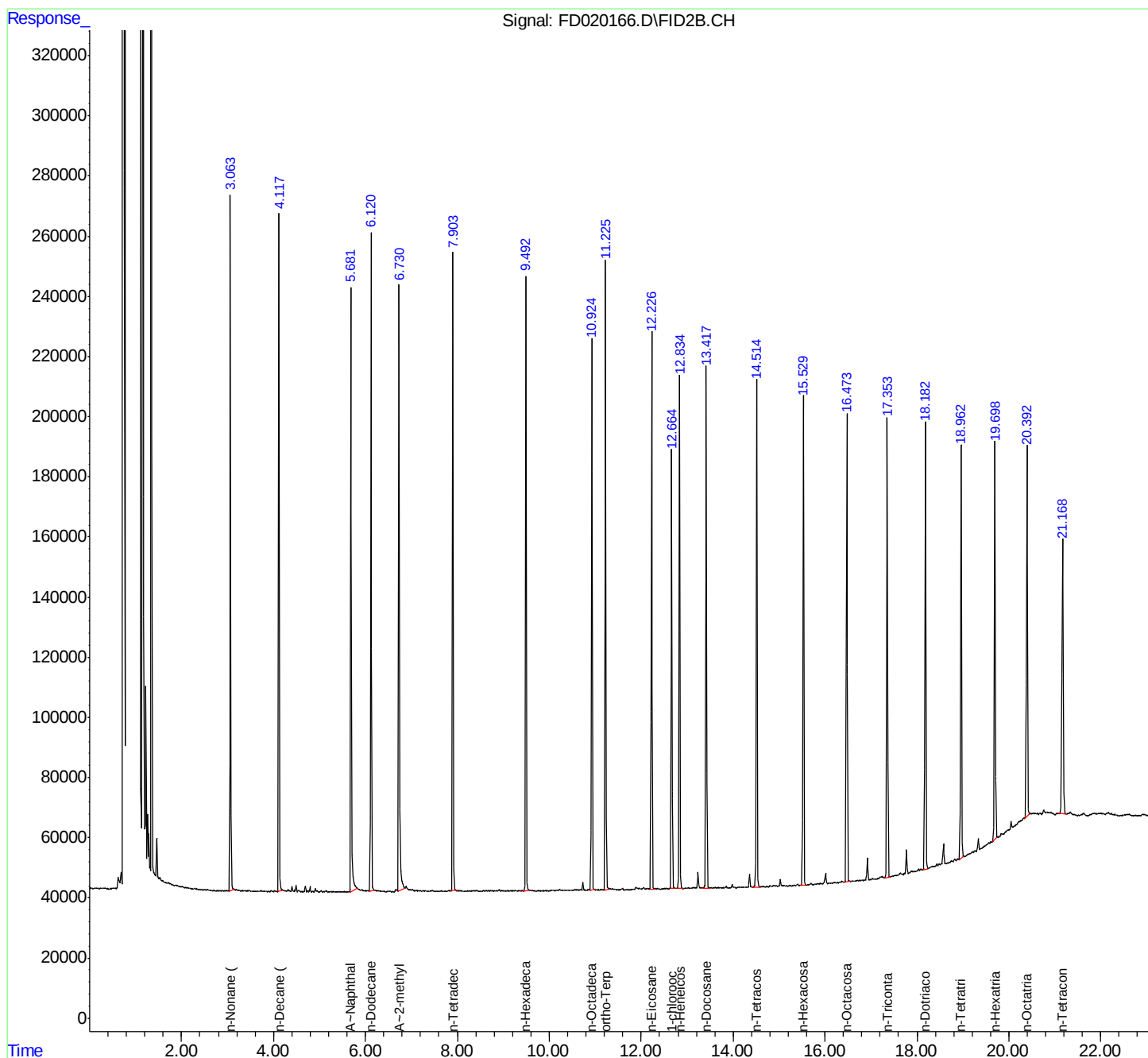
(f)=RT Delta > 1/2 Window

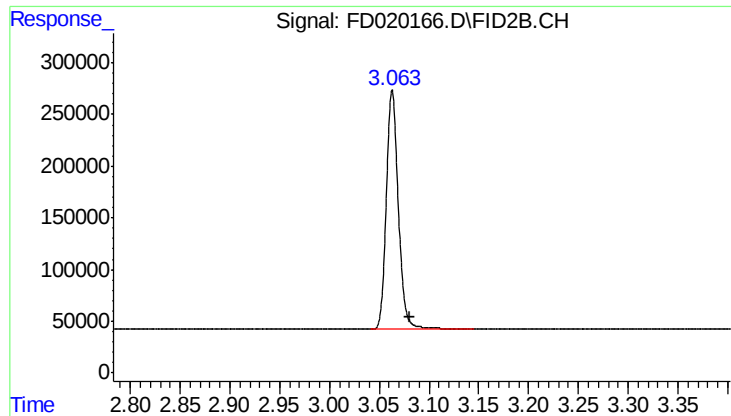
(m)=manual int.

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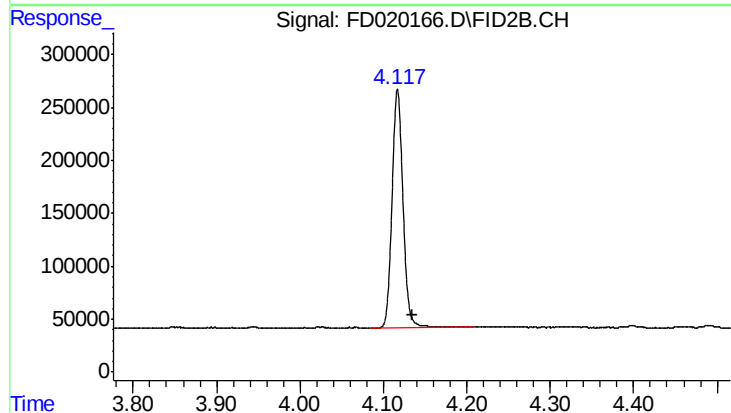
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Signal Info : 20M x 0.18mm x 0.18um





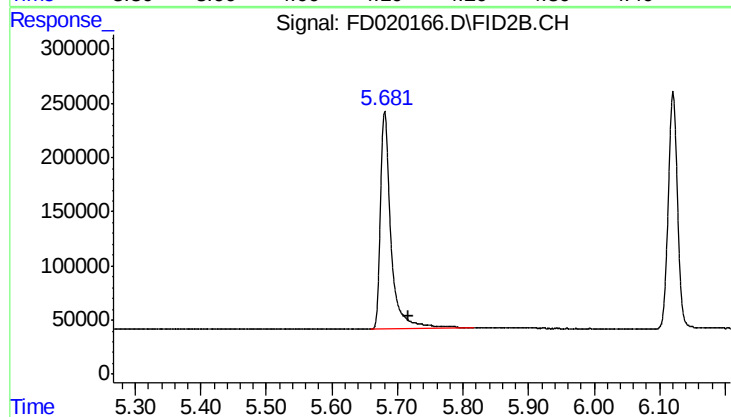
#1 n-Nonane (C9)

R.T.: 3.063 min
Delta R.T.: -0.017 min
Response: 1940690
Conc: 22.48 ug/ml



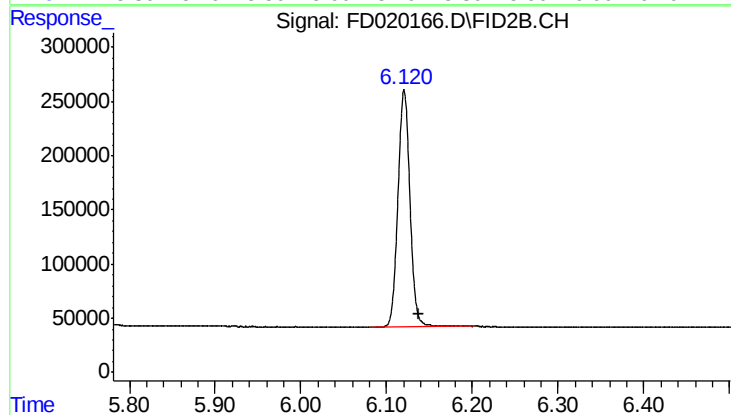
#2 n-Decane (C10)

R.T.: 4.117 min
Delta R.T.: -0.017 min
Response: 2049142
Conc: 23.75 ug/ml



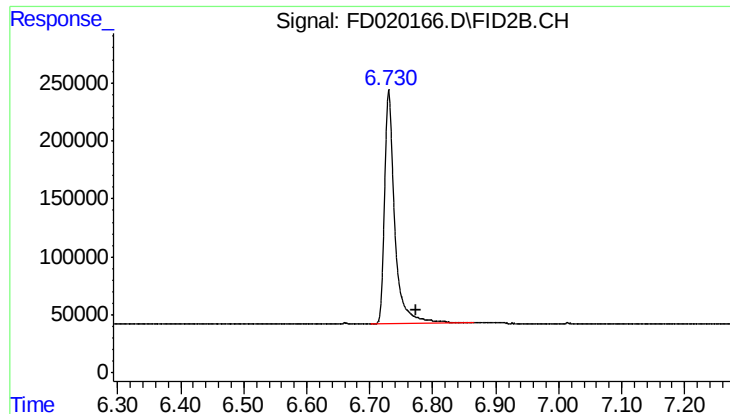
#3 A-Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.037 min
Response: 2257494
Conc: 25.74 ug/ml m



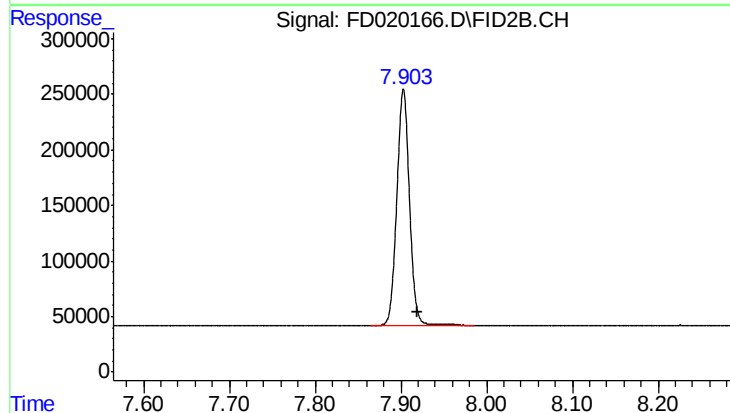
#4 n-Dodecane (C12)

R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 2132926
Conc: 23.94 ug/ml



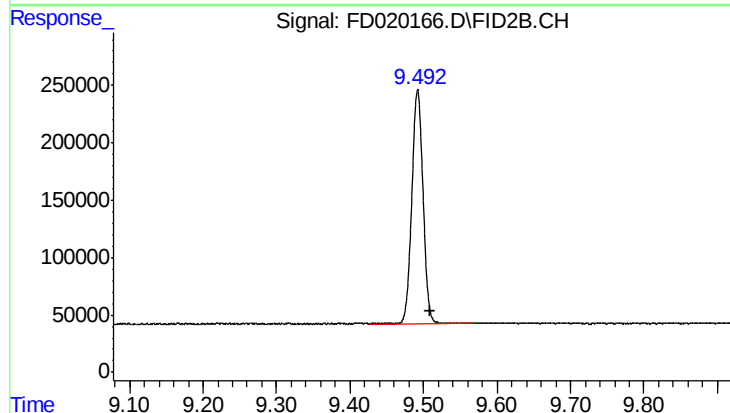
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.043 min
Response: 2284965
Conc: 25.44 ug/ml



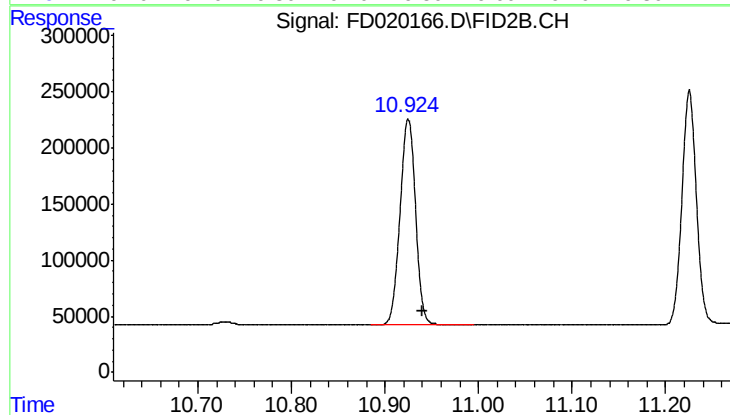
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: -0.016 min
Response: 2169628
Conc: 23.72 ug/ml



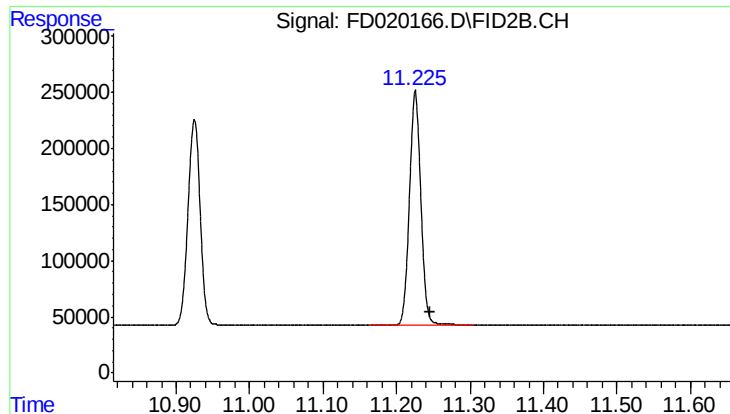
#7 n-Hexadecane (C16)

R.T.: 9.492 min
Delta R.T.: -0.017 min
Response: 2166131
Conc: 23.30 ug/ml



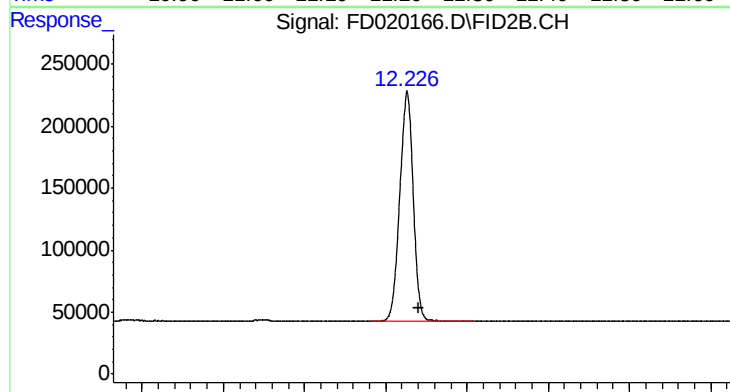
#8 n-Octadecane (C18)

R.T.: 10.925 min
Delta R.T.: -0.016 min
Response: 2107236
Conc: 22.95 ug/ml



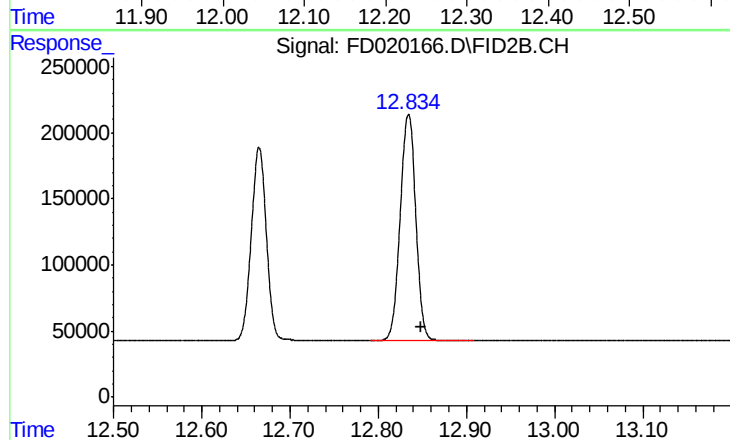
#9 ortho-Terphenyl (SURRE)

R.T.: 11.226 min
Delta R.T.: -0.020 min
Response: 2235738
Conc: 22.80 ug/ml



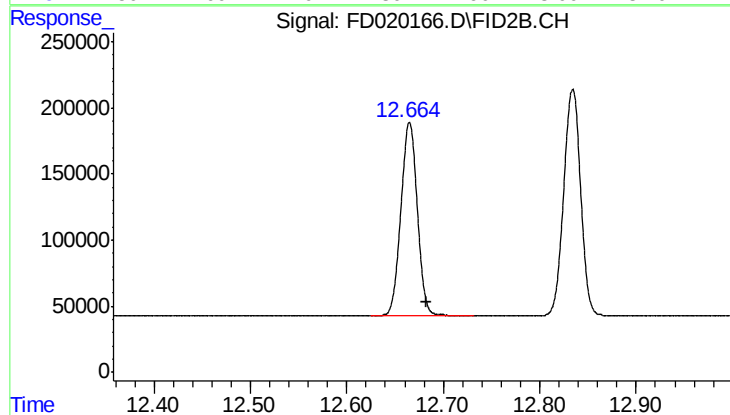
#10 n-Eicosane (C20)

R.T.: 12.226 min
Delta R.T.: -0.015 min
Response: 2115887
Conc: 23.05 ug/ml



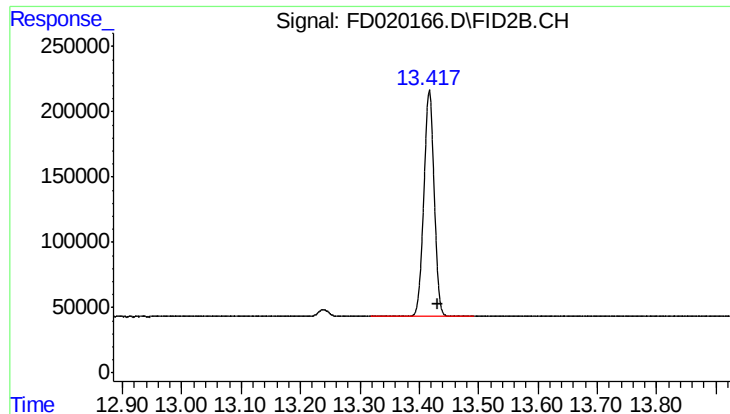
#11 n-Heneicosane (C21)

R.T.: 12.834 min
Delta R.T.: -0.015 min
Response: 2094121
Conc: 23.17 ug/ml



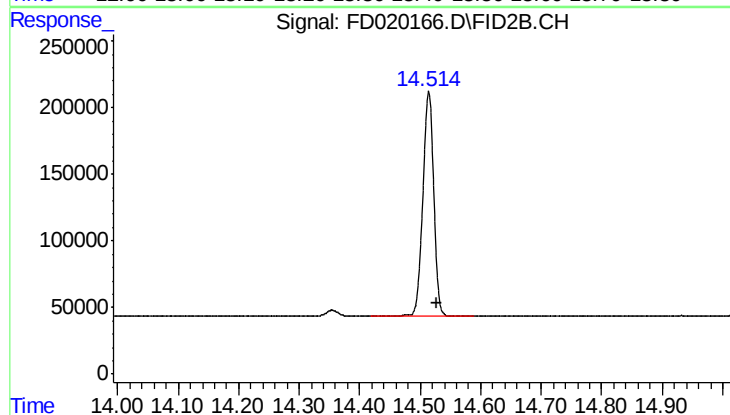
#12 1-chlorooctadecane (SURRE)

R.T.: 12.665 min
Delta R.T.: -0.018 min
Response: 1731598
Conc: 23.76 ug/ml



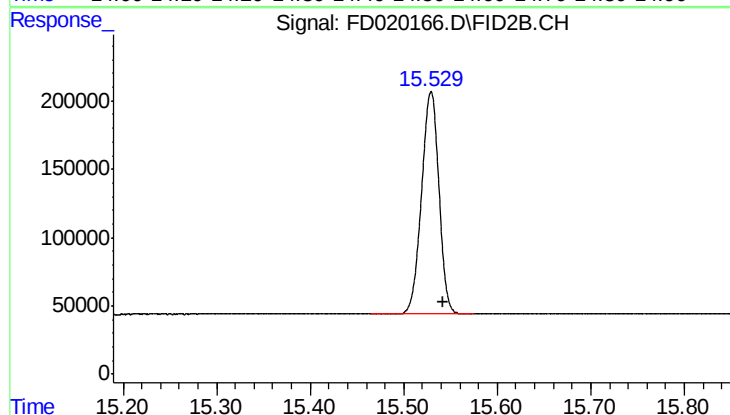
#13 n-Docosane (C22)

R.T.: 13.417 min
Delta R.T.: -0.015 min
Response: 2109026
Conc: 23.58 ug/ml



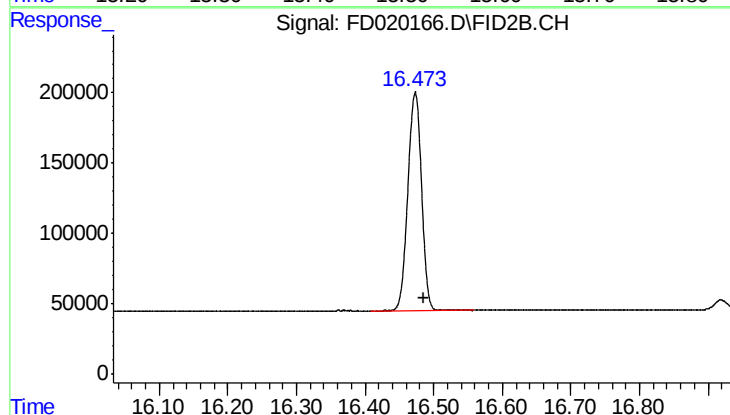
#14 n-Tetracosane (C24)

R.T.: 14.514 min
Delta R.T.: -0.014 min
Response: 2096673
Conc: 24.10 ug/ml



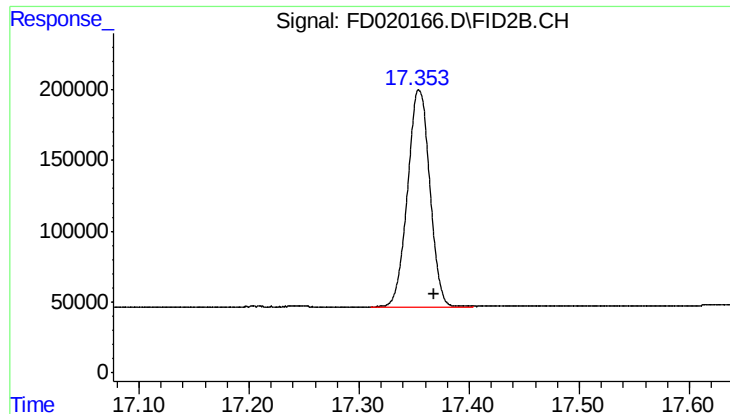
#15 n-Hexacosane (C26)

R.T.: 15.529 min
Delta R.T.: -0.013 min
Response: 2099583
Conc: 24.38 ug/ml



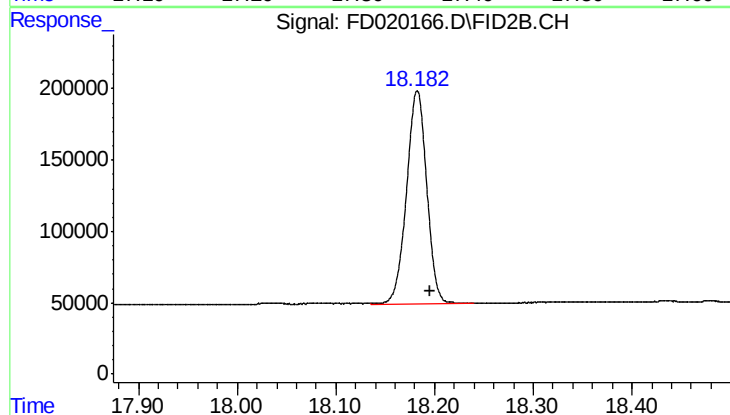
#16 n-Octacosane (C28)

R.T.: 16.473 min
Delta R.T.: -0.013 min
Response: 2157490
Conc: 24.72 ug/ml



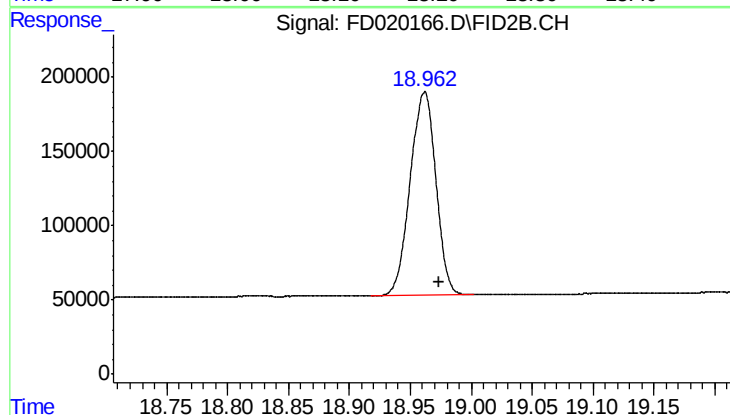
#17 n-Tricontane (C30)

R.T.: 17.353 min
Delta R.T.: -0.014 min
Response: 2144876
Conc: 24.89 ug/ml m



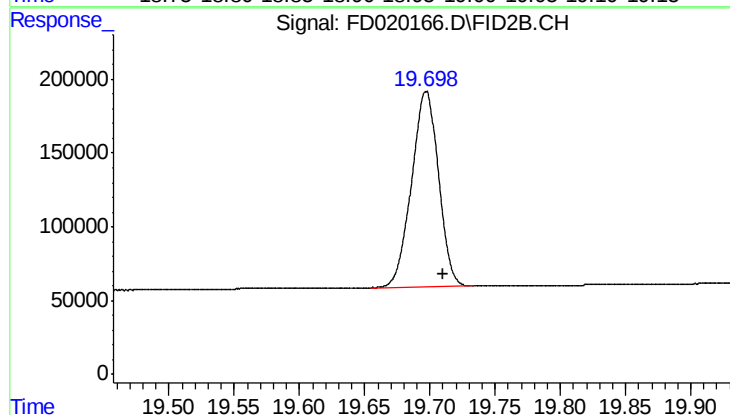
#18 n-Dotriacontane (C32)

R.T.: 18.182 min
Delta R.T.: -0.013 min
Response: 2119000
Conc: 24.68 ug/ml m



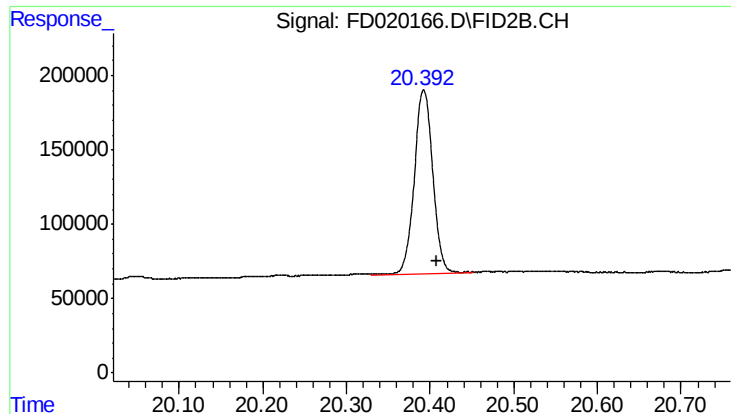
#19 n-Tetratriacontane (C34)

R.T.: 18.962 min
Delta R.T.: -0.012 min
Response: 2018019
Conc: 24.38 ug/ml m



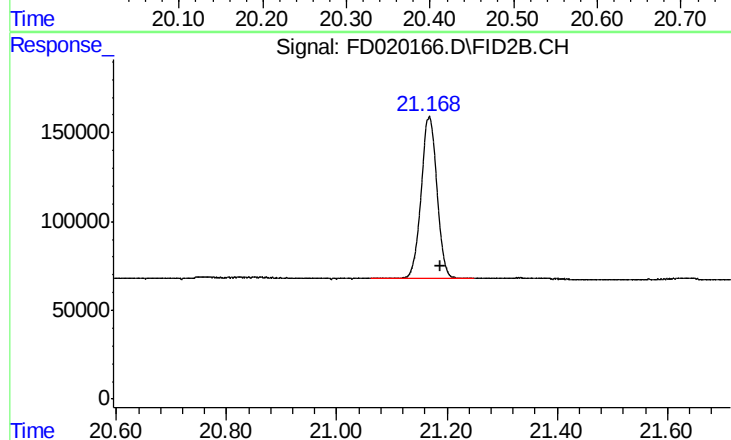
#20 n-Hexatriacontane (C36)

R.T.: 19.698 min
Delta R.T.: -0.012 min
Response: 1913171
Conc: 24.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.392 min
Delta R.T.: -0.017 min
Response: 1885360
Conc: 24.99 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.168 min
Delta R.T.: -0.019 min
Response: 1823718
Conc: 26.17 ug/ml