

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052721AL\
 Data File : FD037625.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2021 15:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 28 01:17:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.456	2407664	20.531 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
12) S 1-chlorooctadecane (S...	12.891	1843753	20.291 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.255	2211905	21.922 ug/ml
2) T n-Decane (C10)	4.318	2242235	22.100 ug/ml
3) T A~Naphthalene (C11.7)	5.892	2507490	22.021 ug/ml
4) T n-Dodecane (C12)	6.327	2285247	22.105 ug/ml
5) T A~2-methylnaphthalene...	6.944	2537863	21.922 ug/ml
6) T n-Tetradecane (C14)	8.115	2279488	21.871 ug/ml
7) T n-Hexadecane (C16)	9.708	2231073	21.622 ug/ml
8) T n-Octadecane (C18)	11.145	2284130	21.140 ug/ml
10) T n-Eicosane (C20)	12.450	2263203	20.766 ug/ml
11) T n-Heneicosane (C21)	13.059	2232050	20.503 ug/ml
13) T n-Docosane (C22)	13.642	2248337	20.697 ug/ml
14) T n-Tetracosane (C24)	14.740	2301612	21.242 ug/ml
15) T n-Hexacosane (C26)	15.757	2281536	21.419 ug/ml
16) T n-Octacosane (C28)	16.703	2315982	21.859 ug/ml
17) T n-Tricontane (C30)	17.585	2382788	22.633 ug/ml
18) T n-Dotriacontane (C32)	18.413	2369408	22.747 ug/ml
19) T n-Tetratriacontane (C34)	19.194	2259249	22.227 ug/ml
20) T n-Hexatriacontane (C36)	19.930	2109696	21.629 ug/ml
21) T n-Octatriacontane (C38)	20.639	2029255	22.073 ug/ml
22) T n-Tetracontane (C40)	21.483	2015523	20.931 ug/ml

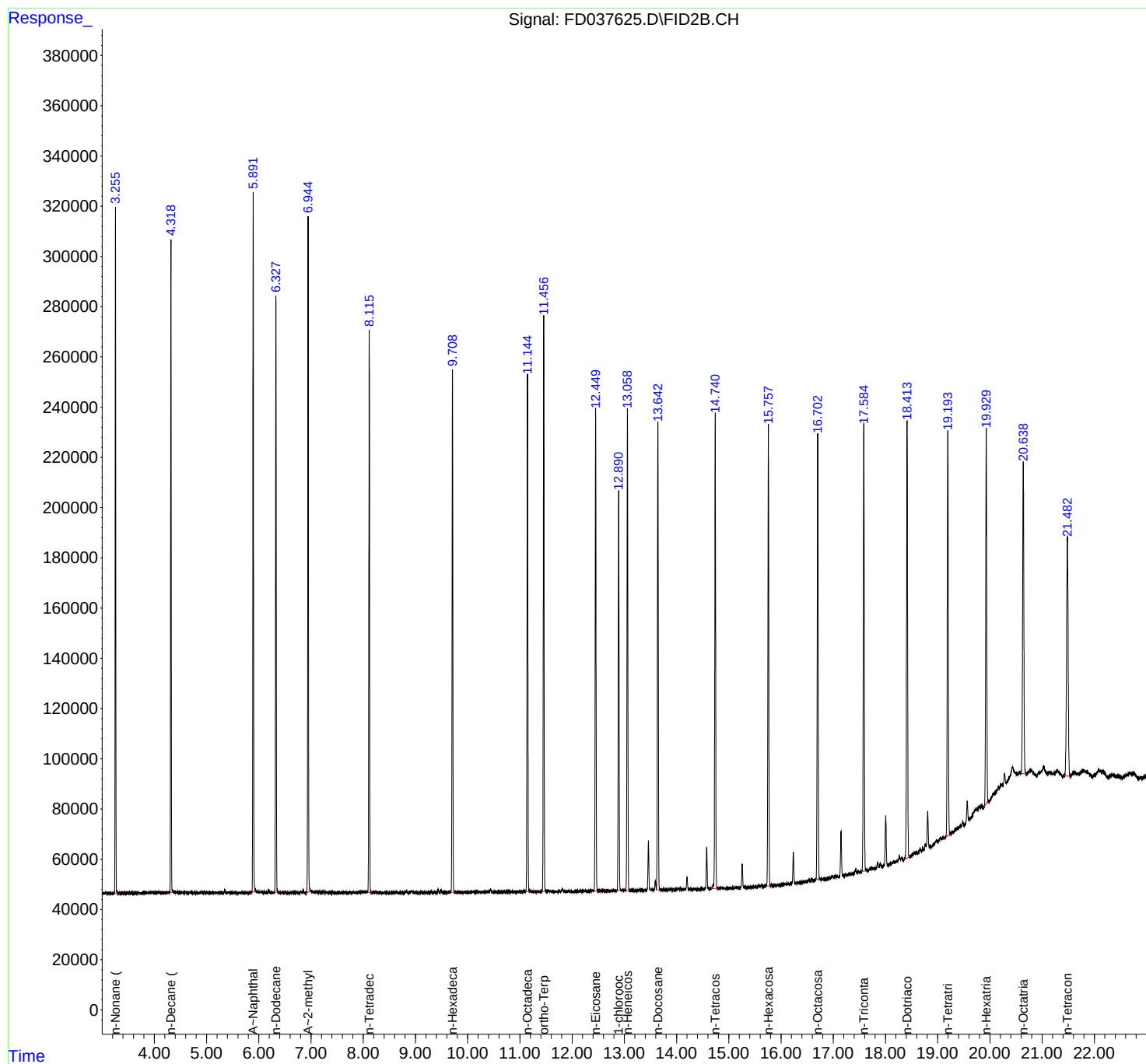
(f)=RT Delta > 1/2 Window

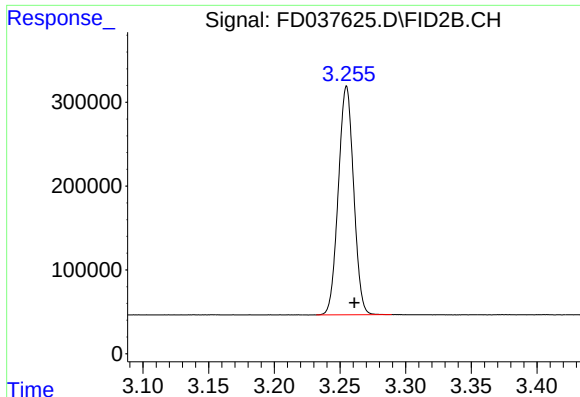
(m)=manual int.

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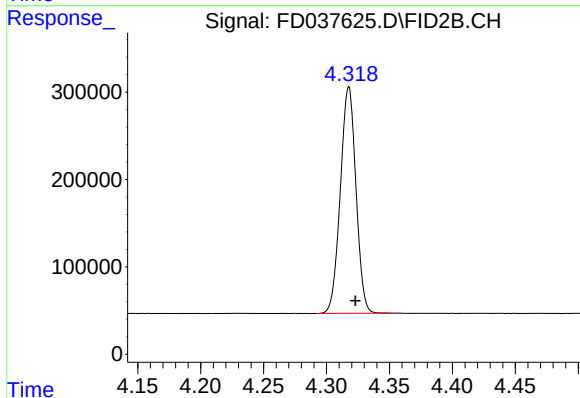
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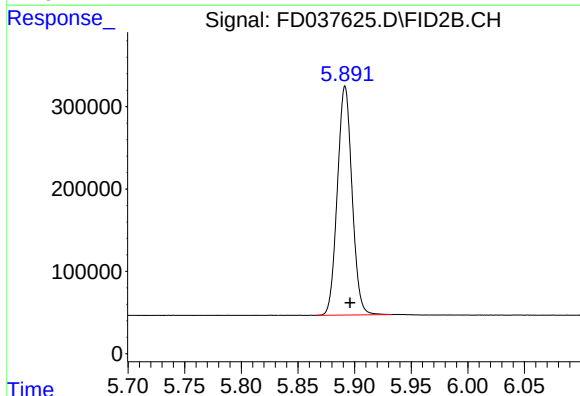
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.006 min
Response: 2211905
Conc: 21.92 ug/ml



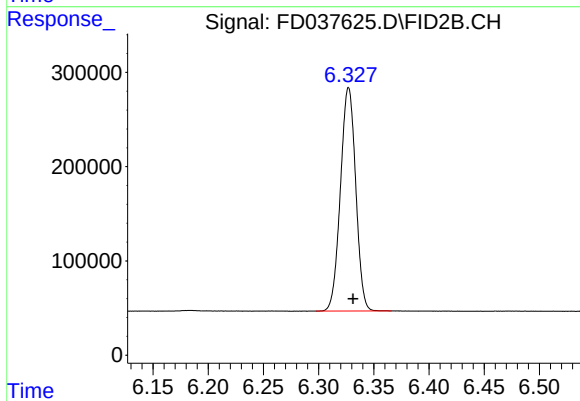
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.005 min
Response: 2242235
Conc: 22.10 ug/ml



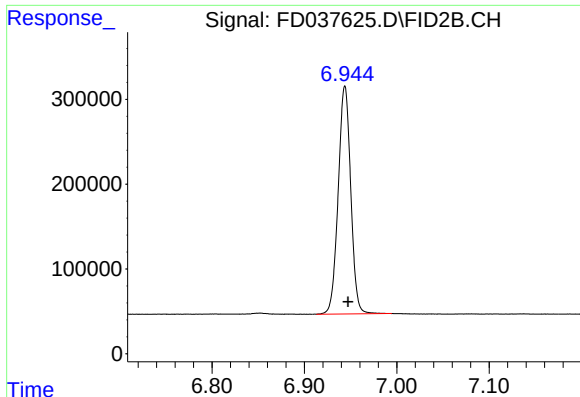
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 2507490
Conc: 22.02 ug/ml



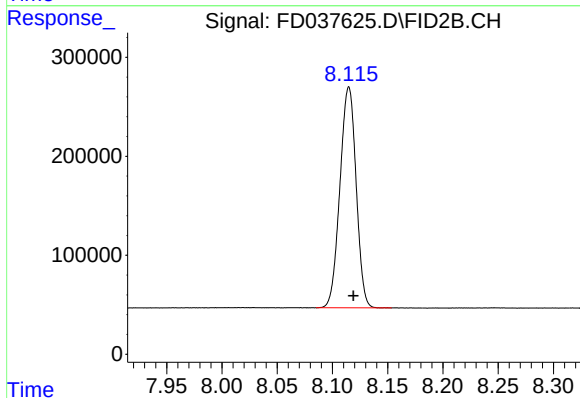
#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 2285247
Conc: 22.11 ug/ml



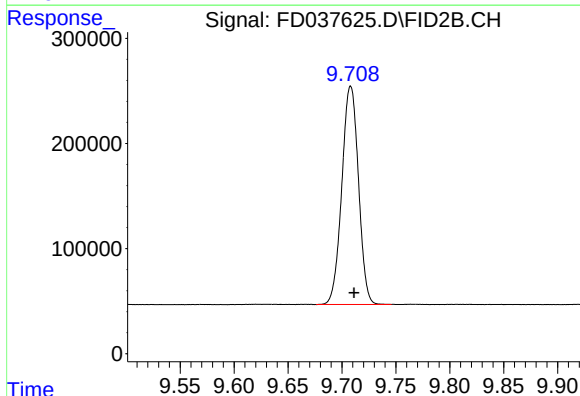
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2537863
Conc: 21.92 ug/ml



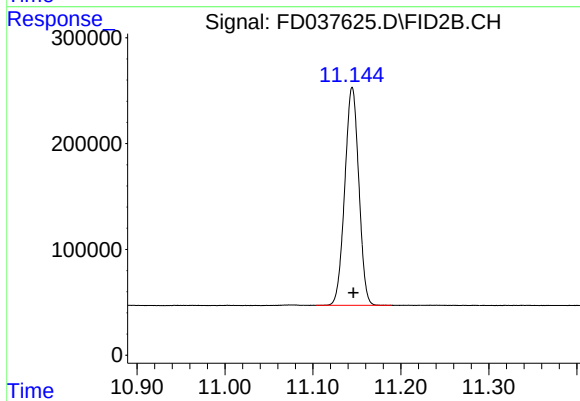
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.004 min
Response: 2279488
Conc: 21.87 ug/ml



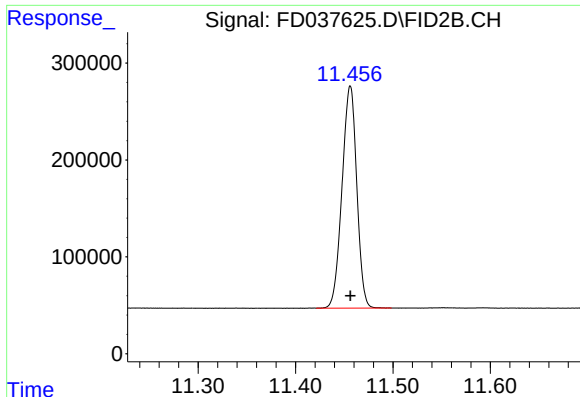
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.003 min
Response: 2231073
Conc: 21.62 ug/ml



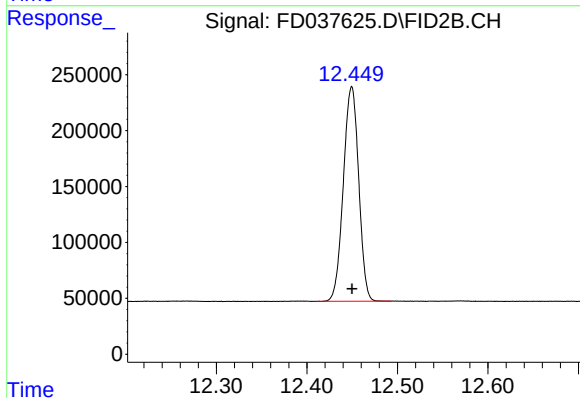
#8 n-Octadecane (C18)

R.T.: 11.145 min
Delta R.T.: -0.001 min
Response: 2284130
Conc: 21.14 ug/ml



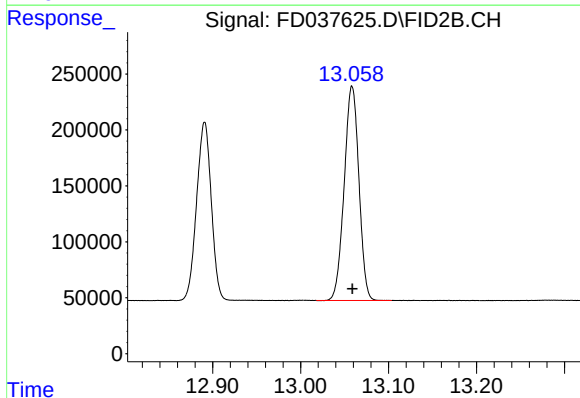
#9 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2407664
Conc: 20.53 ug/ml



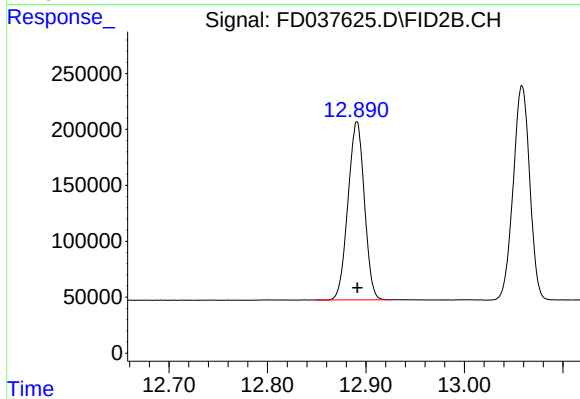
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: 0.000 min
Response: 2263203
Conc: 20.77 ug/ml



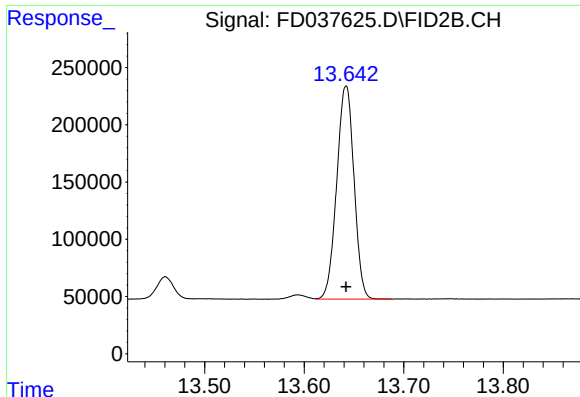
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 2232050
Conc: 20.50 ug/ml



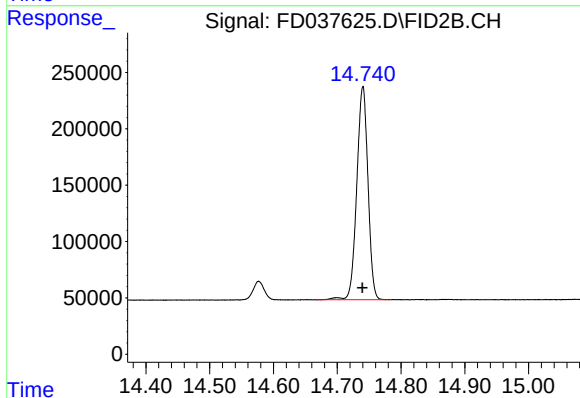
#12 1-chlorooctadecane (SURR)

R.T.: 12.891 min
Delta R.T.: 0.000 min
Response: 1843753
Conc: 20.29 ug/ml



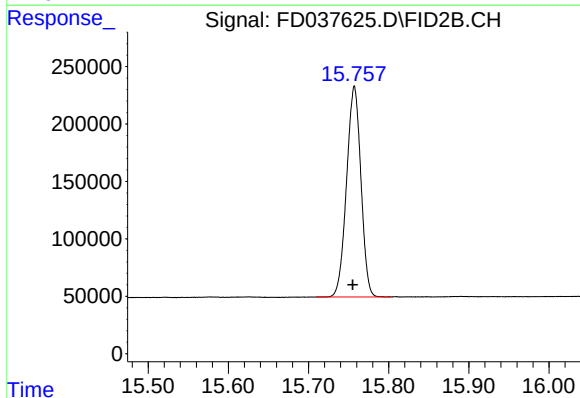
#13 n-Docosane (C22)

R.T.: 13.642 min
Delta R.T.: 0.000 min
Response: 2248337
Conc: 20.70 ug/ml



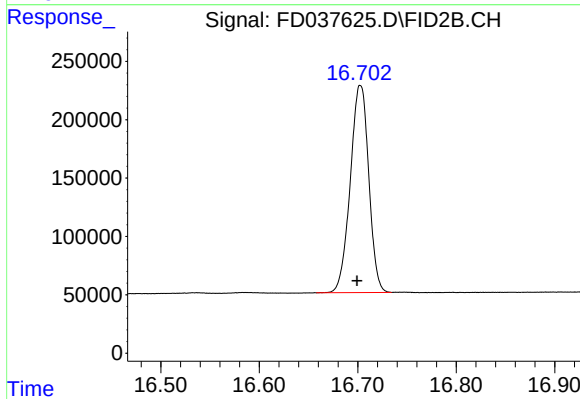
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2301612
Conc: 21.24 ug/ml



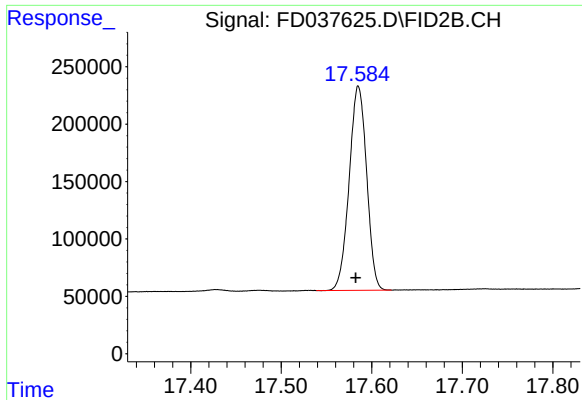
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: 0.002 min
Response: 2281536
Conc: 21.42 ug/ml



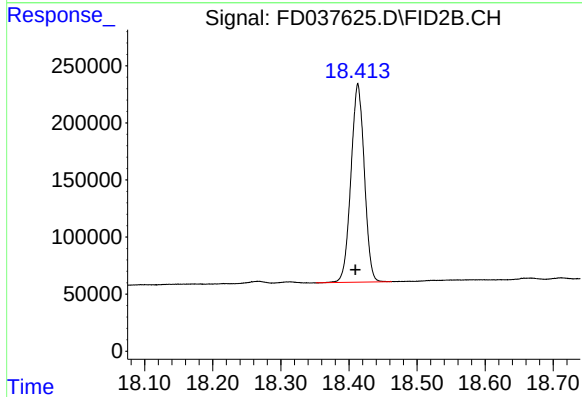
#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.004 min
Response: 2315982
Conc: 21.86 ug/ml



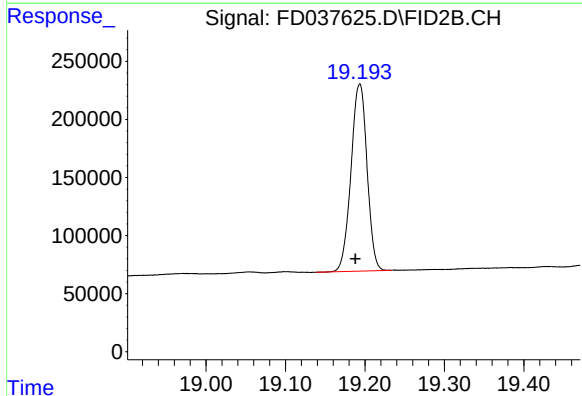
#17 n-Tricontane (C30)

R.T.: 17.585 min
Delta R.T.: 0.003 min
Response: 2382788
Conc: 22.63 ug/ml



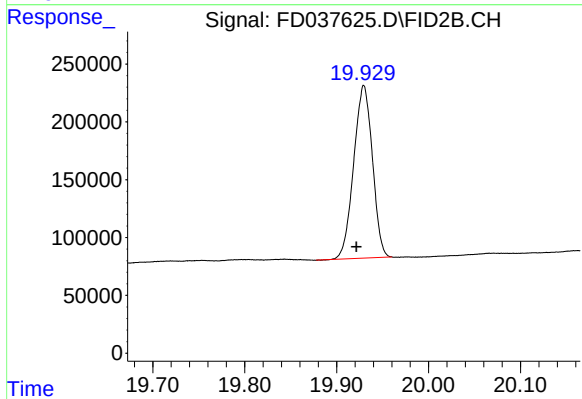
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: 0.004 min
Response: 2369408
Conc: 22.75 ug/ml



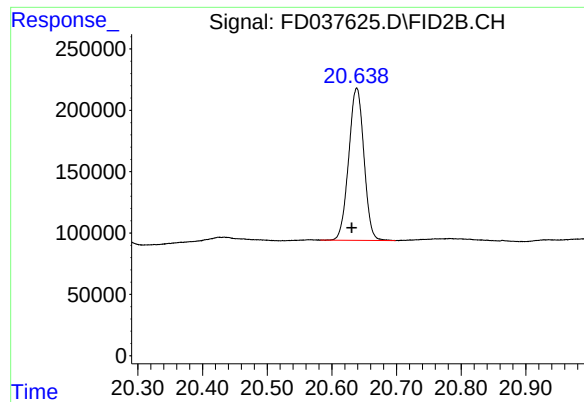
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: 0.005 min
Response: 2259249
Conc: 22.23 ug/ml



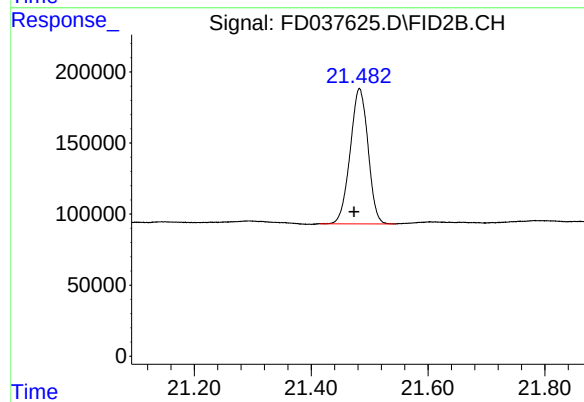
#20 n-Hexatriacontane (C36)

R.T.: 19.930 min
Delta R.T.: 0.008 min
Response: 2109696
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.639 min
Delta R.T.: 0.008 min
Response: 2029255
Conc: 22.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.483 min
Delta R.T.: 0.009 min
Response: 2015523
Conc: 20.93 ug/ml