

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013023AL\
 Data File : FD044925.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2023 19:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 21:20:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 013023.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 30 21:19:38 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.455	3223420	19.986 ug/ml
Spiked Amount	50.000	Recovery	= 39.97%
12) S 1-chlorooctadecane (S...	12.887	2388094	20.052 ug/ml
Spiked Amount	50.000	Recovery	= 40.10%
Target Compounds			
1) T n-Nonane (C9)	3.272	2771366	20.060 ug/ml
2) T n-Decane (C10)	4.329	2724659	20.088 ug/ml
3) T A~Naphthalene (C11.7)	5.896	3205177	20.122 ug/ml
4) T n-Dodecane (C12)	6.334	2764863	20.048 ug/ml
5) T A~2-methylnaphthalene...	6.945	3034237	20.122 ug/ml
6) T n-Tetradecane (C14)	8.119	2809551	20.042 ug/ml
7) T n-Hexadecane (C16)	9.712	2890787	20.005 ug/ml
8) T n-Octadecane (C18)	11.146	2935684	19.975 ug/ml
10) T n-Eicosane (C20)	12.448	2855763	20.071 ug/ml
11) T n-Heneicosane (C21)	13.056	2856844	19.996 ug/ml
13) T n-Docosane (C22)	13.639	2816667	20.022 ug/ml
14) T n-Tetracosane (C24)	14.735	2773279	19.987 ug/ml
15) T n-Hexacosane (C26)	15.749	2669158	19.971 ug/ml
16) T n-Octacosane (C28)	16.691	2584969	20.004 ug/ml
17) T n-Tricontane (C30)	17.573	2476693	19.935 ug/ml
18) T n-Dotriacontane (C32)	18.400	2420664	19.744 ug/ml
19) T n-Tetratriacontane (C34)	19.177	2347501	19.940 ug/ml
20) T n-Hexatriacontane (C36)	19.912	2213899	20.074 ug/ml
21) T n-Octatriacontane (C38)	20.616	2143015	20.085 ug/ml
22) T n-Tetracontane (C40)	21.454	2062426	20.440 ug/ml

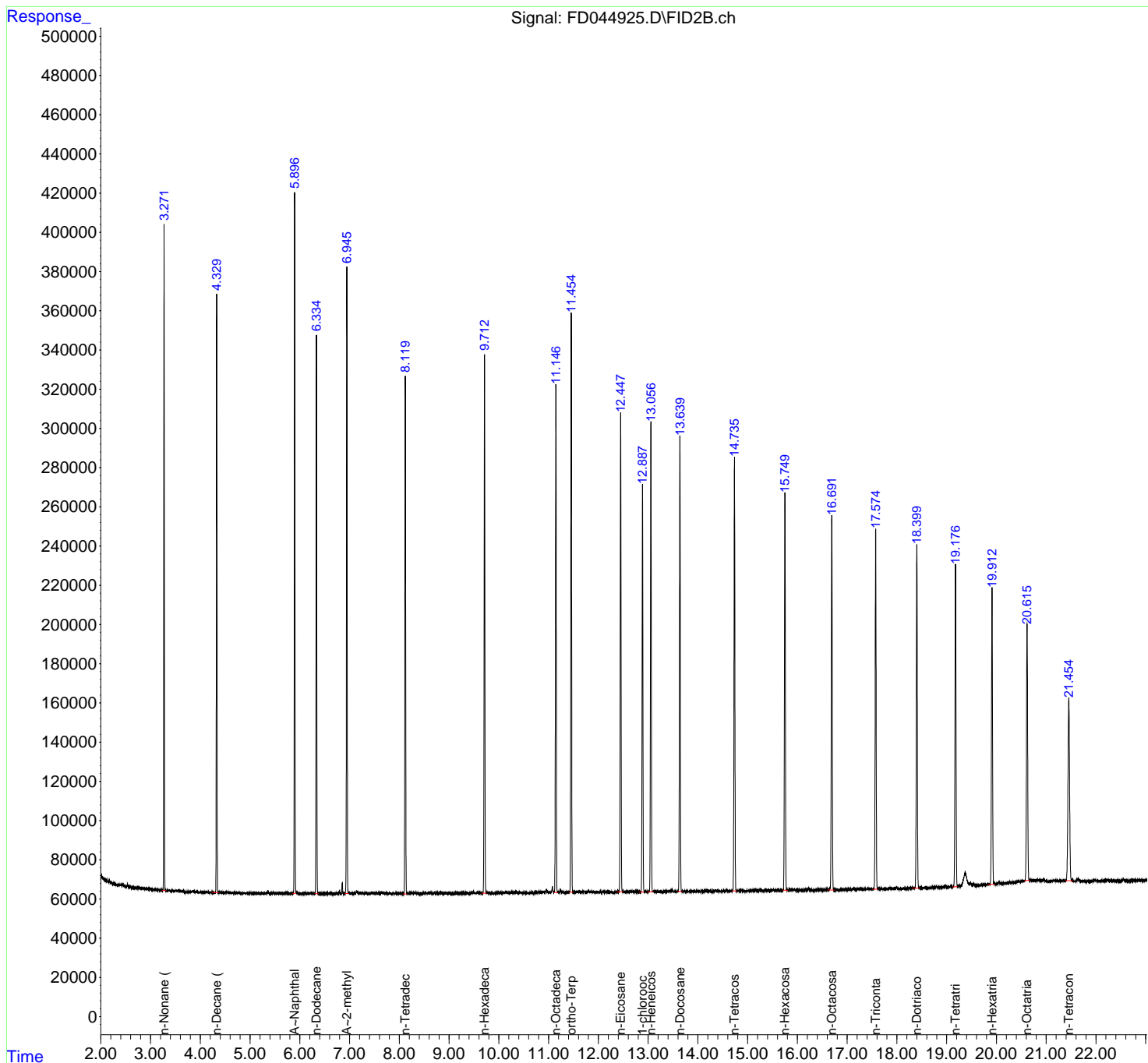
(f)=RT Delta > 1/2 Window

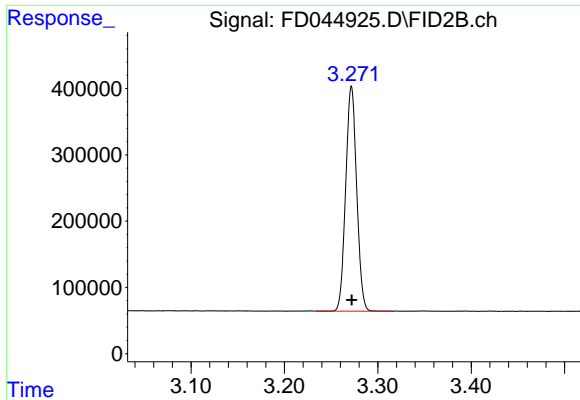
(m)=manual int.

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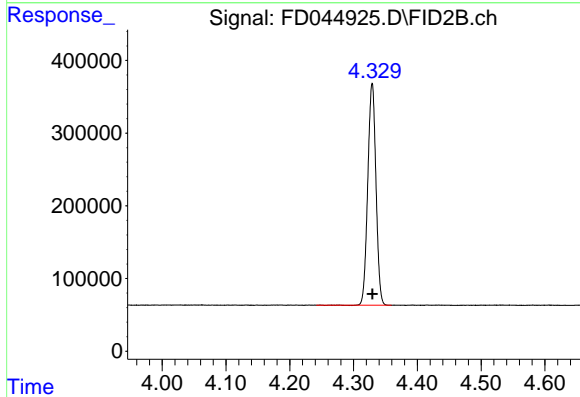
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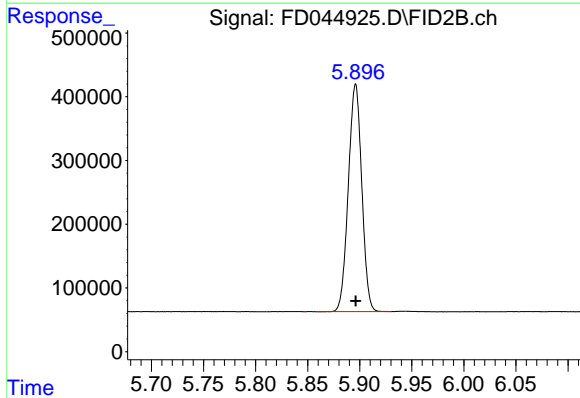
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 2771366
Conc: 20.06 ug/ml



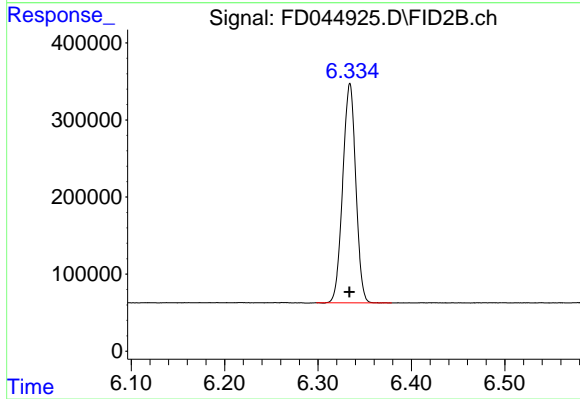
#2 n-Decane (C10)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 2724659
Conc: 20.09 ug/ml



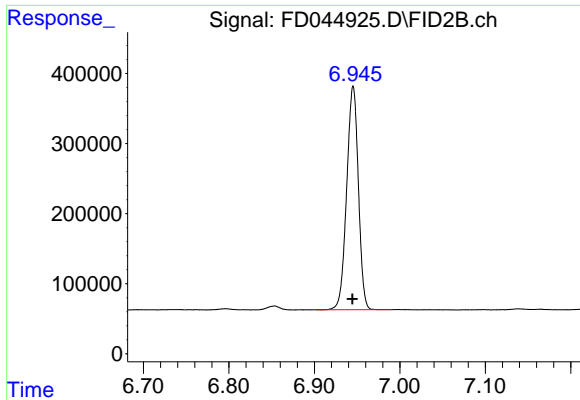
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3205177
Conc: 20.12 ug/ml



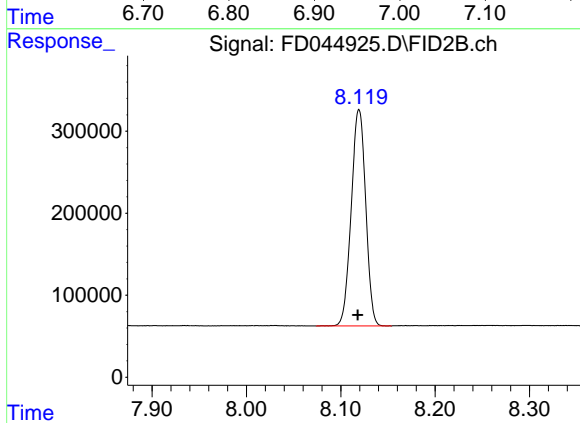
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 2764863
Conc: 20.05 ug/ml



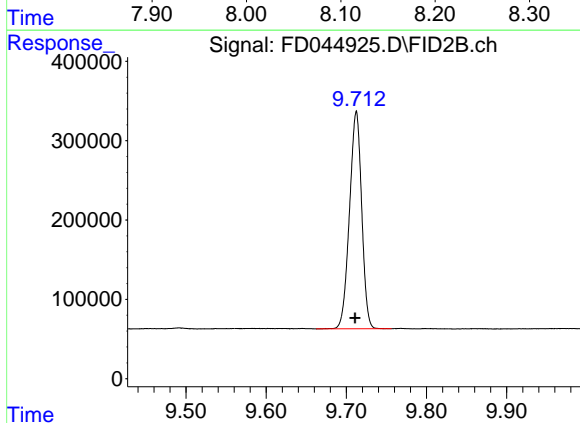
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.001 min
Response: 3034237
Conc: 20.12 ug/ml



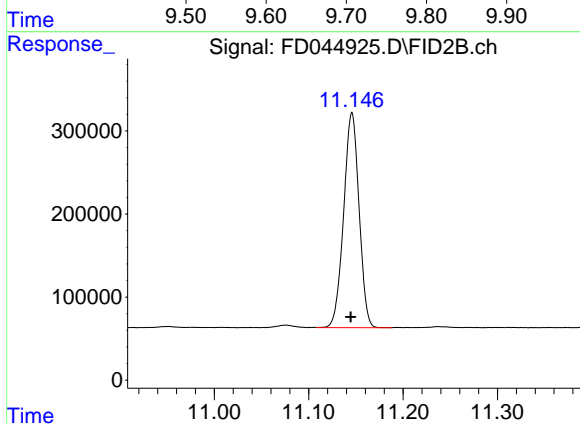
#6 n-Tetradecane (C14)

R.T.: 8.119 min
Delta R.T.: 0.001 min
Response: 2809551
Conc: 20.04 ug/ml



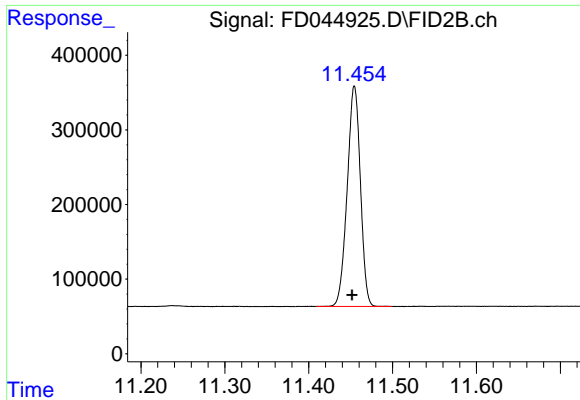
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: 0.002 min
Response: 2890787
Conc: 20.01 ug/ml



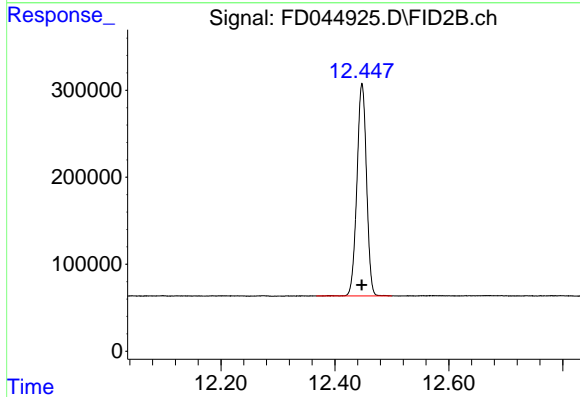
#8 n-Octadecane (C18)

R.T.: 11.146 min
Delta R.T.: 0.001 min
Response: 2935684
Conc: 19.97 ug/ml



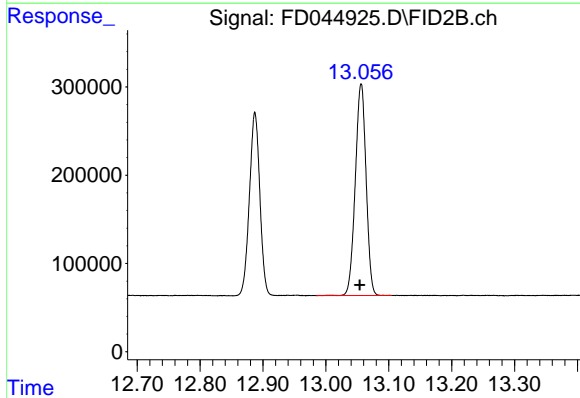
#9 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: 0.003 min
Response: 3223420
Conc: 19.99 ug/ml



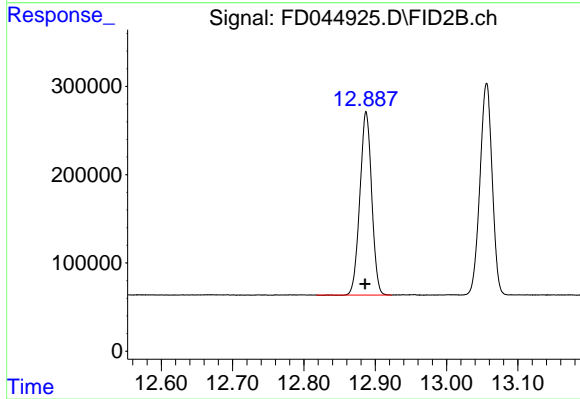
#10 n-Eicosane (C20)

R.T.: 12.448 min
Delta R.T.: 0.000 min
Response: 2855763
Conc: 20.07 ug/ml



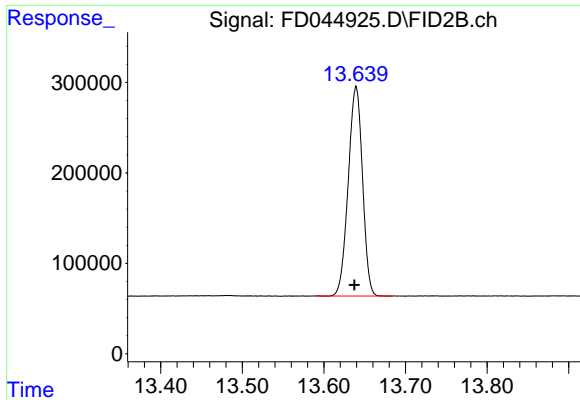
#11 n-Heneicosane (C21)

R.T.: 13.056 min
Delta R.T.: 0.002 min
Response: 2856844
Conc: 20.00 ug/ml



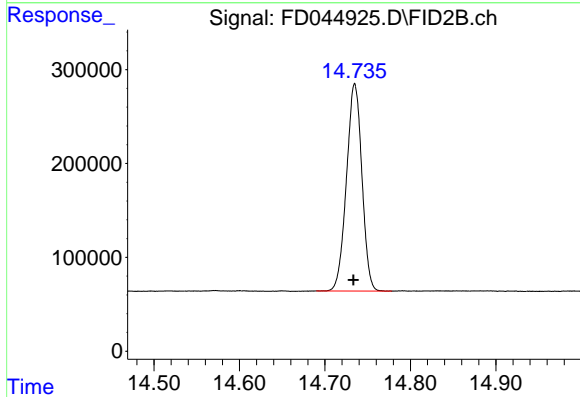
#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: 0.001 min
Response: 2388094
Conc: 20.05 ug/ml



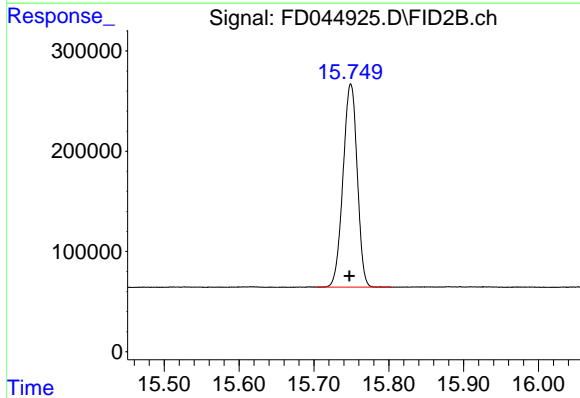
#13 n-Docosane (C22)

R.T.: 13.639 min
Delta R.T.: 0.002 min
Response: 2816667
Conc: 20.02 ug/ml



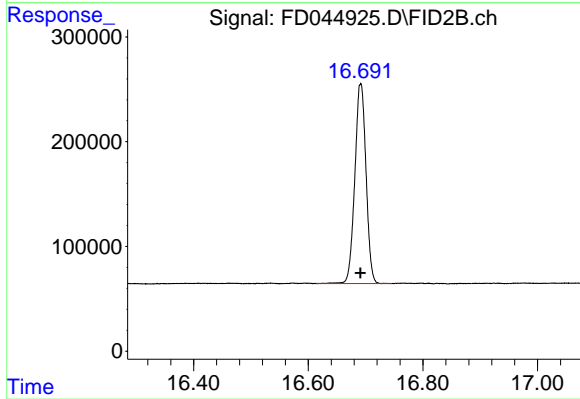
#14 n-Tetracosane (C24)

R.T.: 14.735 min
Delta R.T.: 0.002 min
Response: 2773279
Conc: 19.99 ug/ml



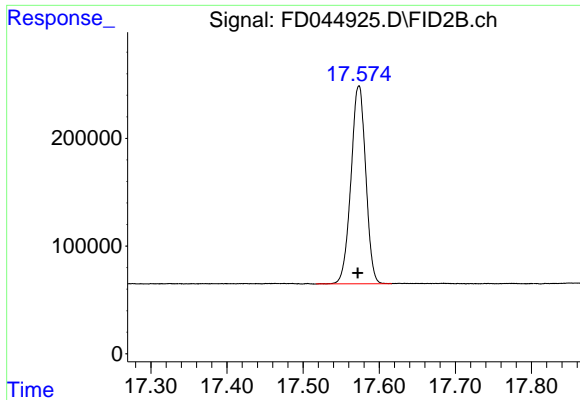
#15 n-Hexacosane (C26)

R.T.: 15.749 min
Delta R.T.: 0.002 min
Response: 2669158
Conc: 19.97 ug/ml

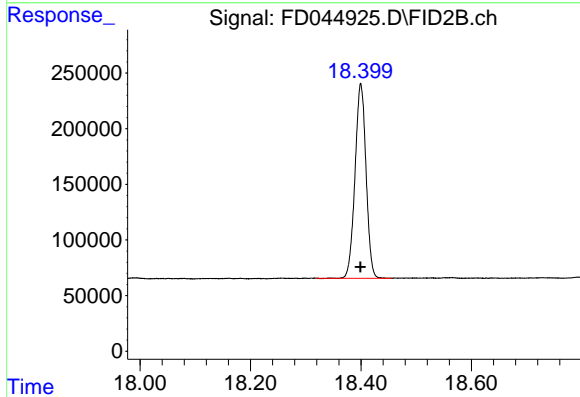


#16 n-Octacosane (C28)

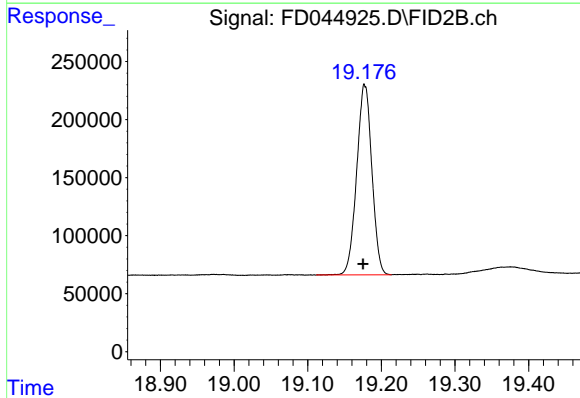
R.T.: 16.691 min
Delta R.T.: 0.000 min
Response: 2584969
Conc: 20.00 ug/ml



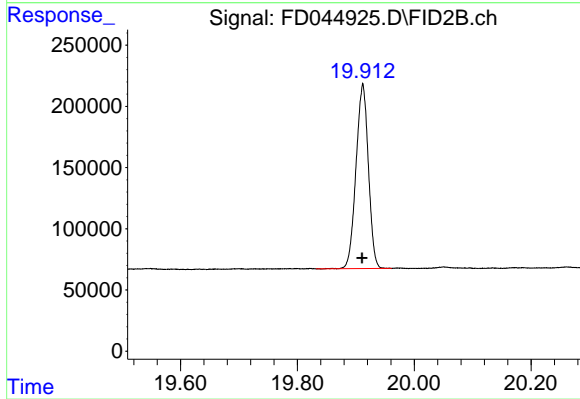
#17 n-Tricontane (C30)
R.T.: 17.573 min
Delta R.T.: 0.001 min
Response: 2476693
Conc: 19.94 ug/ml



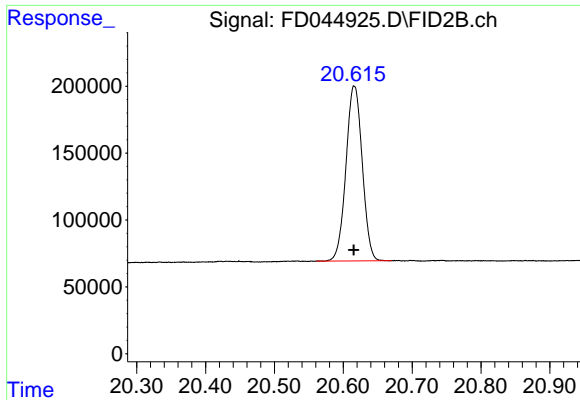
#18 n-Dotriacontane (C32)
R.T.: 18.400 min
Delta R.T.: 0.000 min
Response: 2420664
Conc: 19.74 ug/ml



#19 n-Tetratriacontane (C34)
R.T.: 19.177 min
Delta R.T.: 0.002 min
Response: 2347501
Conc: 19.94 ug/ml

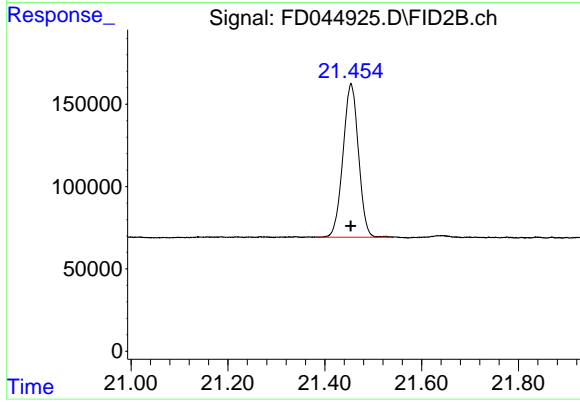


#20 n-Hexatriacontane (C36)
R.T.: 19.912 min
Delta R.T.: 0.001 min
Response: 2213899
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: 0.000 min
Response: 2143015
Conc: 20.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.454 min
Delta R.T.: 0.000 min
Response: 2062426
Conc: 20.44 ug/ml