

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040575.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 16:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:46:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 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)	11.878	3649600	20.941 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
12) S 1-chlorooctadecane (S...	13.317	2902516	22.384 ug/ml
Spiked Amount 50.000		Recovery =	44.77%
Target Compounds			
1) T n-Nonane (C9)	3.277	2997536	20.623 ug/ml
2) T n-Decane (C10)	4.524	2931201	20.802 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3291589	21.338 ug/ml
4) T n-Dodecane (C12)	6.687	2983432	20.892 ug/ml
5) T A~2-methylnaphthalene...	7.320	3049113	21.730 ug/ml
6) T n-Tetradecane (C14)	8.514	3025119	20.913 ug/ml
7) T n-Hexadecane (C16)	10.121	3156747	21.024 ug/ml
8) T n-Octadecane (C18)	11.563	3310722	21.155 ug/ml
10) T n-Eicosane (C20)	12.872	3308623	21.356 ug/ml
11) T n-Heneicosane (C21)	13.485	3356852	21.447 ug/ml
13) T n-Docosane (C22)	14.071	3359591	21.573 ug/ml
14) T n-Tetracosane (C24)	15.175	3392967	21.960 ug/ml
15) T n-Hexacosane (C26)	16.196	3368909	22.363 ug/ml
16) T n-Octacosane (C28)	17.146	3348041	22.637 ug/ml
17) T n-Tricontane (C30)	18.035	3279431	22.872 ug/ml
18) T n-Dotriacontane (C32)	18.869	3270879	23.126 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3110272	22.357 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2842124	20.630 ug/ml
21) T n-Octatriacontane (C38)	21.124	2746618	20.494 ug/ml
22) T n-Tetracontane (C40)	22.017	2775961	20.246 ug/mlm

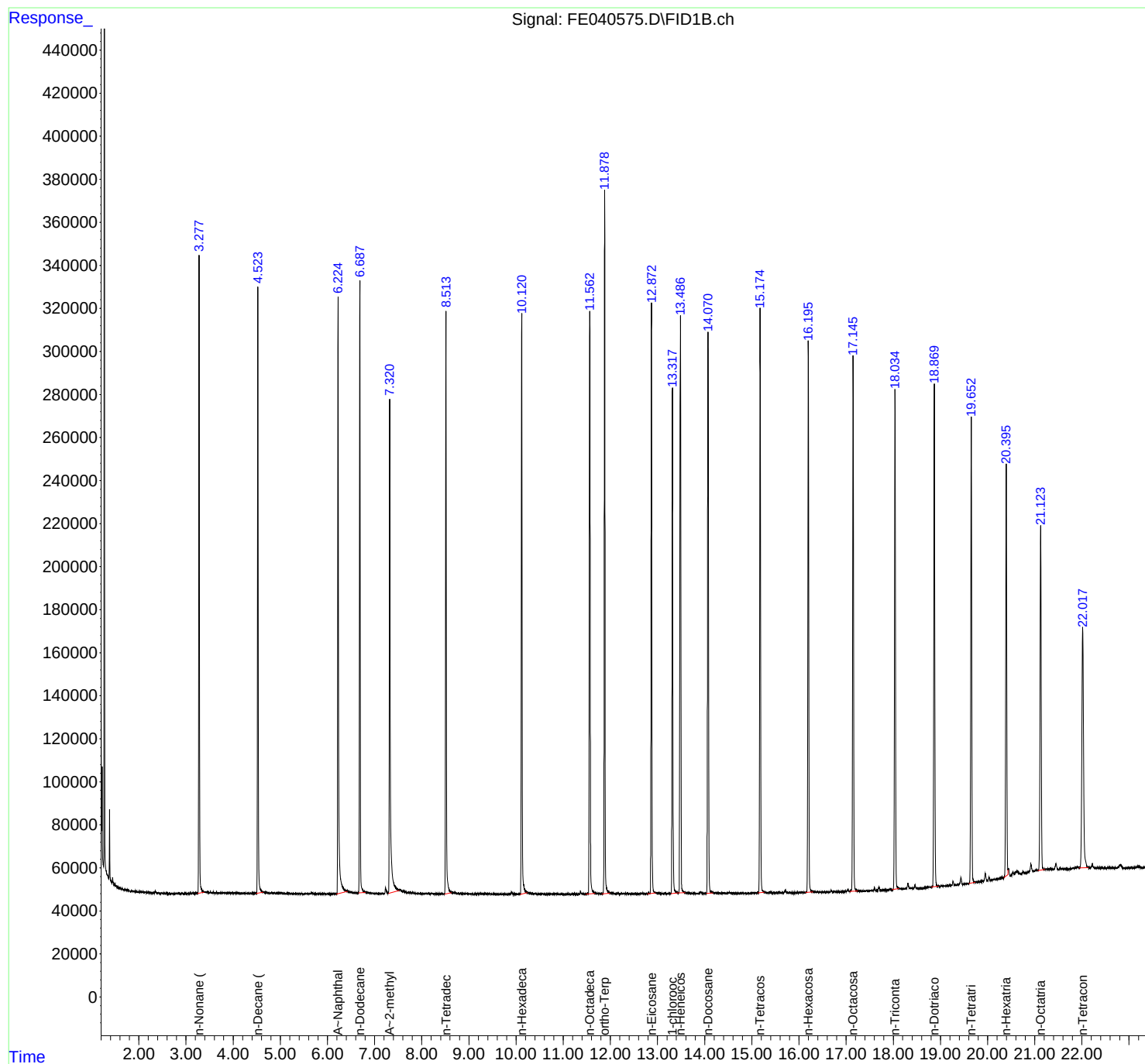
(f)=RT Delta > 1/2 Window

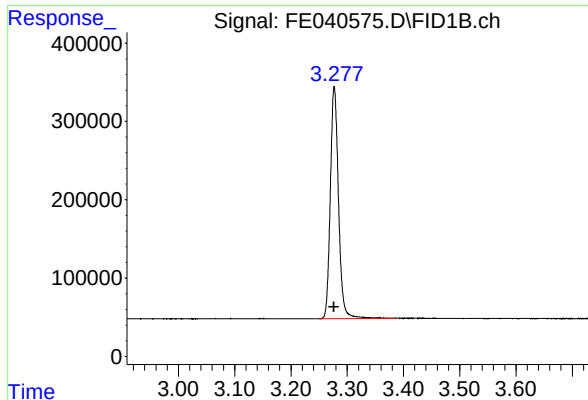
(m)=manual int.

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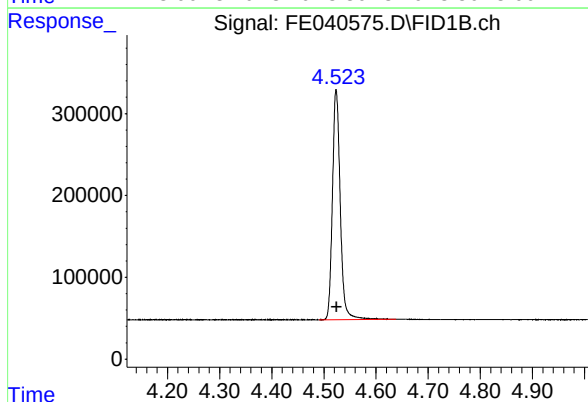
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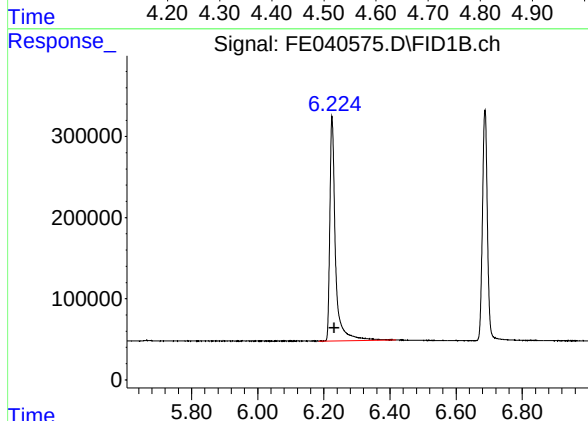
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2997536
Conc: 20.62 ug/ml



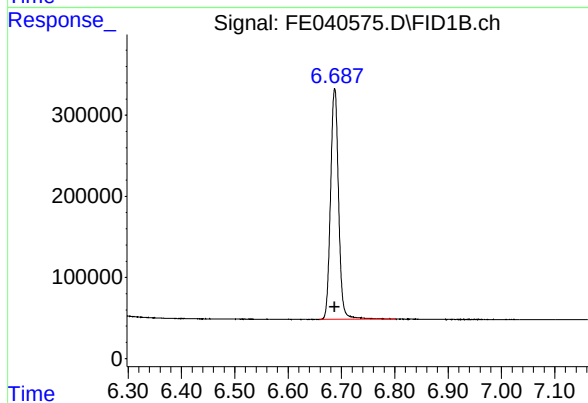
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 2931201
Conc: 20.80 ug/ml



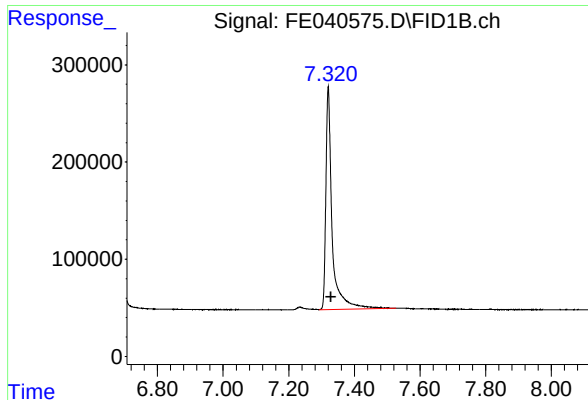
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.007 min
Response: 3291589
Conc: 21.34 ug/ml



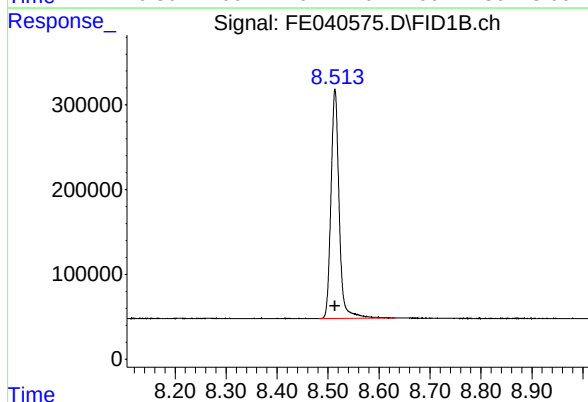
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 2983432
Conc: 20.89 ug/ml



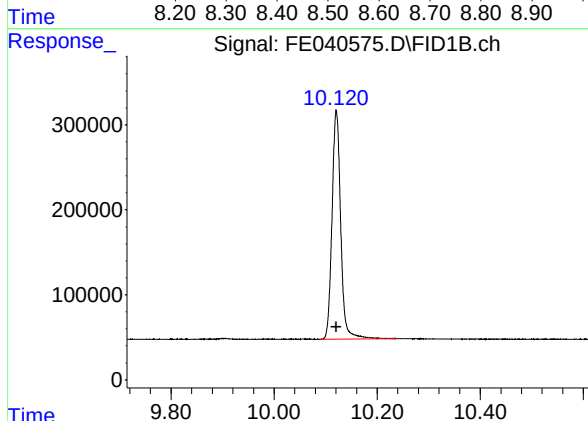
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.008 min
Response: 3049113
Conc: 21.73 ug/ml



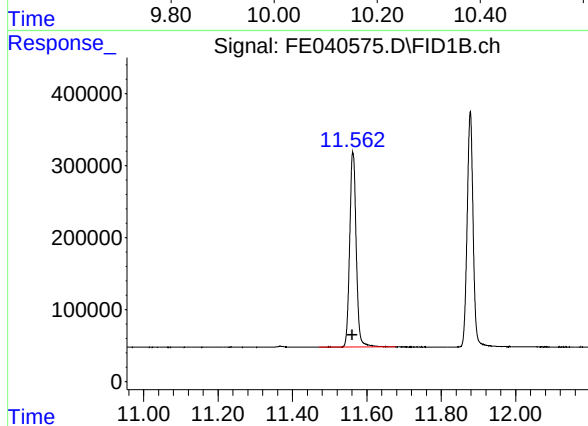
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 3025119
Conc: 20.91 ug/ml



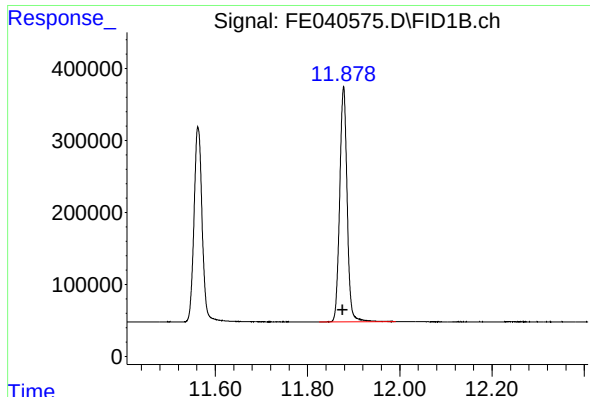
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 3156747
Conc: 21.02 ug/ml



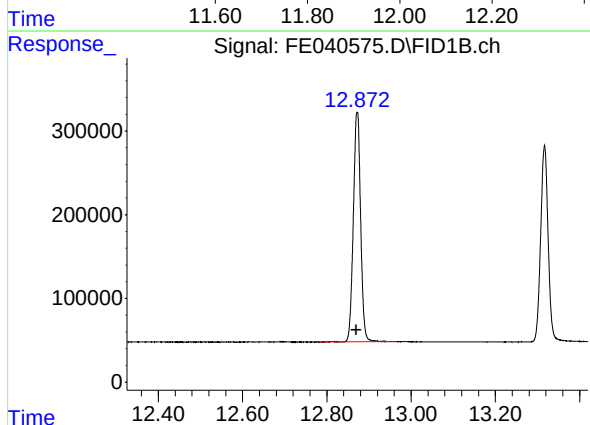
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.001 min
Response: 3310722
Conc: 21.15 ug/ml



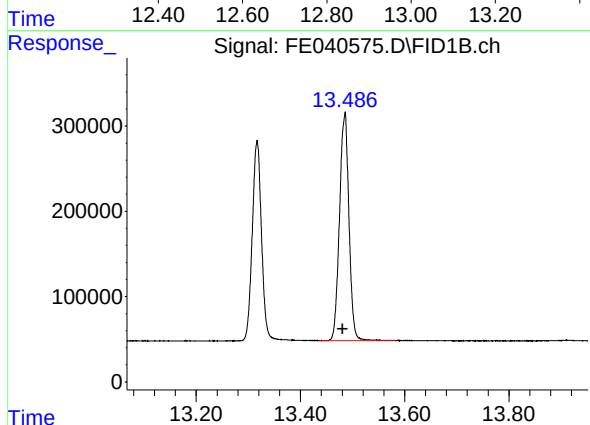
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.002 min
Response: 3649600
Conc: 20.94 ug/ml



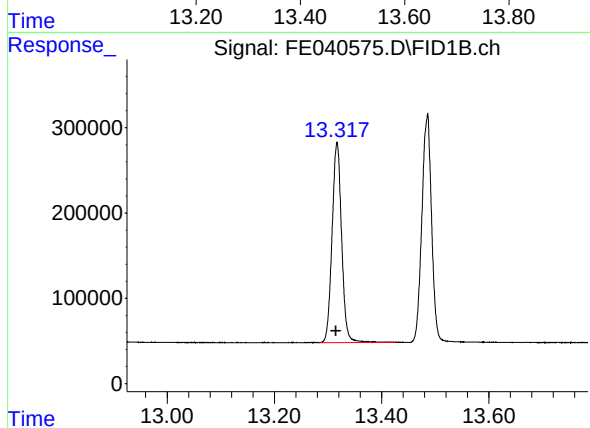
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.002 min
Response: 3308623
Conc: 21.36 ug/ml



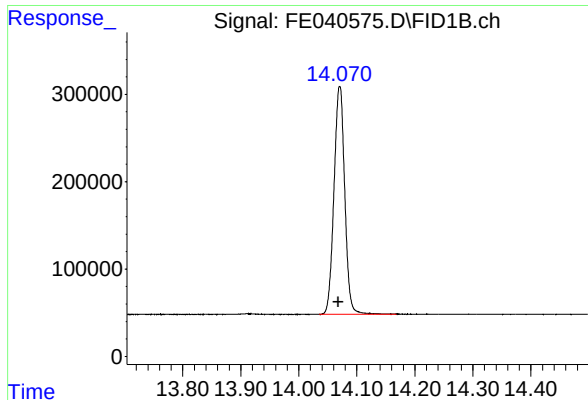
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.004 min
Response: 3356852
Conc: 21.45 ug/ml



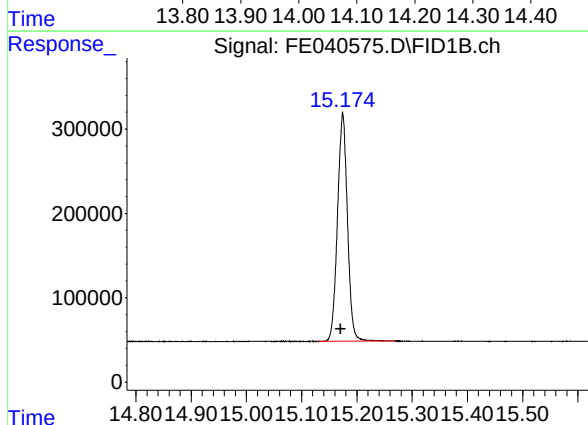
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: 0.002 min
Response: 2902516
Conc: 22.38 ug/ml



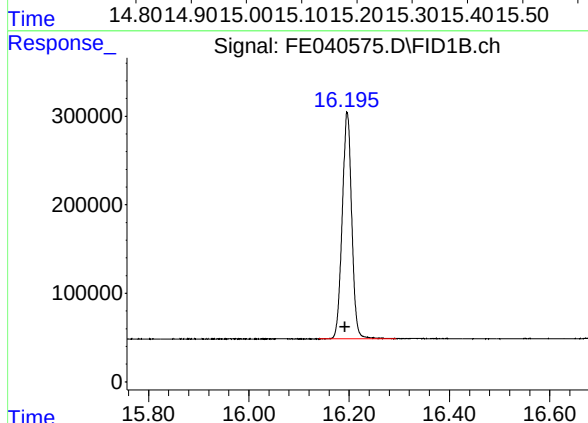
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.002 min
Response: 3359591
Conc: 21.57 ug/ml



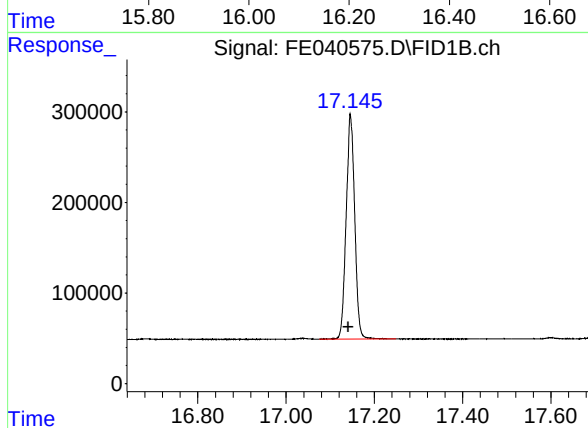
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.004 min
Response: 3392967
Conc: 21.96 ug/ml



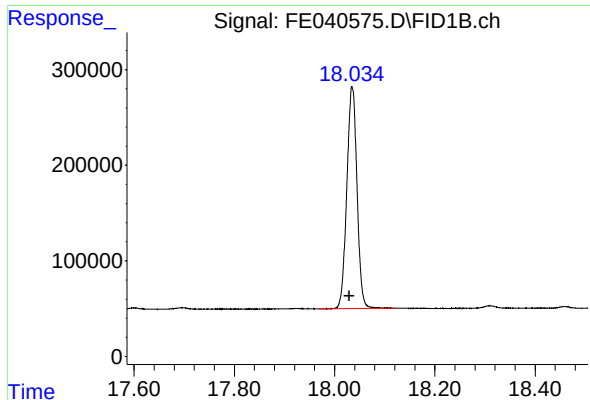
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.005 min
Response: 3368909
Conc: 22.36 ug/ml



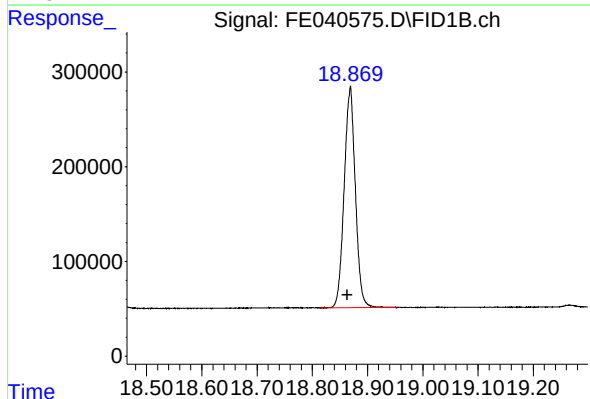
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.005 min
Response: 3348041
Conc: 22.64 ug/ml



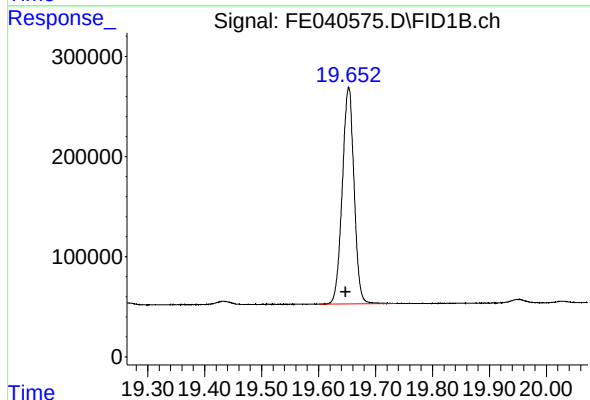
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.005 min
Response: 3279431
Conc: 22.87 ug/ml



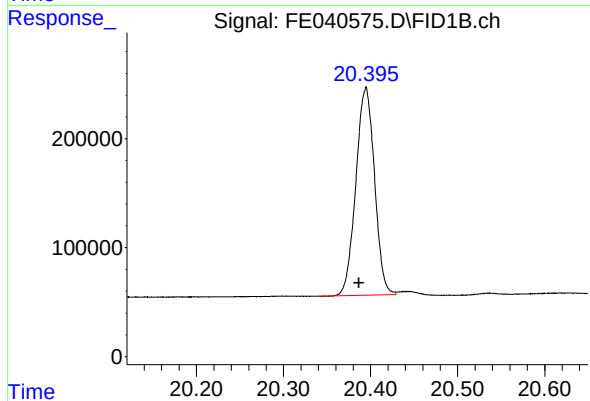
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.005 min
Response: 3270879
Conc: 23.13 ug/ml



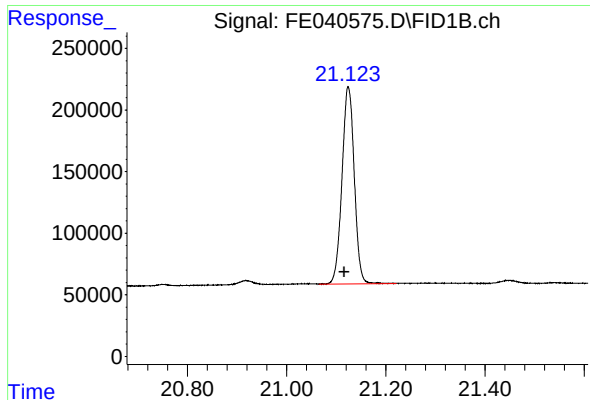
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.006 min
Response: 3110272
Conc: 22.36 ug/ml



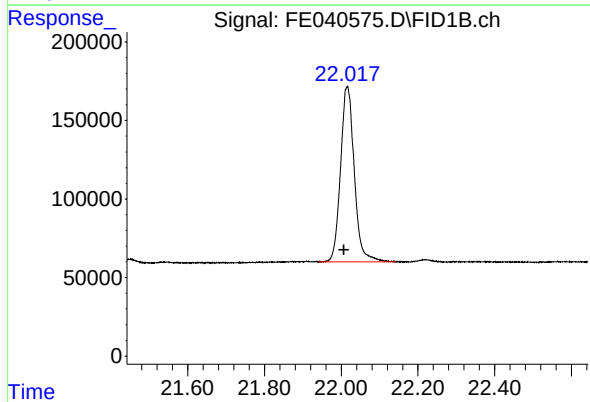
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.008 min
Response: 2842124
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.008 min
Response: 2746618
Conc: 20.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.009 min
Response: 2775961
Conc: 20.25 ug/ml m