

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021324AL\
 Data File : FF014017.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2024 09:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 22:55:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 2024
 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)	11.857	2926761	20.119 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	13.298	2147261	19.898 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T n-Nonane (C9)	3.257	2497049	20.166 ug/ml
2) T n-Decane (C10)	4.506	2560308	20.259 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2740085	20.336 ug/ml
4) T n-Dodecane (C12)	6.668	2600722	20.326 ug/ml
5) T A~2-methylnaphthalene...	7.295	2620842	20.432 ug/ml
6) T n-Tetradecane (C14)	8.494	2582877	20.390 ug/ml
7) T n-Hexadecane (C16)	10.100	2681028	20.272 ug/ml
8) T n-Octadecane (C18)	11.544	2743471	20.151 ug/ml
10) T n-Eicosane (C20)	12.854	2656362	20.068 ug/ml
11) T n-Heneicosane (C21)	13.467	2616719	20.027 ug/ml
13) T n-Docosane (C22)	14.054	2588782	19.962 ug/ml
14) T n-Tetracosane (C24)	15.158	2543952	19.811 ug/ml
15) T n-Hexacosane (C26)	16.181	2456690	19.758 ug/ml
16) T n-Octacosane (C28)	17.133	2349802	19.735 ug/ml
17) T n-Tricontane (C30)	18.021	2321158	19.749 ug/ml
18) T n-Dotriacontane (C32)	18.855	2236259	19.752 ug/ml
19) T n-Tetratriacontane (C34)	19.639	2120571	19.777 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2002122	19.893 ug/ml
21) T n-Octatriacontane (C38)	21.107	1942607	18.670 ug/ml
22) T n-Tetracontane (C40)	21.992	1845429	18.337 ug/ml

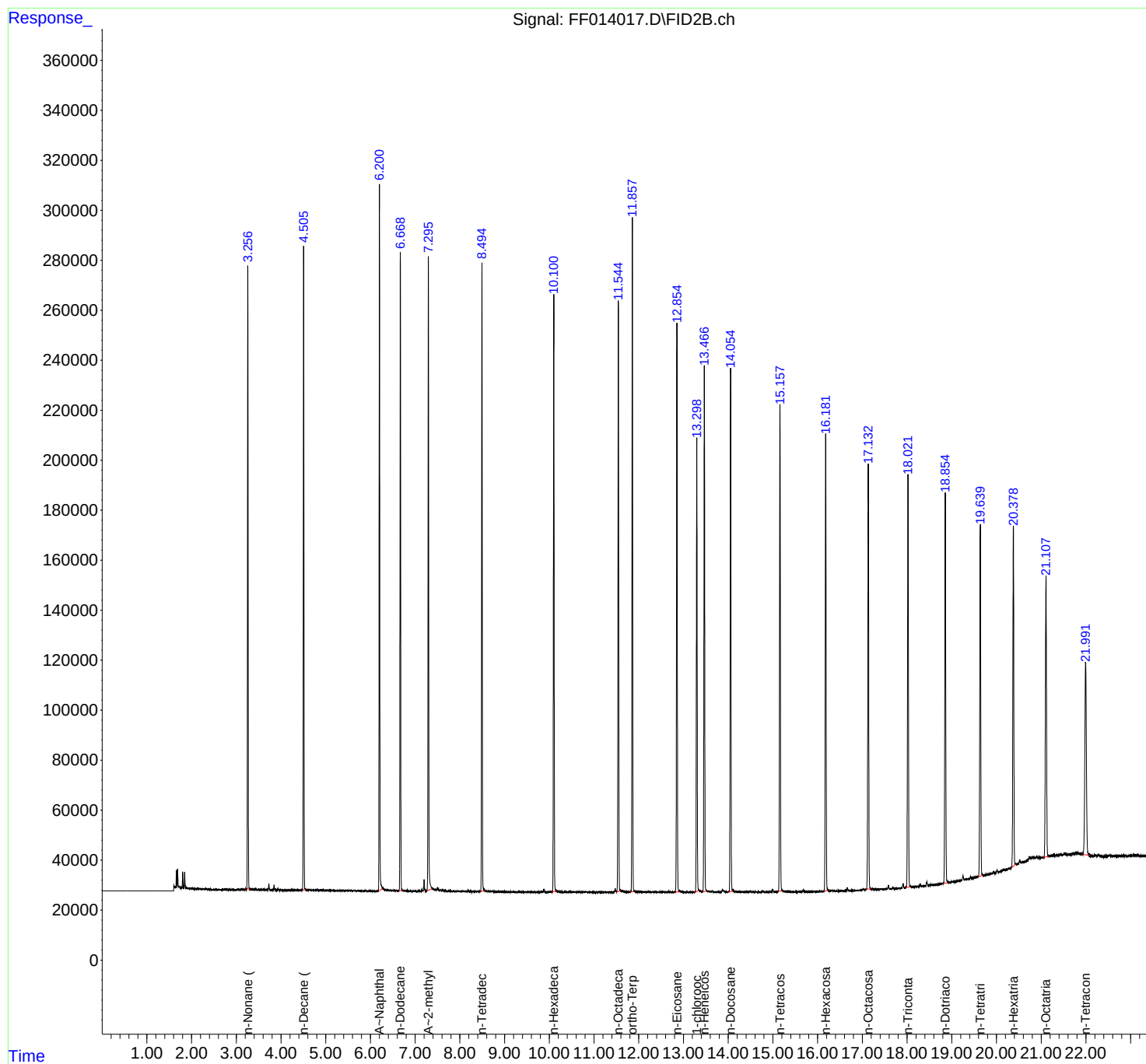
(f)=RT Delta > 1/2 Window

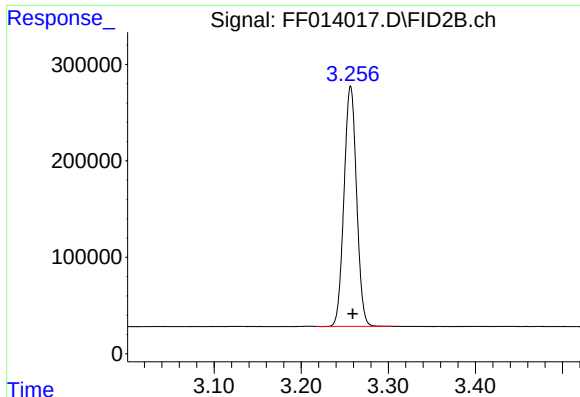
(m)=manual int.

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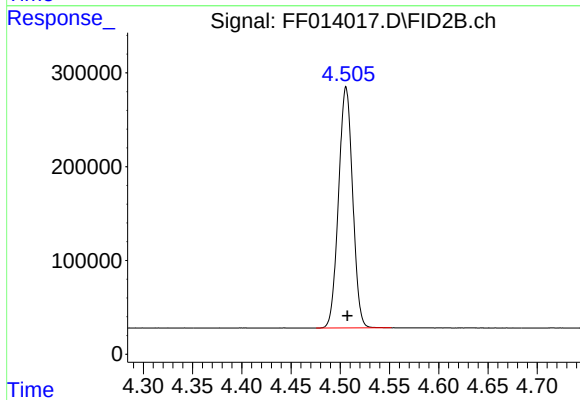
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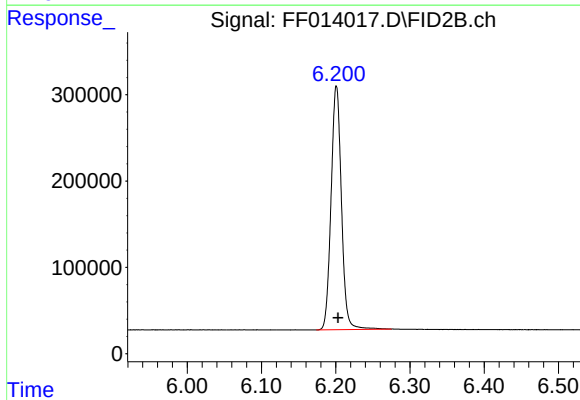
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.002 min
Response: 2497049
Conc: 20.17 ug/ml



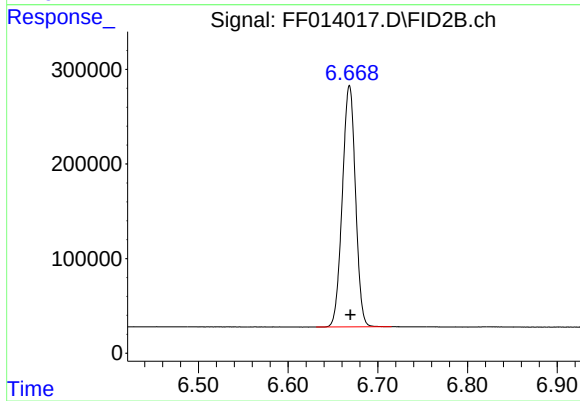
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 2560308
Conc: 20.26 ug/ml



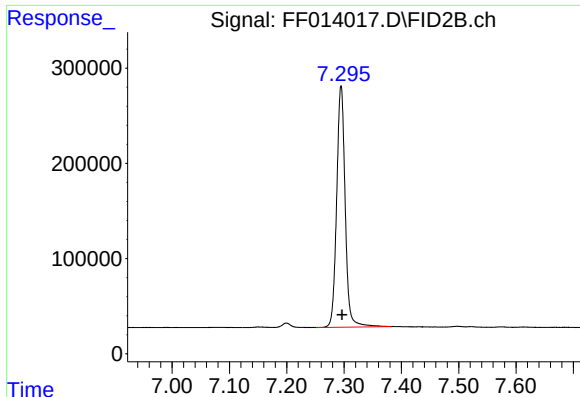
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 2740085
Conc: 20.34 ug/ml



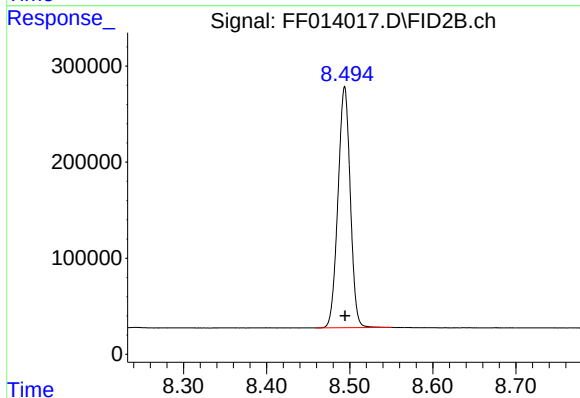
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 2600722
Conc: 20.33 ug/ml



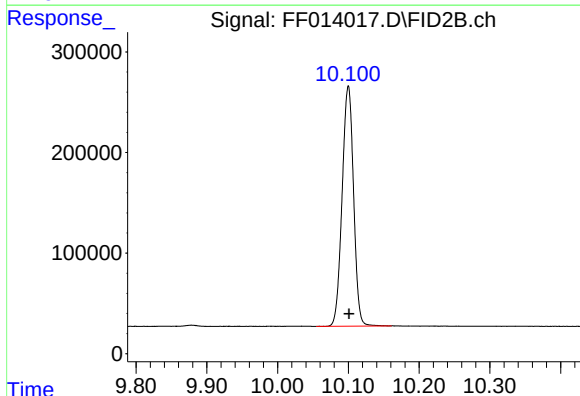
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 2620842
Conc: 20.43 ug/ml



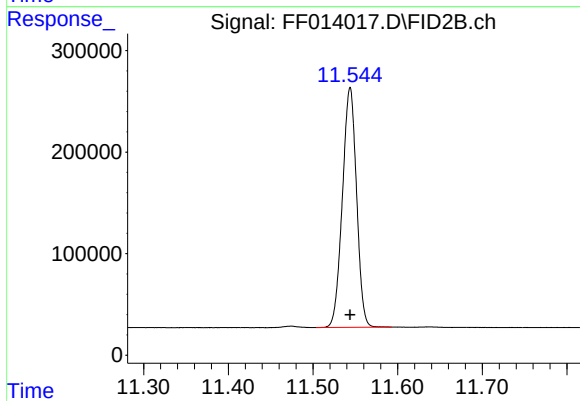
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 2582877
Conc: 20.39 ug/ml



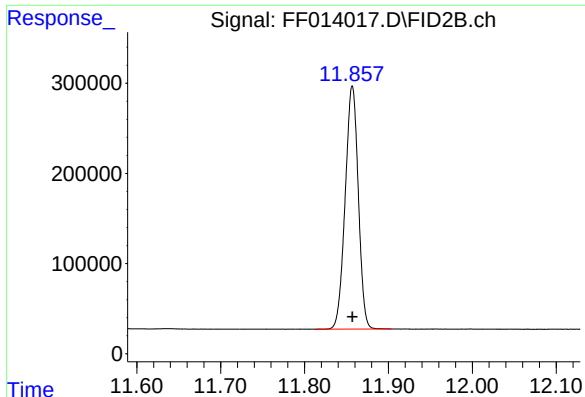
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: 0.000 min
Response: 2681028
Conc: 20.27 ug/ml



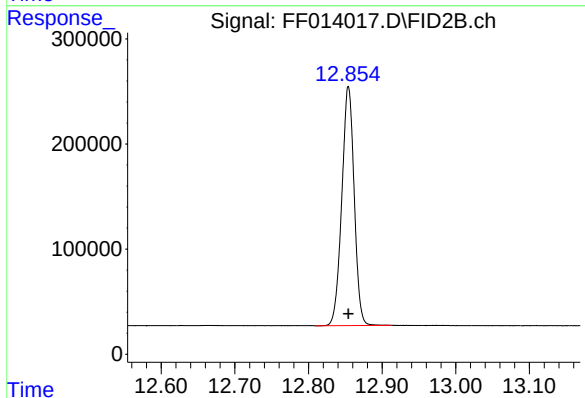
#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 2743471
Conc: 20.15 ug/ml



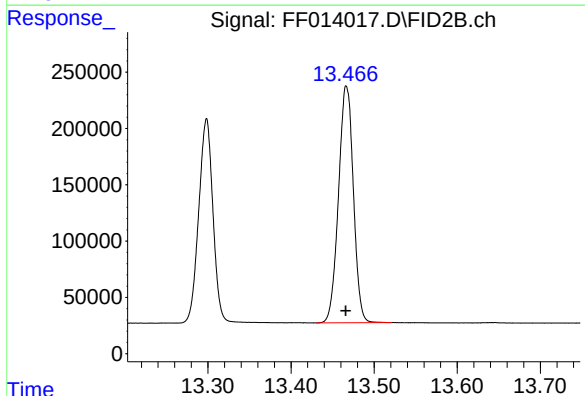
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: 0.000 min
Response: 2926761
Conc: 20.12 ug/ml



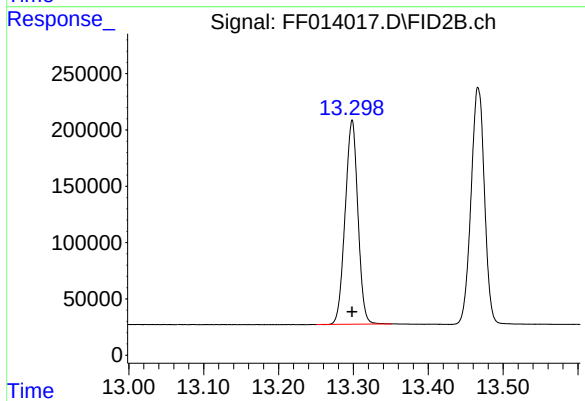
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.000 min
Response: 2656362
Conc: 20.07 ug/ml



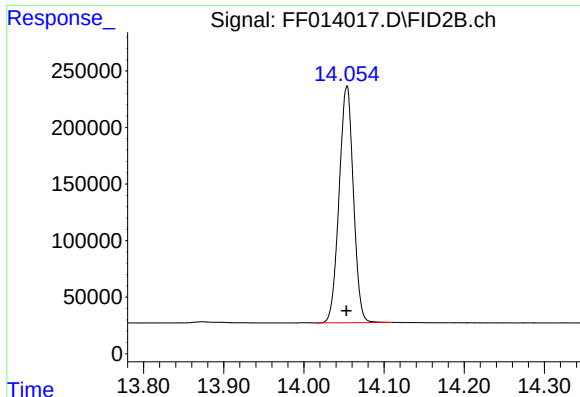
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: 0.000 min
Response: 2616719
Conc: 20.03 ug/ml



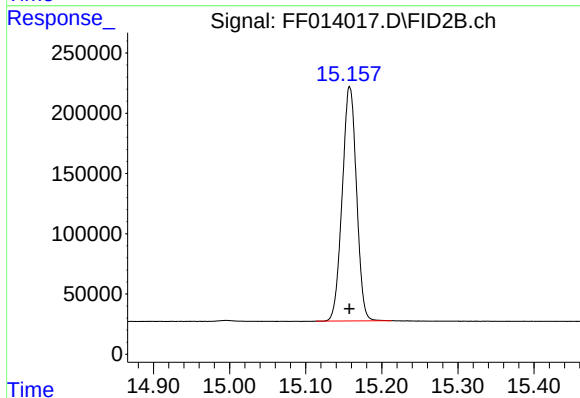
#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 2147261
Conc: 19.90 ug/ml



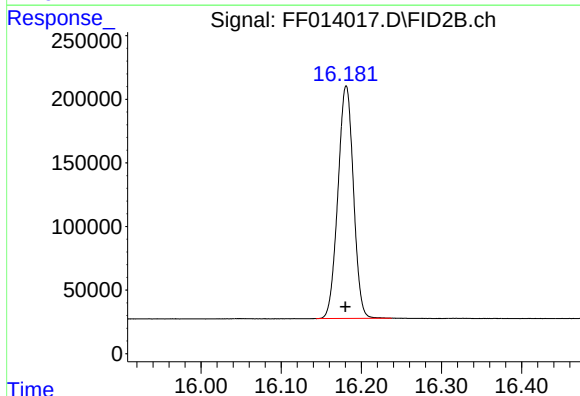
#13 n-Docosane (C22)

R.T.: 14.054 min
Delta R.T.: 0.000 min
Response: 2588782
Conc: 19.96 ug/ml



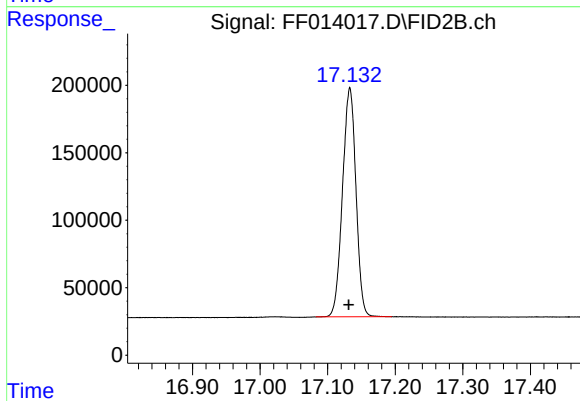
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: 0.000 min
Response: 2543952
Conc: 19.81 ug/ml



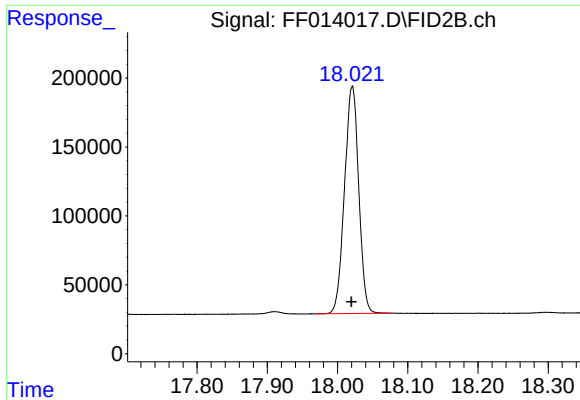
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.001 min
Response: 2456690
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: 0.002 min
Response: 2349802
Conc: 19.74 ug/ml



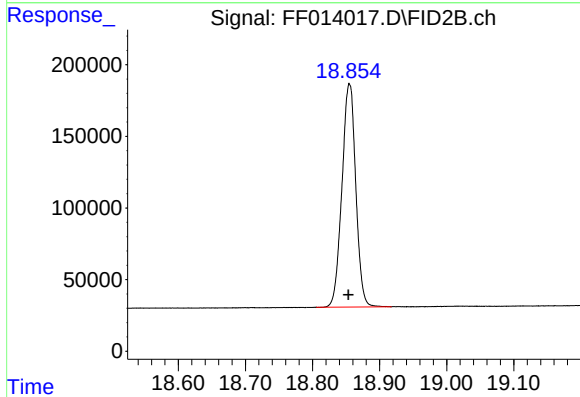
#17 n-Tricontane (C30)

R.T.: 18.021 min

Delta R.T.: 0.001 min

Response: 2321158

Conc: 19.75 ug/ml



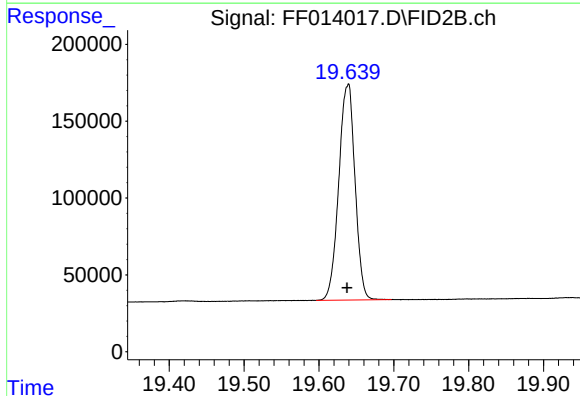
#18 n-Dotriacontane (C32)

R.T.: 18.855 min

Delta R.T.: 0.002 min

Response: 2236259

Conc: 19.75 ug/ml



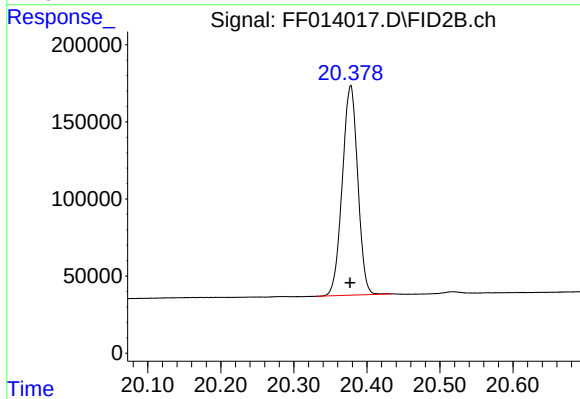
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min

Delta R.T.: 0.001 min

Response: 2120571

Conc: 19.78 ug/ml



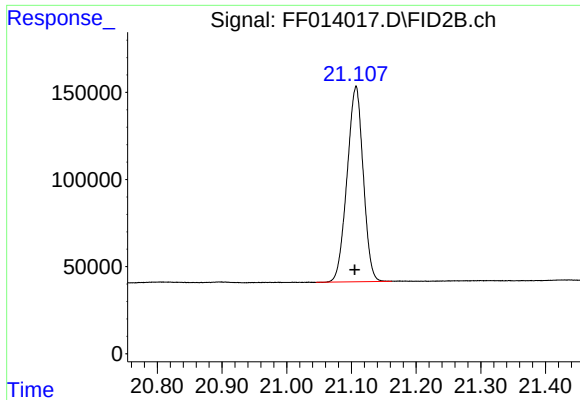
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min

Delta R.T.: 0.000 min

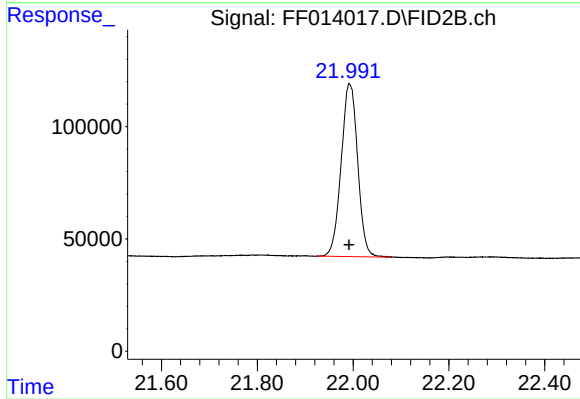
Response: 2002122

Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: 0.002 min
Response: 1942607
Conc: 18.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 1845429
Conc: 18.34 ug/ml