

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045867.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 18:03
 Operator : YP\AJ
 Sample : 05832-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 22:36:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.840	6314457	30.196 ug/ml
Spiked Amount 50.000		Recovery =	60.39%
12) S 1-chlorooctadecane (S...	13.285	5782441	36.750 ug/ml
Spiked Amount 50.000		Recovery =	73.50%
Target Compounds			
1) T n-Nonane (C9)	3.271	33990	0.214 ug/ml
4) T n-Dodecane (C12)	6.643	41689	0.258 ug/ml
6) T n-Tetradecane (C14)	8.471	87046	0.543 ug/ml
7) T n-Hexadecane (C16)	10.081	149754	0.904 ug/ml
8) T n-Octadecane (C18)	11.526	263422	1.536 ug/ml
10) T n-Eicosane (C20)	12.870	285937	1.653 ug/ml
11) T n-Heneicosane (C21)	13.473	1236614	7.188 ug/ml
13) T n-Docosane (C22)	14.051	3346660	19.410 ug/ml
14) T n-Tetracosane (C24)	15.150	3467976	19.865 ug/ml
15) T n-Hexacosane (C26)	16.163	2630156	15.102 ug/ml
16) T n-Octacosane (C28)	17.123	408005	2.361 ug/ml
17) T n-Tricontane (C30)	18.003	180172	1.030 ug/ml
18) T n-Dotriacontane (C32)	18.833	497482	2.727 ug/ml
19) T n-Tetratriacontane (C34)	19.646	146100	0.880 ug/ml
22) T n-Tetracontane (C40)	21.980	771443	5.428 ug/ml

(f)=RT Delta > 1/2 Window

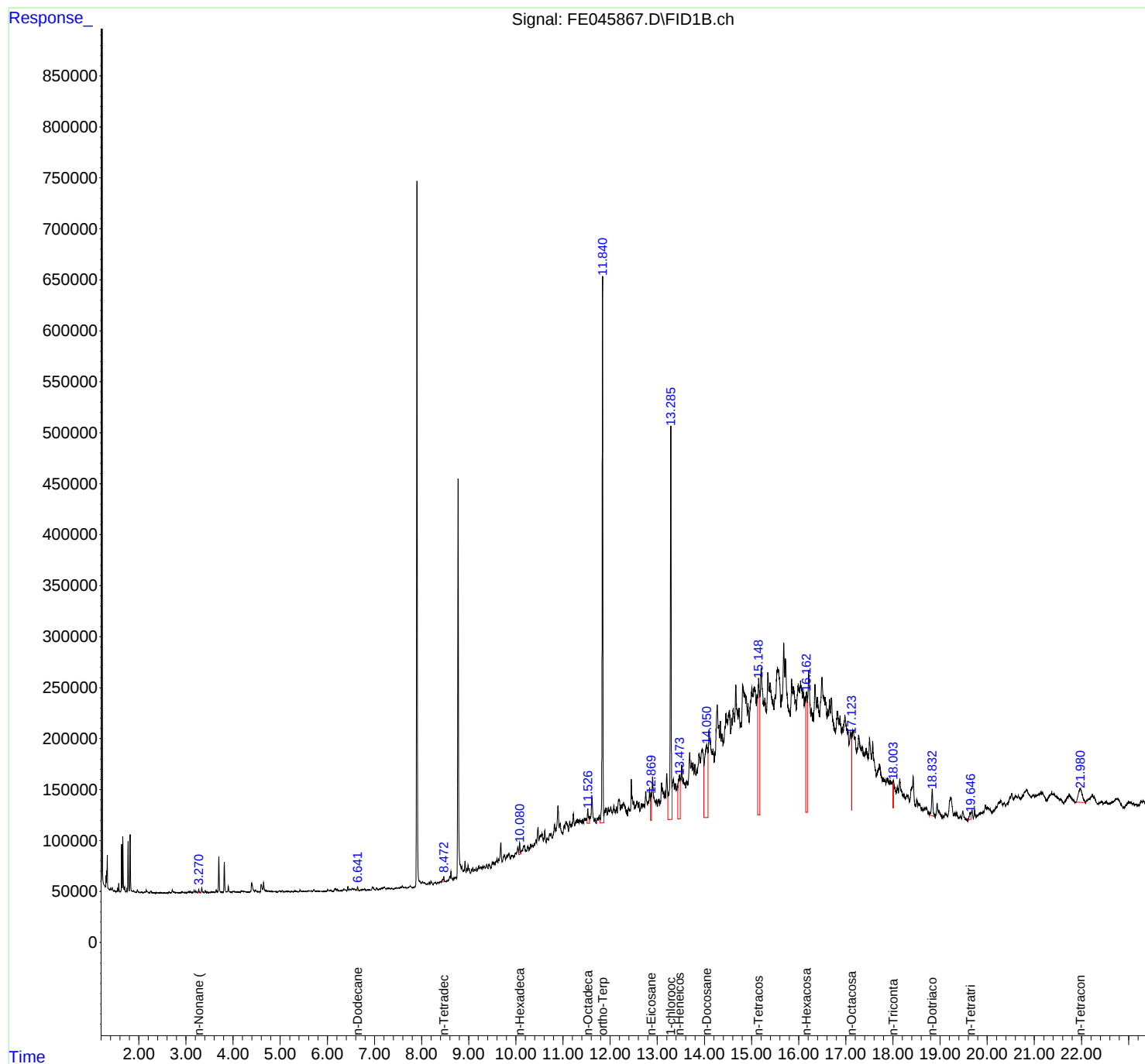
(m)=manual int.

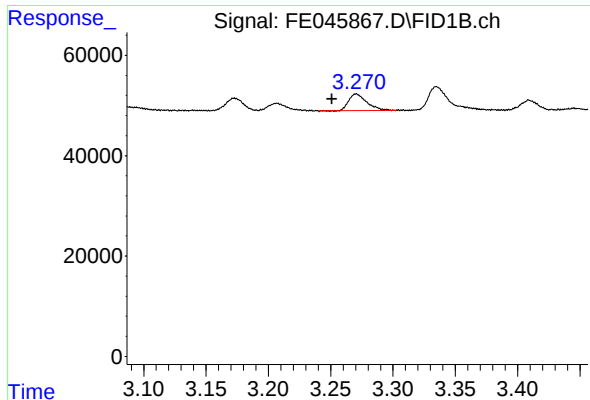
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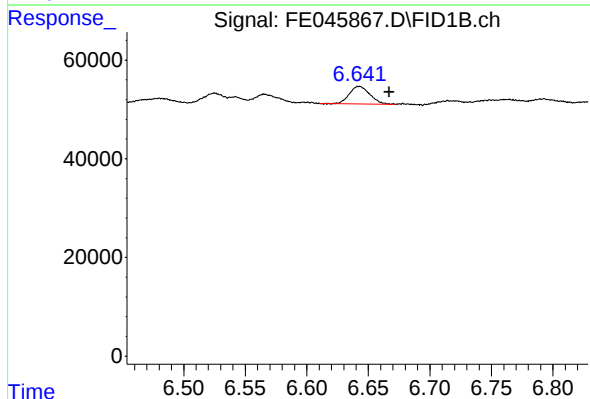




#1 n-Nonane (C9)

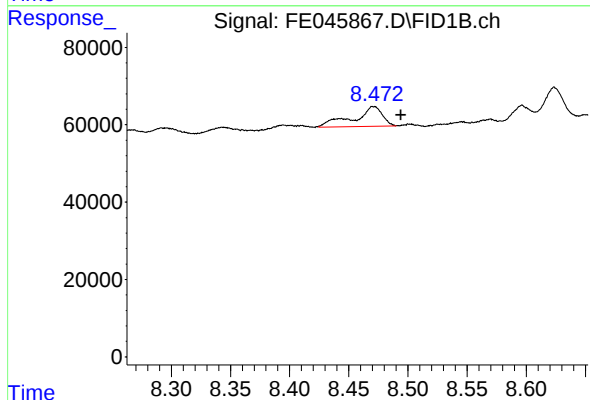
R.T.: 3.271 min
Delta R.T.: 0.020 min
Response: 33990
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



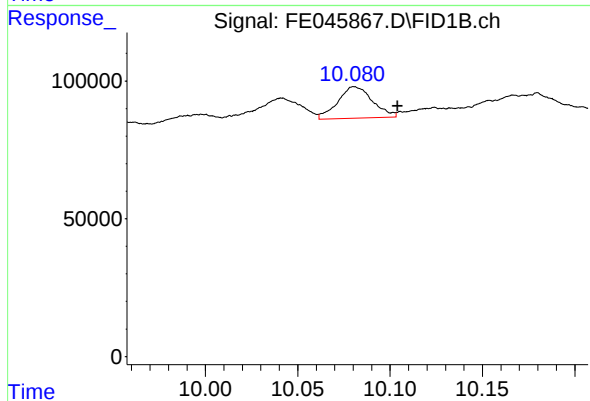
#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: -0.025 min
Response: 41689
Conc: 0.26 ug/ml



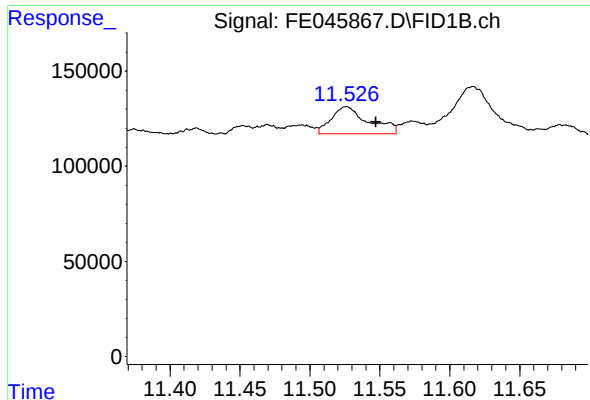
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 87046
Conc: 0.54 ug/ml



#7 n-Hexadecane (C16)

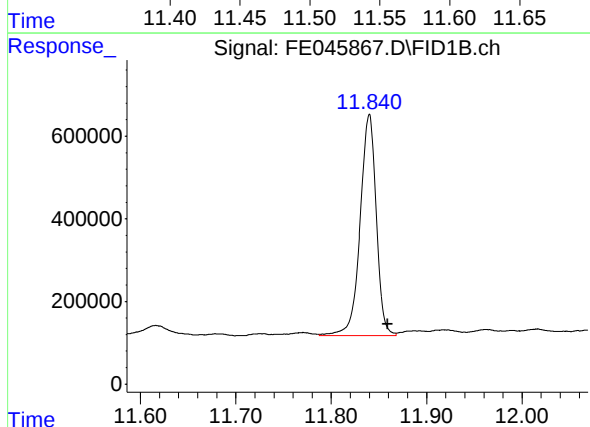
R.T.: 10.081 min
Delta R.T.: -0.023 min
Response: 149754
Conc: 0.90 ug/ml



#8 n-Octadecane (C18)

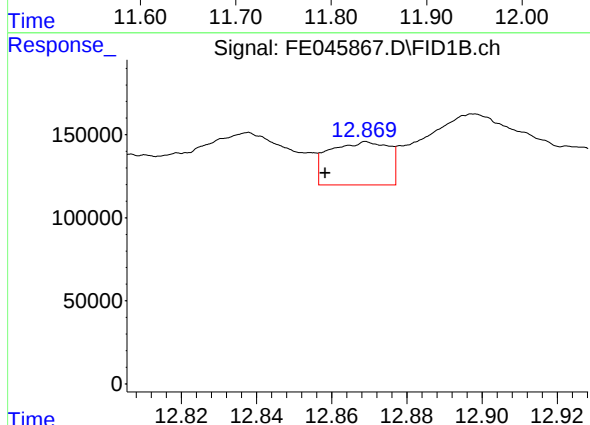
R.T.: 11.526 min
Delta R.T.: -0.021 min
Response: 263422
Conc: 1.54 ug/ml

Instrument :
FID_E
ClientSampleId :



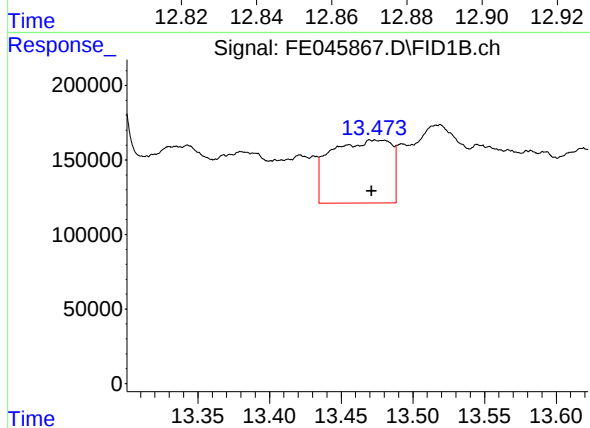
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.019 min
Response: 6314457
Conc: 30.20 ug/ml



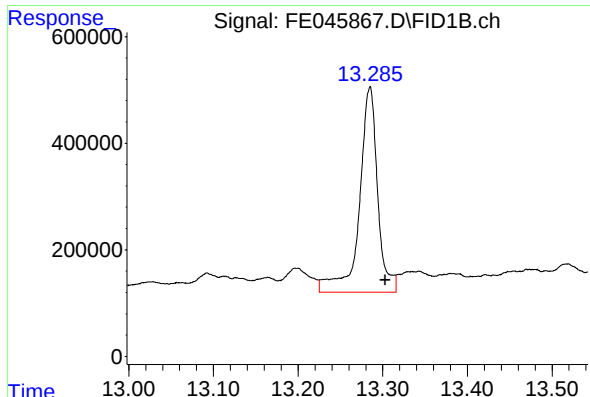
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.011 min
Response: 285937
Conc: 1.65 ug/ml



#11 n-Heneicosane (C21)

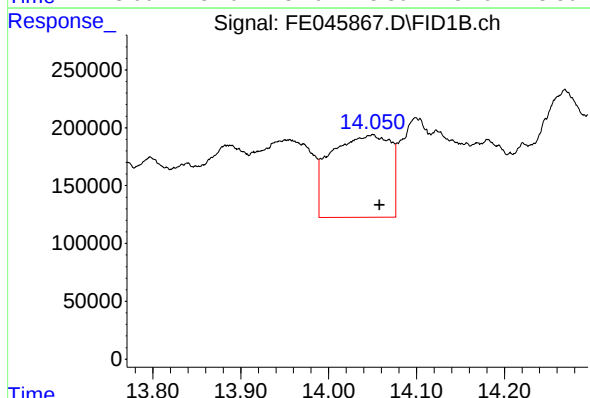
R.T.: 13.473 min
Delta R.T.: 0.002 min
Response: 1236614
Conc: 7.19 ug/ml



#12 1-chlorooctadecane (SURR)

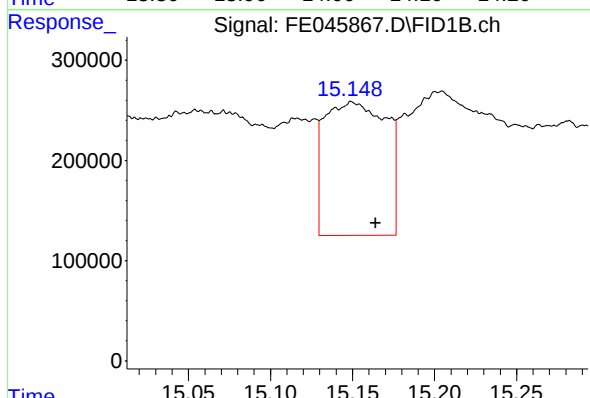
R.T.: 13.285 min
Delta R.T.: -0.018 min
Response: 5782441
Conc: 36.75 ug/ml

Instrument :
FID_E
ClientSampleId :



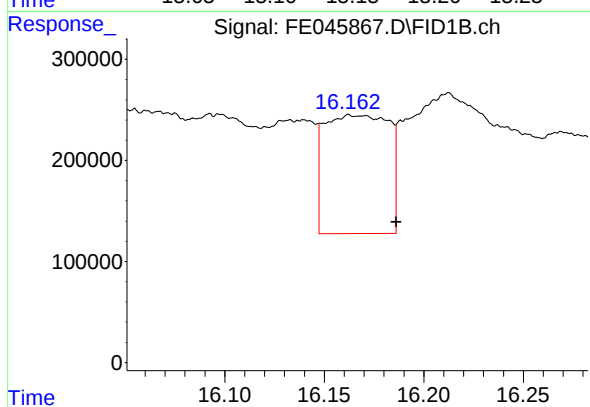
#13 n-Docosane (C22)

R.T.: 14.051 min
Delta R.T.: -0.008 min
Response: 3346660
Conc: 19.41 ug/ml



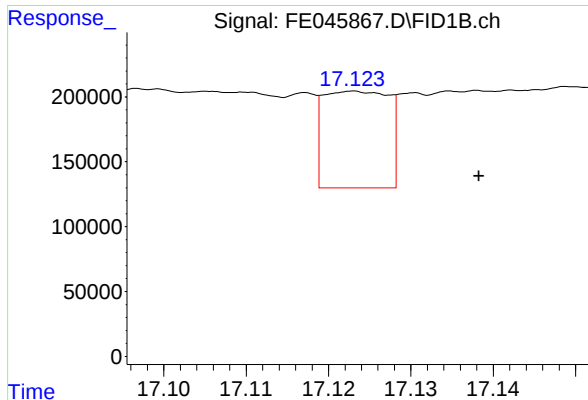
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.015 min
Response: 3467976
Conc: 19.86 ug/ml



#15 n-Hexacosane (C26)

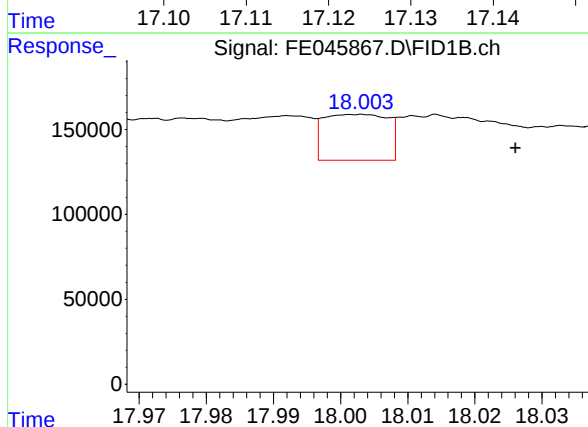
R.T.: 16.163 min
Delta R.T.: -0.023 min
Response: 2630156
Conc: 15.10 ug/ml



#16 n-Octacosane (C28)

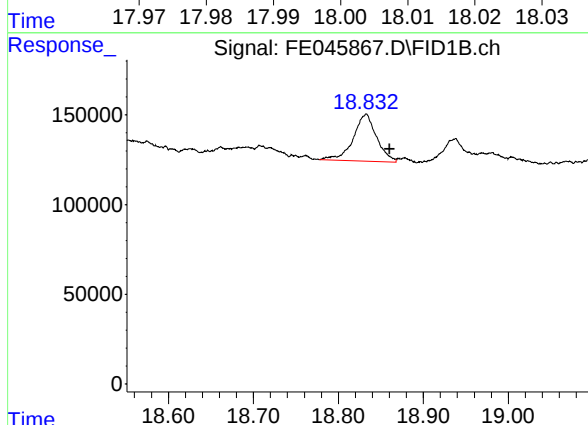
R.T.: 17.123 min
Delta R.T.: -0.015 min
Response: 408005
Conc: 2.36 ug/ml

Instrument :
FID_E
ClientSampleId :



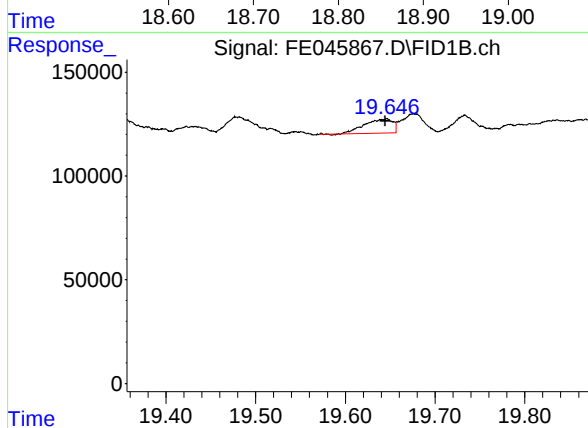
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.023 min
Response: 180172
Conc: 1.03 ug/ml



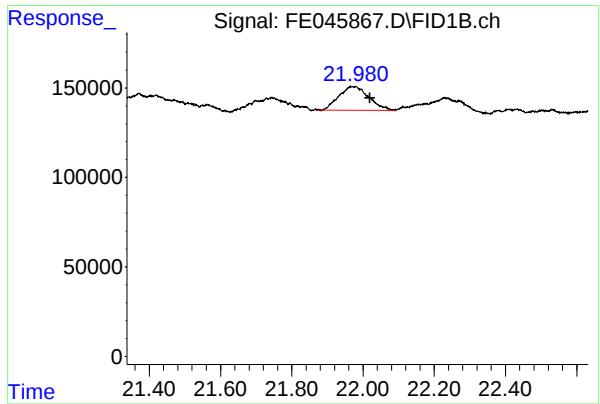
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.027 min
Response: 497482
Conc: 2.73 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.002 min
Response: 146100
Conc: 0.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: -0.039 min
Response: 771443
Conc: 5.43 ug/ml

Instrument :

FID_E

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