

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041624AL\
 Data File : FE047645.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2024 12:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 17 01:19:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.983	3059341	17.639 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
12) S 1-chlorooctadecane (S...	13.416	2379387	17.691 ug/ml
Spiked Amount 50.000		Recovery =	35.38%
Target Compounds			
1) T n-Nonane (C9)	3.361	2830823	18.094 ug/ml
2) T n-Decane (C10)	4.614	2905248	18.077 ug/ml
3) T A~Naphthalene (C11.7)	6.323	3025624	17.845 ug/ml
4) T n-Dodecane (C12)	6.780	2909649	17.927 ug/ml
5) T A~2-methylnaphthalene...	7.419	2910294	17.722 ug/ml
6) T n-Tetradecane (C14)	8.609	2880802	17.907 ug/ml
7) T n-Hexadecane (C16)	10.217	2962183	17.836 ug/ml
8) T n-Octadecane (C18)	11.660	2977662	17.756 ug/ml
10) T n-Eicosane (C20)	12.971	2862365	17.669 ug/ml
11) T n-Heneicosane (C21)	13.583	2809495	17.706 ug/ml
13) T n-Docosane (C22)	14.169	2823132	17.592 ug/ml
14) T n-Tetracosane (C24)	15.271	2874176	17.412 ug/ml
15) T n-Hexacosane (C26)	16.291	2864776	17.331 ug/ml
16) T n-Octacosane (C28)	17.240	2877463	17.364 ug/ml
17) T n-Tricontane (C30)	18.128	3018597	17.780 ug/ml
18) T n-Dotriacontane (C32)	18.961	3041431	18.239 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2969421	18.514 ug/ml
20) T n-Hexatriacontane (C36)	20.483	2973655	18.644 ug/ml
21) T n-Octatriacontane (C38)	21.227	2936660	18.069 ug/ml
22) T n-Tetracontane (C40)	22.159	2871964	17.541 ug/ml

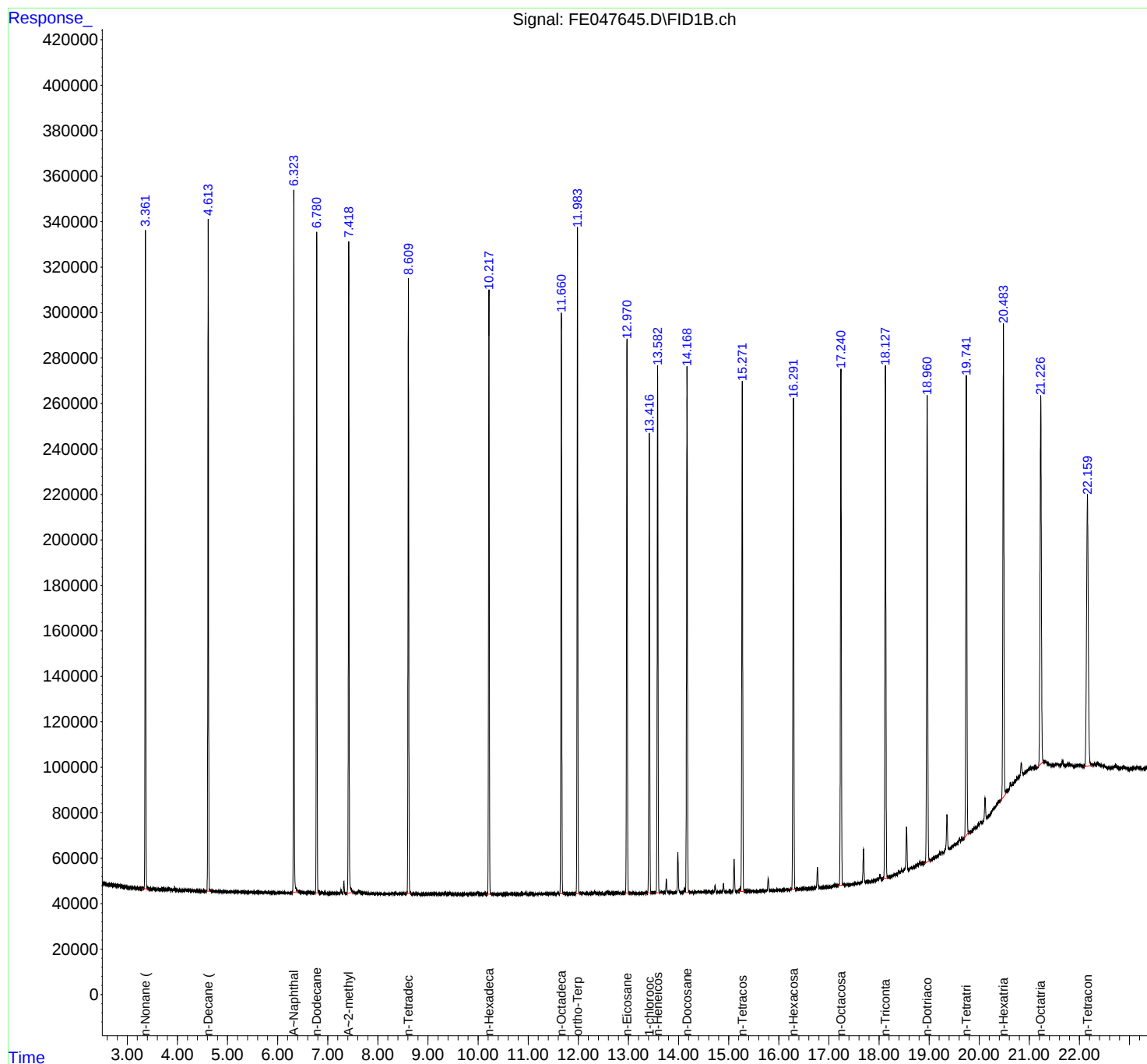
(f)=RT Delta > 1/2 Window

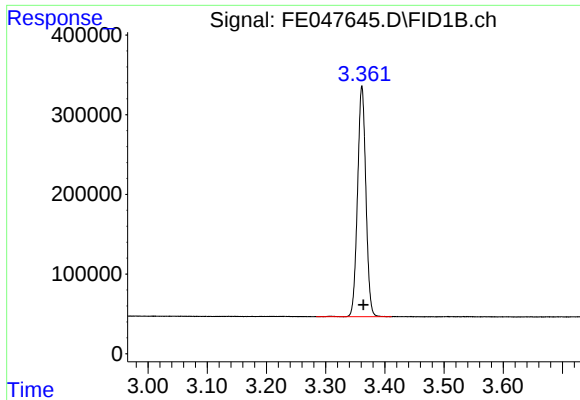
(m)=manual int.

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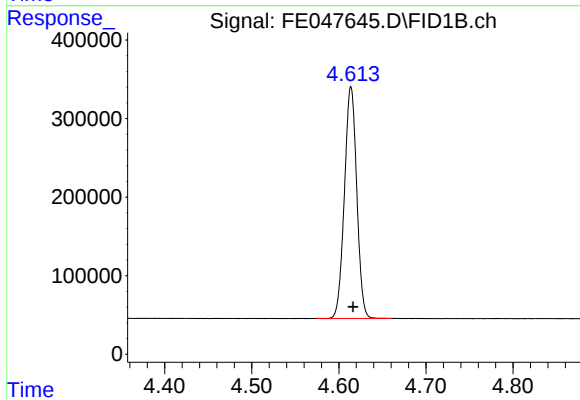
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Signal Info : 20M x 0.18mm x 0.18um





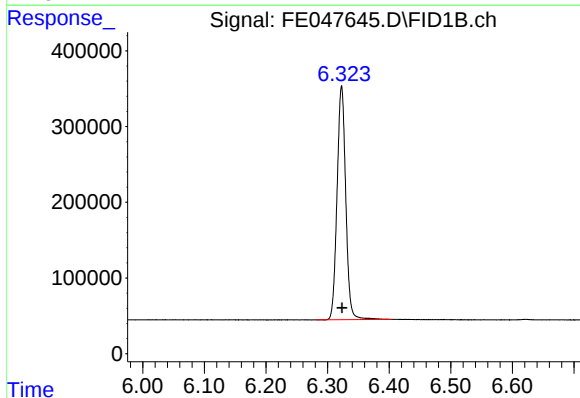
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 2830823
Conc: 18.09 ug/ml



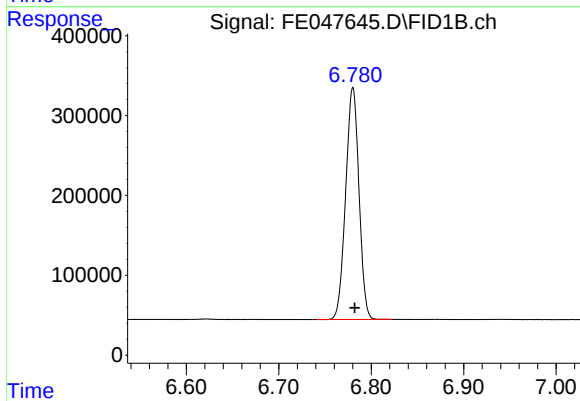
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 2905248
Conc: 18.08 ug/ml



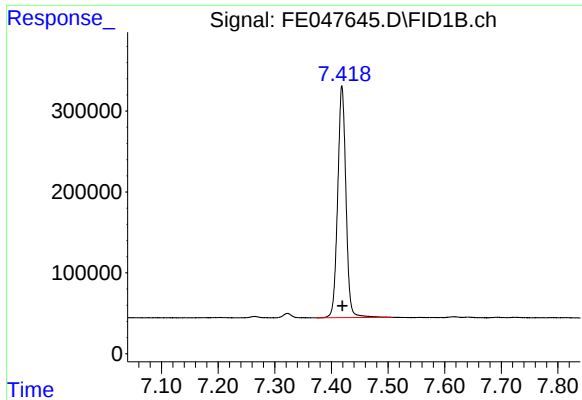
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 3025624
Conc: 17.84 ug/ml



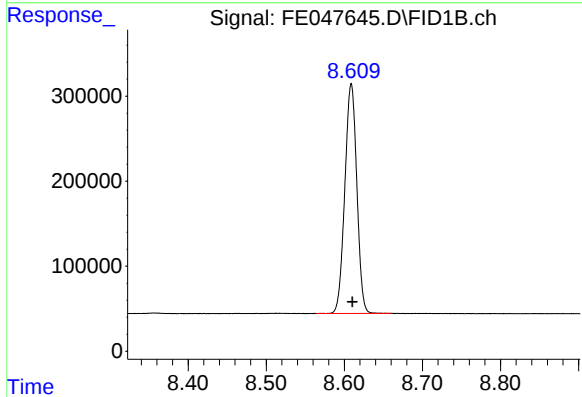
#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 2909649
Conc: 17.93 ug/ml



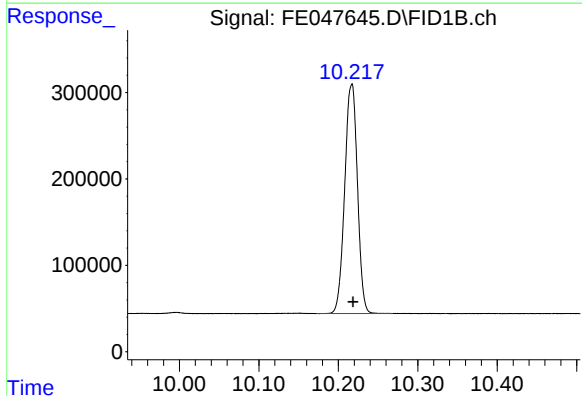
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 2910294
Conc: 17.72 ug/ml



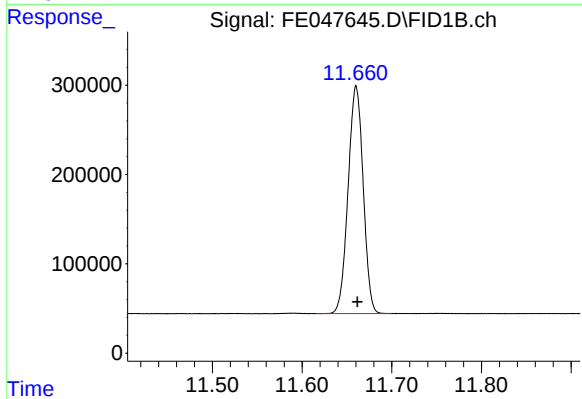
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 2880802
Conc: 17.91 ug/ml



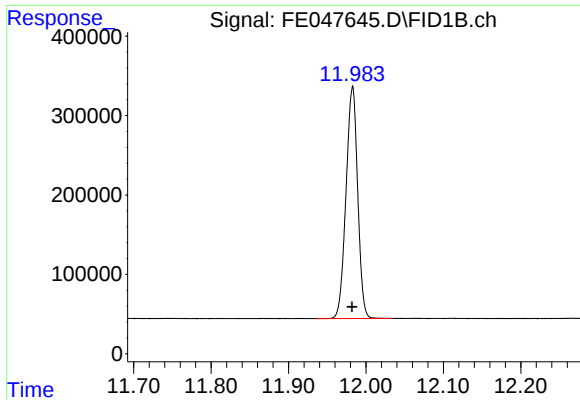
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 2962183
Conc: 17.84 ug/ml



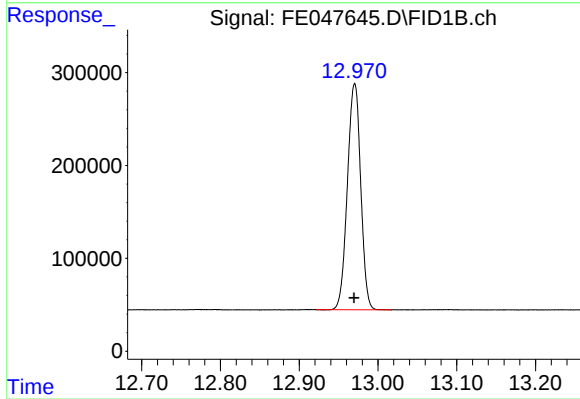
#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.001 min
Response: 2977662
Conc: 17.76 ug/ml



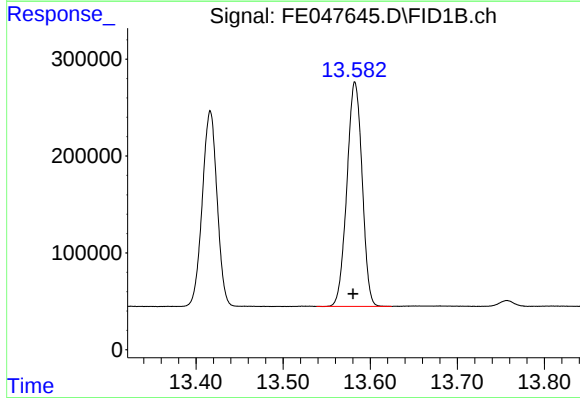
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.000 min
Response: 3059341
Conc: 17.64 ug/ml



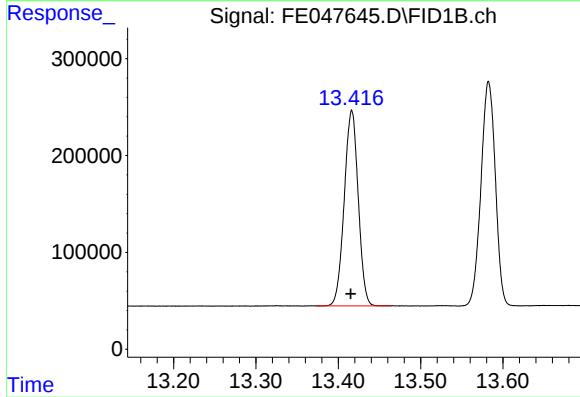
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.000 min
Response: 2862365
Conc: 17.67 ug/ml



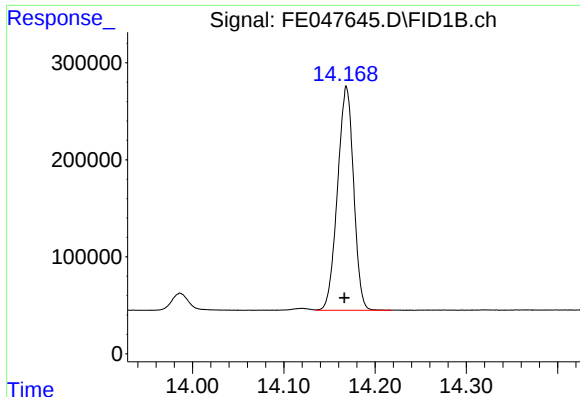
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.002 min
Response: 2809495
Conc: 17.71 ug/ml



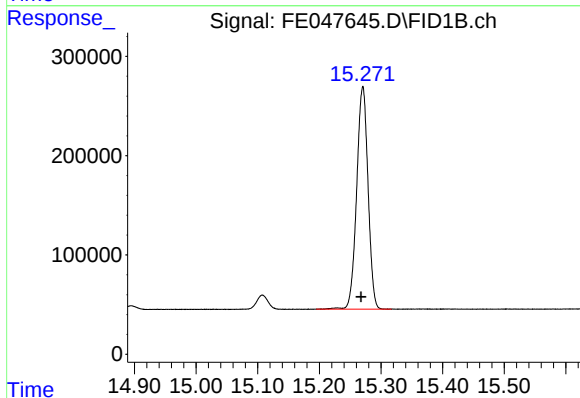
#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.001 min
Response: 2379387
Conc: 17.69 ug/ml



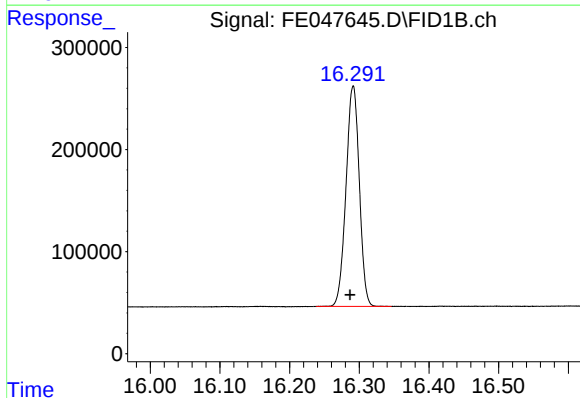
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.003 min
Response: 2823132
Conc: 17.59 ug/ml



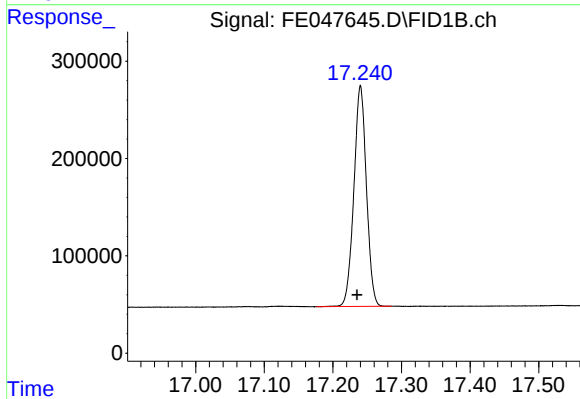
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.003 min
Response: 2874176
Conc: 17.41 ug/ml



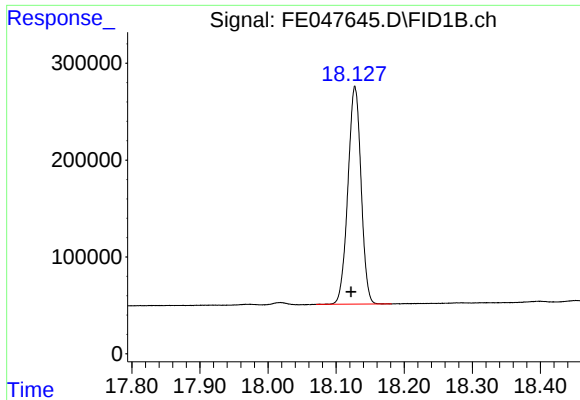
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.004 min
Response: 2864776
Conc: 17.33 ug/ml



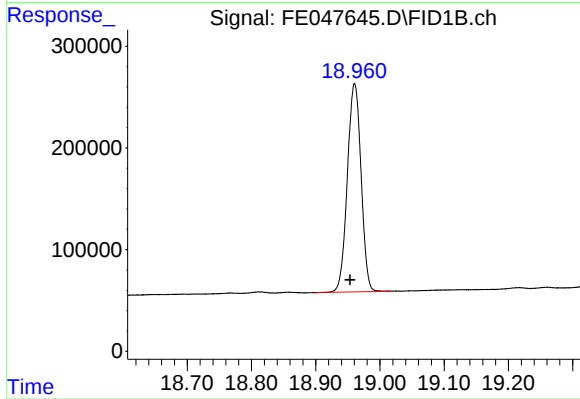
#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.005 min
Response: 2877463
Conc: 17.36 ug/ml



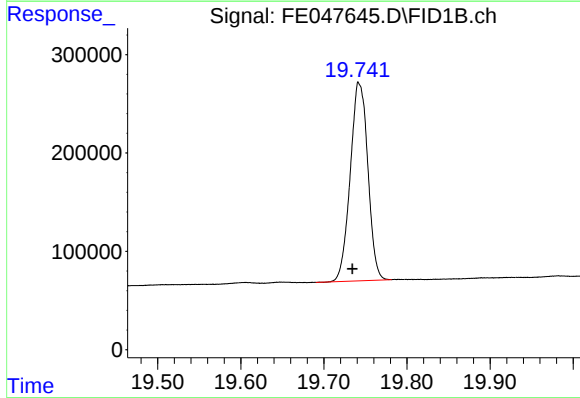
#17 n-Tricontane (C30)

R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 3018597
Conc: 17.78 ug/ml



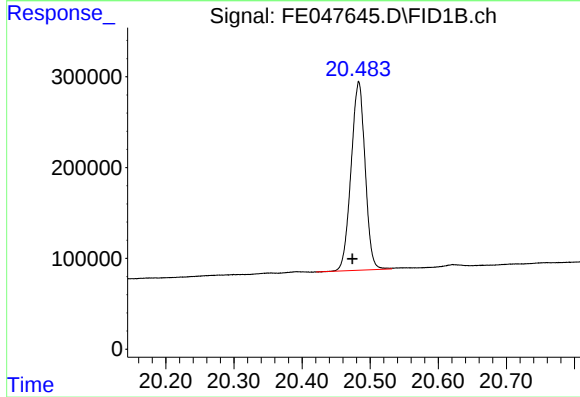
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.007 min
Response: 3041431
Conc: 18.24 ug/ml



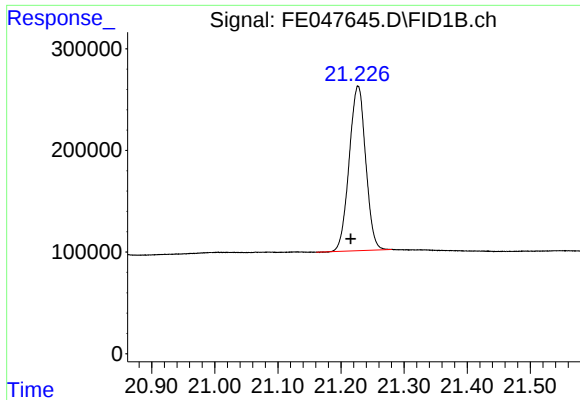
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.008 min
Response: 2969421
Conc: 18.51 ug/ml



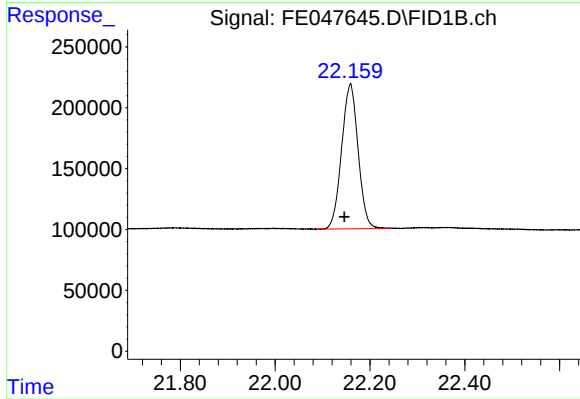
#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.009 min
Response: 2973655
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.011 min
Response: 2936660
Conc: 18.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.013 min
Response: 2871964
Conc: 17.54 ug/ml