

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070523AL\
 Data File : FE043097.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2023 23:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 06 02:35:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.903	3554864	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.340	2633476	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T n-Nonane (C9)	3.283	2942752	19.051 ug/ml
2) T n-Decane (C10)	4.536	3051579	19.319 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3245046	19.165 ug/ml
4) T n-Dodecane (C12)	6.706	3097042	19.348 ug/ml
5) T A~2-methylnaphthalene...	7.342	3093650	19.081 ug/ml
6) T n-Tetradecane (C14)	8.535	3112445	19.557 ug/ml
7) T n-Hexadecane (C16)	10.142	3205782	19.465 ug/ml
8) T n-Octadecane (C18)	11.585	3244268	19.518 ug/ml
10) T n-Eicosane (C20)	12.895	3100098	19.537 ug/ml
11) T n-Heneicosane (C21)	13.506	3018301	19.509 ug/ml
13) T n-Docosane (C22)	14.093	2966531	19.474 ug/ml
14) T n-Tetracosane (C24)	15.195	2913657	19.637 ug/ml
15) T n-Hexacosane (C26)	16.217	2826450	19.771 ug/ml
16) T n-Octacosane (C28)	17.166	2820749	20.338 ug/ml
17) T n-Tricontane (C30)	18.054	3039539	21.492 ug/ml
18) T n-Dotriacontane (C32)	18.887	3098343	22.090 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2977929	21.761 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2840711	21.241 ug/ml
21) T n-Octatriacontane (C38)	21.148	2834596	20.791 ug/ml
22) T n-Tetracontane (C40)	22.060	2900487	20.848 ug/ml

(f)=RT Delta > 1/2 Window

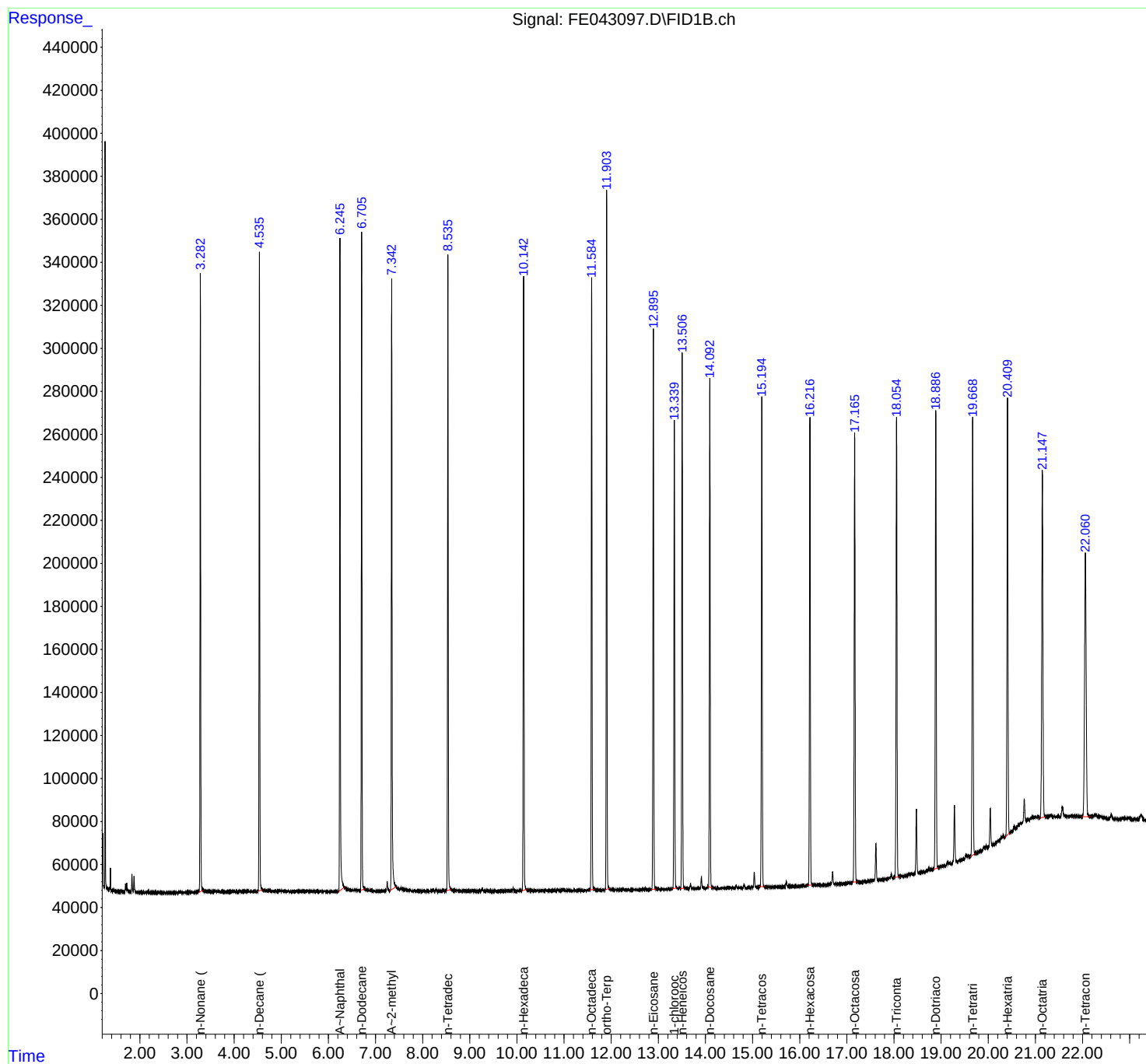
(m)=manual int.

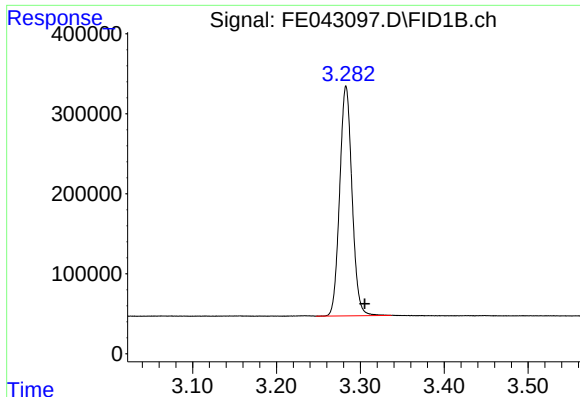
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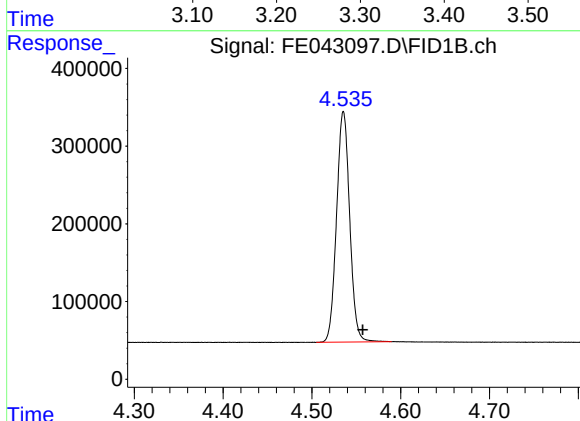




#1 n-Nonane (C9)

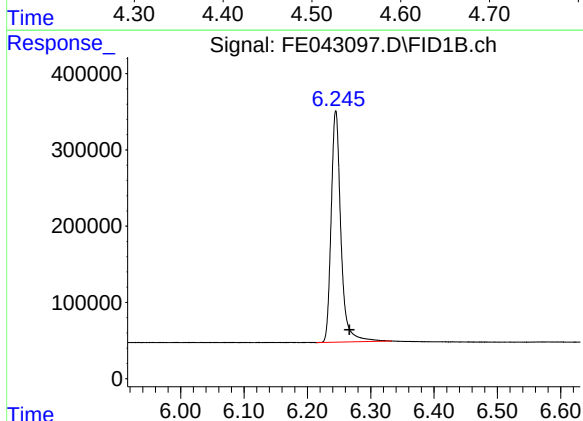
R.T.: 3.283 min
Delta R.T.: -0.022 min
Response: 2942752
Conc: 19.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



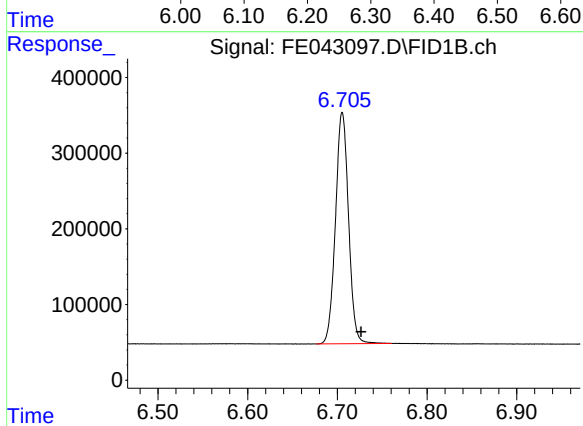
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.022 min
Response: 3051579
Conc: 19.32 ug/ml



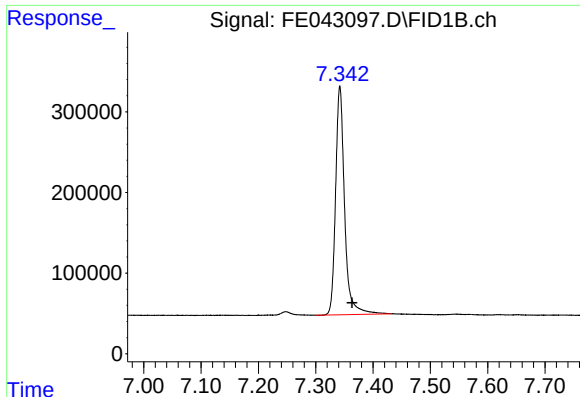
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.021 min
Response: 3245046
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

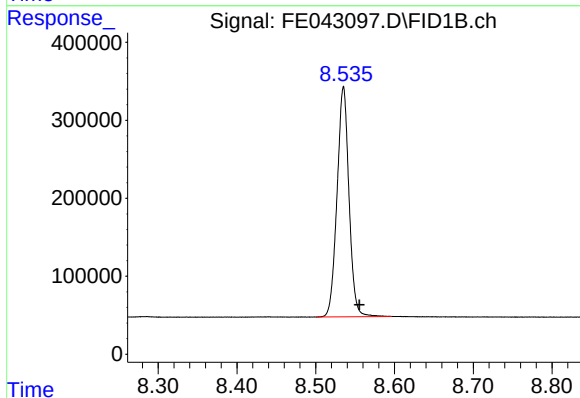
R.T.: 6.706 min
Delta R.T.: -0.021 min
Response: 3097042
Conc: 19.35 ug/ml



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

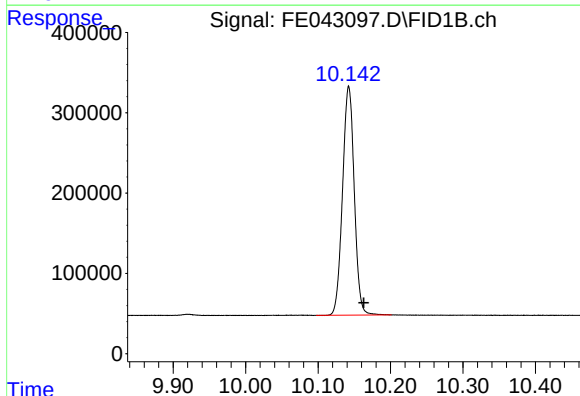
R.T.: 7.342 min
Delta R.T.: -0.021 min
Response: 3093650
Conc: 19.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



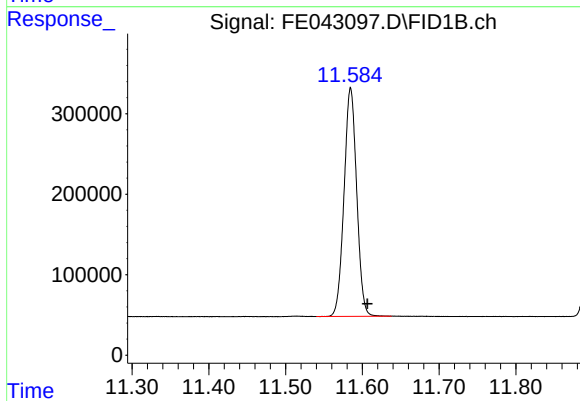
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.020 min
Response: 3112445
Conc: 19.56 ug/ml



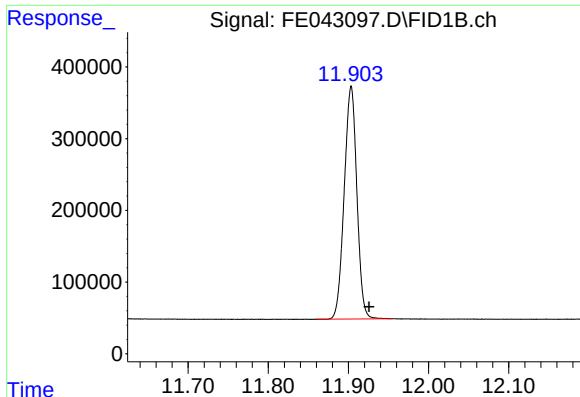
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.021 min
Response: 3205782
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

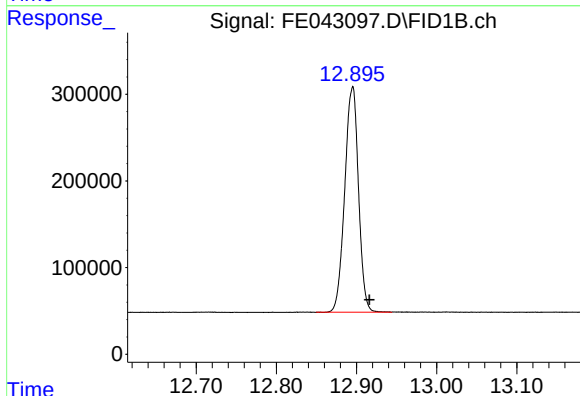
R.T.: 11.585 min
Delta R.T.: -0.022 min
Response: 3244268
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

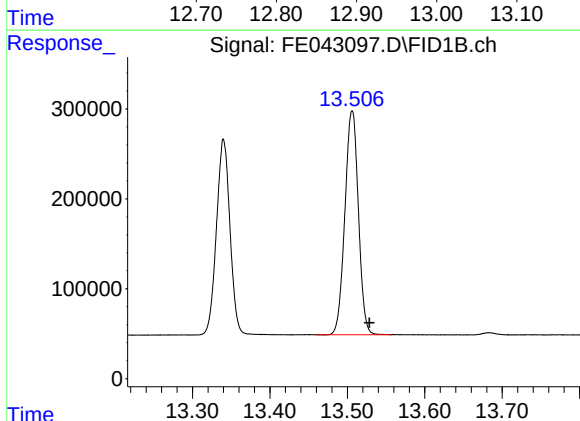
R.T.: 11.903 min
Delta R.T.: -0.022 min
Response: 3554864
Conc: 19.35 ug/ml

Instrument :
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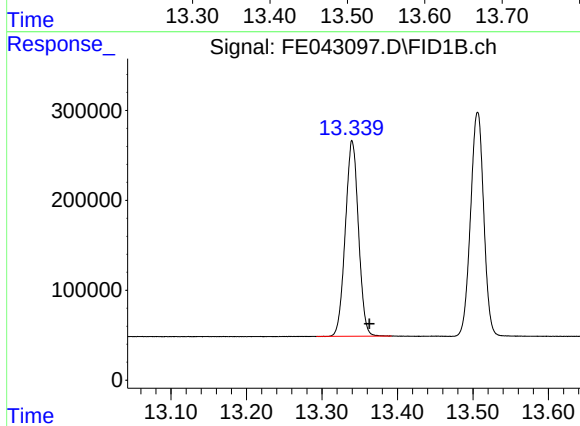
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.021 min
Response: 3100098
Conc: 19.54 ug/ml



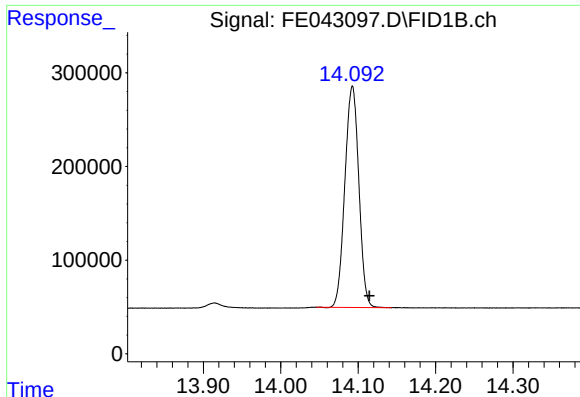
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.022 min
Response: 3018301
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

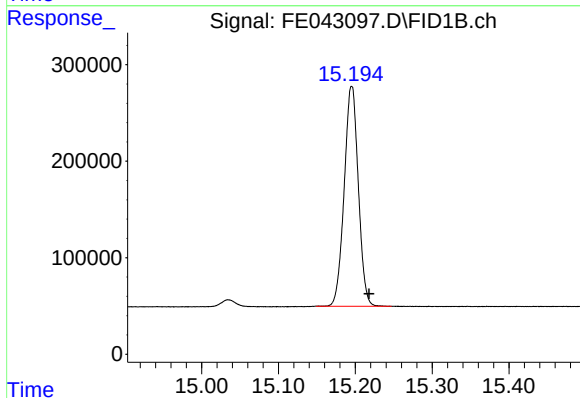
R.T.: 13.340 min
Delta R.T.: -0.023 min
Response: 2633476
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

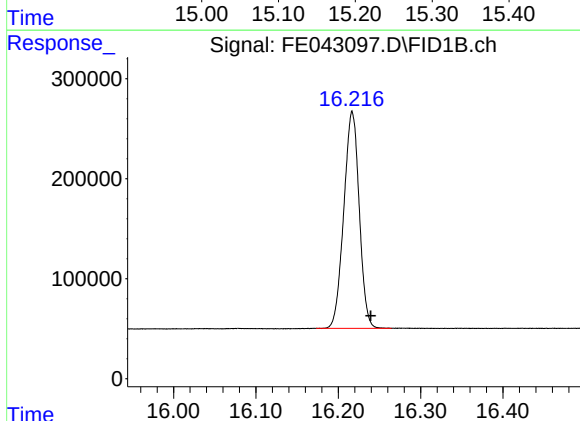
R.T.: 14.093 min
Delta R.T.: -0.022 min
Response: 2966531
Conc: 19.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



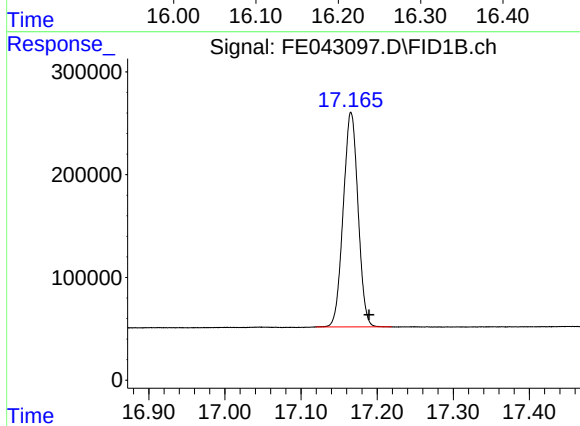
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.023 min
Response: 2913657
Conc: 19.64 ug/ml



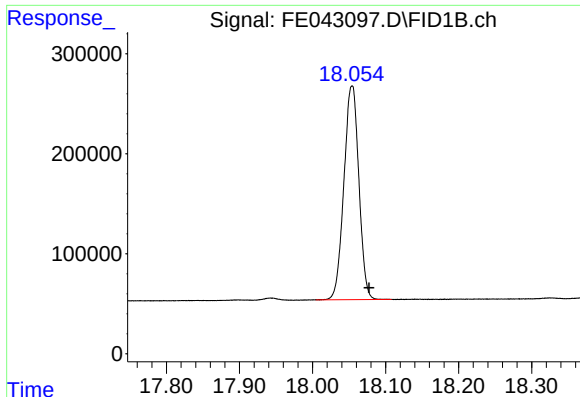
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.023 min
Response: 2826450
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

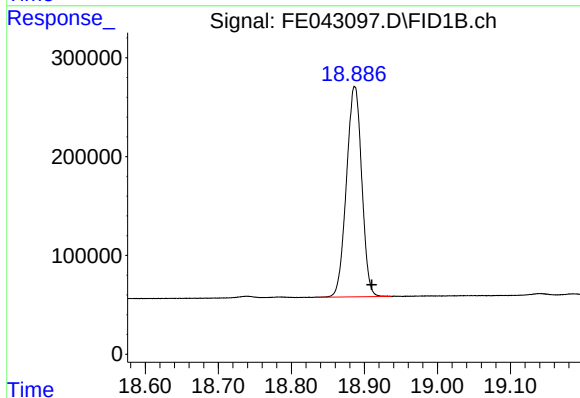
R.T.: 17.166 min
Delta R.T.: -0.024 min
Response: 2820749
Conc: 20.34 ug/ml



#17 n-Tricontane (C30)

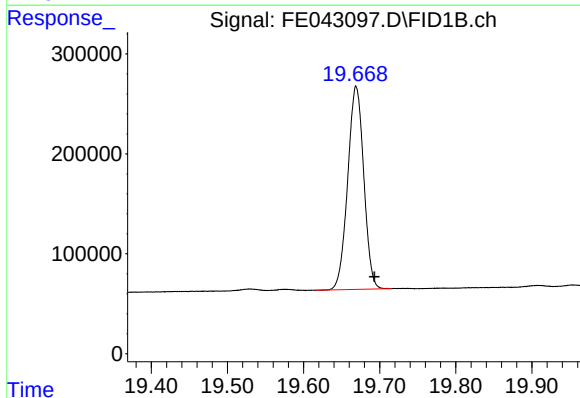
R.T.: 18.054 min
Delta R.T.: -0.023 min
Response: 3039539
Conc: 21.49 ug/ml

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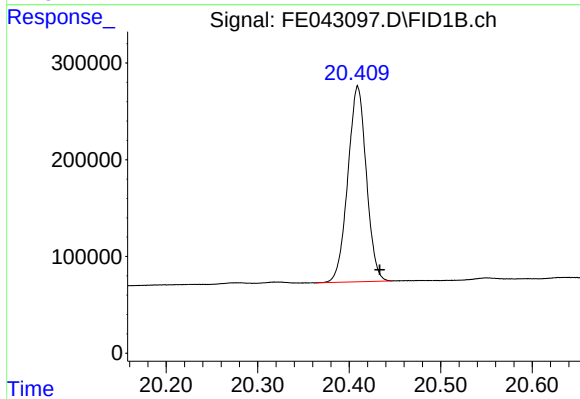
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.023 min
Response: 3098343
Conc: 22.09 ug/ml



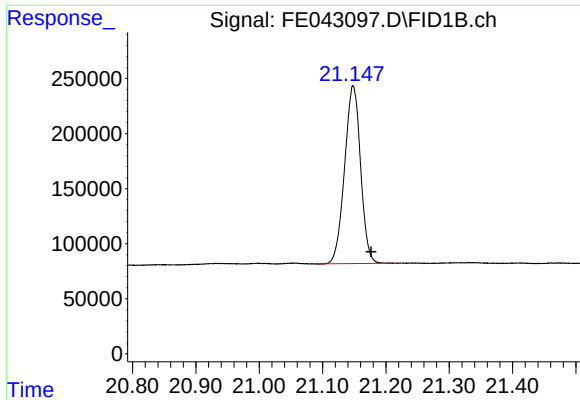
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.024 min
Response: 2977929
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

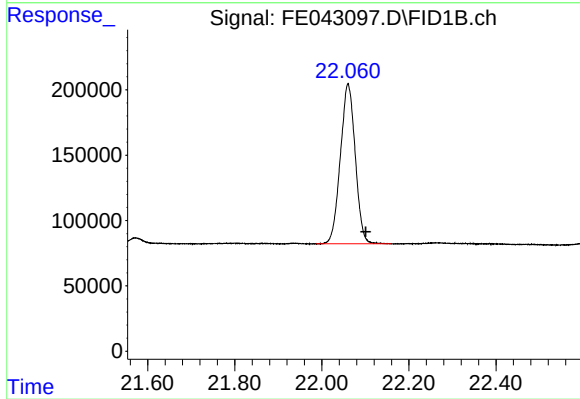
R.T.: 20.409 min
Delta R.T.: -0.024 min
Response: 2840711
Conc: 21.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.028 min
Response: 2834596
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.041 min
Response: 2900487
Conc: 20.85 ug/ml