

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091222AL\
 Data File : FE037490.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2022 11:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 13 06:49:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.642	3061198	18.114 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
12) S 1-chlorooctadecane (S...	13.065	2310569	17.953 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
Target Compounds			
1) T n-Nonane (C9)	3.033	2706024	17.686 ug/ml
2) T n-Decane (C10)	4.291	2835917	18.394 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2833669	19.669 ug/ml
4) T n-Dodecane (C12)	6.464	2929398	18.525 ug/ml
5) T A~2-methylnaphthalene...	7.100	2802993	20.077 ug/ml
6) T n-Tetradecane (C14)	9.883	2947172	18.600 ug/ml
7) T n-Hexadecane (C16)	9.883	2947172	18.600 ug/ml
8) T n-Octadecane (C18)	11.319	2932087	18.413 ug/ml
10) T n-Eicosane (C20)	12.622	2868510	18.130 ug/ml
11) T n-Heneicosane (C21)	13.231	2827439	17.930 ug/ml
13) T n-Docosane (C22)	13.816	2781559	17.868 ug/ml
14) T n-Tetracosane (C24)	14.912	2682989	17.839 ug/ml
15) T n-Hexacosane (C26)	15.930	2596734	17.933 ug/ml
16) T n-Octacosane (C28)	16.876	2585573	18.663 ug/ml
17) T n-Tricontane (C30)	17.759	2791289	20.519 ug/ml
18) T n-Dotriacontane (C32)	18.588	2864590	21.452 ug/ml
19) T n-Tetratriacontane (C34)	19.368	2709917	21.418 ug/ml
20) T n-Hexatriacontane (C36)	20.105	2721601	21.161 ug/ml
21) T n-Octatriacontane (C38)	20.804	2630326	21.134 ug/ml
22) T n-Tetracontane (C40)	21.585	2842857	22.052 ug/mlm

(f)=RT Delta > 1/2 Window

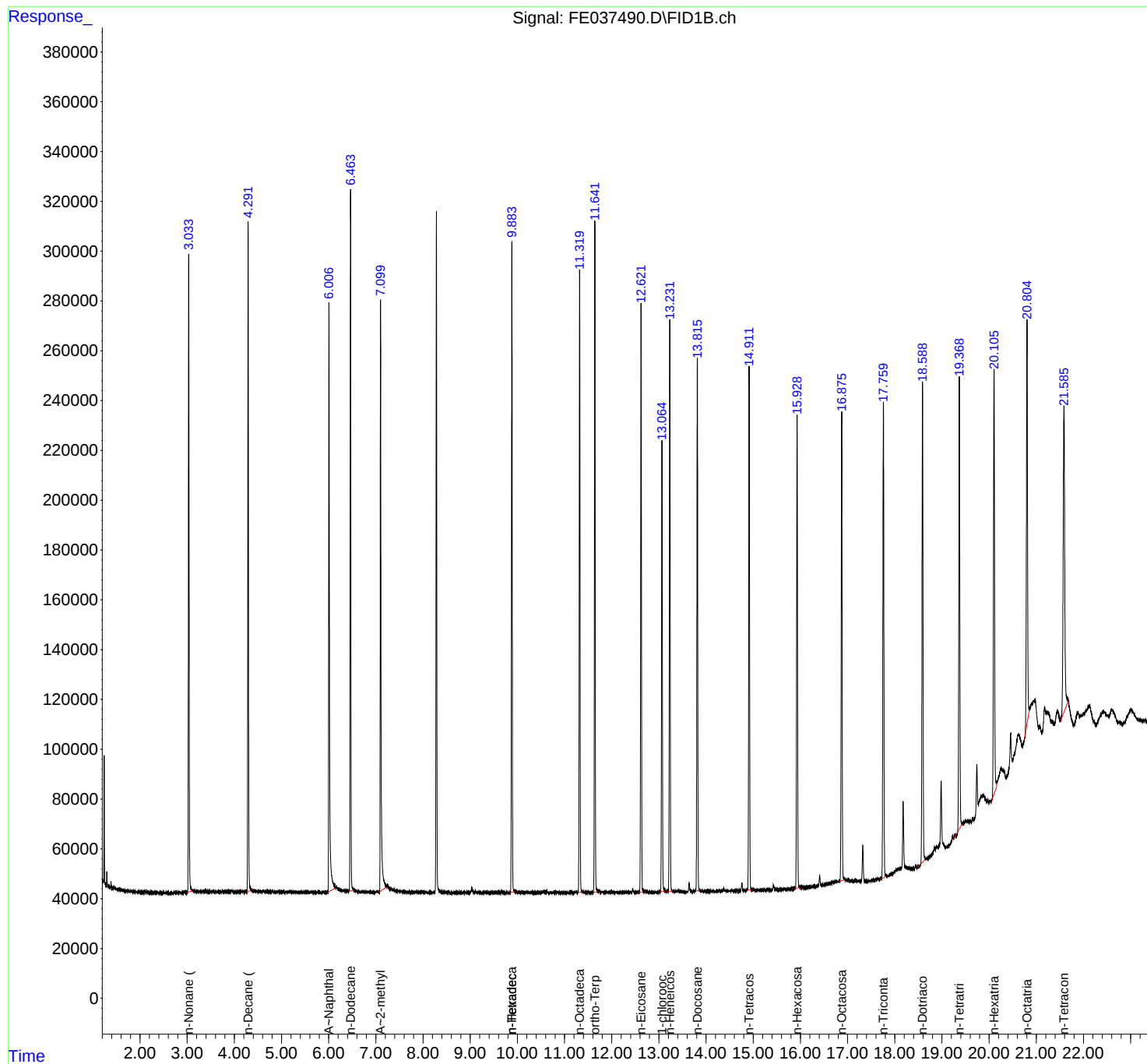
(m)=manual int.

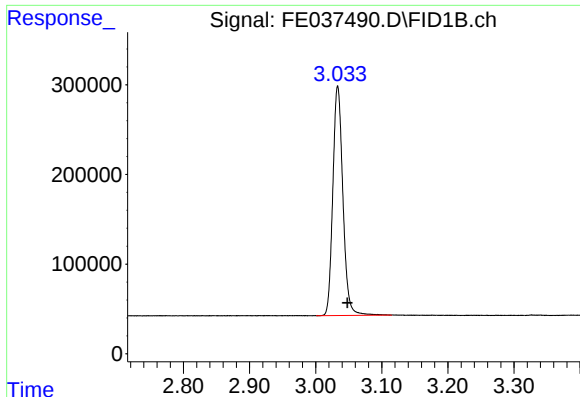
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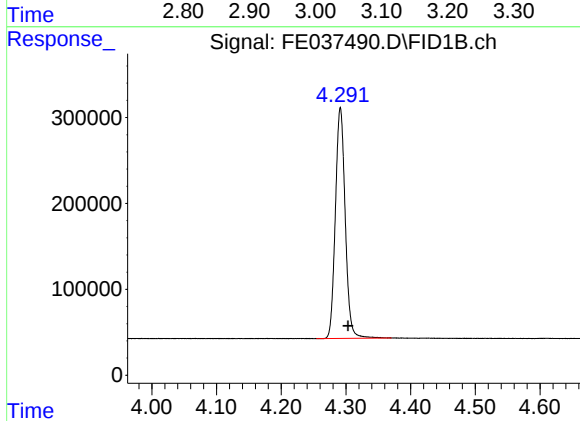




#1 n-Nonane (C9)

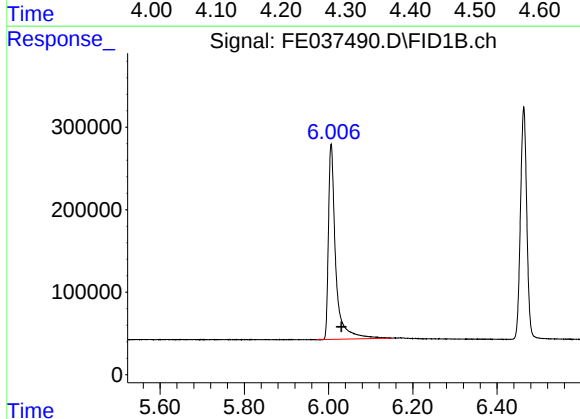
R.T.: 3.033 min
Delta R.T.: -0.015 min
Response: 2706024
Conc: 17.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



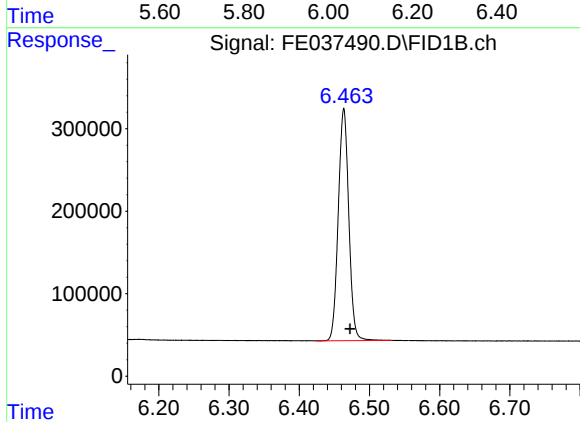
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.012 min
Response: 2835917
Conc: 18.39 ug/ml



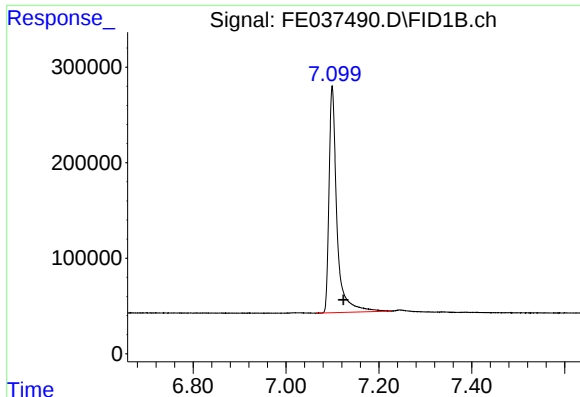
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.024 min
Response: 2833669
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

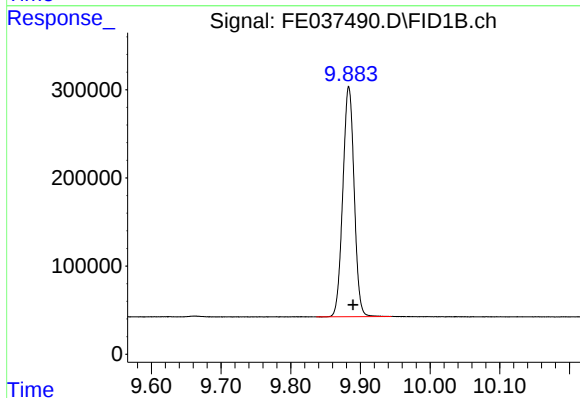
R.T.: 6.464 min
Delta R.T.: -0.009 min
Response: 2929398
Conc: 18.52 ug/ml



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

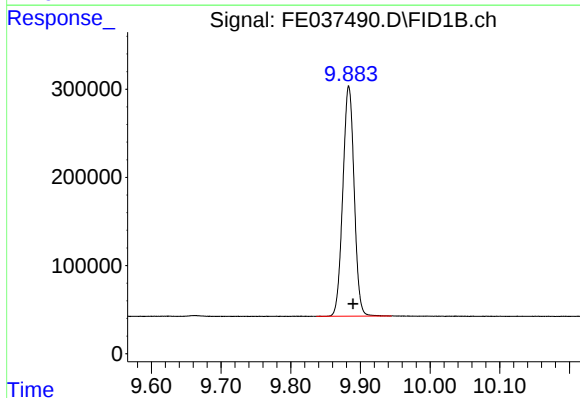
R.T.: 7.100 min
Delta R.T.: -0.024 min
Response: 2802993
Conc: 20.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



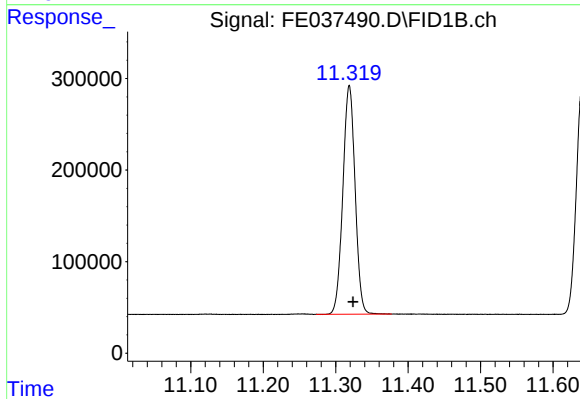
#6 n-Tetradecane (C14)

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 2947172
Conc: 18.60 ug/ml



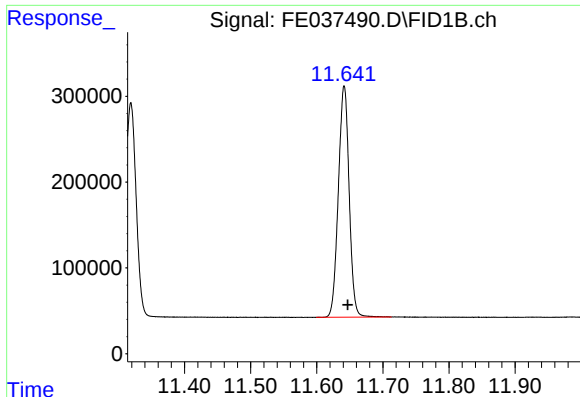
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 2947172
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

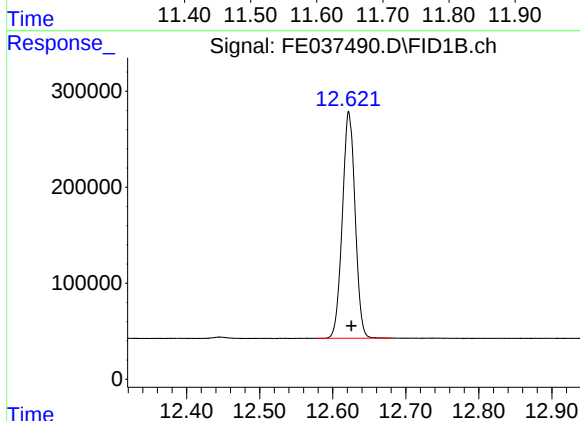
R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 2932087
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

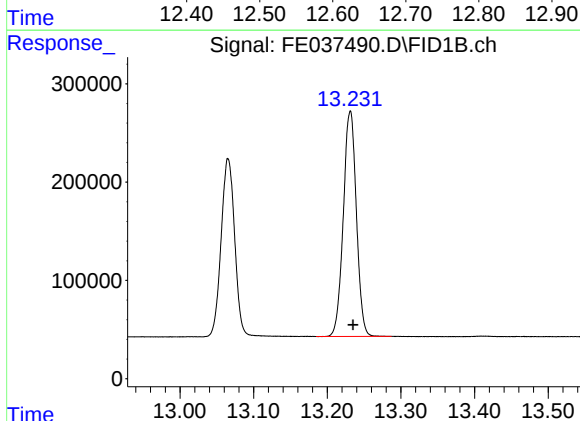
R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 3061198
Conc: 18.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



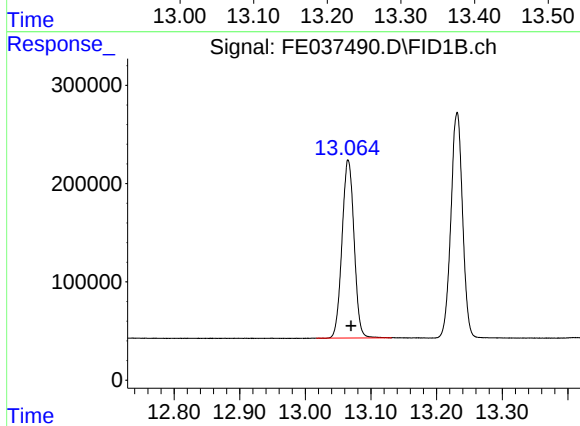
#10 n-Eicosane (C20)

R.T.: 12.622 min
Delta R.T.: -0.003 min
Response: 2868510
Conc: 18.13 ug/ml



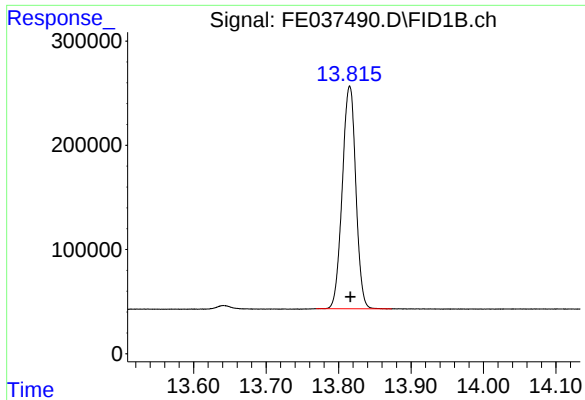
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.003 min
Response: 2827439
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

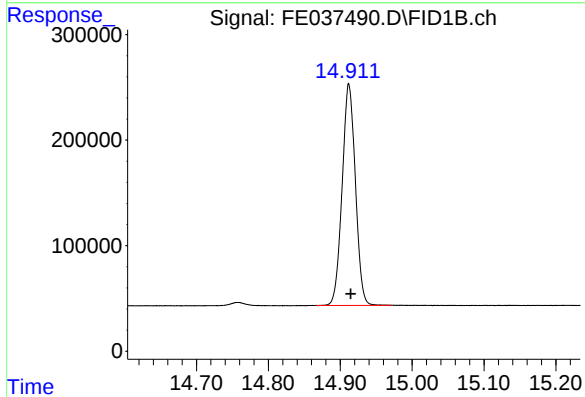
R.T.: 13.065 min
Delta R.T.: -0.004 min
Response: 2310569
Conc: 17.95 ug/ml



#13 n-Docosane (C22)

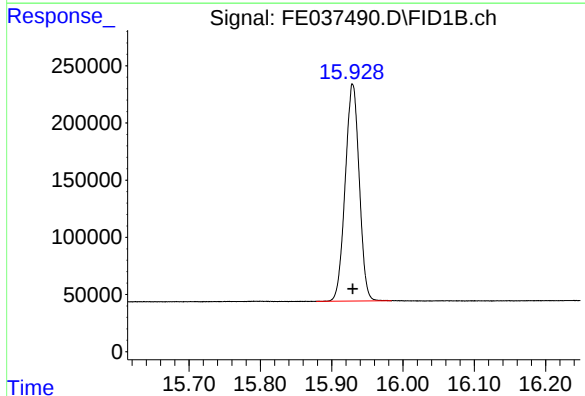
R.T.: 13.816 min
Delta R.T.: 0.000 min
Response: 2781559
Conc: 17.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



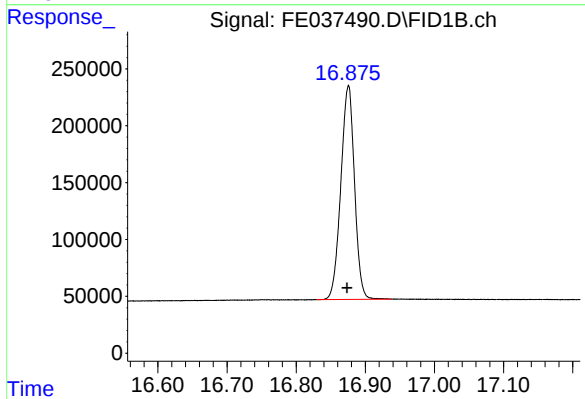
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: -0.003 min
Response: 2682989
Conc: 17.84 ug/ml



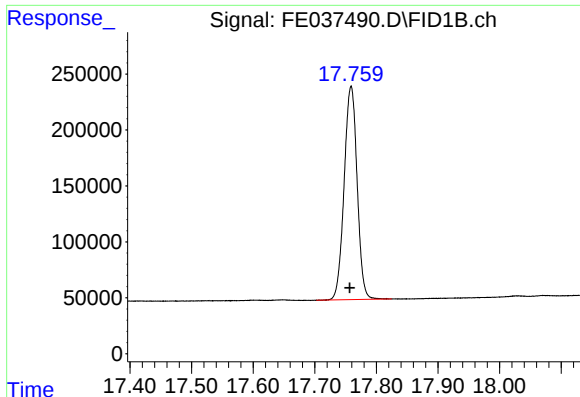
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: 0.000 min
Response: 2596734
Conc: 17.93 ug/ml



#16 n-Octacosane (C28)

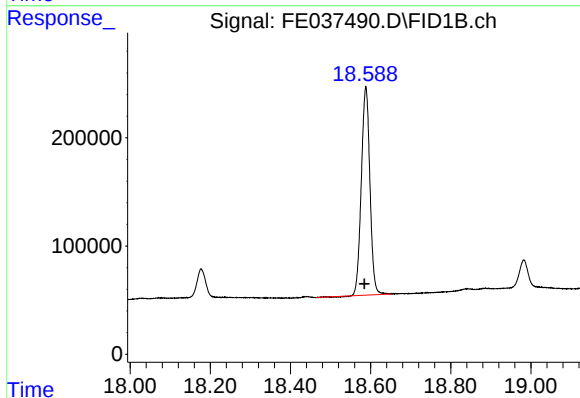
R.T.: 16.876 min
Delta R.T.: 0.002 min
Response: 2585573
Conc: 18.66 ug/ml



#17 n-Tricontane (C30)

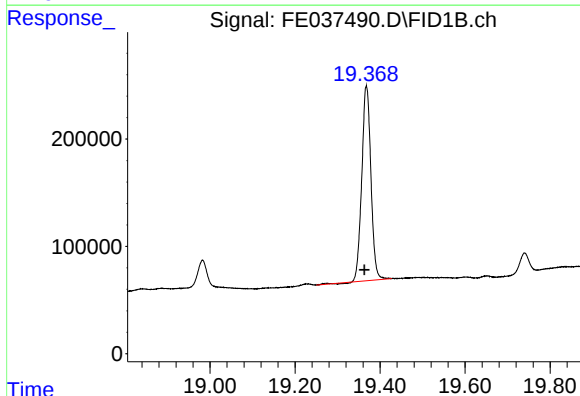
R.T.: 17.759 min
Delta R.T.: 0.002 min
Response: 2791289
Conc: 20.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



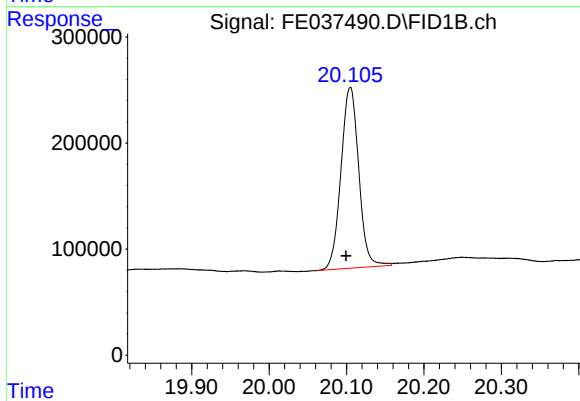
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: 0.004 min
Response: 2864590
Conc: 21.45 ug/ml



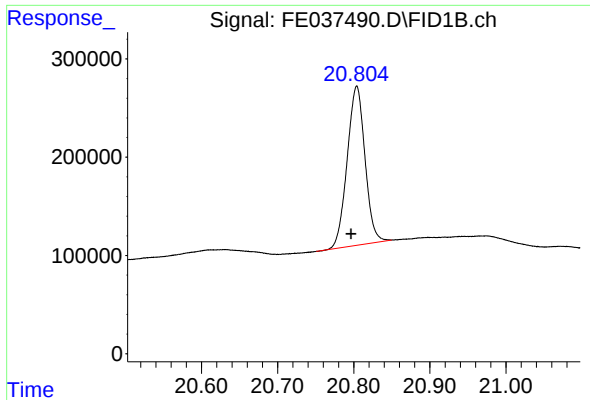
#19 n-Tetratriacontane (C34)

R.T.: 19.368 min
Delta R.T.: 0.005 min
Response: 2709917
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

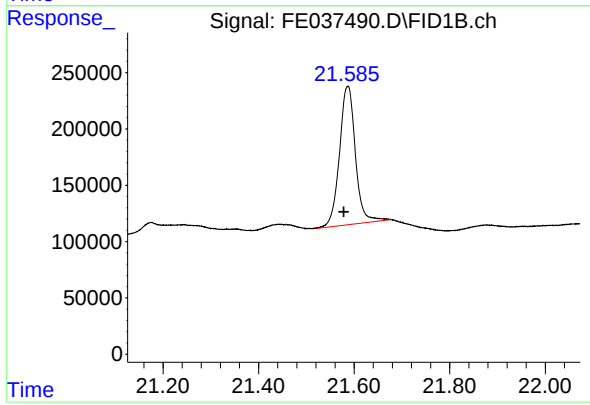
R.T.: 20.105 min
Delta R.T.: 0.006 min
Response: 2721601
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.007 min
Response: 2630326
Conc: 21.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: 0.007 min
Response: 2842857
Conc: 22.05 ug/ml m