

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049975.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 14:45
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 09 16:13:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:11:00 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)	11.887	14118068	98.735 ug/ml
Spiked Amount 50.000		Recovery =	197.47%
12) S 1-chlorooctadecane (S...	13.320	10830362	99.145 ug/ml
Spiked Amount 50.000		Recovery =	198.29%
Target Compounds			
1) T n-Nonane (C9)	3.270	12886910	98.518 ug/ml
2) T n-Decane (C10)	4.522	13133580	98.626 ug/ml
3) T A~Naphthalene (C11.7)	6.230	13885004	100.189 ug/ml
4) T n-Dodecane (C12)	6.690	13181946	98.605 ug/ml
5) T A~2-methylnaphthalene...	7.327	13176803	100.756 ug/ml
6) T n-Tetradecane (C14)	8.517	12959423	98.629 ug/ml
7) T n-Hexadecane (C16)	10.125	13266910	98.767 ug/ml
8) T n-Octadecane (C18)	11.568	13324154	98.739 ug/ml
10) T n-Eicosane (C20)	12.874	12716818	98.589 ug/ml
11) T n-Heneicosane (C21)	13.486	12496509	98.698 ug/ml
13) T n-Docosane (C22)	14.072	12384691	98.683 ug/ml
14) T n-Tetracosane (C24)	15.174	12332065	98.551 ug/ml
15) T n-Hexacosane (C26)	16.194	12160184	98.720 ug/ml
16) T n-Octacosane (C28)	17.141	12123480	98.496 ug/ml
17) T n-Tricontane (C30)	18.028	12471897	98.352 ug/ml
18) T n-Dotriacontane (C32)	18.860	12352501	98.073 ug/ml
19) T n-Tetratriacontane (C34)	19.644	11492124	98.023 ug/ml
20) T n-Hexatriacontane (C36)	20.383	10538246	99.396 ug/ml
21) T n-Octatriacontane (C38)	21.111	10439697	98.472 ug/ml
22) T n-Tetracontane (C40)	22.007	10228895	97.976 ug/ml

(f)=RT Delta > 1/2 Window

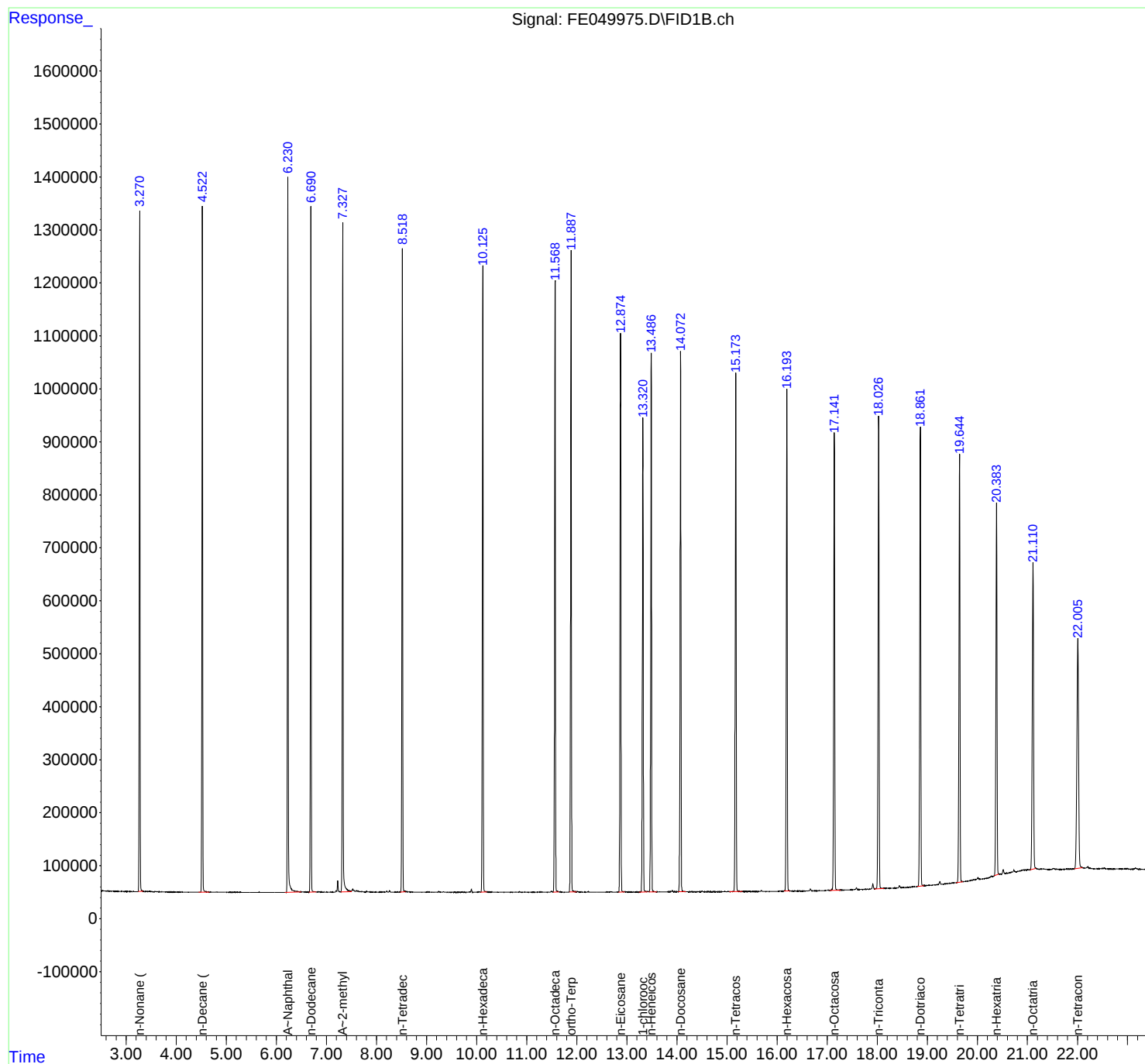
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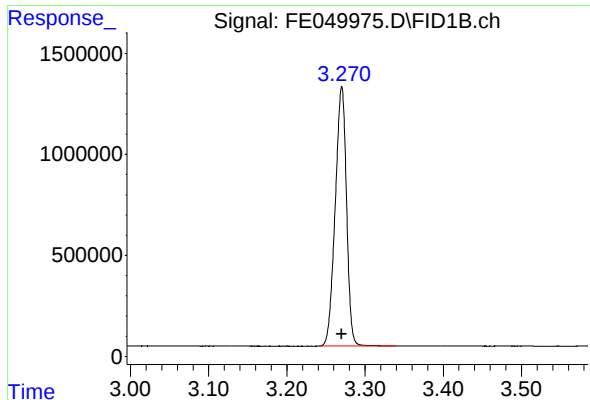
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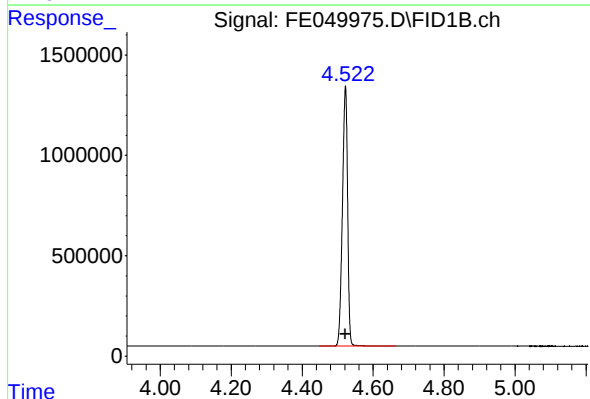




#1 n-Nonane (C9)

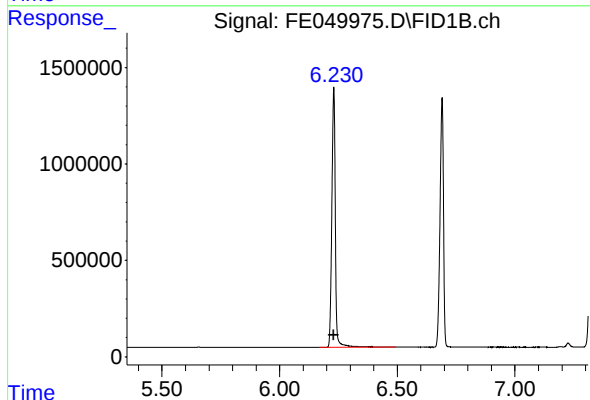
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 12886910
Conc: 98.52 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



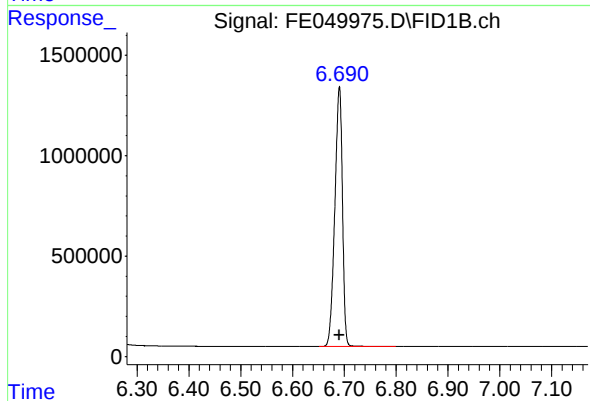
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 13133580
Conc: 98.63 ug/ml



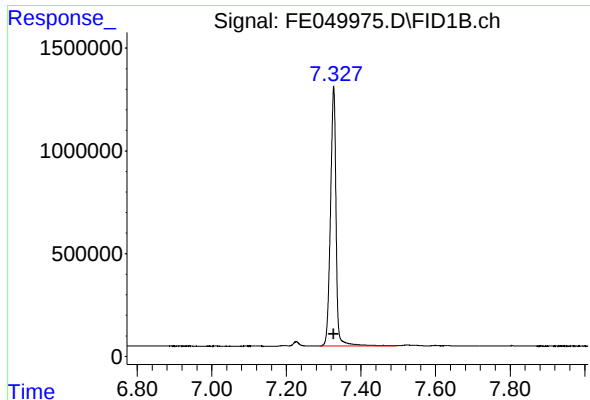
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 13885004
Conc: 100.19 ug/ml



#4 n-Dodecane (C12)

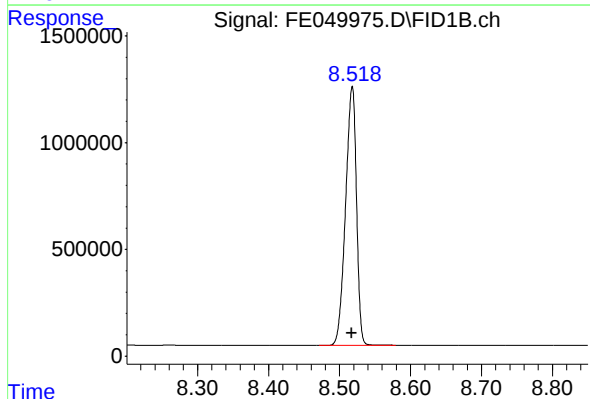
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 13181946
Conc: 98.60 ug/ml



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

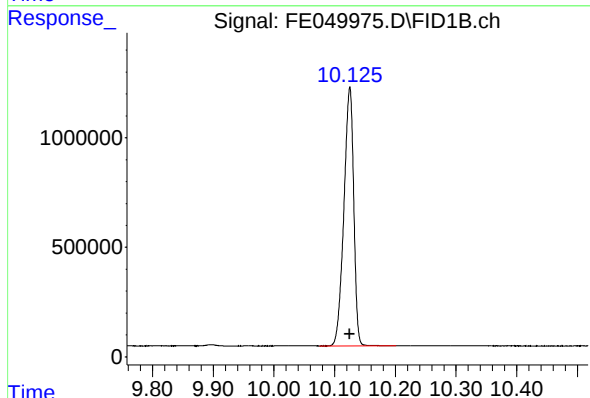
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 13176803
Conc: 100.76 ug/ml

Instrument :
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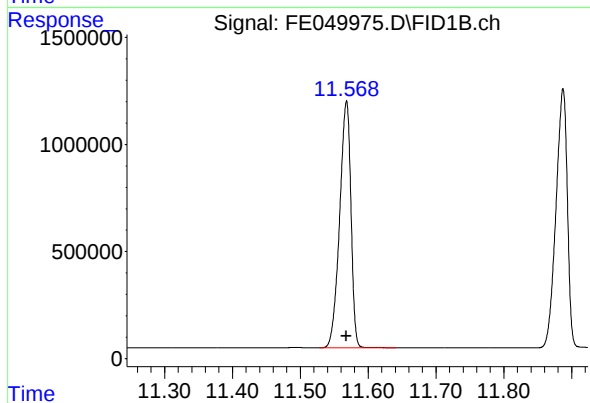
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 12959423
Conc: 98.63 ug/ml



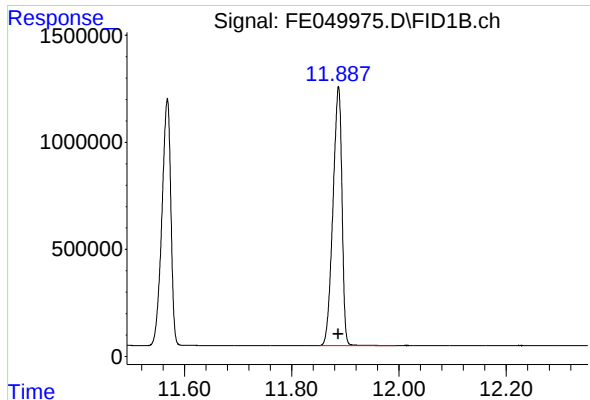
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.000 min
Response: 13266910
Conc: 98.77 ug/ml



#8 n-Octadecane (C18)

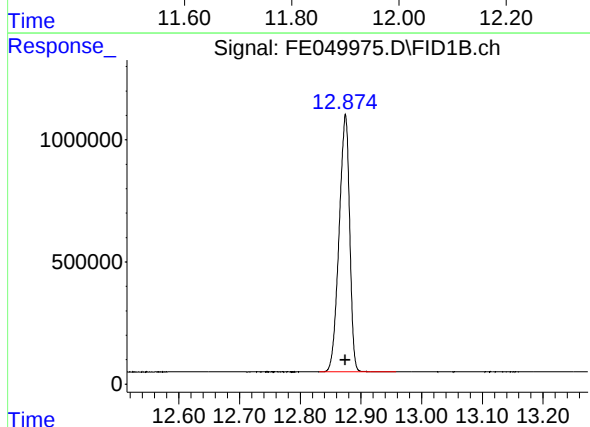
R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 13324154
Conc: 98.74 ug/ml



#9 ortho-Terphenyl (SURR)

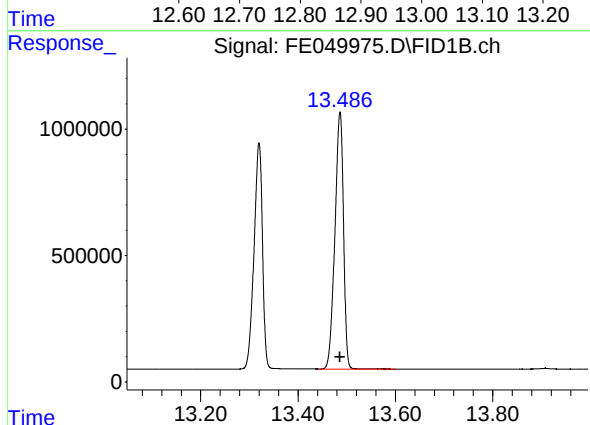
R.T.: 11.887 min
Delta R.T.: 0.000 min
Response: 14118068
Conc: 98.74 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



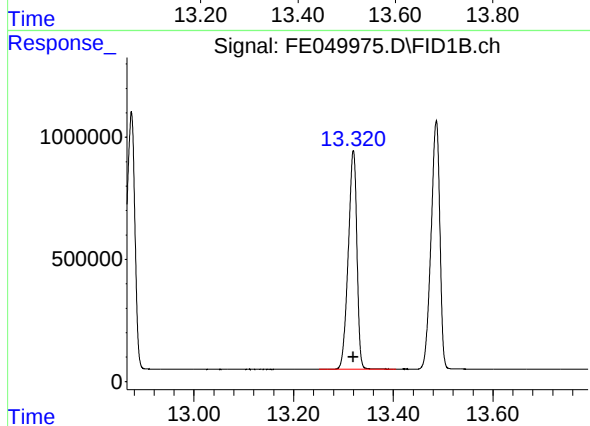
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 12716818
Conc: 98.59 ug/ml



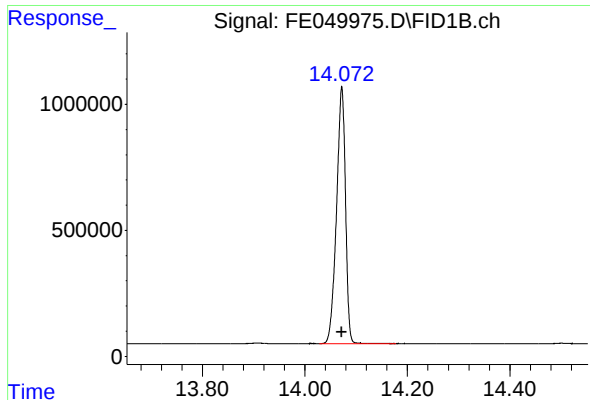
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.000 min
Response: 12496509
Conc: 98.70 ug/ml



#12 1-chlorooctadecane (SURR)

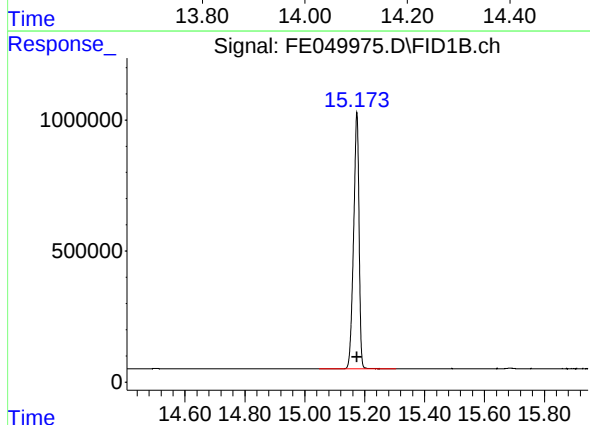
R.T.: 13.320 min
Delta R.T.: 0.000 min
Response: 10830362
Conc: 99.14 ug/ml



#13 n-Docosane (C22)

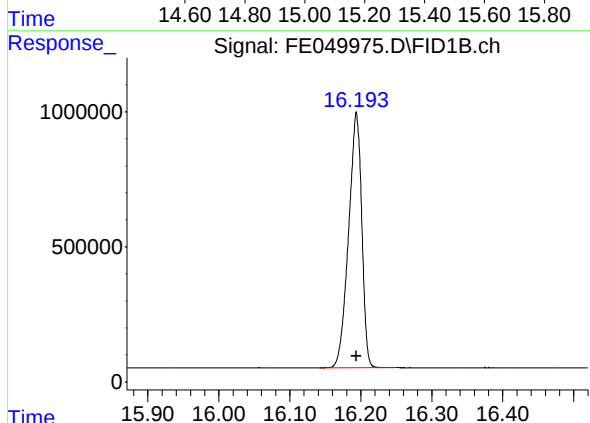
R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 12384691
Conc: 98.68 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



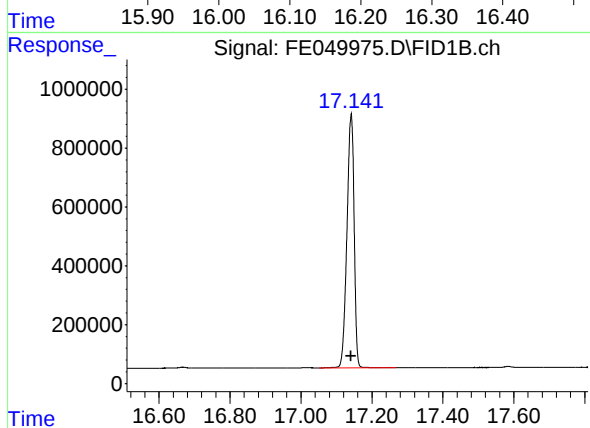
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 12332065
Conc: 98.55 ug/ml



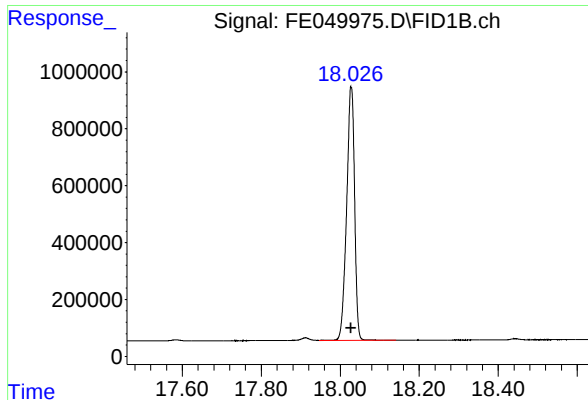
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.000 min
Response: 12160184
Conc: 98.72 ug/ml



#16 n-Octacosane (C28)

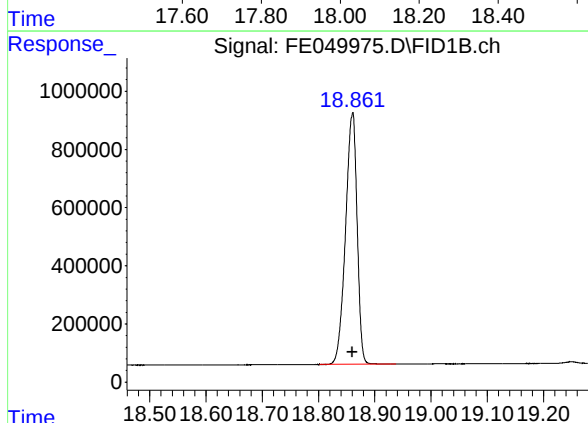
R.T.: 17.141 min
Delta R.T.: 0.000 min
Response: 12123480
Conc: 98.50 ug/ml



#17 n-Tricontane (C30)

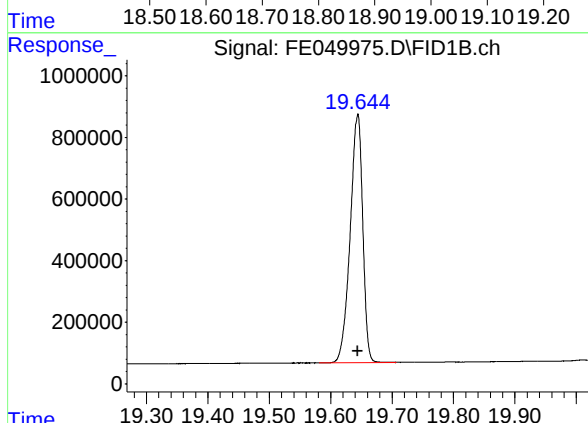
R.T.: 18.028 min
Delta R.T.: 0.000 min
Response: 12471897
Conc: 98.35 ug/ml

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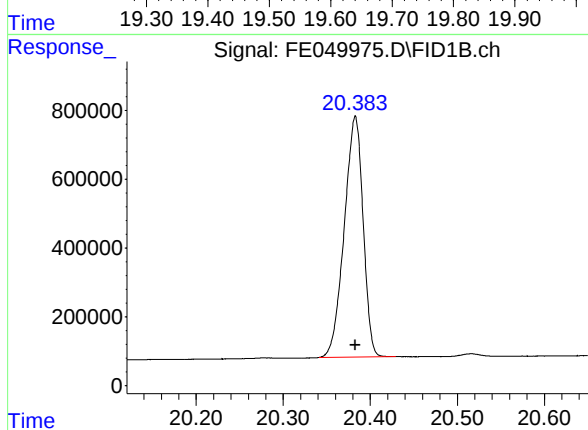
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.000 min
Response: 12352501
Conc: 98.07 ug/ml



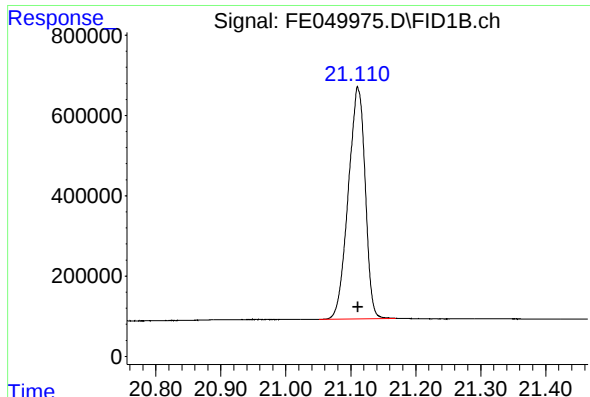
#19 n-Tetatriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 11492124
Conc: 98.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.000 min
Response: 10538246
Conc: 99.40 ug/ml



#21 n-Octatriacontane (C38)

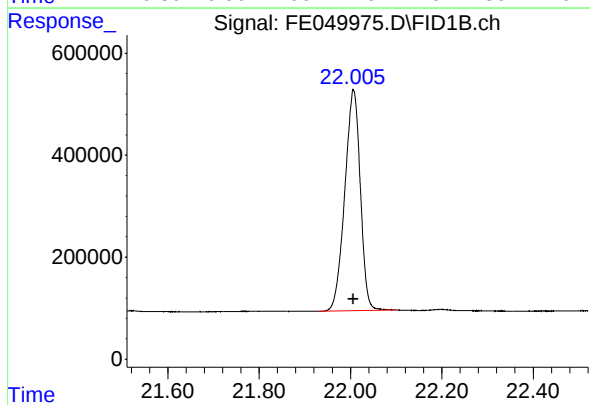
R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 10439697
Conc: 98.47 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 10228895
Conc: 97.98 ug/ml