

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020923AL\
 Data File : FE040283.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2023 14:22
 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: Feb 09 23:46:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.894	3525022	21.778 ug/ml
Spiked Amount 50.000		Recovery =	43.56%
12) S 1-chlorooctadecane (S...	13.333	2681342	21.620 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T n-Nonane (C9)	3.289	3076928	22.607 ug/ml
2) T n-Decane (C10)	4.538	3014548	22.688 ug/ml
3) T A~Naphthalene (C11.7)	6.241	3290927	22.486 ug/ml
4) T n-Dodecane (C12)	6.703	3050411	22.656 ug/ml
5) T A~2-methylnaphthalene...	7.336	3062223	22.624 ug/ml
6) T n-Tetradecane (C14)	8.529	3086919	22.399 ug/ml
7) T n-Hexadecane (C16)	10.136	3175712	22.127 ug/ml
8) T n-Octadecane (C18)	11.579	3249448	21.845 ug/ml
10) T n-Eicosane (C20)	12.889	3175781	21.601 ug/ml
11) T n-Heneicosane (C21)	13.501	3191491	21.638 ug/ml
13) T n-Docosane (C22)	14.087	3172263	21.410 ug/ml
14) T n-Tetracosane (C24)	15.190	3145351	20.720 ug/ml
15) T n-Hexacosane (C26)	16.212	3054708	20.605 ug/ml
16) T n-Octacosane (C28)	17.163	2989532	19.948 ug/ml
17) T n-Tricontane (C30)	18.051	2903402	19.678 ug/ml
18) T n-Dotriacontane (C32)	18.885	2865023	19.562 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2783877	20.240 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2658516	20.043 ug/ml
21) T n-Octatriacontane (C38)	21.143	2661755	20.517 ug/ml
22) T n-Tetracontane (C40)	22.041	2700989	20.343 ug/ml

(f)=RT Delta > 1/2 Window

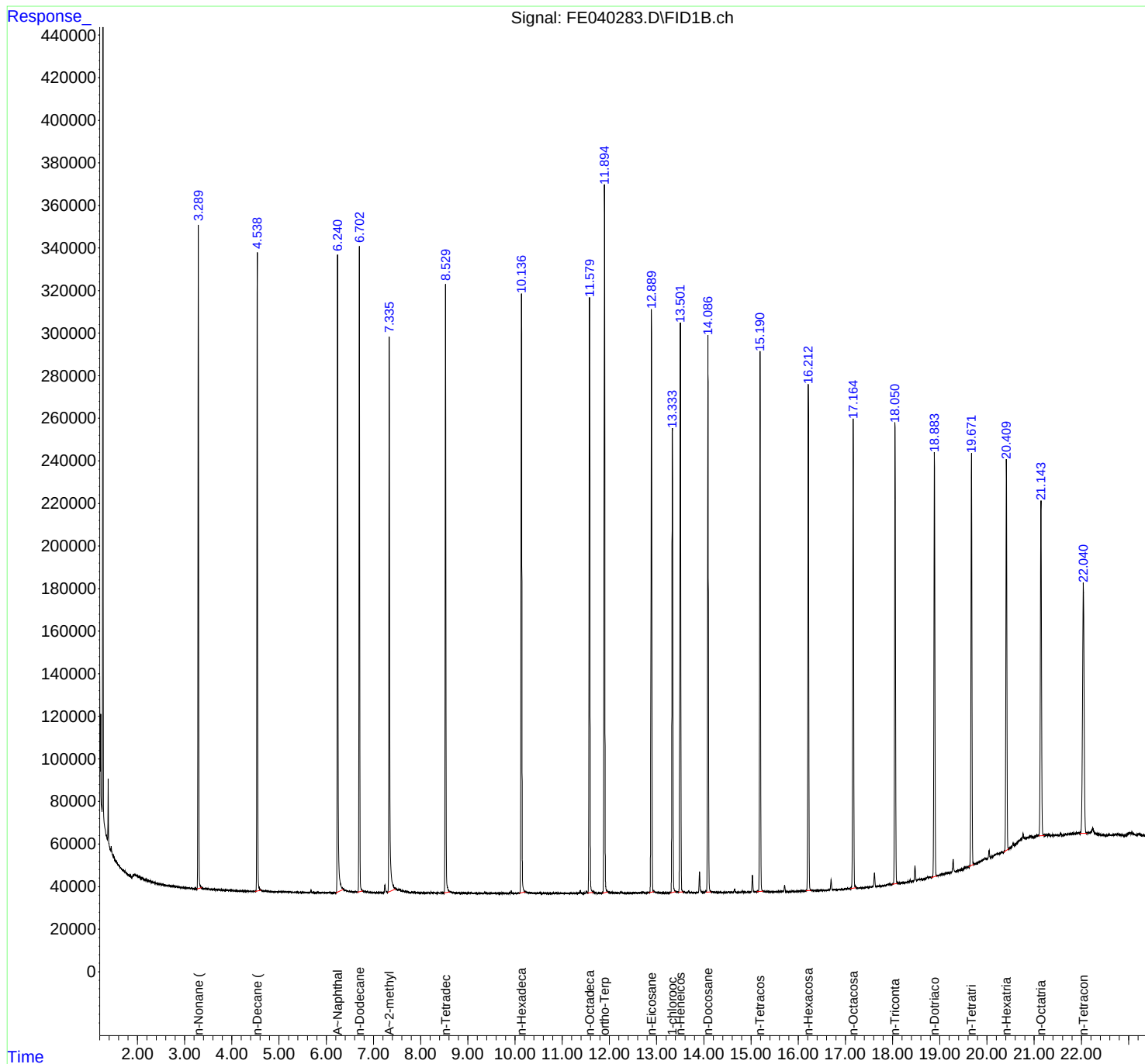
(m)=manual int.

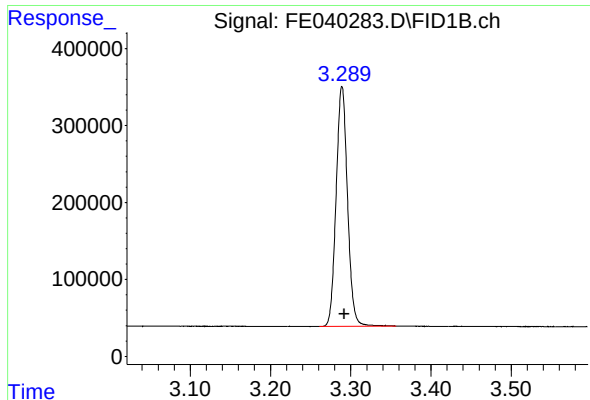
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020923AL\
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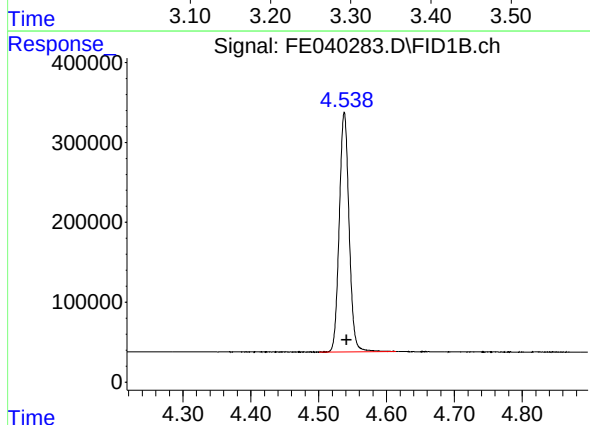




#1 n-Nonane (C9)

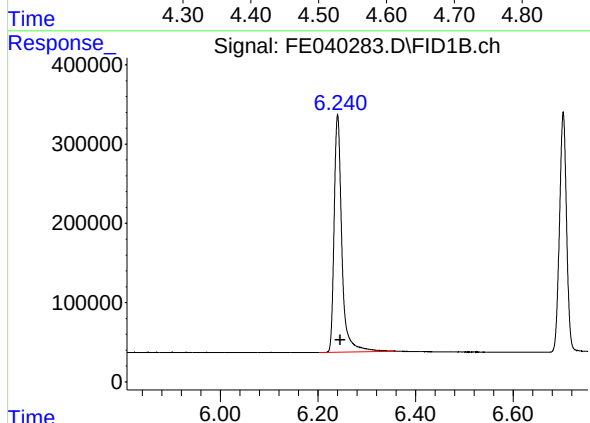
R.T.: 3.289 min
Delta R.T.: -0.003 min
Response: 3076928
Conc: 22.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



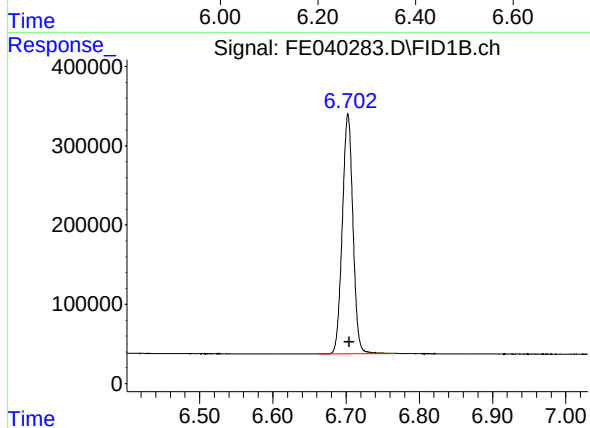
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 3014548
Conc: 22.69 ug/ml



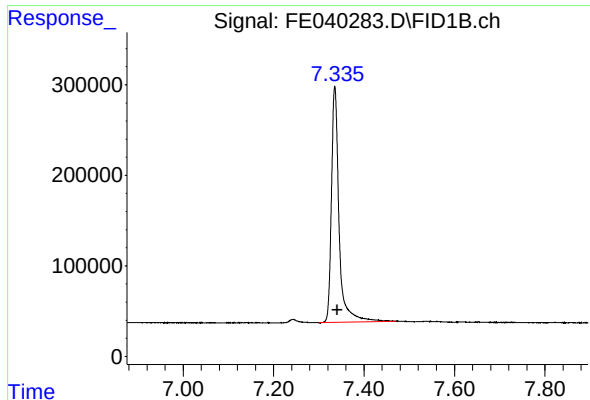
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 3290927
Conc: 22.49 ug/ml



#4 n-Dodecane (C12)

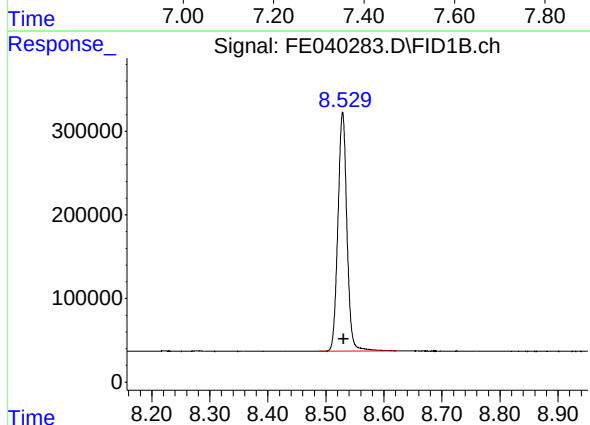
R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 3050411
Conc: 22.66 ug/ml



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

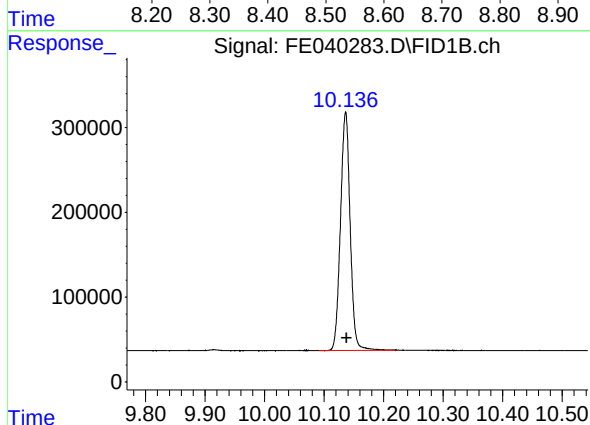
R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 3062223
Conc: 22.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



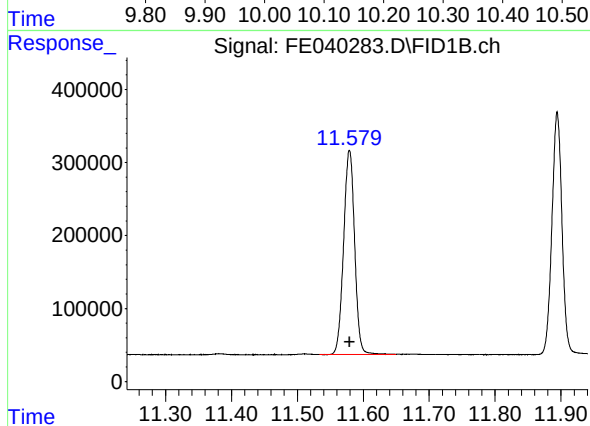
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 3086919
Conc: 22.40 ug/ml



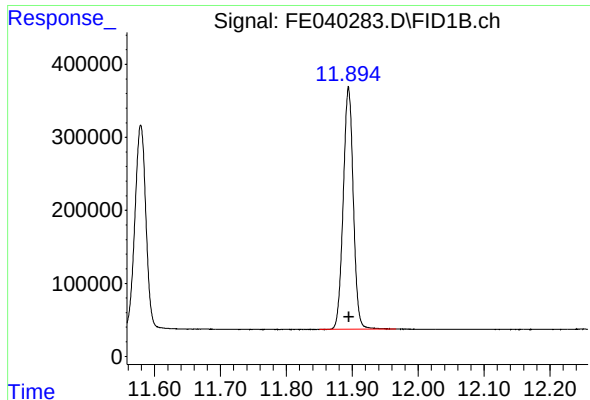
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3175712
Conc: 22.13 ug/ml



#8 n-Octadecane (C18)

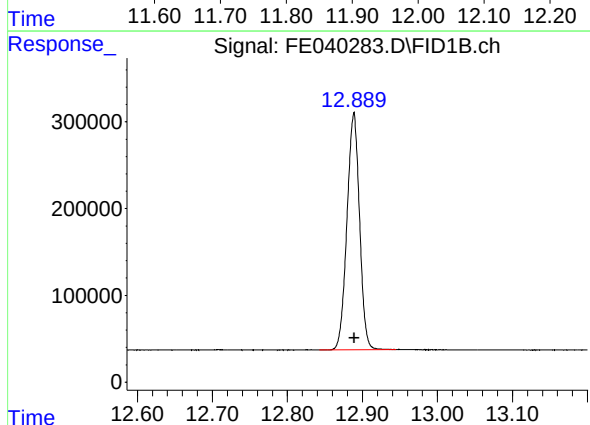
R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 3249448
Conc: 21.84 ug/ml



#9 ortho-Terphenyl (SURR)

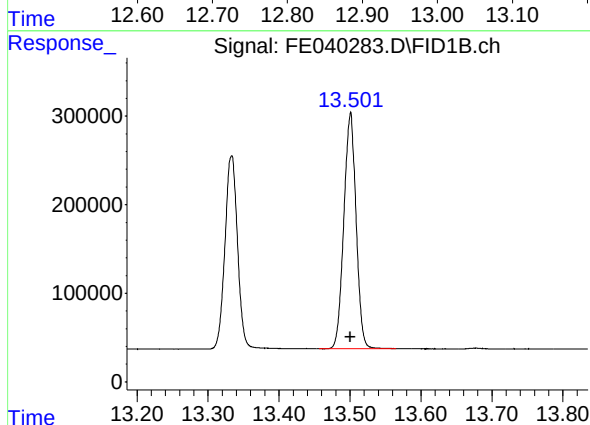
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 3525022
Conc: 21.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



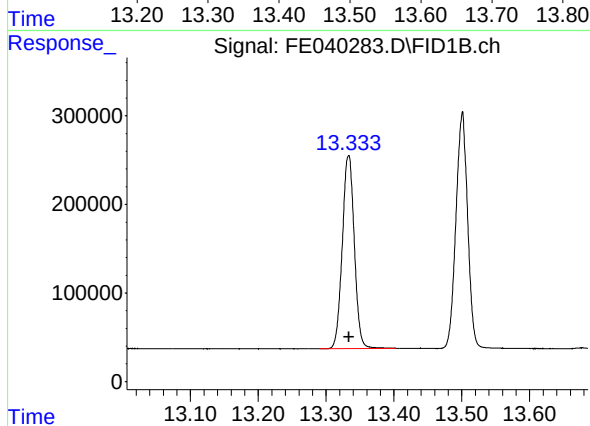
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 3175781
Conc: 21.60 ug/ml



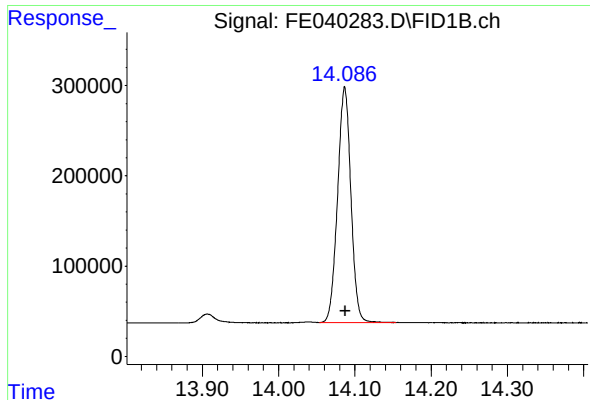
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 3191491
Conc: 21.64 ug/ml



#12 1-chlorooctadecane (SURR)

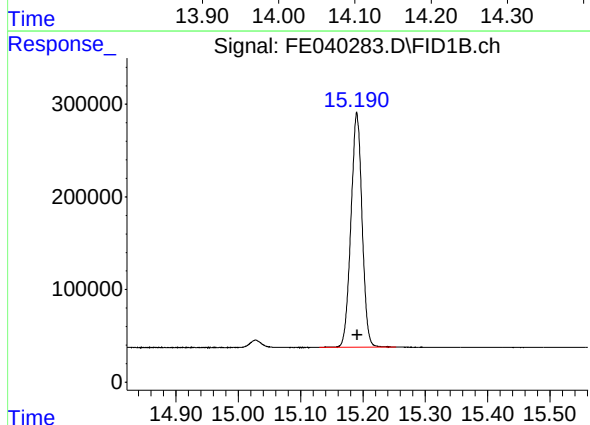
R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2681342
Conc: 21.62 ug/ml



#13 n-Docosane (C22)

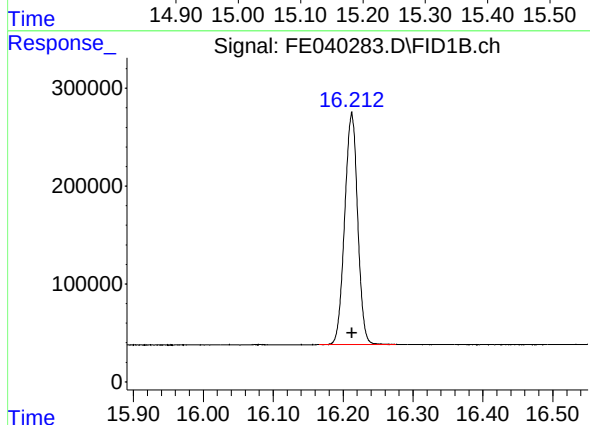
R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 3172263
Conc: 21.41 ug/ml

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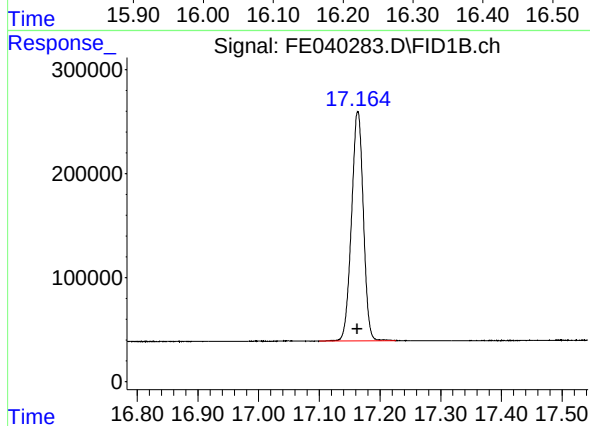
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 3145351
Conc: 20.72 ug/ml



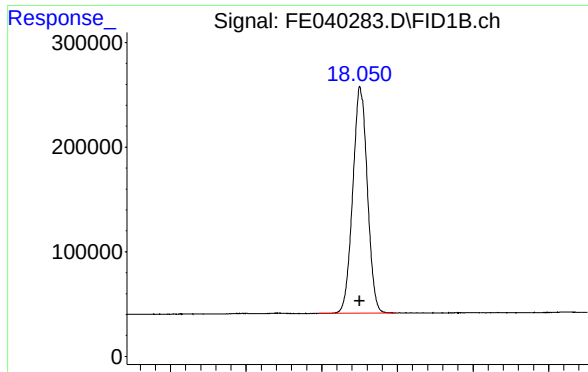
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 3054708
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

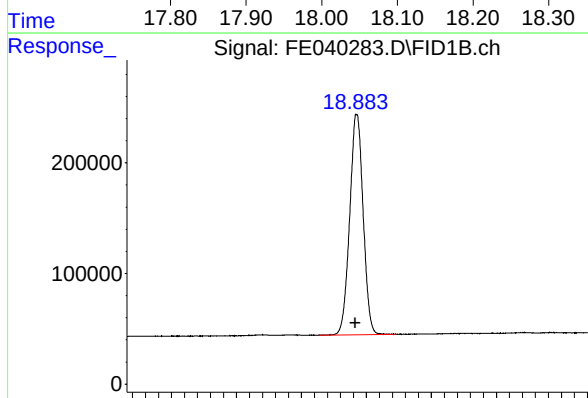
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 2989532
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

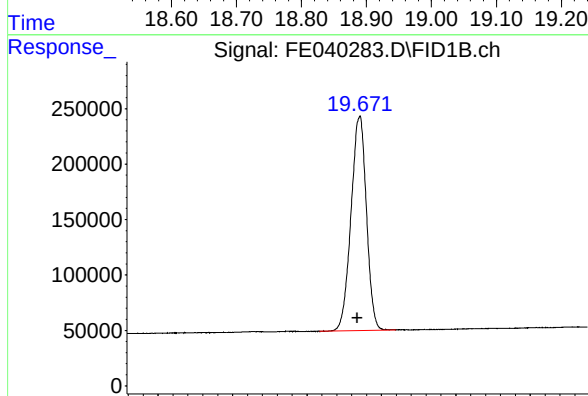
R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 2903402
Conc: 19.68 ug/ml

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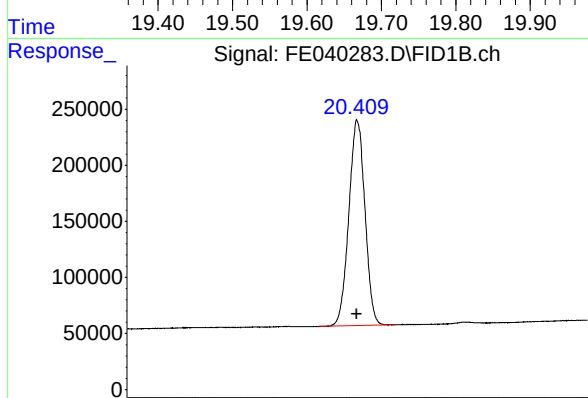
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: 0.002 min
Response: 2865023
Conc: 19.56 ug/ml



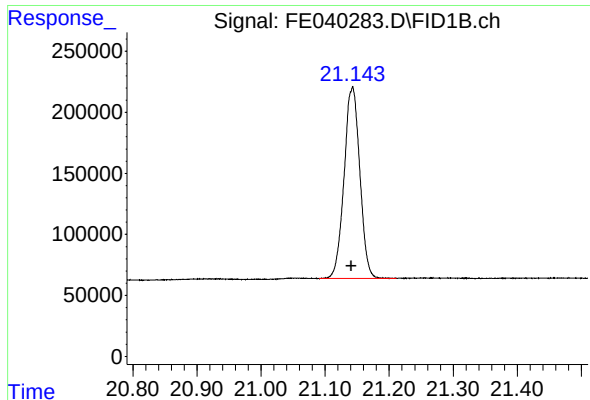
#19 n-Tetatriacontane (C34)

R.T.: 19.671 min
Delta R.T.: 0.003 min
Response: 2783877
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

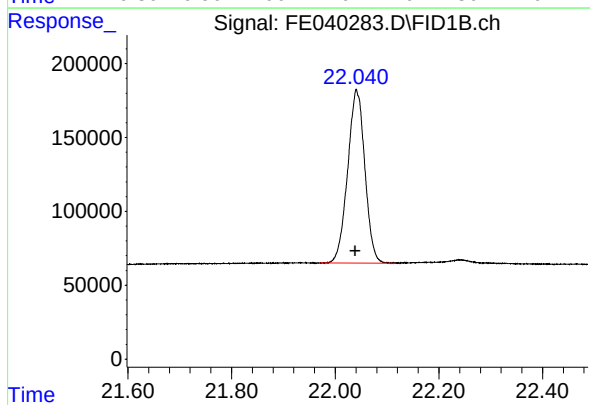
R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 2658516
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.002 min
Response: 2661755
Conc: 20.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: 0.002 min
Response: 2700989
Conc: 20.34 ug/ml