

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040925AL\
 Data File : FE053293.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2025 00:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 03:03:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.884	2732502	16.776 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
12) S 1-chlorooctadecane (S...	13.328	2114877	17.617 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
Target Compounds			
1) T n-Nonane (C9)	3.233	2549795	16.467 ug/ml
2) T n-Decane (C10)	4.494	2663374	16.980 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2817891	16.774 ug/ml
4) T n-Dodecane (C12)	6.673	2665455	17.043 ug/ml
5) T A~2-methylnaphthalene...	7.307	2685814	16.833 ug/ml
6) T n-Tetradecane (C14)	8.509	2636022	17.216 ug/ml
7) T n-Hexadecane (C16)	10.122	2692346	17.466 ug/ml
8) T n-Octadecane (C18)	11.570	2660690	17.543 ug/ml
10) T n-Eicosane (C20)	12.884	2502167	17.550 ug/ml
11) T n-Heneicosane (C21)	13.497	2412360	17.384 ug/ml
13) T n-Docosane (C22)	14.085	2390860	17.457 ug/ml
14) T n-Tetracosane (C24)	15.190	2400556	17.774 ug/ml
15) T n-Hexacosane (C26)	16.213	2386169	17.886 ug/ml
16) T n-Octacosane (C28)	17.164	2472497	18.736 ug/ml
17) T n-Tricontane (C30)	18.053	2722770	20.088 ug/ml
18) T n-Dotriacontane (C32)	18.888	2787494	20.715 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2537340	19.609 ug/ml
20) T n-Hexatriacontane (C36)	20.413	2268449	19.096 ug/ml
21) T n-Octatriacontane (C38)	21.149	2146906	18.679 ug/ml
22) T n-Tetracontane (C40)	22.059	2021419	17.998 ug/ml

(f)=RT Delta > 1/2 Window

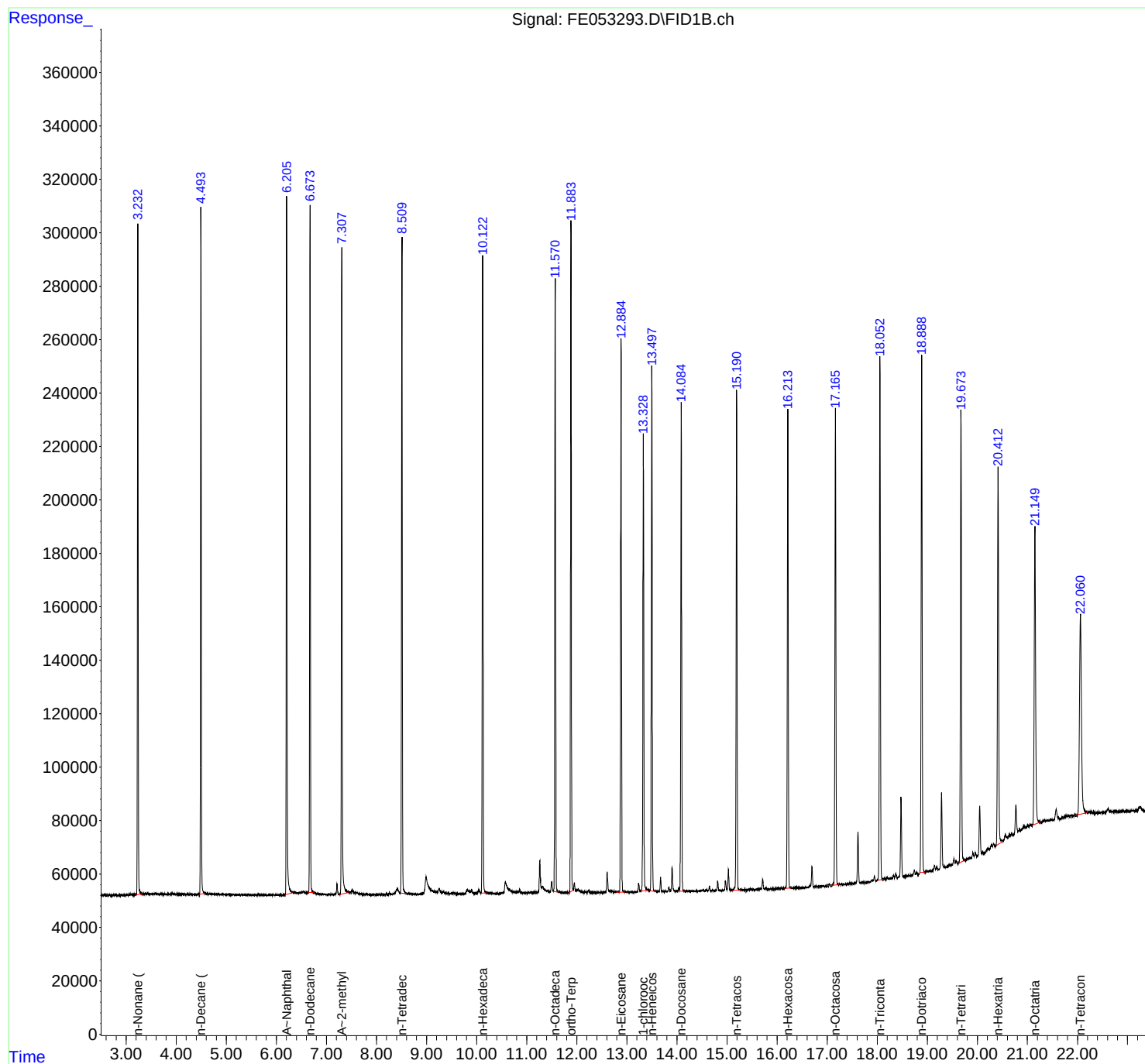
(m)=manual int.

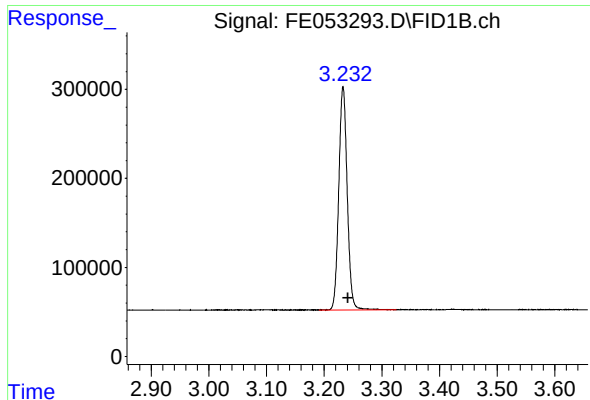
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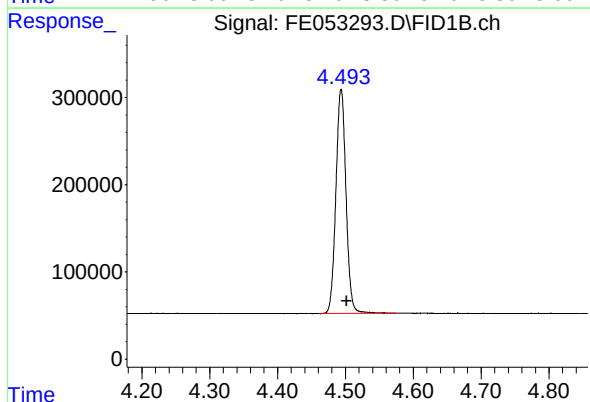




#1 n-Nonane (C9)

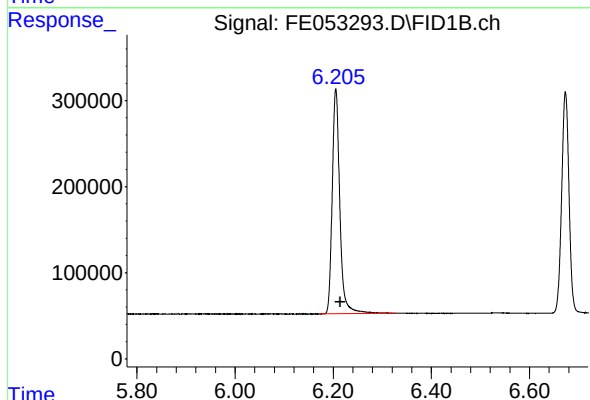
R.T.: 3.233 min
Delta R.T.: -0.008 min
Response: 2549795
Conc: 16.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



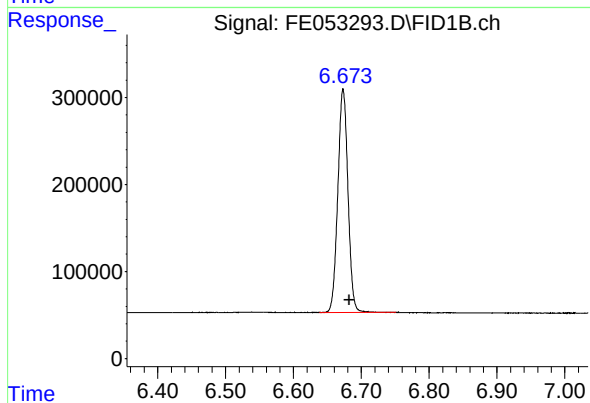
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.008 min
Response: 2663374
Conc: 16.98 ug/ml



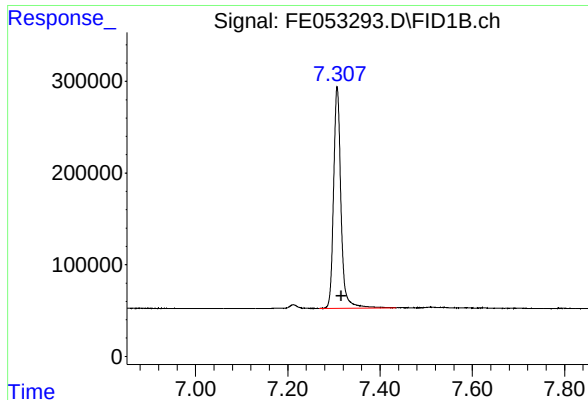
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.009 min
Response: 2817891
Conc: 16.77 ug/ml



#4 n-Dodecane (C12)

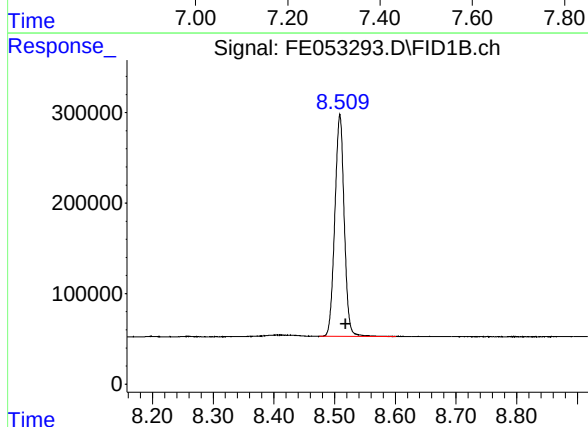
R.T.: 6.673 min
Delta R.T.: -0.009 min
Response: 2665455
Conc: 17.04 ug/ml



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

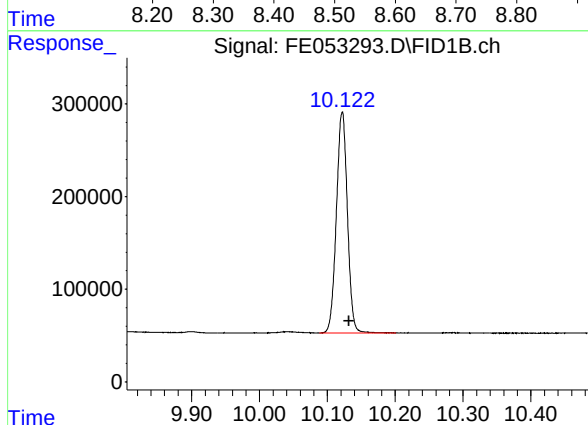
R.T.: 7.307 min
Delta R.T.: -0.009 min
Response: 2685814
Conc: 16.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



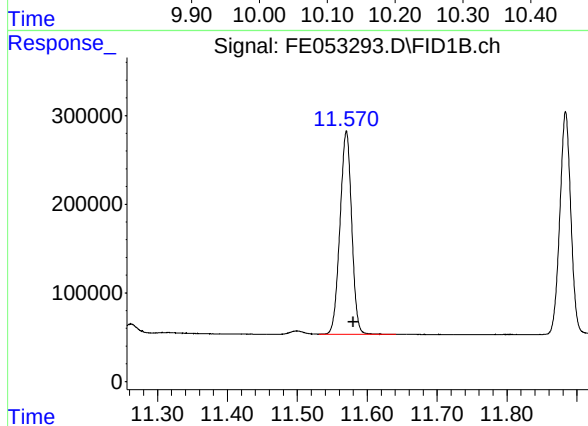
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.009 min
Response: 2636022
Conc: 17.22 ug/ml



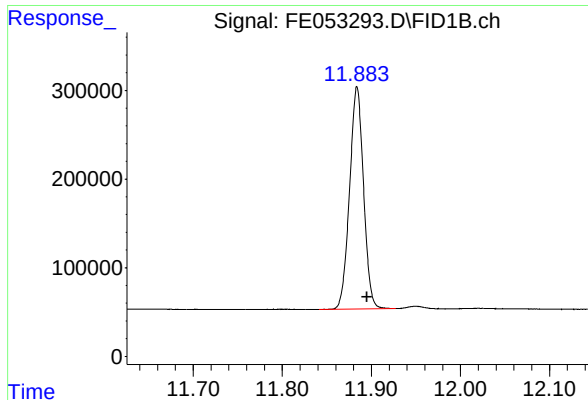
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.010 min
Response: 2692346
Conc: 17.47 ug/ml



#8 n-Octadecane (C18)

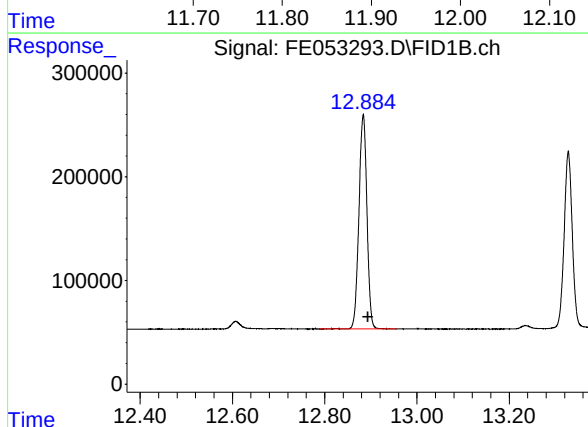
R.T.: 11.570 min
Delta R.T.: -0.010 min
Response: 2660690
Conc: 17.54 ug/ml



#9 ortho-Terphenyl (SURR)

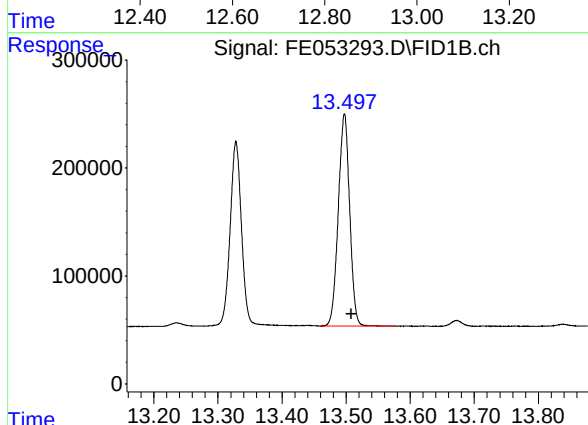
R.T.: 11.884 min
Delta R.T.: -0.011 min
Response: 2732502
Conc: 16.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



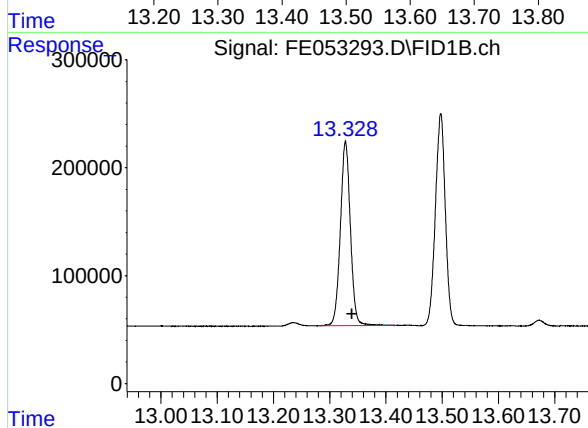
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.011 min
Response: 2502167
Conc: 17.55 ug/ml



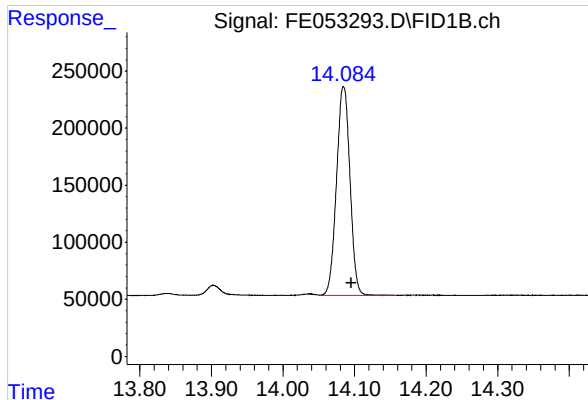
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.011 min
Response: 2412360
Conc: 17.38 ug/ml



#12 1-chlorooctadecane (SURR)

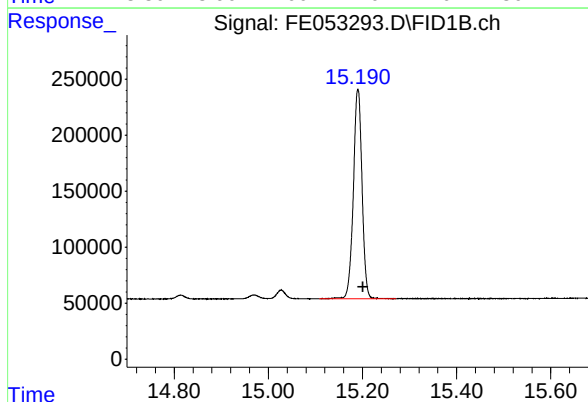
R.T.: 13.328 min
Delta R.T.: -0.011 min
Response: 2114877
Conc: 17.62 ug/ml



#13 n-Docosane (C22)

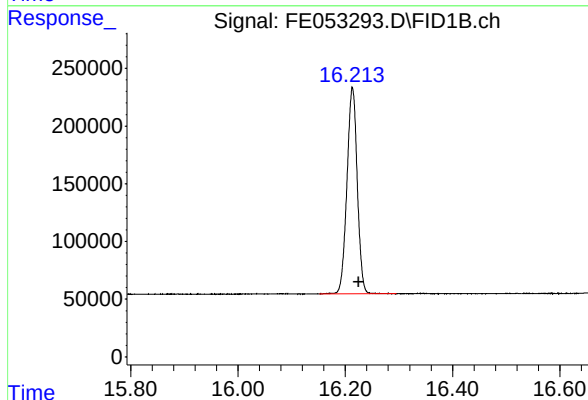
R.T.: 14.085 min
Delta R.T.: -0.011 min
Response: 2390860
Conc: 17.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



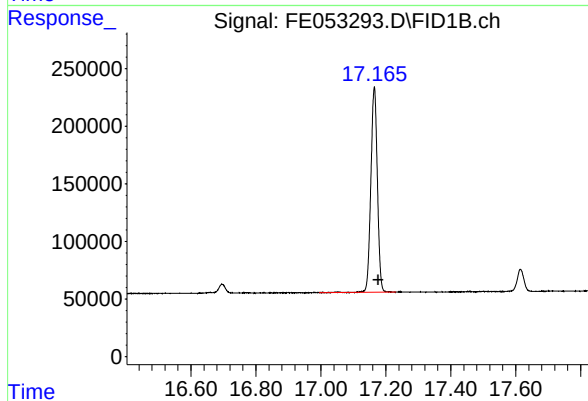
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.011 min
Response: 2400556
Conc: 17.77 ug/ml



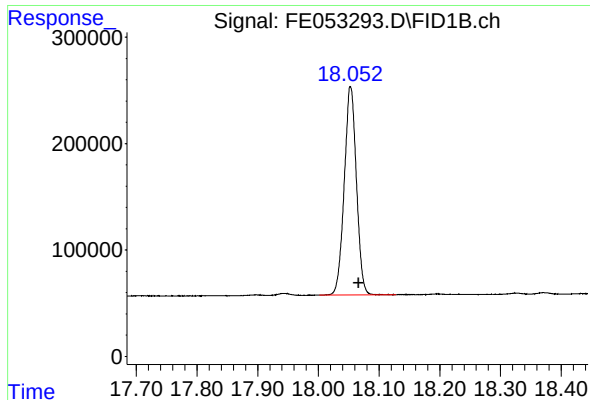
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: -0.012 min
Response: 2386169
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

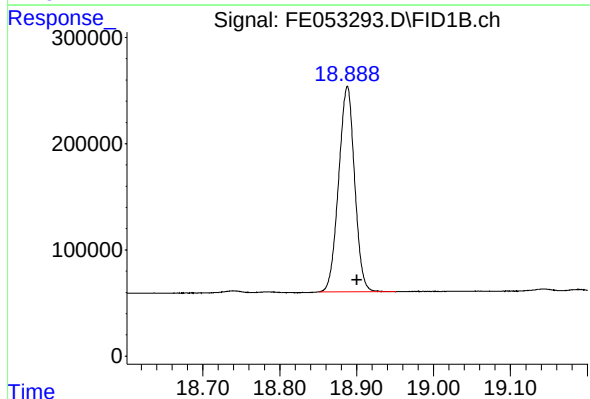
R.T.: 17.164 min
Delta R.T.: -0.012 min
Response: 2472497
Conc: 18.74 ug/ml



#17 n-Tricontane (C30)

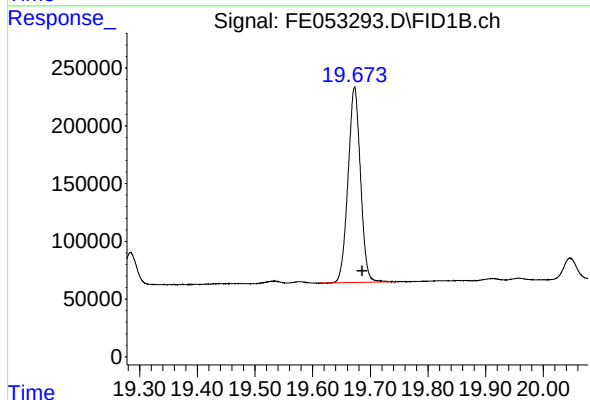
R.T.: 18.053 min
Delta R.T.: -0.013 min
Response: 2722770
Conc: 20.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



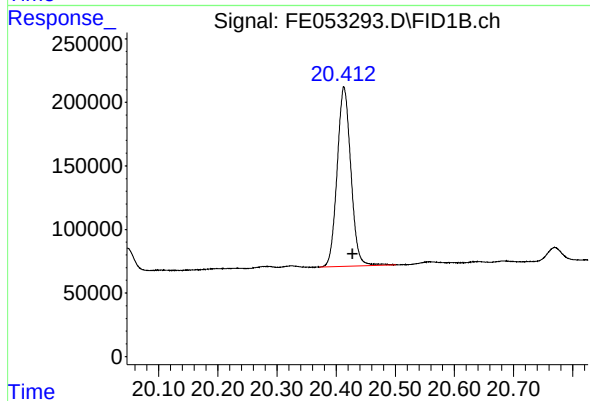
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: -0.013 min
Response: 2787494
Conc: 20.72 ug/ml



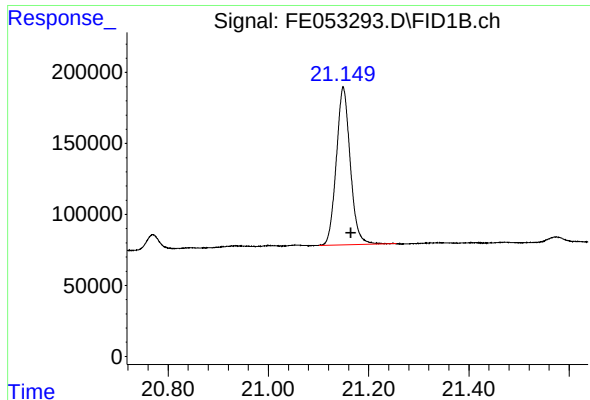
#19 n-Tetatriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.013 min
Response: 2537340
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

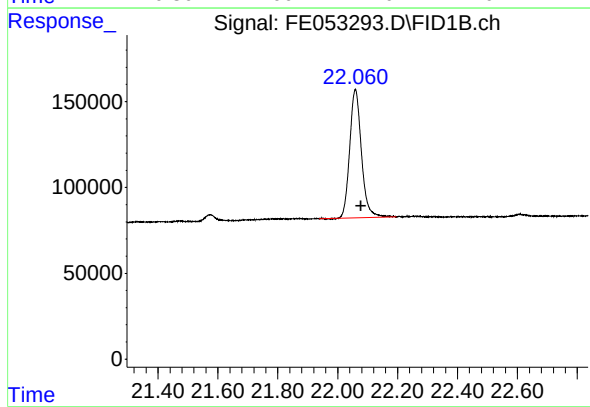
R.T.: 20.413 min
Delta R.T.: -0.014 min
Response: 2268449
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.016 min
Response: 2146906
Conc: 18.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.019 min
Response: 2021419
Conc: 18.00 ug/ml