

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013585.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 13:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:49:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 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)	11.874	3520252	21.821 ug/ml
Spiked Amount 50.000		Recovery =	43.64%
12) S 1-chlorooctadecane (S...	13.314	2620722	21.868 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T n-Nonane (C9)	3.271	2760144	21.697 ug/ml
2) T n-Decane (C10)	4.521	2825365	21.859 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3052691	22.072 ug/ml
4) T n-Dodecane (C12)	6.685	2845537	21.917 ug/ml
5) T A~2-methylnaphthalene...	7.311	2924636	22.085 ug/ml
6) T n-Tetradecane (C14)	8.510	2780818	21.837 ug/ml
7) T n-Hexadecane (C16)	10.117	2895960	21.926 ug/ml
8) T n-Octadecane (C18)	11.560	3002239	21.937 ug/ml
10) T n-Eicosane (C20)	12.870	2978835	21.882 ug/ml
11) T n-Heneicosane (C21)	13.483	2945129	21.850 ug/ml
13) T n-Docosane (C22)	14.068	2932252	21.747 ug/ml
14) T n-Tetracosane (C24)	15.172	2952685	21.612 ug/ml
15) T n-Hexacosane (C26)	16.194	2912311	21.392 ug/ml
16) T n-Octacosane (C28)	17.144	2829275	21.159 ug/ml
17) T n-Tricontane (C30)	18.032	2877121	20.768 ug/ml
18) T n-Dotriacontane (C32)	18.864	2821756	20.540 ug/ml
19) T n-Tetratriacontane (C34)	19.647	2682998	20.716 ug/ml
20) T n-Hexatriacontane (C36)	20.386	2580210	20.690 ug/ml
21) T n-Octatriacontane (C38)	21.114	2460902	20.943 ug/ml
22) T n-Tetracontane (C40)	22.005	2447306	21.277 ug/ml

(f)=RT Delta > 1/2 Window

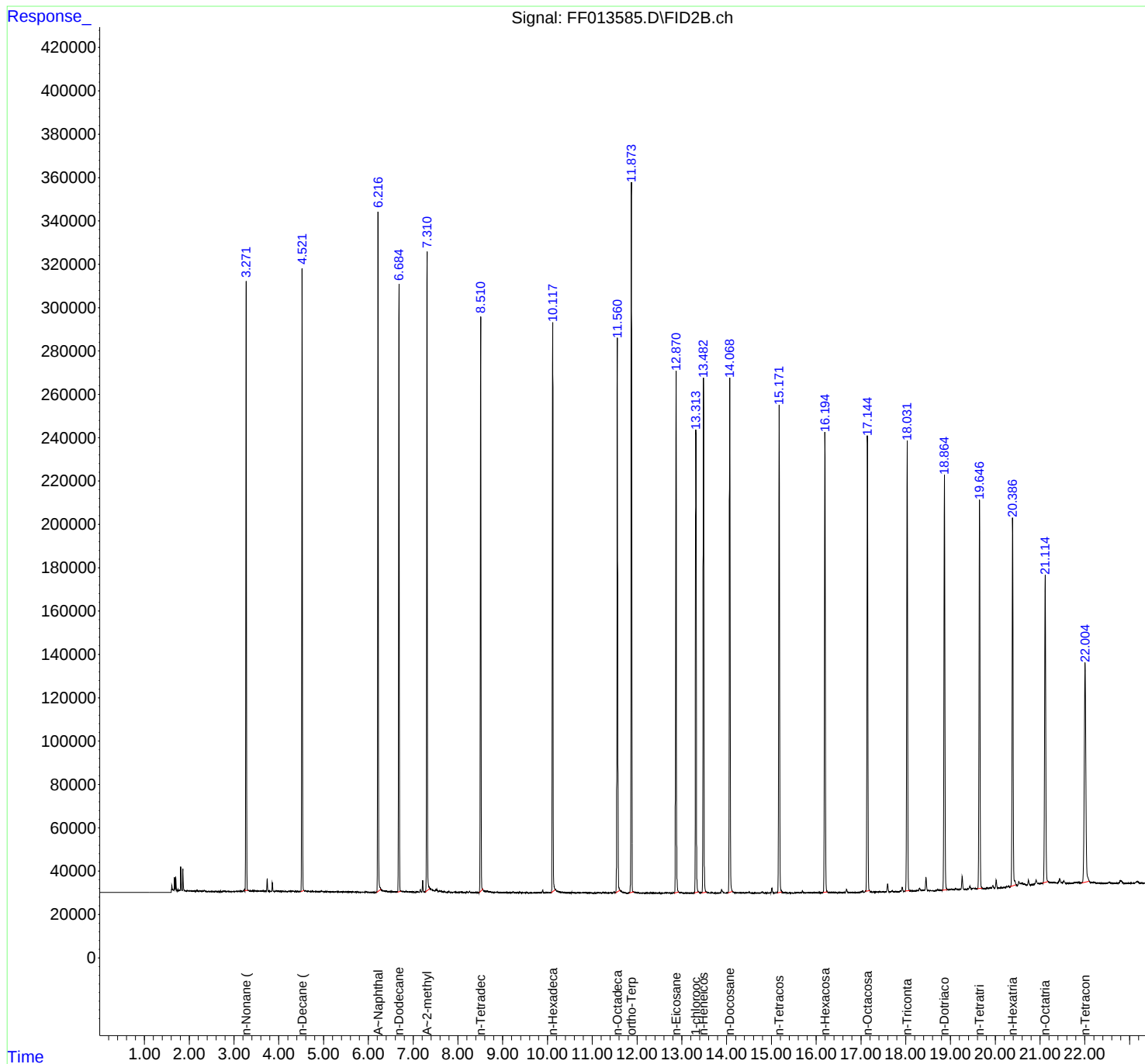
(m)=manual int.

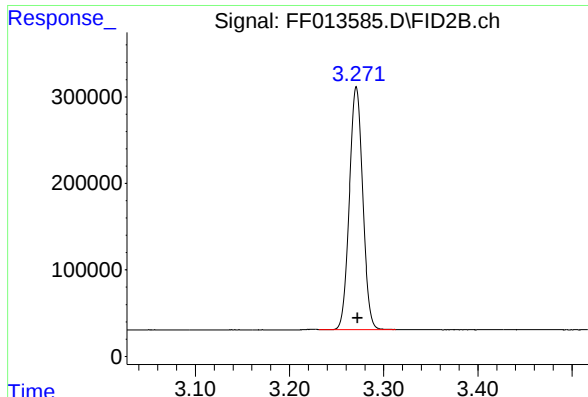
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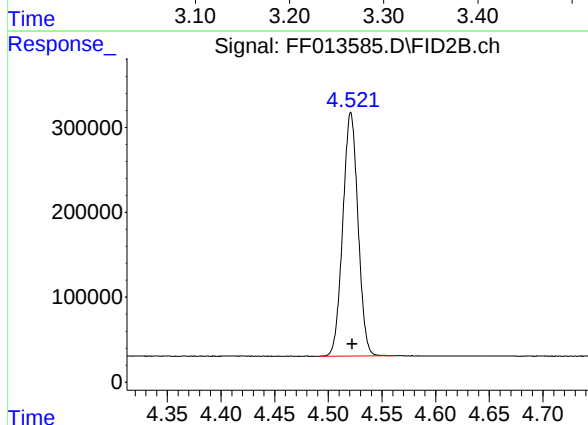




#1 n-Nonane (C9)

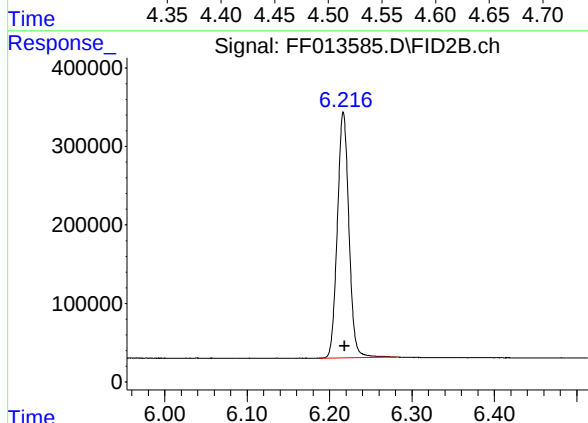
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 2760144
Conc: 21.70 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



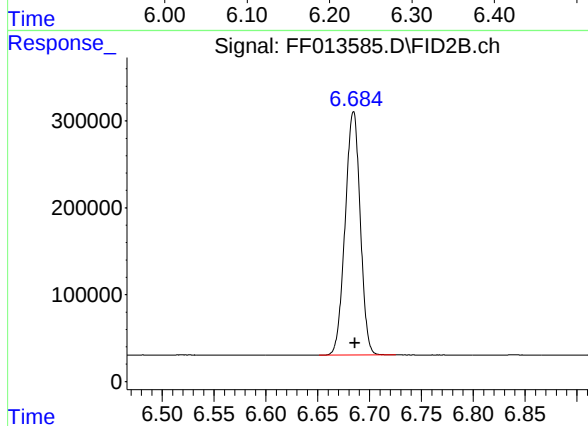
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 2825365
Conc: 21.86 ug/ml



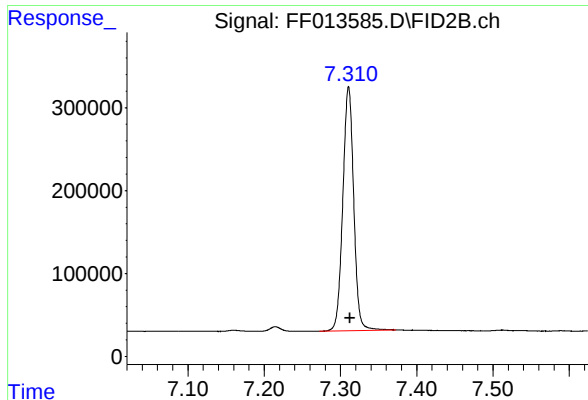
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 3052691
Conc: 22.07 ug/ml



#4 n-Dodecane (C12)

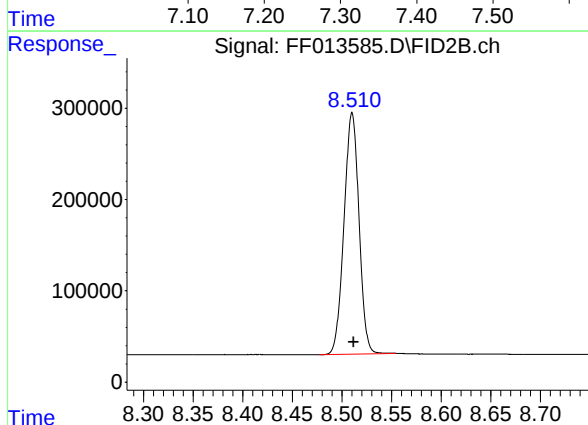
R.T.: 6.685 min
Delta R.T.: -0.001 min
Response: 2845537
Conc: 21.92 ug/ml



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

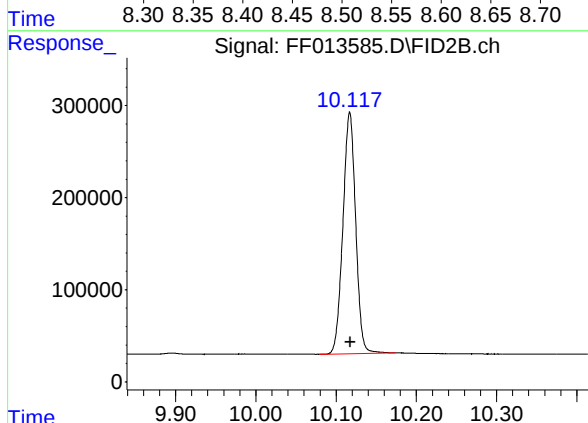
R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 2924636
Conc: 22.09 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



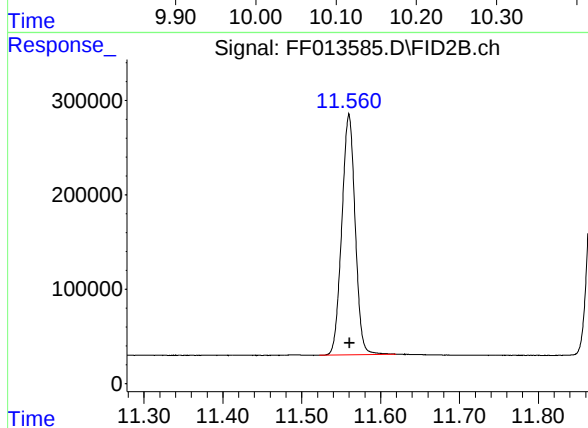
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 2780818
Conc: 21.84 ug/ml



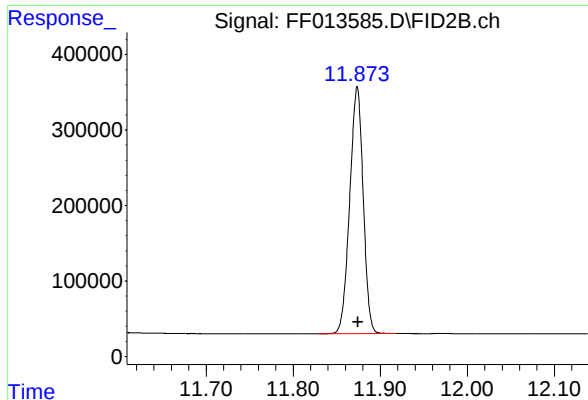
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 2895960
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

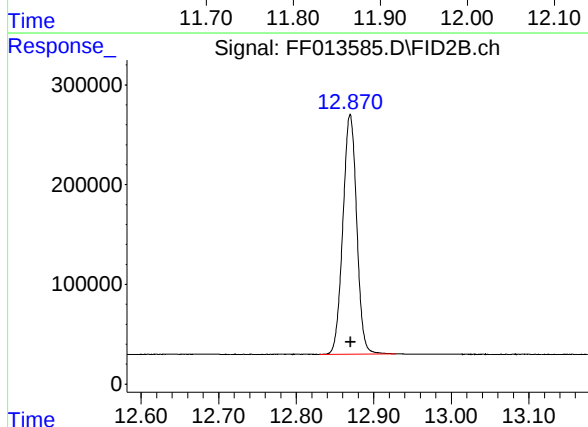
R.T.: 11.560 min
Delta R.T.: -0.001 min
Response: 3002239
Conc: 21.94 ug/ml



#9 ortho-Terphenyl (SURR)

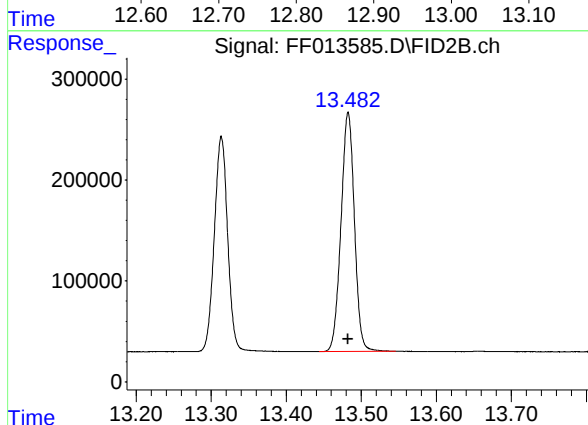
R.T.: 11.874 min
Delta R.T.: -0.001 min
Response: 3520252
Conc: 21.82 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



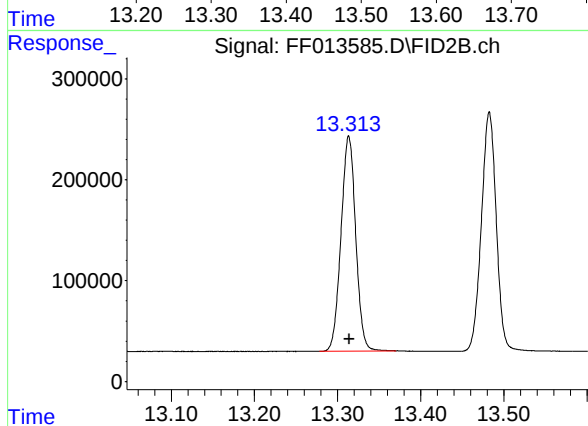
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 2978835
Conc: 21.88 ug/ml



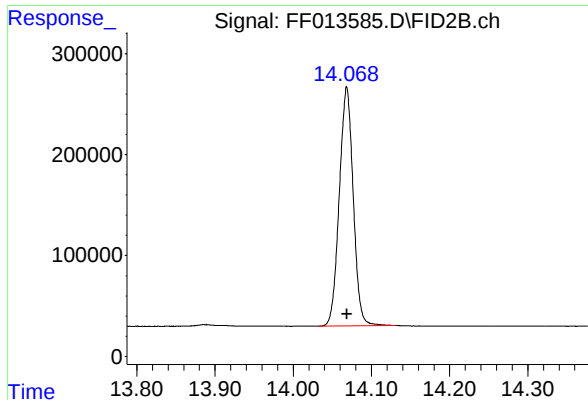
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.000 min
Response: 2945129
Conc: 21.85 ug/ml



#12 1-chlorooctadecane (SURR)

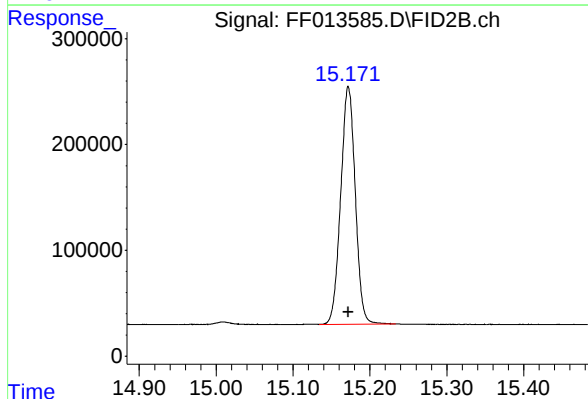
R.T.: 13.314 min
Delta R.T.: 0.000 min
Response: 2620722
Conc: 21.87 ug/ml



#13 n-Docosane (C22)

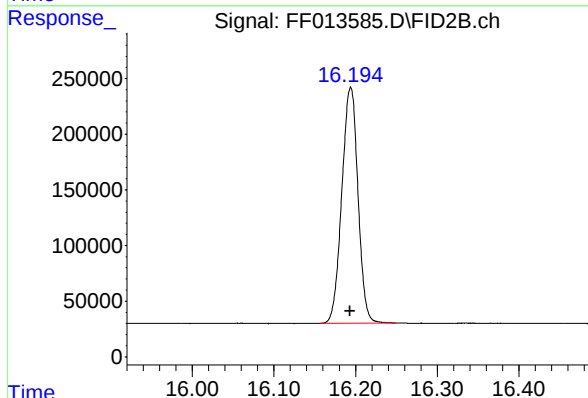
R.T.: 14.068 min
Delta R.T.: 0.000 min
Response: 2932252
Conc: 21.75 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



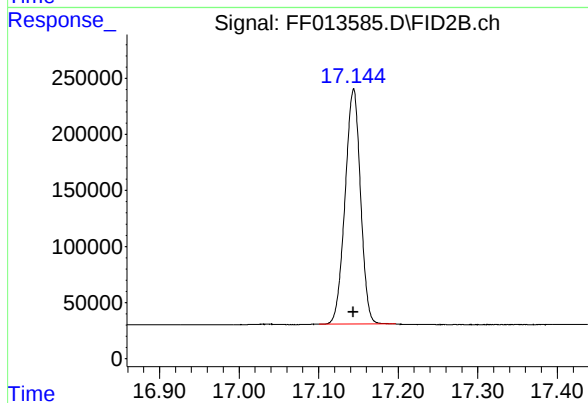
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: 0.000 min
Response: 2952685
Conc: 21.61 ug/ml



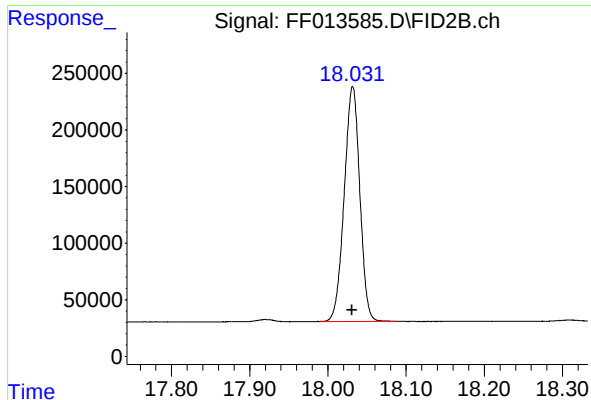
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.000 min
Response: 2912311
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

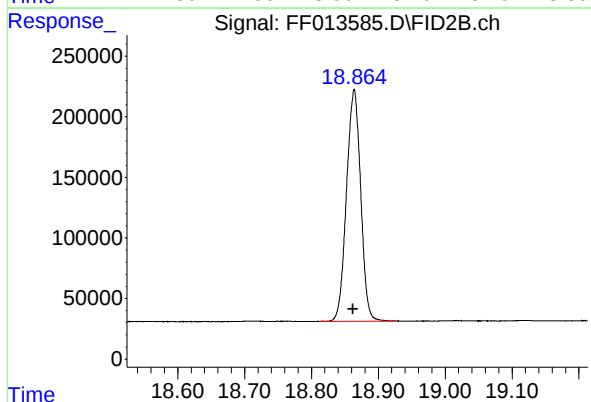
R.T.: 17.144 min
Delta R.T.: 0.000 min
Response: 2829275
Conc: 21.16 ug/ml



#17 n-Tricontane (C30)

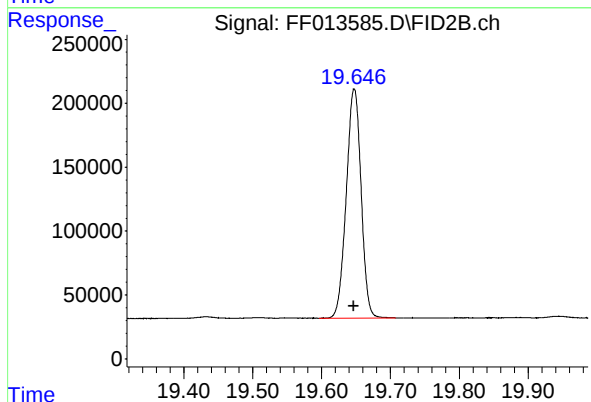
R.T.: 18.032 min
Delta R.T.: 0.000 min
Response: 2877121
Conc: 20.77 ug/ml

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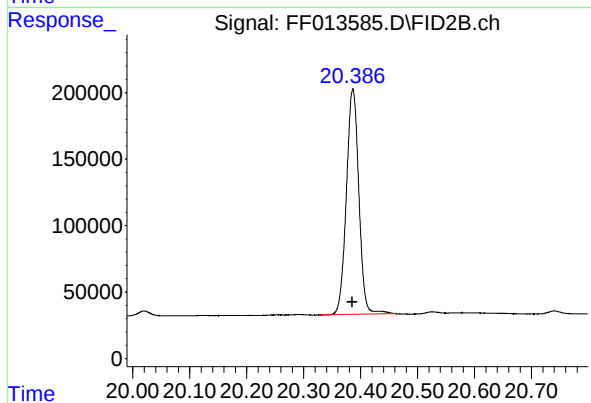
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.002 min
Response: 2821756
Conc: 20.54 ug/ml



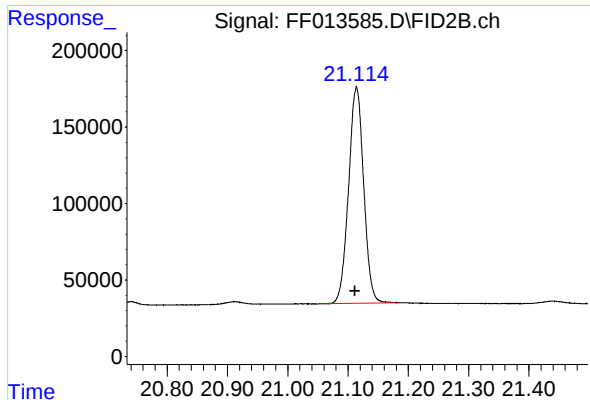
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.001 min
Response: 2682998
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

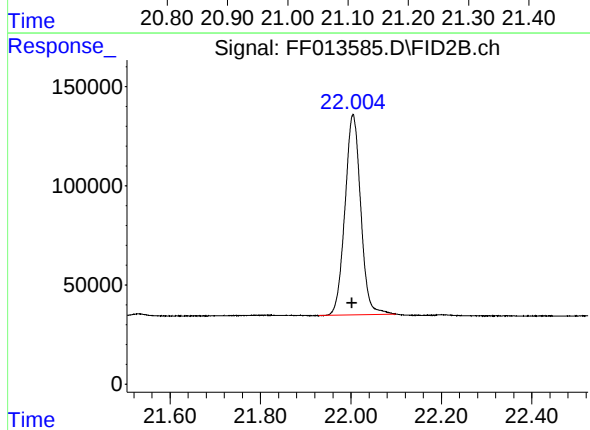
R.T.: 20.386 min
Delta R.T.: 0.000 min
Response: 2580210
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.002 min
Response: 2460902
Conc: 20.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: 0.003 min
Response: 2447306
Conc: 21.28 ug/ml