

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014213.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 15:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 13 04:08:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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)	11.841	2955602	20.978 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	13.282	2111336	20.817 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T n-Nonane (C9)	3.240	2689294	20.648 ug/ml
2) T n-Decane (C10)	4.489	2743353	20.702 ug/ml
3) T A~Naphthalene (C11.7)	6.183	2740636	20.591 ug/ml
4) T n-Dodecane (C12)	6.653	2755830	20.741 ug/ml
5) T A~2-methylnaphthalene...	7.278	2513034	20.626 ug/ml
6) T n-Tetradecane (C14)	8.479	2682709	20.767 ug/ml
7) T n-Hexadecane (C16)	10.085	2742629	20.952 ug/ml
8) T n-Octadecane (C18)	11.529	2787641	20.968 ug/ml
10) T n-Eicosane (C20)	12.839	2676325	20.959 ug/ml
11) T n-Heneicosane (C21)	13.451	2622144	20.980 ug/ml
13) T n-Docosane (C22)	14.038	2587165	21.013 ug/ml
14) T n-Tetracosane (C24)	15.142	2523563	20.899 ug/ml
15) T n-Hexacosane (C26)	16.165	2430904	20.883 ug/ml
16) T n-Octacosane (C28)	17.113	2323855	20.684 ug/ml
17) T n-Tricontane (C30)	18.001	2289980	20.390 ug/ml
18) T n-Dotriacontane (C32)	18.834	2187010	20.080 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2043777	19.618 ug/ml
20) T n-Hexatriacontane (C36)	20.358	1877451	18.939 ug/ml
21) T n-Octatriacontane (C38)	21.083	1780444	18.450 ug/ml
22) T n-Tetracontane (C40)	21.967	1598832	17.041 ug/ml

(f)=RT Delta > 1/2 Window

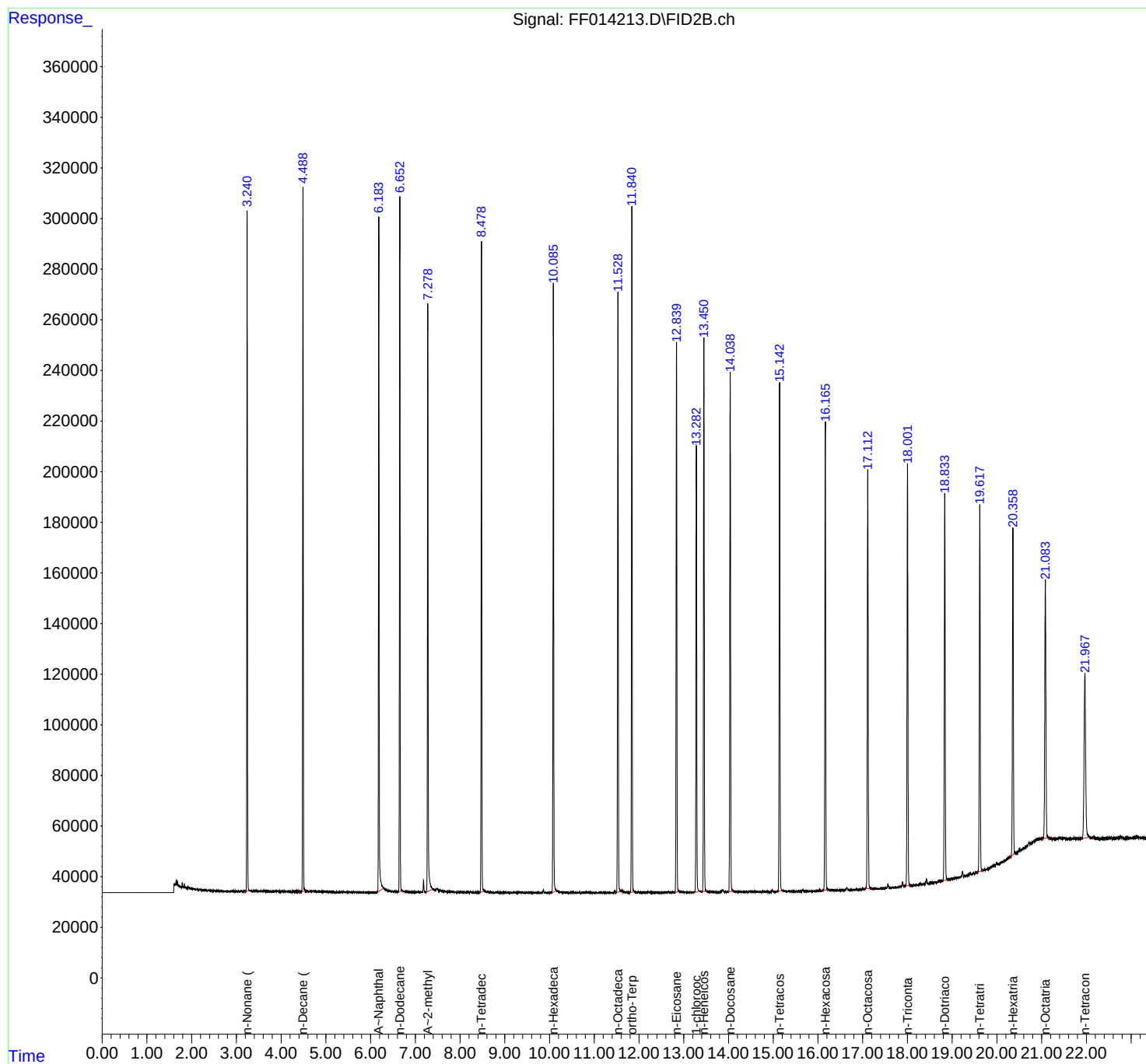
(m)=manual int.

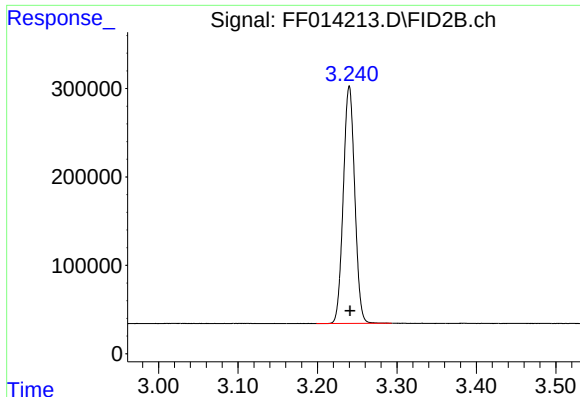
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Signal Info : 20M x 0.18mm x 0.18um

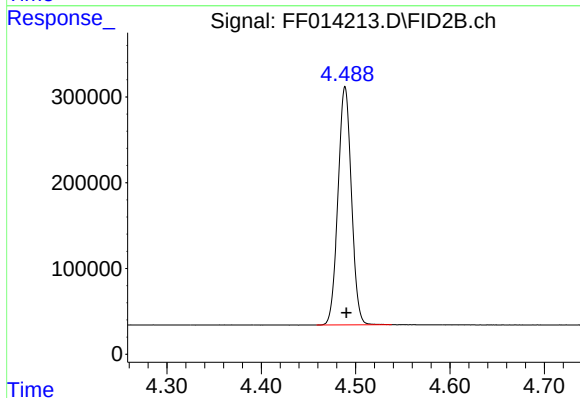




#1 n-Nonane (C9)

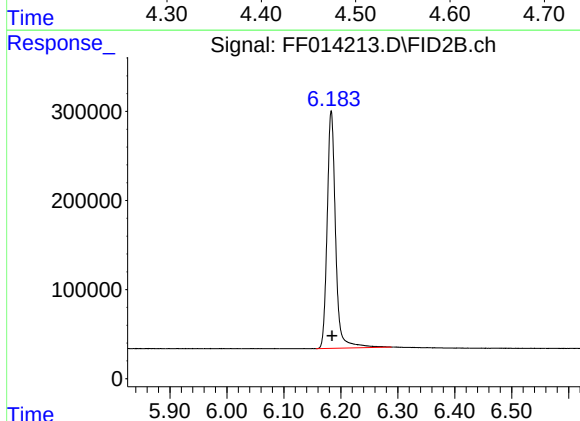
R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 2689294
Conc: 20.65 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



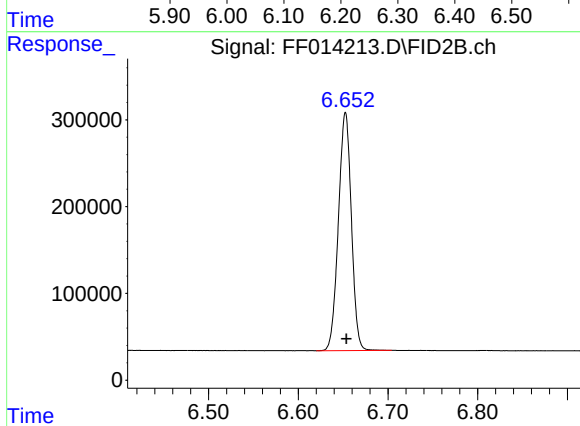
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 2743353
Conc: 20.70 ug/ml



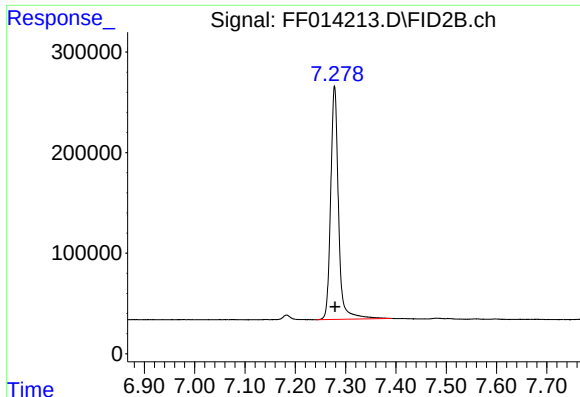
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 2740636
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

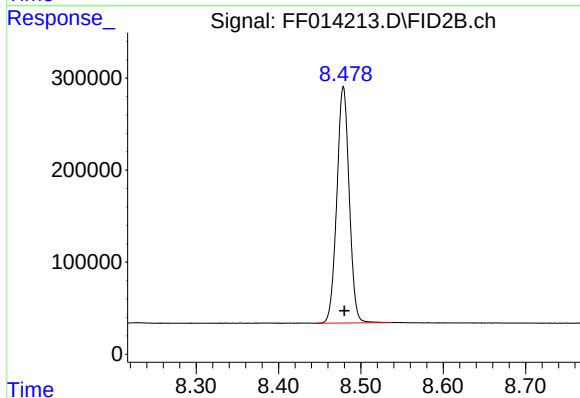
R.T.: 6.653 min
Delta R.T.: -0.001 min
Response: 2755830
Conc: 20.74 ug/ml



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

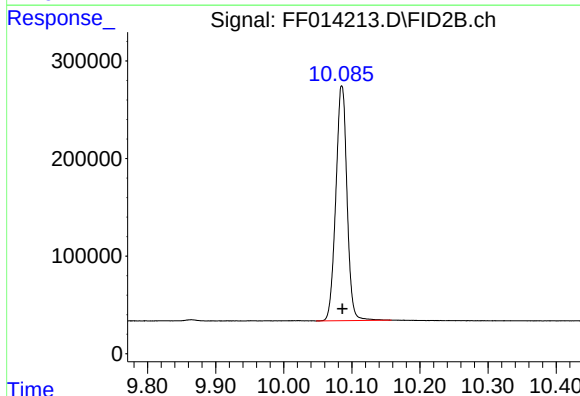
R.T.: 7.278 min
Delta R.T.: -0.001 min
Response: 2513034
Conc: 20.63 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



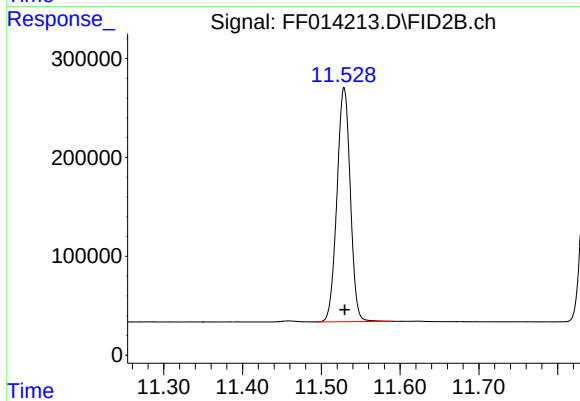
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 2682709
Conc: 20.77 ug/ml



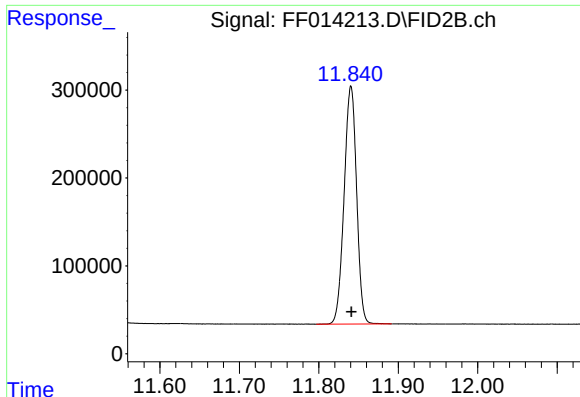
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.001 min
Response: 2742629
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

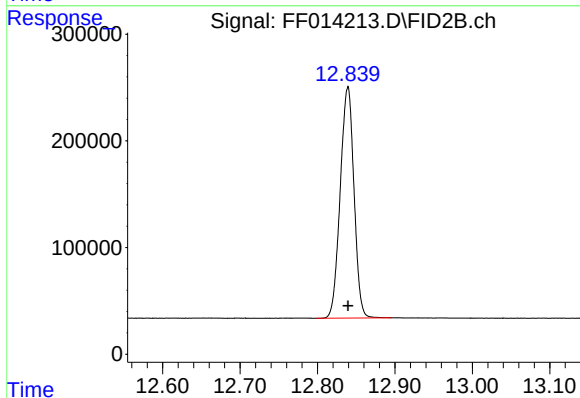
R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 2787641
Conc: 20.97 ug/ml



#9 ortho-Terphenyl (SURR)

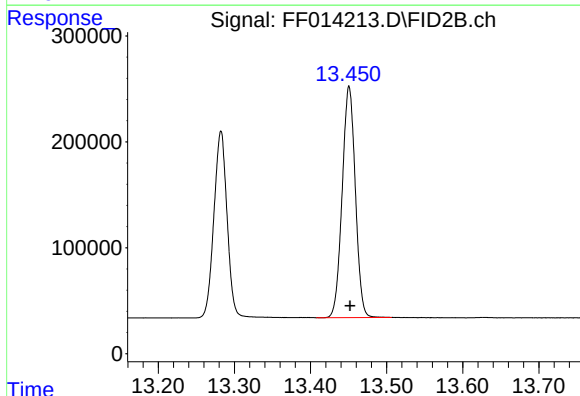
R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 2955602
Conc: 20.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



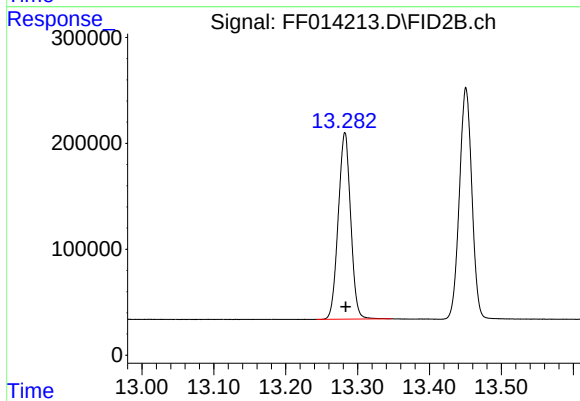
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 2676325
Conc: 20.96 ug/ml



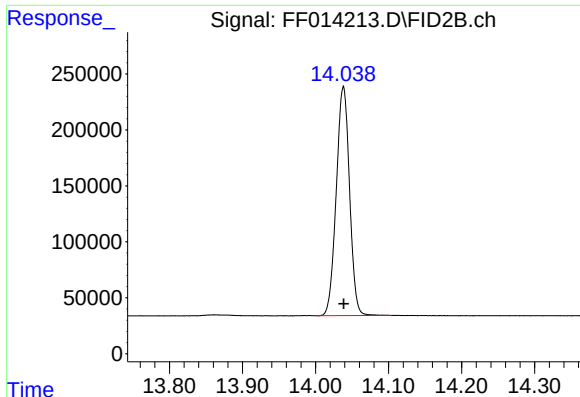
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.001 min
Response: 2622144
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

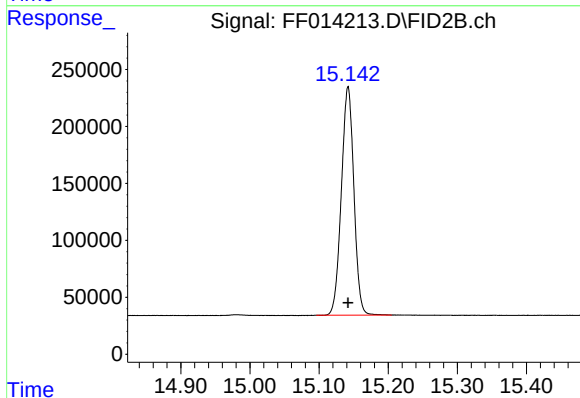
R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2111336
Conc: 20.82 ug/ml



#13 n-Docosane (C22)

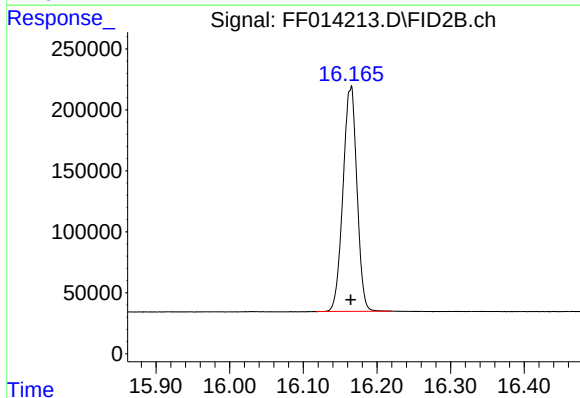
R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 2587165
Conc: 21.01 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



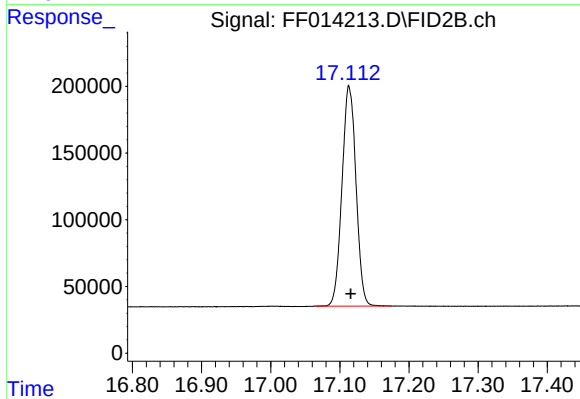
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: 0.000 min
Response: 2523563
Conc: 20.90 ug/ml



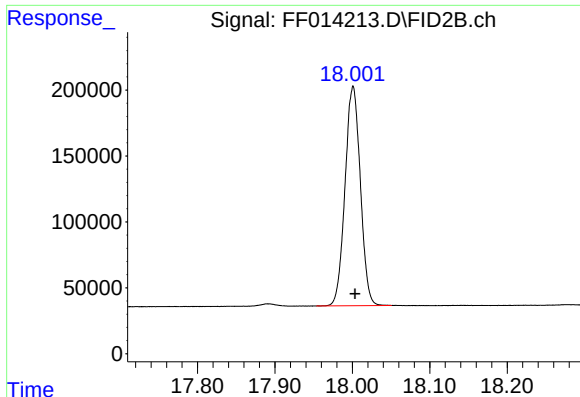
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 2430904
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

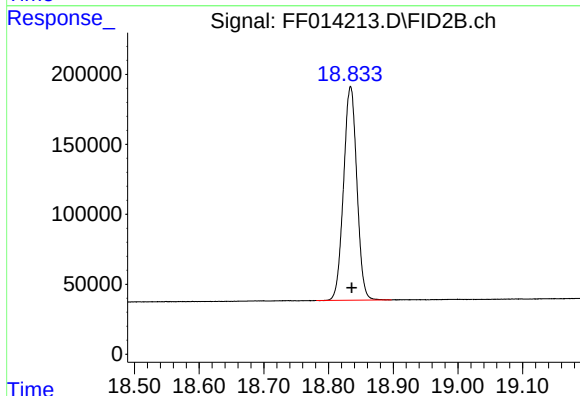
R.T.: 17.113 min
Delta R.T.: -0.003 min
Response: 2323855
Conc: 20.68 ug/ml



#17 n-Tricontane (C30)

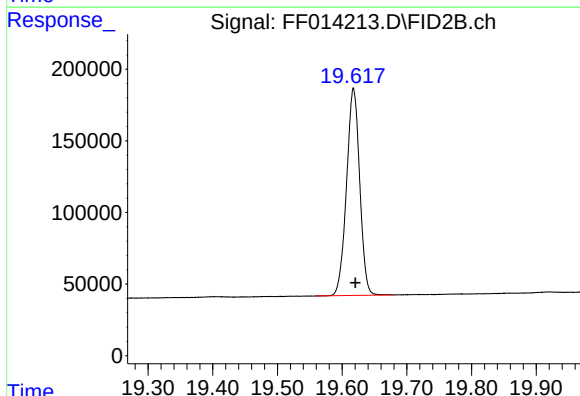
R.T.: 18.001 min
Delta R.T.: -0.002 min
Response: 2289980
Conc: 20.39 ug/ml

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FID_F
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20 PPM ALIPHATIC HC STD



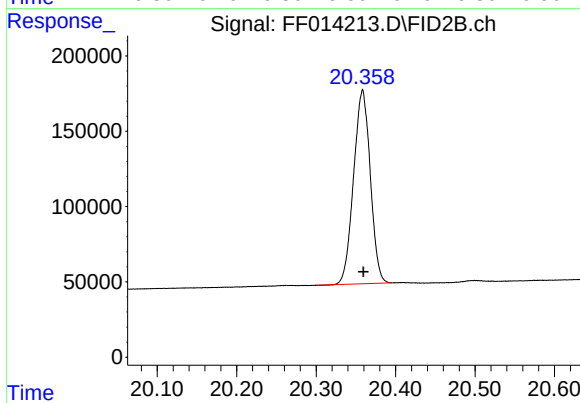
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.002 min
Response: 2187010
Conc: 20.08 ug/ml



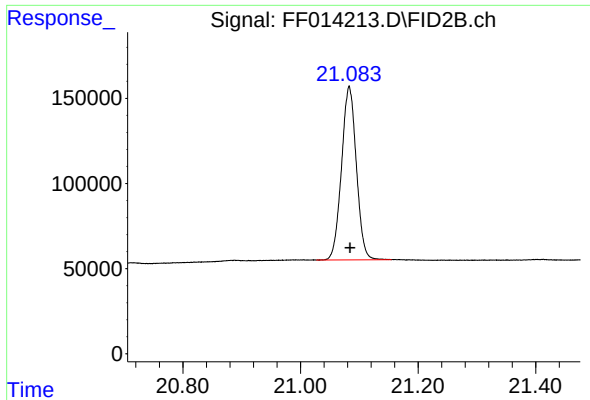
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.003 min
Response: 2043777
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

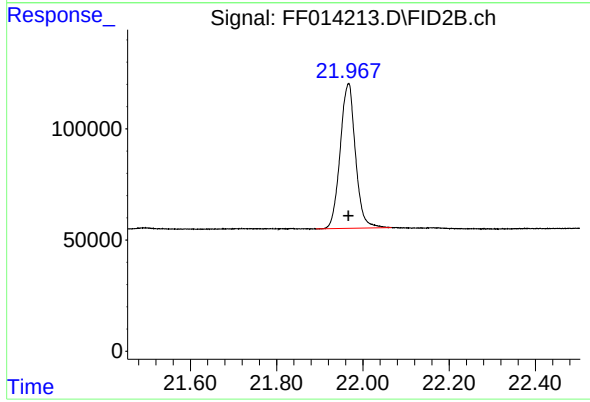
R.T.: 20.358 min
Delta R.T.: -0.001 min
Response: 1877451
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.002 min
Response: 1780444
Conc: 18.45 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 1598832
Conc: 17.04 ug/ml