

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014203.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 11:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 13 04:08:58 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)	11.840	2821888	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.282	2020278	19.920 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.240	2558572	19.644 ug/ml
2) T n-Decane (C10)	4.489	2610414	19.699 ug/ml
3) T A~Naphthalene (C11.7)	6.183	2612099	19.625 ug/ml
4) T n-Dodecane (C12)	6.652	2622662	19.739 ug/ml
5) T A~2-methylnaphthalene...	7.278	2413397	19.808 ug/ml
6) T n-Tetradecane (C14)	8.479	2561060	19.825 ug/ml
7) T n-Hexadecane (C16)	10.085	2613969	19.969 ug/ml
8) T n-Octadecane (C18)	11.528	2655991	19.978 ug/ml
10) T n-Eicosane (C20)	12.838	2554191	20.002 ug/ml
11) T n-Heneicosane (C21)	13.450	2504074	20.035 ug/ml
13) T n-Docosane (C22)	14.037	2468455	20.049 ug/ml
14) T n-Tetracosane (C24)	15.142	2410641	19.964 ug/ml
15) T n-Hexacosane (C26)	16.162	2326497	19.986 ug/ml
16) T n-Octacosane (C28)	17.113	2227892	19.830 ug/ml
17) T n-Tricontane (C30)	18.002	2201721	19.605 ug/ml
18) T n-Dotriacontane (C32)	18.835	2105508	19.332 ug/ml
19) T n-Tetratriacontane (C34)	19.619	1989737	19.099 ug/ml
20) T n-Hexatriacontane (C36)	20.359	1861992	18.783 ug/ml
21) T n-Octatriacontane (C38)	21.083	1785012	18.497 ug/ml
22) T n-Tetracontane (C40)	21.966	1670626	17.807 ug/ml

(f)=RT Delta > 1/2 Window

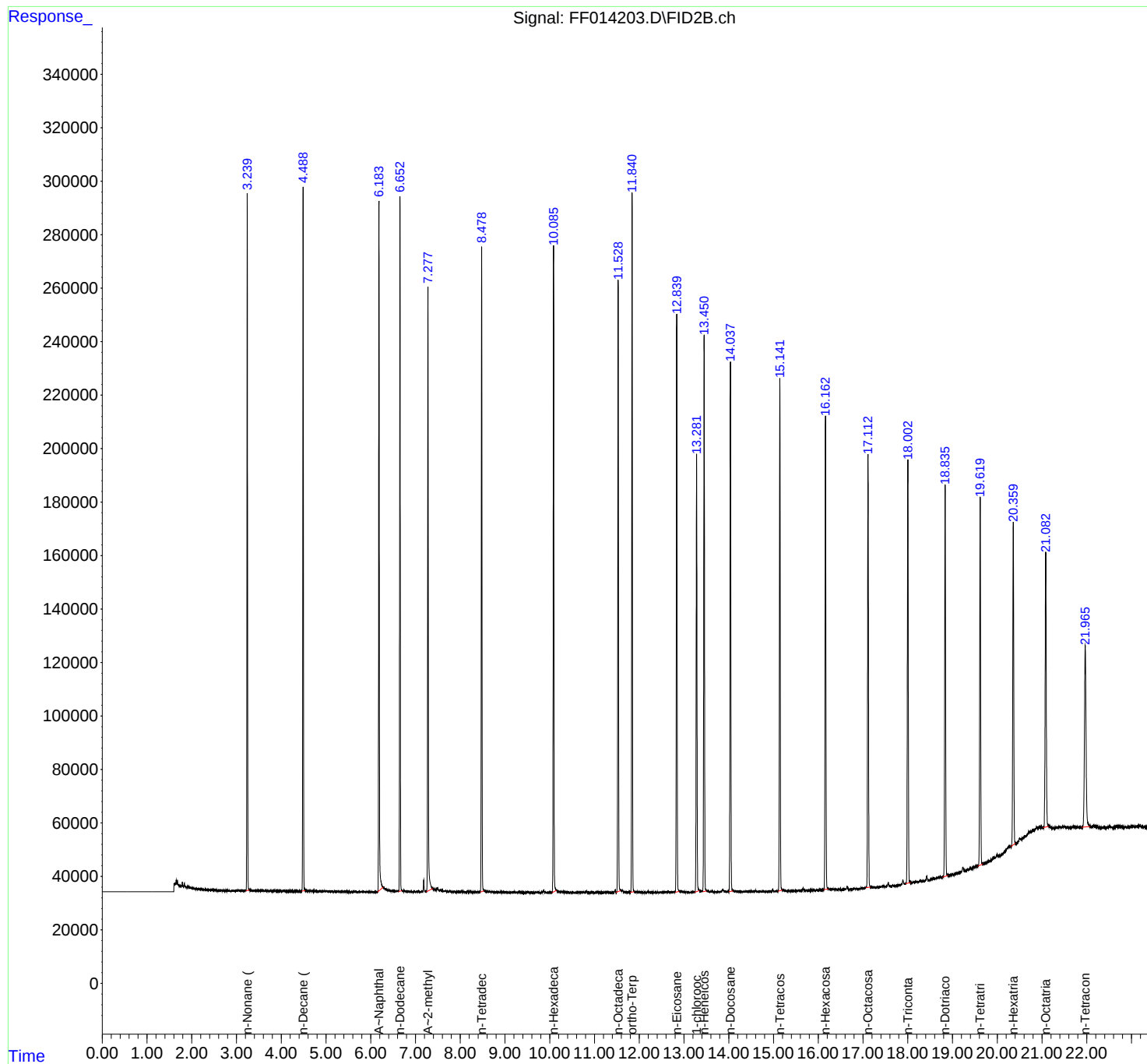
(m)=manual int.

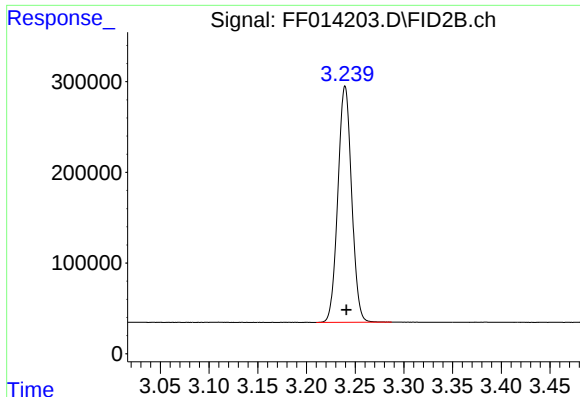
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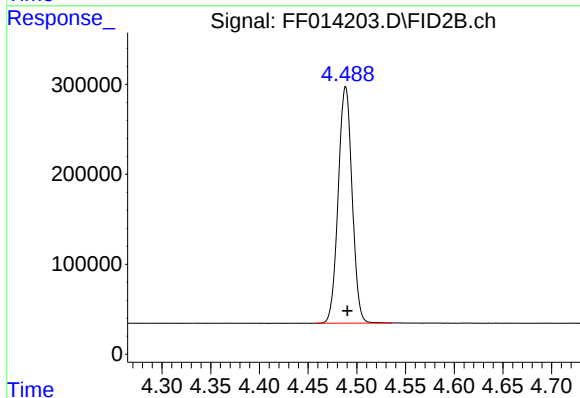




#1 n-Nonane (C9)

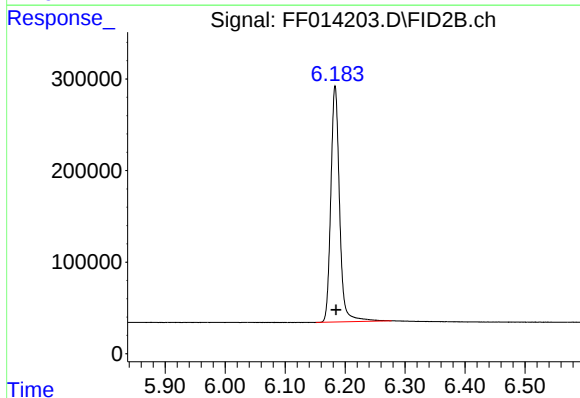
R.T.: 3.240 min
Delta R.T.: -0.001 min
Response: 2558572
Conc: 19.64 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



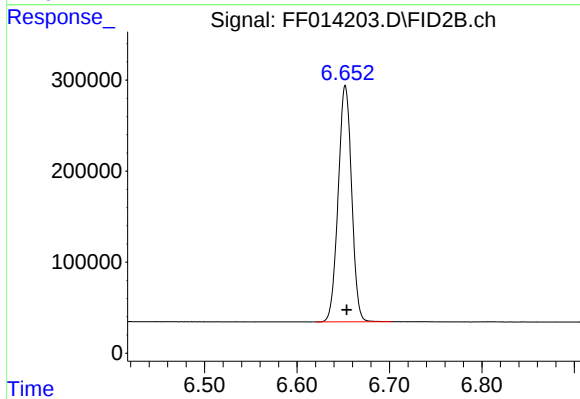
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 2610414
Conc: 19.70 ug/ml



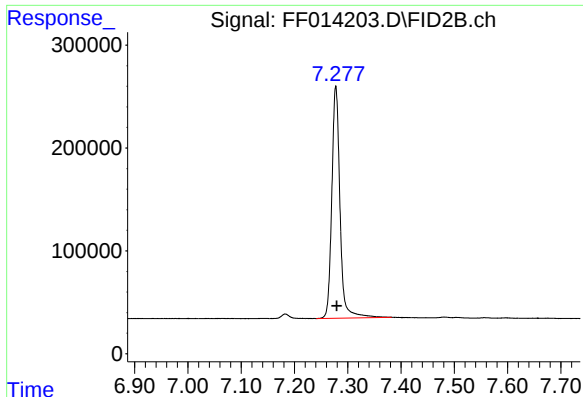
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 2612099
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

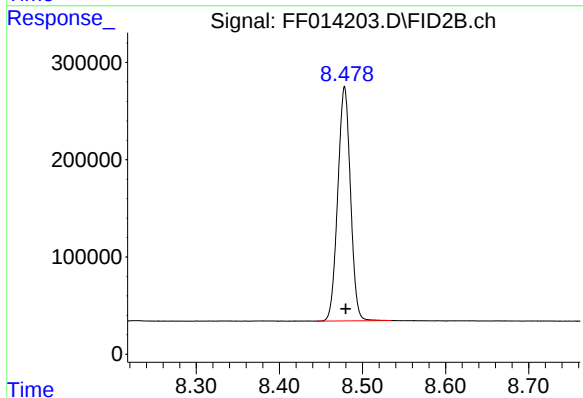
R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 2622662
Conc: 19.74 ug/ml



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

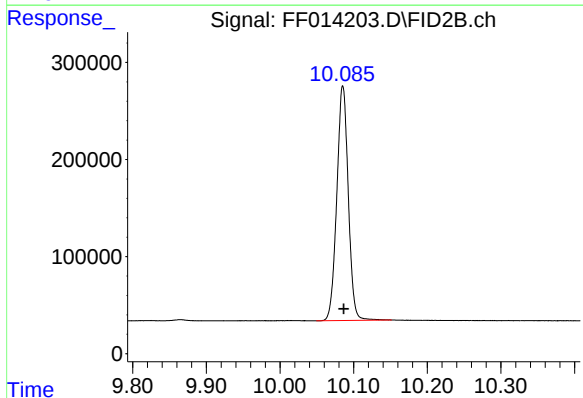
R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 2413397
Conc: 19.81 ug/ml

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20 PPM ALIPHATIC HC STD



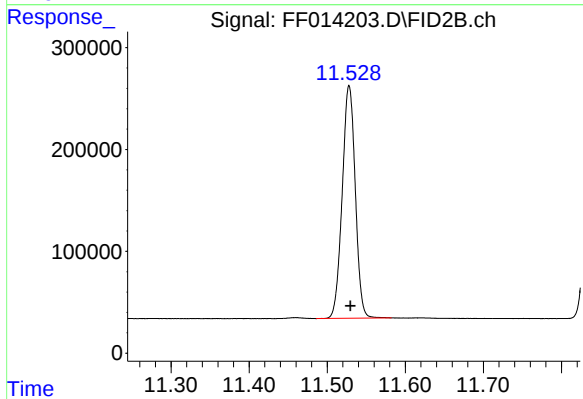
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 2561060
Conc: 19.83 ug/ml



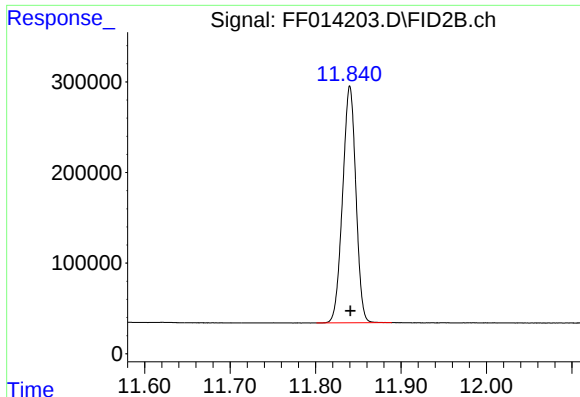
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.001 min
Response: 2613969
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

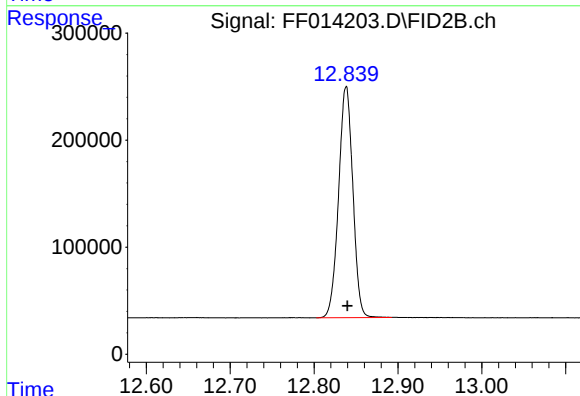
R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 2655991
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

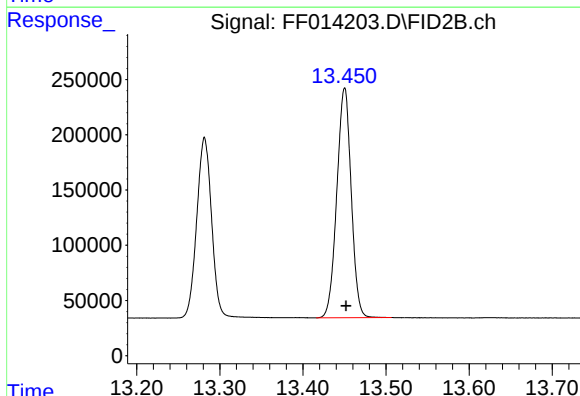
R.T.: 11.840 min
Delta R.T.: 0.000 min
Response: 2821888
Conc: 20.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



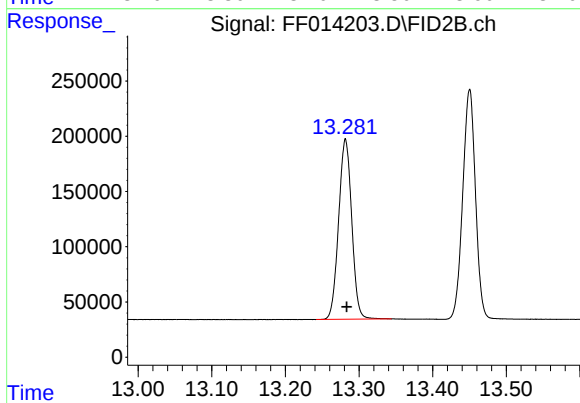
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.001 min
Response: 2554191
Conc: 20.00 ug/ml



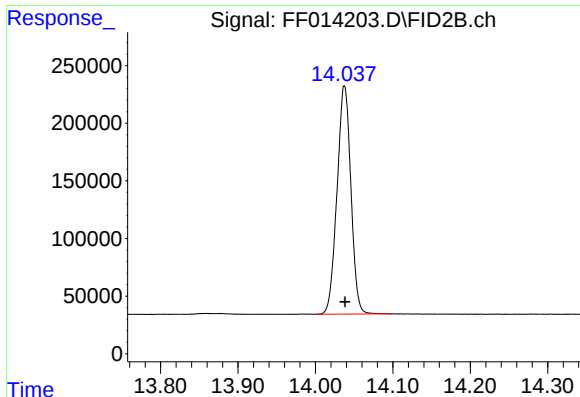
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 2504074
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

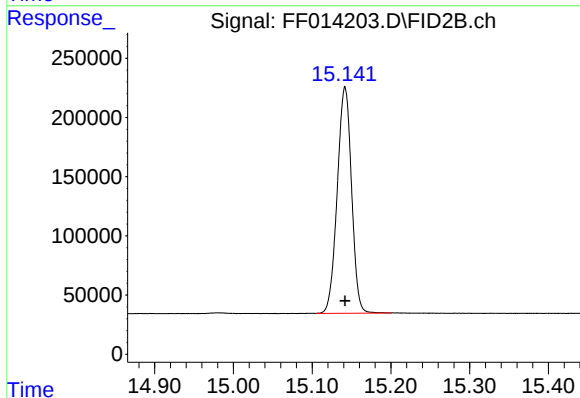
R.T.: 13.282 min
Delta R.T.: -0.002 min
Response: 2020278
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

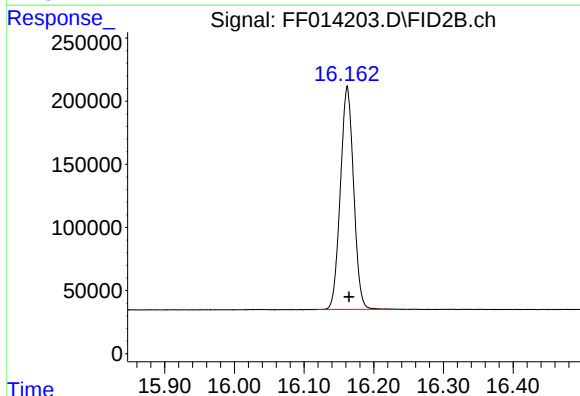
R.T.: 14.037 min
Delta R.T.: 0.000 min
Response: 2468455
Conc: 20.05 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



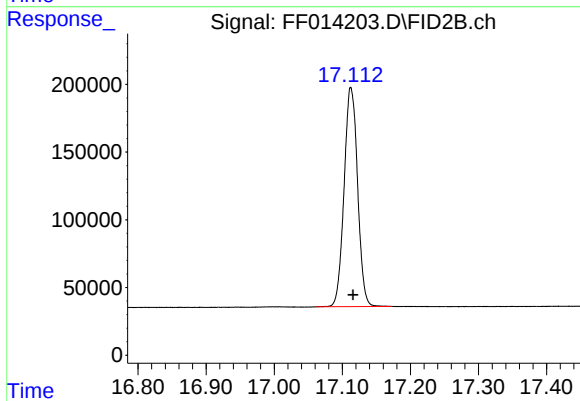
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: 0.000 min
Response: 2410641
Conc: 19.96 ug/ml



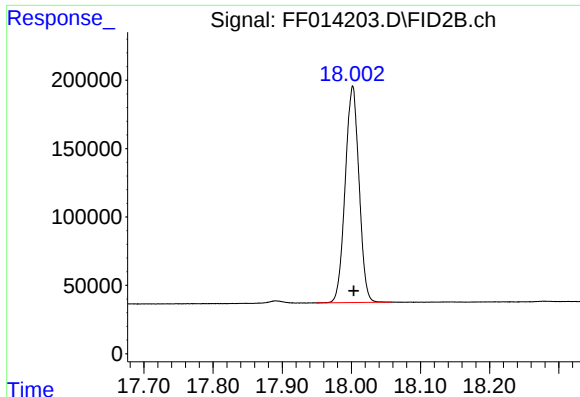
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.002 min
Response: 2326497
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

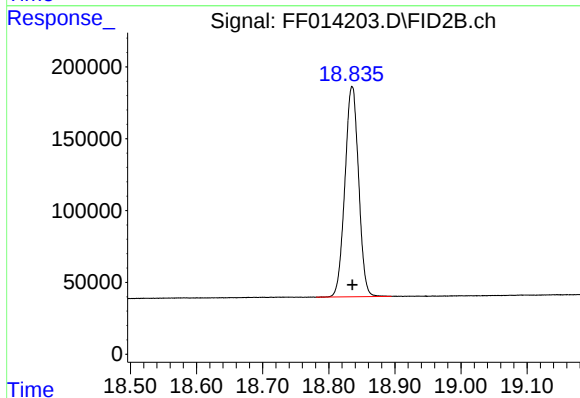
R.T.: 17.113 min
Delta R.T.: -0.003 min
Response: 2227892
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

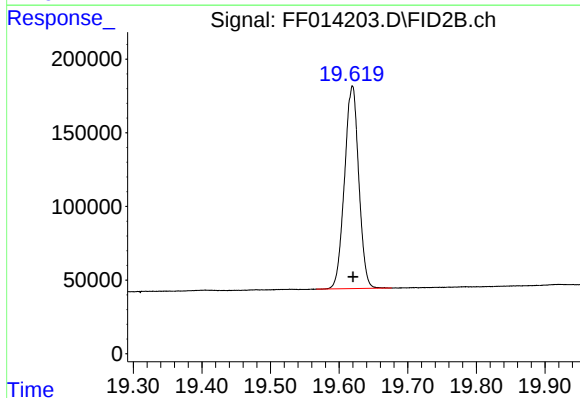
R.T.: 18.002 min
Delta R.T.: -0.001 min
Response: 2201721
Conc: 19.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



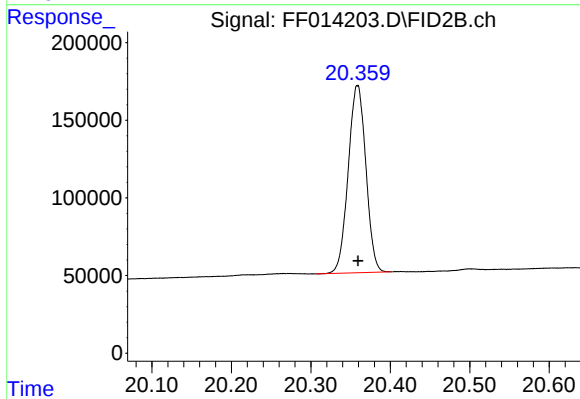
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: 0.000 min
Response: 2105508
Conc: 19.33 ug/ml



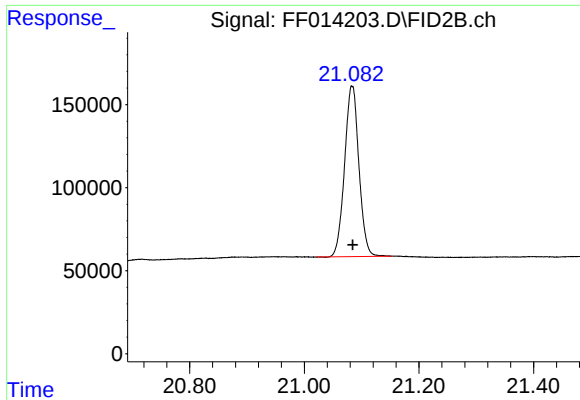
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 1989737
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

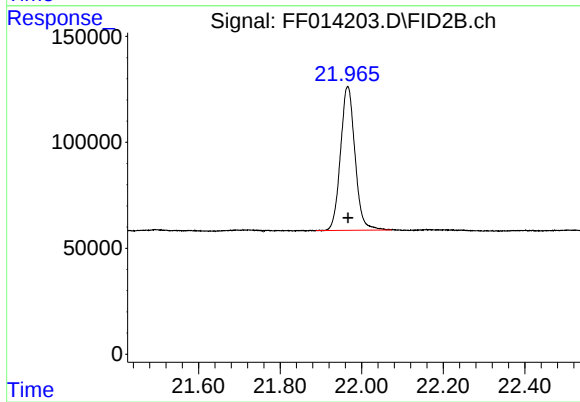
R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 1861992
Conc: 18.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.001 min
Response: 1785012
Conc: 18.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 1670626
Conc: 17.81 ug/ml