

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014201.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 04:15
 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 11 04:47:19 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	2839710	20.156 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	13.283	2047746	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.240	2599457	19.958 ug/ml
2) T n-Decane (C10)	4.489	2651696	20.010 ug/ml
3) T A~Naphthalene (C11.7)	6.184	2671163	20.069 ug/ml
4) T n-Dodecane (C12)	6.653	2660666	20.025 ug/ml
5) T A~2-methylnaphthalene...	7.279	2467324	20.250 ug/ml
6) T n-Tetradecane (C14)	8.480	2593522	20.077 ug/ml
7) T n-Hexadecane (C16)	10.086	2655762	20.288 ug/ml
8) T n-Octadecane (C18)	11.529	2690643	20.238 ug/ml
10) T n-Eicosane (C20)	12.839	2578493	20.192 ug/ml
11) T n-Heneicosane (C21)	13.452	2524138	20.196 ug/ml
13) T n-Docosane (C22)	14.038	2484190	20.177 ug/ml
14) T n-Tetracosane (C24)	15.142	2424279	20.077 ug/ml
15) T n-Hexacosane (C26)	16.164	2342793	20.126 ug/ml
16) T n-Octacosane (C28)	17.113	2250076	20.028 ug/ml
17) T n-Tricontane (C30)	18.002	2246354	20.002 ug/ml
18) T n-Dotriacontane (C32)	18.835	2169154	19.916 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2070284	19.873 ug/ml
20) T n-Hexatriacontane (C36)	20.359	1955841	19.730 ug/ml
21) T n-Octatriacontane (C38)	21.083	1902398	19.714 ug/ml
22) T n-Tetracontane (C40)	21.966	1786119	19.038 ug/ml

(f)=RT Delta > 1/2 Window

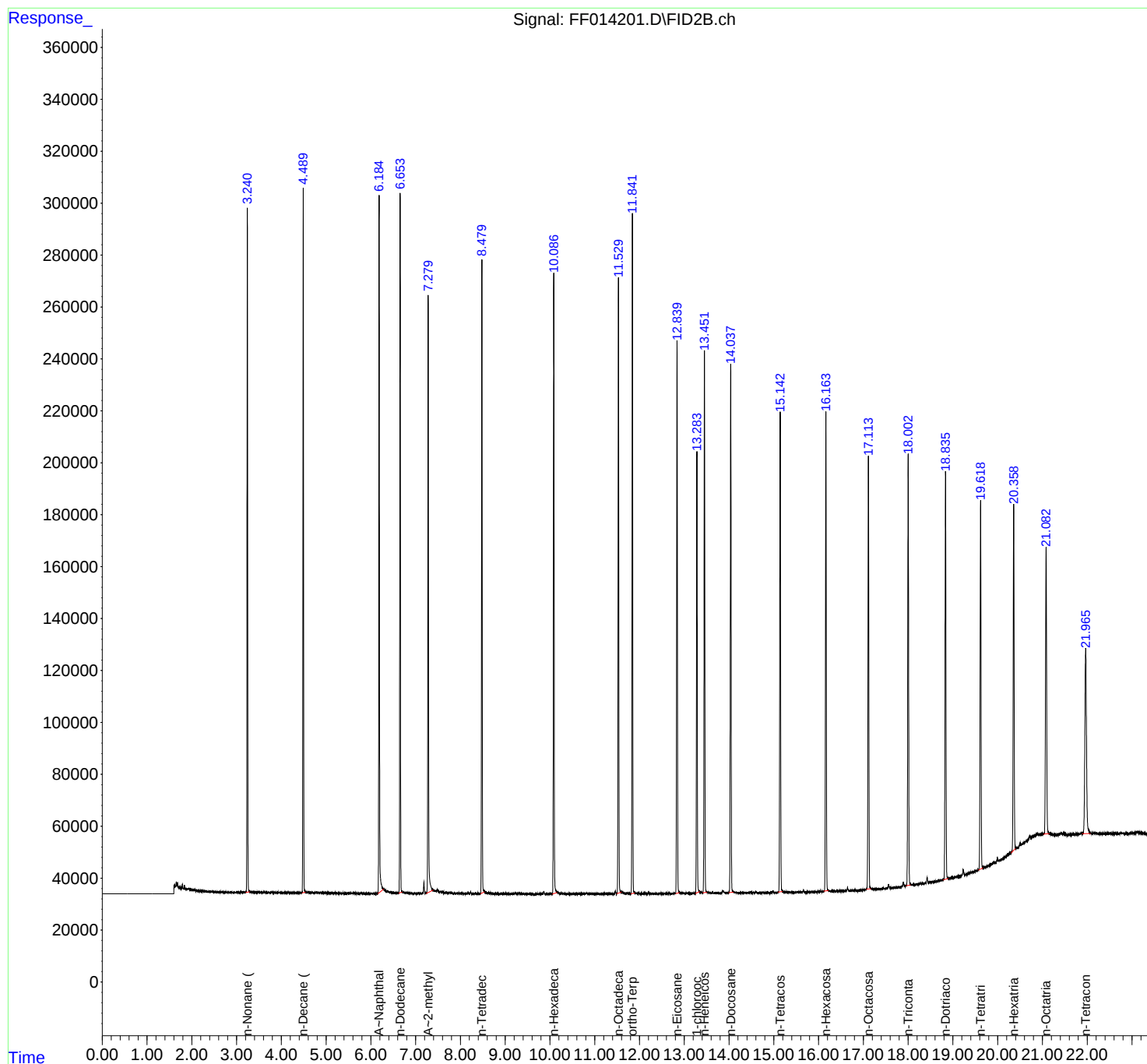
(m)=manual int.

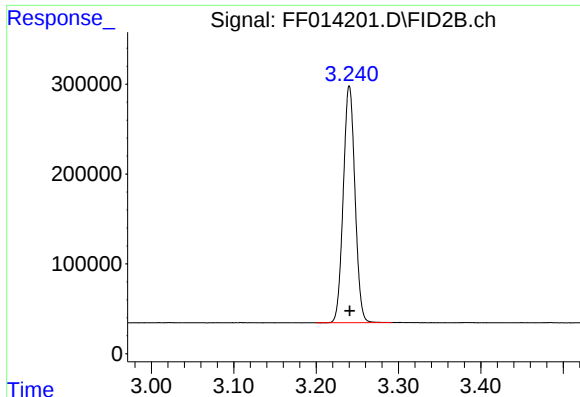
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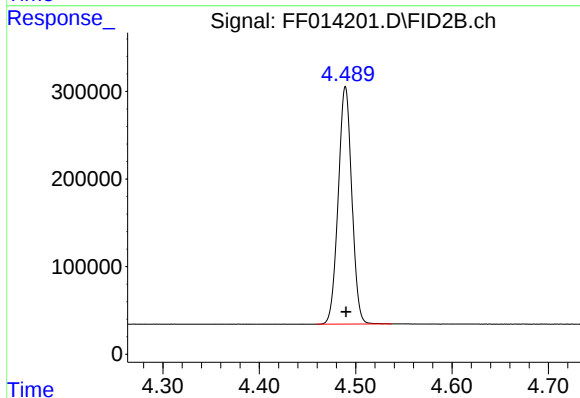




#1 n-Nonane (C9)

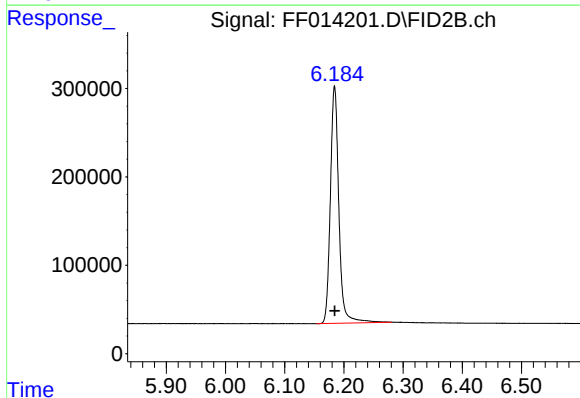
R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 2599457
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



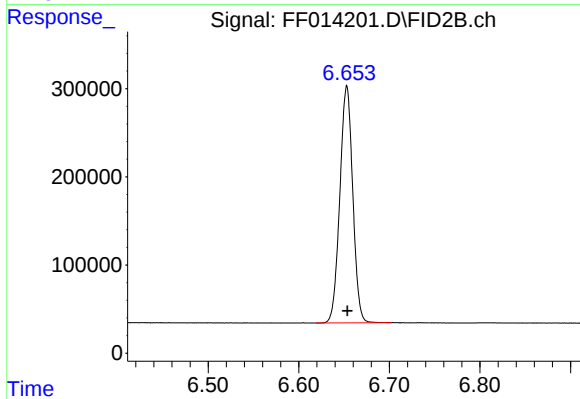
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2651696
Conc: 20.01 ug/ml



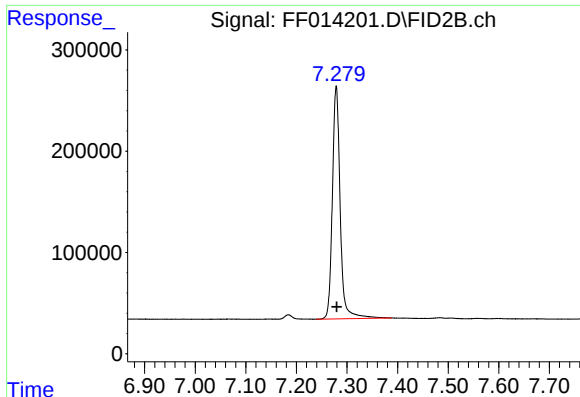
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 2671163
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

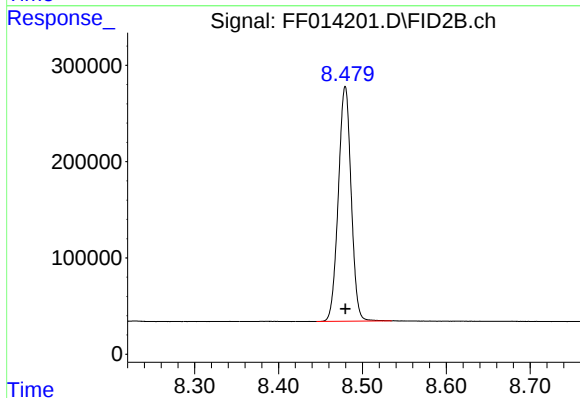
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 2660666
Conc: 20.02 ug/ml



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

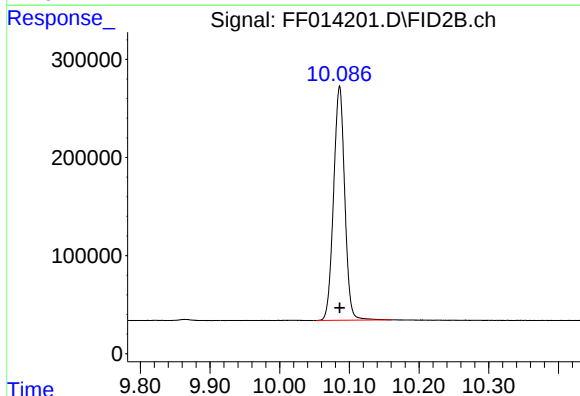
R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 2467324
Conc: 20.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



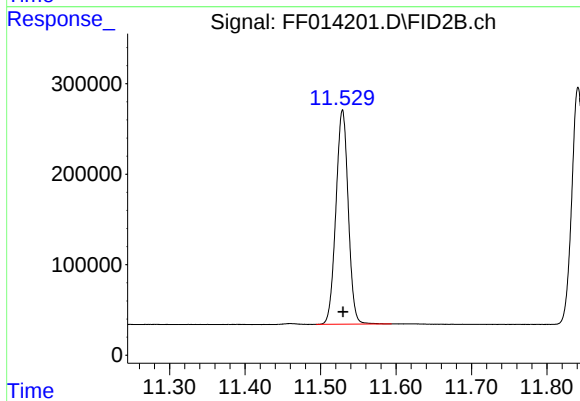
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 2593522
Conc: 20.08 ug/ml



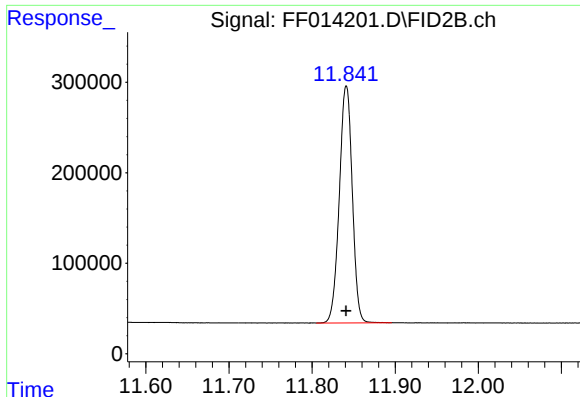
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 2655762
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

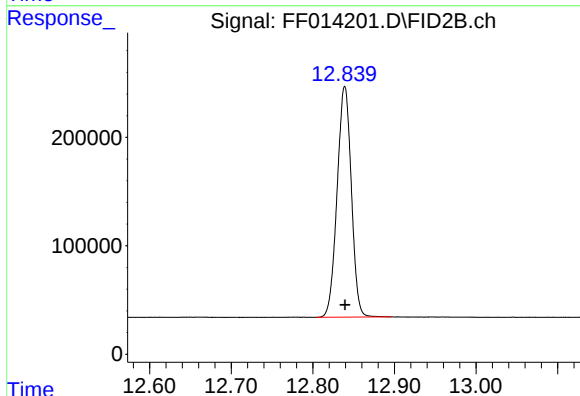
R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 2690643
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

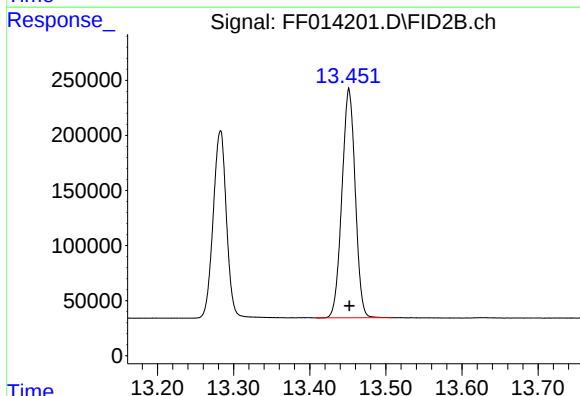
R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 2839710
Conc: 20.16 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



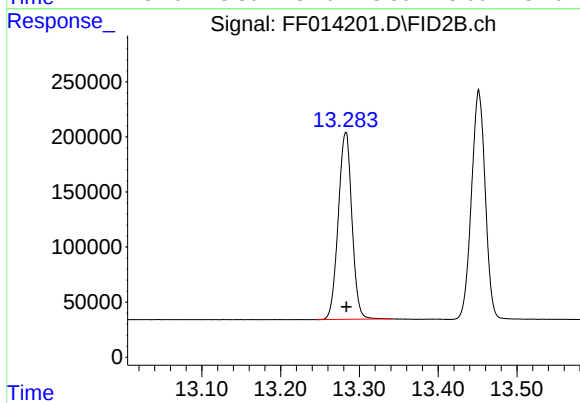
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 2578493
Conc: 20.19 ug/ml



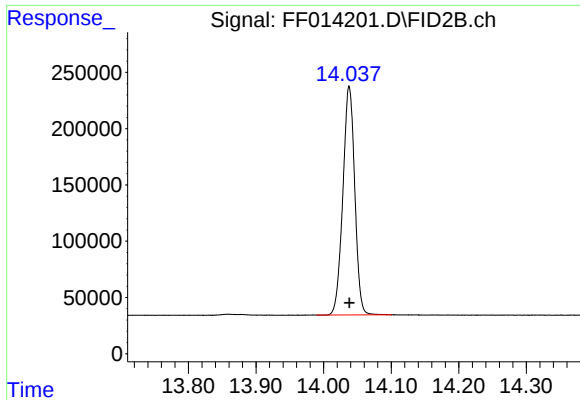
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: 0.000 min
Response: 2524138
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

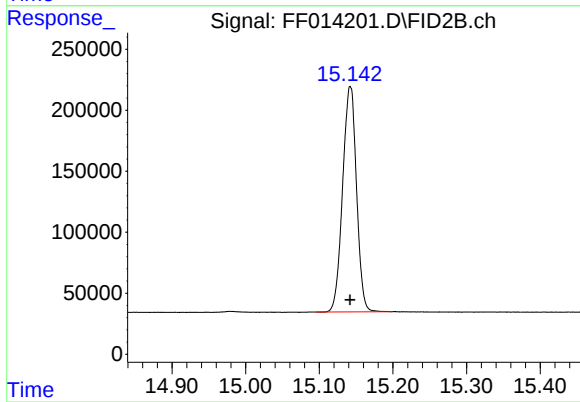
R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 2047746
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

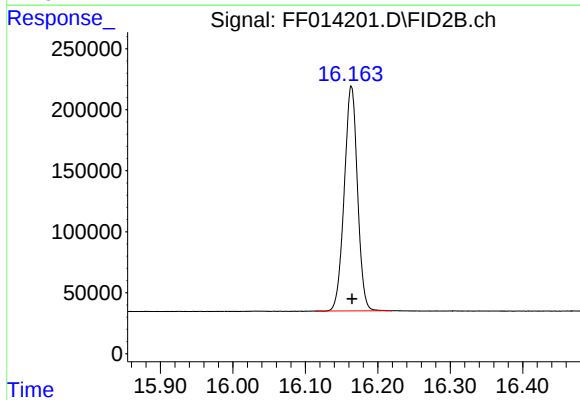
R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 2484190
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



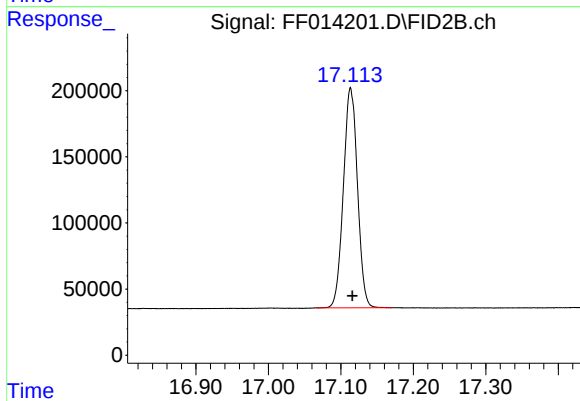
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: 0.000 min
Response: 2424279
Conc: 20.08 ug/ml



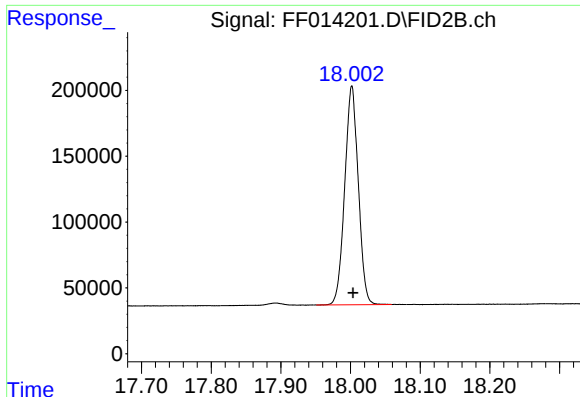
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2342793
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

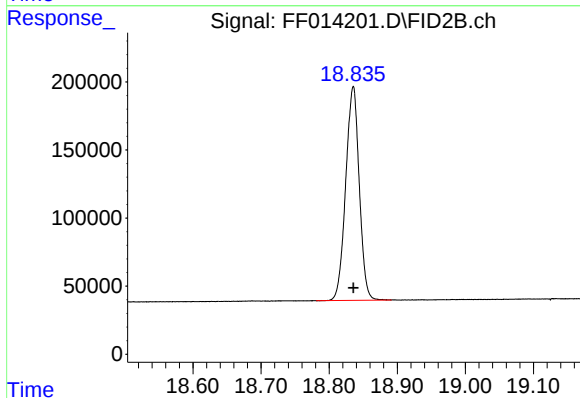
R.T.: 17.113 min
Delta R.T.: -0.002 min
Response: 2250076
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

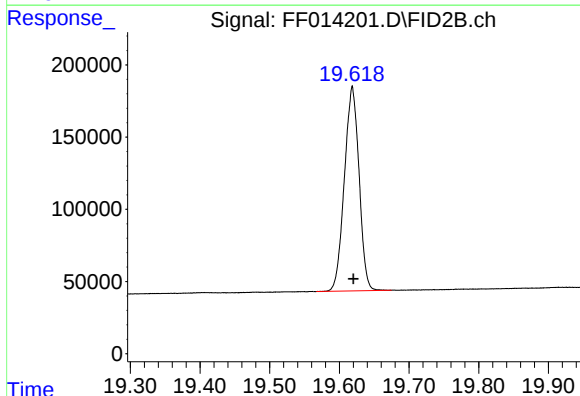
R.T.: 18.002 min
Delta R.T.: -0.002 min
Response: 2246354
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



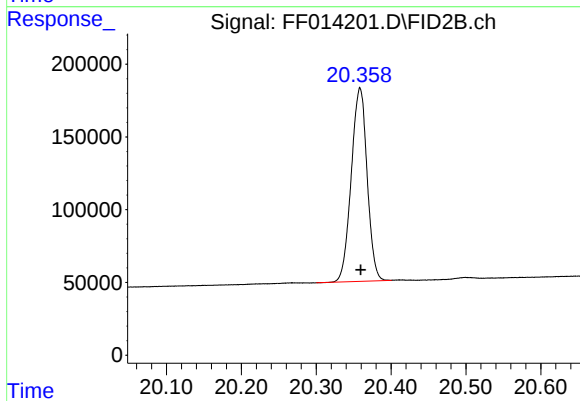
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: 0.000 min
Response: 2169154
Conc: 19.92 ug/ml



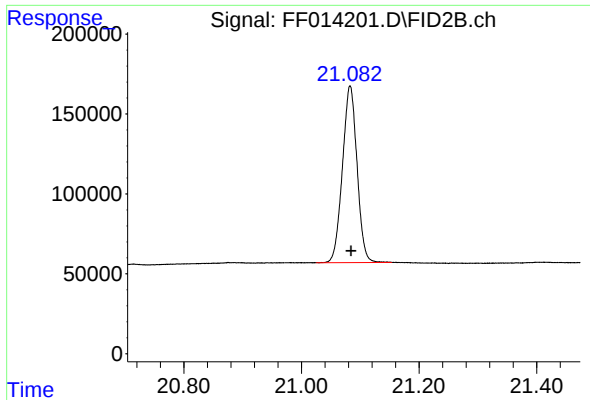
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.002 min
Response: 2070284
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

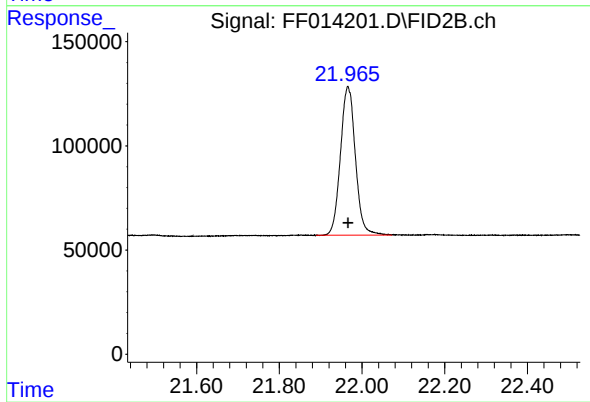
R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 1955841
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.002 min
Response: 1902398
Conc: 19.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 1786119
Conc: 19.04 ug/ml