

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020524AL\
 Data File : FE046591.D
 Signal(s) : FID1B.ch
 Acq On : 05 Feb 2024 22:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 06 03:17:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.816	3201486	17.314 ug/ml
Spiked Amount 50.000		Recovery =	34.63%
12) S 1-chlorooctadecane (S...	13.258	2417118	16.989 ug/ml
Spiked Amount 50.000		Recovery =	33.98%
Target Compounds			
1) T n-Nonane (C9)	3.203	3010888	18.640 ug/ml
2) T n-Decane (C10)	4.454	3103217	18.935 ug/ml
3) T A~Naphthalene (C11.7)	6.160	3198127	18.703 ug/ml
4) T n-Dodecane (C12)	6.622	3112803	18.819 ug/ml
5) T A~2-methylnaphthalene...	7.256	2964923	18.590 ug/ml
6) T n-Tetradecane (C14)	8.448	3049683	18.607 ug/ml
7) T n-Hexadecane (C16)	10.057	3105355	18.173 ug/ml
8) T n-Octadecane (C18)	11.502	3090638	17.728 ug/ml
10) T n-Eicosane (C20)	12.812	2922268	17.211 ug/ml
11) T n-Heneicosane (C21)	13.424	2850594	17.091 ug/ml
13) T n-Docosane (C22)	14.012	2817379	17.006 ug/ml
14) T n-Tetracosane (C24)	15.116	2778090	16.837 ug/ml
15) T n-Hexacosane (C26)	16.139	2718076	16.840 ug/ml
16) T n-Octacosane (C28)	17.091	2681243	17.080 ug/ml
17) T n-Tricontane (C30)	17.980	2722873	17.384 ug/ml
18) T n-Dotriacontane (C32)	18.815	2655804	17.570 ug/ml
19) T n-Tetratriacontane (C34)	19.601	2553144	18.001 ug/ml
20) T n-Hexatriacontane (C36)	20.341	2440943	17.708 ug/ml
21) T n-Octatriacontane (C38)	21.070	2456855	19.165 ug/ml
22) T n-Tetracontane (C40)	21.959	2497803	19.977 ug/ml

(f)=RT Delta > 1/2 Window

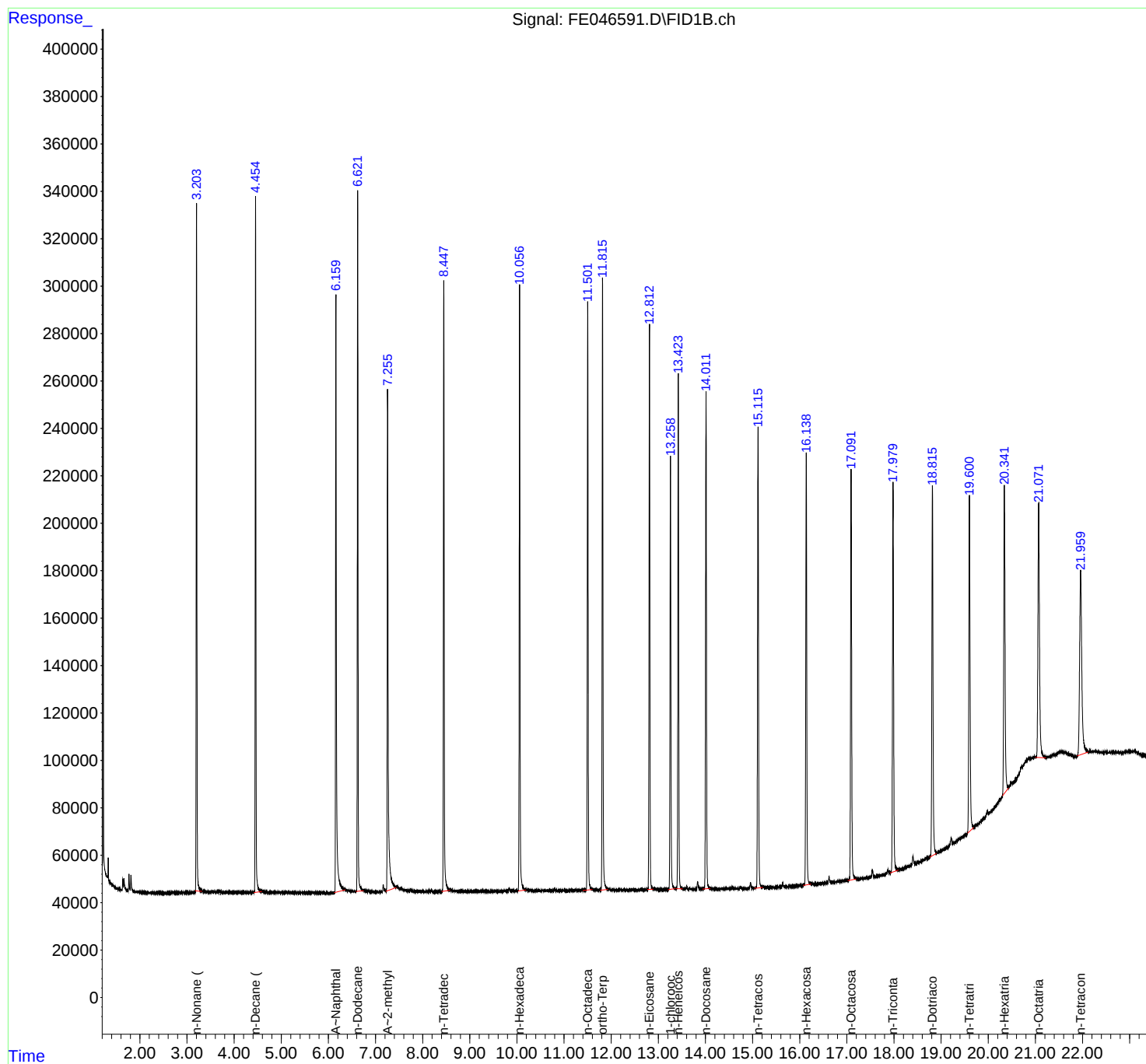
(m)=manual int.

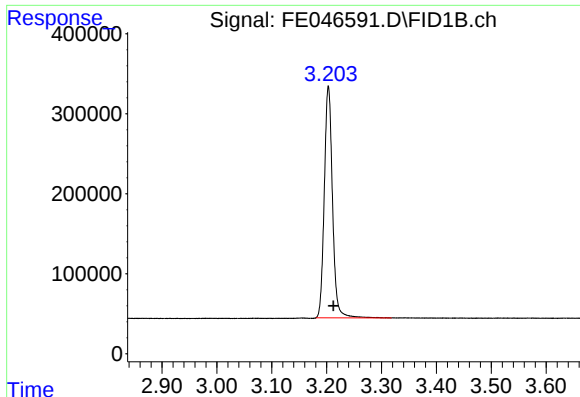
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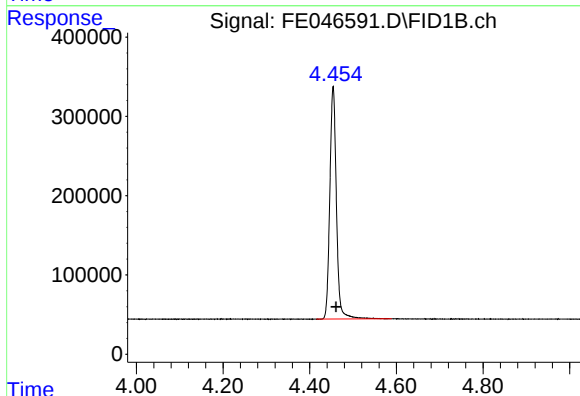




#1 n-Nonane (C9)

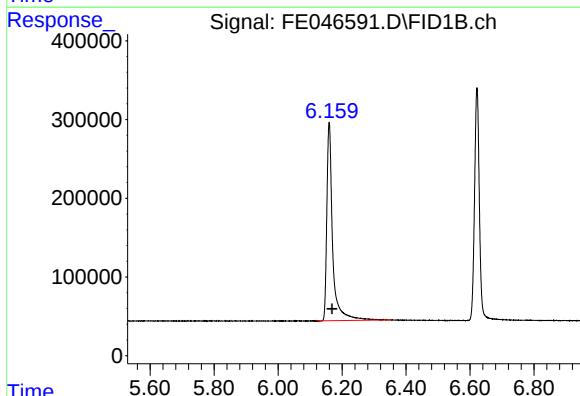
R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 3010888
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



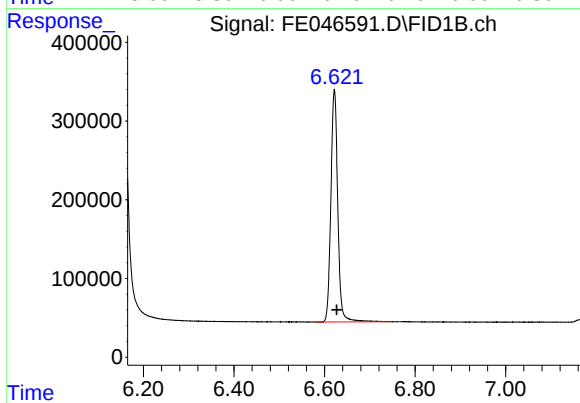
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.007 min
Response: 3103217
Conc: 18.94 ug/ml



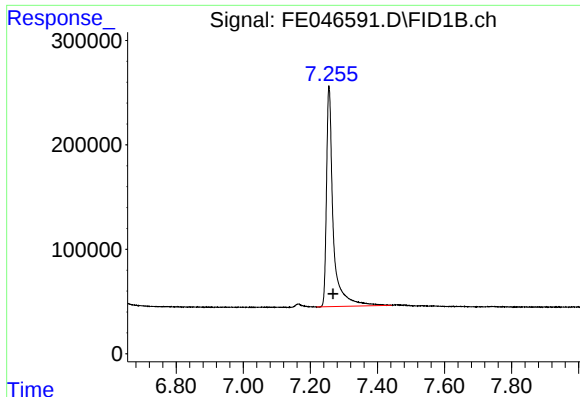
#3 A~Naphthalene (C11.7)

R.T.: 6.160 min
Delta R.T.: -0.009 min
Response: 3198127
Conc: 18.70 ug/ml



#4 n-Dodecane (C12)

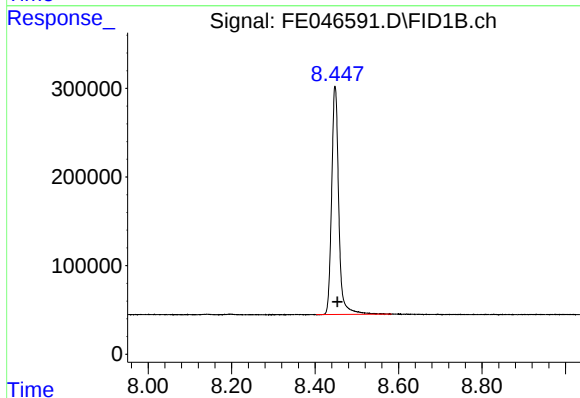
R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 3112803
Conc: 18.82 ug/ml



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

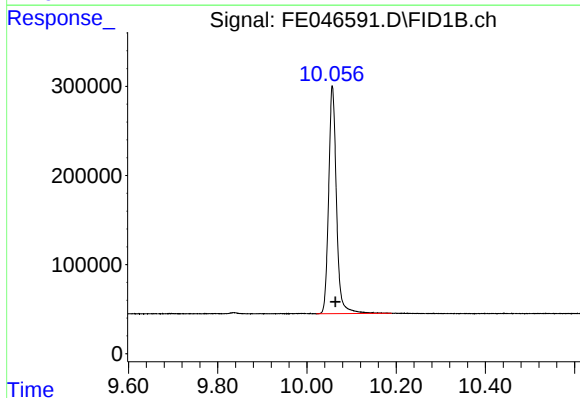
R.T.: 7.256 min
Delta R.T.: -0.012 min
Response: 2964923
Conc: 18.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



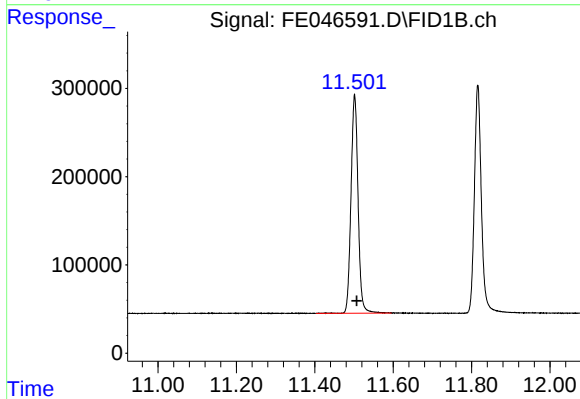
#6 n-Tetradecane (C14)

R.T.: 8.448 min
Delta R.T.: -0.006 min
Response: 3049683
Conc: 18.61 ug/ml



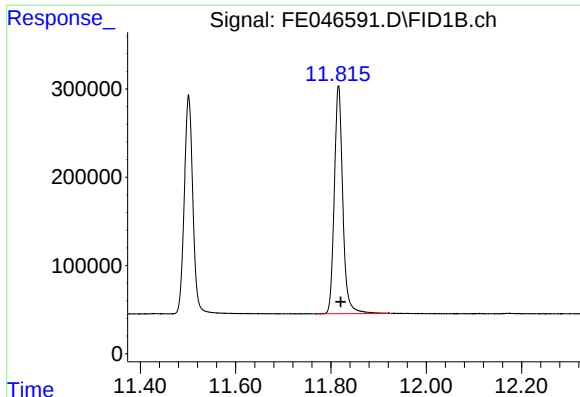
#7 n-Hexadecane (C16)

R.T.: 10.057 min
Delta R.T.: -0.007 min
Response: 3105355
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

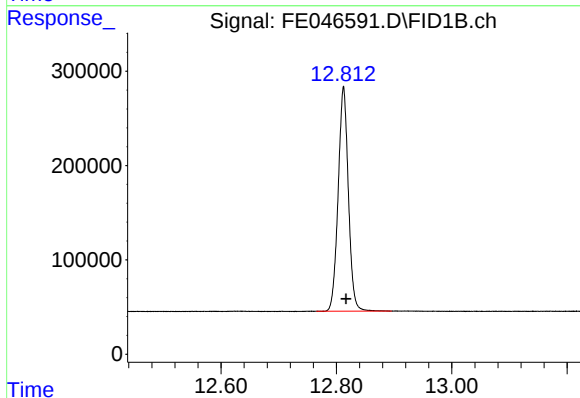
R.T.: 11.502 min
Delta R.T.: -0.005 min
Response: 3090638
Conc: 17.73 ug/ml



#9 ortho-Terphenyl (SURR)

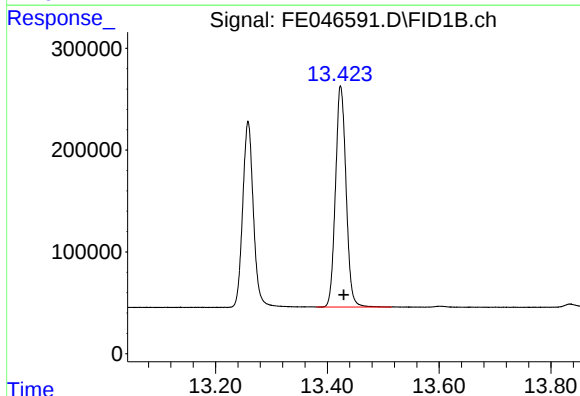
R.T.: 11.816 min
Delta R.T.: -0.005 min
Response: 3201486
Conc: 17.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



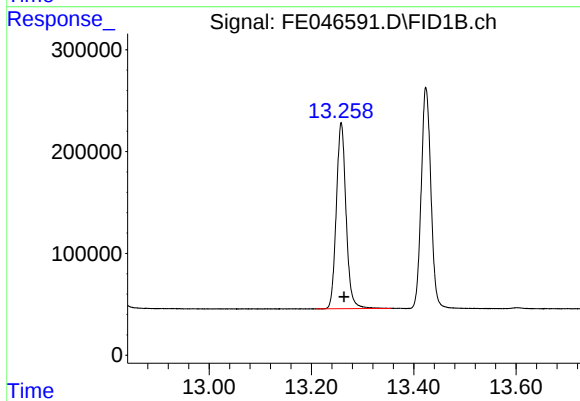
#10 n-Eicosane (C20)

R.T.: 12.812 min
Delta R.T.: -0.005 min
Response: 2922268
Conc: 17.21 ug/ml



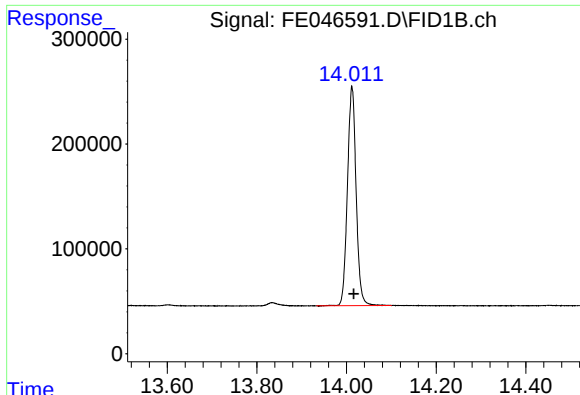
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.006 min
Response: 2850594
Conc: 17.09 ug/ml



#12 1-chlorooctadecane (SURR)

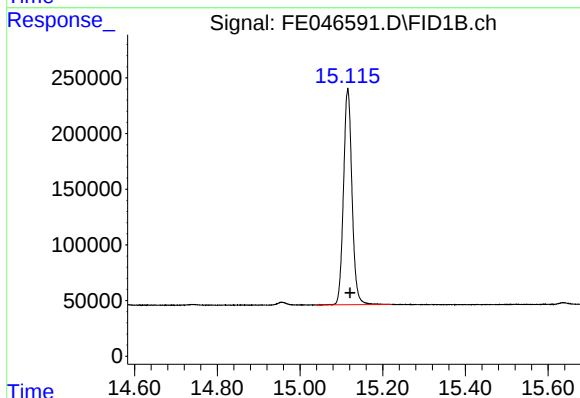
R.T.: 13.258 min
Delta R.T.: -0.005 min
Response: 2417118
Conc: 16.99 ug/ml



#13 n-Docosane (C22)

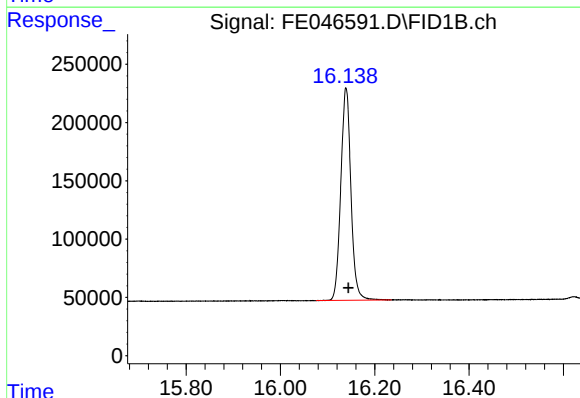
R.T.: 14.012 min
Delta R.T.: -0.004 min
Response: 2817379
Conc: 17.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



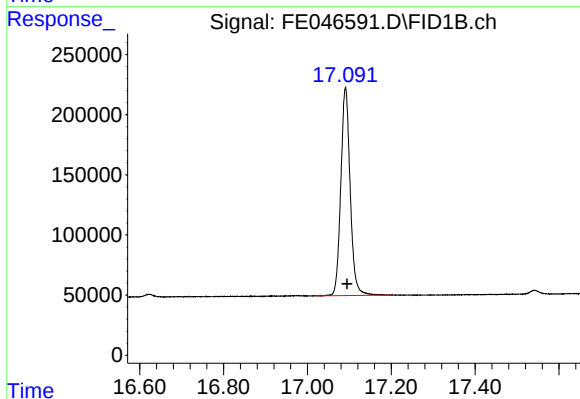
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.006 min
Response: 2778090
Conc: 16.84 ug/ml



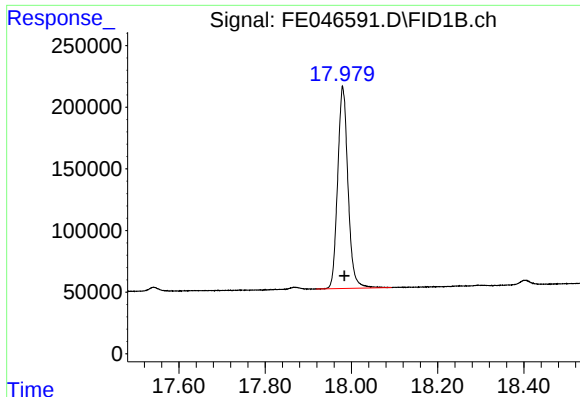
#15 n-Hexacosane (C26)

R.T.: 16.139 min
Delta R.T.: -0.005 min
Response: 2718076
Conc: 16.84 ug/ml



#16 n-Octacosane (C28)

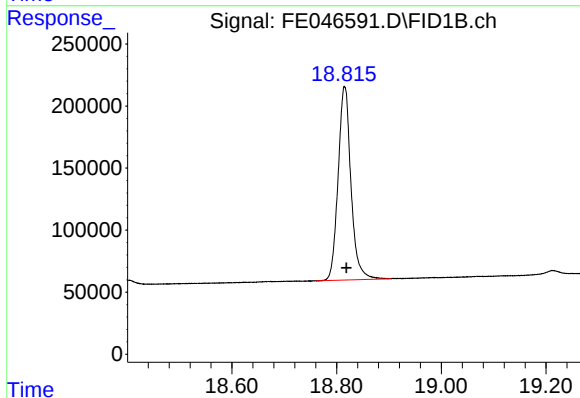
R.T.: 17.091 min
Delta R.T.: -0.004 min
Response: 2681243
Conc: 17.08 ug/ml



#17 n-Tricontane (C30)

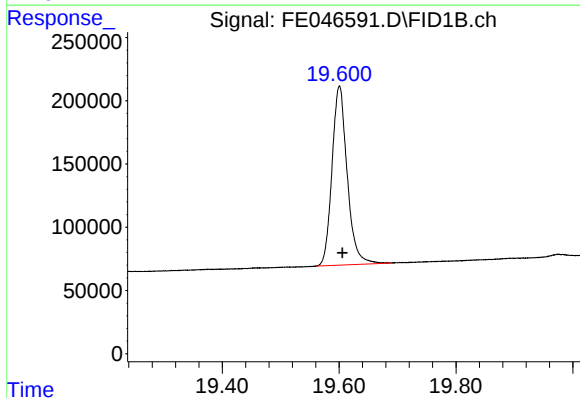
R.T.: 17.980 min
Delta R.T.: -0.004 min
Response: 2722873
Conc: 17.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



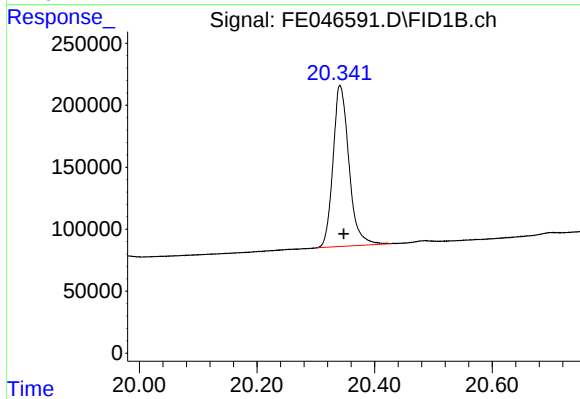
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.004 min
Response: 2655804
Conc: 17.57 ug/ml



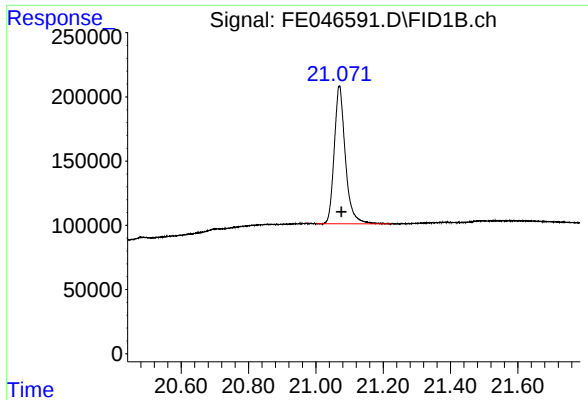
#19 n-Tetratriacontane (C34)

R.T.: 19.601 min
Delta R.T.: -0.005 min
Response: 2553144
Conc: 18.00 ug/ml



#20 n-Hexatriacontane (C36)

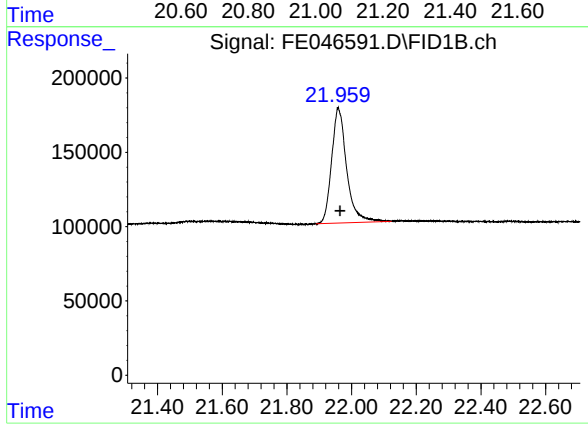
R.T.: 20.341 min
Delta R.T.: -0.006 min
Response: 2440943
Conc: 17.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.006 min
Response: 2456855
Conc: 19.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.006 min
Response: 2497803
Conc: 19.98 ug/ml