

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050422AL\
 Data File : FG009741.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2022 13:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 04 16:08:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 2022
 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)	10.837	2898612	18.911 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	12.288	2283132	18.762 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	2.665	2431478	19.157 ug/ml
2) T n-Decane (C10)	3.676	2399991	19.424 ug/ml
3) T A~Naphthalene (C11.7)	5.238	2730167	19.599 ug/ml
4) T n-Dodecane (C12)	5.675	2483986	19.450 ug/ml
5) T A~2-methylnaphthalene...	6.292	2758304	20.044 ug/ml
6) T n-Tetradecane (C14)	7.474	2479265	19.389 ug/ml
7) T n-Hexadecane (C16)	9.080	2592177	19.481 ug/ml
8) T n-Octadecane (C18)	10.528	2646566	19.136 ug/ml
10) T n-Eicosane (C20)	11.843	2627341	18.869 ug/ml
11) T n-Heneicosane (C21)	12.459	2630833	18.663 ug/ml
13) T n-Docosane (C22)	13.046	2626322	18.576 ug/ml
14) T n-Tetracosane (C24)	14.156	2602148	18.259 ug/ml
15) T n-Hexacosane (C26)	15.181	2539899	17.823 ug/ml
16) T n-Octacosane (C28)	16.133	2474853	17.410 ug/ml
17) T n-Tricontane (C30)	17.027	2390023	17.082 ug/ml
18) T n-Dotriacontane (C32)	17.861	2226773	16.905 ug/ml
19) T n-Tetratriacontane (C34)	18.648	2084638	17.768 ug/ml
20) T n-Hexatriacontane (C36)	19.390	1817056	18.167 ug/ml
21) T n-Octatriacontane (C38)	20.131	1642318	18.941 ug/ml
22) T n-Tetracontane (C40)	21.039	1584816	19.867 ug/ml

(f)=RT Delta > 1/2 Window

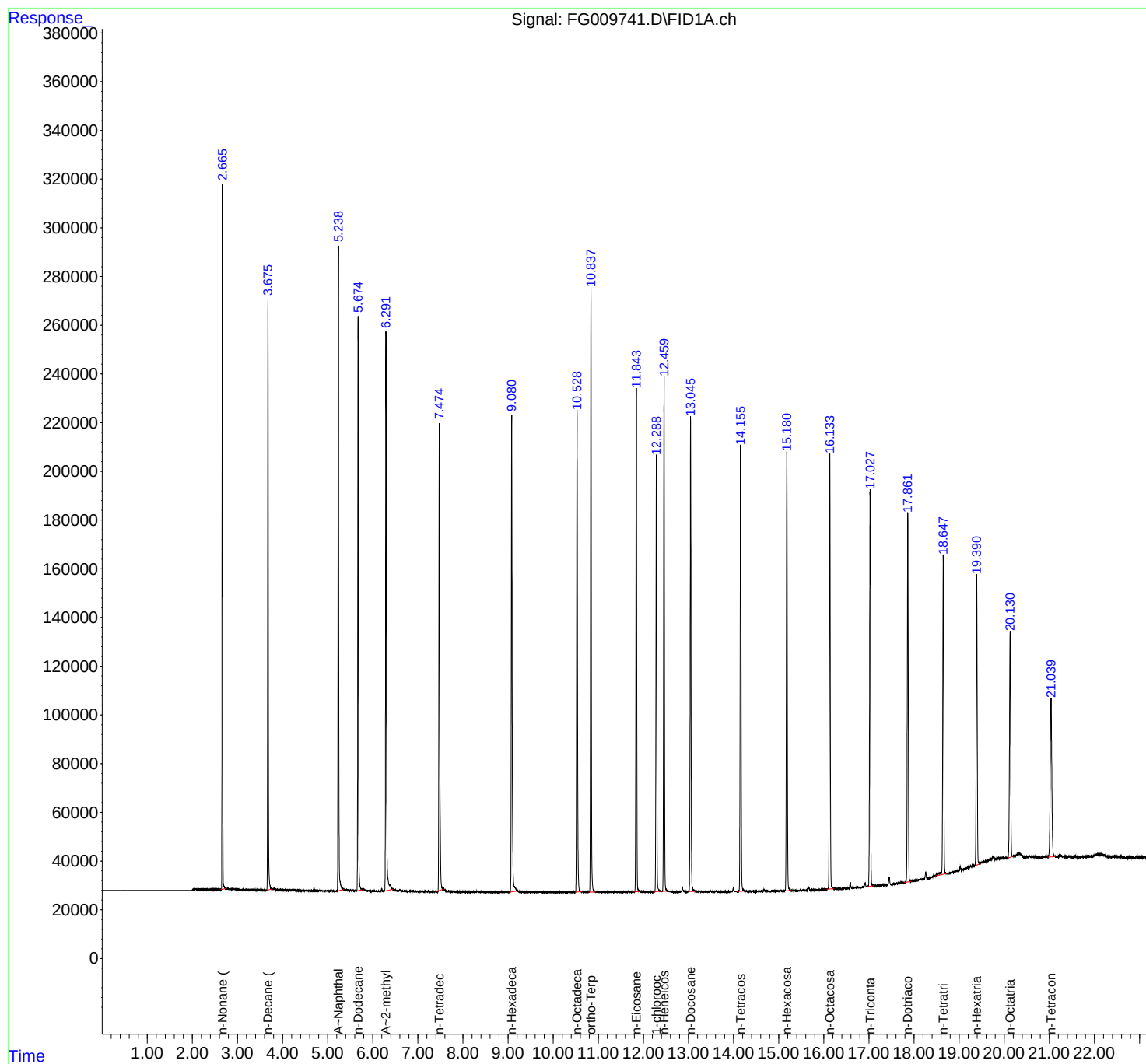
(m)=manual int.

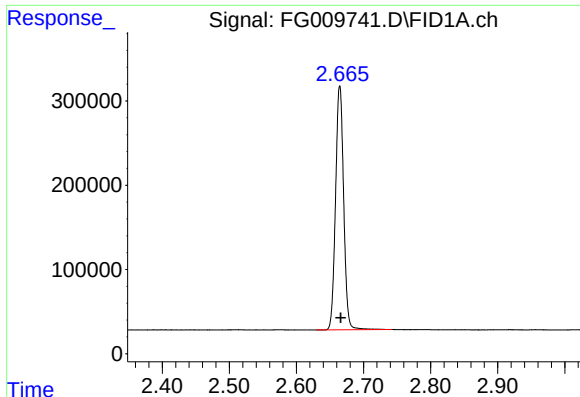
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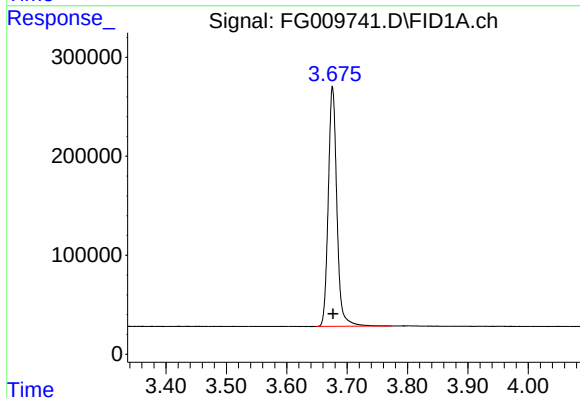




#1 n-Nonane (C9)

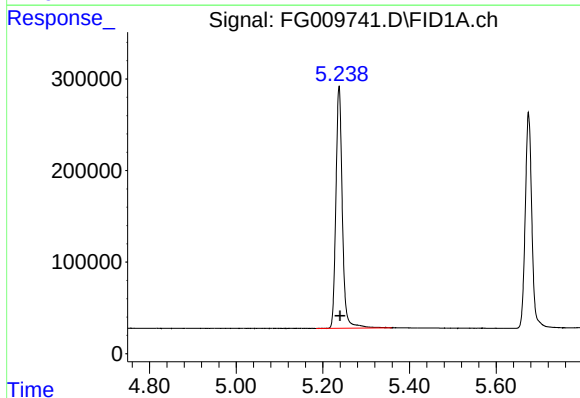
R.T.: 2.665 min
Delta R.T.: -0.001 min
Response: 2431478
Conc: 19.16 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



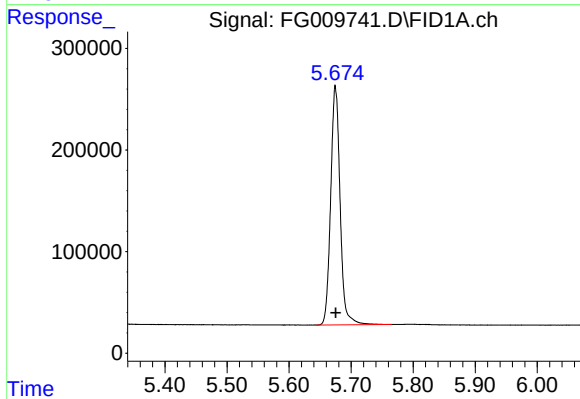
#2 n-Decane (C10)

R.T.: 3.676 min
Delta R.T.: -0.001 min
Response: 2399991
Conc: 19.42 ug/ml



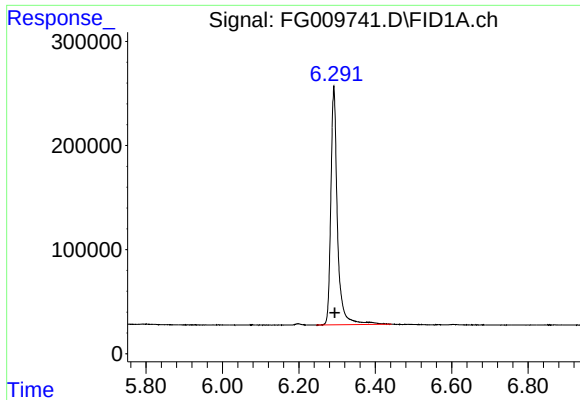
#3 A~Naphthalene (C11.7)

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 2730167
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

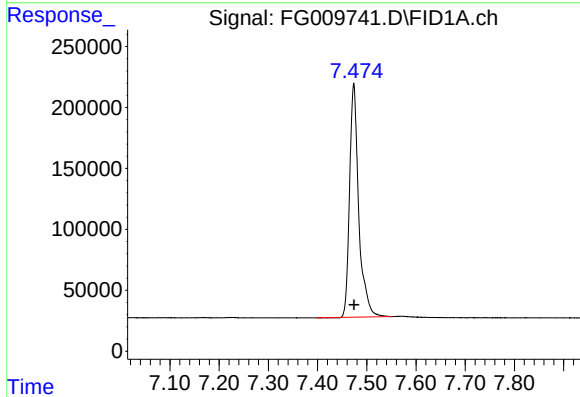
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 2483986
Conc: 19.45 ug/ml



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

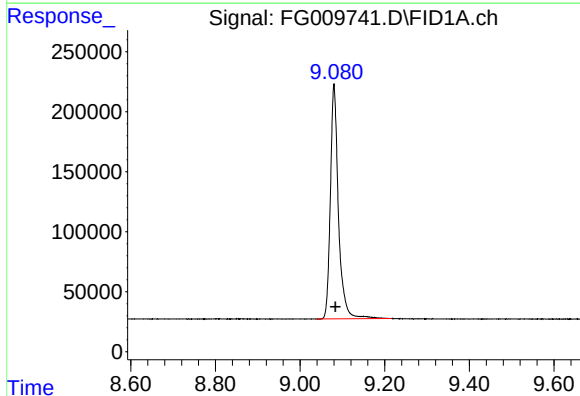
R.T.: 6.292 min
Delta R.T.: -0.002 min
Response: 2758304
Conc: 20.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



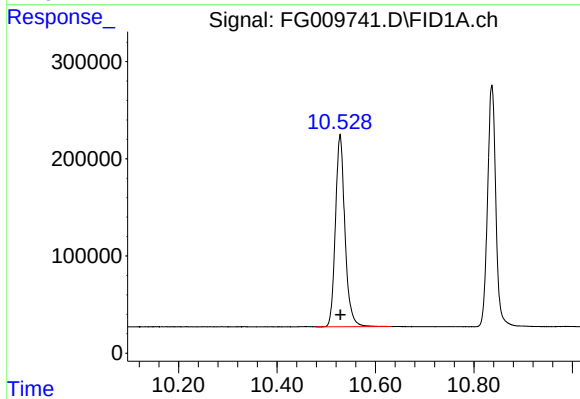
#6 n-Tetradecane (C14)

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 2479265
Conc: 19.39 ug/ml



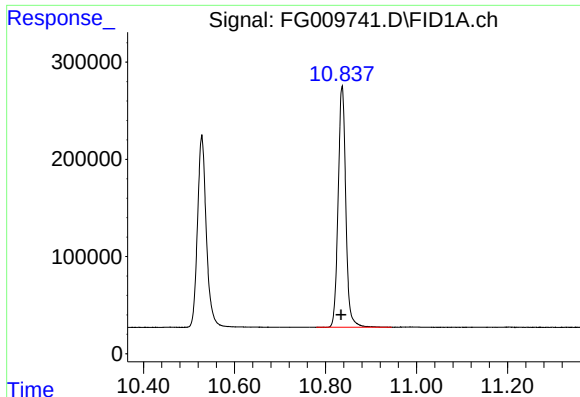
#7 n-Hexadecane (C16)

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 2592177
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

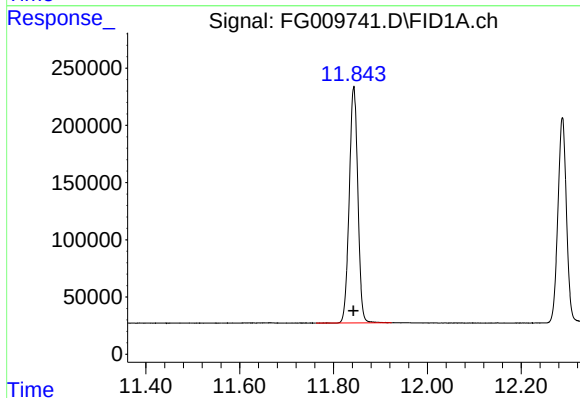
R.T.: 10.528 min
Delta R.T.: 0.000 min
Response: 2646566
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

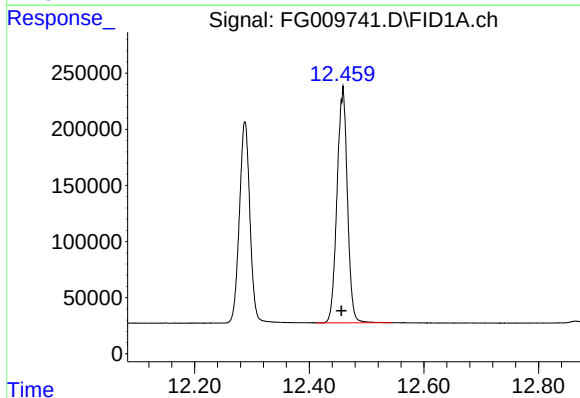
R.T.: 10.837 min
Delta R.T.: 0.003 min
Response: 2898612
Conc: 18.91 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



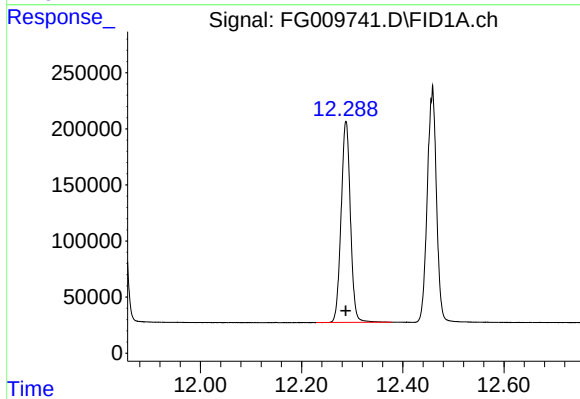
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: 0.000 min
Response: 2627341
Conc: 18.87 ug/ml



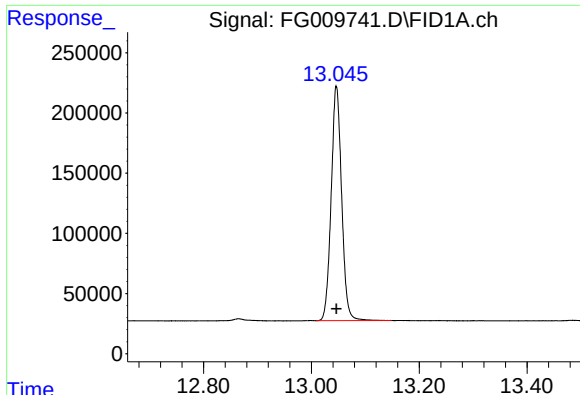
#11 n-Heneicosane (C21)

R.T.: 12.459 min
Delta R.T.: 0.003 min
Response: 2630833
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

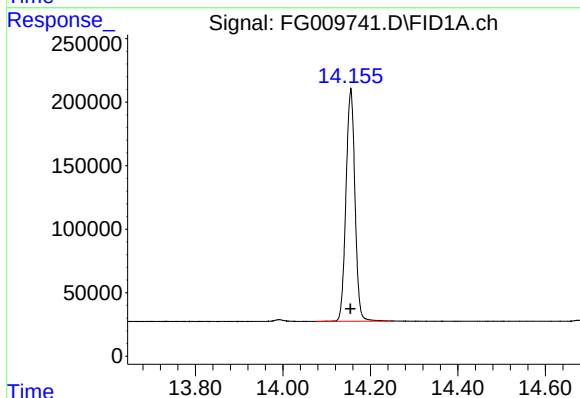
R.T.: 12.288 min
Delta R.T.: 0.000 min
Response: 2283132
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

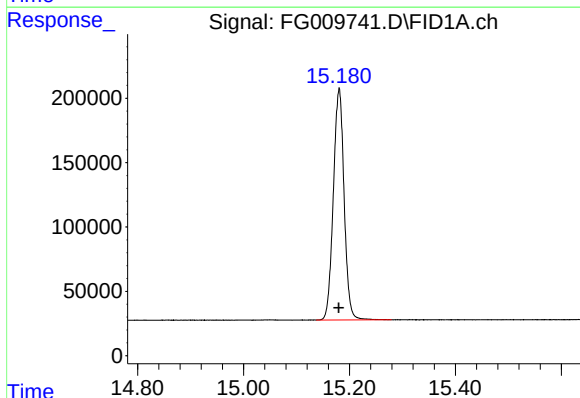
R.T.: 13.046 min
Delta R.T.: 0.000 min
Response: 2626322
Conc: 18.58 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



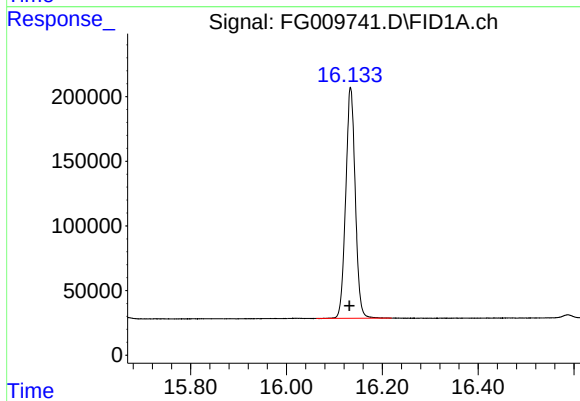
#14 n-Tetracosane (C24)

R.T.: 14.156 min
Delta R.T.: 0.001 min
Response: 2602148
Conc: 18.26 ug/ml



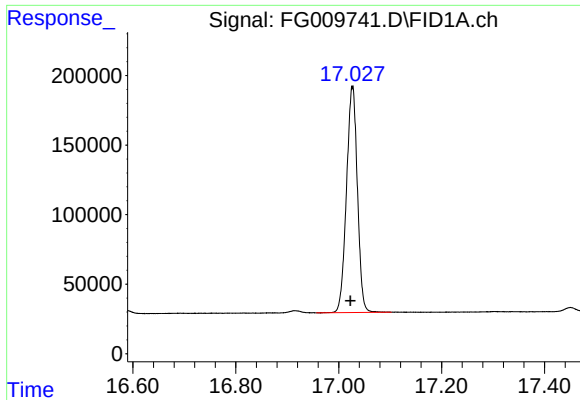
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 2539899
Conc: 17.82 ug/ml



#16 n-Octacosane (C28)

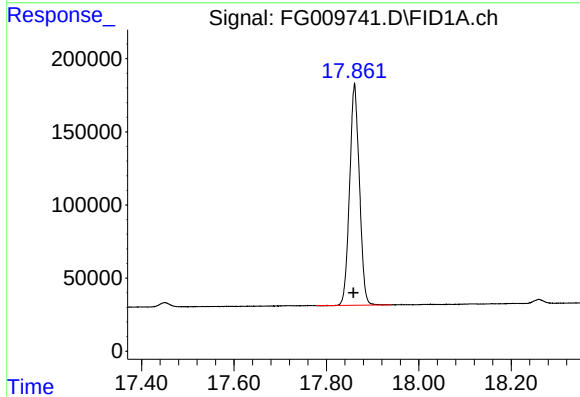
R.T.: 16.133 min
Delta R.T.: 0.002 min
Response: 2474853
Conc: 17.41 ug/ml



#17 n-Tricontane (C30)

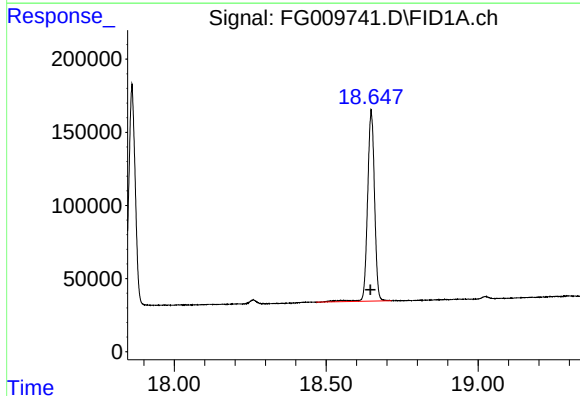
R.T.: 17.027 min
Delta R.T.: 0.004 min
Response: 2390023
Conc: 17.08 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



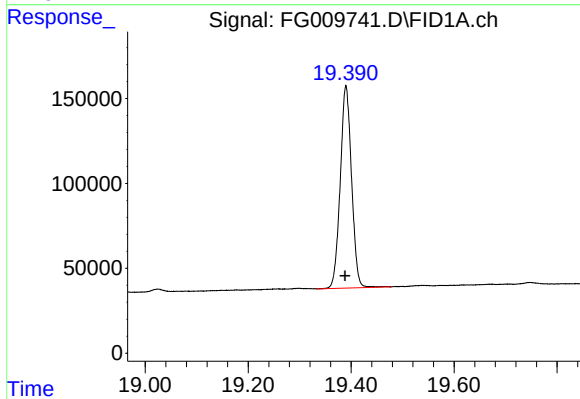
#18 n-Dotriacontane (C32)

R.T.: 17.861 min
Delta R.T.: 0.003 min
Response: 2226773
Conc: 16.91 ug/ml



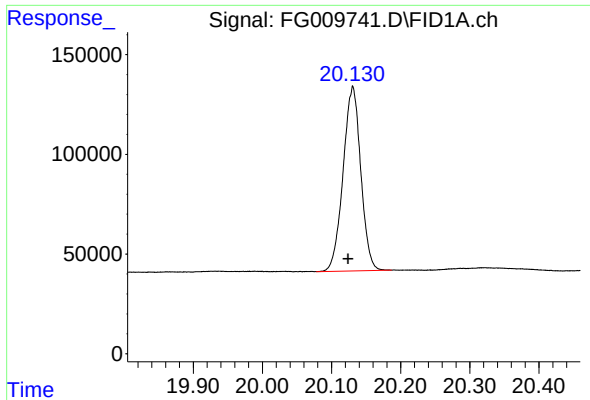
#19 n-Tetratriacontane (C34)

R.T.: 18.648 min
Delta R.T.: 0.003 min
Response: 2084638
Conc: 17.77 ug/ml



#20 n-Hexatriacontane (C36)

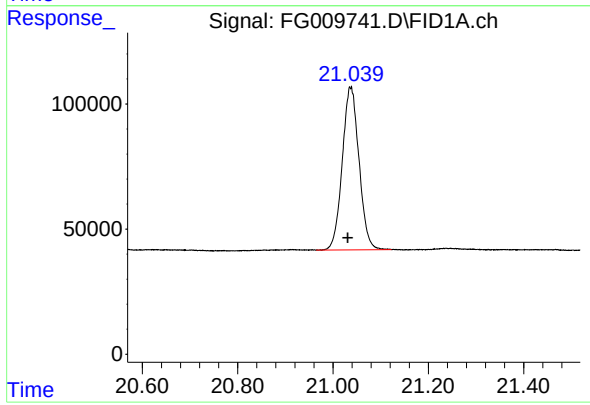
R.T.: 19.390 min
Delta R.T.: 0.002 min
Response: 1817056
Conc: 18.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.131 min
Delta R.T.: 0.007 min
Response: 1642318
Conc: 18.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.039 min
Delta R.T.: 0.007 min
Response: 1584816
Conc: 19.87 ug/ml