

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009708.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 12:53
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: sample.E
 Quant Time: May 03 13:57:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:57:03 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)	10.834	1670485	11.390 ug/ml
Spiked Amount 50.000		Recovery =	22.78%
12) S 1-chlorooctadecane (S...	12.286	1327261	11.289 ug/ml
Spiked Amount 50.000		Recovery =	22.58%
Target Compounds			
1) T n-Nonane (C9)	2.665	1367150	11.170 ug/ml
2) T n-Decane (C10)	3.676	1315970	10.900 ug/ml
3) T A~Naphthalene (C11.7)	5.238	1502722	11.046 ug/ml
4) T n-Dodecane (C12)	5.675	1376560	11.032 ug/ml
5) T A~2-methylnaphthalene...	6.291	1448621	10.617 ug/ml
6) T n-Tetradecane (C14)	7.473	1348795	10.688 ug/ml
7) T n-Hexadecane (C16)	9.082	1461050	11.312 ug/ml
8) T n-Octadecane (C18)	10.527	1498207	11.228 ug/ml
10) T n-Eicosane (C20)	11.841	1509401	11.275 ug/ml
11) T n-Heneicosane (C21)	12.456	1530240	11.316 ug/ml
13) T n-Docosane (C22)	13.045	1541411	11.362 ug/ml
14) T n-Tetracosane (C24)	14.154	1555815	11.409 ug/ml
15) T n-Hexacosane (C26)	15.179	1562699	11.514 ug/ml
16) T n-Octacosane (C28)	16.132	1564829	11.637 ug/ml
17) T n-Tricontane (C30)	17.022	1554435	11.860 ug/ml
18) T n-Dotriacontane (C32)	17.857	1470350	12.047 ug/ml
19) T n-Tetratriacontane (C34)	18.645	1322551	12.066 ug/ml
20) T n-Hexatriacontane (C36)	19.387	1148893	12.127 ug/ml
21) T n-Octatriacontane (C38)	20.124	997836	12.195 ug/ml
22) T n-Tetracontane (C40)	21.031	928229	12.375 ug/ml

(f)=RT Delta > 1/2 Window

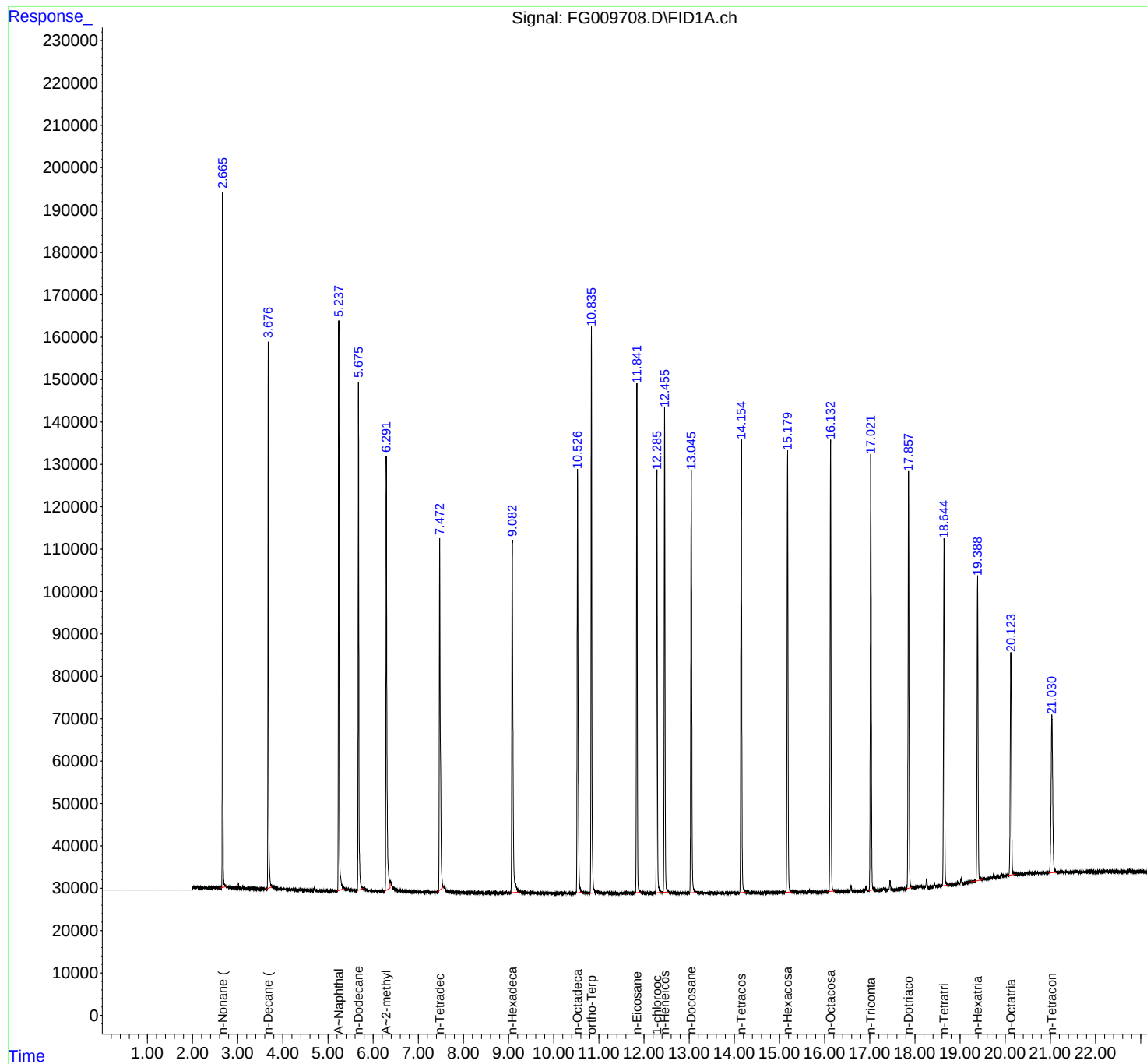
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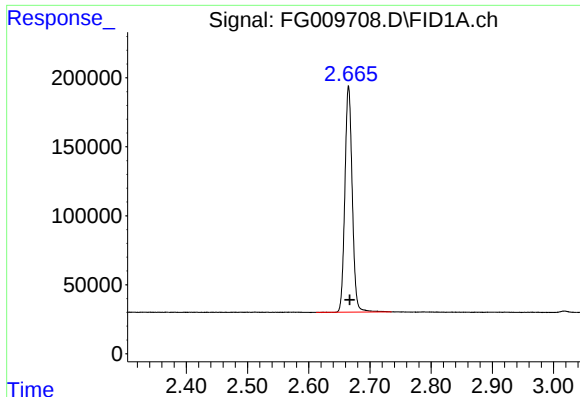
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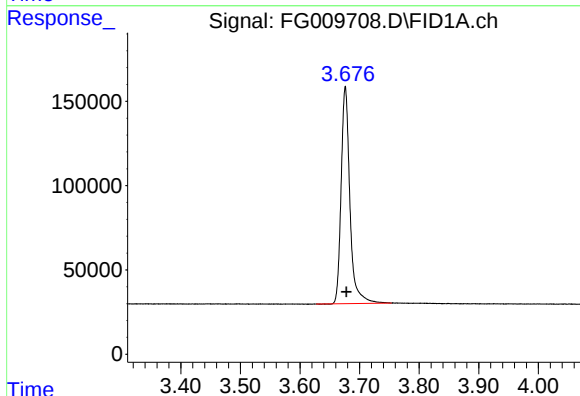




#1 n-Nonane (C9)

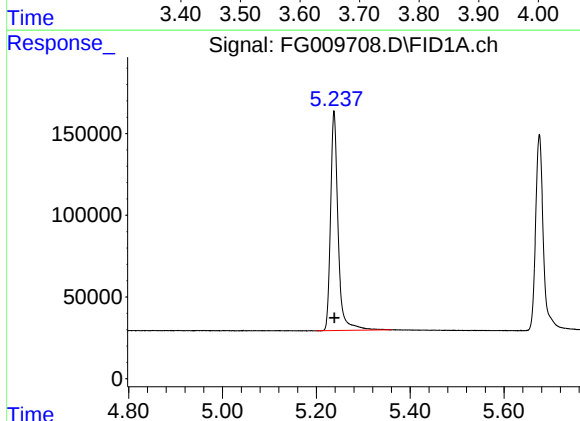
R.T.: 2.665 min
Delta R.T.: -0.002 min
Response: 1367150
Conc: 11.17 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



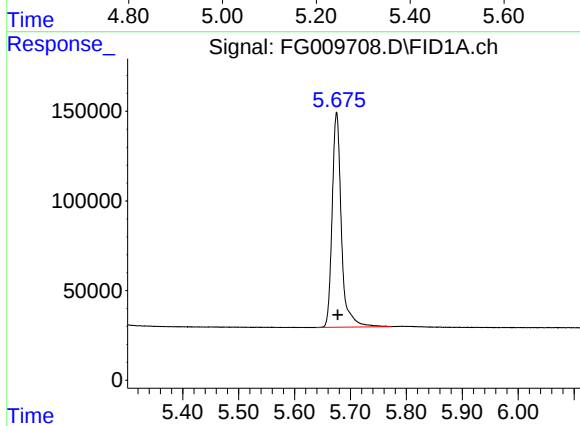
#2 n-Decane (C10)

R.T.: 3.676 min
Delta R.T.: -0.002 min
Response: 1315970
Conc: 10.90 ug/ml



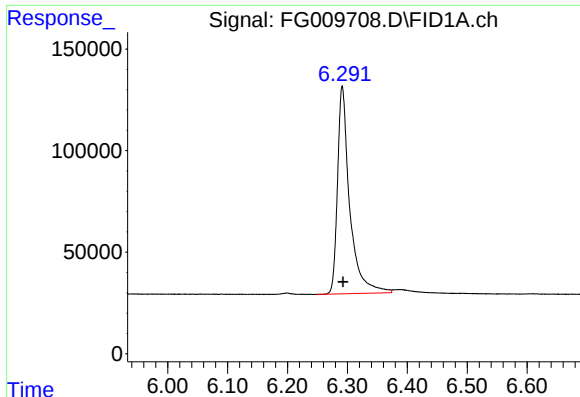
#3 A~Naphthalene (C11.7)

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1502722
Conc: 11.05 ug/ml



#4 n-Dodecane (C12)

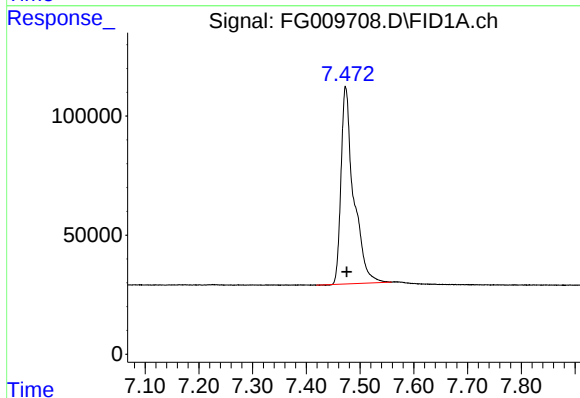
R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 1376560
Conc: 11.03 ug/ml



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

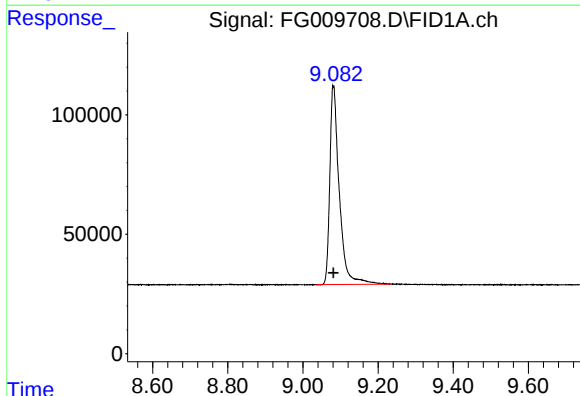
R.T.: 6.291 min
Delta R.T.: -0.001 min
Response: 1448621
Conc: 10.62 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



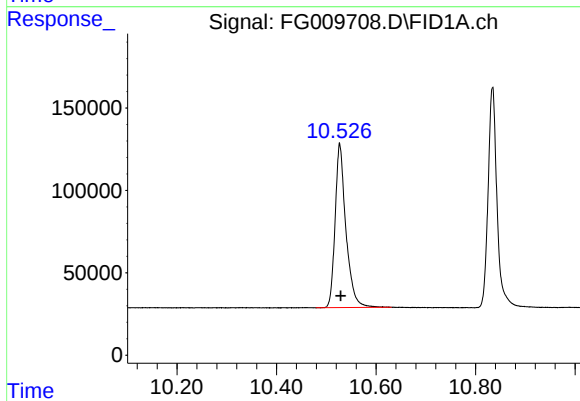
#6 n-Tetradecane (C14)

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 1348795
Conc: 10.69 ug/ml



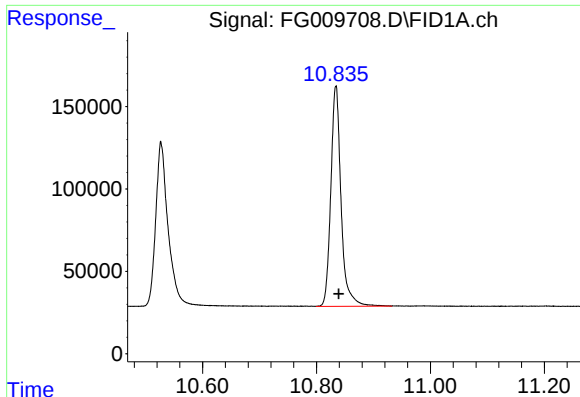
#7 n-Hexadecane (C16)

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 1461050
Conc: 11.31 ug/ml



#8 n-Octadecane (C18)

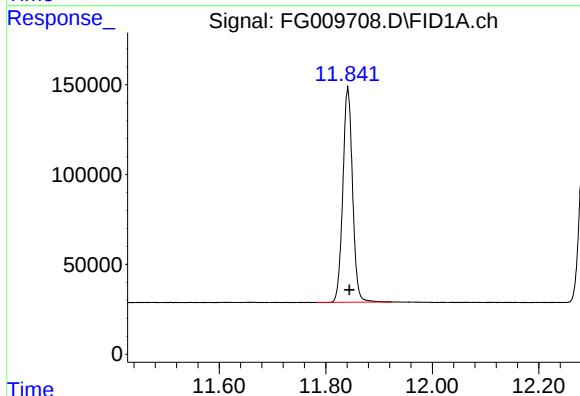
R.T.: 10.527 min
Delta R.T.: -0.002 min
Response: 1498207
Conc: 11.23 ug/ml



#9 ortho-Terphenyl (SURR)

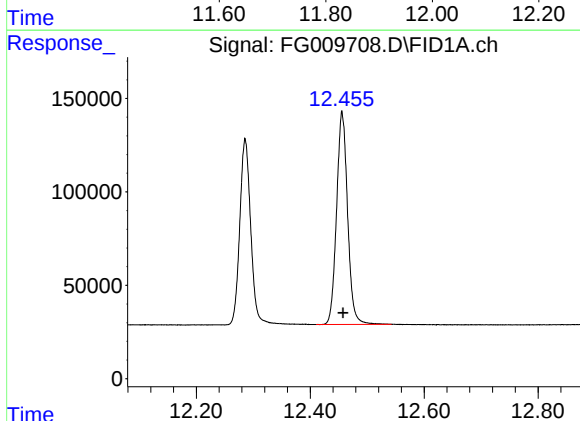
R.T.: 10.834 min
Delta R.T.: -0.005 min
Response: 1670485
Conc: 11.39 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



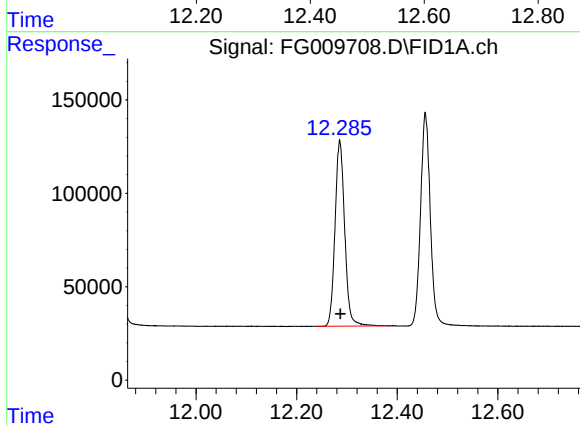
#10 n-Eicosane (C20)

R.T.: 11.841 min
Delta R.T.: -0.003 min
Response: 1509401
Conc: 11.28 ug/ml



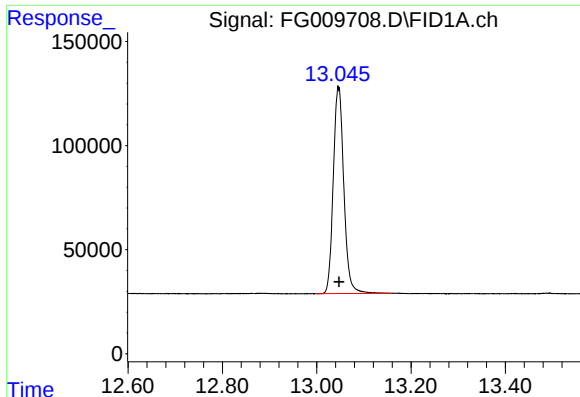
#11 n-Heneicosane (C21)

R.T.: 12.456 min
Delta R.T.: -0.002 min
Response: 1530240
Conc: 11.32 ug/ml



#12 1-chlorooctadecane (SURR)

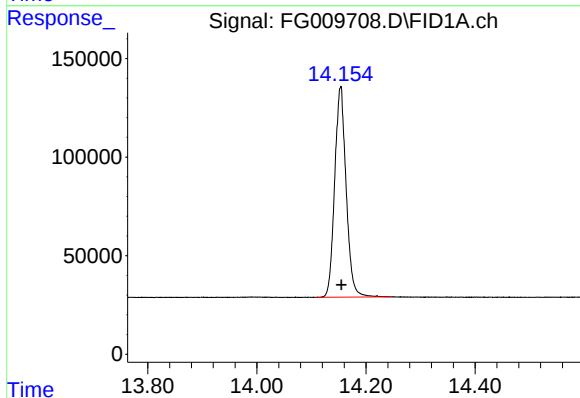
R.T.: 12.286 min
Delta R.T.: -0.001 min
Response: 1327261
Conc: 11.29 ug/ml



#13 n-Docosane (C22)

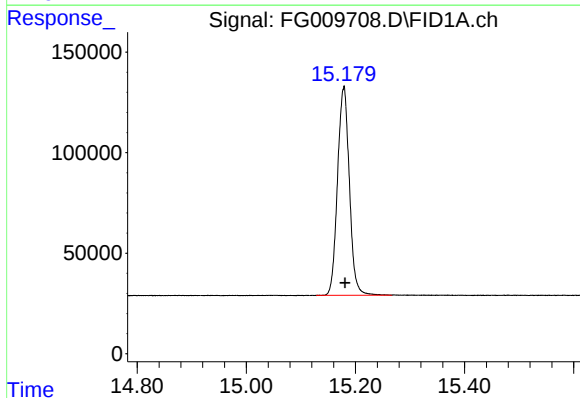
R.T.: 13.045 min
Delta R.T.: -0.002 min
Response: 1541411
Conc: 11.36 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



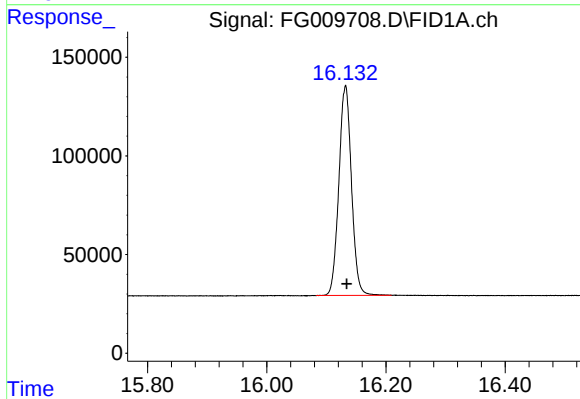
#14 n-Tetracosane (C24)

R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 1555815
Conc: 11.41 ug/ml



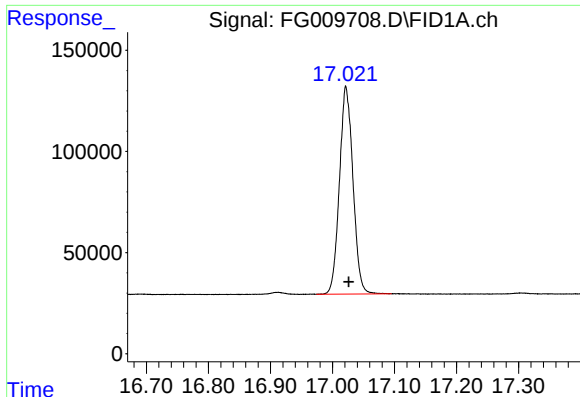
#15 n-Hexacosane (C26)

R.T.: 15.179 min
Delta R.T.: -0.002 min
Response: 1562699
Conc: 11.51 ug/ml



#16 n-Octacosane (C28)

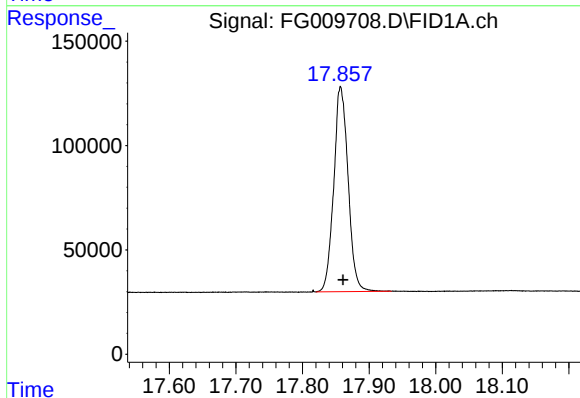
R.T.: 16.132 min
Delta R.T.: -0.002 min
Response: 1564829
Conc: 11.64 ug/ml



#17 n-Tricontane (C30)

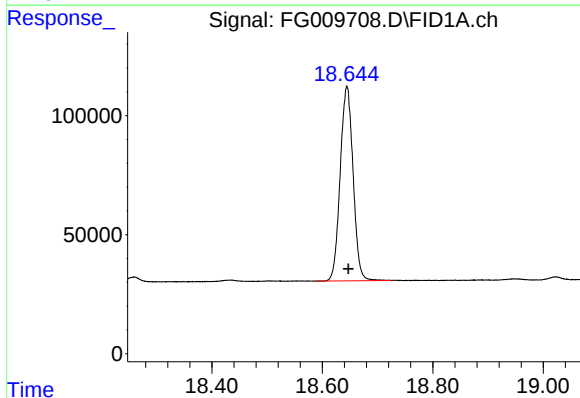
R.T.: 17.022 min
Delta R.T.: -0.004 min
Response: 1554435
Conc: 11.86 ug/ml

Instrument :
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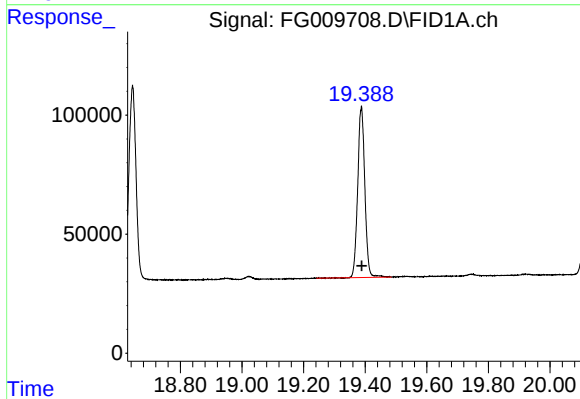
#18 n-Dotriacontane (C32)

R.T.: 17.857 min
Delta R.T.: -0.004 min
Response: 1470350
Conc: 12.05 ug/ml



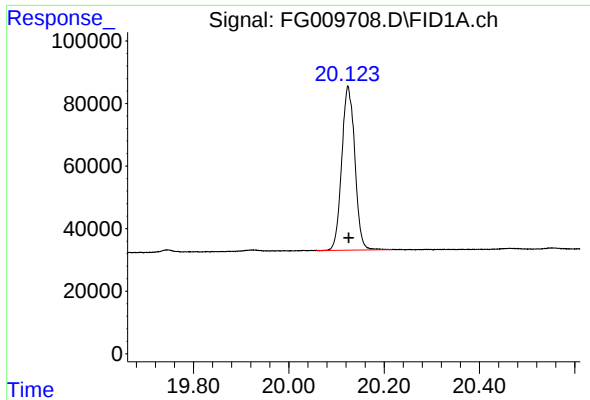
#19 n-Tetratriacontane (C34)

R.T.: 18.645 min
Delta R.T.: -0.002 min
Response: 1322551
Conc: 12.07 ug/ml



#20 n-Hexatriacontane (C36)

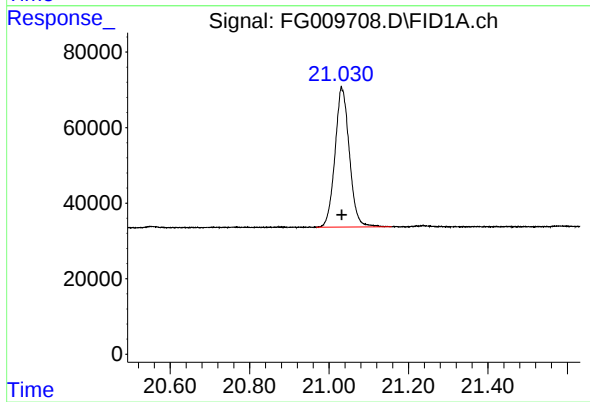
R.T.: 19.387 min
Delta R.T.: -0.001 min
Response: 1148893
Conc: 12.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.124 min
Delta R.T.: -0.001 min
Response: 997836
Conc: 12.19 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: 0.000 min
Response: 928229
Conc: 12.37 ug/ml