

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
 Data File : FG013278.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 11:09
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 12 11:25:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 11:25:23 2023
 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)	11.976	556697	4.474 ug/ml
Spiked Amount 50.000		Recovery =	8.95%
12) S 1-chlorooctadecane (S...	13.416	394824	4.394 ug/ml
Spiked Amount 50.000		Recovery =	8.79%
Target Compounds			
1) T n-Nonane (C9)	3.331	473718	4.558 ug/ml
2) T n-Decane (C10)	4.586	474396	4.538 ug/ml
3) T A~Naphthalene (C11.7)	6.301	492027	4.417 ug/ml
4) T n-Dodecane (C12)	6.760	470527	4.509 ug/ml
5) T A~2-methylnaphthalene...	7.400	453412	4.228 ug/ml
6) T n-Tetradecane (C14)	8.594	451008	4.422 ug/ml
7) T n-Hexadecane (C16)	10.207	466916	4.487 ug/ml
8) T n-Octadecane (C18)	11.655	480377	4.540 ug/ml
10) T n-Eicosane (C20)	12.969	471825	4.570 ug/ml
11) T n-Heneicosane (C21)	13.583	458883	4.507 ug/ml
13) T n-Docosane (C22)	14.171	476463	4.672 ug/ml
14) T n-Tetracosane (C24)	15.277	569772	5.348 ug/ml
15) T n-Hexacosane (C26)	16.300	524693	5.122 ug/ml
16) T n-Octacosane (C28)	17.251	547714	5.357 ug/ml
17) T n-Tricontane (C30)	18.140	587375	5.587 ug/ml
18) T n-Dotriacontane (C32)	18.975	588662	5.594 ug/ml
19) T n-Tetratriacontane (C34)	19.759	519953	5.149 ug/ml
20) T n-Hexatriacontane (C36)	20.499	517714	5.188 ug/ml
21) T n-Octatriacontane (C38)	21.253	518166	5.336 ug/ml
22) T n-Tetracontane (C40)	22.202	547974	5.854 ug/ml

(f)=RT Delta > 1/2 Window

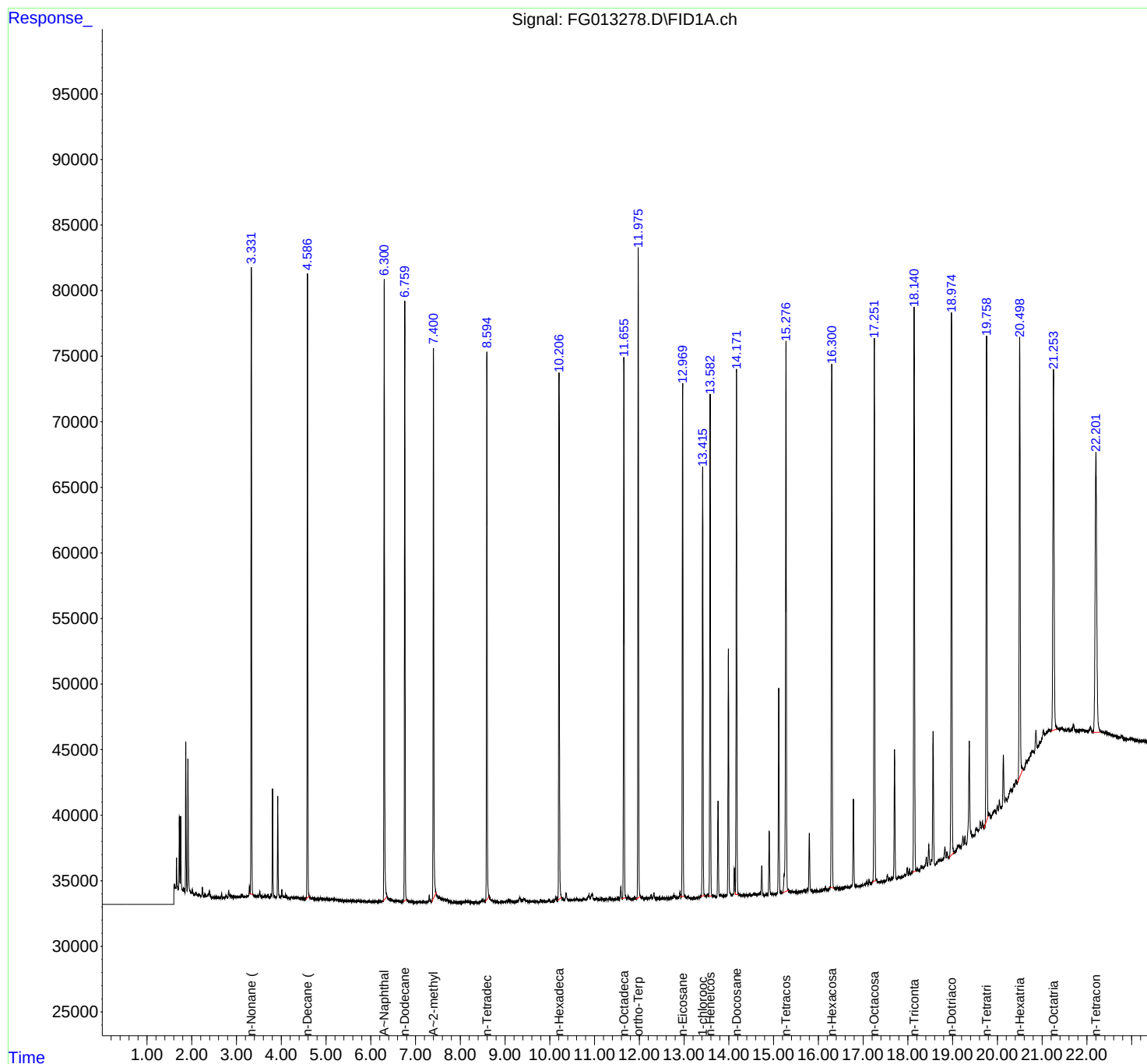
(m)=manual int.

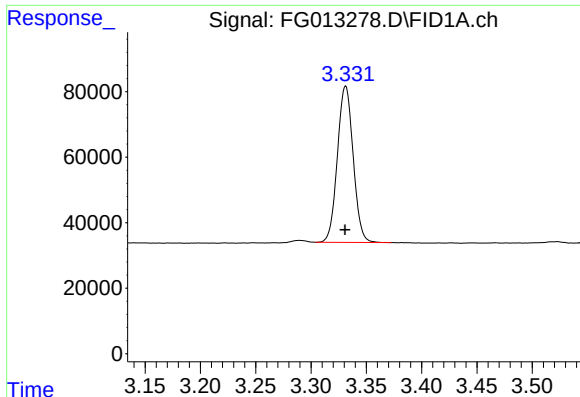
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
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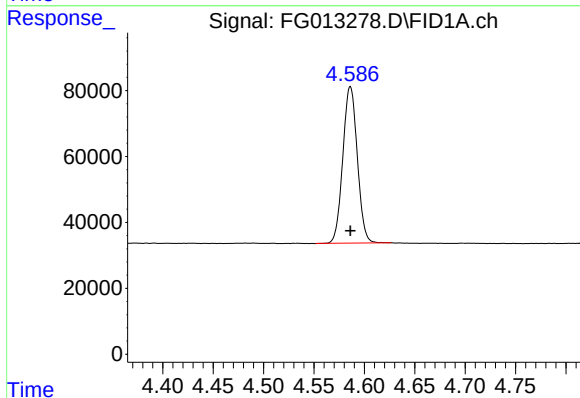




#1 n-Nonane (C9)

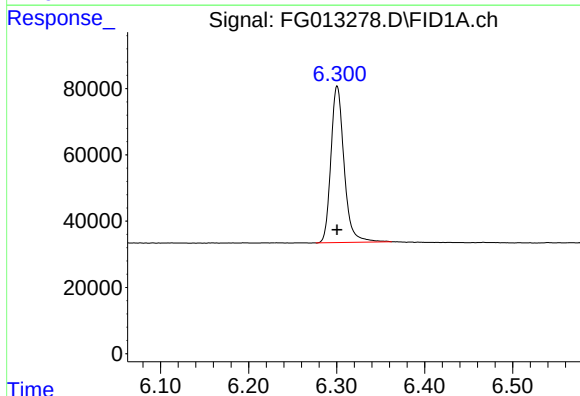
R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 473718
Conc: 4.56 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



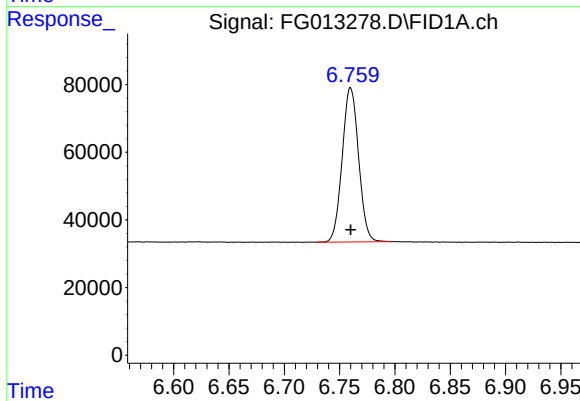
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 474396
Conc: 4.54 ug/ml



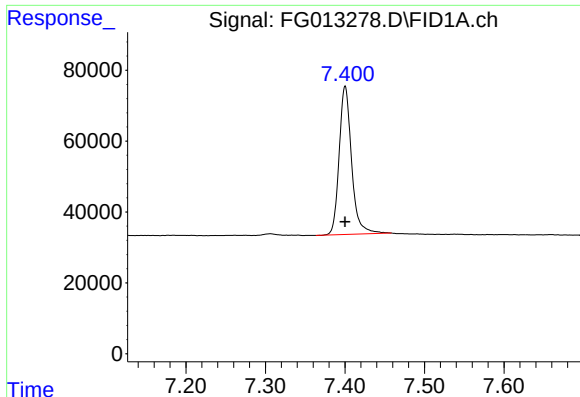
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 492027
Conc: 4.42 ug/ml



#4 n-Dodecane (C12)

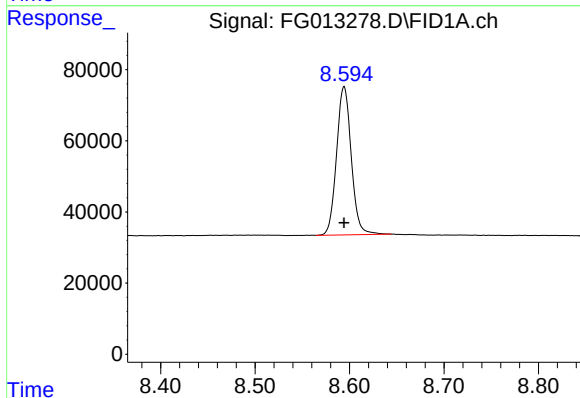
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 470527
Conc: 4.51 ug/ml



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

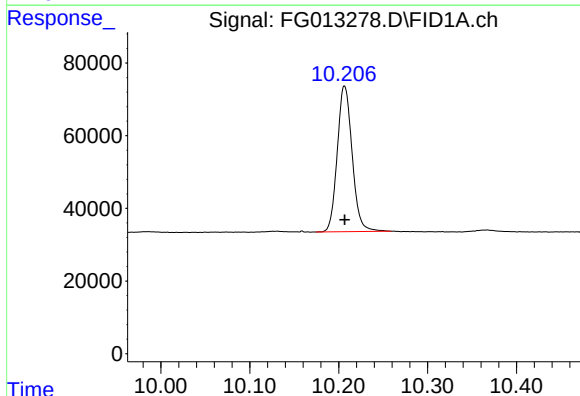
R.T.: 7.400 min
Delta R.T.: 0.000 min
Response: 453412
Conc: 4.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



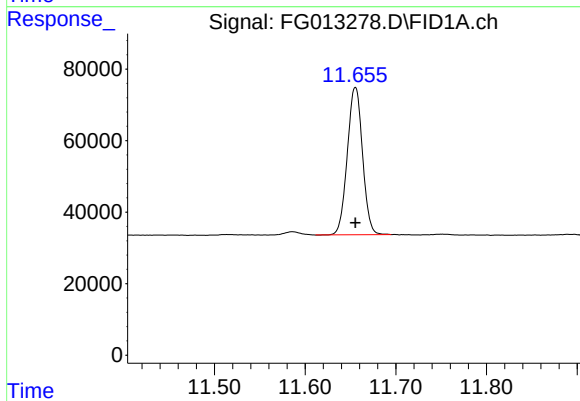
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 451008
Conc: 4.42 ug/ml



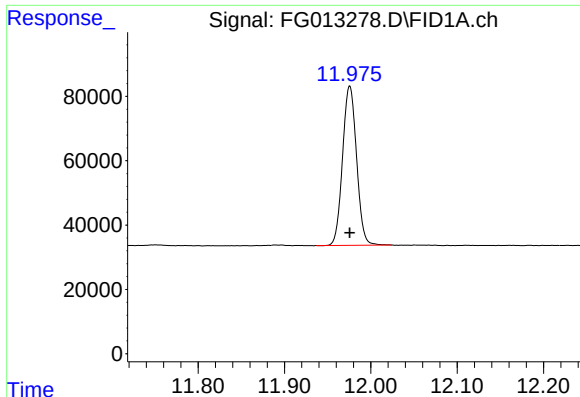
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 466916
Conc: 4.49 ug/ml



#8 n-Octadecane (C18)

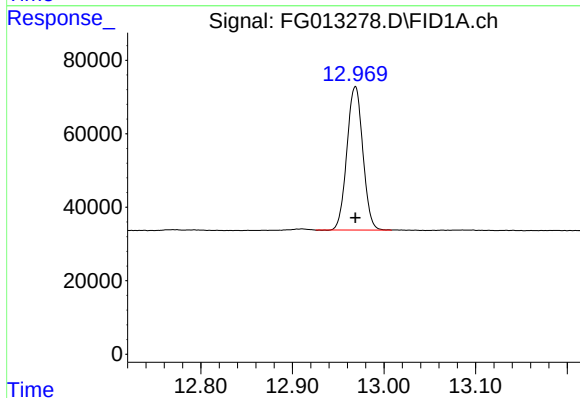
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 480377
Conc: 4.54 ug/ml



#9 ortho-Terphenyl (SURR)

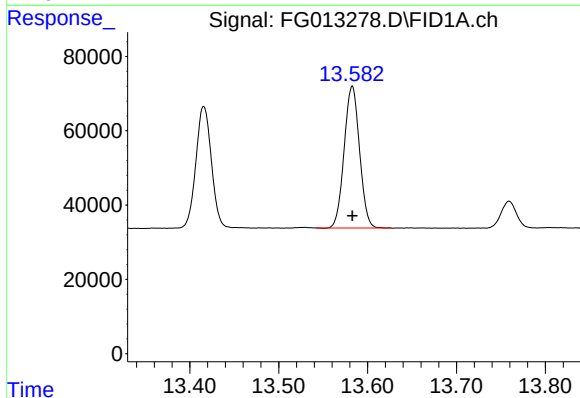
R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 556697
Conc: 4.47 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



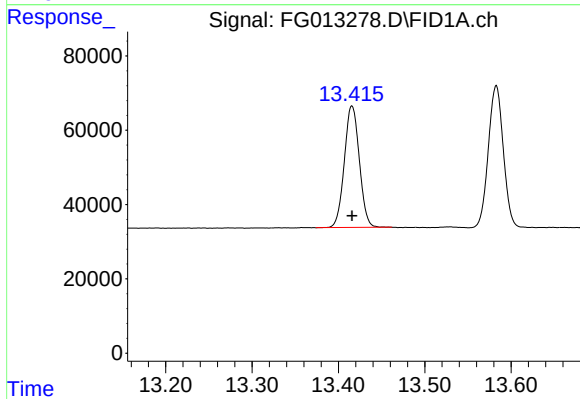
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 471825
Conc: 4.57 ug/ml



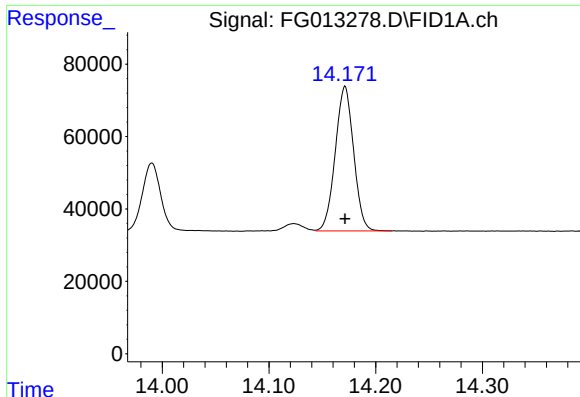
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 458883
Conc: 4.51 ug/ml



#12 1-chlorooctadecane (SURR)

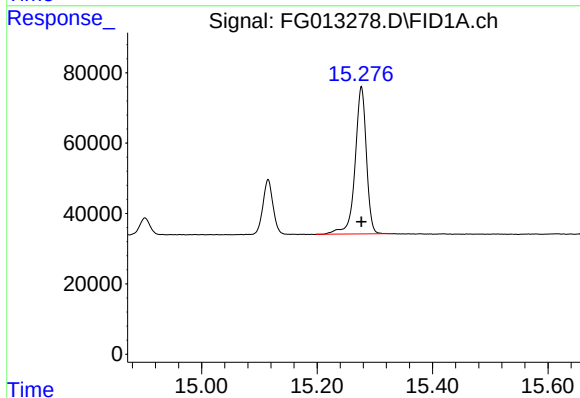
R.T.: 13.416 min
Delta R.T.: 0.000 min
Response: 394824
Conc: 4.39 ug/ml



#13 n-Docosane (C22)

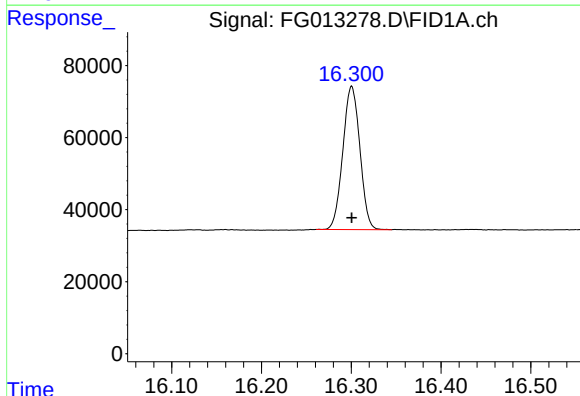
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 476463
Conc: 4.67 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



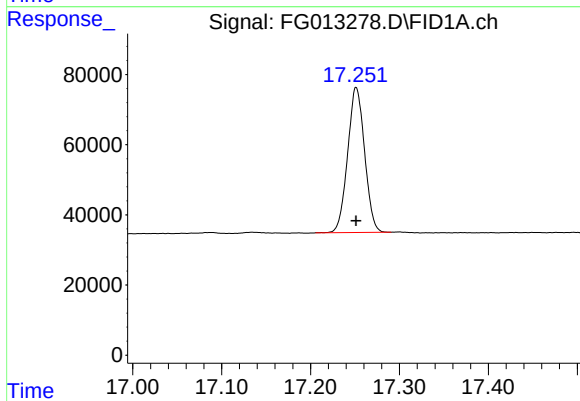
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 569772
Conc: 5.35 ug/ml



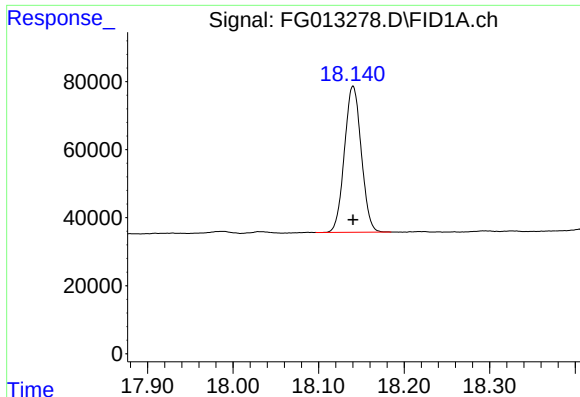
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.000 min
Response: 524693
Conc: 5.12 ug/ml



#16 n-Octacosane (C28)

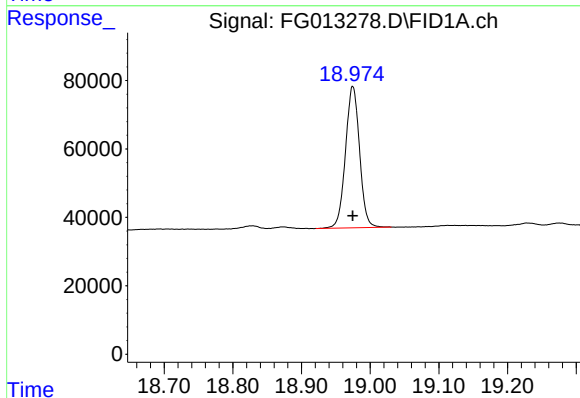
R.T.: 17.251 min
Delta R.T.: 0.000 min
Response: 547714
Conc: 5.36 ug/ml



#17 n-Tricontane (C30)

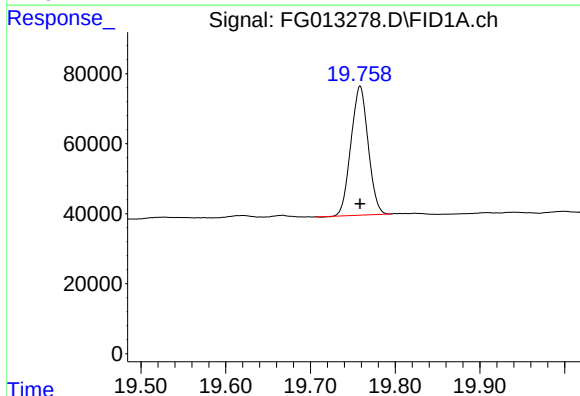
R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 587375
Conc: 5.59 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



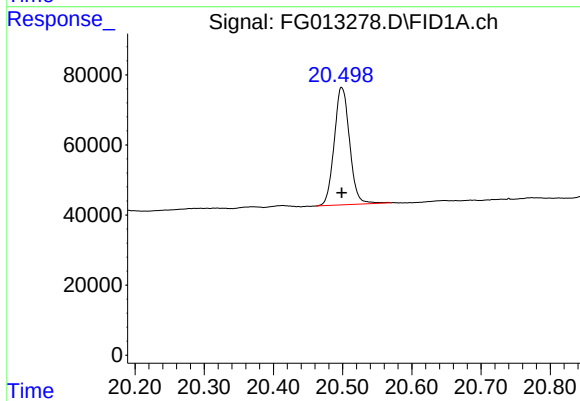
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: 0.000 min
Response: 588662
Conc: 5.59 ug/ml



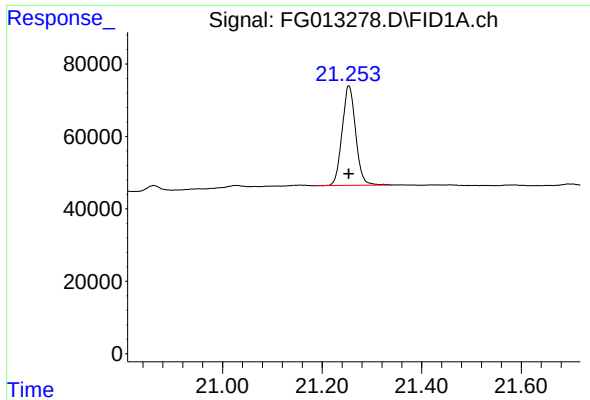
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.000 min
Response: 519953
Conc: 5.15 ug/ml



#20 n-Hexatriacontane (C36)

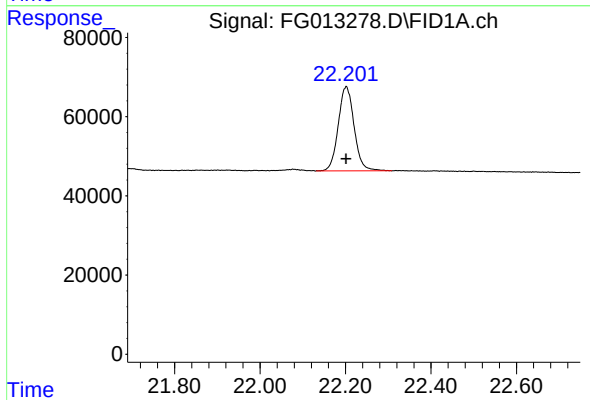
R.T.: 20.499 min
Delta R.T.: 0.000 min
Response: 517714
Conc: 5.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.253 min
Delta R.T.: 0.000 min
Response: 518166
Conc: 5.34 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: 0.000 min
Response: 547974
Conc: 5.85 ug/ml