

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066482.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 09:58
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 28 11:29:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 11:25:14 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)	11.567	7029359	46.008 ug/ml
Spiked Amount 50.000		Recovery =	92.02%
12) S 1-chlorooctadecane (S...	13.006	5313373	46.154 ug/ml
Spiked Amount 50.000		Recovery =	92.31%
Target Compounds			
1) T n-Nonane (C9)	3.314	6418116	45.688 ug/ml
2) T n-Decane (C10)	4.384	6556267	45.175 ug/ml
3) T A~Naphthalene (C11.7)	5.970	7291108	45.313 ug/ml
4) T n-Dodecane (C12)	6.407	6595959	45.493 ug/ml
5) T A~2-methylnaphthalene...	7.030	7060801	45.580 ug/ml
6) T n-Tetradecane (C14)	8.205	6494457	45.736 ug/ml
7) T n-Hexadecane (C16)	9.807	6624091	45.870 ug/ml
8) T n-Octadecane (C18)	11.251	6609506	45.982 ug/ml
10) T n-Eicosane (C20)	12.562	6300125	46.130 ug/ml
11) T n-Heneicosane (C21)	13.174	6171595	46.167 ug/ml
13) T n-Docosane (C22)	13.760	6113712	46.206 ug/ml
14) T n-Tetracosane (C24)	14.864	6041281	46.288 ug/ml
15) T n-Hexacosane (C26)	15.886	5905816	46.297 ug/ml
16) T n-Octacosane (C28)	16.836	5756649	46.269 ug/ml
17) T n-Tricontane (C30)	17.724	5781535	46.126 ug/ml
18) T n-Dotriacontane (C32)	18.558	5634650	46.034 ug/ml
19) T n-Tetratriacontane (C34)	19.341	5505818	46.066 ug/ml
20) T n-Hexatriacontane (C36)	20.082	5744729	47.964 ug/ml
21) T n-Octatriacontane (C38)	20.819	5375373	47.198 ug/ml
22) T n-Tetracontane (C40)	21.734	5629035	47.228 ug/ml

(f)=RT Delta > 1/2 Window

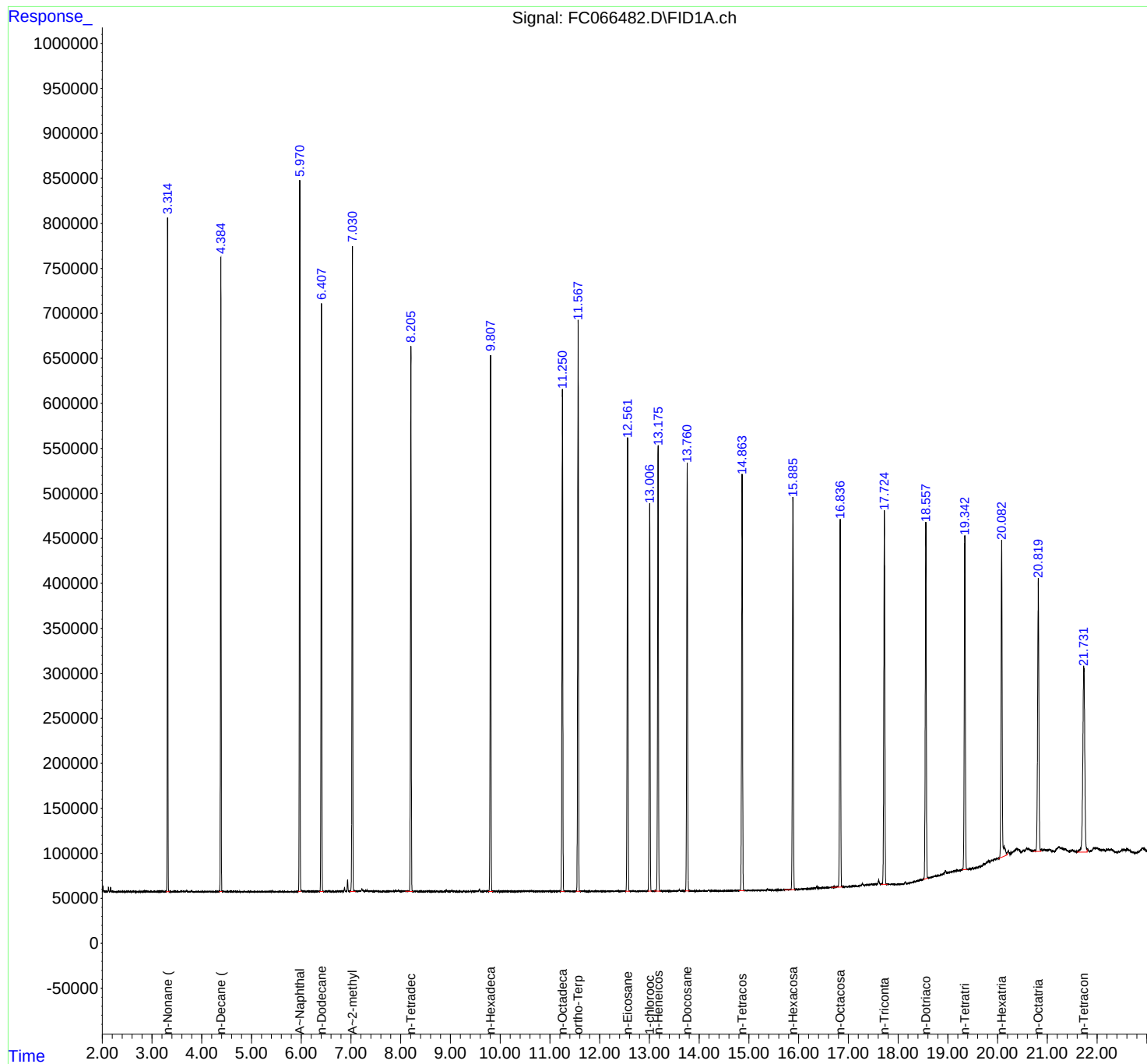
(m)=manual int.

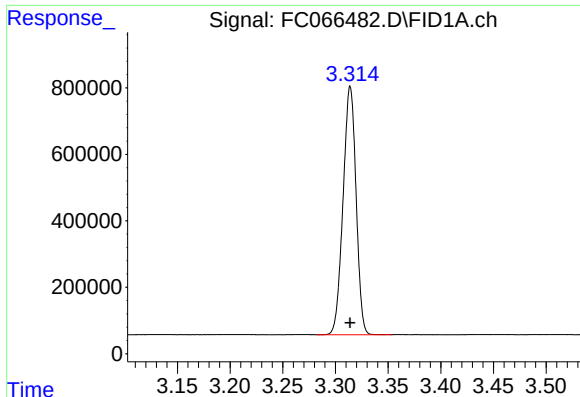
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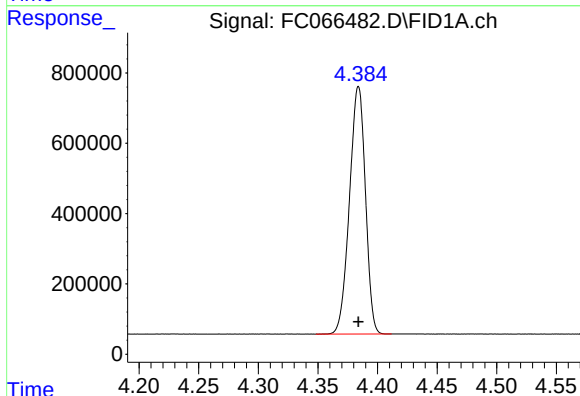




#1 n-Nonane (C9)

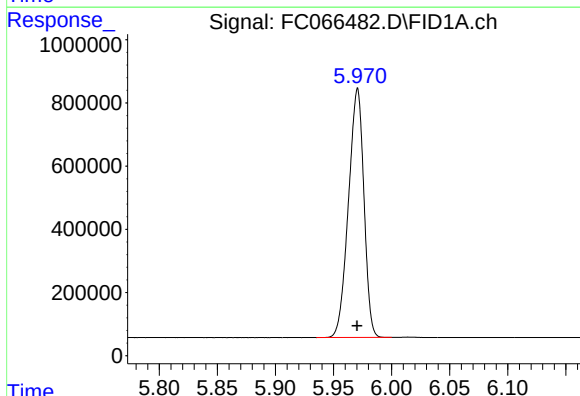
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 6418116
Conc: 45.69 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



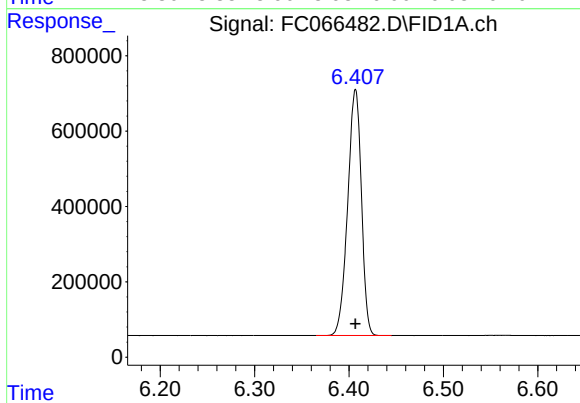
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.000 min
Response: 6556267
Conc: 45.18 ug/ml



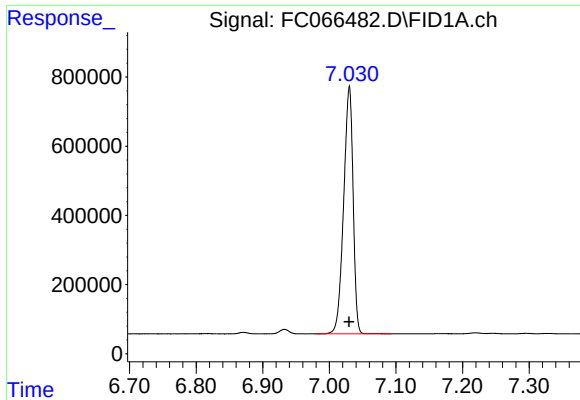
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 7291108
Conc: 45.31 ug/ml



#4 n-Dodecane (C12)

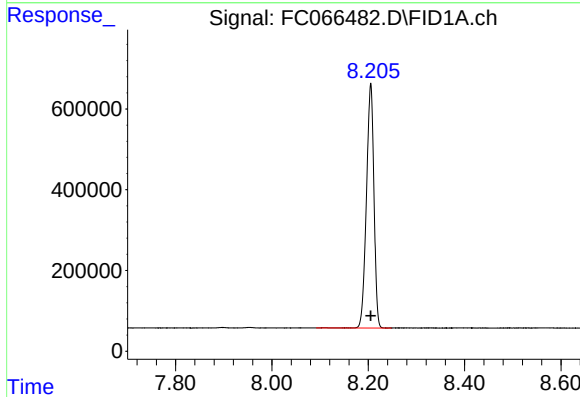
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 6595959
Conc: 45.49 ug/ml



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

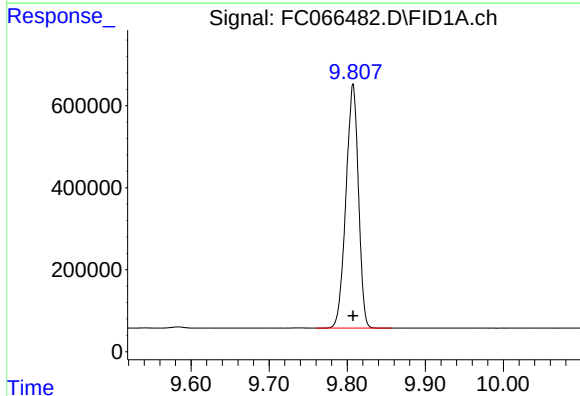
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 7060801
Conc: 45.58 ug/ml

Instrument :
FID_C
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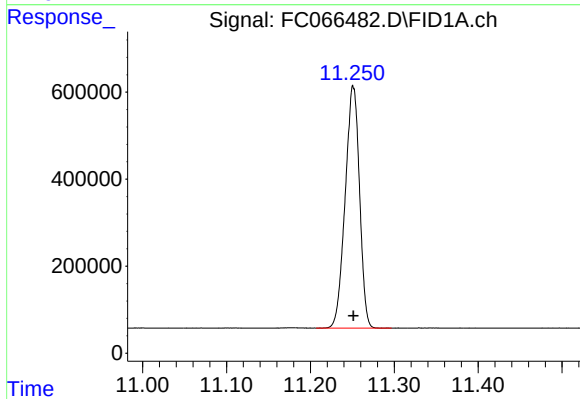
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 6494457
Conc: 45.74 ug/ml



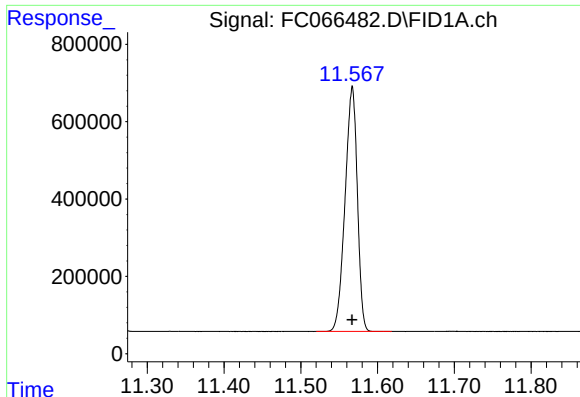
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: 0.000 min
Response: 6624091
Conc: 45.87 ug/ml



#8 n-Octadecane (C18)

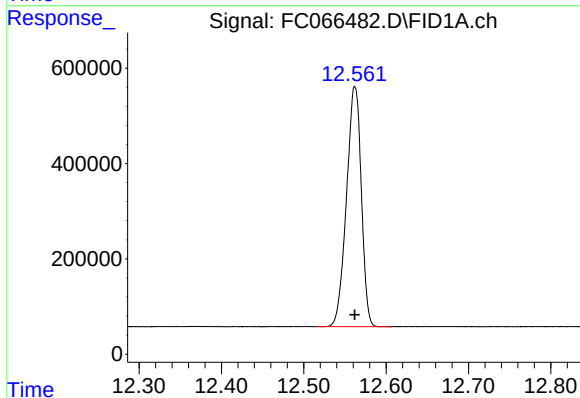
R.T.: 11.251 min
Delta R.T.: 0.000 min
Response: 6609506
Conc: 45.98 ug/ml



#9 ortho-Terphenyl (SURR)

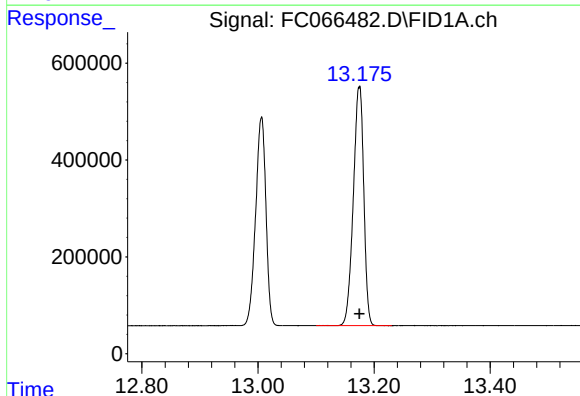
R.T.: 11.567 min
Delta R.T.: 0.000 min
Response: 7029359
Conc: 46.01 ug/ml

Instrument :
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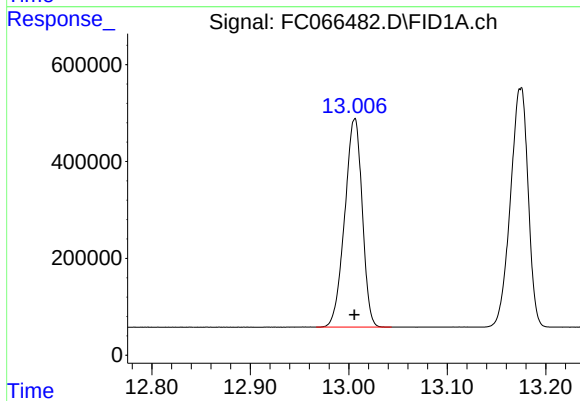
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 6300125
Conc: 46.13 ug/ml



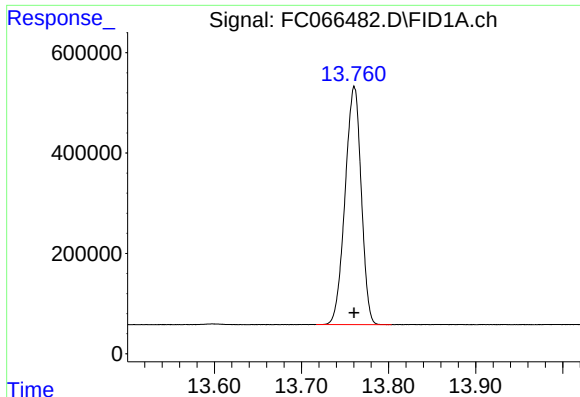
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.000 min
Response: 6171595
Conc: 46.17 ug/ml



#12 1-chlorooctadecane (SURR)

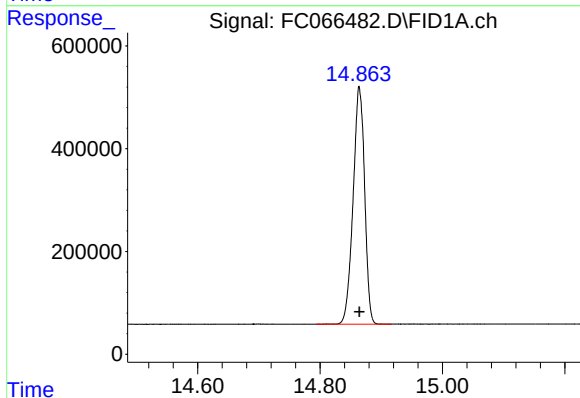
R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 5313373
Conc: 46.15 ug/ml



#13 n-Docosane (C22)

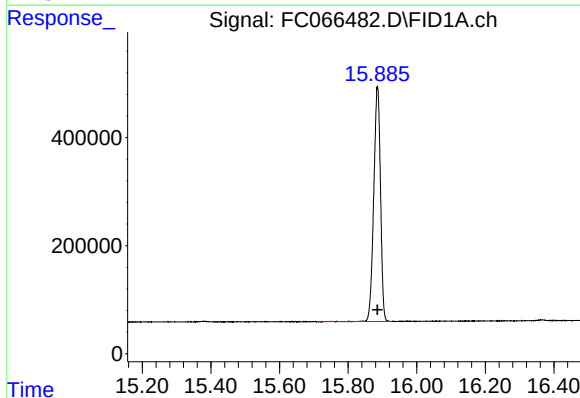
R.T.: 13.760 min
Delta R.T.: 0.000 min
Response: 6113712
Conc: 46.21 ug/ml

Instrument :
FID_C
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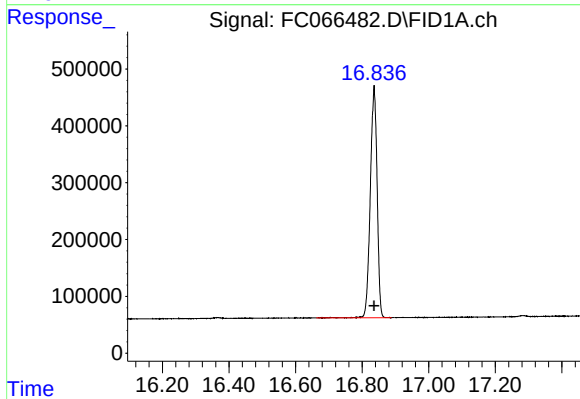
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: 0.000 min
Response: 6041281
Conc: 46.29 ug/ml



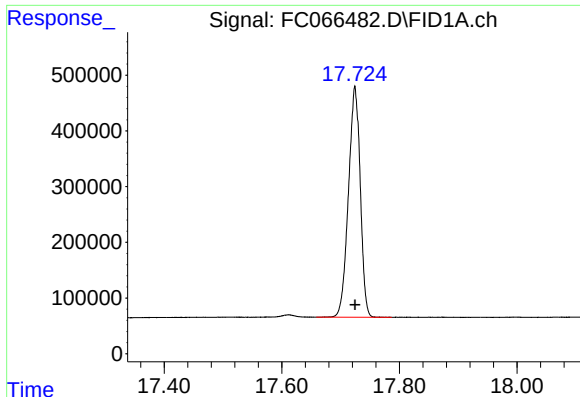
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.000 min
Response: 5905816
Conc: 46.30 ug/ml



#16 n-Octacosane (C28)

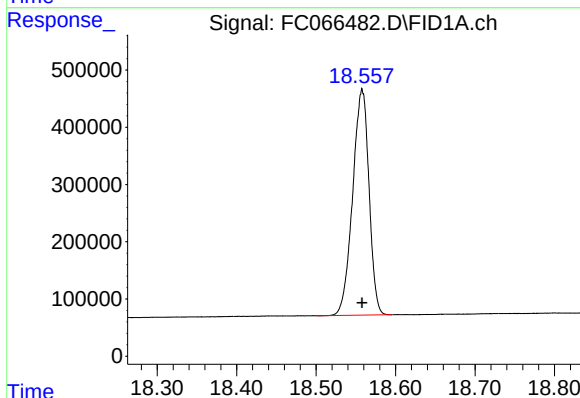
R.T.: 16.836 min
Delta R.T.: 0.000 min
Response: 5756649
Conc: 46.27 ug/ml



#17 n-Tricontane (C30)

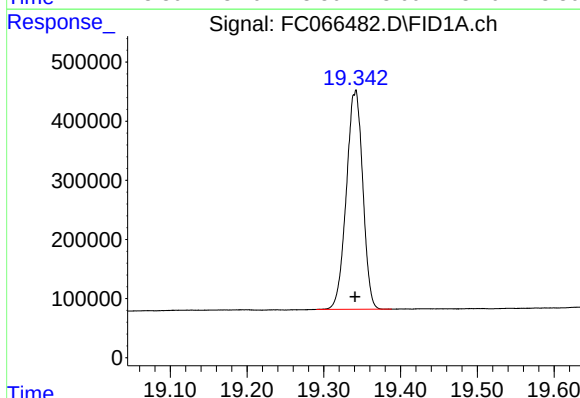
R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 5781535
Conc: 46.13 ug/ml

Instrument :
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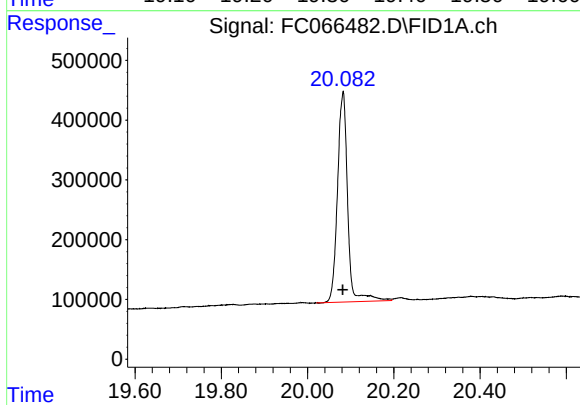
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.000 min
Response: 5634650
Conc: 46.03 ug/ml



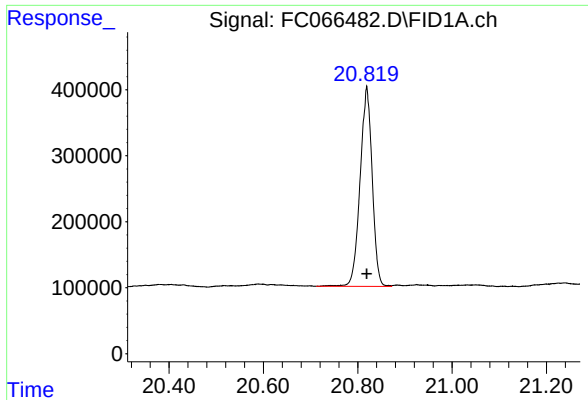
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: 0.000 min
Response: 5505818
Conc: 46.07 ug/ml



#20 n-Hexatriacontane (C36)

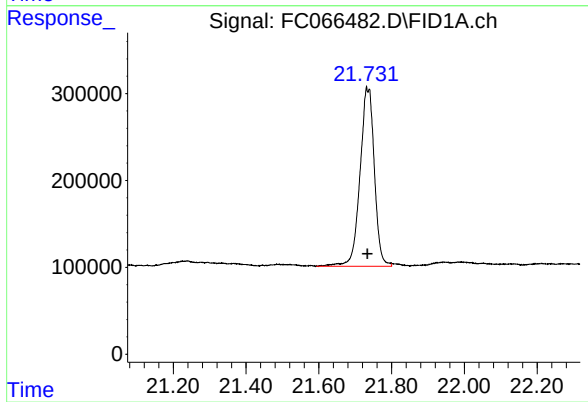
R.T.: 20.082 min
Delta R.T.: 0.000 min
Response: 5744729
Conc: 47.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 5375373
Conc: 47.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: 0.000 min
Response: 5629035
Conc: 47.23 ug/ml