

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064785.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 10:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 10 10:52:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 10:51:22 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)	11.521	4309621	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.953	3047341	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.320	3705282	20.000 ug/ml
2) T n-Decane (C10)	4.380	3708486	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3858090	20.000 ug/ml
4) T n-Dodecane (C12)	6.390	3771027	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.017	3635218	20.000 ug/ml
6) T n-Tetradecane (C14)	8.177	3654281	20.000 ug/ml
7) T n-Hexadecane (C16)	9.772	3628109	20.000 ug/ml
8) T n-Octadecane (C18)	11.205	3631428	20.000 ug/ml
10) T n-Eicosane (C20)	12.510	3479172	20.000 ug/ml
11) T n-Heneicosane (C21)	13.117	3414425	20.000 ug/ml
13) T n-Docosane (C22)	13.702	3332765	20.000 ug/ml
14) T n-Tetracosane (C24)	14.801	3214355	20.000 ug/ml
15) T n-Hexacosane (C26)	15.817	3087715	20.000 ug/ml
16) T n-Octacosane (C28)	16.763	2969391	20.000 ug/ml
17) T n-Tricontane (C30)	17.646	2944729	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.475	2905670	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2841002	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2804735	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.710	2714826	20.000 ug/ml
22) T n-Tetracontane (C40)	21.593	2579536	20.000 ug/ml

(f)=RT Delta > 1/2 Window

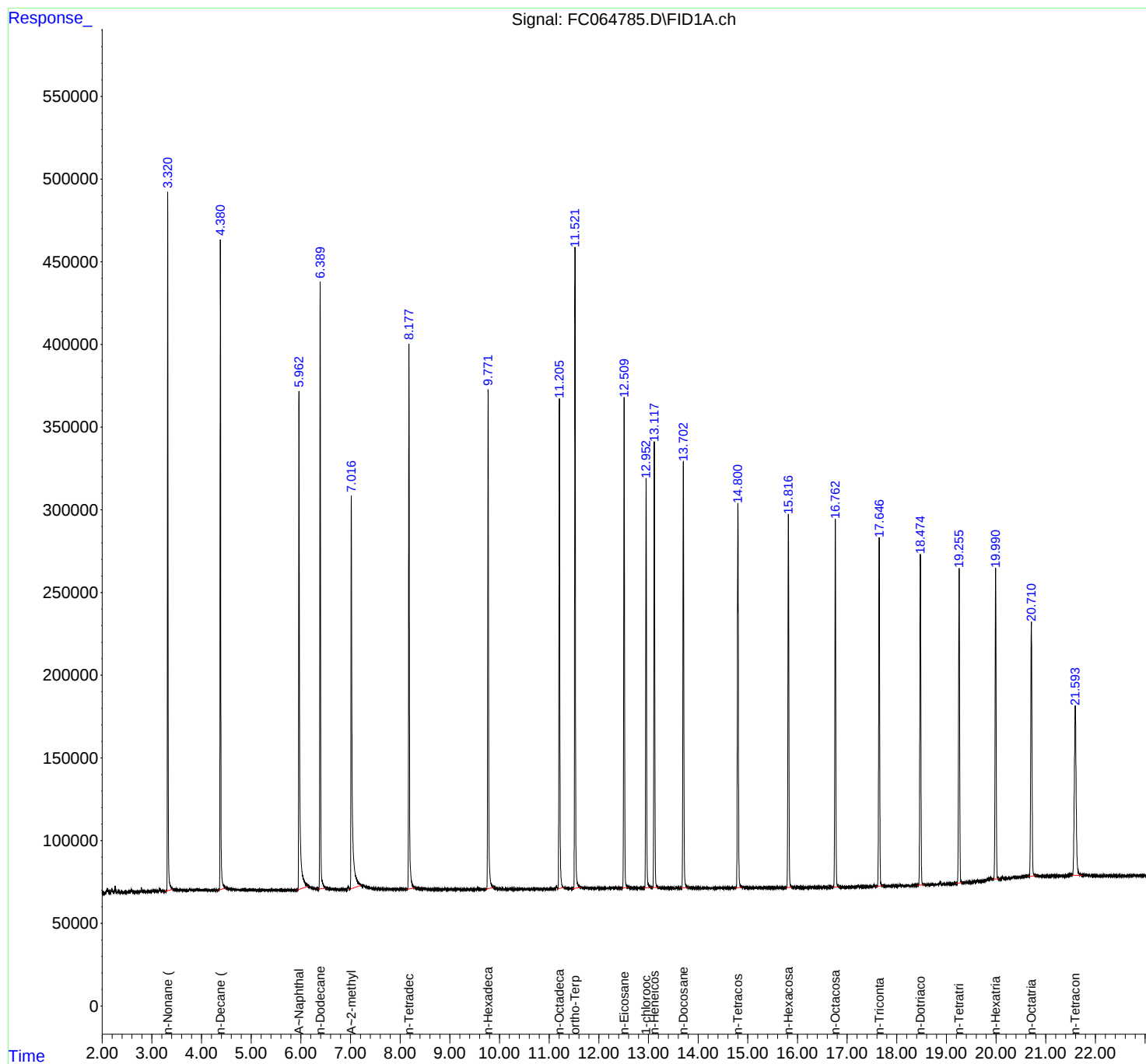
(m)=manual int.

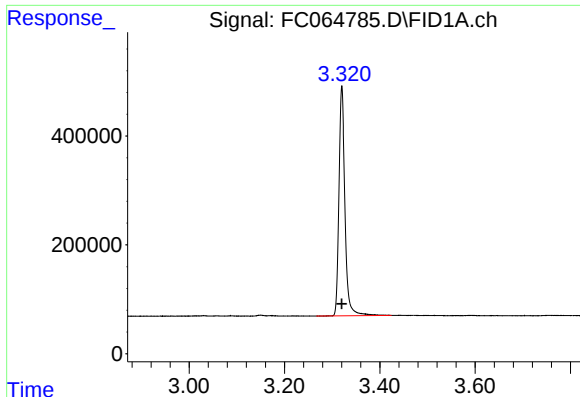
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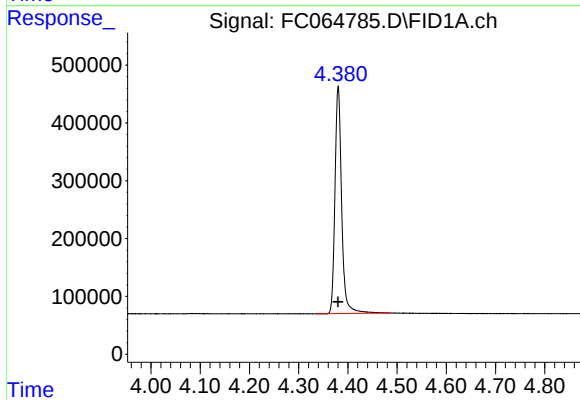




#1 n-Nonane (C9)

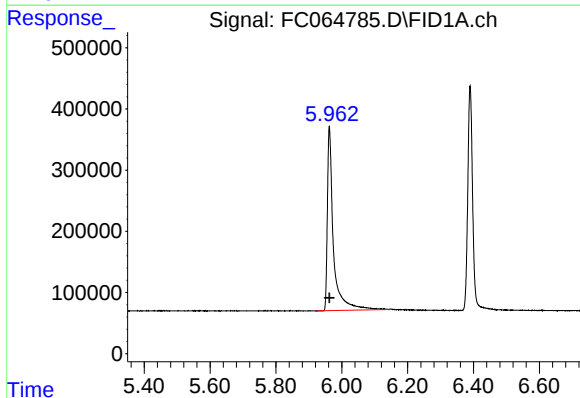
R.T.: 3.320 min
Delta R.T.: 0.000 min
Response: 3705282
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



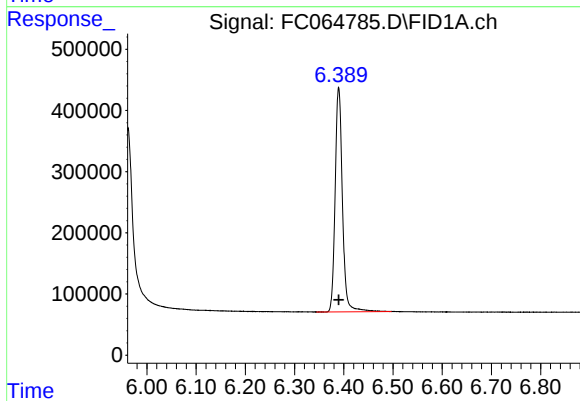
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.000 min
Response: 3708486
Conc: 20.00 ug/ml



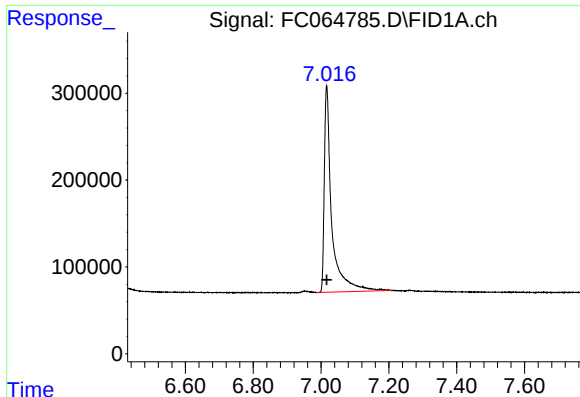
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 3858090
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

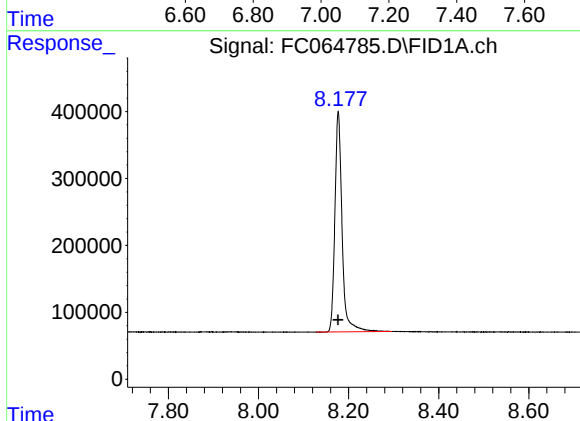
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 3771027
Conc: 20.00 ug/ml



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

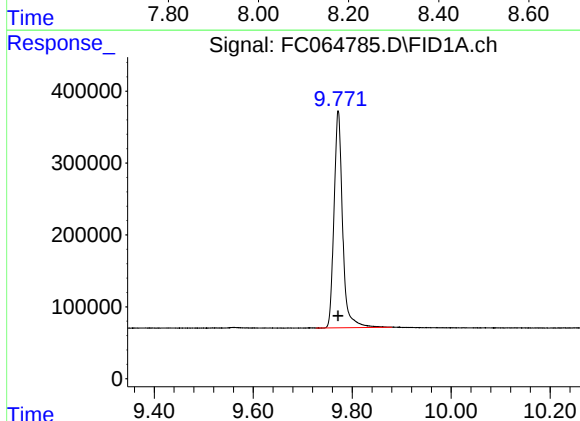
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 3635218
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



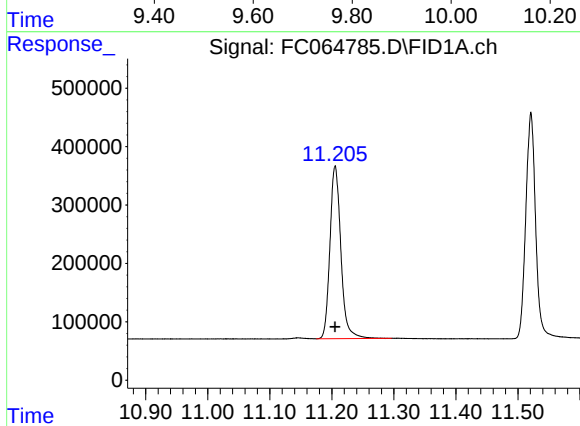
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 3654281
Conc: 20.00 ug/ml



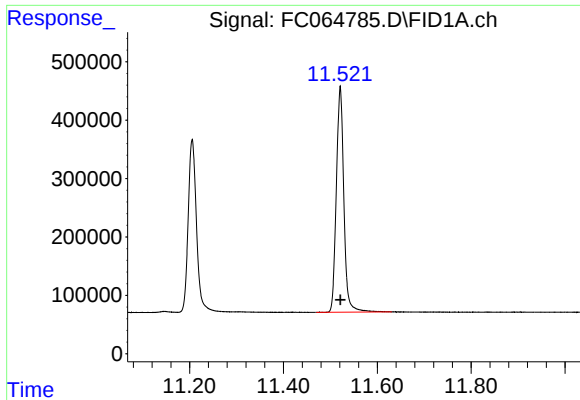
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 3628109
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

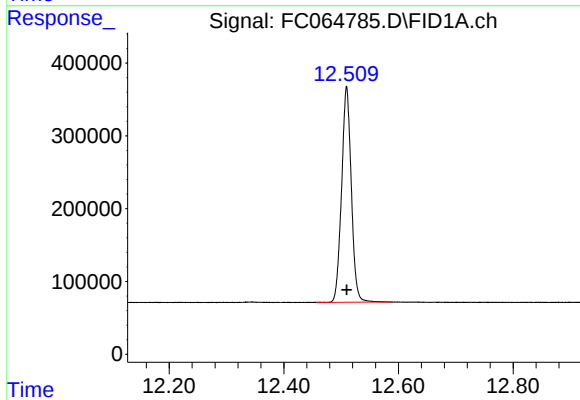
R.T.: 11.205 min
Delta R.T.: 0.000 min
Response: 3631428
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

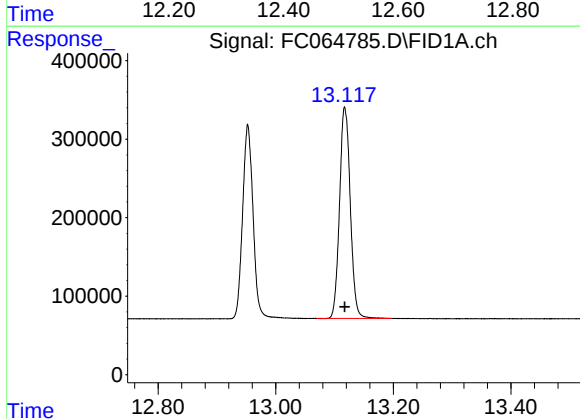
R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 4309621
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



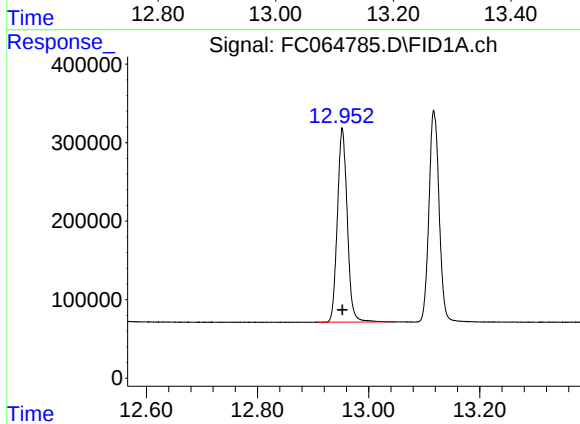
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: 0.000 min
Response: 3479172
Conc: 20.00 ug/ml



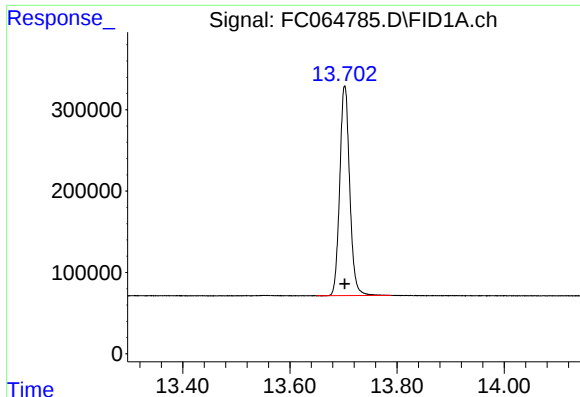
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 3414425
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

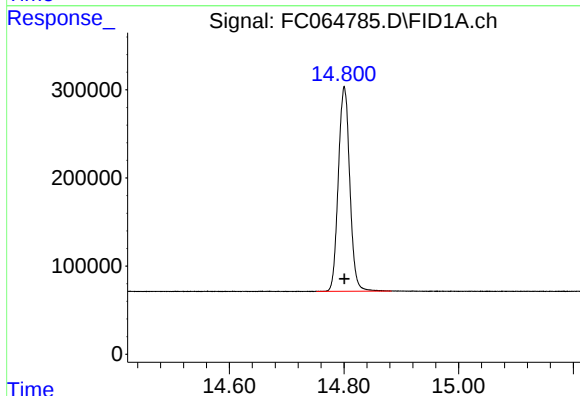
R.T.: 12.953 min
Delta R.T.: 0.000 min
Response: 3047341
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

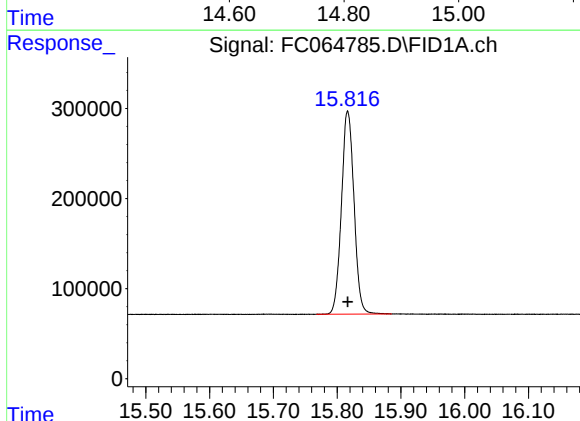
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 3332765
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



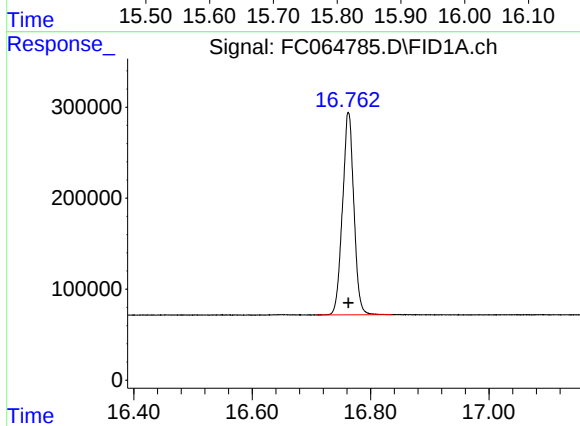
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 3214355
Conc: 20.00 ug/ml



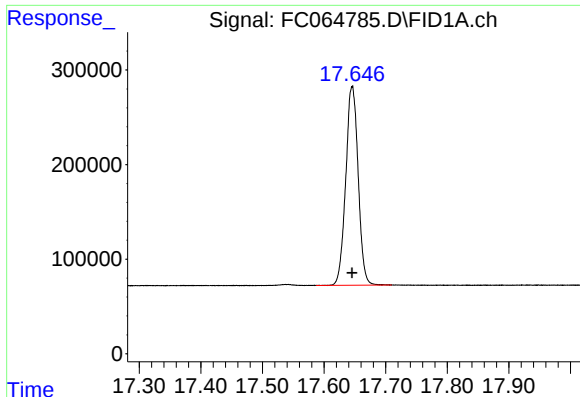
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.000 min
Response: 3087715
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

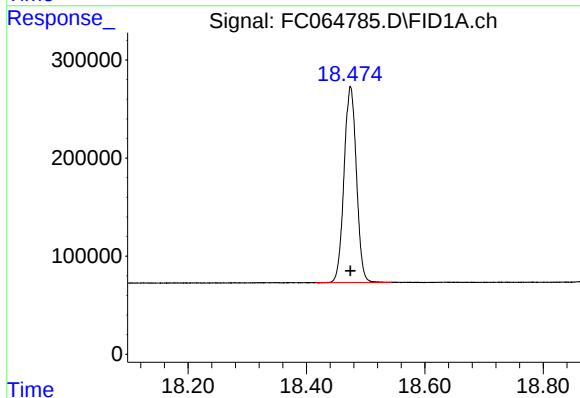
R.T.: 16.763 min
Delta R.T.: 0.000 min
Response: 2969391
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

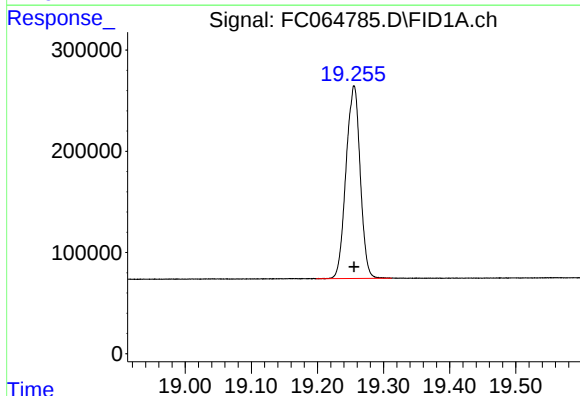
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2944729
Conc: 20.00 ug/ml

Instrument :
FID_C
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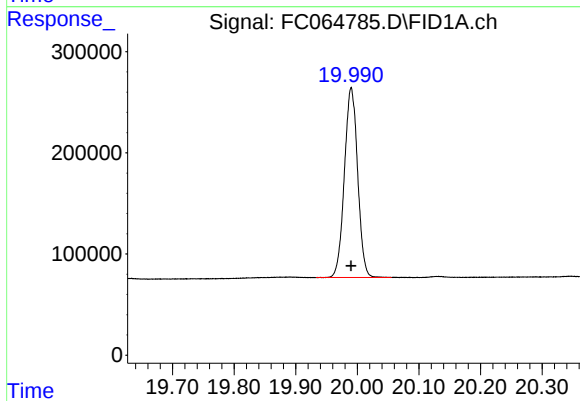
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 2905670
Conc: 20.00 ug/ml



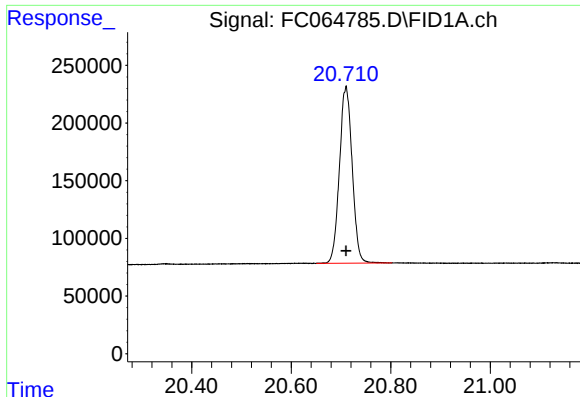
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 2841002
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

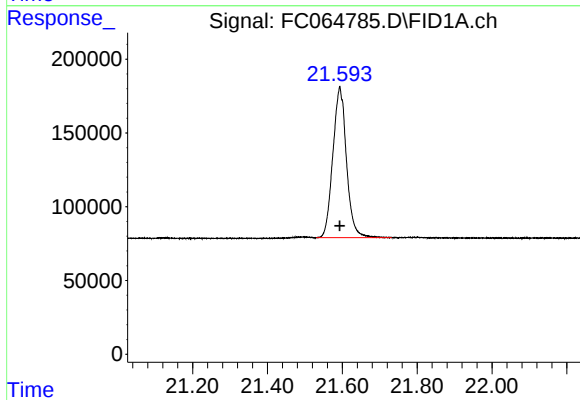
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 2804735
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.000 min
Response: 2714826
Conc: 20.00 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.000 min
Response: 2579536
Conc: 20.00 ug/ml