

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010323AL\
 Data File : FC062557.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 00:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 04 02:46:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.558	2911513	20.640 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	12.997	2179874	20.452 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T n-Nonane (C9)	3.317	2726399	21.198 ug/ml
2) T n-Decane (C10)	4.383	2654695	21.340 ug/ml
3) T A~Naphthalene (C11.7)	5.968	3020740	21.288 ug/ml
4) T n-Dodecane (C12)	6.404	2629487	20.993 ug/ml
5) T A~2-methylnaphthalene...	7.027	2818103	21.917 ug/ml
6) T n-Tetradecane (C14)	8.200	2637554	21.657 ug/ml
7) T n-Hexadecane (C16)	9.802	2657585	21.173 ug/ml
8) T n-Octadecane (C18)	11.245	2659084	20.814 ug/ml
10) T n-Eicosane (C20)	12.553	2539459	20.415 ug/ml
11) T n-Heneicosane (C21)	13.165	2521958	20.408 ug/ml
13) T n-Docosane (C22)	13.752	2465577	20.297 ug/ml
14) T n-Tetracosane (C24)	14.852	2404453	20.059 ug/ml
15) T n-Hexacosane (C26)	15.872	2330687	20.063 ug/ml
16) T n-Octacosane (C28)	16.819	2277737	20.041 ug/ml
17) T n-Tricontane (C30)	17.706	2261157	20.225 ug/ml
18) T n-Dotriacontane (C32)	18.535	2297734	20.678 ug/ml
19) T n-Tetratriacontane (C34)	19.315	2270333	20.986 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2138633	21.065 ug/ml
21) T n-Octatriacontane (C38)	20.787	2180656	21.314 ug/ml
22) T n-Tetracontane (C40)	21.695	2276142	22.459 ug/ml

(f)=RT Delta > 1/2 Window

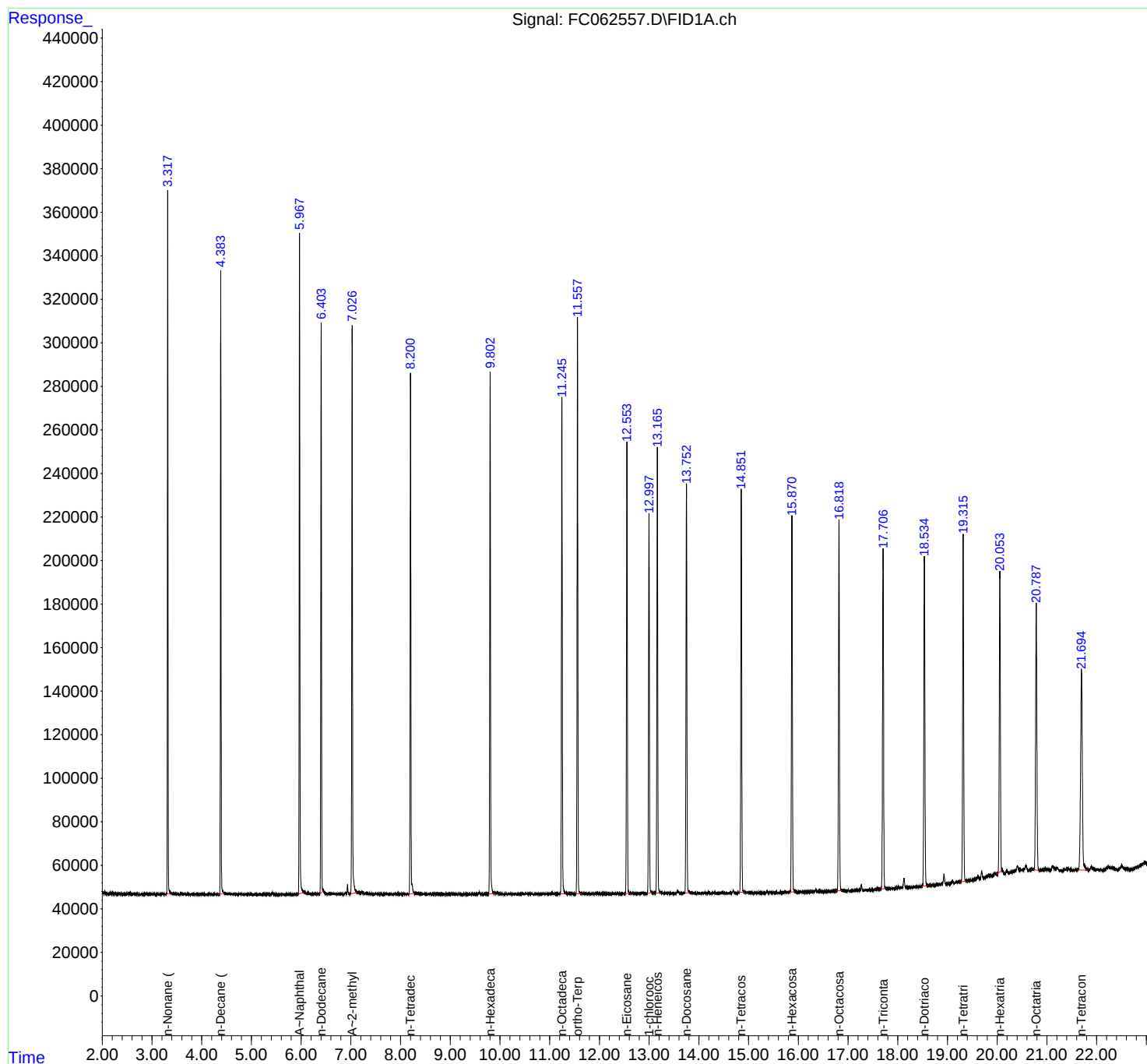
(m)=manual int.

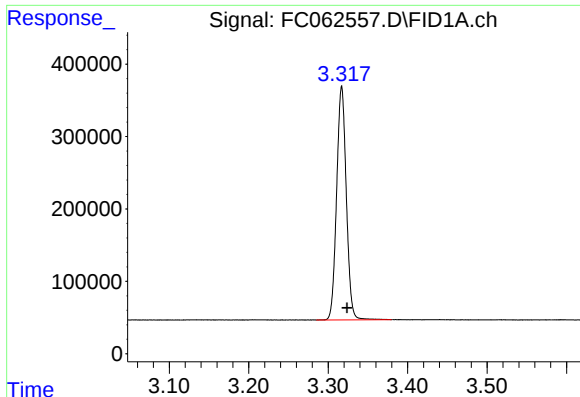
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010323AL\
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Signal Info : 20M x 0.18mm x 0.18um

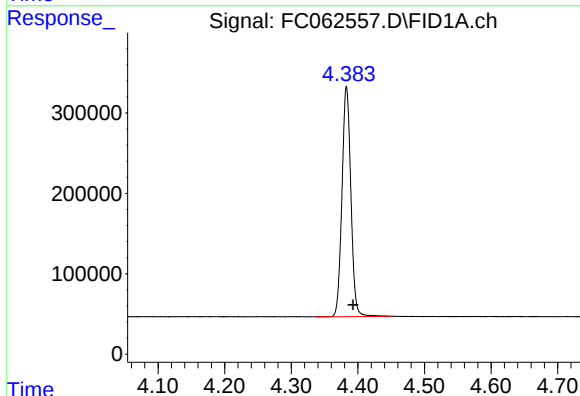




#1 n-Nonane (C9)

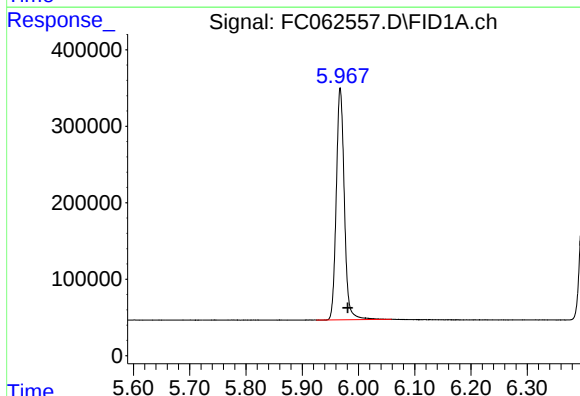
R.T.: 3.317 min
Delta R.T.: -0.007 min
Response: 2726399
Conc: 21.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



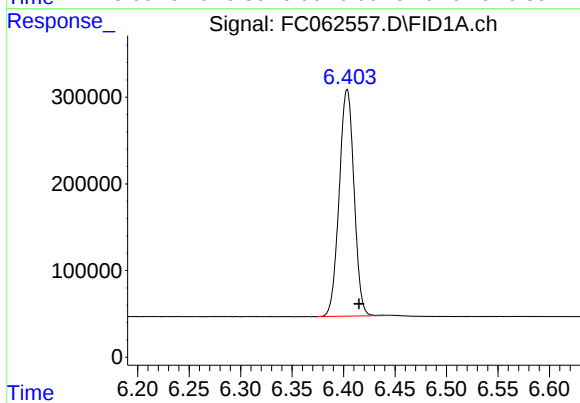
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.010 min
Response: 2654695
Conc: 21.34 ug/ml



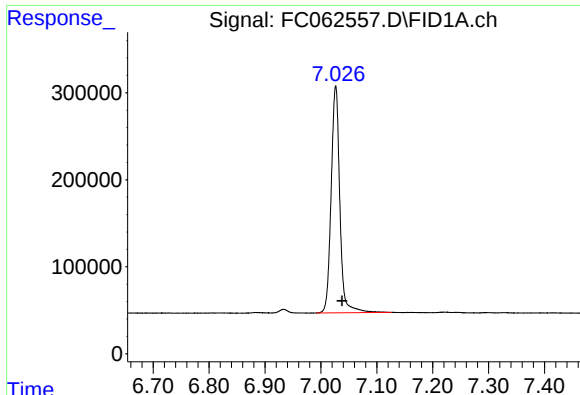
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.013 min
Response: 3020740
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

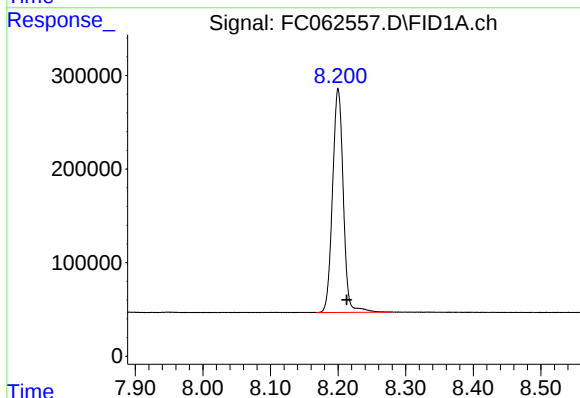
R.T.: 6.404 min
Delta R.T.: -0.012 min
Response: 2629487
Conc: 20.99 ug/ml



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

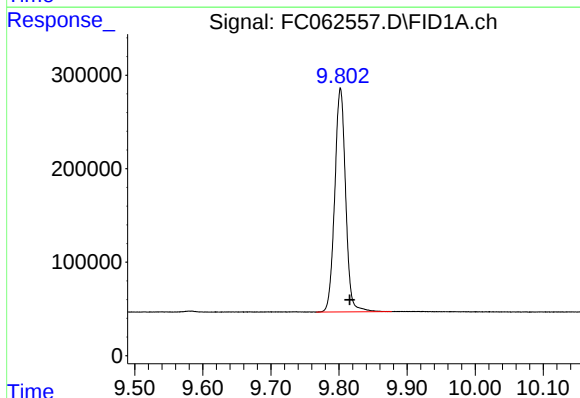
R.T.: 7.027 min
Delta R.T.: -0.012 min
Response: 2818103
Conc: 21.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



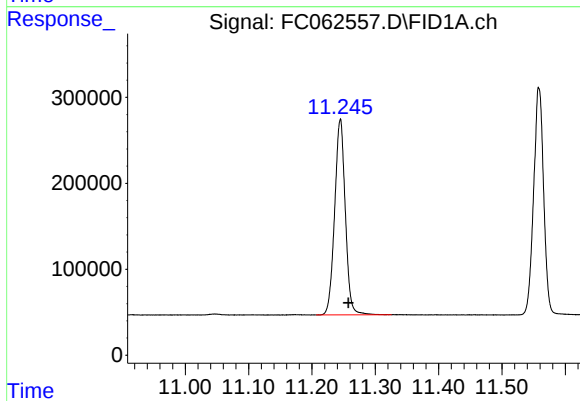
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.013 min
Response: 2637554
Conc: 21.66 ug/ml



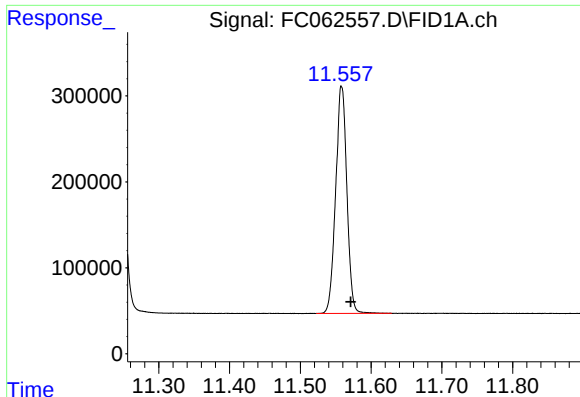
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.014 min
Response: 2657585
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

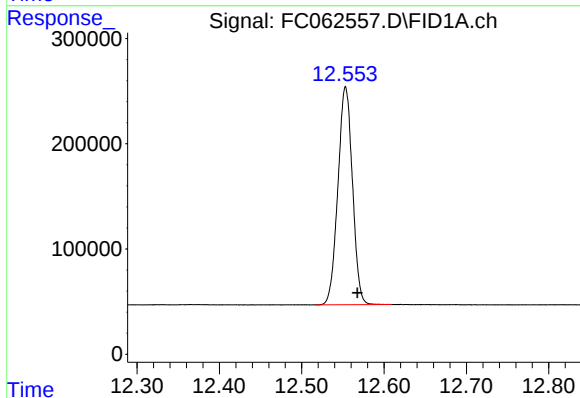
R.T.: 11.245 min
Delta R.T.: -0.013 min
Response: 2659084
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

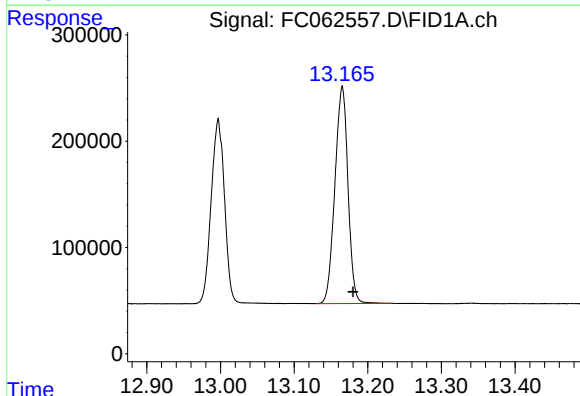
R.T.: 11.558 min
Delta R.T.: -0.013 min
Response: 2911513
Conc: 20.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



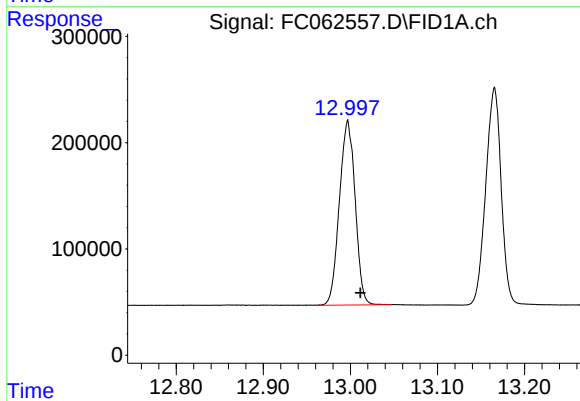
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.015 min
Response: 2539459
Conc: 20.41 ug/ml



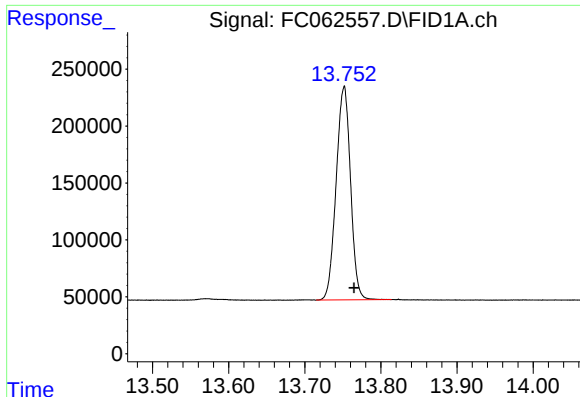
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.014 min
Response: 2521958
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

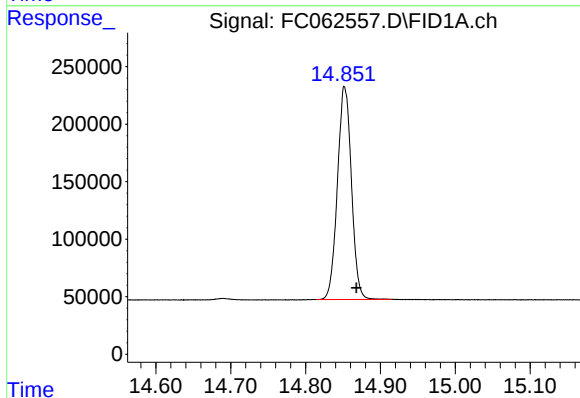
R.T.: 12.997 min
Delta R.T.: -0.015 min
Response: 2179874
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

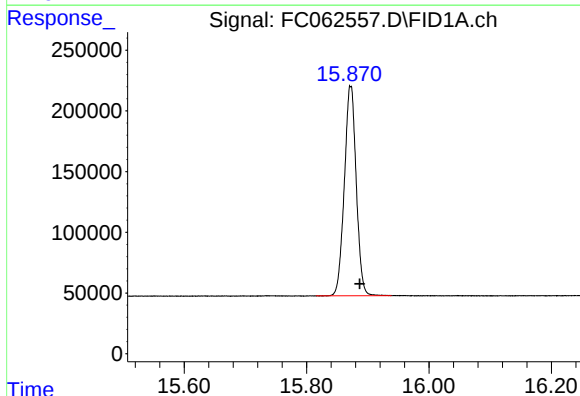
R.T.: 13.752 min
Delta R.T.: -0.013 min
Response: 2465577
Conc: 20.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



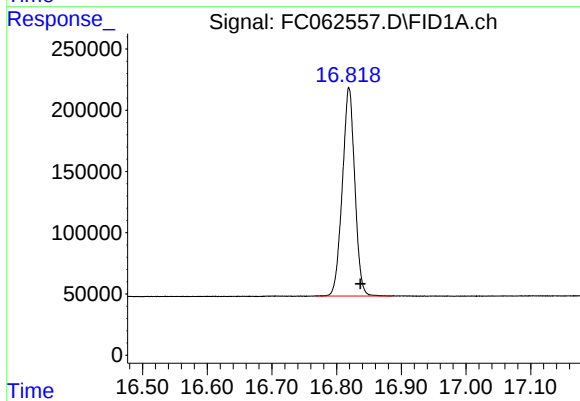
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.016 min
Response: 2404453
Conc: 20.06 ug/ml



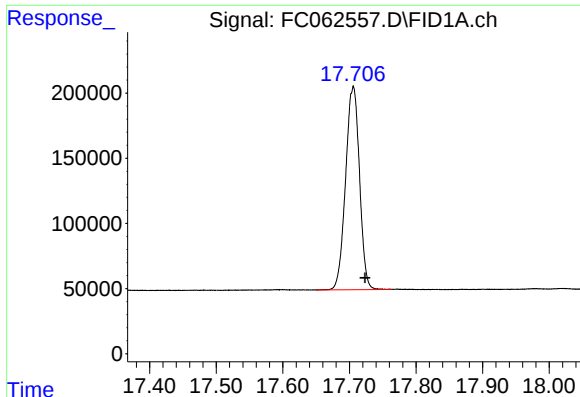
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.015 min
Response: 2330687
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

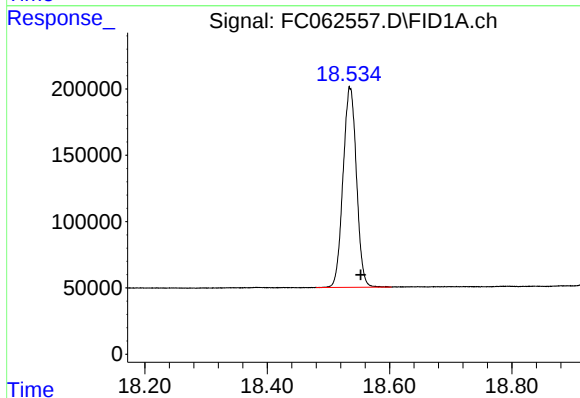
R.T.: 16.819 min
Delta R.T.: -0.017 min
Response: 2277737
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

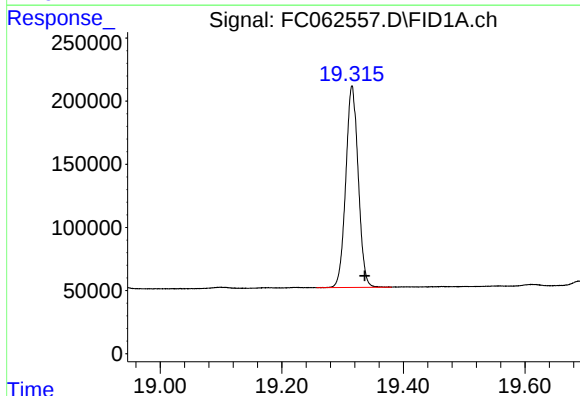
R.T.: 17.706 min
Delta R.T.: -0.017 min
Response: 2261157
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



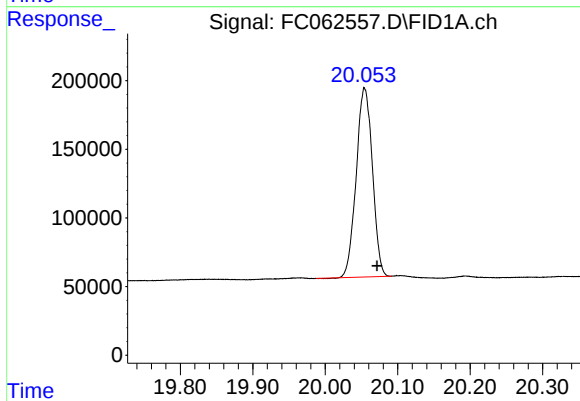
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.017 min
Response: 2297734
Conc: 20.68 ug/ml



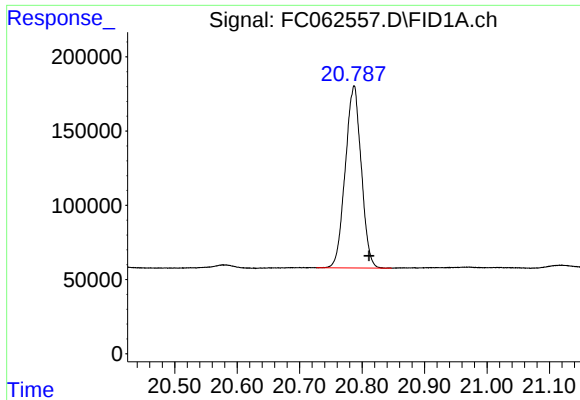
#19 n-Tetratriacontane (C34)

R.T.: 19.315 min
Delta R.T.: -0.021 min
Response: 2270333
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

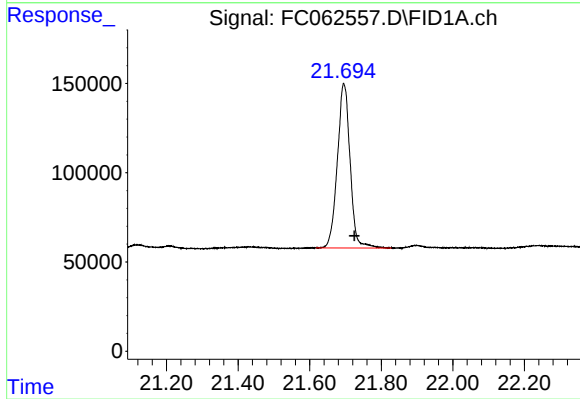
R.T.: 20.054 min
Delta R.T.: -0.018 min
Response: 2138633
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.024 min
Response: 2180656
Conc: 21.31 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.030 min
Response: 2276142
Conc: 22.46 ug/ml