

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066483.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 10:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 28 11:25:30 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)	11.563	2881141	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.002	2167555	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.313	2651862	20.000 ug/ml
2) T n-Decane (C10)	4.383	2706805	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2998303	20.000 ug/ml
4) T n-Dodecane (C12)	6.405	2720920	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.027	2891445	20.000 ug/ml
6) T n-Tetradecane (C14)	8.203	2670757	20.000 ug/ml
7) T n-Hexadecane (C16)	9.805	2722482	20.000 ug/ml
8) T n-Octadecane (C18)	11.248	2716024	20.000 ug/ml
10) T n-Eicosane (C20)	12.558	2581573	20.000 ug/ml
11) T n-Heneicosane (C21)	13.170	2527433	20.000 ug/ml
13) T n-Docosane (C22)	13.758	2502122	20.000 ug/ml
14) T n-Tetracosane (C24)	14.861	2468169	20.000 ug/ml
15) T n-Hexacosane (C26)	15.883	2412571	20.000 ug/ml
16) T n-Octacosane (C28)	16.833	2355427	20.000 ug/ml
17) T n-Tricontane (C30)	17.722	2377515	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.555	2324314	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2273271	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2269395	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.817	2119327	20.000 ug/ml
22) T n-Tetracontane (C40)	21.731	2320741	20.000 ug/ml

(f)=RT Delta > 1/2 Window

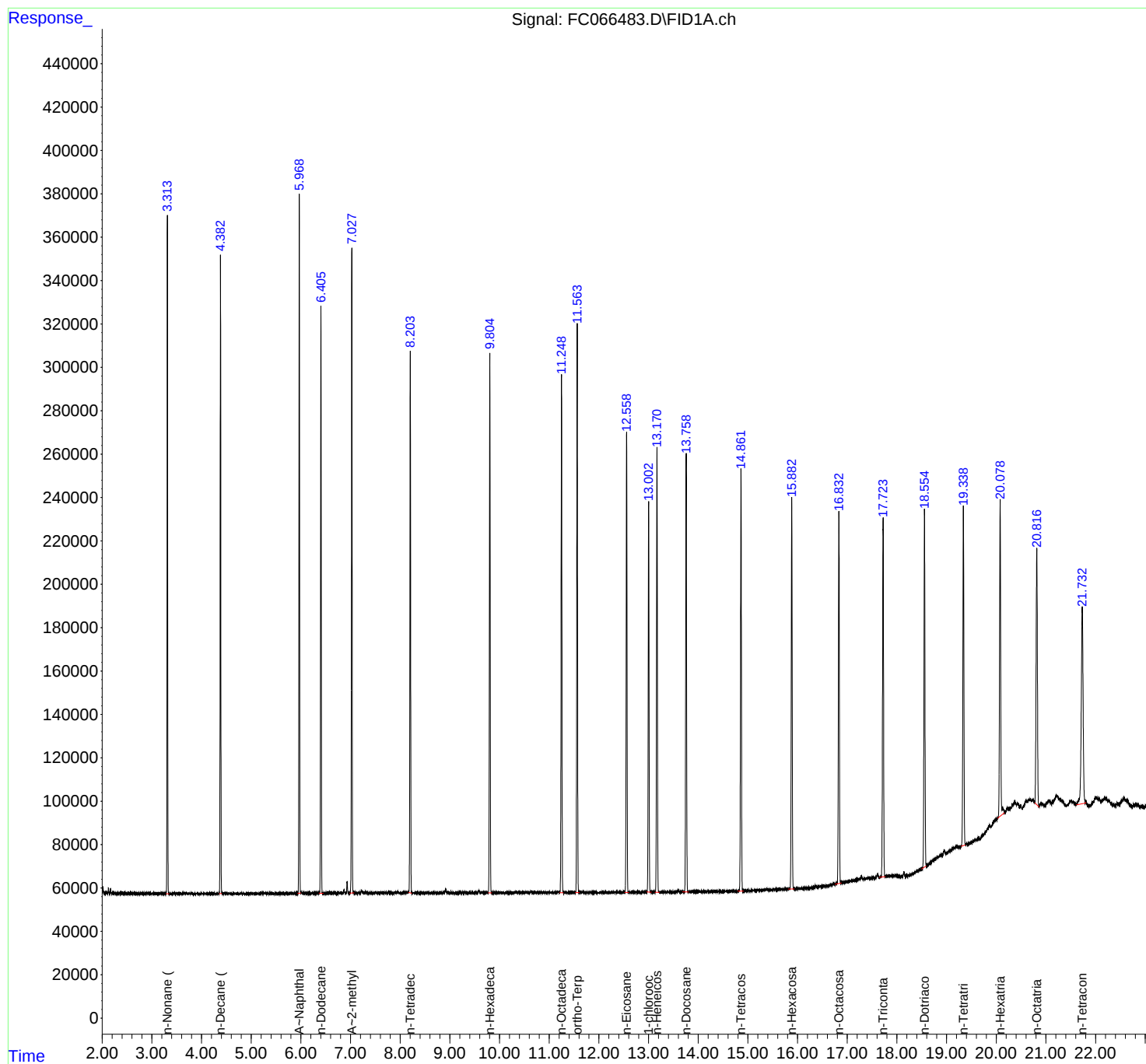
(m)=manual int.

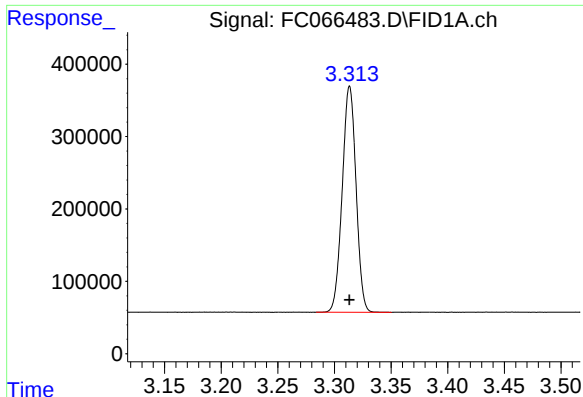
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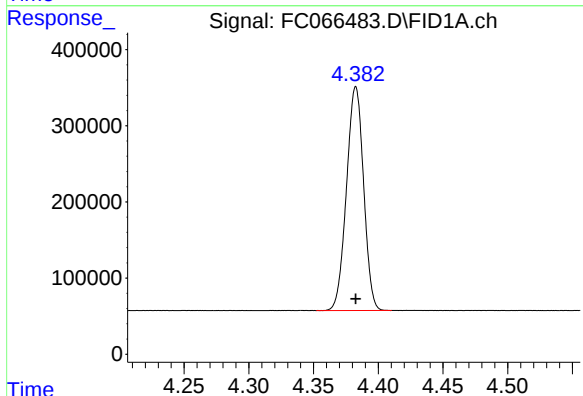




#1 n-Nonane (C9)

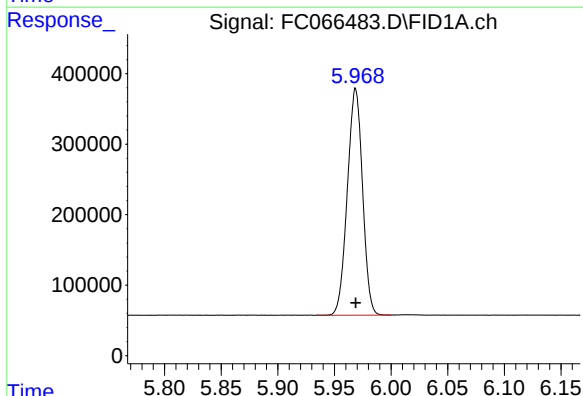
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2651862
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



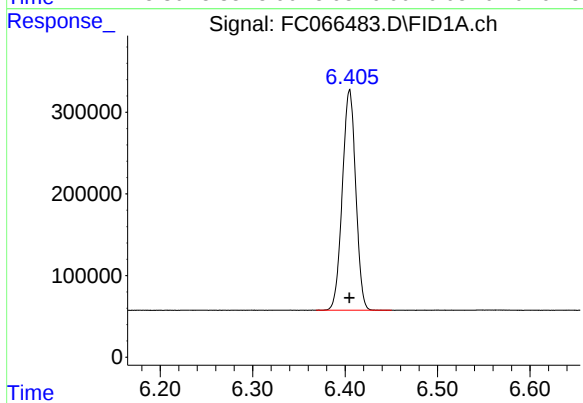
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 2706805
Conc: 20.00 ug/ml



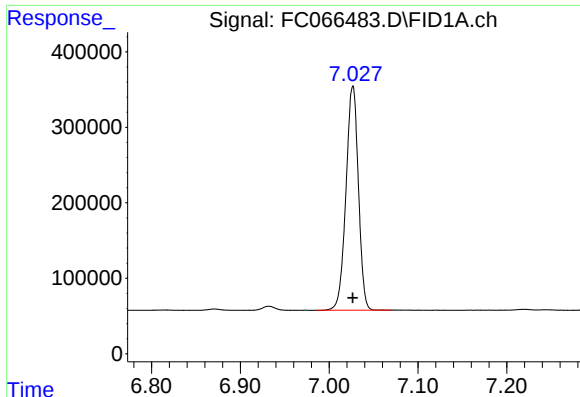
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 2998303
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

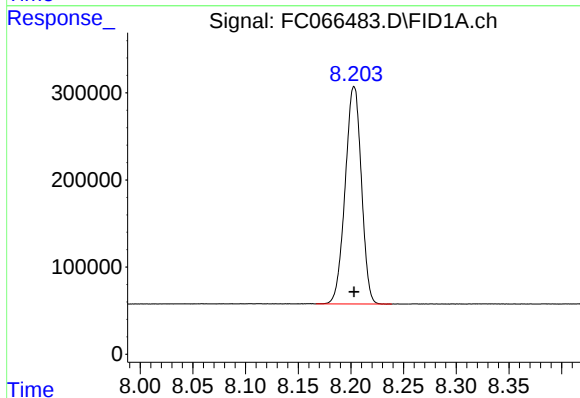
R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 2720920
Conc: 20.00 ug/ml



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

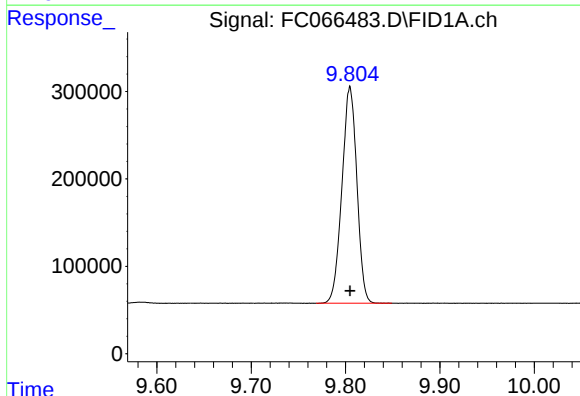
R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 2891445
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



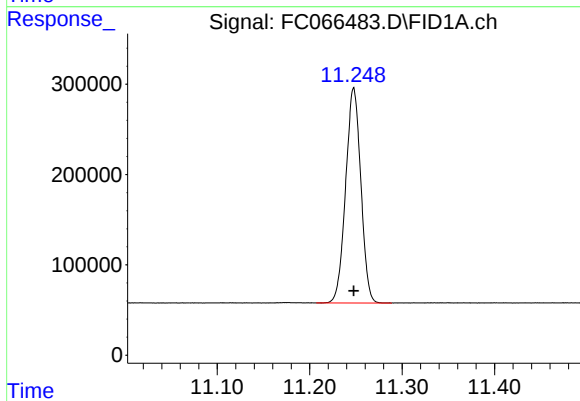
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 2670757
Conc: 20.00 ug/ml



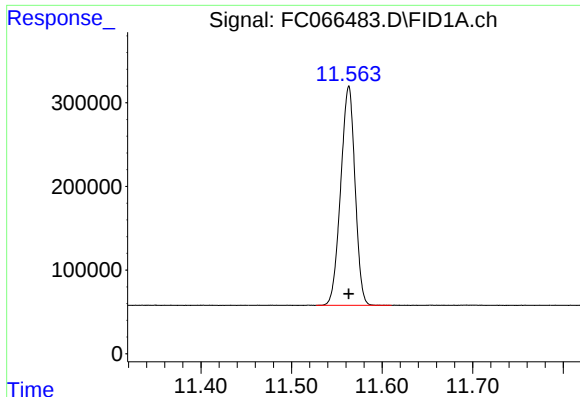
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: 0.000 min
Response: 2722482
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

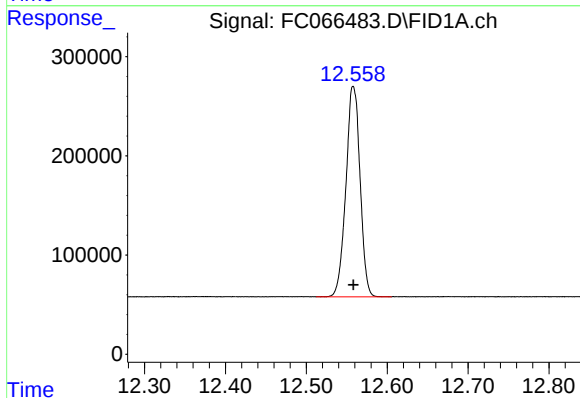
R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 2716024
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

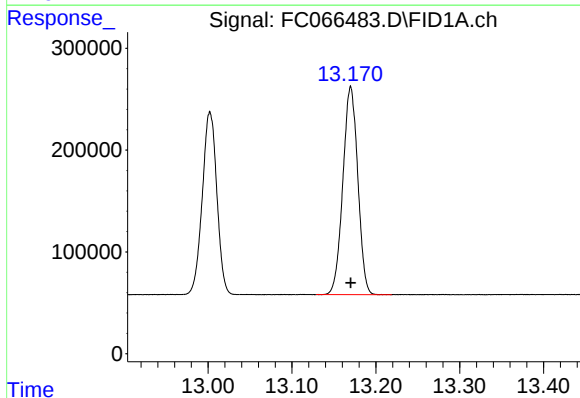
R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 2881141
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



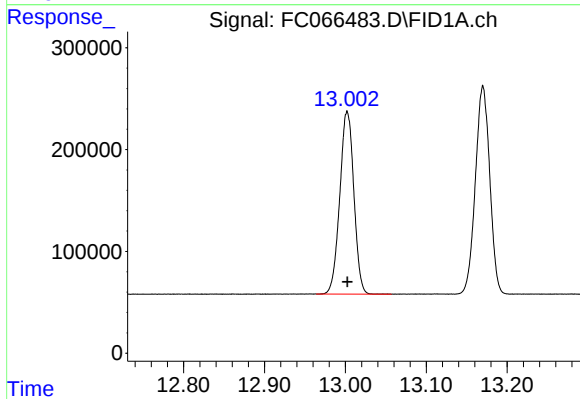
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 2581573
Conc: 20.00 ug/ml



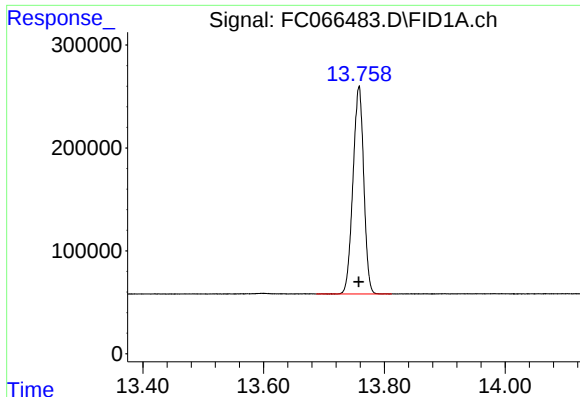
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2527433
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

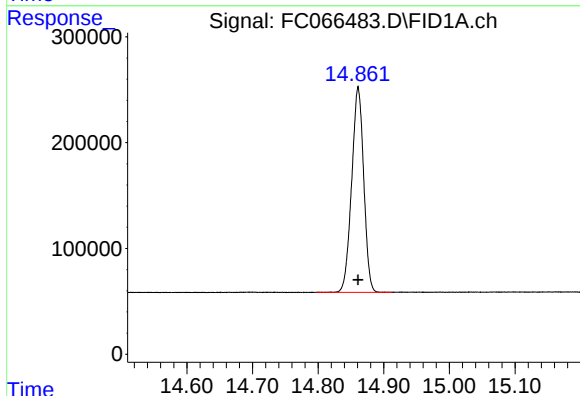
R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 2167555
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

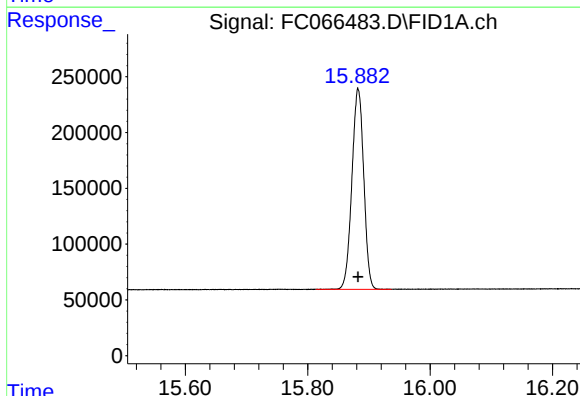
R.T.: 13.758 min
Delta R.T.: 0.000 min
Response: 2502122
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



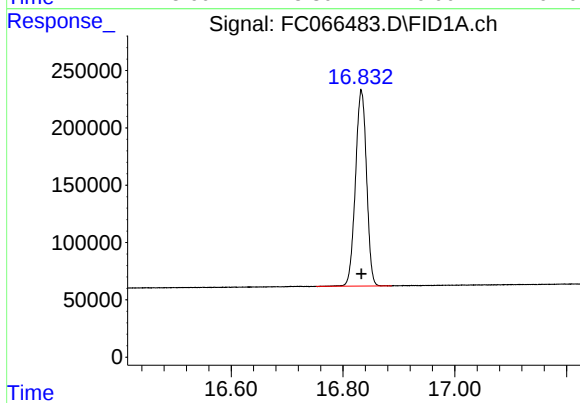
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 2468169
Conc: 20.00 ug/ml



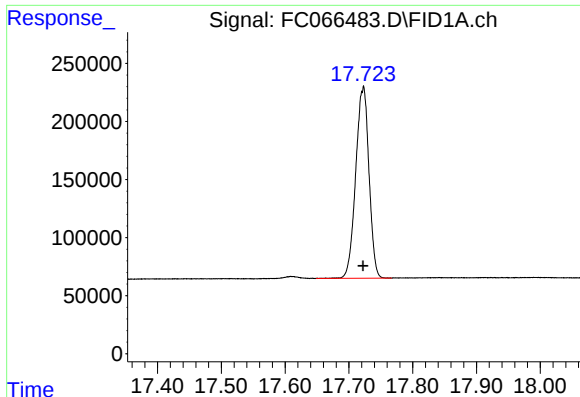
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: 0.000 min
Response: 2412571
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

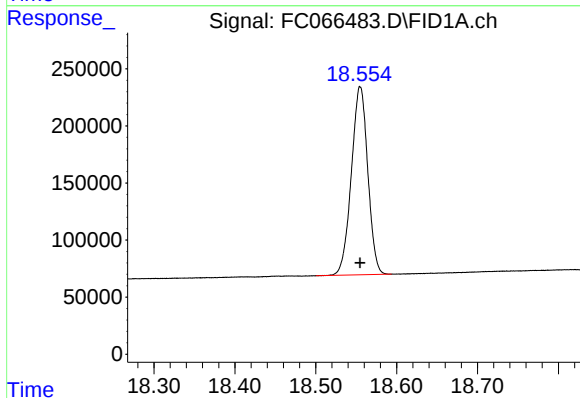
R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 2355427
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

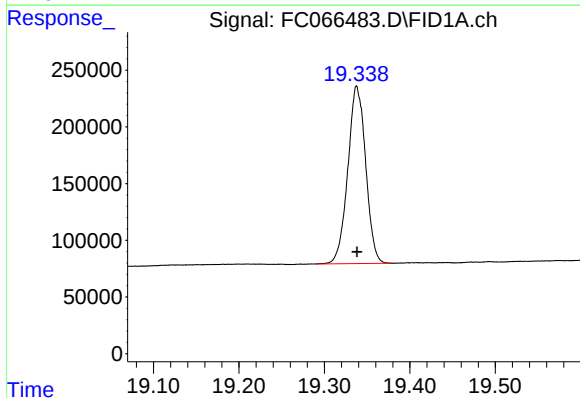
R.T.: 17.722 min
Delta R.T.: 0.000 min
Response: 2377515
Conc: 20.00 ug/ml

Instrument :
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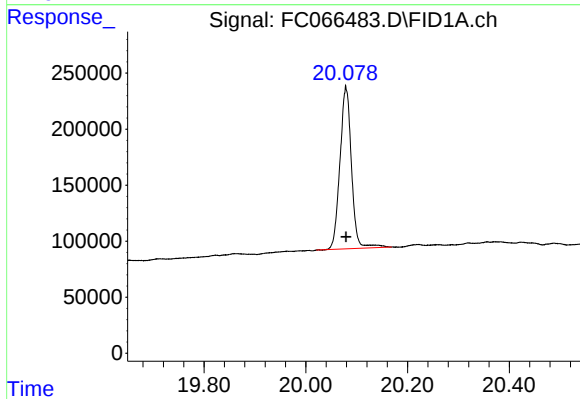
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 2324314
Conc: 20.00 ug/ml



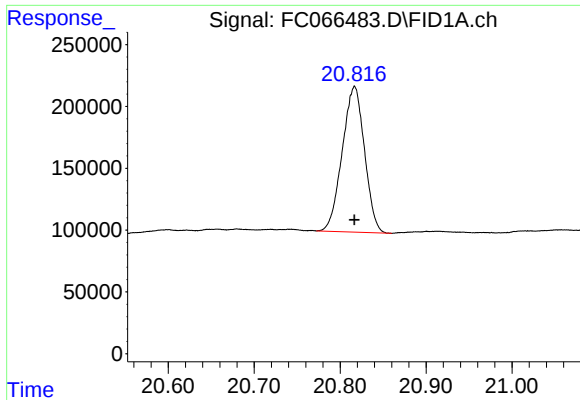
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.000 min
Response: 2273271
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

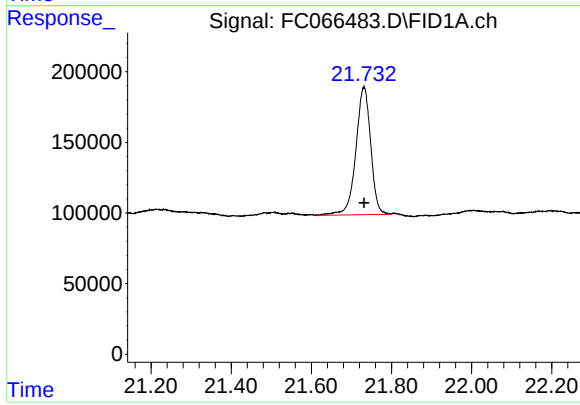
R.T.: 20.079 min
Delta R.T.: 0.000 min
Response: 2269395
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: 0.000 min
Response: 2119327
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: 0.000 min
Response: 2320741
Conc: 20.00 ug/ml