

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066283.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 21:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 02 09:05:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.562	3655445	22.109 ug/ml
Spiked Amount 50.000		Recovery =	44.22%
12) S 1-chlorooctadecane (S...	13.001	2722728	22.197 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
Target Compounds			
1) T n-Nonane (C9)	3.322	3234240	21.415 ug/ml
2) T n-Decane (C10)	4.388	3332242	21.668 ug/ml
3) T A~Naphthalene (C11.7)	5.969	3695827	21.753 ug/ml
4) T n-Dodecane (C12)	6.407	3348647	21.789 ug/ml
5) T A~2-methylnaphthalene...	7.026	3597663	21.829 ug/ml
6) T n-Tetradecane (C14)	8.203	3312492	21.888 ug/ml
7) T n-Hexadecane (C16)	9.805	3360123	21.975 ug/ml
8) T n-Octadecane (C18)	11.247	3355831	22.108 ug/ml
10) T n-Eicosane (C20)	12.558	3193971	22.203 ug/ml
11) T n-Heneicosane (C21)	13.170	3120767	22.201 ug/ml
13) T n-Docosane (C22)	13.756	3095942	22.113 ug/ml
14) T n-Tetracosane (C24)	14.859	3055007	21.701 ug/ml
15) T n-Hexacosane (C26)	15.880	2939748	21.492 ug/ml
16) T n-Octacosane (C28)	16.830	2852456	21.300 ug/ml
17) T n-Tricontane (C30)	17.718	2867301	21.277 ug/ml
18) T n-Dotriacontane (C32)	18.551	2769101	21.506 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2599419	21.970 ug/ml
20) T n-Hexatriacontane (C36)	20.074	2412341	20.987 ug/ml
21) T n-Octatriacontane (C38)	20.812	2389087	22.196 ug/ml
22) T n-Tetracontane (C40)	21.722	2370717	22.108 ug/ml

(f)=RT Delta > 1/2 Window

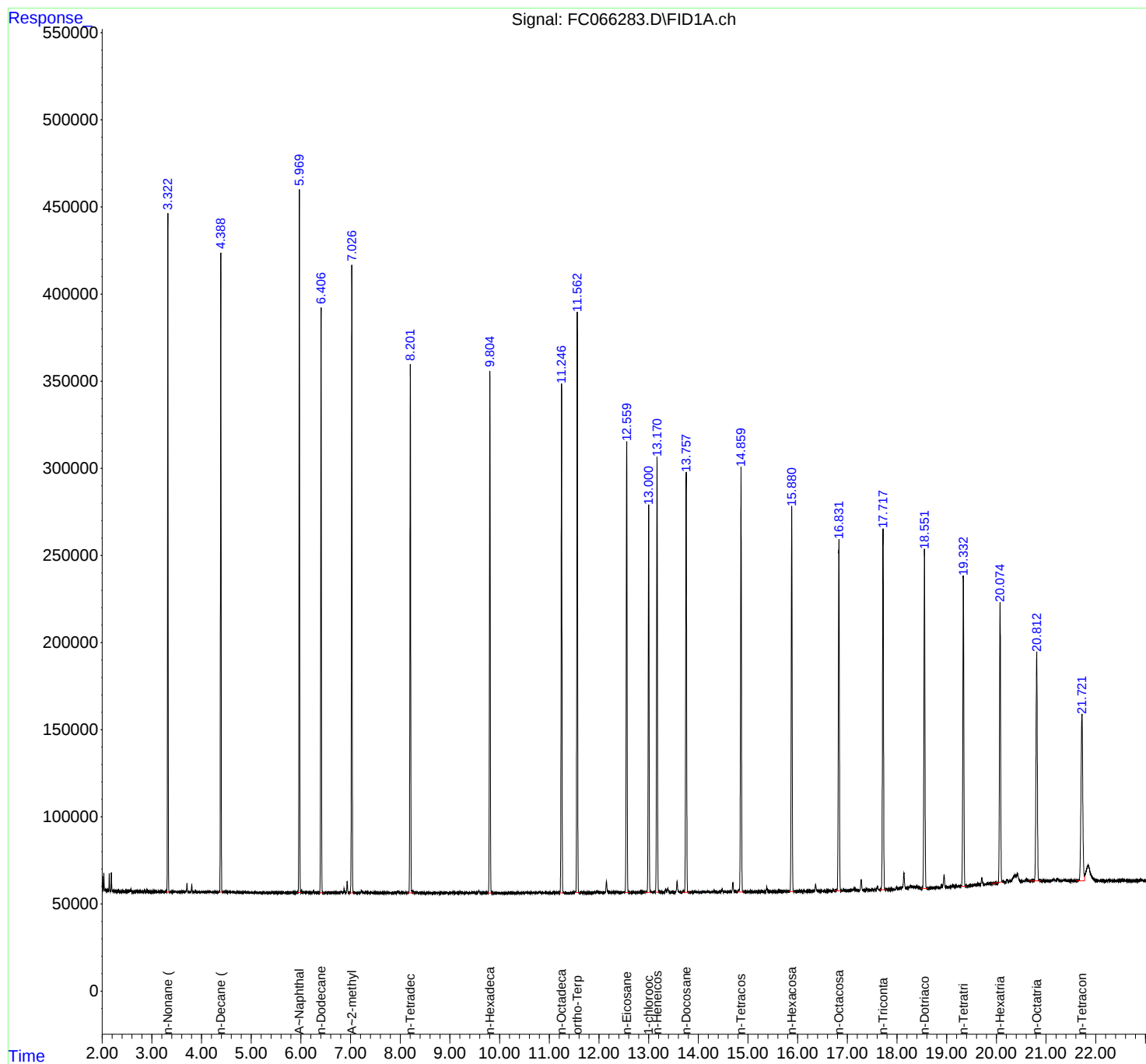
(m)=manual int.

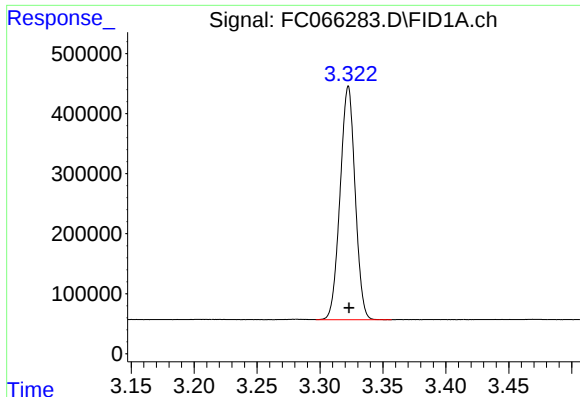
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
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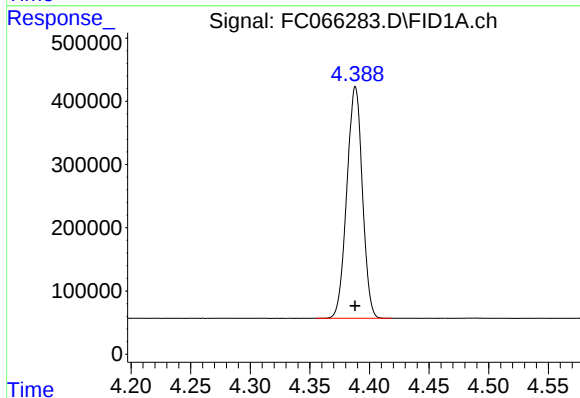




#1 n-Nonane (C9)

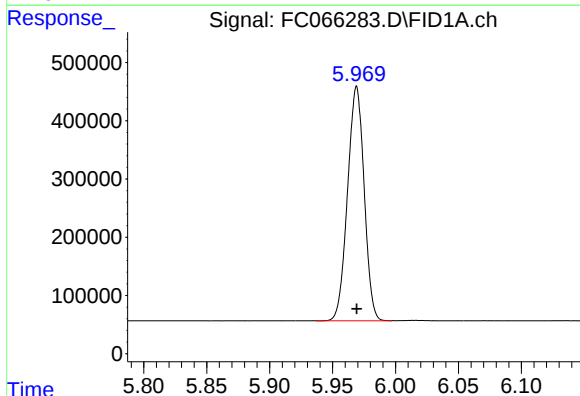
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 3234240
Conc: 21.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



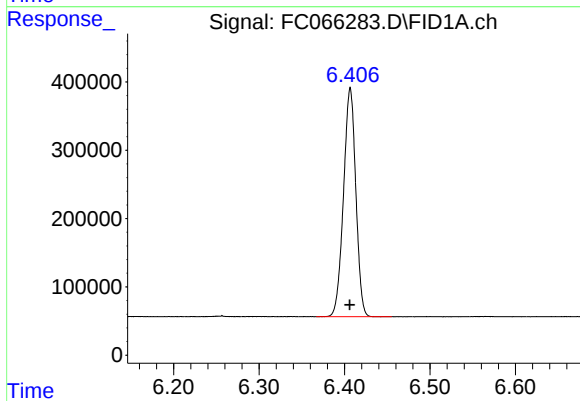
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 3332242
Conc: 21.67 ug/ml



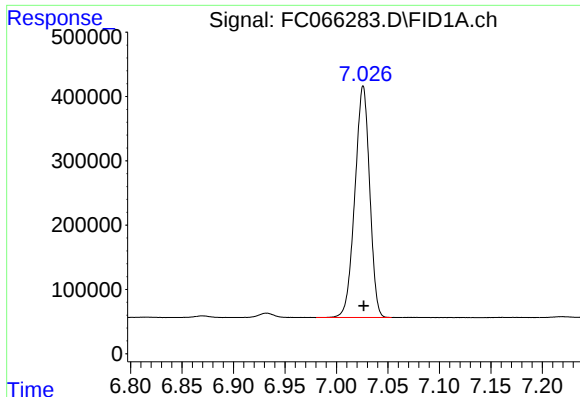
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3695827
Conc: 21.75 ug/ml



#4 n-Dodecane (C12)

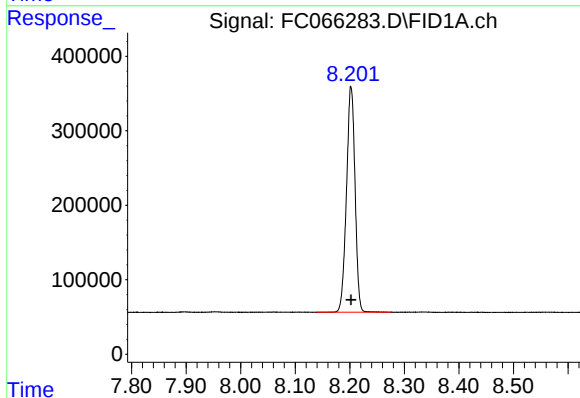
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 3348647
Conc: 21.79 ug/ml



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

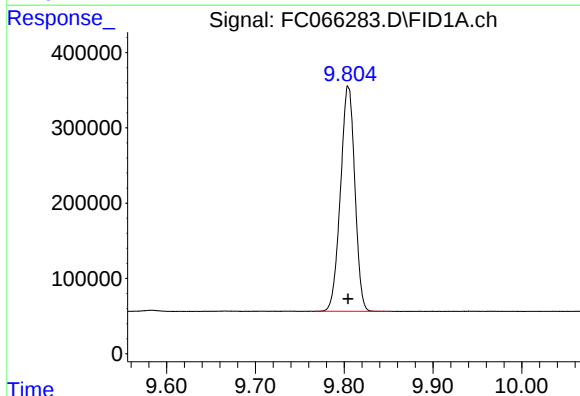
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 3597663
Conc: 21.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



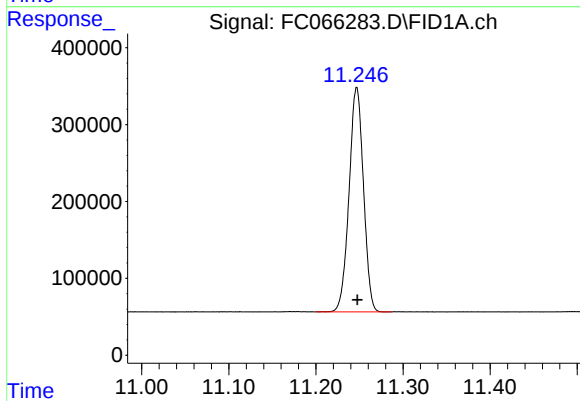
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 3312492
Conc: 21.89 ug/ml



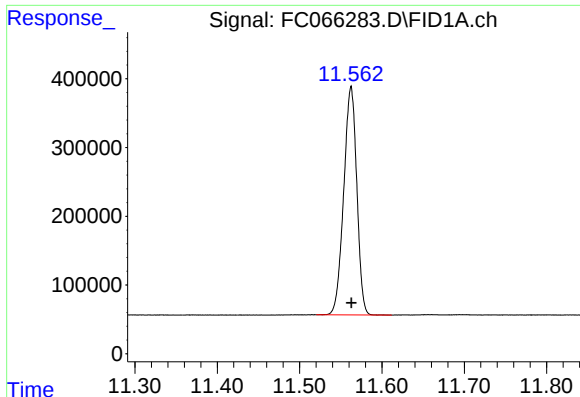
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: 0.000 min
Response: 3360123
Conc: 21.97 ug/ml



#8 n-Octadecane (C18)

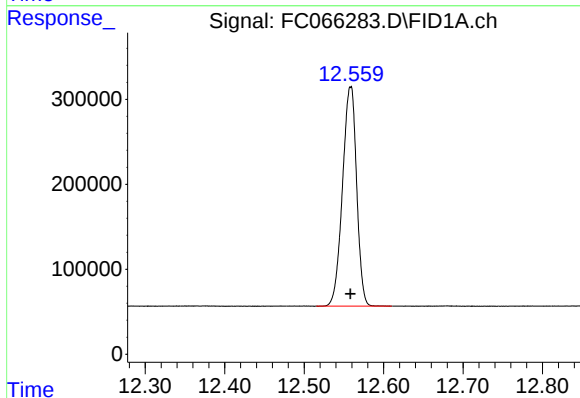
R.T.: 11.247 min
Delta R.T.: -0.001 min
Response: 3355831
Conc: 22.11 ug/ml



#9 ortho-Terphenyl (SURR)

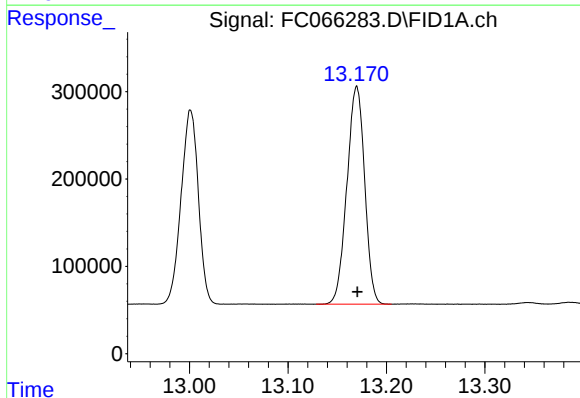
R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 3655445
Conc: 22.11 ug/ml

Instrument :
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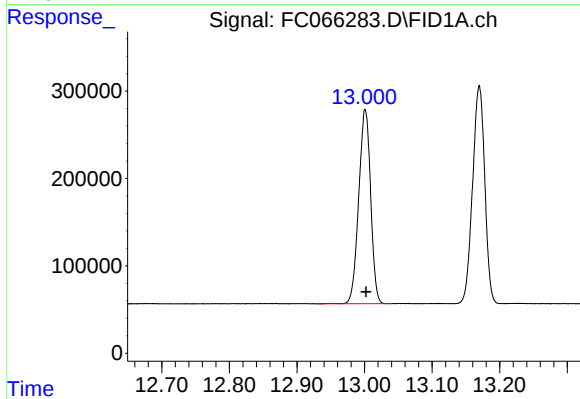
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 3193971
Conc: 22.20 ug/ml



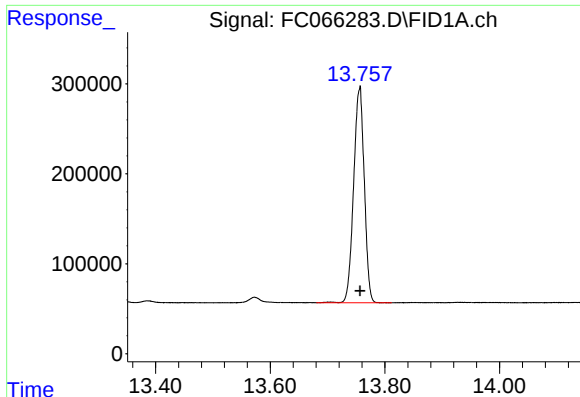
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 3120767
Conc: 22.20 ug/ml



#12 1-chlorooctadecane (SURR)

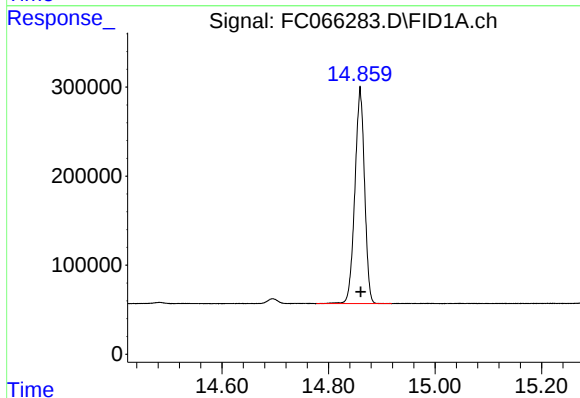
R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 2722728
Conc: 22.20 ug/ml



#13 n-Docosane (C22)

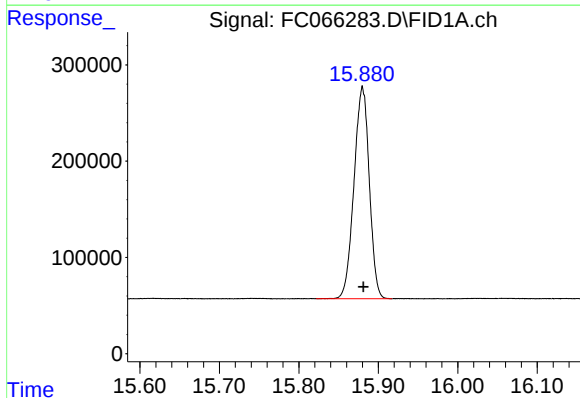
R.T.: 13.756 min
Delta R.T.: -0.001 min
Response: 3095942
Conc: 22.11 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



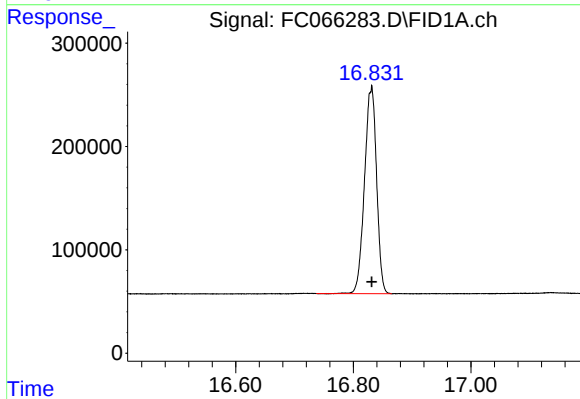
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 3055007
Conc: 21.70 ug/ml



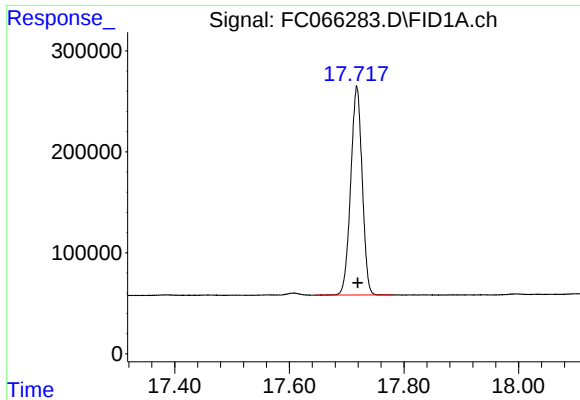
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.001 min
Response: 2939748
Conc: 21.49 ug/ml



#16 n-Octacosane (C28)

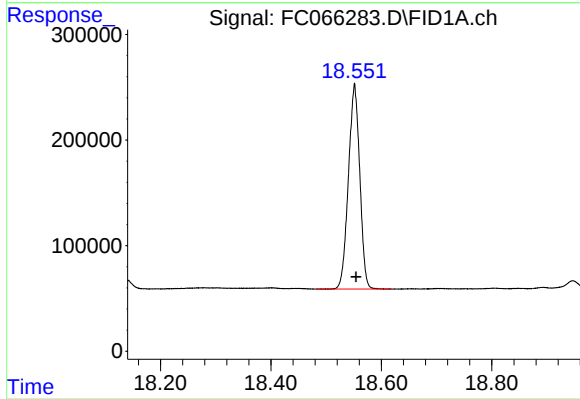
R.T.: 16.830 min
Delta R.T.: 0.000 min
Response: 2852456
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

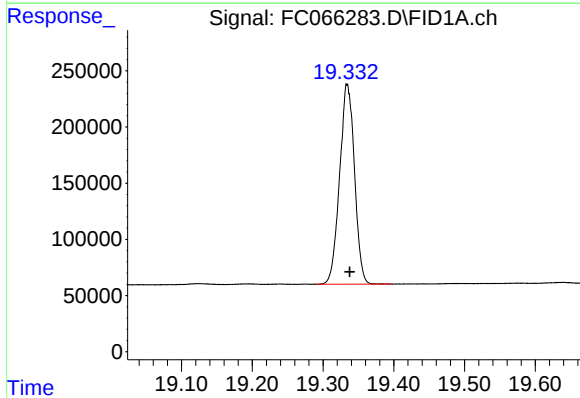
R.T.: 17.718 min
Delta R.T.: -0.002 min
Response: 2867301
Conc: 21.28 ug/ml

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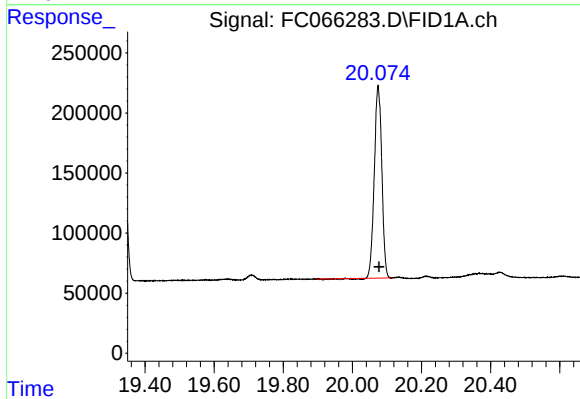
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.003 min
Response: 2769101
Conc: 21.51 ug/ml



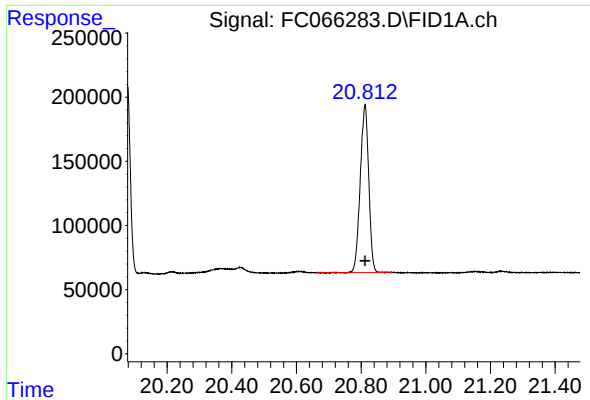
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.003 min
Response: 2599419
Conc: 21.97 ug/ml



#20 n-Hexatriacontane (C36)

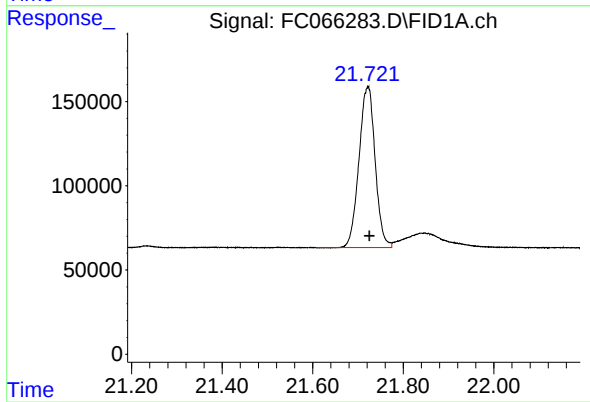
R.T.: 20.074 min
Delta R.T.: -0.003 min
Response: 2412341
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 2389087
Conc: 22.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 2370717
Conc: 22.11 ug/ml