

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050224AL\
 Data File : FC066286.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2024 13:46
 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: May 03 02:25:14 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)	11.561	3144565	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.001	2362978	19.264 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.321	2772308	18.356 ug/ml
2) T n-Decane (C10)	4.387	2847920	18.519 ug/ml
3) T A~Naphthalene (C11.7)	5.969	3159451	18.596 ug/ml
4) T n-Dodecane (C12)	6.406	2862558	18.627 ug/ml
5) T A~2-methylnaphthalene...	7.025	3069157	18.622 ug/ml
6) T n-Tetradecane (C14)	8.202	2813096	18.588 ug/ml
7) T n-Hexadecane (C16)	9.804	2888589	18.891 ug/ml
8) T n-Octadecane (C18)	11.247	2900534	19.109 ug/ml
10) T n-Eicosane (C20)	12.557	2775649	19.295 ug/ml
11) T n-Heneicosane (C21)	13.170	2725100	19.387 ug/ml
13) T n-Docosane (C22)	13.756	2713772	19.383 ug/ml
14) T n-Tetracosane (C24)	14.859	2693645	19.134 ug/ml
15) T n-Hexacosane (C26)	15.880	2606636	19.057 ug/ml
16) T n-Octacosane (C28)	16.829	2542261	18.983 ug/ml
17) T n-Tricontane (C30)	17.718	2560755	19.002 ug/ml
18) T n-Dotriacontane (C32)	18.550	2520663	19.577 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2346681	19.834 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2245136	19.532 ug/mlm
21) T n-Octatriacontane (C38)	20.810	2146629	19.944 ug/ml
22) T n-Tetracontane (C40)	21.720	2140772	19.964 ug/ml

(f)=RT Delta > 1/2 Window

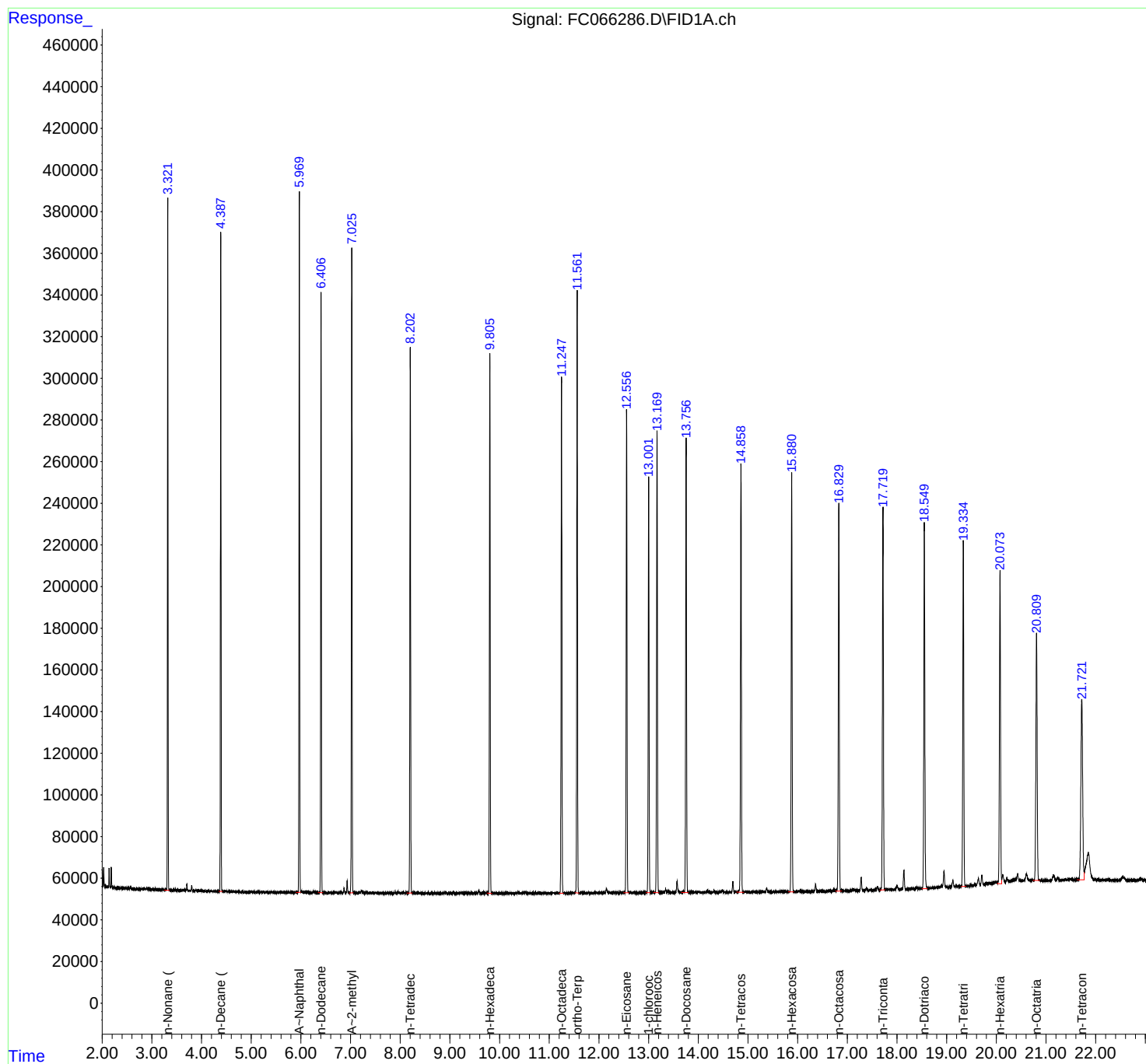
(m)=manual int.

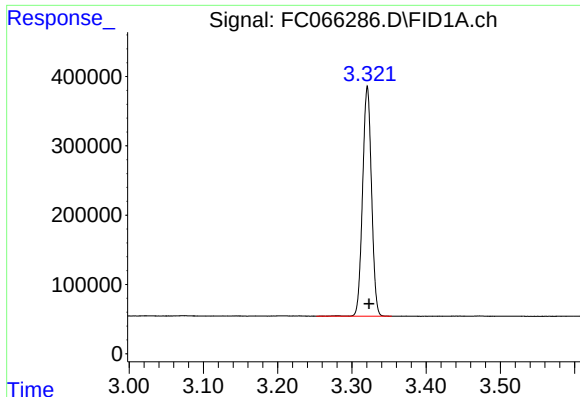
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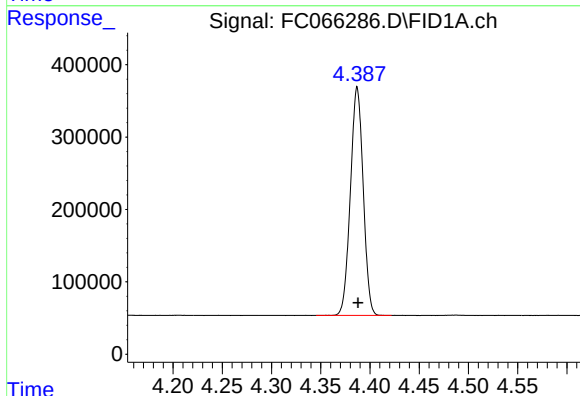




#1 n-Nonane (C9)

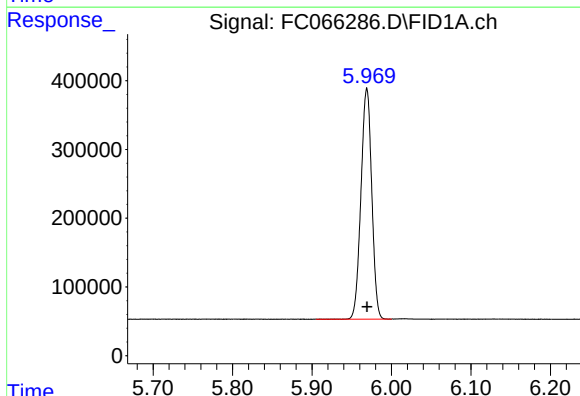
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 2772308
Conc: 18.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



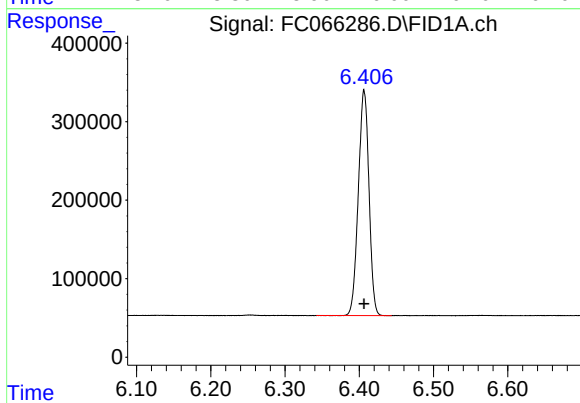
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.000 min
Response: 2847920
Conc: 18.52 ug/ml



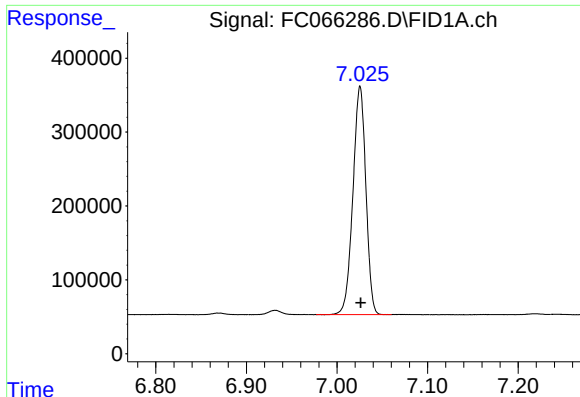
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3159451
Conc: 18.60 ug/ml



#4 n-Dodecane (C12)

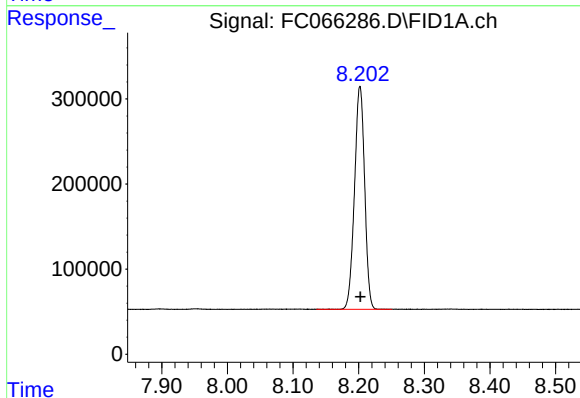
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 2862558
Conc: 18.63 ug/ml



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

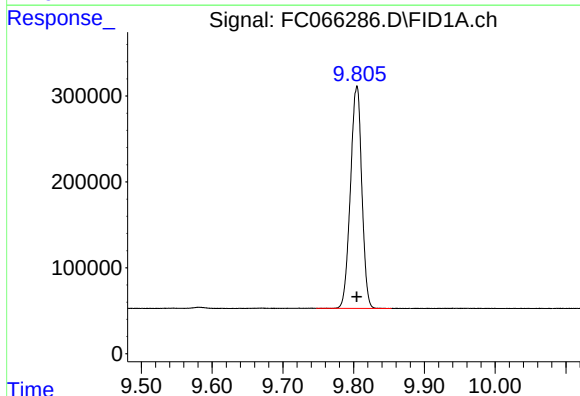
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 3069157
Conc: 18.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



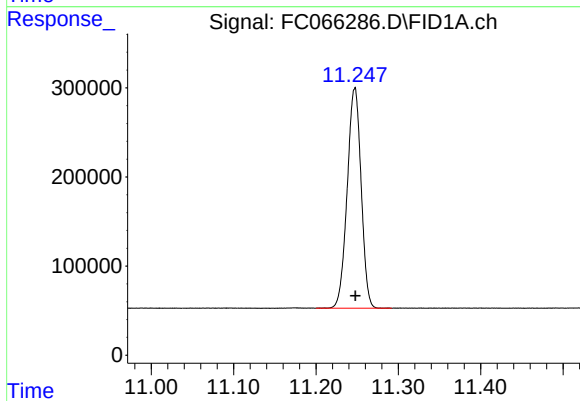
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 2813096
Conc: 18.59 ug/ml



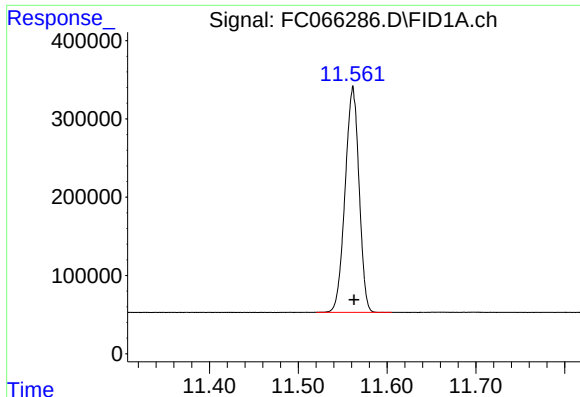
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 2888589
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

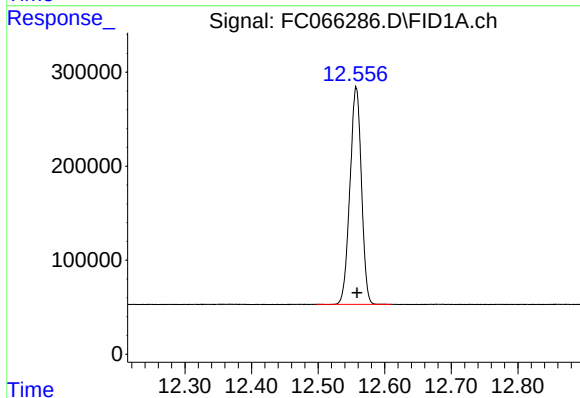
R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 2900534
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

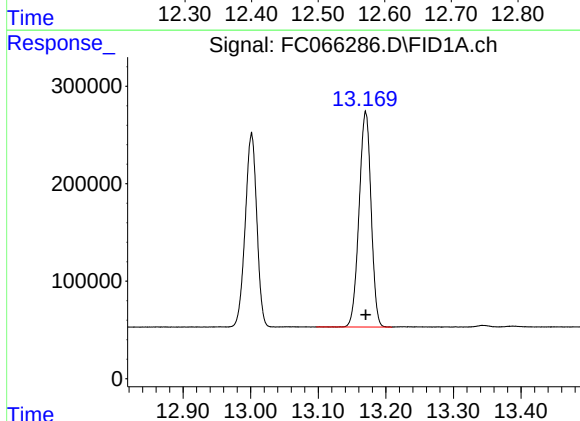
R.T.: 11.561 min
Delta R.T.: -0.001 min
Response: 3144565
Conc: 19.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



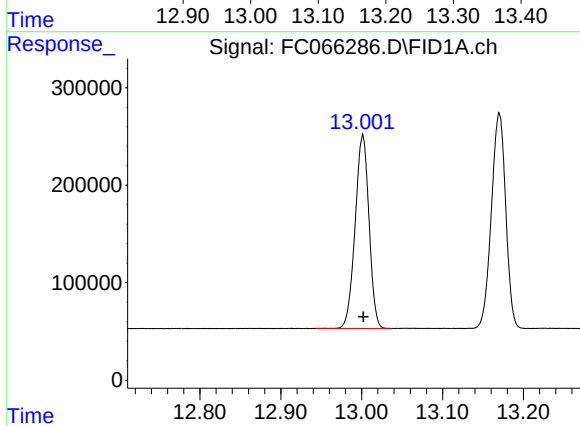
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.001 min
Response: 2775649
Conc: 19.29 ug/ml



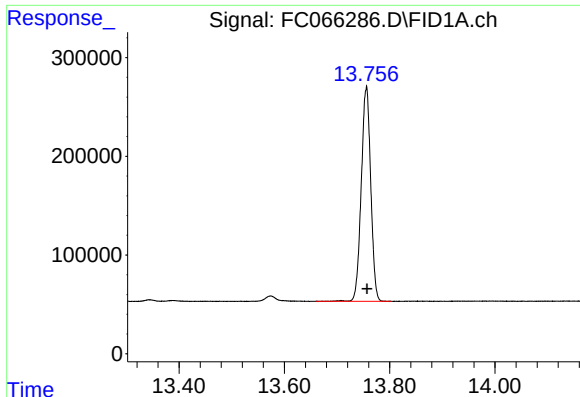
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2725100
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

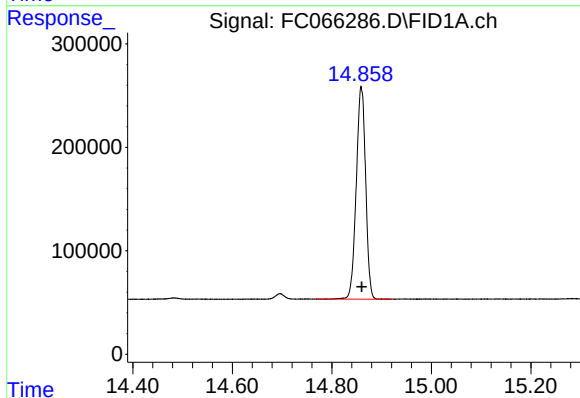
R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 2362978
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

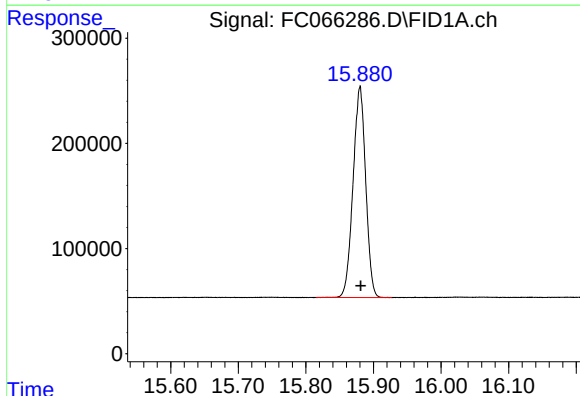
R.T.: 13.756 min
Delta R.T.: -0.001 min
Response: 2713772
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



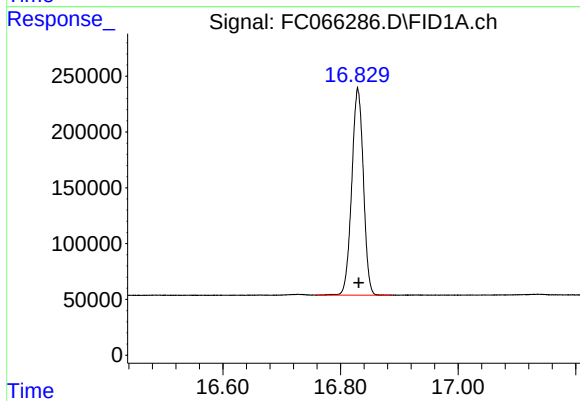
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 2693645
Conc: 19.13 ug/ml



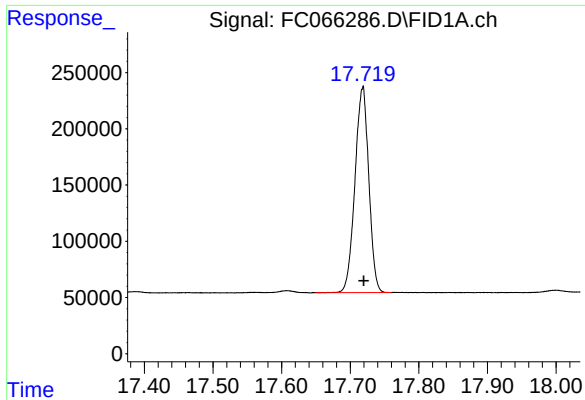
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.001 min
Response: 2606636
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

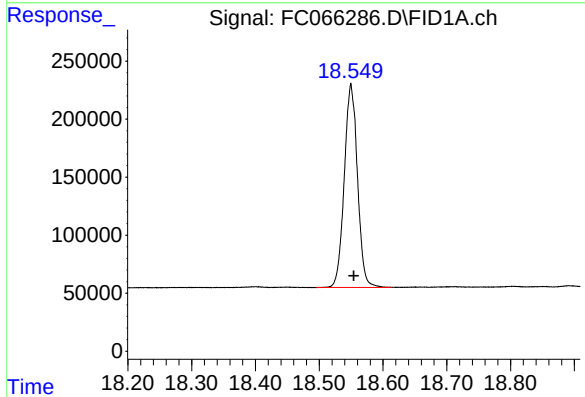
R.T.: 16.829 min
Delta R.T.: -0.002 min
Response: 2542261
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

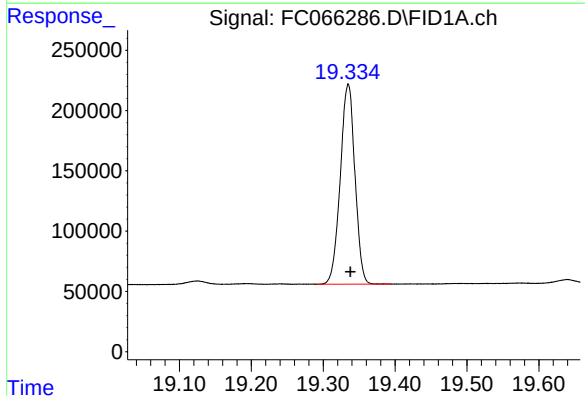
R.T.: 17.718 min
Delta R.T.: -0.002 min
Response: 2560755
Conc: 19.00 ug/ml

Instrument :
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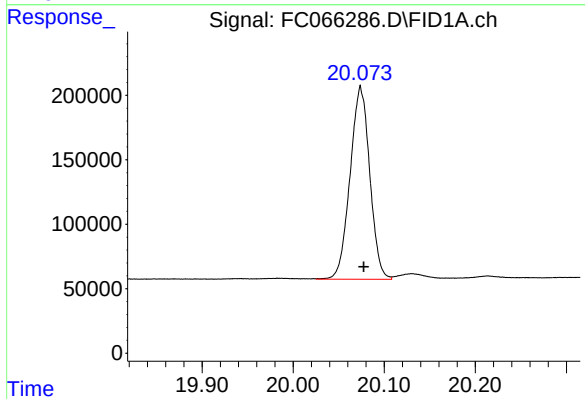
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.004 min
Response: 2520663
Conc: 19.58 ug/ml



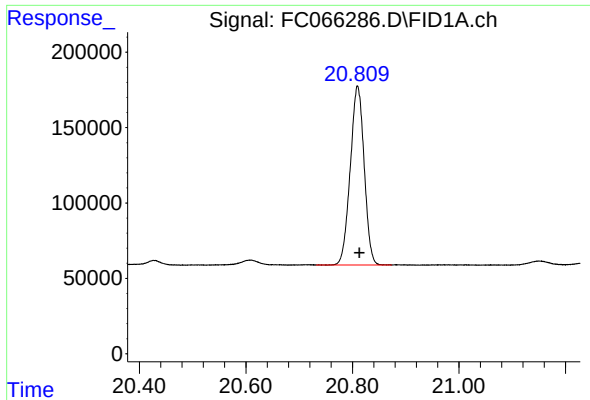
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.003 min
Response: 2346681
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

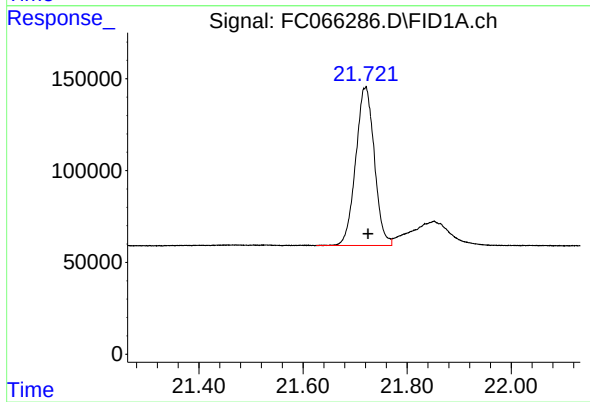
R.T.: 20.073 min
Delta R.T.: -0.004 min
Response: 2245136
Conc: 19.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.003 min
Response: 2146629
Conc: 19.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.005 min
Response: 2140772
Conc: 19.96 ug/ml