

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112123AL\
 Data File : FC065257.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 09:23
 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: Nov 21 22:49:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.505	4473071	20.324 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	12.935	3226322	20.409 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.305	3807221	20.137 ug/ml
2) T n-Decane (C10)	4.365	3860145	20.301 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3892229	20.159 ug/ml
4) T n-Dodecane (C12)	6.375	3920921	20.297 ug/ml
5) T A~2-methylnaphthalene...	7.000	3824405	20.812 ug/ml
6) T n-Tetradecane (C14)	8.163	3841103	20.357 ug/ml
7) T n-Hexadecane (C16)	9.756	3867274	20.459 ug/ml
8) T n-Octadecane (C18)	11.191	3854835	20.425 ug/ml
10) T n-Eicosane (C20)	12.493	3665100	20.386 ug/ml
11) T n-Heneicosane (C21)	13.102	3571904	20.345 ug/ml
13) T n-Docosane (C22)	13.684	3497565	20.362 ug/ml
14) T n-Tetracosane (C24)	14.782	3364735	20.202 ug/ml
15) T n-Hexacosane (C26)	15.797	3226097	20.099 ug/ml
16) T n-Octacosane (C28)	16.744	3076113	19.656 ug/ml
17) T n-Tricontane (C30)	17.627	3183548	20.099 ug/ml
18) T n-Dotriacontane (C32)	18.454	3162799	20.031 ug/ml
19) T n-Tetratriacontane (C34)	19.235	3064402	20.076 ug/ml
20) T n-Hexatriacontane (C36)	19.971	2999604	19.881 ug/ml
21) T n-Octatriacontane (C38)	20.688	2923175	19.643 ug/ml
22) T n-Tetracontane (C40)	21.564	2895387	19.686 ug/ml

(f)=RT Delta > 1/2 Window

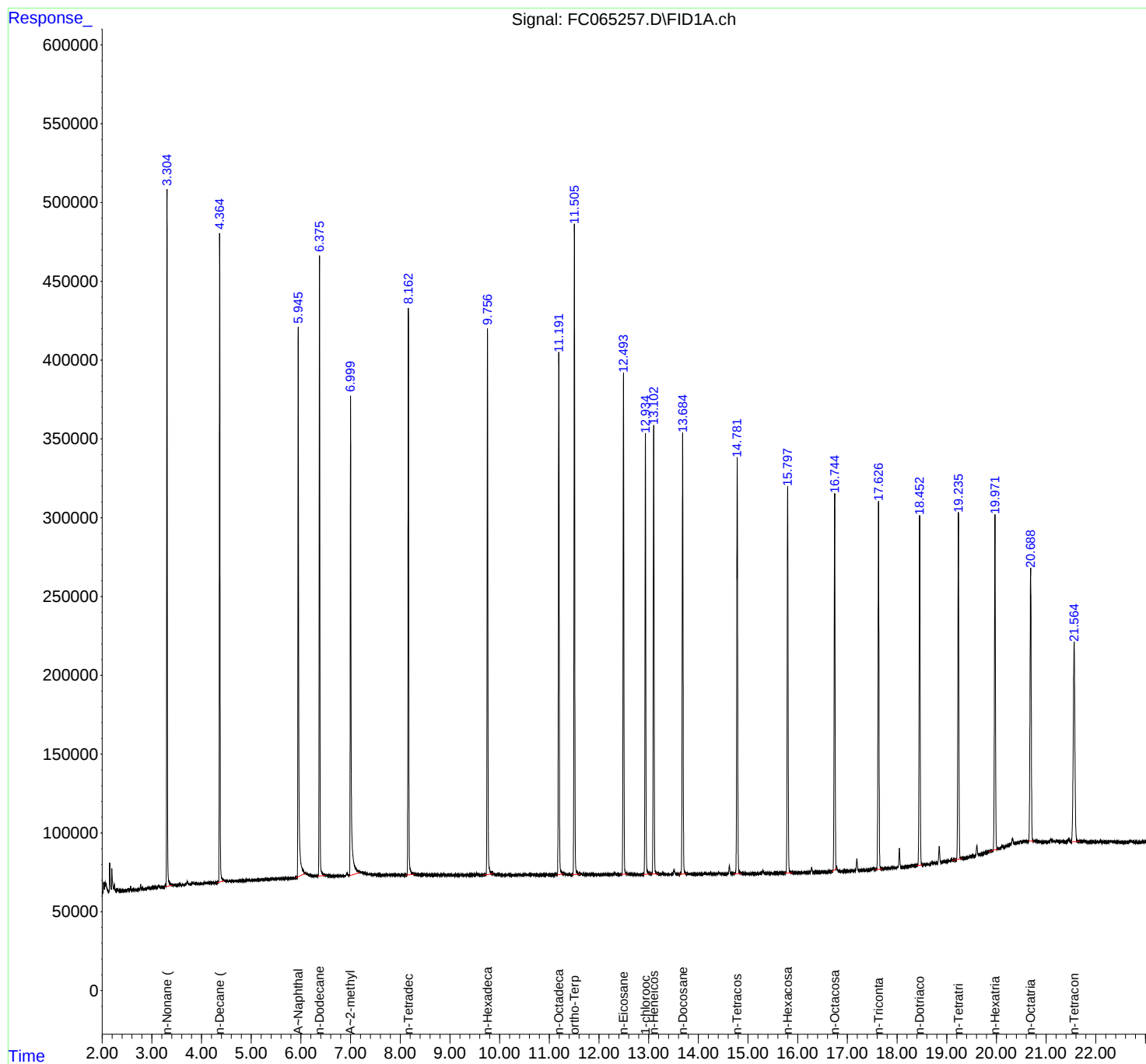
(m)=manual int.

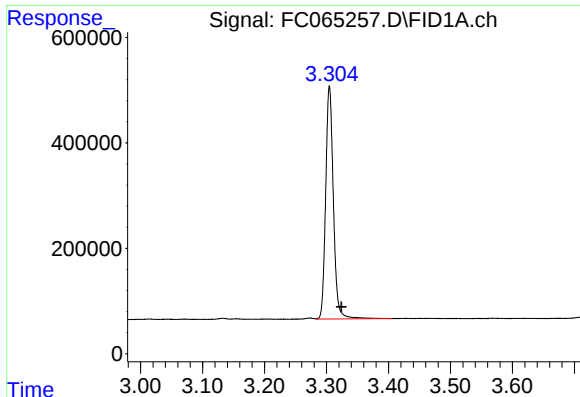
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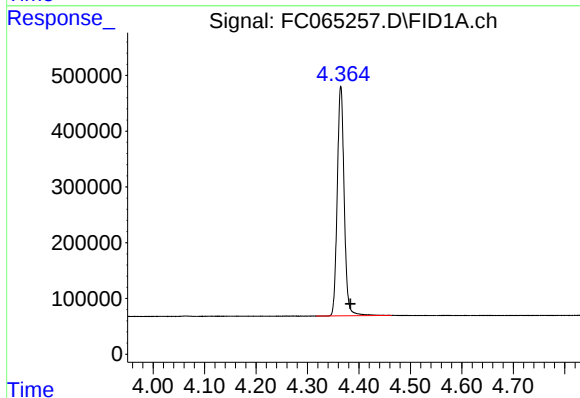




#1 n-Nonane (C9)

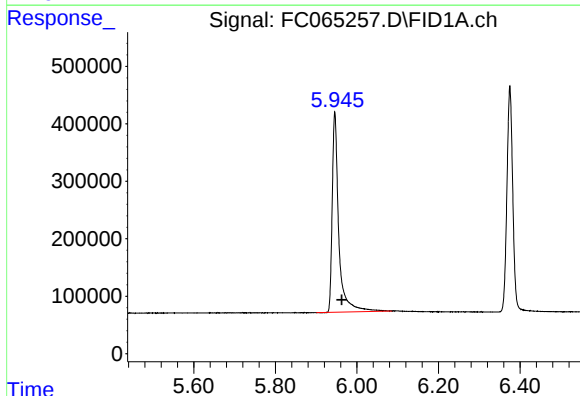
R.T.: 3.305 min
Delta R.T.: -0.019 min
Response: 3807221
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



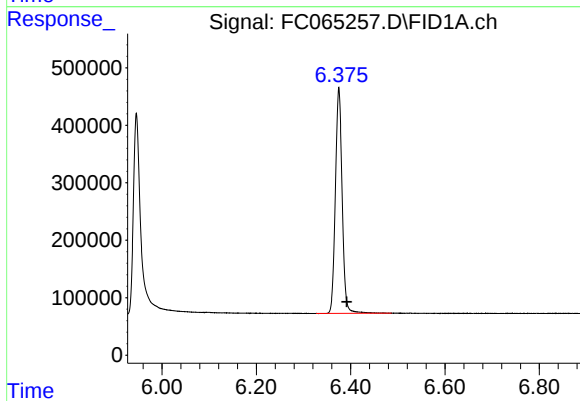
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.018 min
Response: 3860145
Conc: 20.30 ug/ml



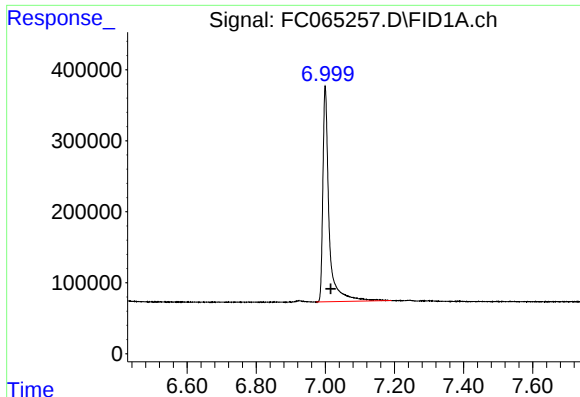
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.017 min
Response: 3892229
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

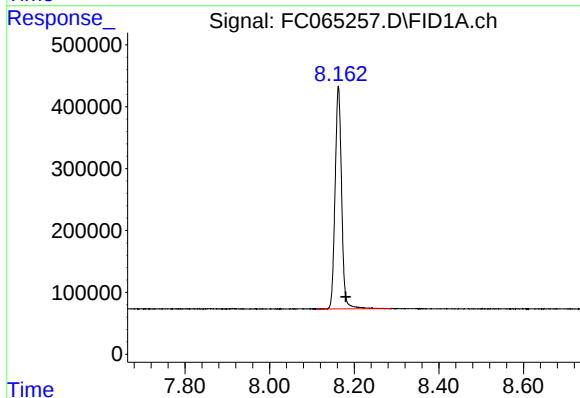
R.T.: 6.375 min
Delta R.T.: -0.017 min
Response: 3920921
Conc: 20.30 ug/ml



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

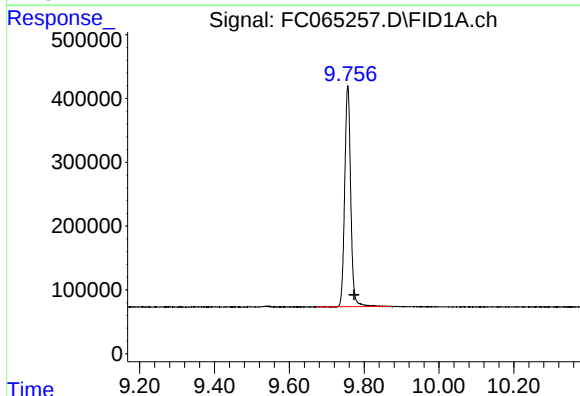
R.T.: 7.000 min
Delta R.T.: -0.016 min
Response: 3824405
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



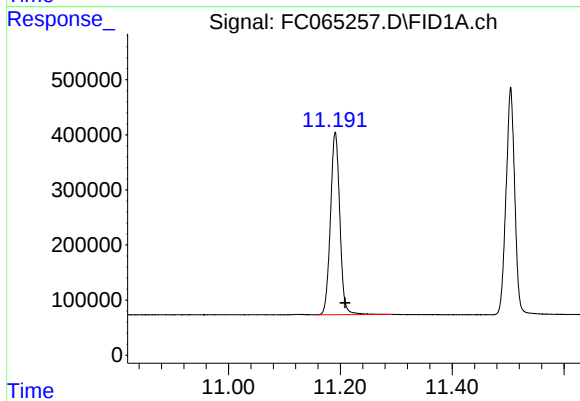
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.017 min
Response: 3841103
Conc: 20.36 ug/ml



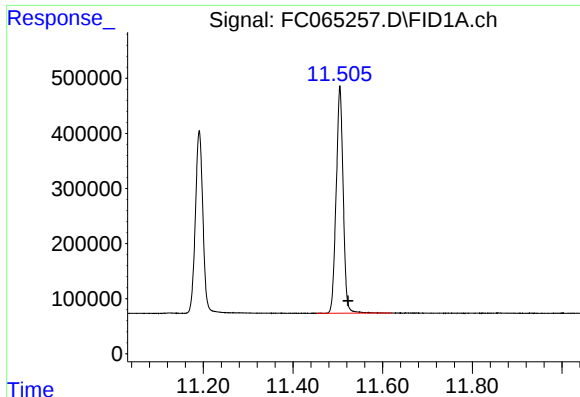
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: -0.017 min
Response: 3867274
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

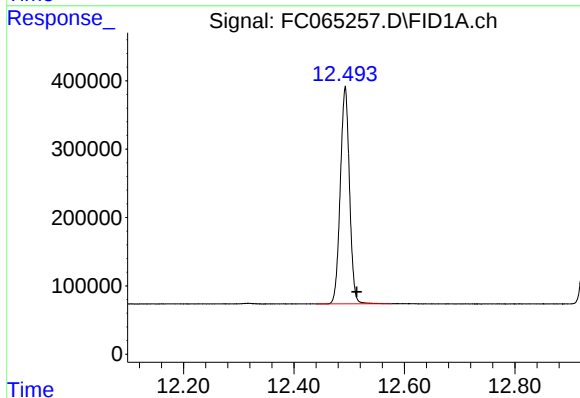
R.T.: 11.191 min
Delta R.T.: -0.018 min
Response: 3854835
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

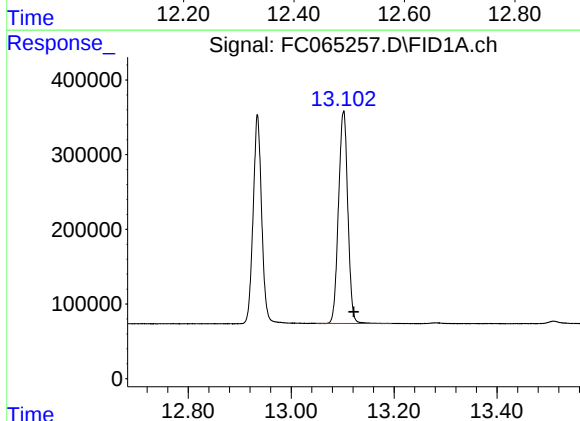
R.T.: 11.505 min
Delta R.T.: -0.018 min
Response: 4473071
Conc: 20.32 ug/ml

Instrument :
FID_C
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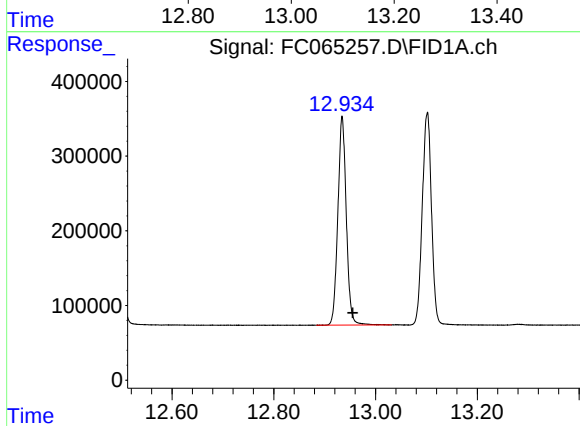
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: -0.021 min
Response: 3665100
Conc: 20.39 ug/ml



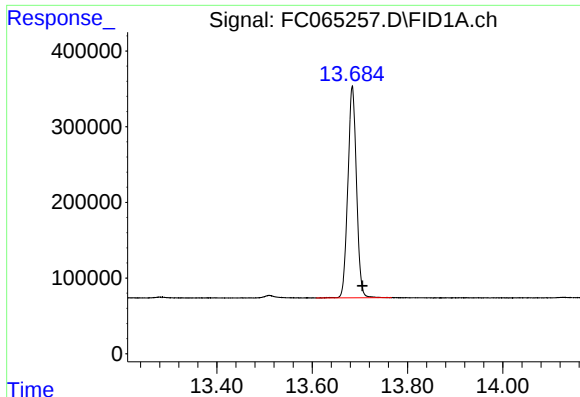
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: -0.020 min
Response: 3571904
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

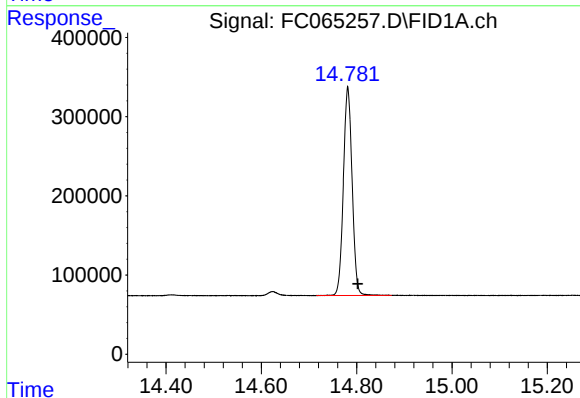
R.T.: 12.935 min
Delta R.T.: -0.020 min
Response: 3226322
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

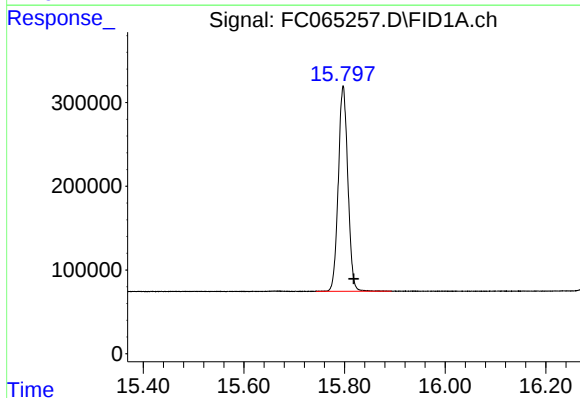
R.T.: 13.684 min
Delta R.T.: -0.021 min
Response: 3497565
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



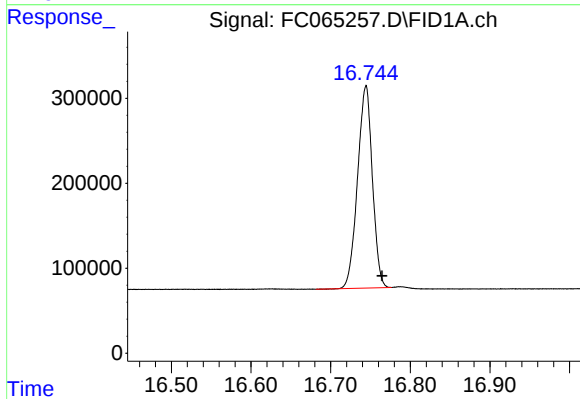
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.021 min
Response: 3364735
Conc: 20.20 ug/ml



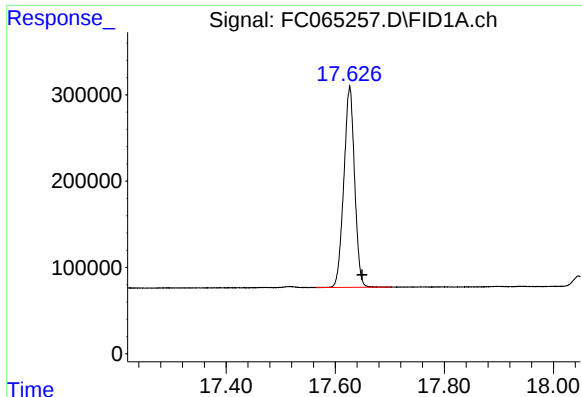
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.021 min
Response: 3226097
Conc: 20.10 ug/ml



#16 n-Octacosane (C28)

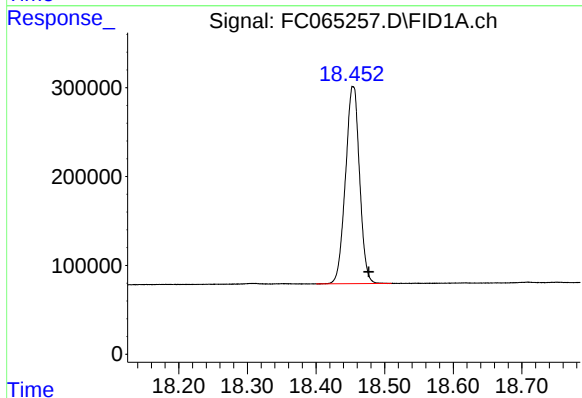
R.T.: 16.744 min
Delta R.T.: -0.020 min
Response: 3076113
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

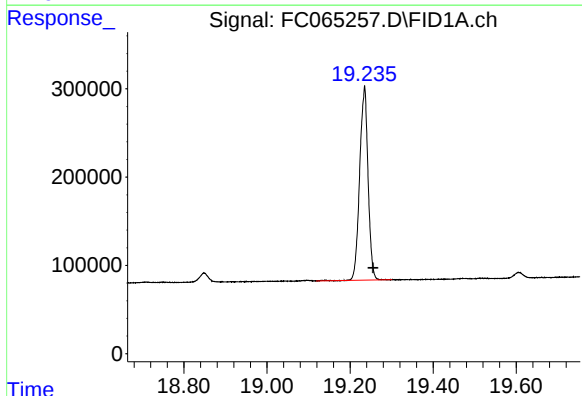
R.T.: 17.627 min
Delta R.T.: -0.023 min
Response: 3183548
Conc: 20.10 ug/ml

Instrument :
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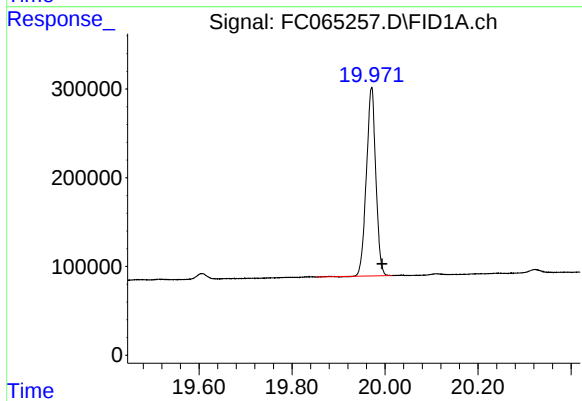
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.023 min
Response: 3162799
Conc: 20.03 ug/ml



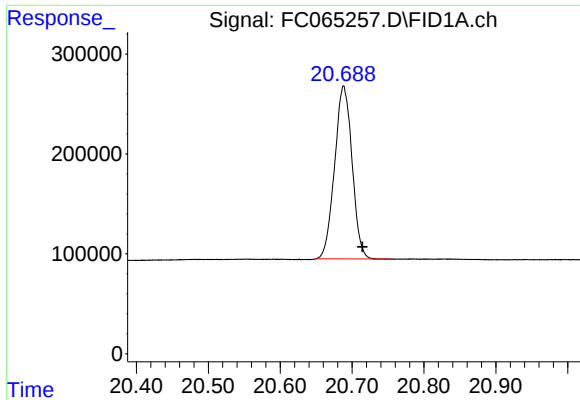
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.021 min
Response: 3064402
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

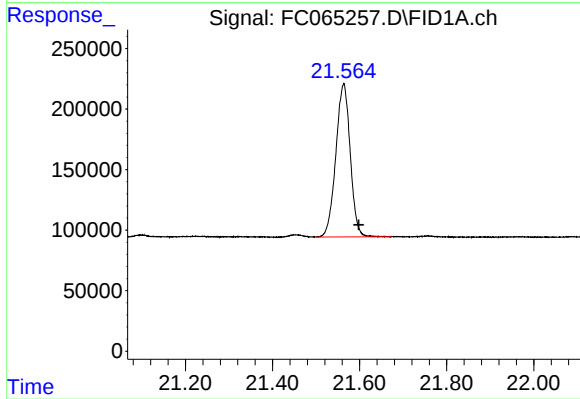
R.T.: 19.971 min
Delta R.T.: -0.022 min
Response: 2999604
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: -0.026 min
Response: 2923175
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.564 min
Delta R.T.: -0.034 min
Response: 2895387
Conc: 19.69 ug/ml