

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121123AL\
 Data File : FC065385.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2023 21:54
 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: Dec 11 23:42:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 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)	11.504	4512959	19.452 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	12.935	3285256	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.301	3744226	18.699 ug/ml
2) T n-Decane (C10)	4.361	3928525	19.546 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3944591	19.429 ug/ml
4) T n-Dodecane (C12)	6.373	4010176	19.720 ug/ml
5) T A~2-methylnaphthalene...	6.997	3921111	20.174 ug/ml
6) T n-Tetradecane (C14)	8.161	3936488	19.808 ug/ml
7) T n-Hexadecane (C16)	9.755	3955948	19.970 ug/ml
8) T n-Octadecane (C18)	11.190	3932502	19.855 ug/ml
10) T n-Eicosane (C20)	12.493	3748892	19.811 ug/ml
11) T n-Heneicosane (C21)	13.103	3632362	19.659 ug/ml
13) T n-Docosane (C22)	13.685	3629756	20.119 ug/ml
14) T n-Tetracosane (C24)	14.782	3616457	20.859 ug/ml
15) T n-Hexacosane (C26)	15.799	3574016	21.464 ug/ml
16) T n-Octacosane (C28)	16.745	3603118	22.528 ug/ml
17) T n-Tricontane (C30)	17.627	3750657	23.555 ug/ml
18) T n-Dotriacontane (C32)	18.458	3712806	23.618 ug/ml
19) T n-Tetratriacontane (C34)	19.235	3448630	22.347 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3231463	21.081 ug/ml
21) T n-Octatriacontane (C38)	20.692	3108228	20.441 ug/ml
22) T n-Tetracontane (C40)	21.568	3034265	20.241 ug/ml

(f)=RT Delta > 1/2 Window

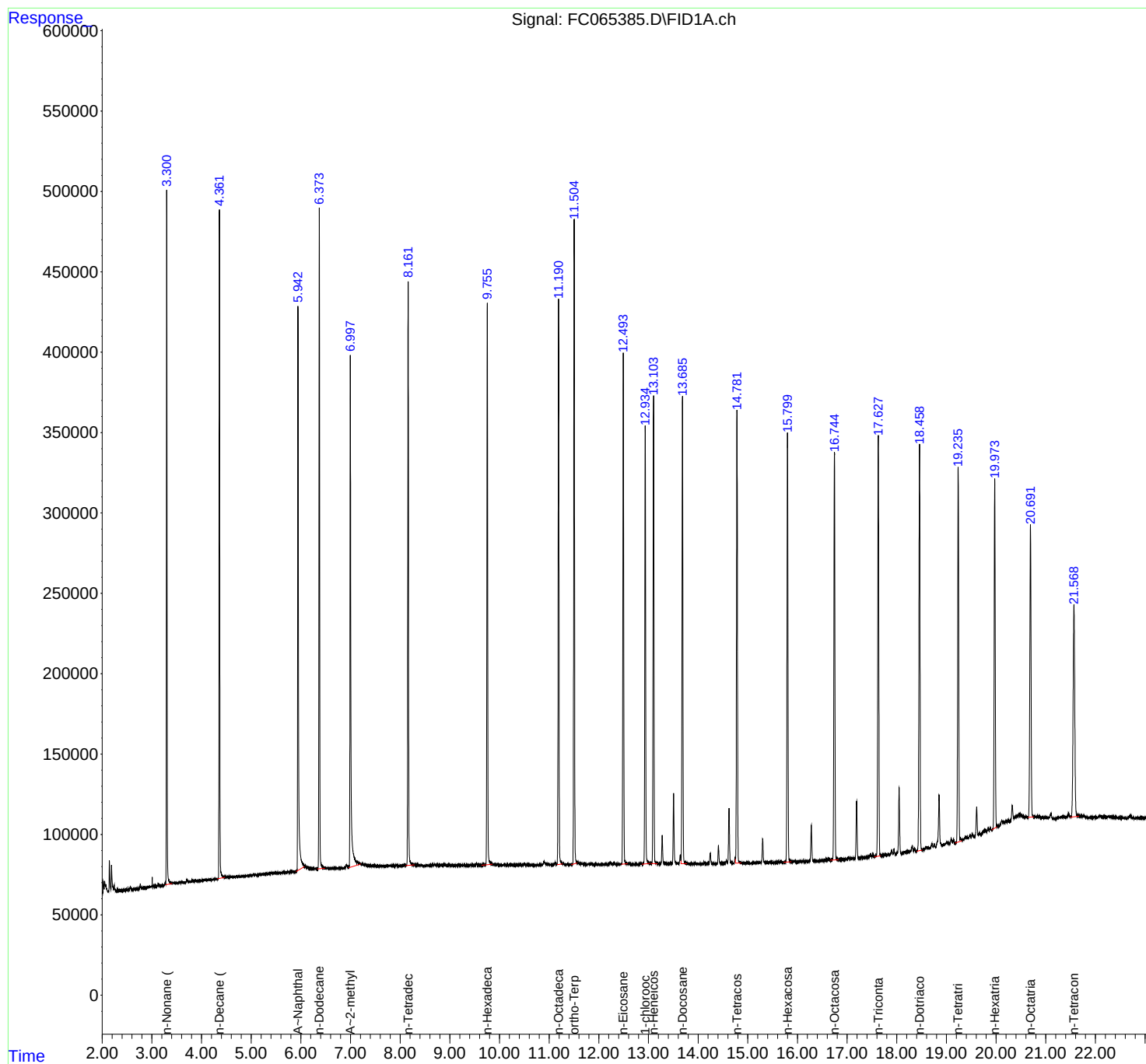
(m)=manual int.

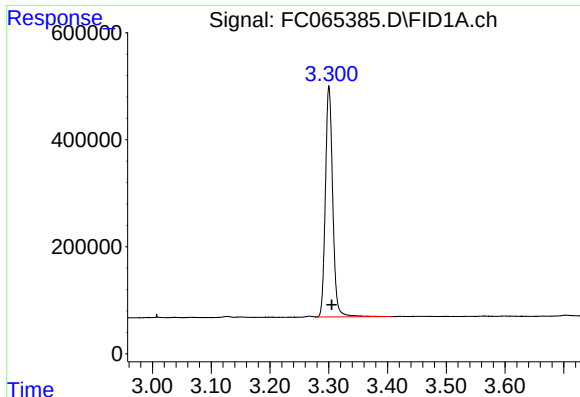
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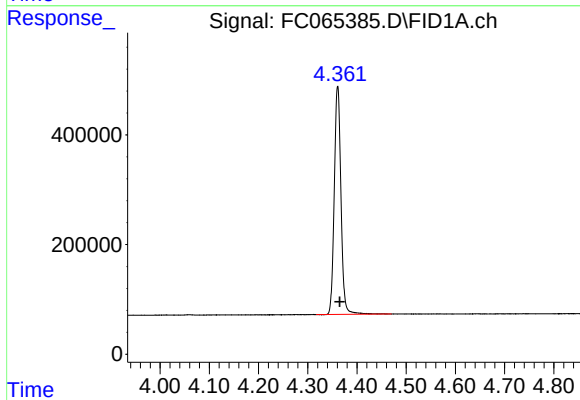




#1 n-Nonane (C9)

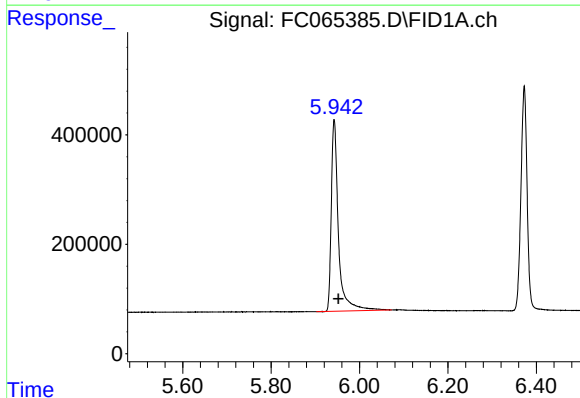
R.T.: 3.301 min
Delta R.T.: -0.005 min
Response: 3744226
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



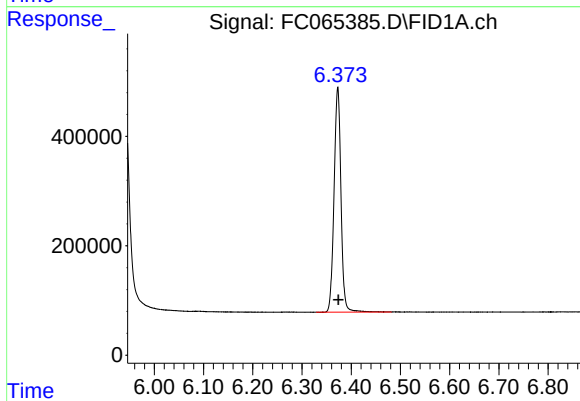
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 3928525
Conc: 19.55 ug/ml



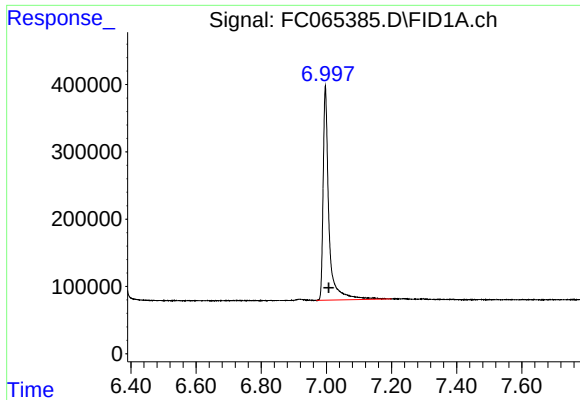
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3944591
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

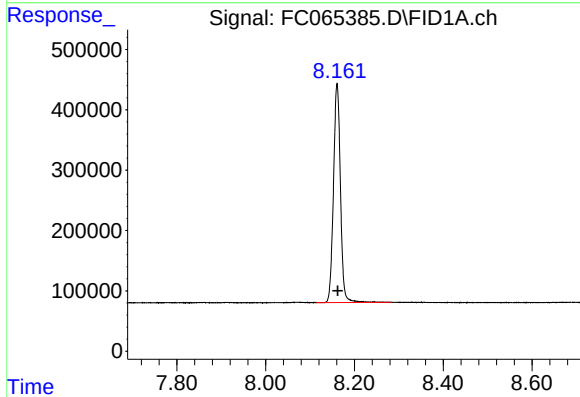
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 4010176
Conc: 19.72 ug/ml



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

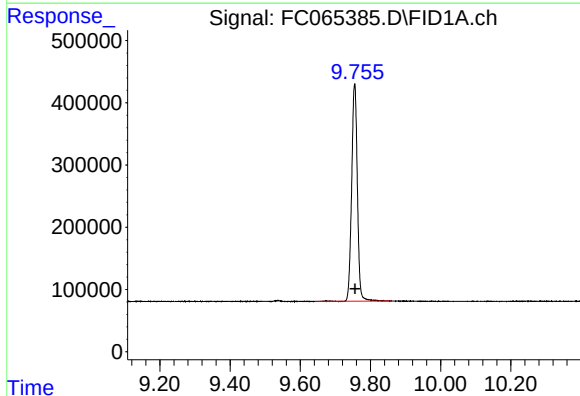
R.T.: 6.997 min
Delta R.T.: -0.010 min
Response: 3921111
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



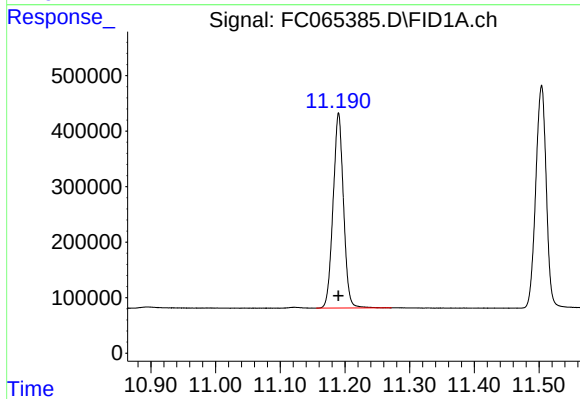
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.001 min
Response: 3936488
Conc: 19.81 ug/ml



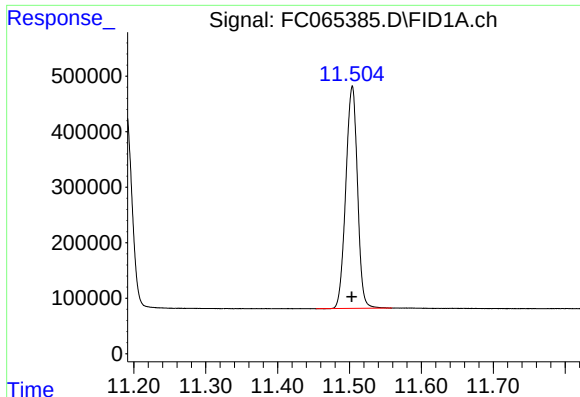
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 3955948
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

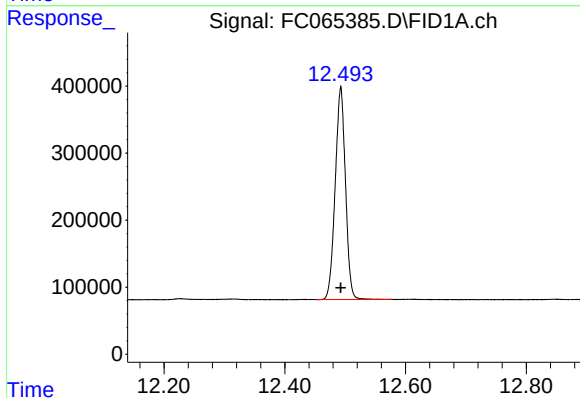
R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 3932502
Conc: 19.85 ug/ml



#9 ortho-Terphenyl (SURR)

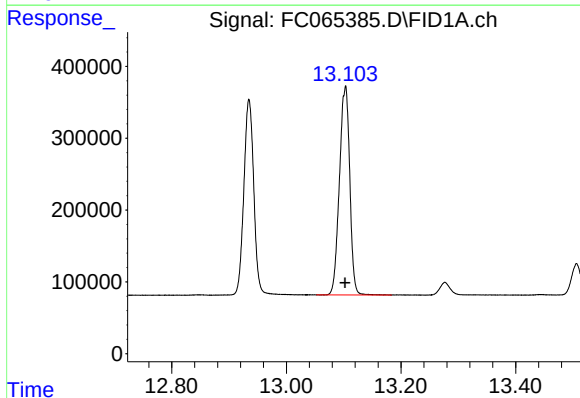
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 4512959
Conc: 19.45 ug/ml

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FID_C
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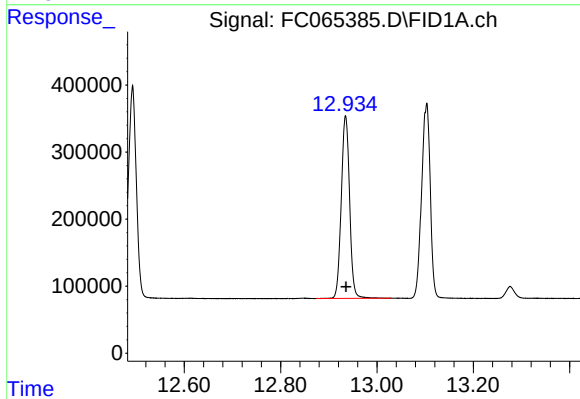
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 3748892
Conc: 19.81 ug/ml



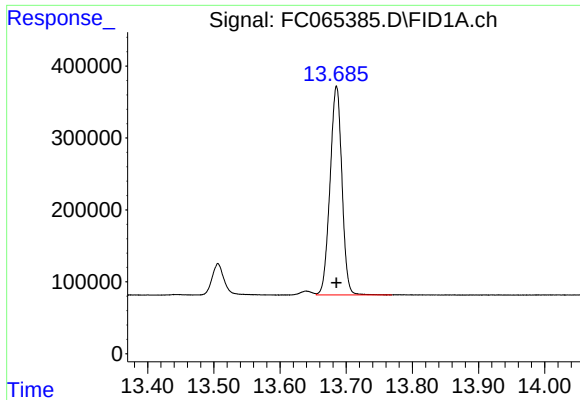
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.001 min
Response: 3632362
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

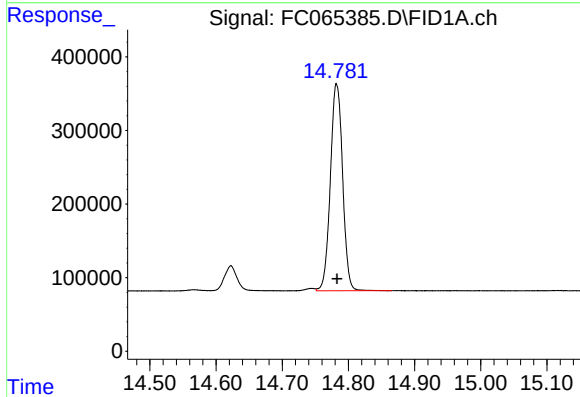
R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 3285256
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

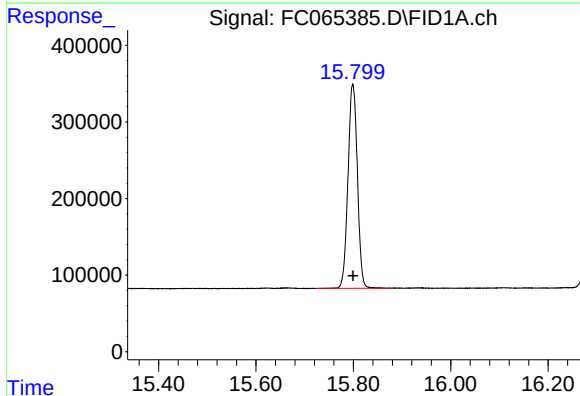
R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 3629756
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



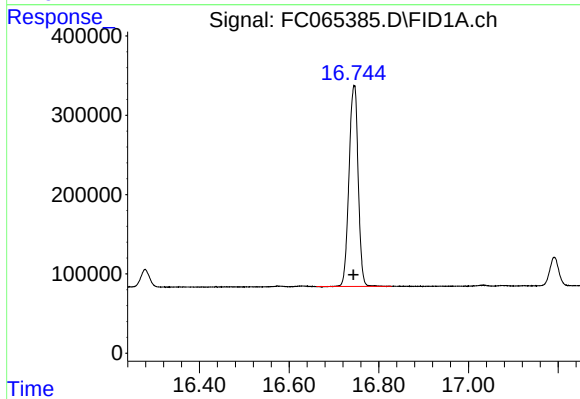
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: 0.000 min
Response: 3616457
Conc: 20.86 ug/ml



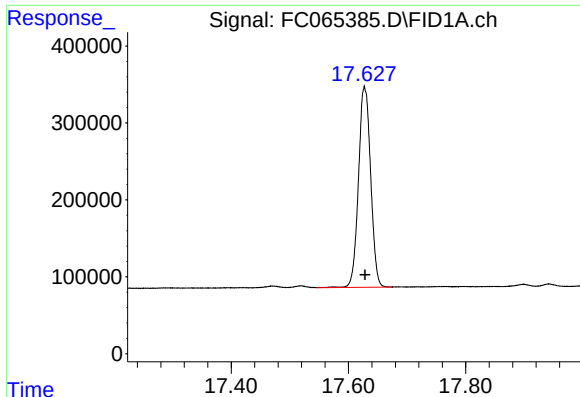
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: 0.000 min
Response: 3574016
Conc: 21.46 ug/ml



#16 n-Octacosane (C28)

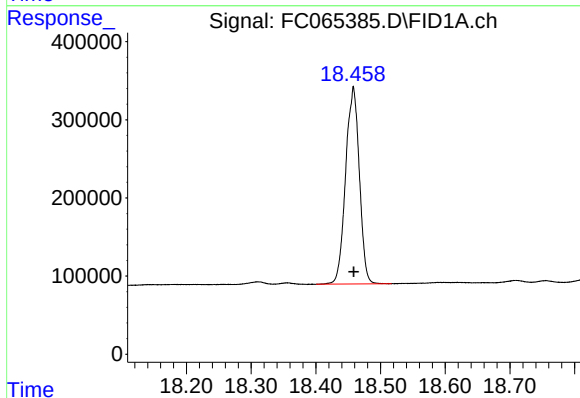
R.T.: 16.745 min
Delta R.T.: 0.002 min
Response: 3603118
Conc: 22.53 ug/ml



#17 n-Tricontane (C30)

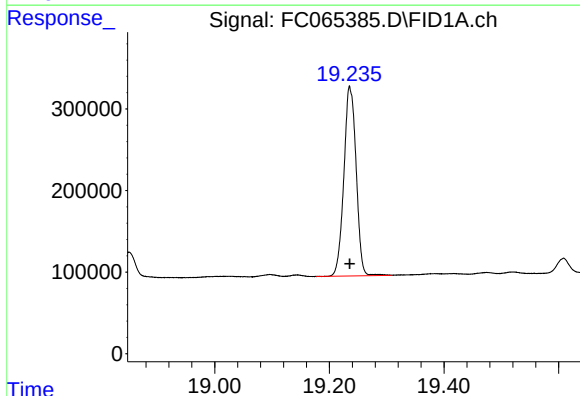
R.T.: 17.627 min
Delta R.T.: 0.000 min
Response: 3750657
Conc: 23.55 ug/ml

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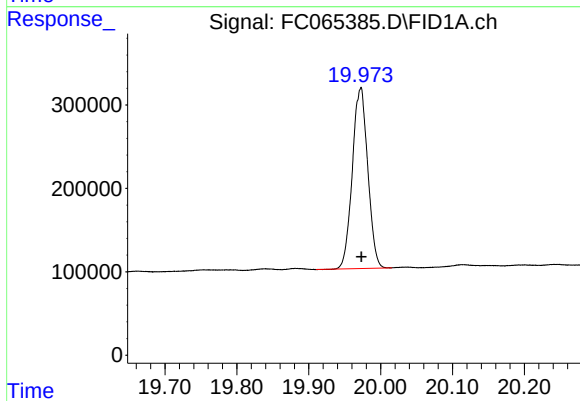
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 3712806
Conc: 23.62 ug/ml



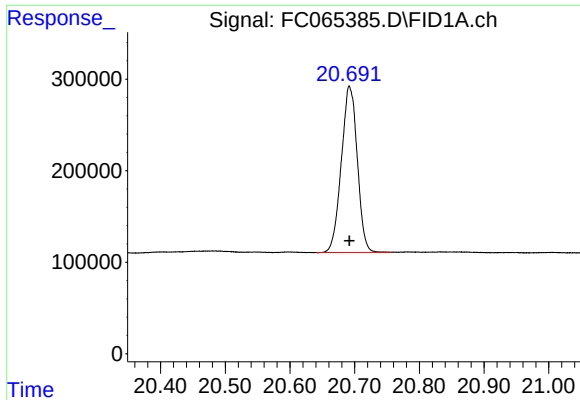
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 3448630
Conc: 22.35 ug/ml



#20 n-Hexatriacontane (C36)

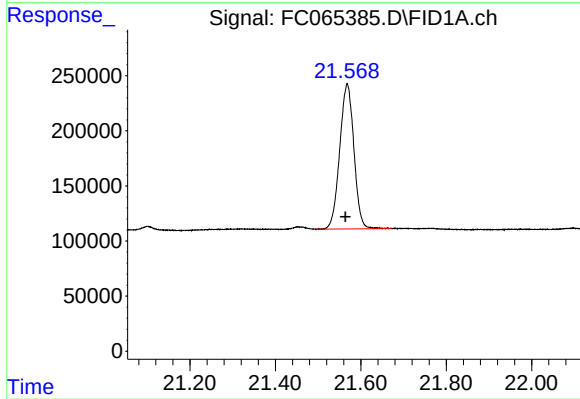
R.T.: 19.972 min
Delta R.T.: -0.002 min
Response: 3231463
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.000 min
Response: 3108228
Conc: 20.44 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: 0.004 min
Response: 3034265
Conc: 20.24 ug/ml