

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120723AL\
 Data File : FC065365.D
 Signal(s) : FID1A.ch
 Acq On : 07 Dec 2023 21:19
 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 07 23:29:21 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)	11.505	4344266	18.725 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	12.937	3141687	18.973 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.303	3501774	17.488 ug/ml
2) T n-Decane (C10)	4.363	3638367	18.102 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3681383	18.132 ug/ml
4) T n-Dodecane (C12)	6.374	3714256	18.265 ug/ml
5) T A~2-methylnaphthalene...	6.998	3639431	18.725 ug/ml
6) T n-Tetradecane (C14)	8.162	3669656	18.465 ug/ml
7) T n-Hexadecane (C16)	9.757	3697531	18.666 ug/ml
8) T n-Octadecane (C18)	11.192	3742033	18.893 ug/ml
10) T n-Eicosane (C20)	12.495	3579648	18.916 ug/ml
11) T n-Heneicosane (C21)	13.103	3485305	18.863 ug/ml
13) T n-Docosane (C22)	13.687	3489553	19.342 ug/ml
14) T n-Tetracosane (C24)	14.785	3476528	20.052 ug/ml
15) T n-Hexacosane (C26)	15.802	3433856	20.622 ug/ml
16) T n-Octacosane (C28)	16.747	3438531	21.499 ug/ml
17) T n-Tricontane (C30)	17.631	3544613	22.261 ug/ml
18) T n-Dotriacontane (C32)	18.460	3498447	22.254 ug/ml
19) T n-Tetratriacontane (C34)	19.240	3208005	20.788 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3059160	19.957 ug/ml
21) T n-Octatriacontane (C38)	20.694	3014347	19.823 ug/ml
22) T n-Tetracontane (C40)	21.571	2938461	19.602 ug/ml

(f)=RT Delta > 1/2 Window

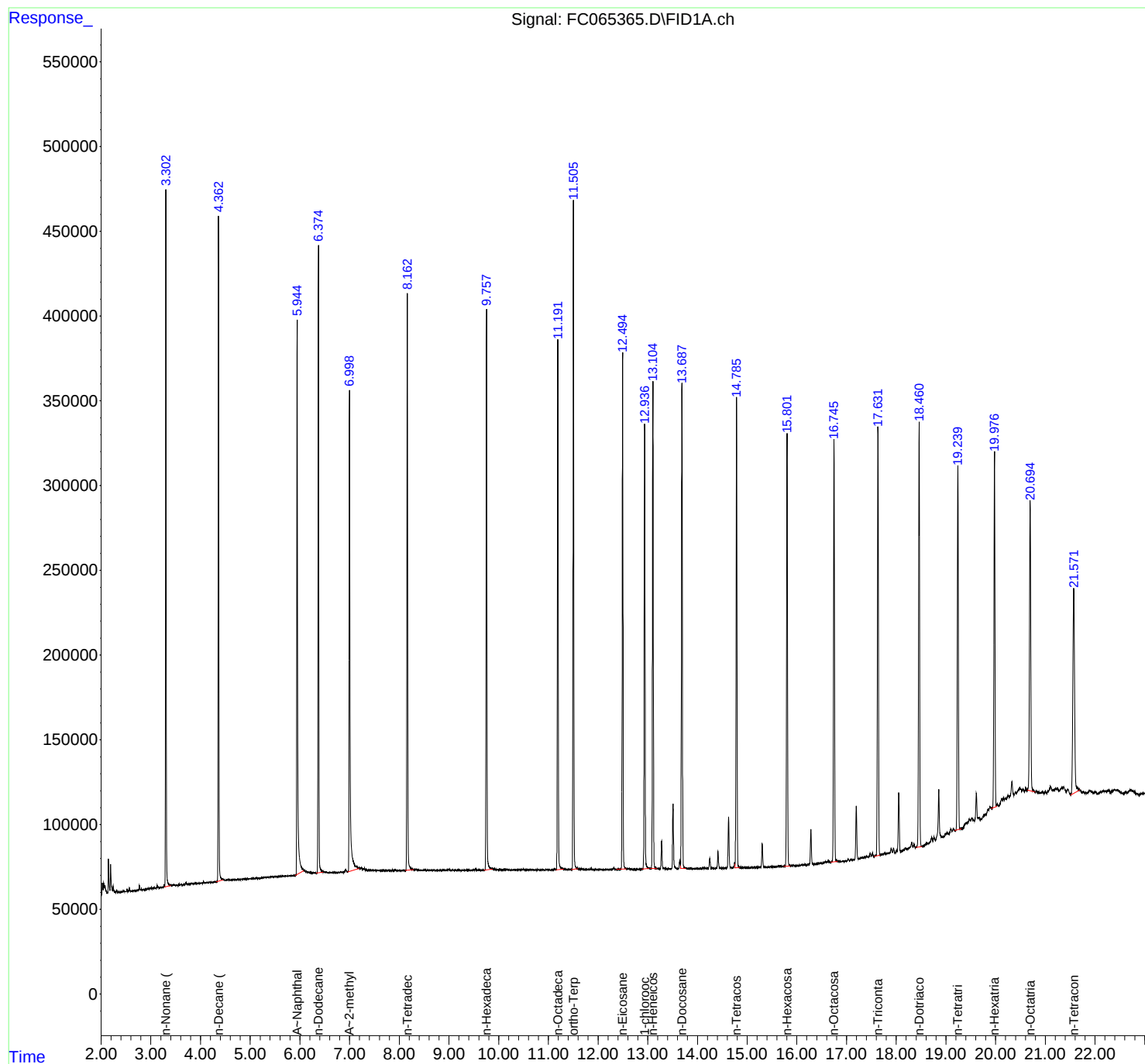
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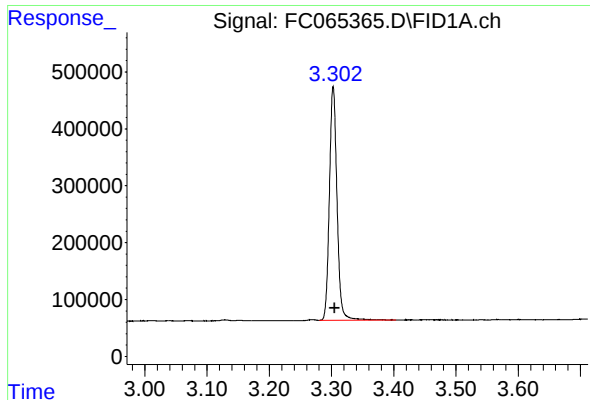
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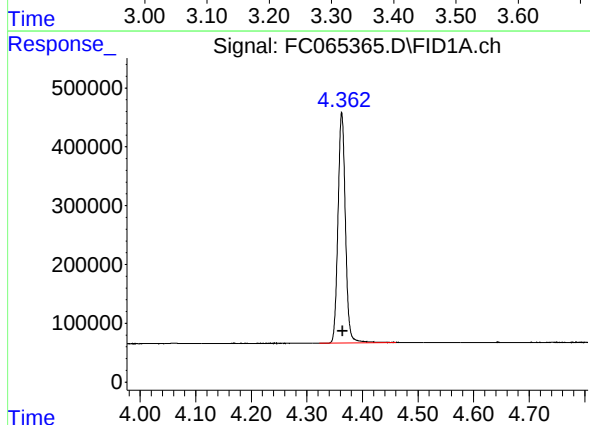




#1 n-Nonane (C9)

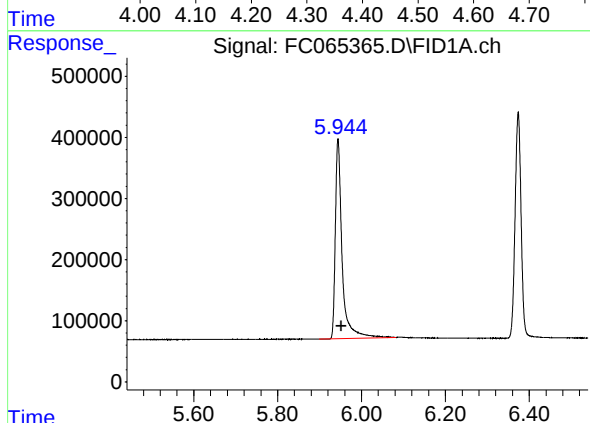
R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 3501774
Conc: 17.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



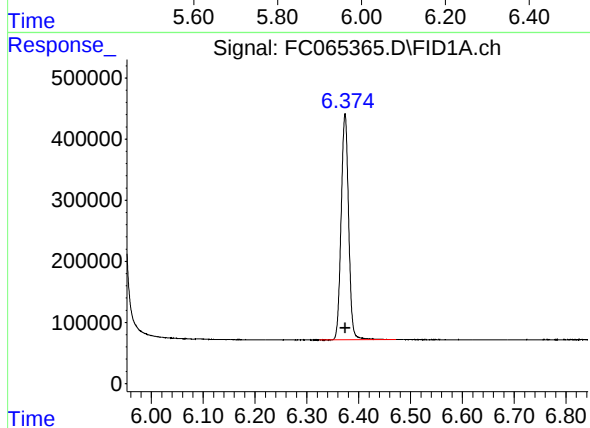
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 3638367
Conc: 18.10 ug/ml



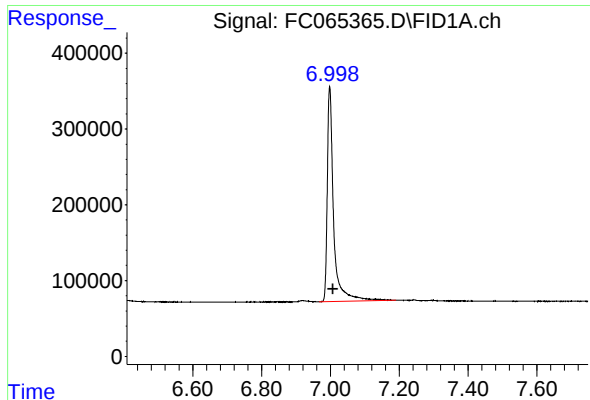
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 3681383
Conc: 18.13 ug/ml



#4 n-Dodecane (C12)

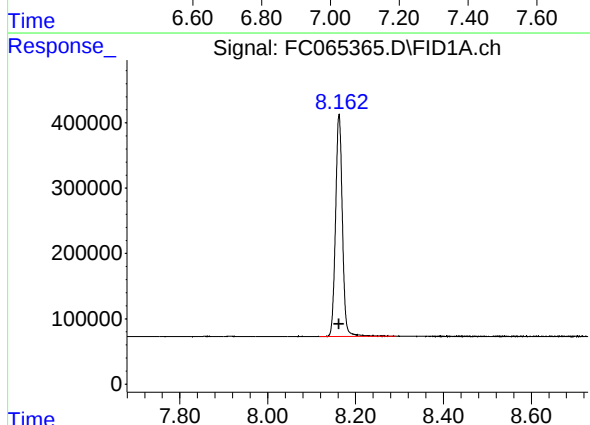
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 3714256
Conc: 18.26 ug/ml



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

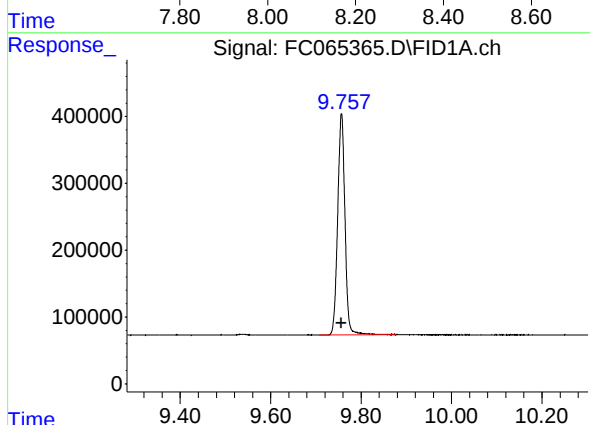
R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 3639431
Conc: 18.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



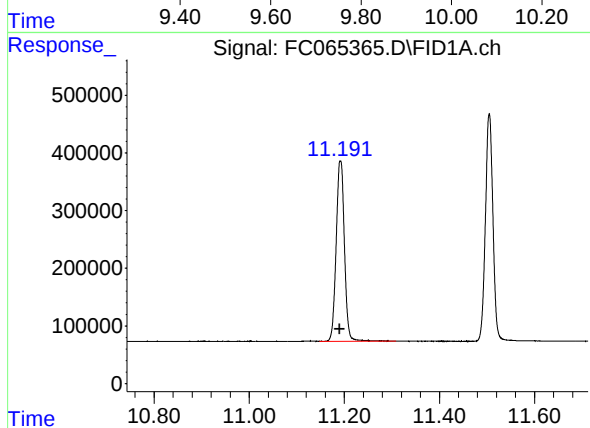
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 3669656
Conc: 18.47 ug/ml



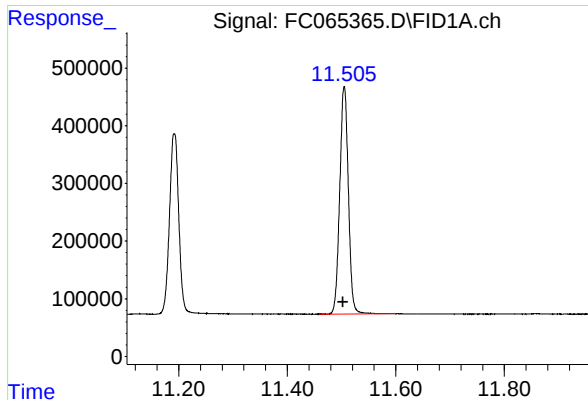
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 3697531
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

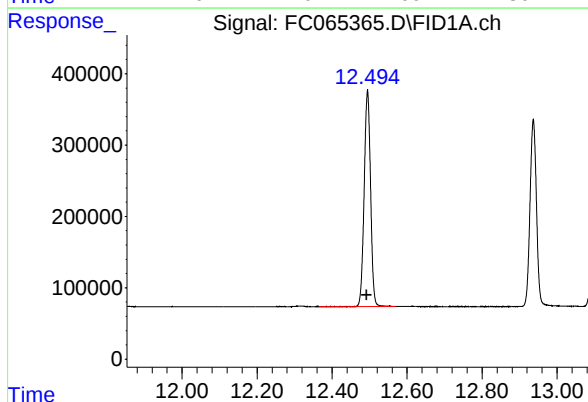
R.T.: 11.192 min
Delta R.T.: 0.002 min
Response: 3742033
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

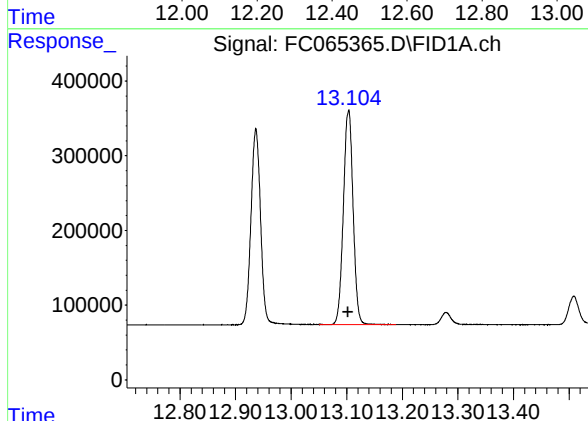
R.T.: 11.505 min
Delta R.T.: 0.002 min
Response: 4344266
Conc: 18.73 ug/ml

Instrument :
FID_C
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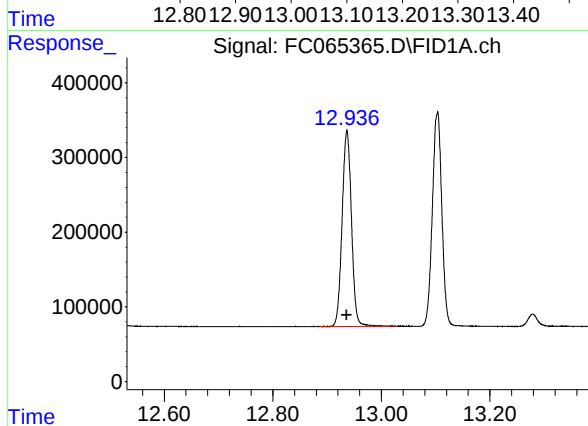
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.002 min
Response: 3579648
Conc: 18.92 ug/ml



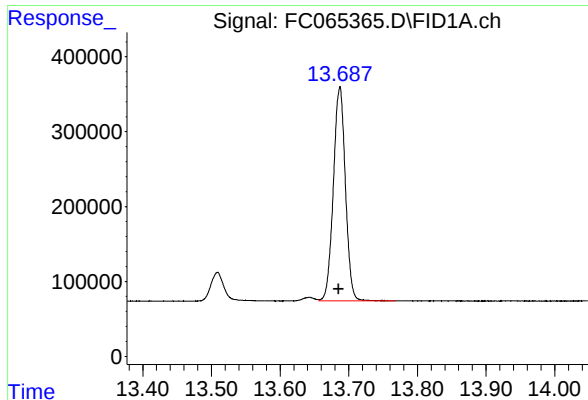
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.001 min
Response: 3485305
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

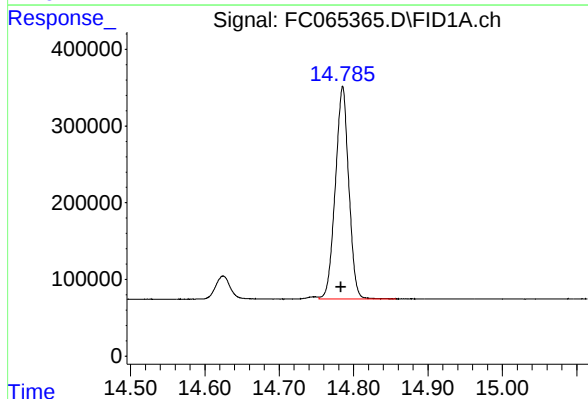
R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 3141687
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

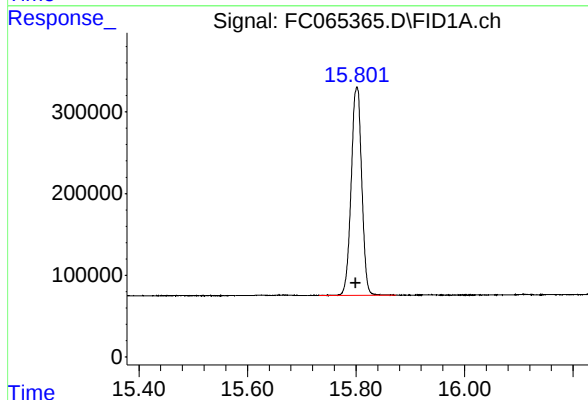
R.T.: 13.687 min
Delta R.T.: 0.002 min
Response: 3489553
Conc: 19.34 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



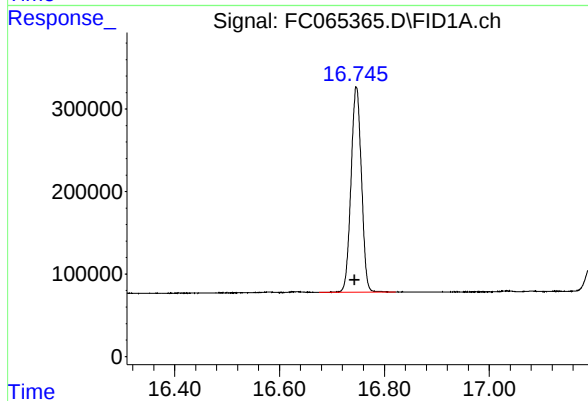
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: 0.003 min
Response: 3476528
Conc: 20.05 ug/ml



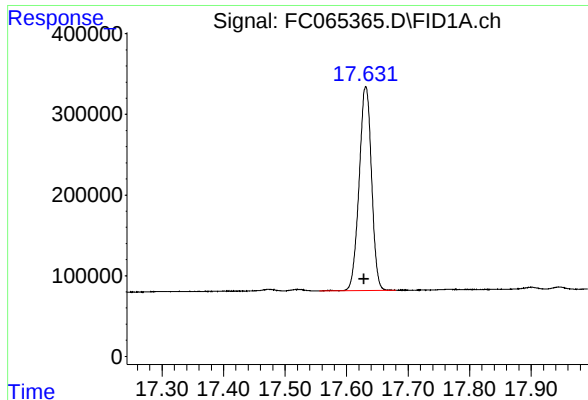
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: 0.003 min
Response: 3433856
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

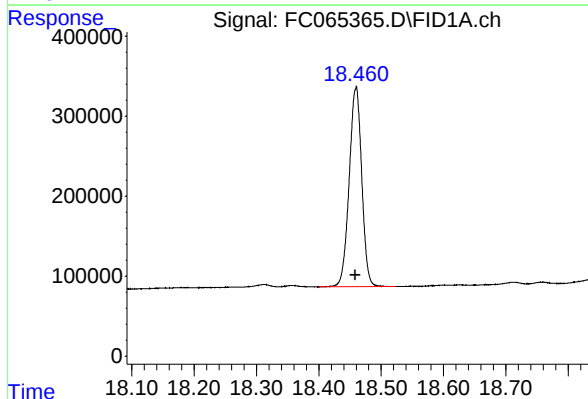
R.T.: 16.747 min
Delta R.T.: 0.003 min
Response: 3438531
Conc: 21.50 ug/ml



#17 n-Tricontane (C30)

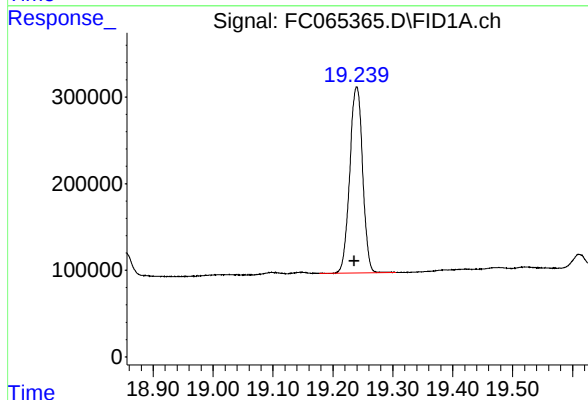
R.T.: 17.631 min
Delta R.T.: 0.003 min
Response: 3544613
Conc: 22.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



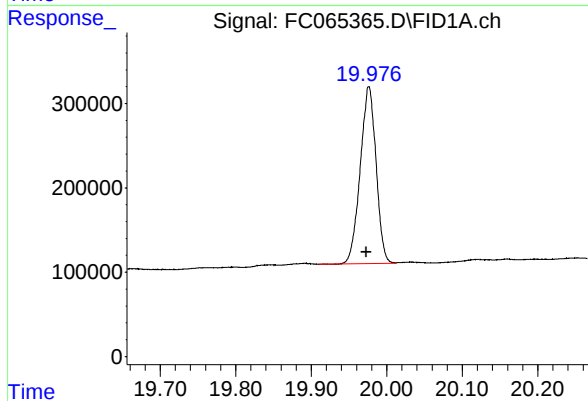
#18 n-Dotriacontane (C32)

R.T.: 18.460 min
Delta R.T.: 0.001 min
Response: 3498447
Conc: 22.25 ug/ml



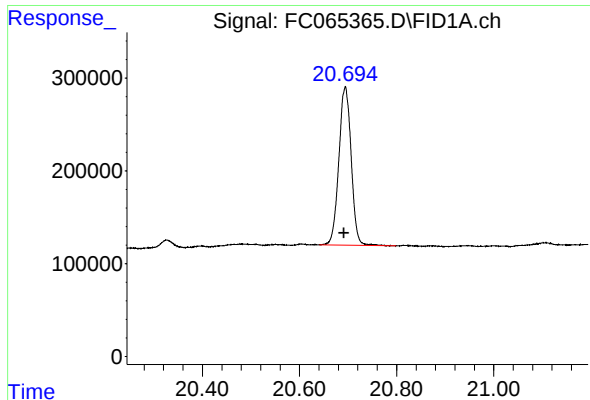
#19 n-Tetratriacontane (C34)

R.T.: 19.240 min
Delta R.T.: 0.004 min
Response: 3208005
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

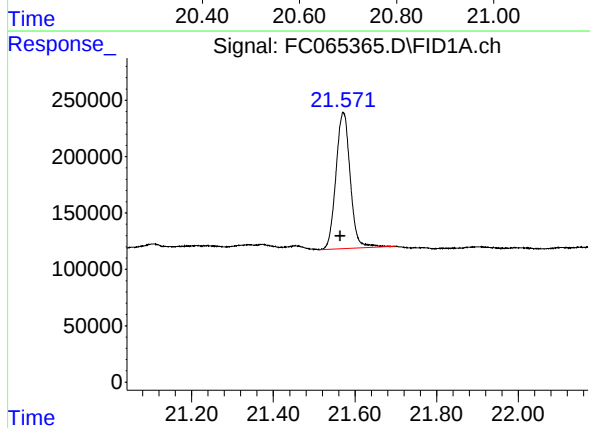
R.T.: 19.976 min
Delta R.T.: 0.003 min
Response: 3059160
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.694 min
Delta R.T.: 0.003 min
Response: 3014347
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: 0.007 min
Response: 2938461
Conc: 19.60 ug/ml