

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080823AL\
 Data File : FC064349.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 13:01
 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: Aug 09 02:04:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.516	4211898	23.608 ug/ml
Spiked Amount 50.000		Recovery =	47.22%
12) S 1-chlorooctadecane (S...	12.949	2857762	22.661 ug/ml
Spiked Amount 50.000		Recovery =	45.32%
Target Compounds			
1) T n-Nonane (C9)	3.308	3973178	24.487 ug/ml
2) T n-Decane (C10)	4.369	4003294	24.482 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3978171	24.512 ug/ml
4) T n-Dodecane (C12)	6.380	3994582	24.469 ug/ml
5) T A~2-methylnaphthalene...	7.004	3673049	24.106 ug/ml
6) T n-Tetradecane (C14)	8.169	3787043	24.120 ug/ml
7) T n-Hexadecane (C16)	9.766	3710336	23.597 ug/ml
8) T n-Octadecane (C18)	11.203	3675652	23.199 ug/ml
10) T n-Eicosane (C20)	12.507	3459206	23.178 ug/ml
11) T n-Heneicosane (C21)	13.115	3384189	23.187 ug/ml
13) T n-Docosane (C22)	13.701	3321613	23.273 ug/ml
14) T n-Tetracosane (C24)	14.800	3287050	23.402 ug/ml
15) T n-Hexacosane (C26)	15.818	3237800	23.579 ug/ml
16) T n-Octacosane (C28)	16.766	3207732	23.921 ug/ml
17) T n-Tricontane (C30)	17.648	3295136	23.740 ug/ml
18) T n-Dotriacontane (C32)	18.477	3295763	23.420 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3214710	23.154 ug/ml
20) T n-Hexatriacontane (C36)	19.994	3038841	22.396 ug/ml
21) T n-Octatriacontane (C38)	20.715	2732347	20.145 ug/ml
22) T n-Tetracontane (C40)	21.599	2166961	16.132 ug/ml

(f)=RT Delta > 1/2 Window

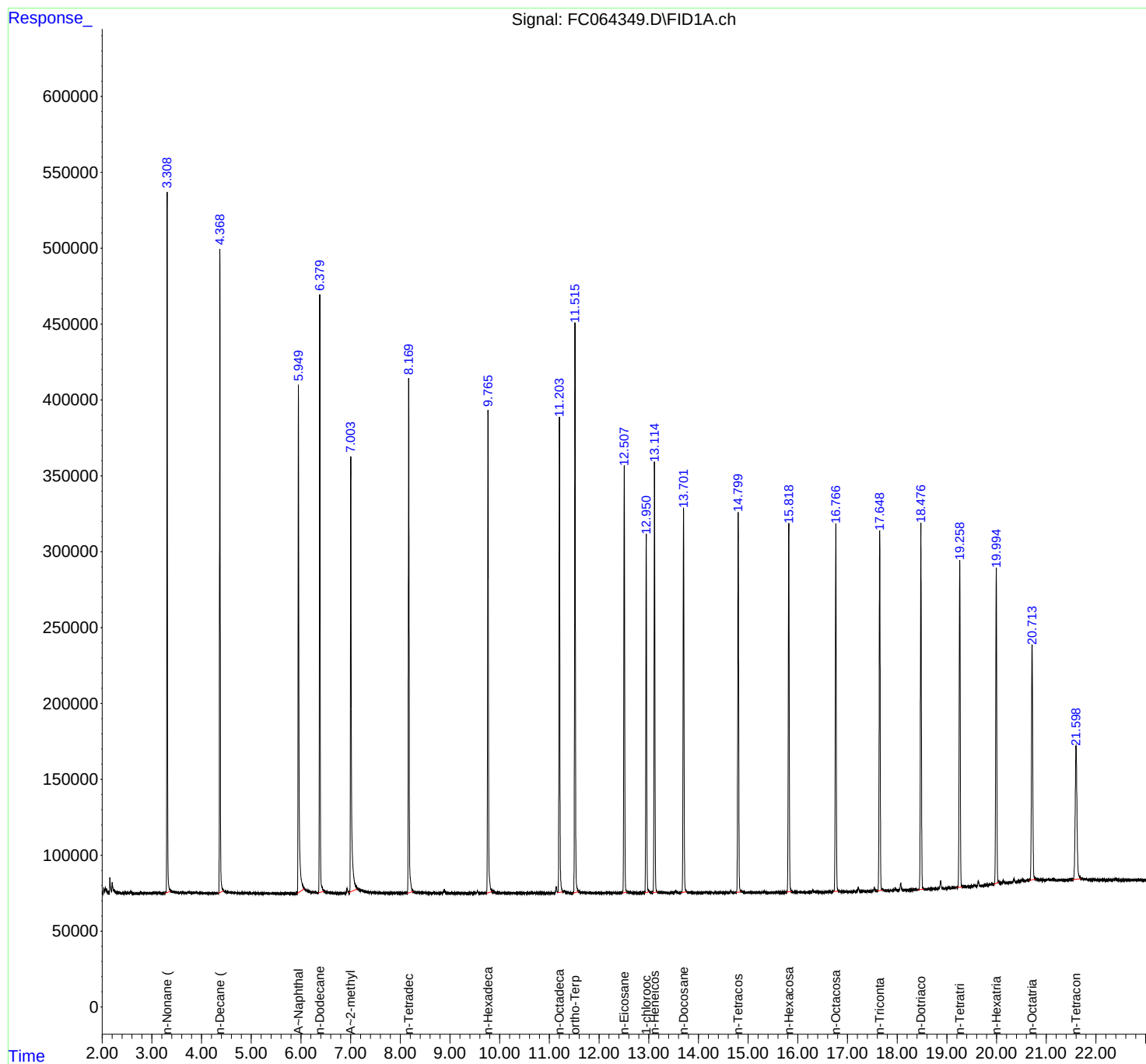
(m)=manual int.

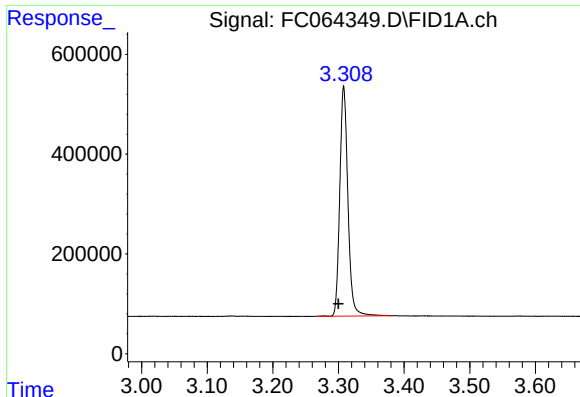
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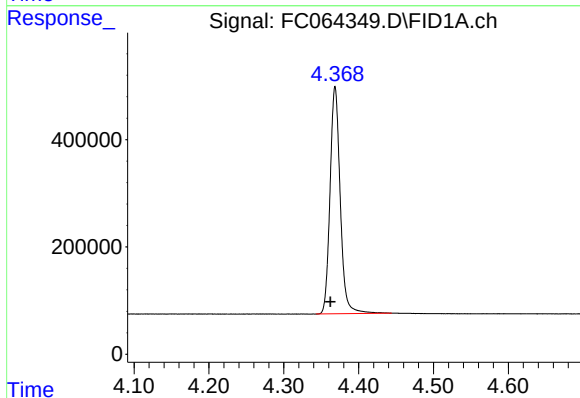




#1 n-Nonane (C9)

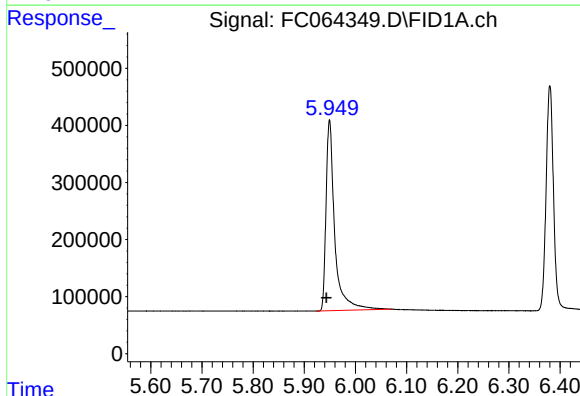
R.T.: 3.308 min
Delta R.T.: 0.008 min
Response: 3973178
Conc: 24.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



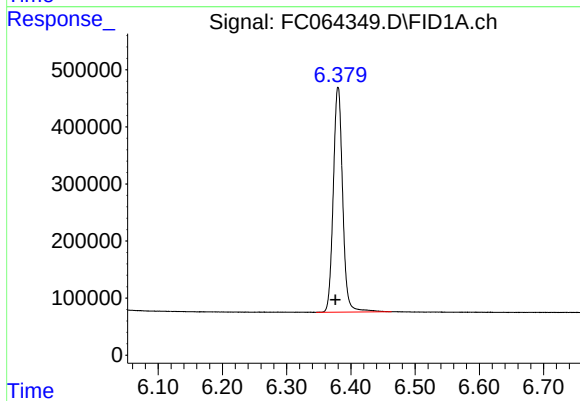
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.006 min
Response: 4003294
Conc: 24.48 ug/ml



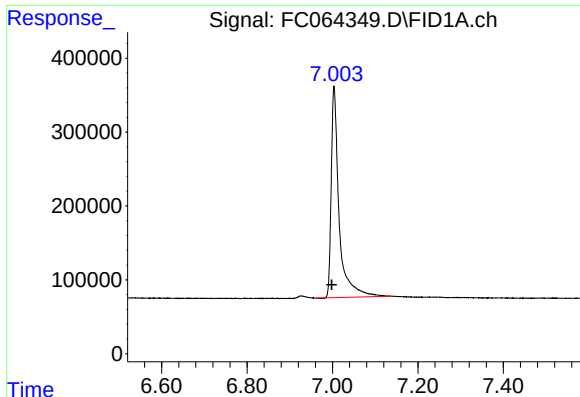
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 3978171
Conc: 24.51 ug/ml



#4 n-Dodecane (C12)

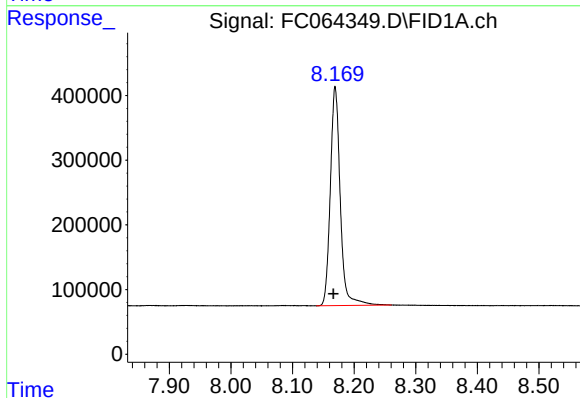
R.T.: 6.380 min
Delta R.T.: 0.004 min
Response: 3994582
Conc: 24.47 ug/ml



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

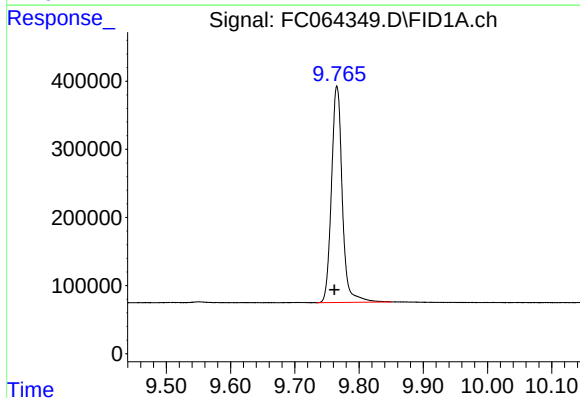
R.T.: 7.004 min
Delta R.T.: 0.005 min
Response: 3673049
Conc: 24.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



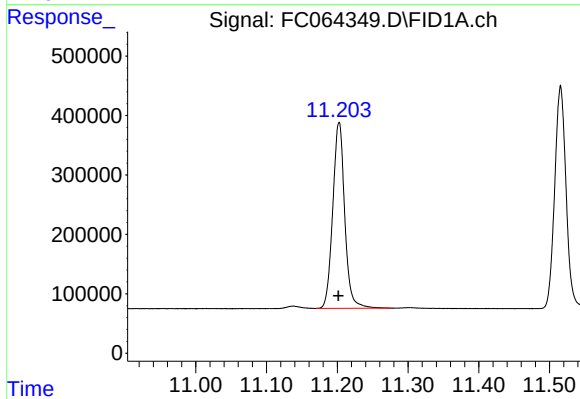
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.003 min
Response: 3787043
Conc: 24.12 ug/ml



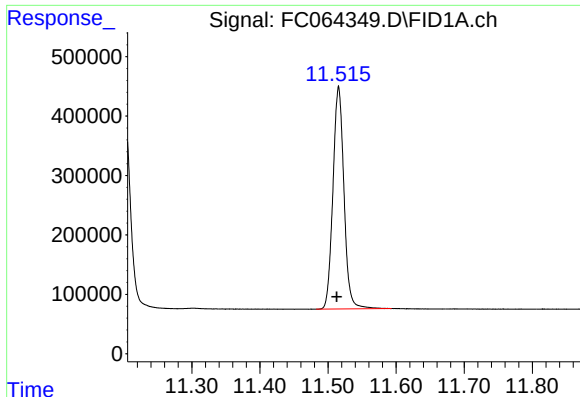
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 3710336
Conc: 23.60 ug/ml



#8 n-Octadecane (C18)

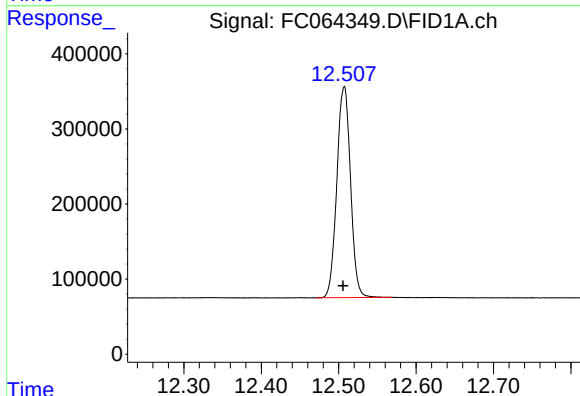
R.T.: 11.203 min
Delta R.T.: 0.001 min
Response: 3675652
Conc: 23.20 ug/ml



#9 ortho-Terphenyl (SURR)

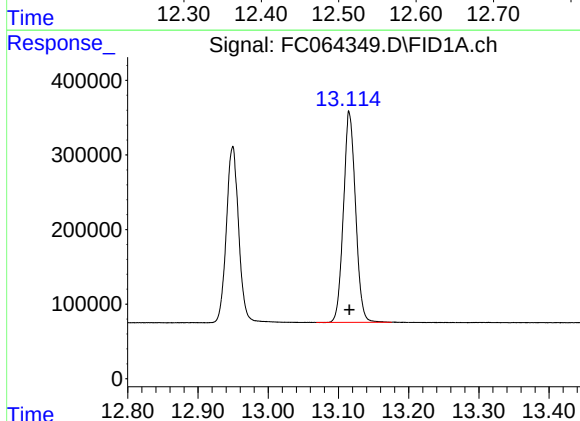
R.T.: 11.516 min
Delta R.T.: 0.003 min
Response: 4211898
Conc: 23.61 ug/ml

Instrument :
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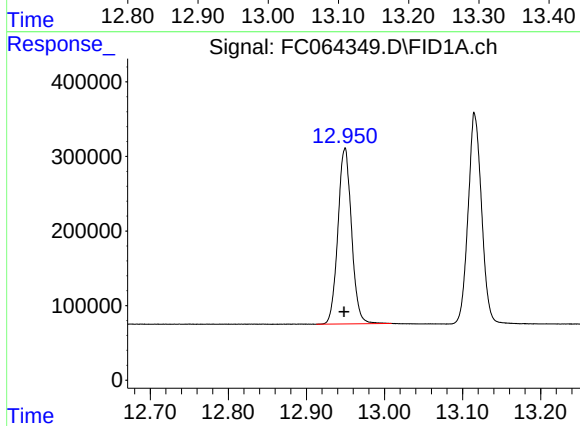
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.002 min
Response: 3459206
Conc: 23.18 ug/ml



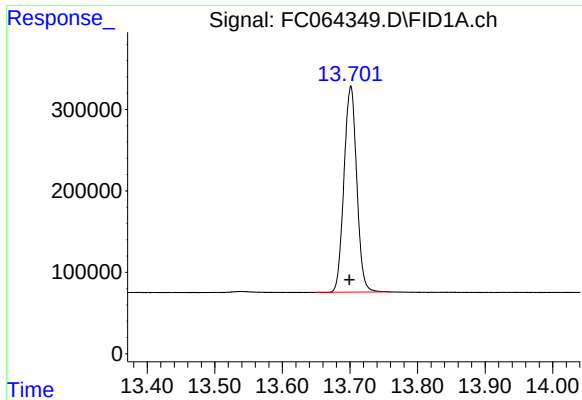
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 3384189
Conc: 23.19 ug/ml



#12 1-chlorooctadecane (SURR)

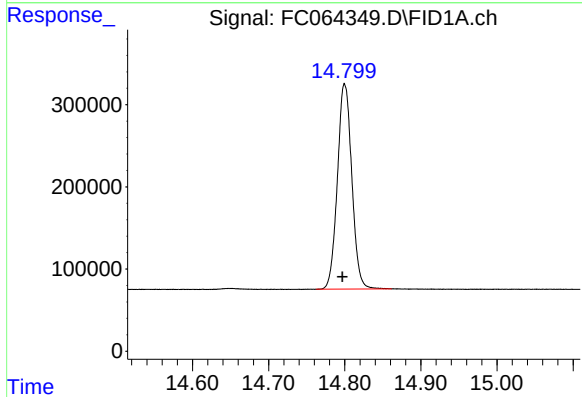
R.T.: 12.949 min
Delta R.T.: 0.001 min
Response: 2857762
Conc: 22.66 ug/ml



#13 n-Docosane (C22)

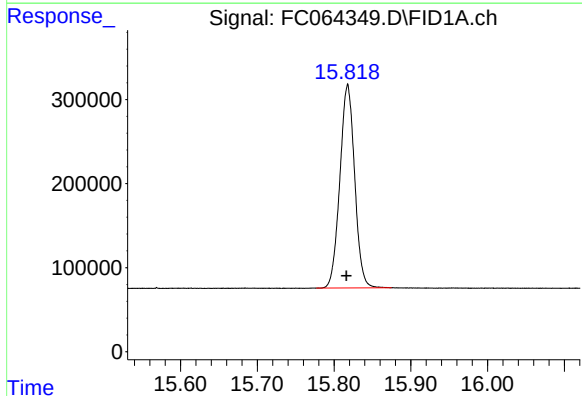
R.T.: 13.701 min
Delta R.T.: 0.002 min
Response: 3321613
Conc: 23.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



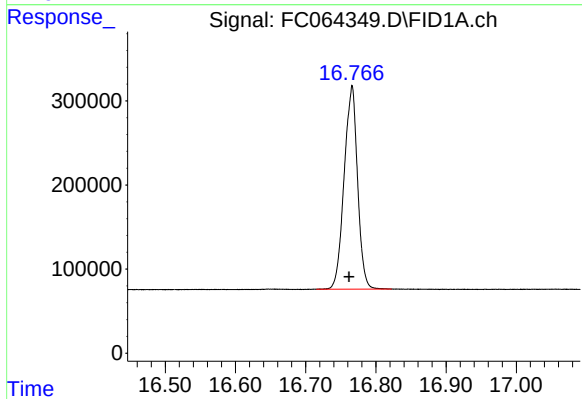
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 3287050
Conc: 23.40 ug/ml



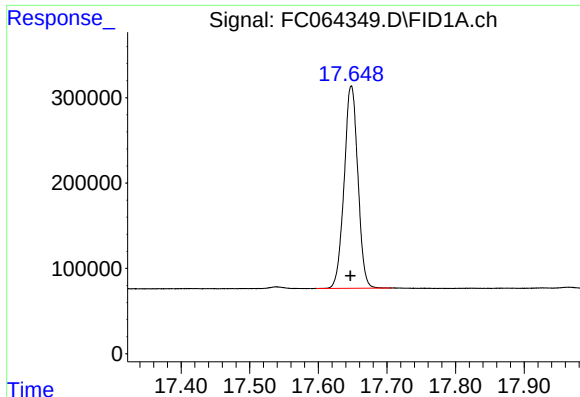
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.002 min
Response: 3237800
Conc: 23.58 ug/ml



#16 n-Octacosane (C28)

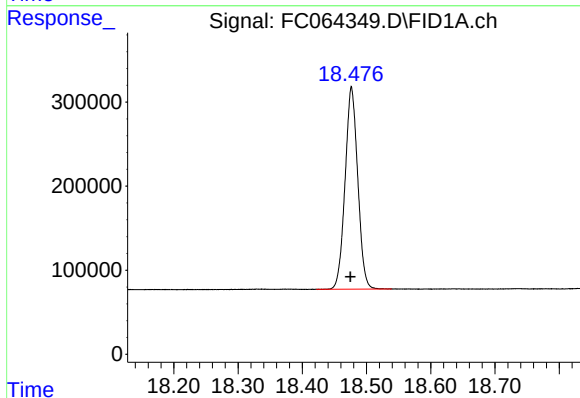
R.T.: 16.766 min
Delta R.T.: 0.005 min
Response: 3207732
Conc: 23.92 ug/ml



#17 n-Tricontane (C30)

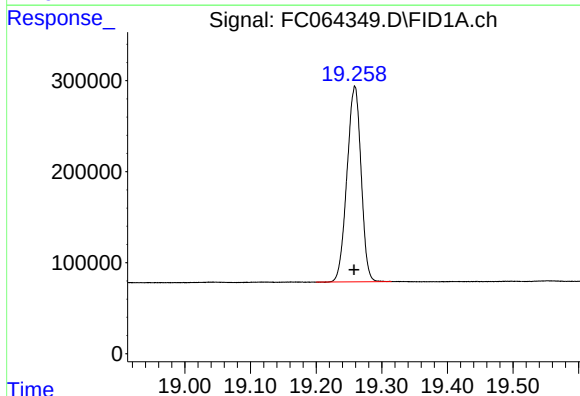
R.T.: 17.648 min
Delta R.T.: 0.001 min
Response: 3295136
Conc: 23.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



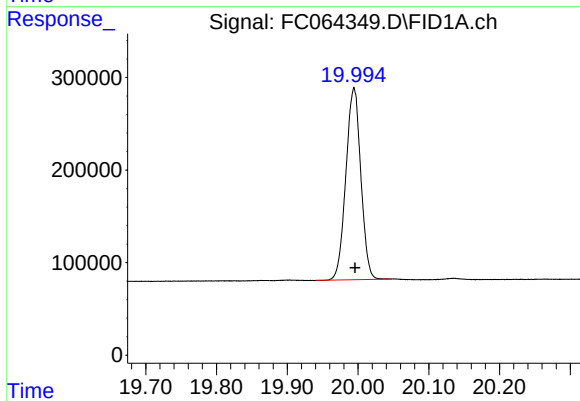
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.001 min
Response: 3295763
Conc: 23.42 ug/ml



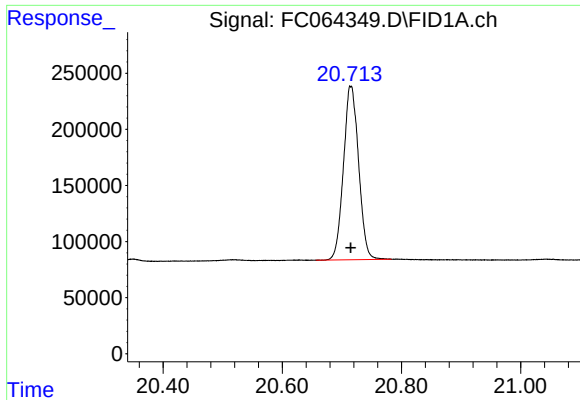
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.001 min
Response: 3214710
Conc: 23.15 ug/ml



#20 n-Hexatriacontane (C36)

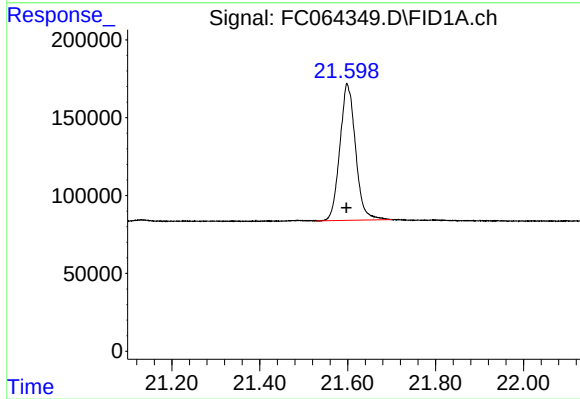
R.T.: 19.994 min
Delta R.T.: -0.001 min
Response: 3038841
Conc: 22.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 2732347
Conc: 20.14 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.002 min
Response: 2166961
Conc: 16.13 ug/ml