

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082123AL\
 Data File : FC064371.D
 Signal(s) : FID1A.ch
 Acq On : 21 Aug 2023 10:49
 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 21 15:31:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.509	4351249	20.496 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	12.943	3093749	20.291 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.306	3601798	20.407 ug/ml
2) T n-Decane (C10)	4.364	3588207	20.455 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3738507	20.105 ug/ml
4) T n-Dodecane (C12)	6.374	3671965	20.601 ug/ml
5) T A~2-methylnaphthalene...	6.997	3603908	20.259 ug/ml
6) T n-Tetradecane (C14)	8.163	3569168	20.459 ug/ml
7) T n-Hexadecane (C16)	9.758	3565340	20.631 ug/ml
8) T n-Octadecane (C18)	11.194	3618585	20.669 ug/ml
10) T n-Eicosane (C20)	12.500	3465455	20.486 ug/ml
11) T n-Heneicosane (C21)	13.109	3410420	20.433 ug/ml
13) T n-Docosane (C22)	13.694	3343060	20.496 ug/ml
14) T n-Tetracosane (C24)	14.792	3259339	20.467 ug/ml
15) T n-Hexacosane (C26)	15.809	3154610	20.418 ug/ml
16) T n-Octacosane (C28)	16.755	3026899	20.445 ug/ml
17) T n-Tricontane (C30)	17.639	2976046	20.374 ug/ml
18) T n-Dotriacontane (C32)	18.469	2868631	20.308 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2698276	20.195 ug/ml
20) T n-Hexatriacontane (C36)	19.985	2549541	19.924 ug/ml
21) T n-Octatriacontane (C38)	20.704	2370392	19.303 ug/ml
22) T n-Tetracontane (C40)	21.586	2115656	18.218 ug/ml

(f)=RT Delta > 1/2 Window

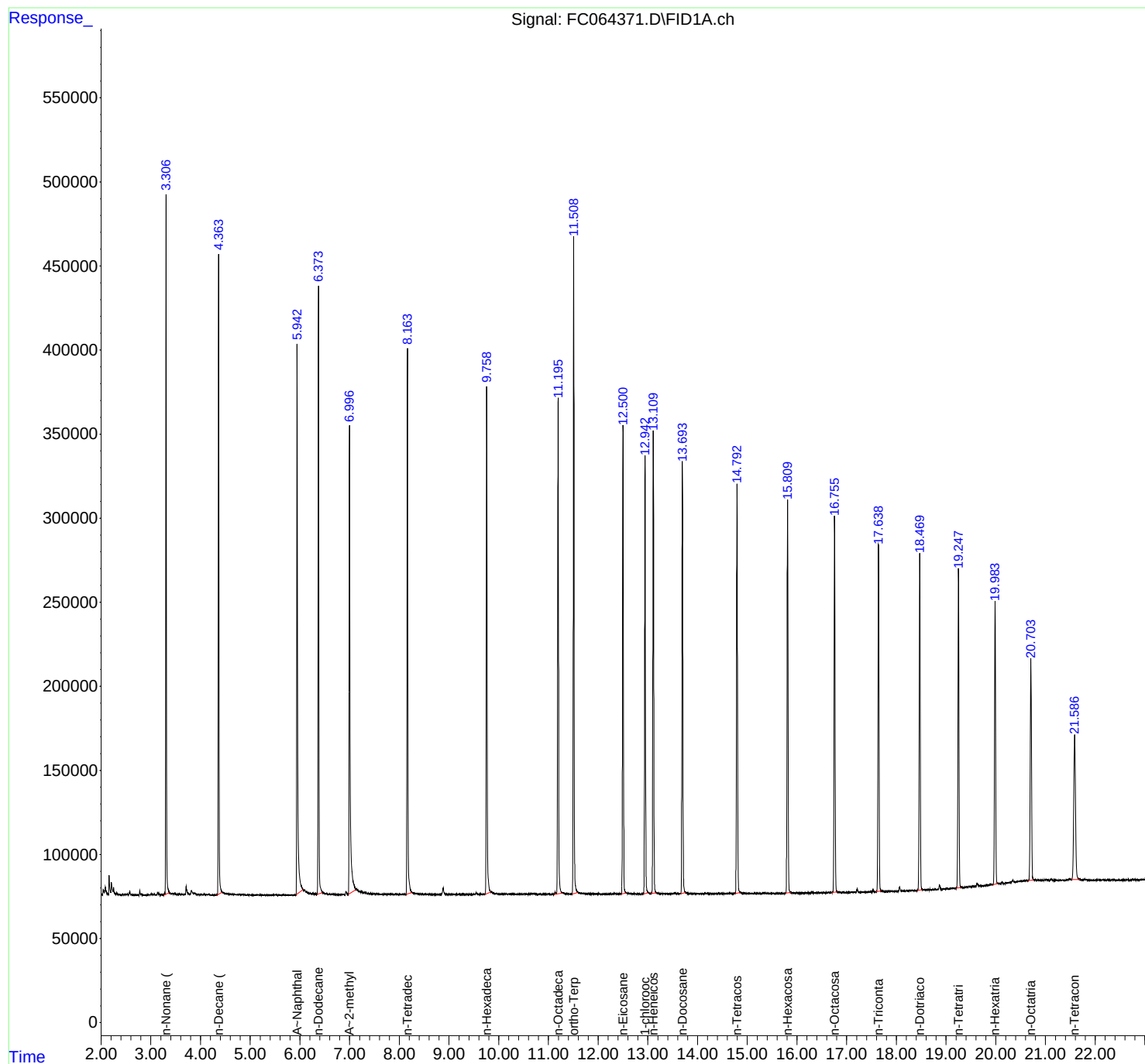
(m)=manual int.

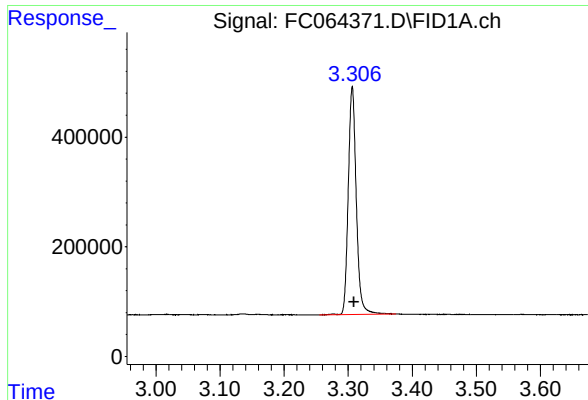
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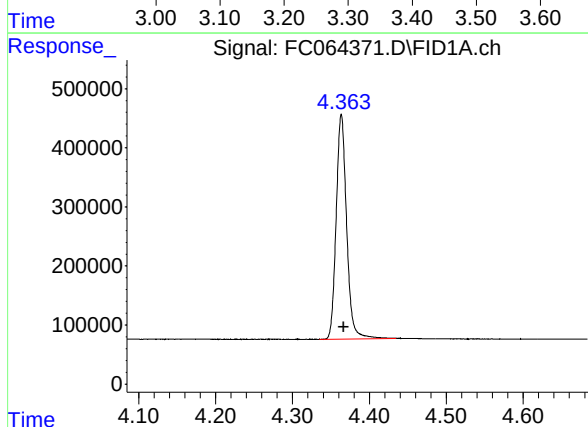




#1 n-Nonane (C9)

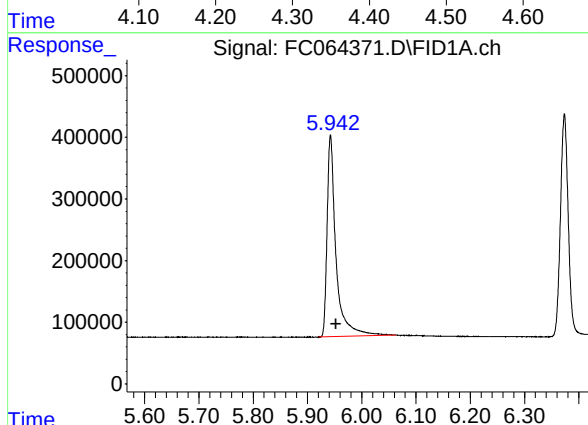
R.T.: 3.306 min
Delta R.T.: -0.003 min
Response: 3601798
Conc: 20.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



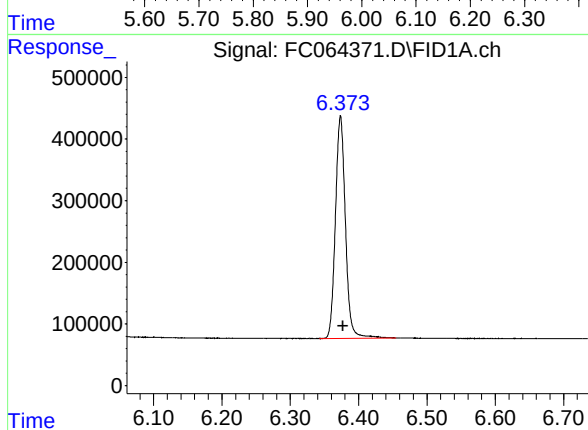
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 3588207
Conc: 20.45 ug/ml



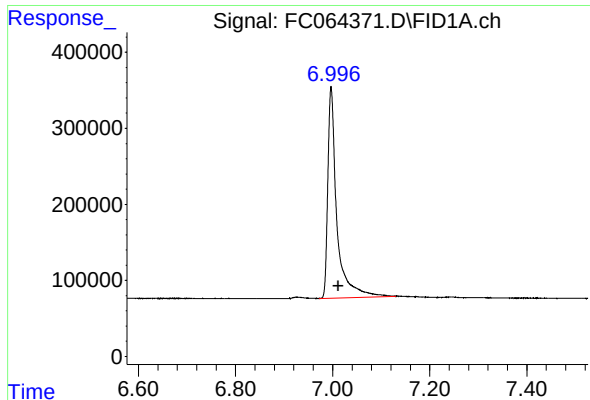
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3738507
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

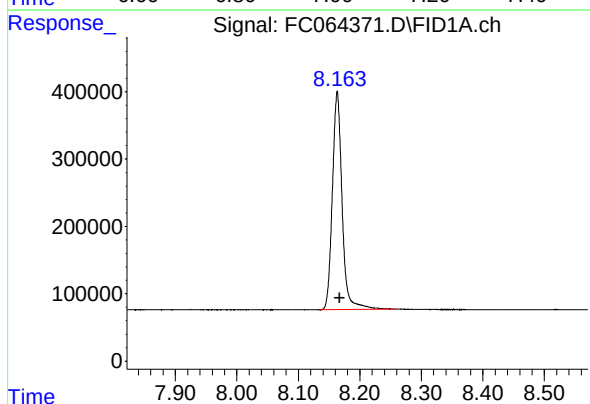
R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 3671965
Conc: 20.60 ug/ml



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

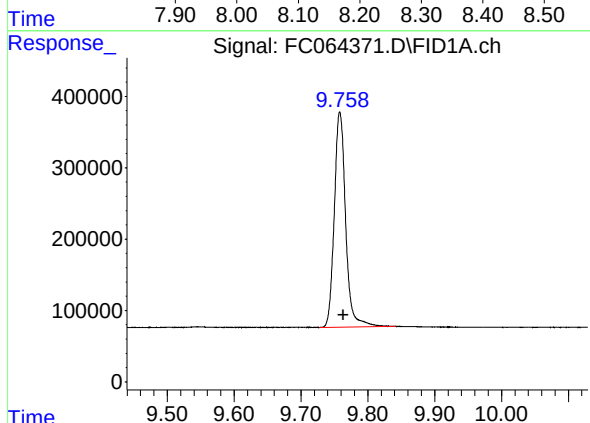
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3603908
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



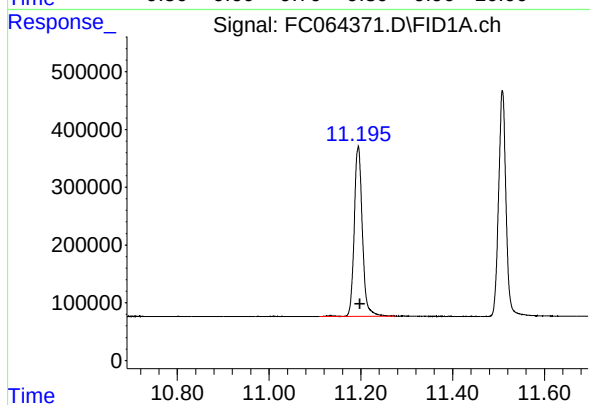
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 3569168
Conc: 20.46 ug/ml



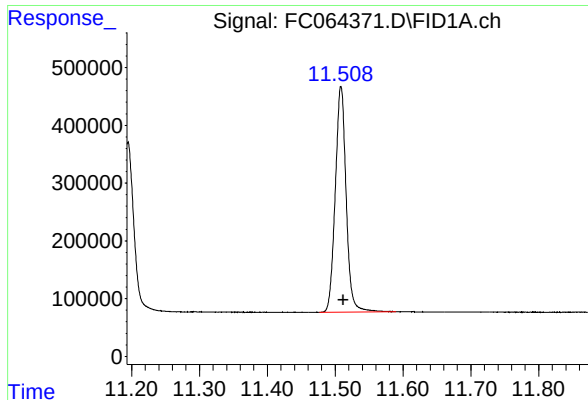
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.005 min
Response: 3565340
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

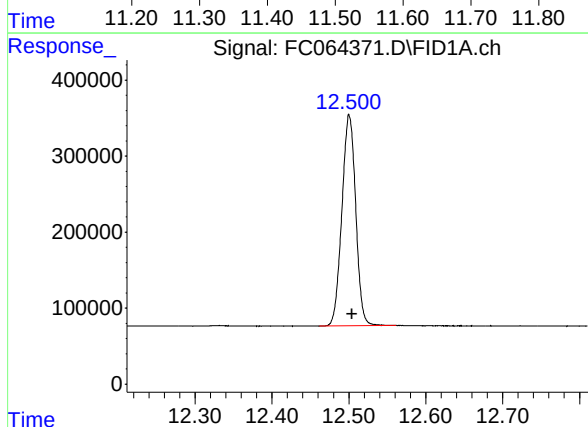
R.T.: 11.194 min
Delta R.T.: -0.004 min
Response: 3618585
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

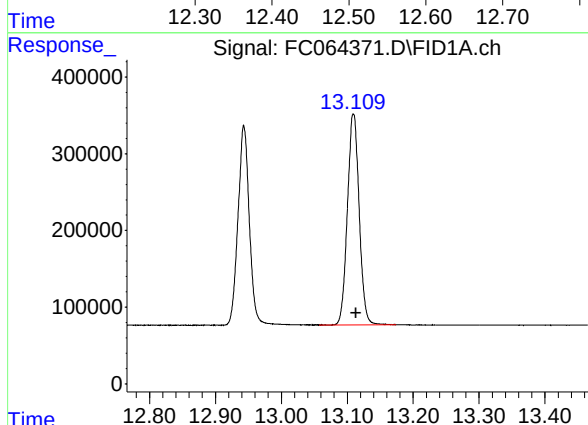
R.T.: 11.509 min
Delta R.T.: -0.004 min
Response: 4351249
Conc: 20.50 ug/ml

Instrument :
FID_C
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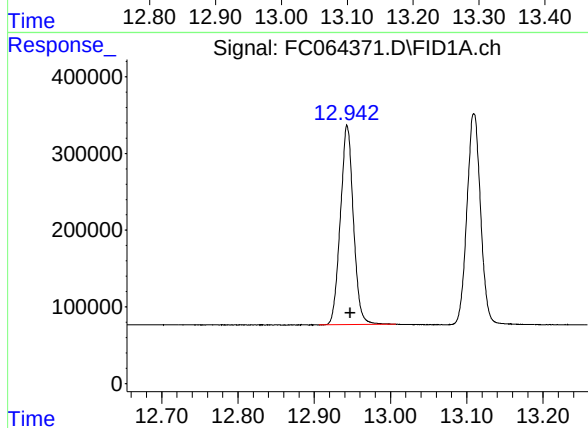
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.004 min
Response: 3465455
Conc: 20.49 ug/ml



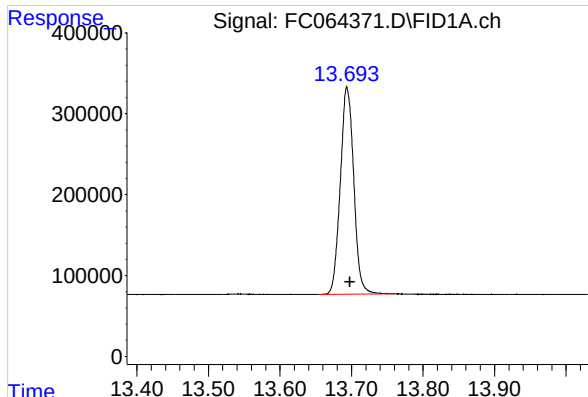
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.004 min
Response: 3410420
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

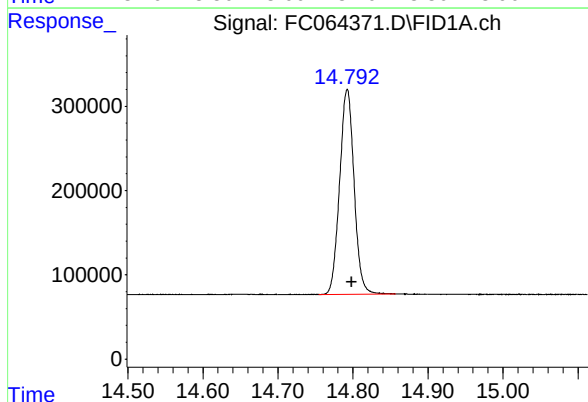
R.T.: 12.943 min
Delta R.T.: -0.004 min
Response: 3093749
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

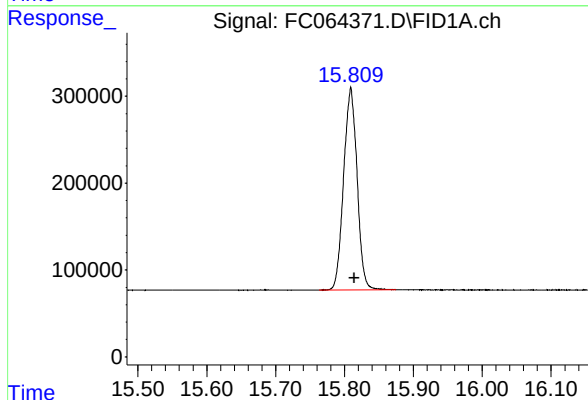
R.T.: 13.694 min
Delta R.T.: -0.005 min
Response: 3343060
Conc: 20.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



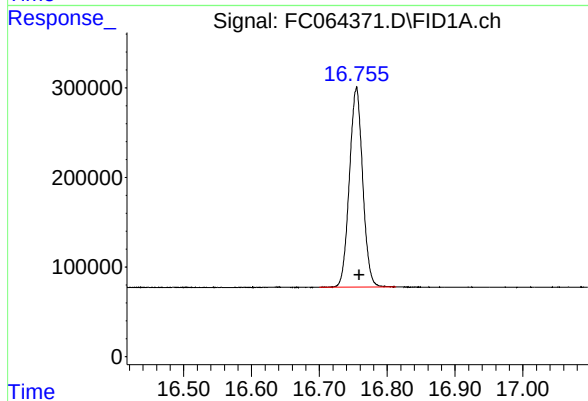
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.006 min
Response: 3259339
Conc: 20.47 ug/ml



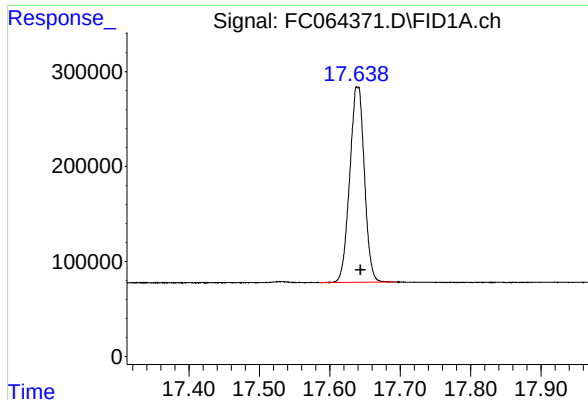
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.005 min
Response: 3154610
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

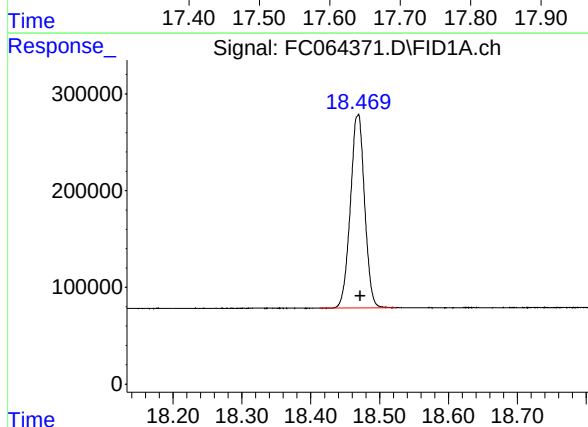
R.T.: 16.755 min
Delta R.T.: -0.004 min
Response: 3026899
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

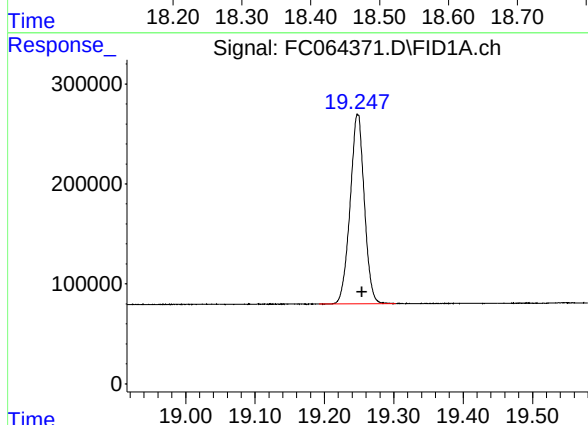
R.T.: 17.639 min
Delta R.T.: -0.005 min
Response: 2976046
Conc: 20.37 ug/ml

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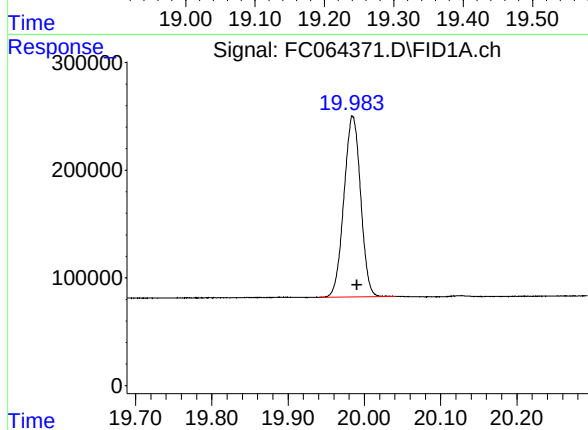
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 2868631
Conc: 20.31 ug/ml



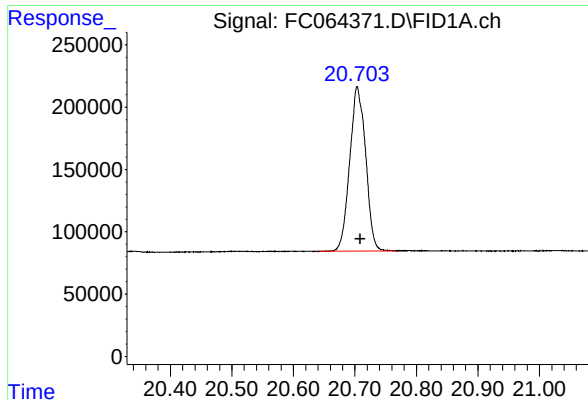
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.006 min
Response: 2698276
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

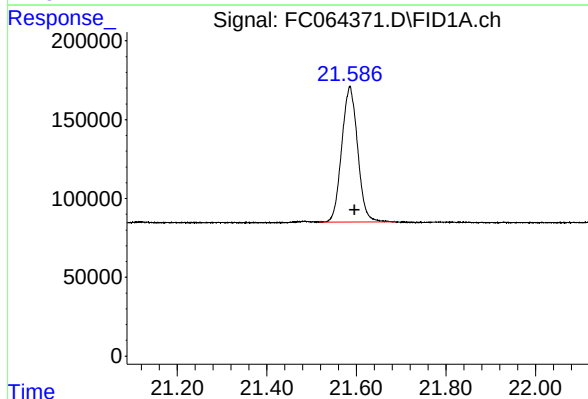
R.T.: 19.985 min
Delta R.T.: -0.005 min
Response: 2549541
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.005 min
Response: 2370392
Conc: 19.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: -0.010 min
Response: 2115656
Conc: 18.22 ug/ml