

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080823AL\
 Data File : FC064343.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 08:34
 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 02:01:29 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)	11.515	4108683	23.030 ug/ml
Spiked Amount 50.000		Recovery =	46.06%
12) S 1-chlorooctadecane (S...	12.949	2714830	21.527 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
Target Compounds			
1) T n-Nonane (C9)	3.306	3872243	23.865 ug/ml
2) T n-Decane (C10)	4.367	3915981	23.948 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3870207	23.847 ug/ml
4) T n-Dodecane (C12)	6.379	3910510	23.954 ug/ml
5) T A~2-methylnaphthalene...	7.003	3561372	23.373 ug/ml
6) T n-Tetradecane (C14)	8.169	3703222	23.586 ug/ml
7) T n-Hexadecane (C16)	9.765	3623359	23.044 ug/ml
8) T n-Octadecane (C18)	11.201	3594146	22.685 ug/ml
10) T n-Eicosane (C20)	12.506	3369456	22.577 ug/ml
11) T n-Heneicosane (C21)	13.116	3295595	22.580 ug/ml
13) T n-Docosane (C22)	13.702	3235236	22.668 ug/ml
14) T n-Tetracosane (C24)	14.801	3176977	22.618 ug/ml
15) T n-Hexacosane (C26)	15.817	3124553	22.754 ug/ml
16) T n-Octacosane (C28)	16.764	3075953	22.938 ug/ml
17) T n-Tricontane (C30)	17.647	3141611	22.634 ug/ml
18) T n-Dotriacontane (C32)	18.476	3107721	22.084 ug/ml
19) T n-Tetratriacontane (C34)	19.258	3006974	21.658 ug/ml
20) T n-Hexatriacontane (C36)	19.994	2811903	20.724 ug/ml
21) T n-Octatriacontane (C38)	20.714	2450349	18.066 ug/ml
22) T n-Tetracontane (C40)	21.597	1882332	14.013 ug/ml

(f)=RT Delta > 1/2 Window

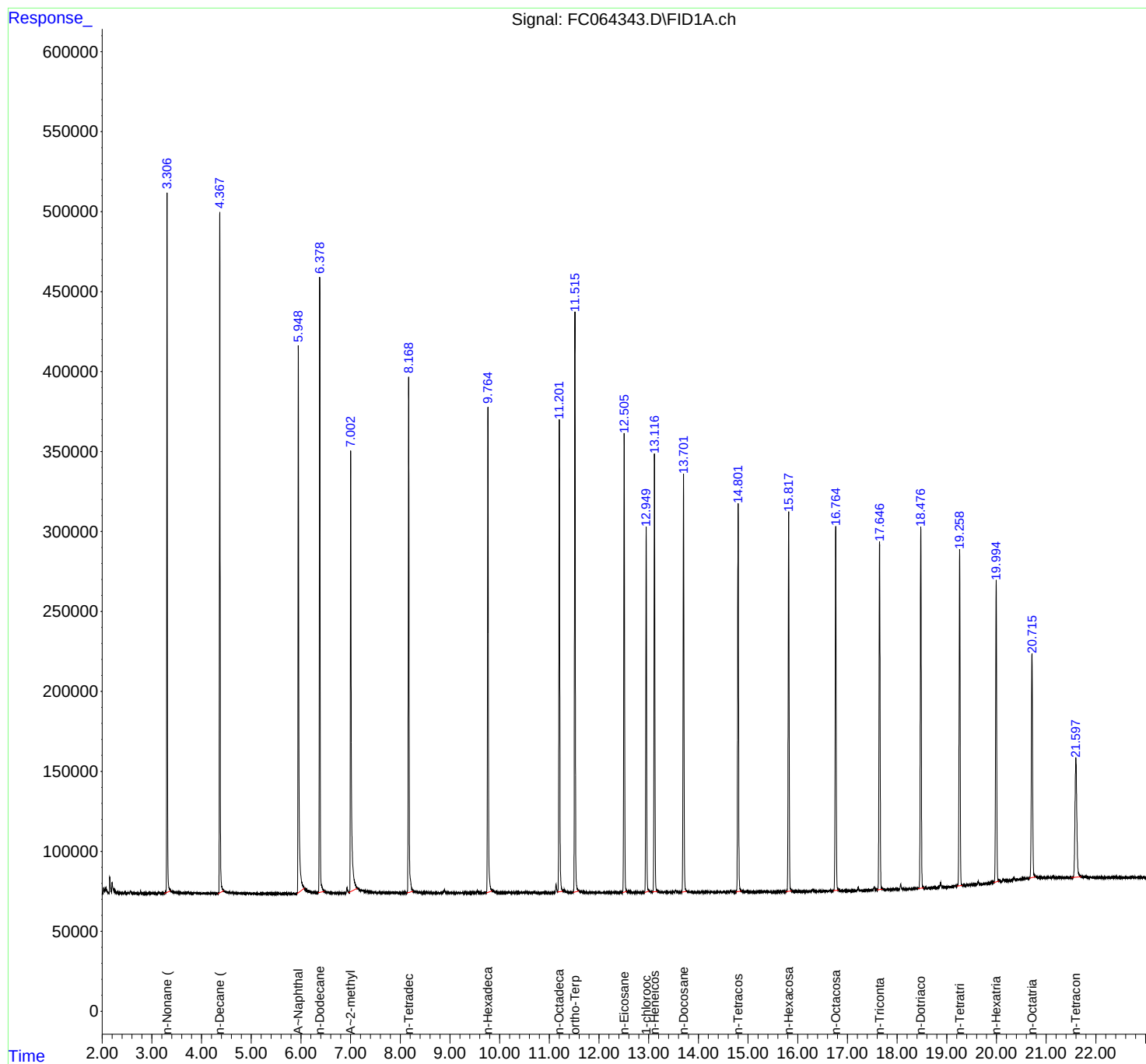
(m)=manual int.

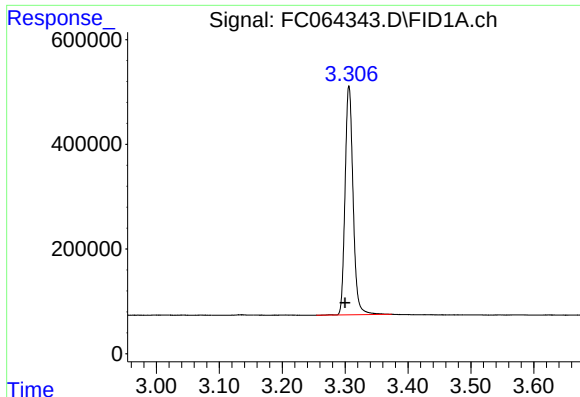
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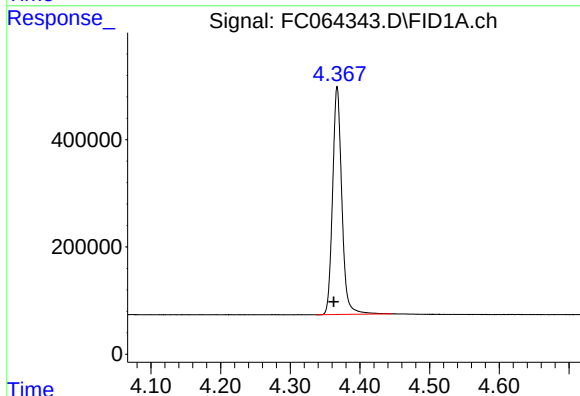




#1 n-Nonane (C9)

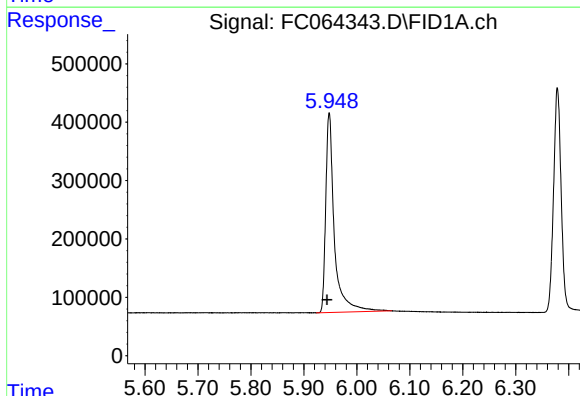
R.T.: 3.306 min
Delta R.T.: 0.006 min
Response: 3872243
Conc: 23.86 ug/ml

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20 PPM ALIPHATIC HC STD



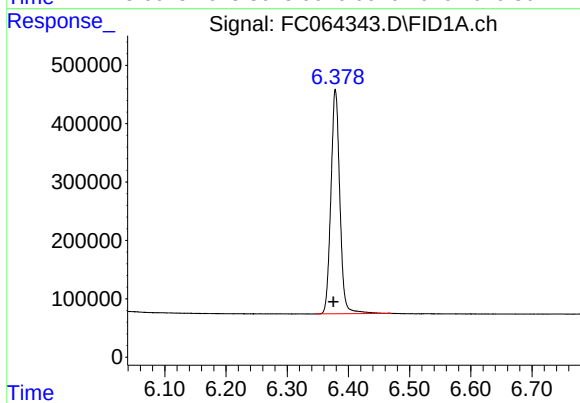
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.005 min
Response: 3915981
Conc: 23.95 ug/ml



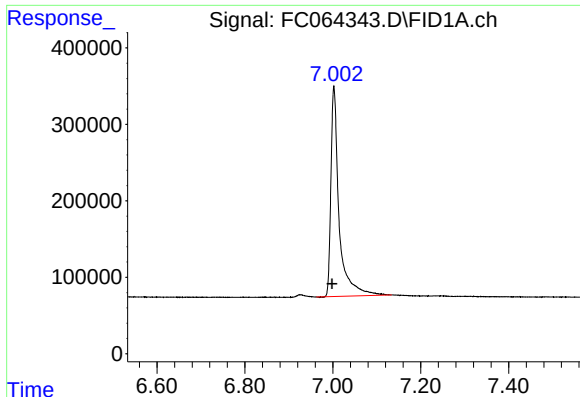
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 3870207
Conc: 23.85 ug/ml



#4 n-Dodecane (C12)

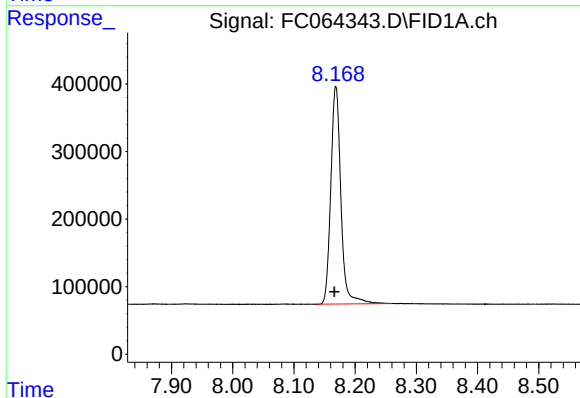
R.T.: 6.379 min
Delta R.T.: 0.003 min
Response: 3910510
Conc: 23.95 ug/ml



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

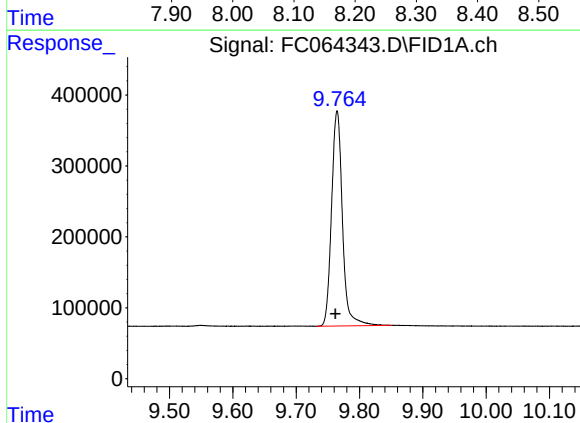
R.T.: 7.003 min
Delta R.T.: 0.004 min
Response: 3561372
Conc: 23.37 ug/ml

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20 PPM ALIPHATIC HC STD



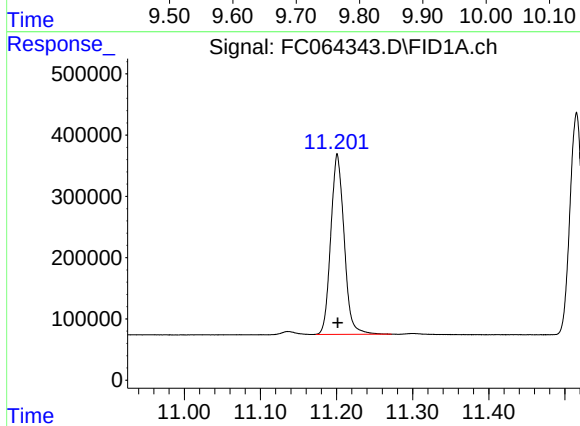
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.002 min
Response: 3703222
Conc: 23.59 ug/ml



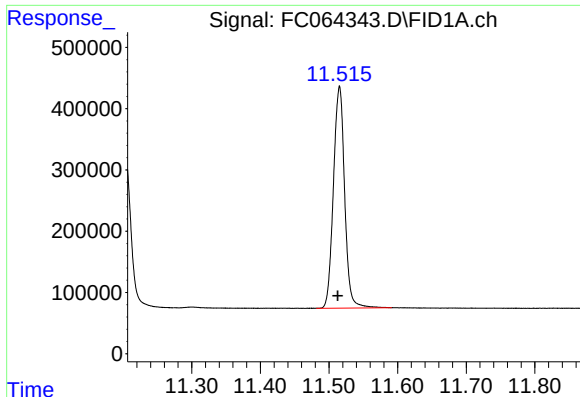
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: 0.003 min
Response: 3623359
Conc: 23.04 ug/ml



#8 n-Octadecane (C18)

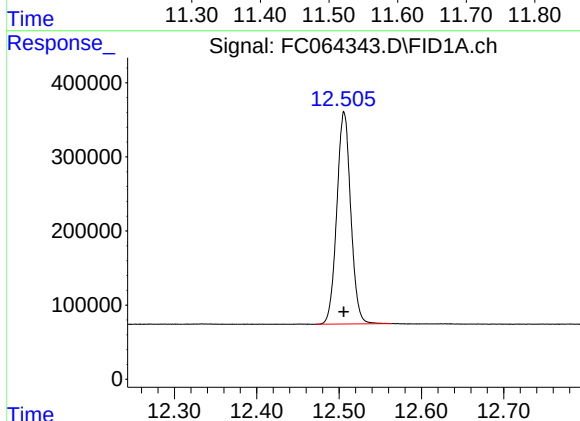
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3594146
Conc: 22.68 ug/ml



#9 ortho-Terphenyl (SURR)

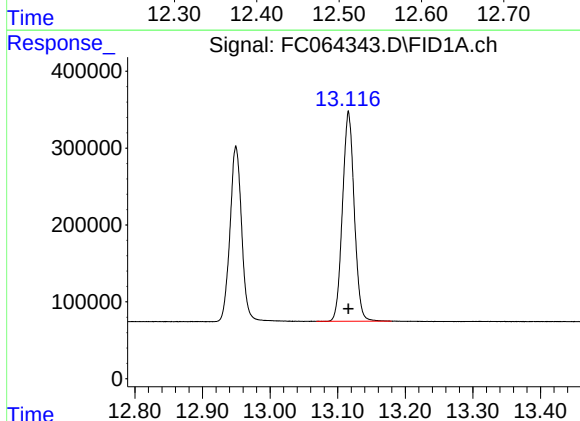
R.T.: 11.515 min
Delta R.T.: 0.002 min
Response: 4108683
Conc: 23.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



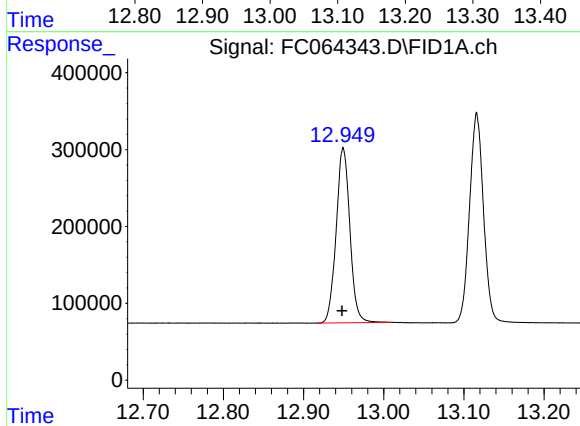
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 3369456
Conc: 22.58 ug/ml



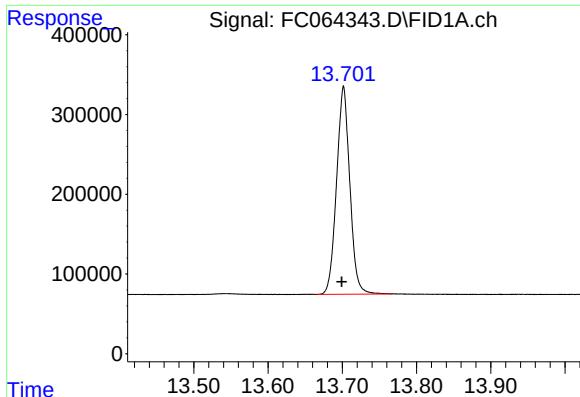
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 3295595
Conc: 22.58 ug/ml



#12 1-chlorooctadecane (SURR)

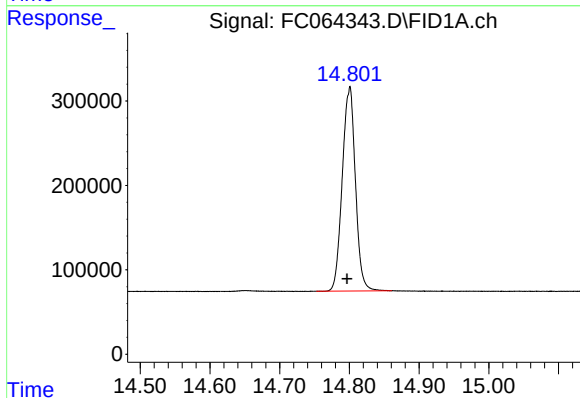
R.T.: 12.949 min
Delta R.T.: 0.001 min
Response: 2714830
Conc: 21.53 ug/ml



#13 n-Docosane (C22)

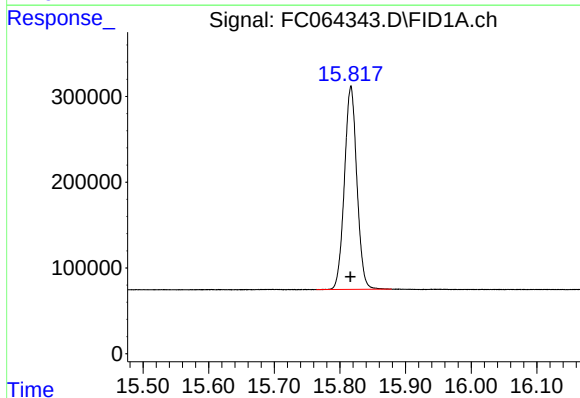
R.T.: 13.702 min
Delta R.T.: 0.002 min
Response: 3235236
Conc: 22.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



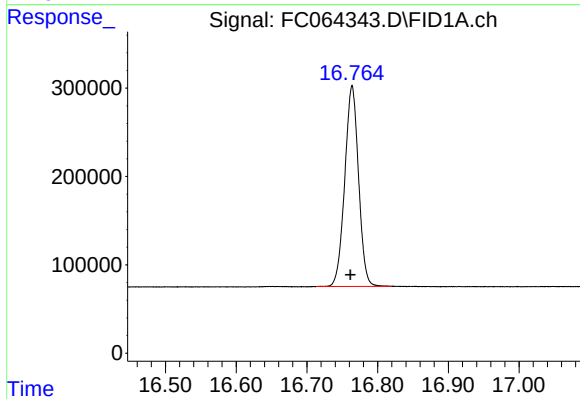
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.004 min
Response: 3176977
Conc: 22.62 ug/ml



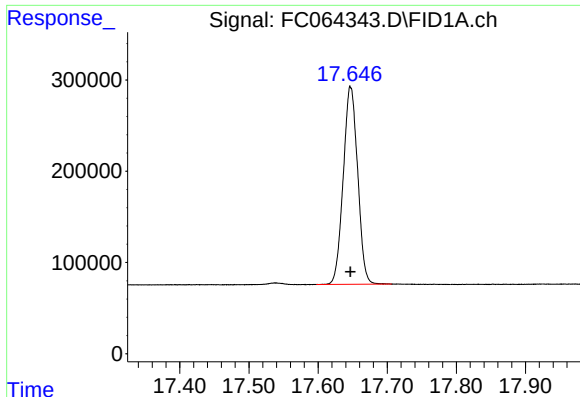
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.000 min
Response: 3124553
Conc: 22.75 ug/ml



#16 n-Octacosane (C28)

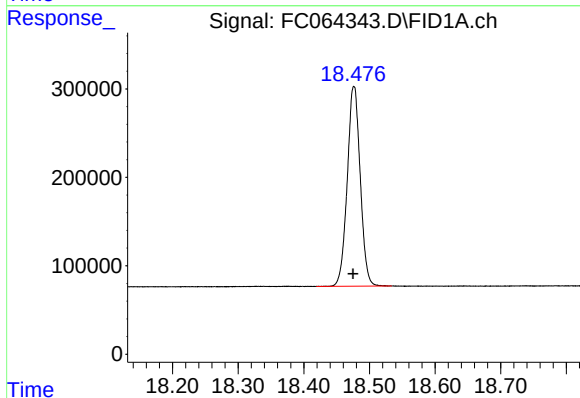
R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 3075953
Conc: 22.94 ug/ml



#17 n-Tricontane (C30)

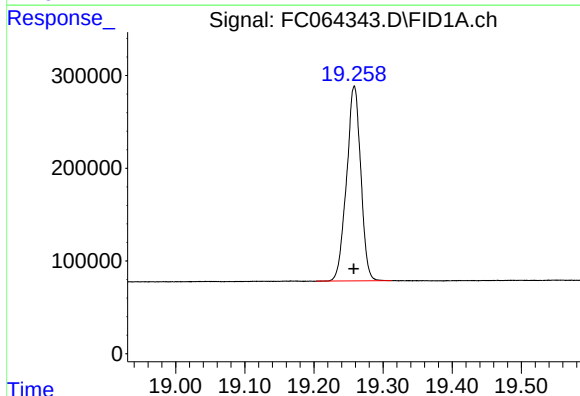
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 3141611
Conc: 22.63 ug/ml

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20 PPM ALIPHATIC HC STD



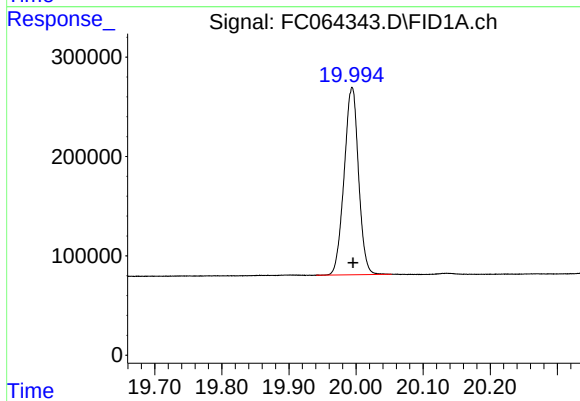
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.001 min
Response: 3107721
Conc: 22.08 ug/ml



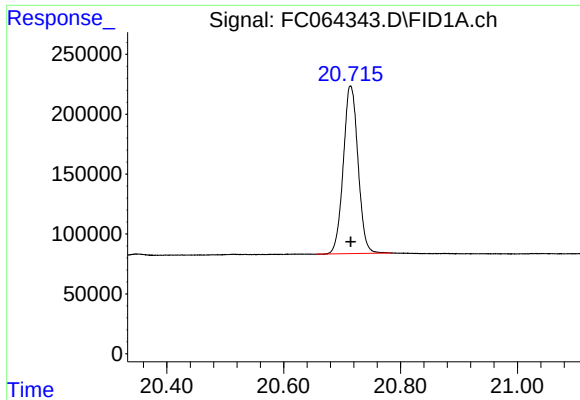
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.000 min
Response: 3006974
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

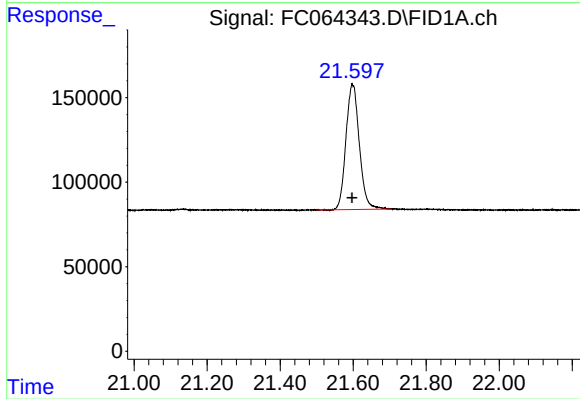
R.T.: 19.994 min
Delta R.T.: -0.002 min
Response: 2811903
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 2450349
Conc: 18.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.000 min
Response: 1882332
Conc: 14.01 ug/ml