

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070722AL\
 Data File : FC060610.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 06:03
 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: Jul 07 13:01:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.632	3549125	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	11.998	2816675	19.110 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	2.625	3114166	20.301 ug/ml
2) T n-Decane (C10)	3.620	3120264	20.431 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3404281	20.362 ug/ml
4) T n-Dodecane (C12)	5.567	3307817	20.467 ug/ml
5) T A~2-methylnaphthalene...	6.183	3404534	20.028 ug/ml
6) T n-Tetradecane (C14)	7.317	3339216	20.213 ug/ml
7) T n-Hexadecane (C16)	8.879	3375386	19.972 ug/ml
8) T n-Octadecane (C18)	10.285	3384891	19.675 ug/ml
10) T n-Eicosane (C20)	11.563	3305171	19.366 ug/ml
11) T n-Heneicosane (C21)	12.159	3278544	19.229 ug/ml
13) T n-Docosane (C22)	12.732	3239728	19.006 ug/ml
14) T n-Tetracosane (C24)	13.808	3121073	18.589 ug/ml
15) T n-Hexacosane (C26)	14.805	2990843	18.200 ug/ml
16) T n-Octacosane (C28)	15.731	2860104	18.025 ug/ml
17) T n-Tricontane (C30)	16.597	2744059	18.027 ug/ml
18) T n-Dotriacontane (C32)	17.409	2589877	17.816 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2431238	19.142 ug/ml
20) T n-Hexatriacontane (C36)	18.893	2310070	20.584 ug/ml
21) T n-Octatriacontane (C38)	19.577	2253339	20.585 ug/ml
22) T n-Tetracontane (C40)	20.222	2294768	20.319 ug/ml

(f)=RT Delta > 1/2 Window

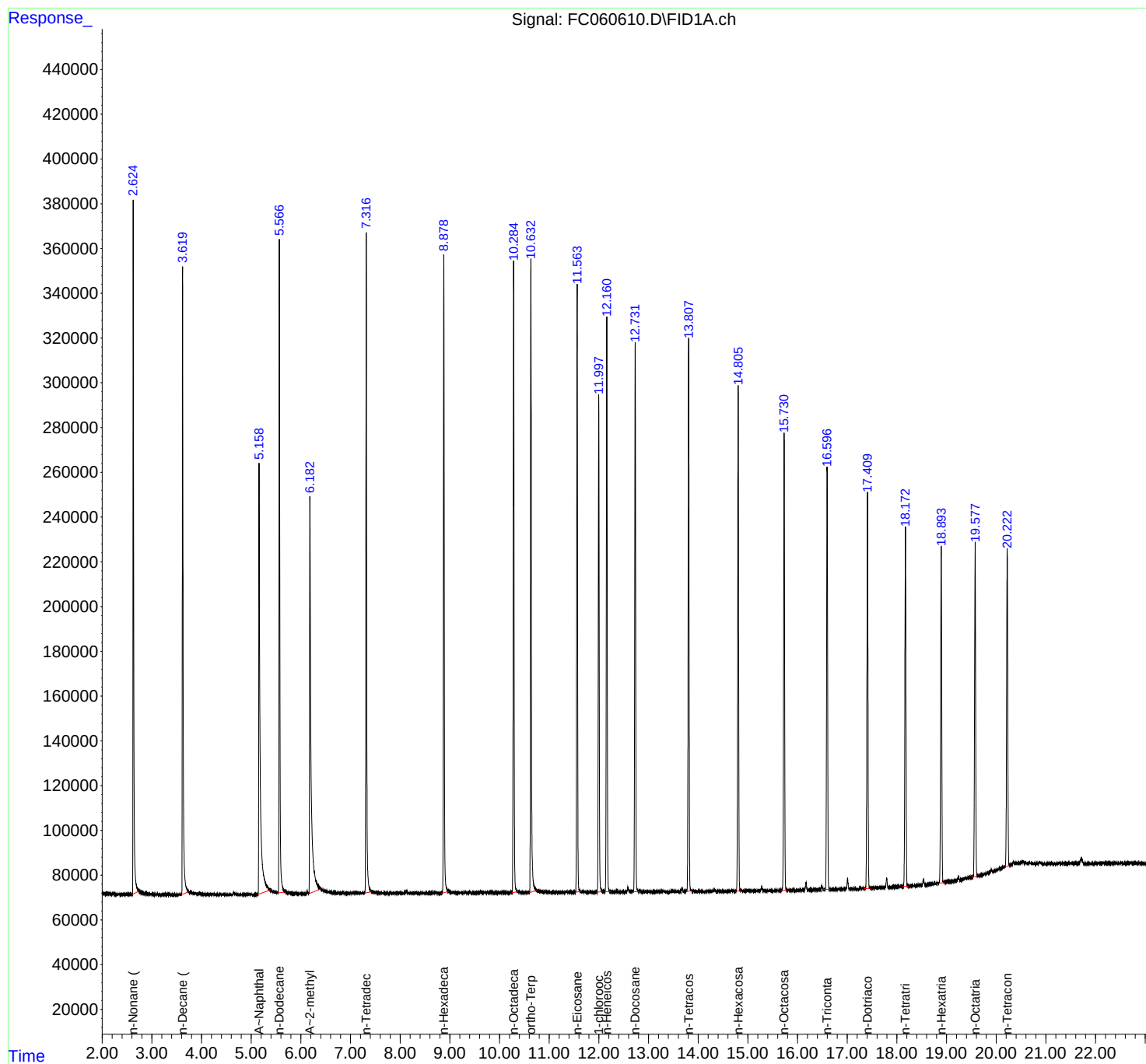
(m)=manual int.

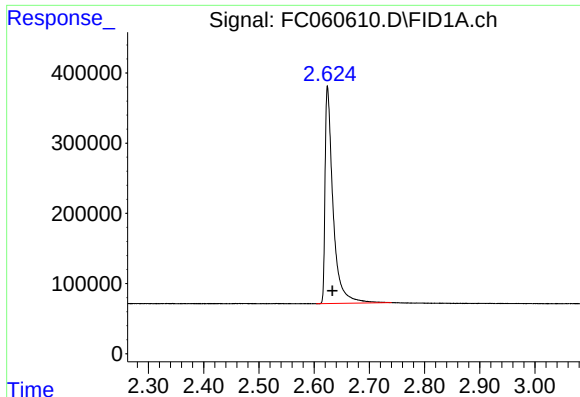
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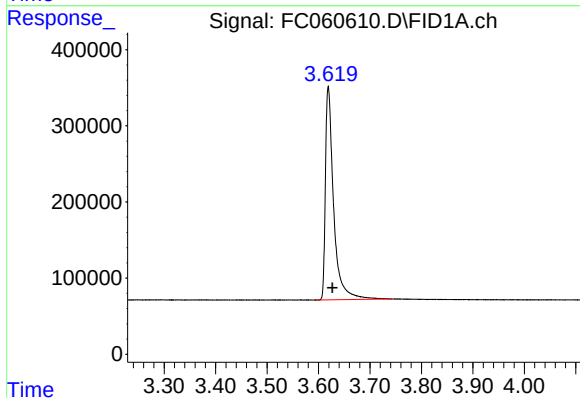




#1 n-Nonane (C9)

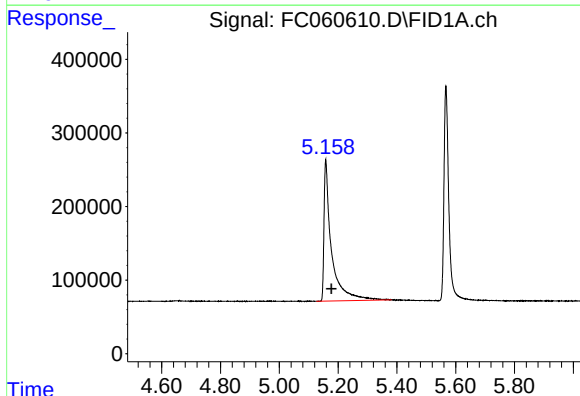
R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 3114166
Conc: 20.30 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



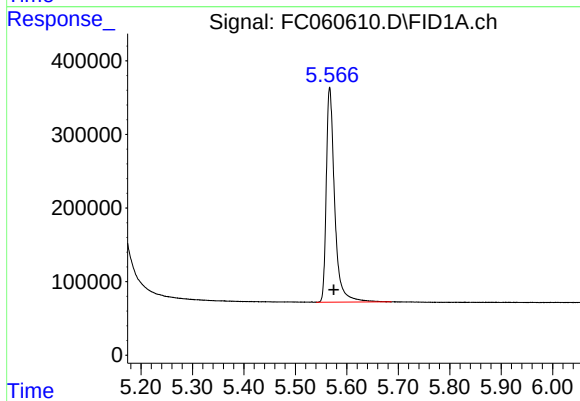
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 3120264
Conc: 20.43 ug/ml



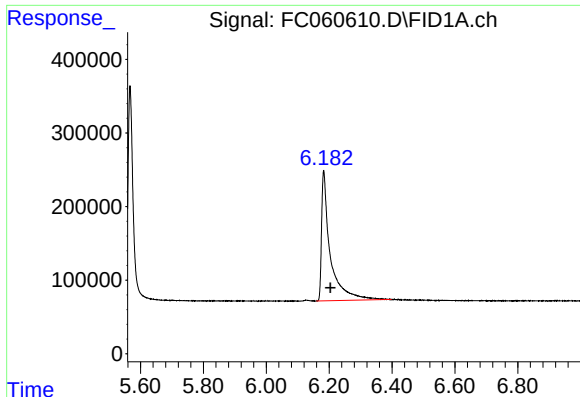
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.018 min
Response: 3404281
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

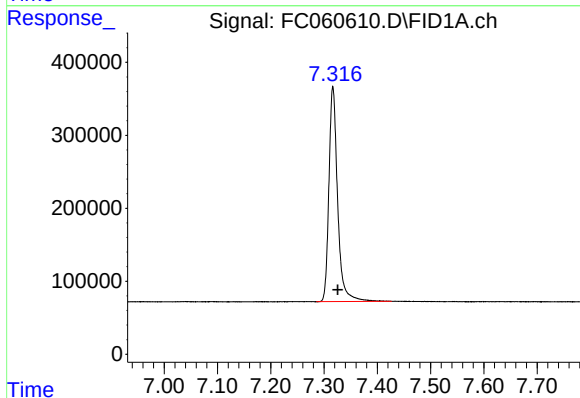
R.T.: 5.567 min
Delta R.T.: -0.007 min
Response: 3307817
Conc: 20.47 ug/ml



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

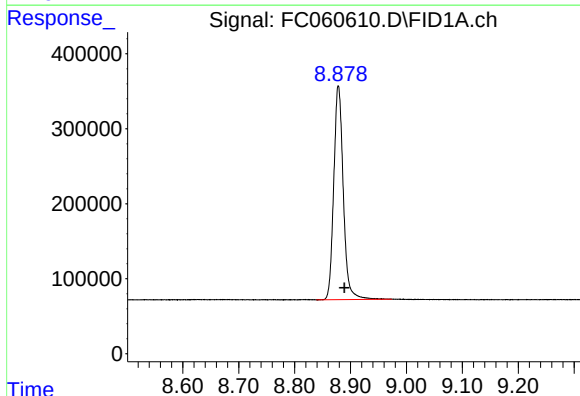
R.T.: 6.183 min
Delta R.T.: -0.021 min
Response: 3404534
Conc: 20.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



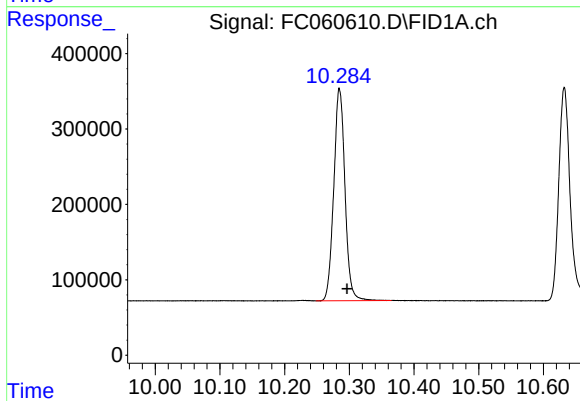
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.009 min
Response: 3339216
Conc: 20.21 ug/ml



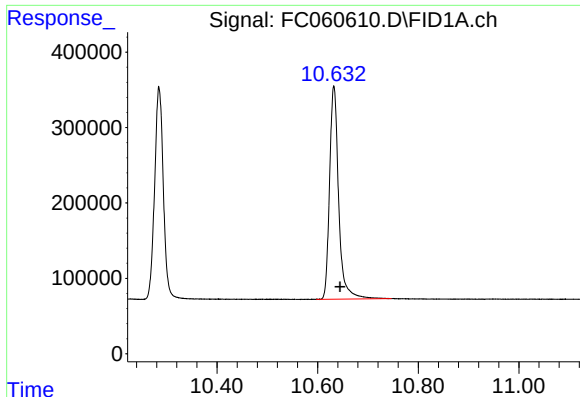
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.010 min
Response: 3375386
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

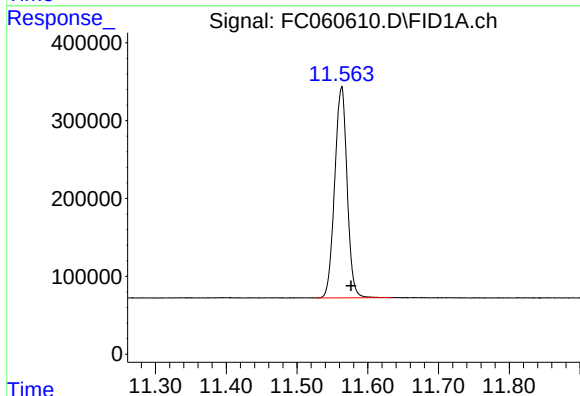
R.T.: 10.285 min
Delta R.T.: -0.012 min
Response: 3384891
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

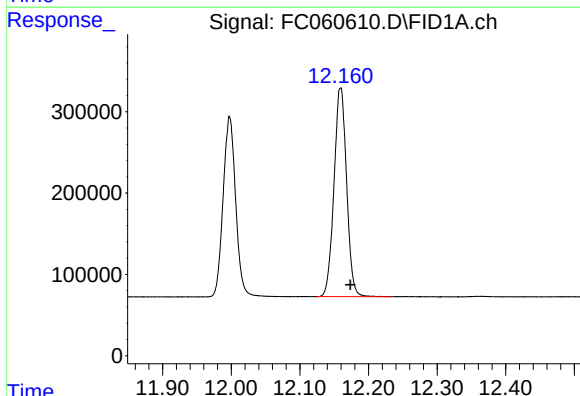
R.T.: 10.632 min
Delta R.T.: -0.012 min
Response: 3549125
Conc: 19.37 ug/ml

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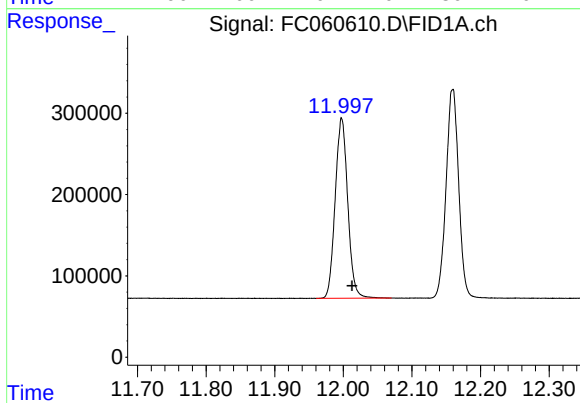
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: -0.013 min
Response: 3305171
Conc: 19.37 ug/ml



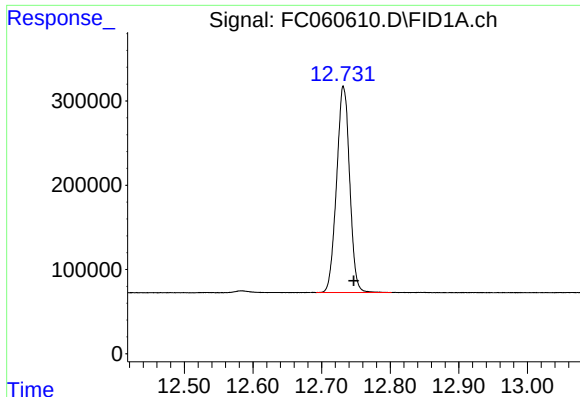
#11 n-Heneicosane (C21)

R.T.: 12.159 min
Delta R.T.: -0.015 min
Response: 3278544
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

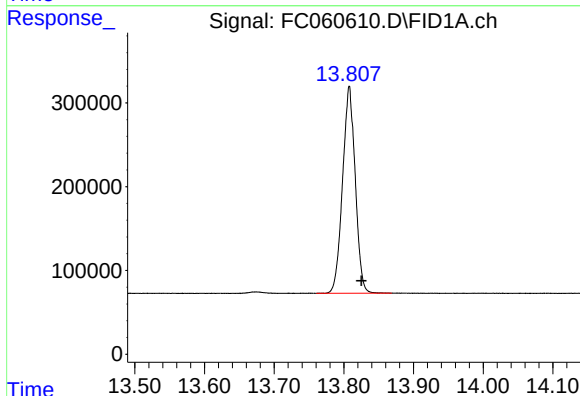
R.T.: 11.998 min
Delta R.T.: -0.015 min
Response: 2816675
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

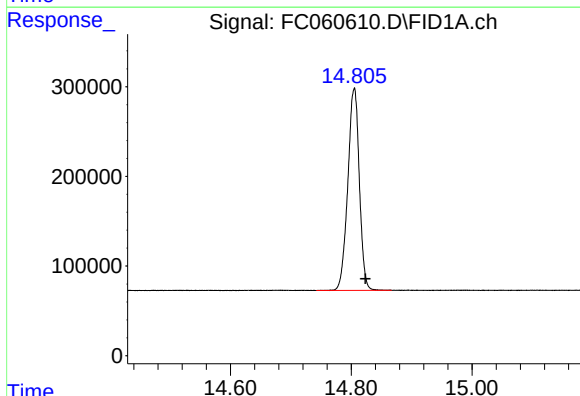
R.T.: 12.732 min
Delta R.T.: -0.015 min
Response: 3239728
Conc: 19.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



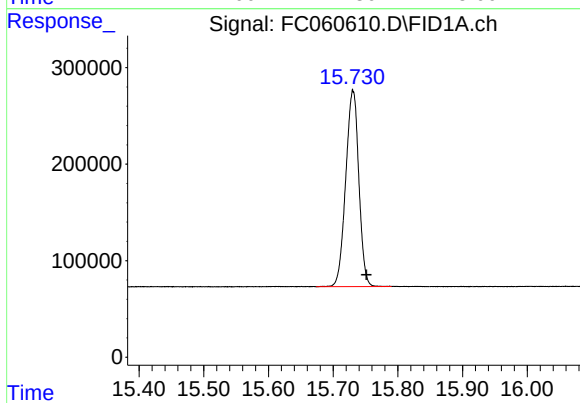
#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: -0.018 min
Response: 3121073
Conc: 18.59 ug/ml



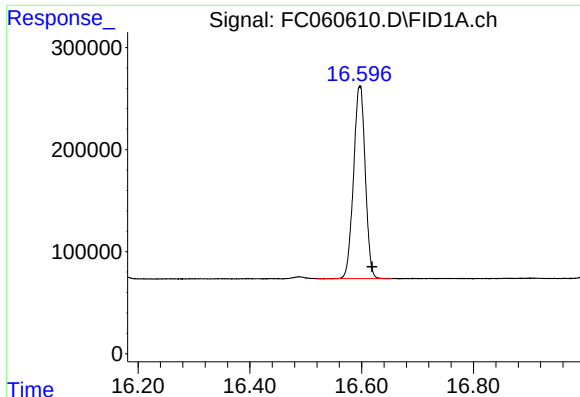
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: -0.019 min
Response: 2990843
Conc: 18.20 ug/ml



#16 n-Octacosane (C28)

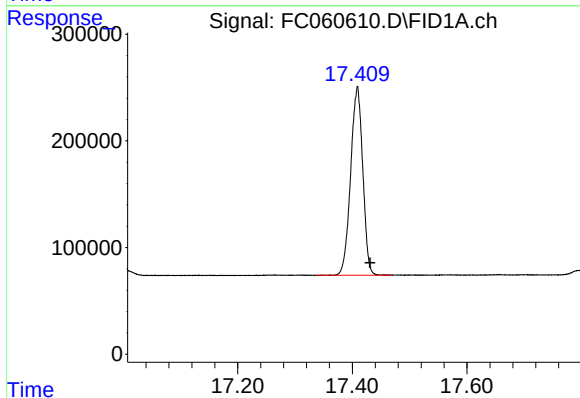
R.T.: 15.731 min
Delta R.T.: -0.021 min
Response: 2860104
Conc: 18.02 ug/ml



#17 n-Tricontane (C30)

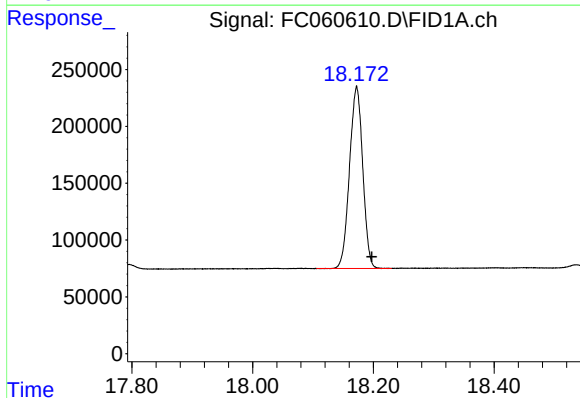
R.T.: 16.597 min
Delta R.T.: -0.022 min
Response: 2744059
Conc: 18.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



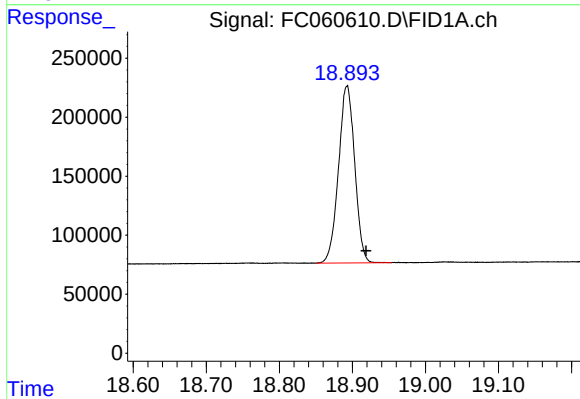
#18 n-Dotriacontane (C32)

R.T.: 17.409 min
Delta R.T.: -0.023 min
Response: 2589877
Conc: 17.82 ug/ml



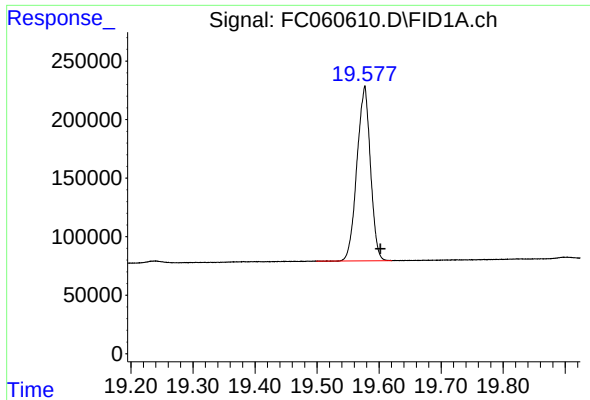
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: -0.025 min
Response: 2431238
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

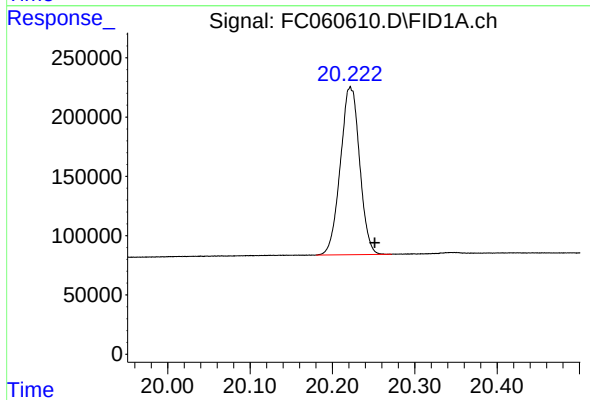
R.T.: 18.893 min
Delta R.T.: -0.026 min
Response: 2310070
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.577 min
Delta R.T.: -0.026 min
Response: 2253339
Conc: 20.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.222 min
Delta R.T.: -0.029 min
Response: 2294768
Conc: 20.32 ug/ml