

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101722AL\
 Data File : FC061828.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2022 18:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 17 23:30:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.587	3393528	22.830 ug/ml
Spiked Amount 50.000		Recovery =	45.66%
12) S 1-chlorooctadecane (S...	13.025	2662826	22.857 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
Target Compounds			
1) T n-Nonane (C9)	3.344	3237885	23.019 ug/ml
2) T n-Decane (C10)	4.411	3278711	22.969 ug/ml
3) T A~Naphthalene (C11.7)	5.996	3553273	23.020 ug/ml
4) T n-Dodecane (C12)	6.428	3328328	22.927 ug/ml
5) T A~2-methylnaphthalene...	7.053	3480175	22.942 ug/ml
6) T n-Tetradecane (C14)	8.225	3325709	22.879 ug/ml
7) T n-Hexadecane (C16)	9.827	3324540	22.829 ug/ml
8) T n-Octadecane (C18)	11.271	3301742	22.843 ug/ml
10) T n-Eicosane (C20)	12.580	3218348	22.803 ug/ml
11) T n-Heneicosane (C21)	13.192	3168564	22.836 ug/ml
13) T n-Docosane (C22)	13.779	3109936	22.685 ug/ml
14) T n-Tetracosane (C24)	14.882	2962861	22.424 ug/ml
15) T n-Hexacosane (C26)	15.903	2817665	22.361 ug/ml
16) T n-Octacosane (C28)	16.853	2680196	22.223 ug/ml
17) T n-Tricontane (C30)	17.740	2650086	22.273 ug/ml
18) T n-Dotriacontane (C32)	18.573	2624443	22.275 ug/ml
19) T n-Tetratriacontane (C34)	19.356	2537284	22.459 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2568065	22.644 ug/ml
21) T n-Octatriacontane (C38)	20.834	2548600	22.651 ug/ml
22) T n-Tetracontane (C40)	21.751	2515356	22.405 ug/ml

(f)=RT Delta > 1/2 Window

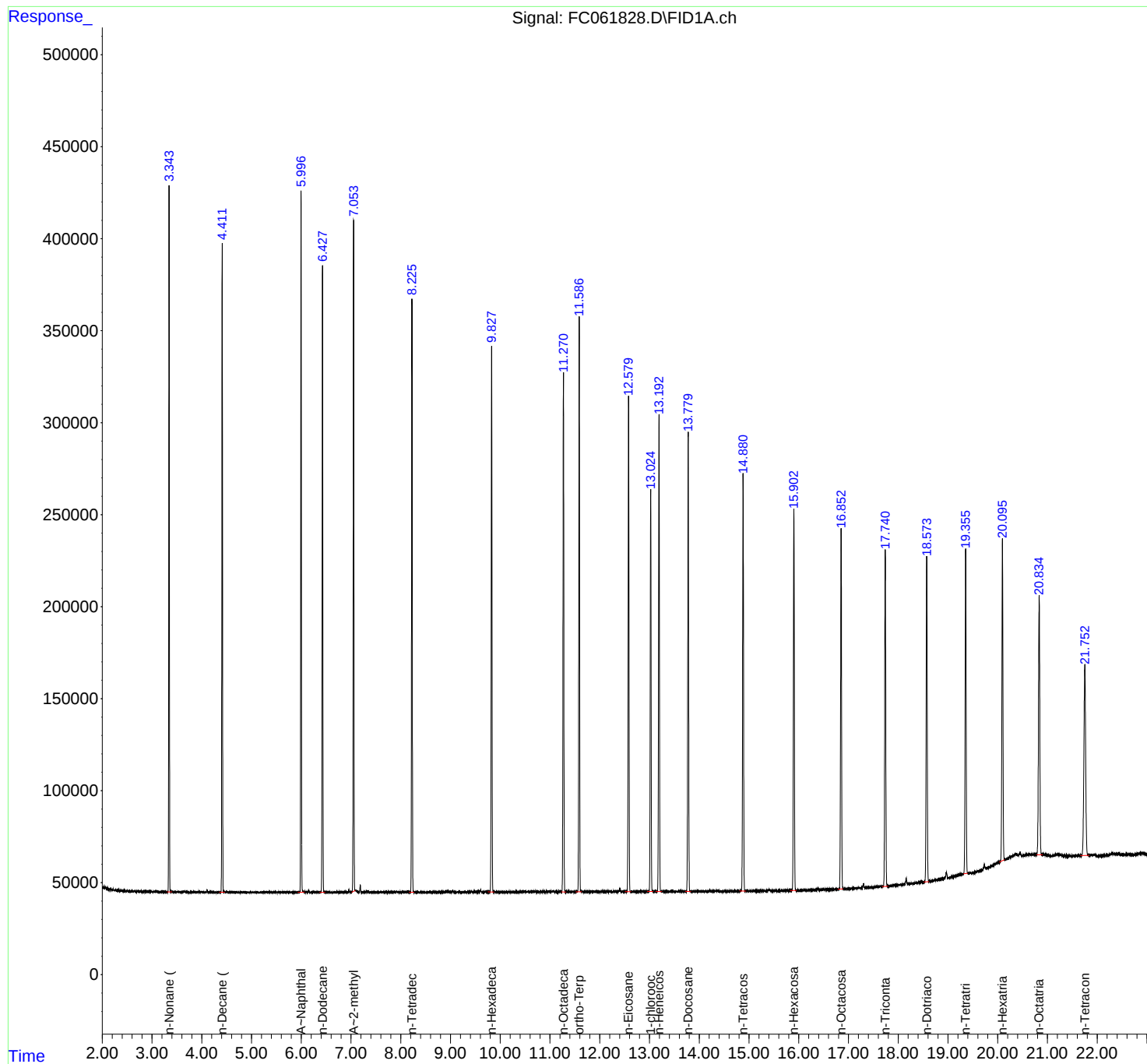
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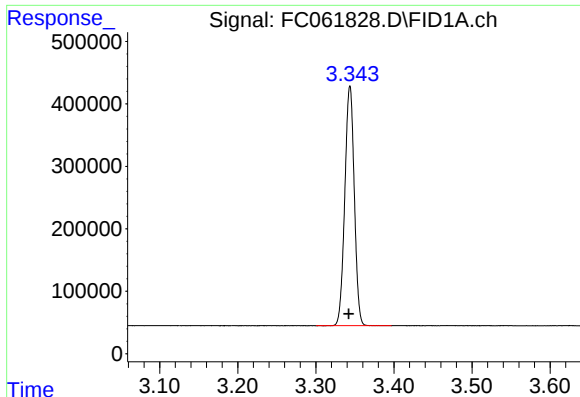
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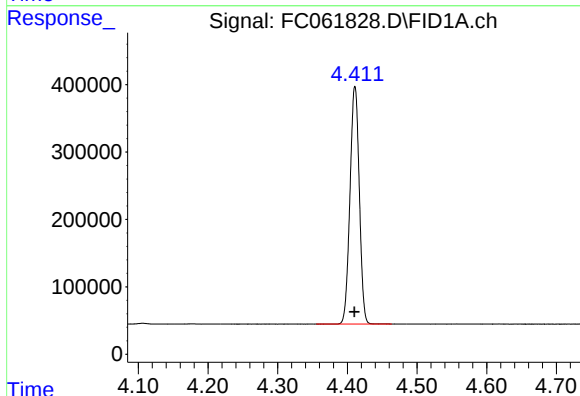




#1 n-Nonane (C9)

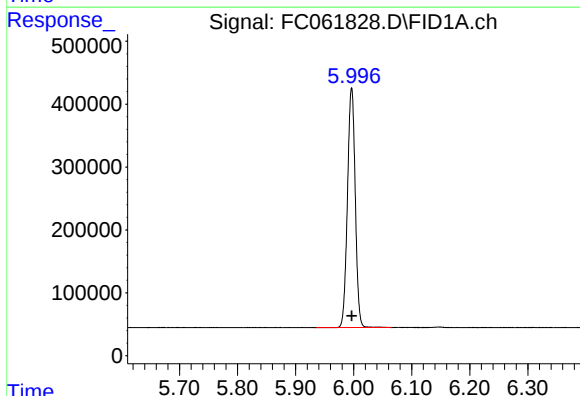
R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 3237885
Conc: 23.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



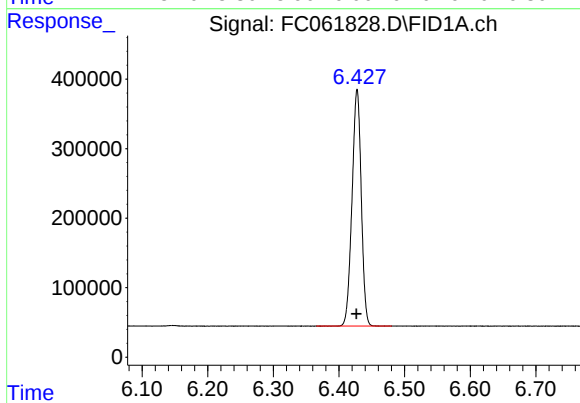
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 3278711
Conc: 22.97 ug/ml



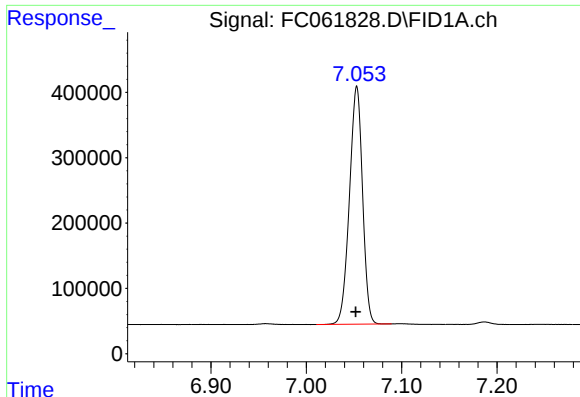
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 3553273
Conc: 23.02 ug/ml



#4 n-Dodecane (C12)

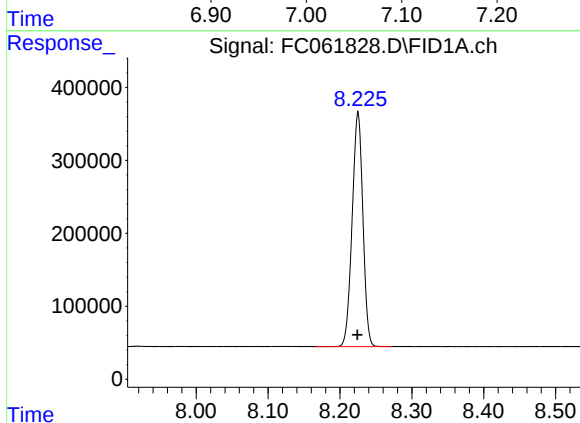
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 3328328
Conc: 22.93 ug/ml



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

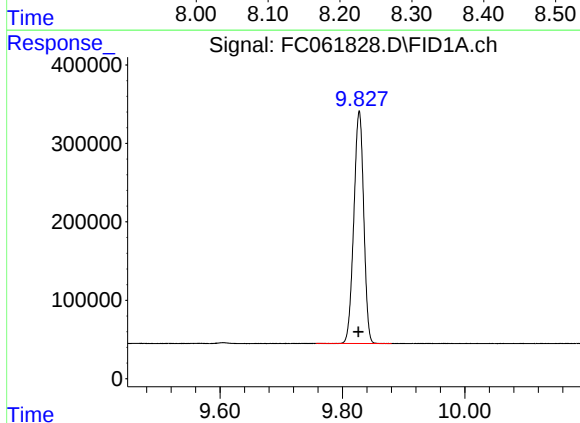
R.T.: 7.053 min
Delta R.T.: 0.001 min
Response: 3480175
Conc: 22.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



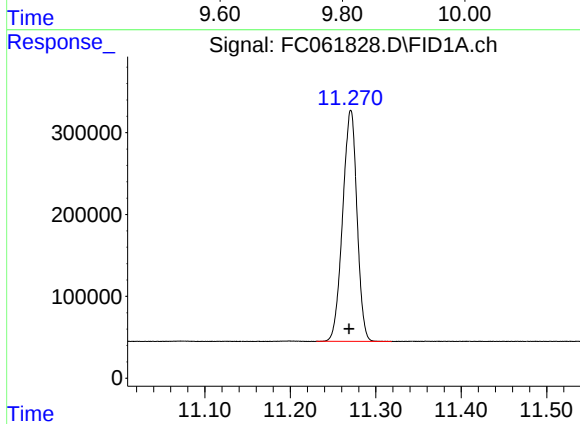
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 3325709
Conc: 22.88 ug/ml



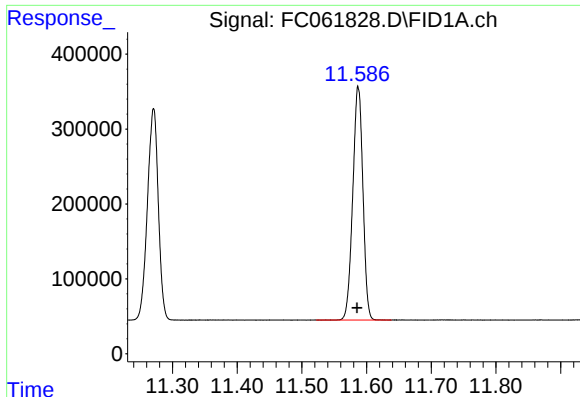
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 3324540
Conc: 22.83 ug/ml



#8 n-Octadecane (C18)

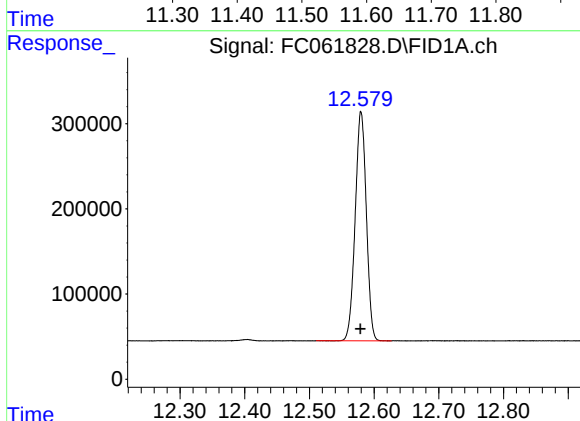
R.T.: 11.271 min
Delta R.T.: 0.002 min
Response: 3301742
Conc: 22.84 ug/ml



#9 ortho-Terphenyl (SURR)

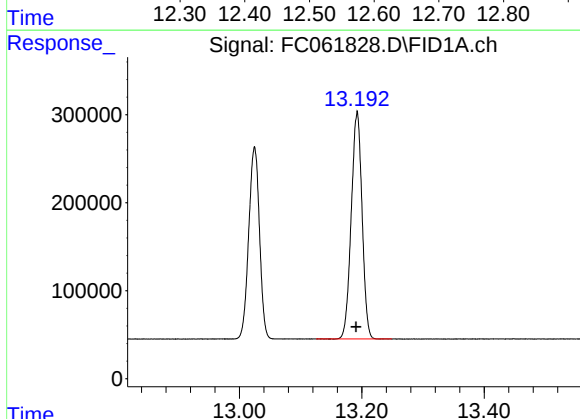
R.T.: 11.587 min
Delta R.T.: 0.002 min
Response: 3393528
Conc: 22.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



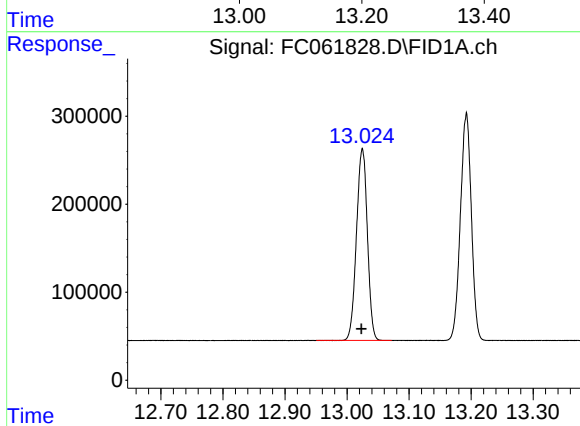
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.000 min
Response: 3218348
Conc: 22.80 ug/ml



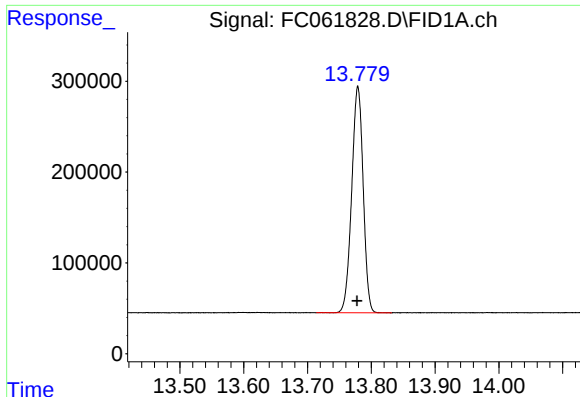
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.001 min
Response: 3168564
Conc: 22.84 ug/ml



#12 1-chlorooctadecane (SURR)

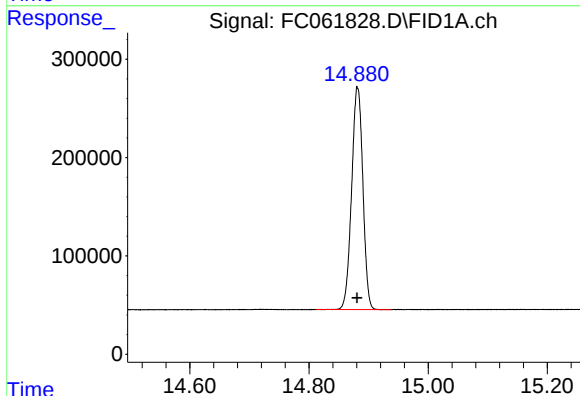
R.T.: 13.025 min
Delta R.T.: 0.001 min
Response: 2662826
Conc: 22.86 ug/ml



#13 n-Docosane (C22)

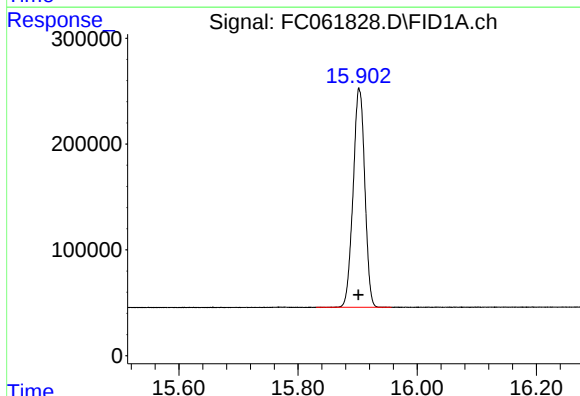
R.T.: 13.779 min
Delta R.T.: 0.002 min
Response: 3109936
Conc: 22.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



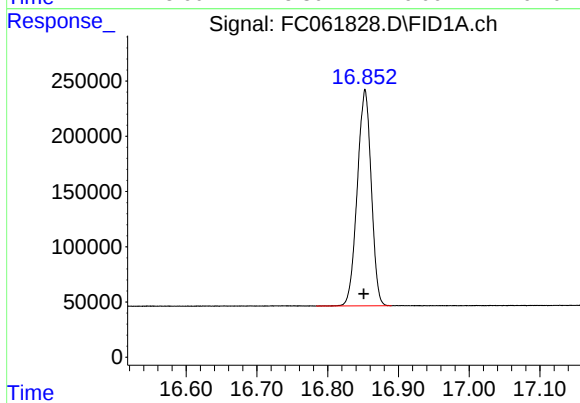
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.001 min
Response: 2962861
Conc: 22.42 ug/ml



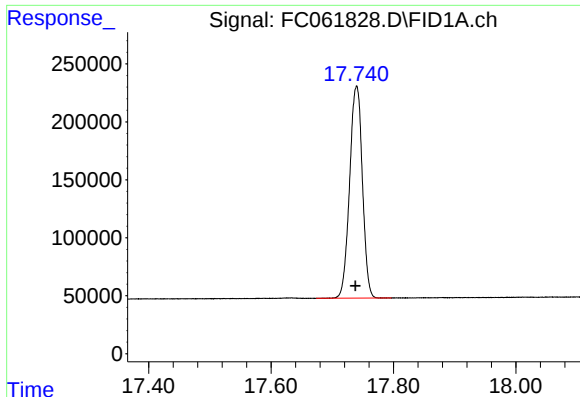
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.001 min
Response: 2817665
Conc: 22.36 ug/ml



#16 n-Octacosane (C28)

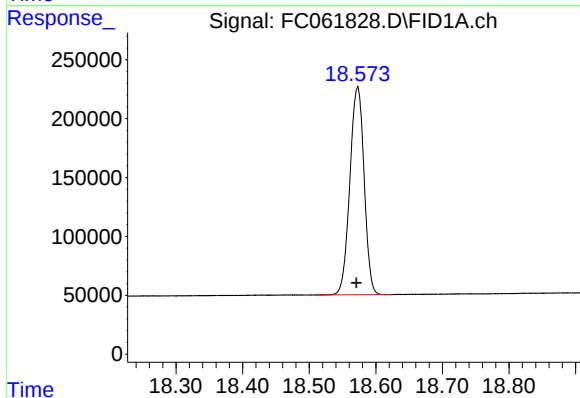
R.T.: 16.853 min
Delta R.T.: 0.002 min
Response: 2680196
Conc: 22.22 ug/ml



#17 n-Tricontane (C30)

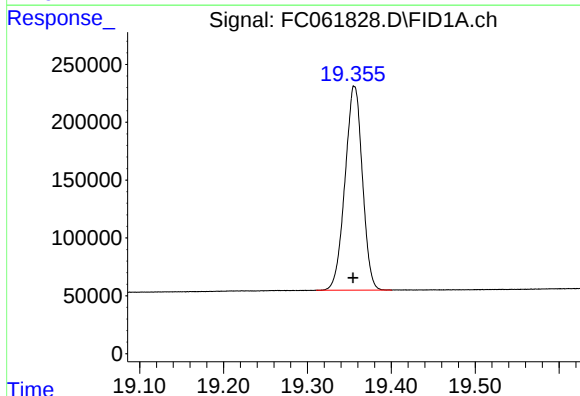
R.T.: 17.740 min
Delta R.T.: 0.002 min
Response: 2650086
Conc: 22.27 ug/ml

Instrument :
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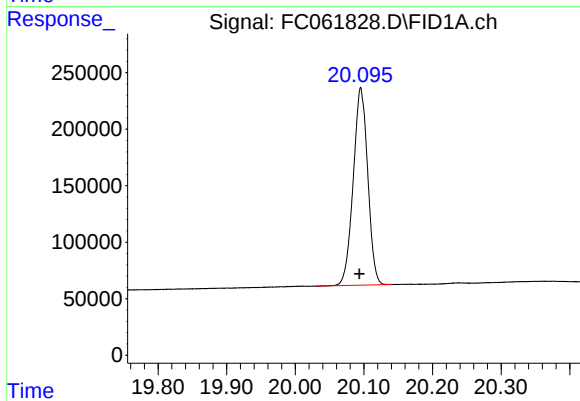
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: 0.002 min
Response: 2624443
Conc: 22.27 ug/ml



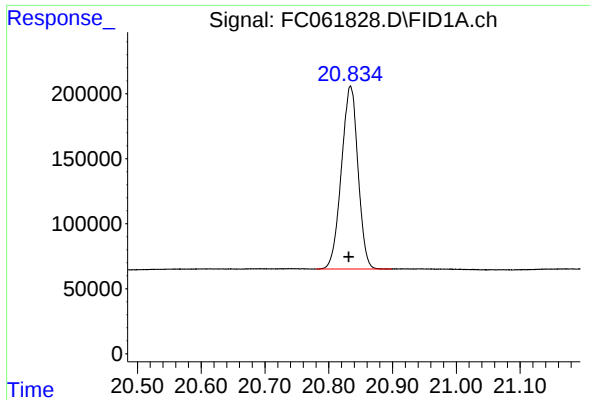
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: 0.002 min
Response: 2537284
Conc: 22.46 ug/ml



#20 n-Hexatriacontane (C36)

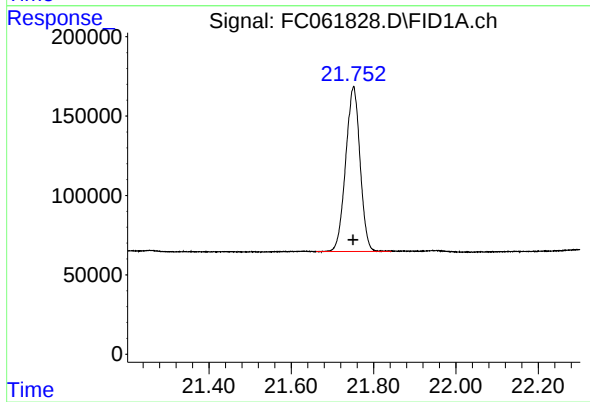
R.T.: 20.096 min
Delta R.T.: 0.002 min
Response: 2568065
Conc: 22.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.003 min
Response: 2548600
Conc: 22.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.751 min
Delta R.T.: 0.001 min
Response: 2515356
Conc: 22.40 ug/ml