

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103122AL\
 Data File : FC062043.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2022 14:06
 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: Oct 31 18:28:16 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)	11.584	2822436	18.988 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	13.020	2199560	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T n-Nonane (C9)	3.352	2622319	18.643 ug/ml
2) T n-Decane (C10)	4.417	2692941	18.865 ug/ml
3) T A~Naphthalene (C11.7)	6.001	2847218	18.446 ug/ml
4) T n-Dodecane (C12)	6.431	2735903	18.846 ug/ml
5) T A~2-methylnaphthalene...	7.055	2792038	18.405 ug/ml
6) T n-Tetradecane (C14)	8.227	2742839	18.869 ug/ml
7) T n-Hexadecane (C16)	9.826	2773187	19.043 ug/ml
8) T n-Octadecane (C18)	11.268	2779956	19.233 ug/ml
10) T n-Eicosane (C20)	12.576	2720669	19.277 ug/ml
11) T n-Heneicosane (C21)	13.188	2667651	19.225 ug/ml
13) T n-Docosane (C22)	13.774	2650102	19.331 ug/ml
14) T n-Tetracosane (C24)	14.876	2584960	19.564 ug/ml
15) T n-Hexacosane (C26)	15.897	2560262	20.319 ug/ml
16) T n-Octacosane (C28)	16.845	2570517	21.313 ug/ml
17) T n-Tricontane (C30)	17.732	2736551	23.000 ug/ml
18) T n-Dotriacontane (C32)	18.564	2758986	23.417 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2553064	22.599 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2437730	21.495 ug/ml
21) T n-Octatriacontane (C38)	20.822	2333608	20.740 ug/ml
22) T n-Tetracontane (C40)	21.732	2194185	19.544 ug/ml

(f)=RT Delta > 1/2 Window

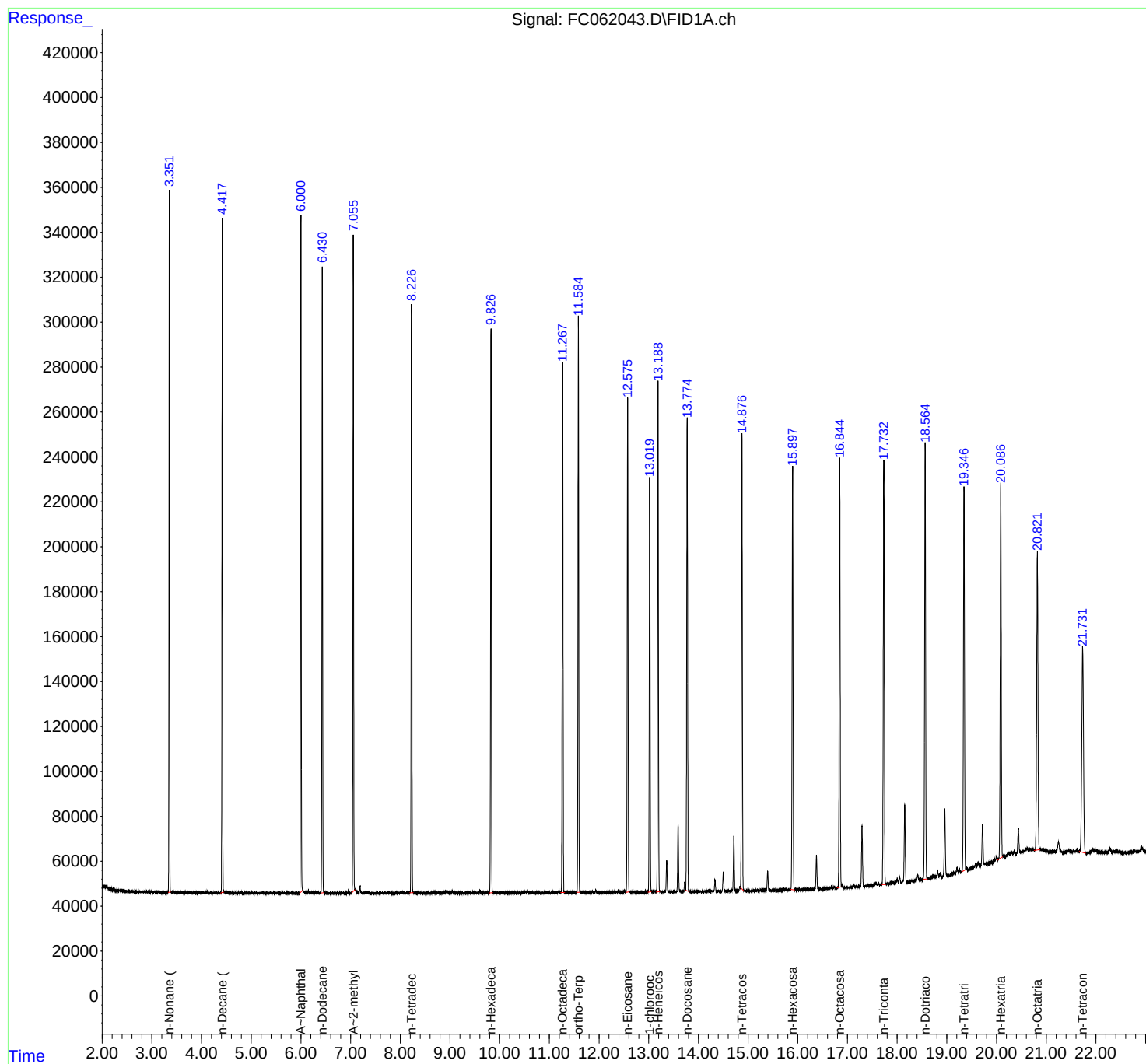
(m)=manual int.

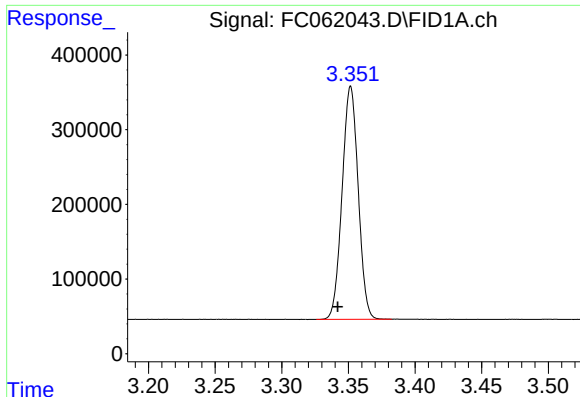
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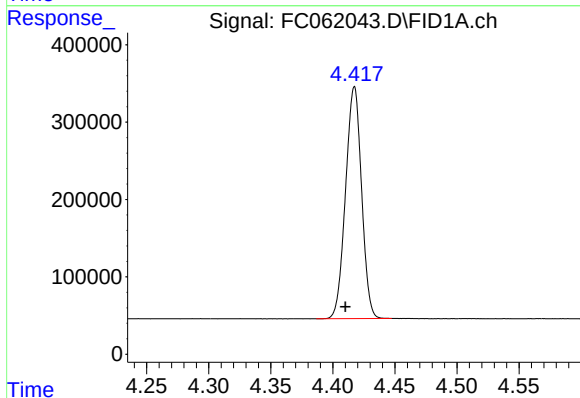




#1 n-Nonane (C9)

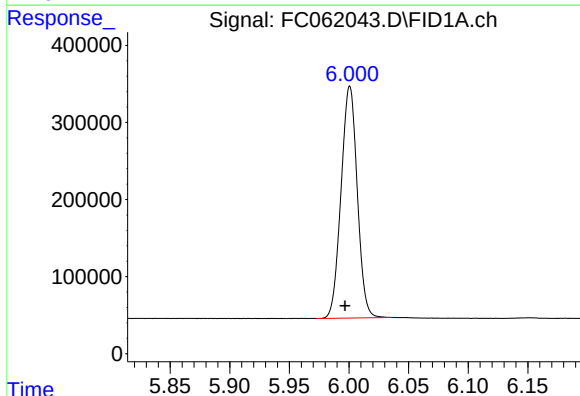
R.T.: 3.352 min
Delta R.T.: 0.010 min
Response: 2622319
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



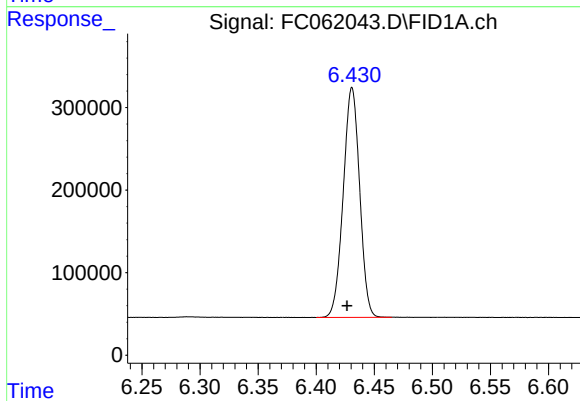
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2692941
Conc: 18.87 ug/ml



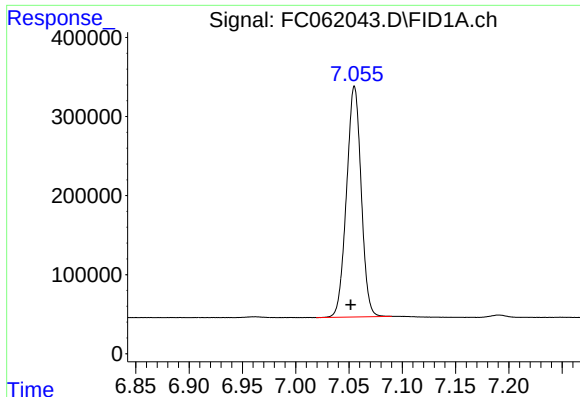
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: 0.004 min
Response: 2847218
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

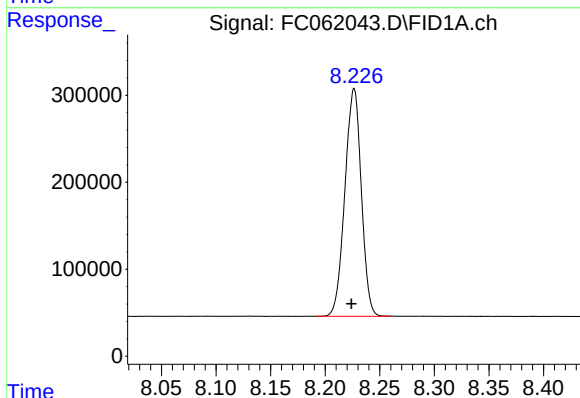
R.T.: 6.431 min
Delta R.T.: 0.004 min
Response: 2735903
Conc: 18.85 ug/ml



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

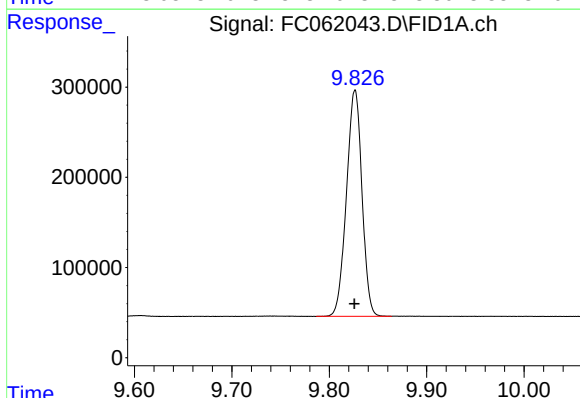
R.T.: 7.055 min
Delta R.T.: 0.003 min
Response: 2792038
Conc: 18.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



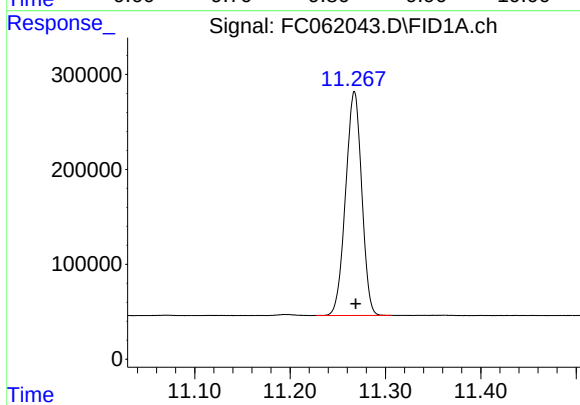
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.003 min
Response: 2742839
Conc: 18.87 ug/ml



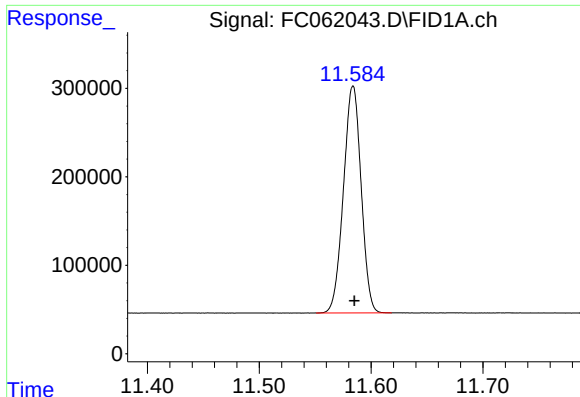
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 2773187
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

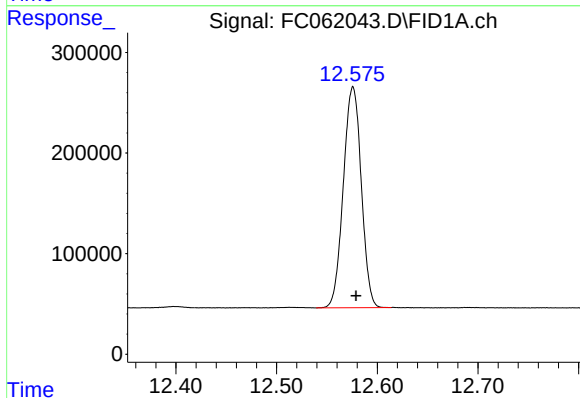
R.T.: 11.268 min
Delta R.T.: -0.001 min
Response: 2779956
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

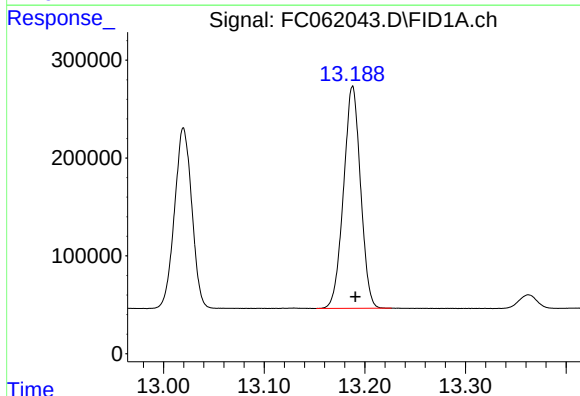
R.T.: 11.584 min
Delta R.T.: -0.001 min
Response: 2822436
Conc: 18.99 ug/ml

Instrument :
FID_C
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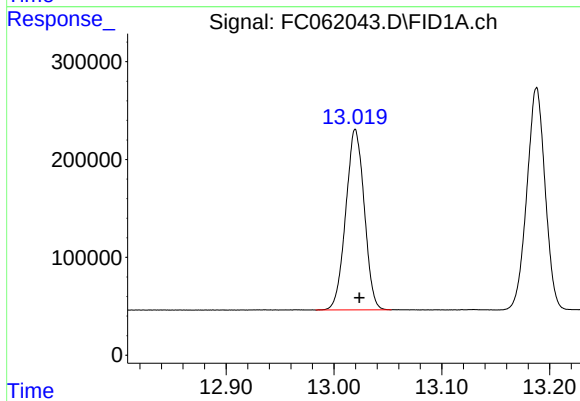
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.003 min
Response: 2720669
Conc: 19.28 ug/ml



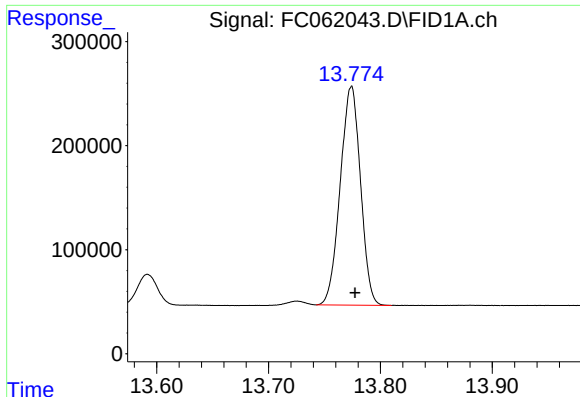
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.003 min
Response: 2667651
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

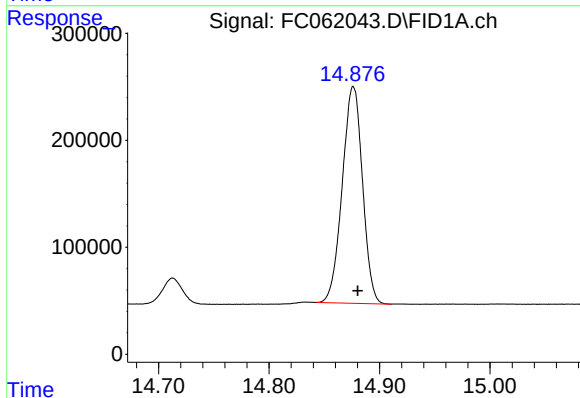
R.T.: 13.020 min
Delta R.T.: -0.004 min
Response: 2199560
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

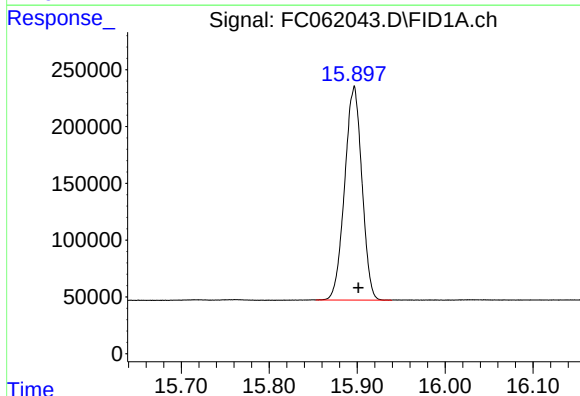
R.T.: 13.774 min
Delta R.T.: -0.003 min
Response: 2650102
Conc: 19.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



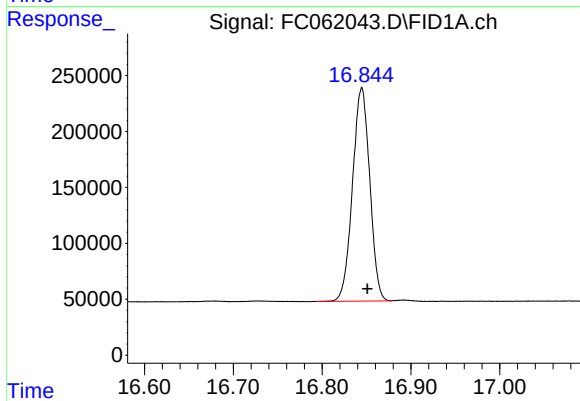
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.004 min
Response: 2584960
Conc: 19.56 ug/ml



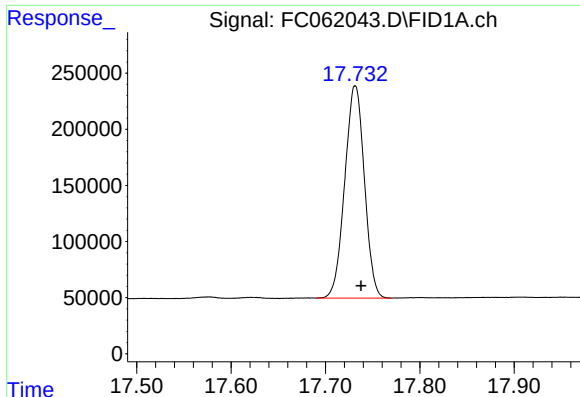
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.005 min
Response: 2560262
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

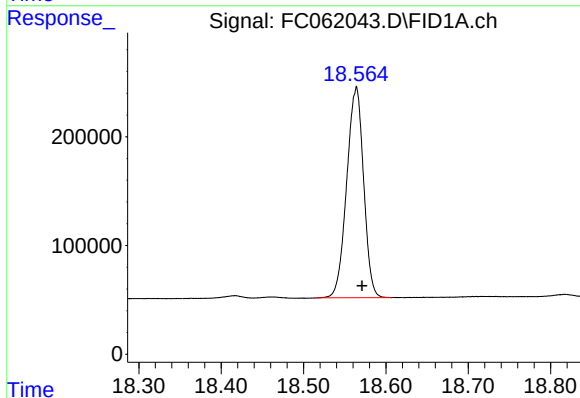
R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2570517
Conc: 21.31 ug/ml



#17 n-Tricontane (C30)

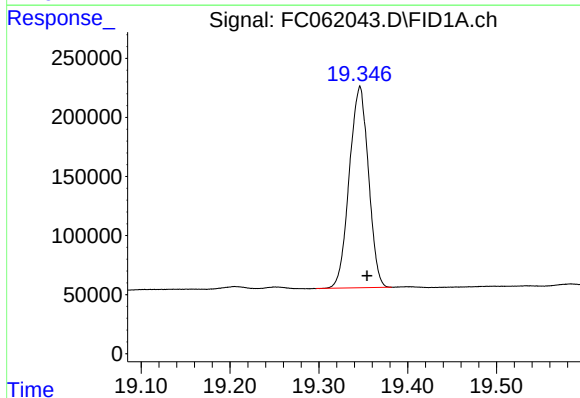
R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 2736551
Conc: 23.00 ug/ml

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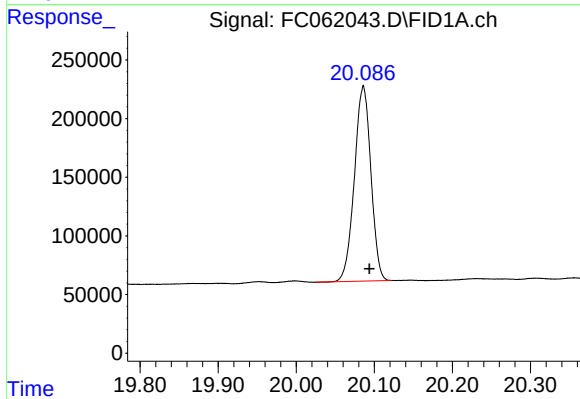
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2758986
Conc: 23.42 ug/ml



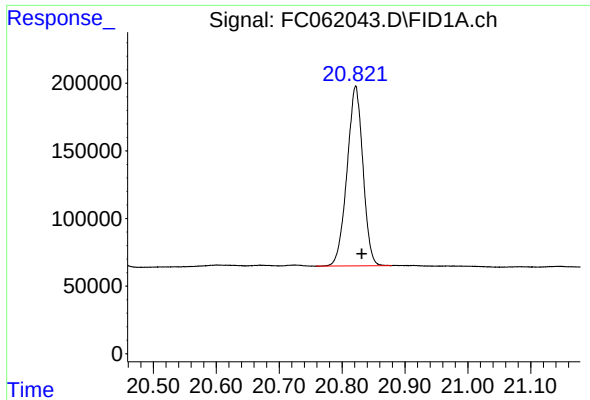
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.008 min
Response: 2553064
Conc: 22.60 ug/ml



#20 n-Hexatriacontane (C36)

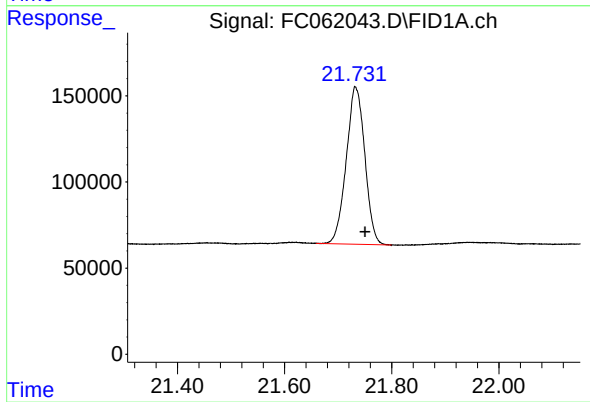
R.T.: 20.086 min
Delta R.T.: -0.008 min
Response: 2437730
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.010 min
Response: 2333608
Conc: 20.74 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.018 min
Response: 2194185
Conc: 19.54 ug/ml