

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068254.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 17:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 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)	11.400	3070458	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.842	2258872	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.208	2833506	20.000 ug/ml
2) T n-Decane (C10)	4.265	2853357	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3094970	20.000 ug/ml
4) T n-Dodecane (C12)	6.273	2824656	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.884	2932900	20.000 ug/ml
6) T n-Tetradecane (C14)	8.062	2726217	20.000 ug/ml
7) T n-Hexadecane (C16)	9.657	2745870	20.000 ug/ml
8) T n-Octadecane (C18)	11.095	2740539	20.000 ug/ml
10) T n-Eicosane (C20)	12.401	2610929	20.000 ug/ml
11) T n-Heneicosane (C21)	13.011	2556207	20.000 ug/ml
13) T n-Docosane (C22)	13.596	2524938	20.000 ug/ml
14) T n-Tetracosane (C24)	14.696	2490472	20.000 ug/ml
15) T n-Hexacosane (C26)	15.714	2438036	20.000 ug/ml
16) T n-Octacosane (C28)	16.662	2381498	20.000 ug/ml
17) T n-Tricontane (C30)	17.549	2400071	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.380	2311459	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2154239	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.900	1921336	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.611	1804172	20.000 ug/ml
22) T n-Tetracontane (C40)	21.463	1733236	20.000 ug/ml

(f)=RT Delta > 1/2 Window

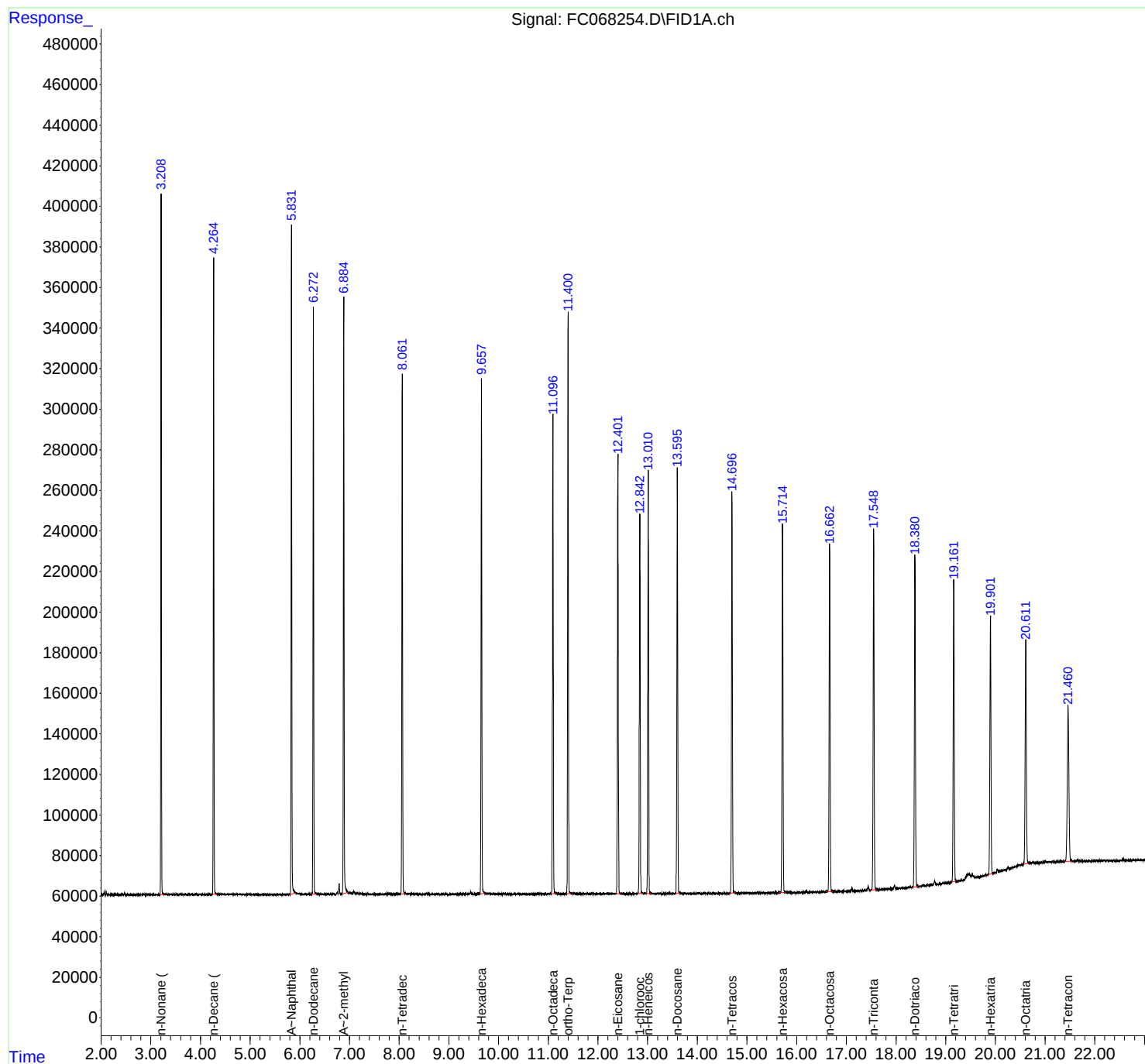
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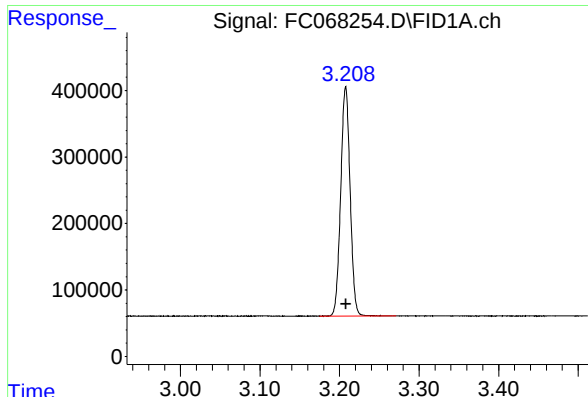
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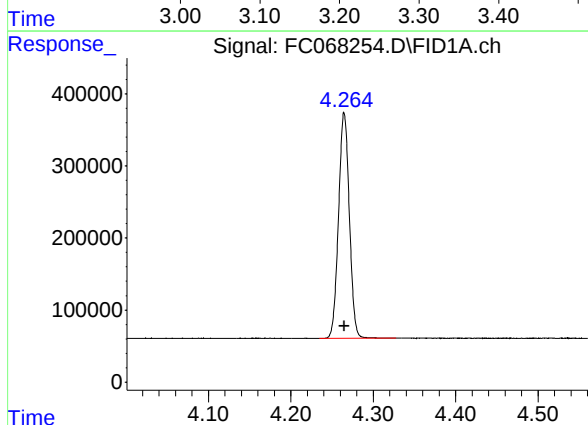




#1 n-Nonane (C9)

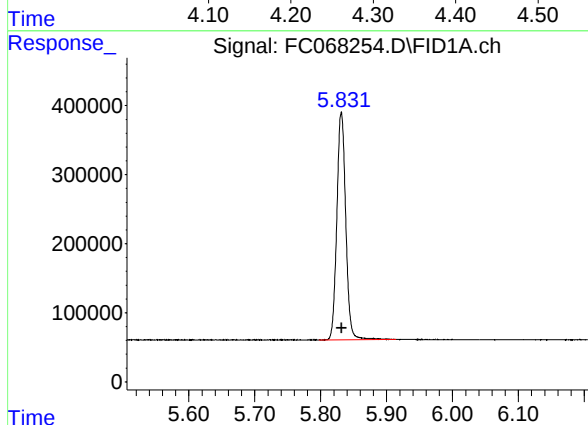
R.T.: 3.208 min
Delta R.T.: 0.000 min
Response: 2833506
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



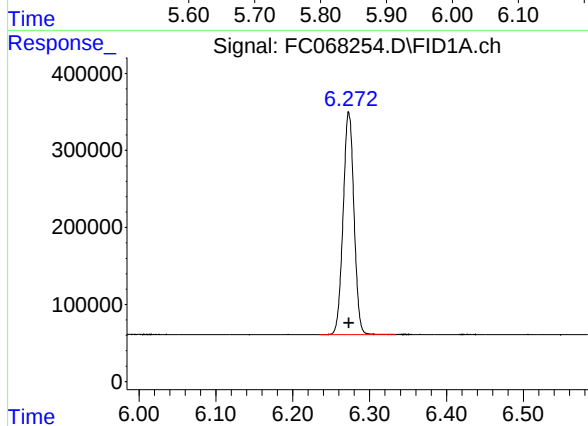
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 2853357
Conc: 20.00 ug/ml



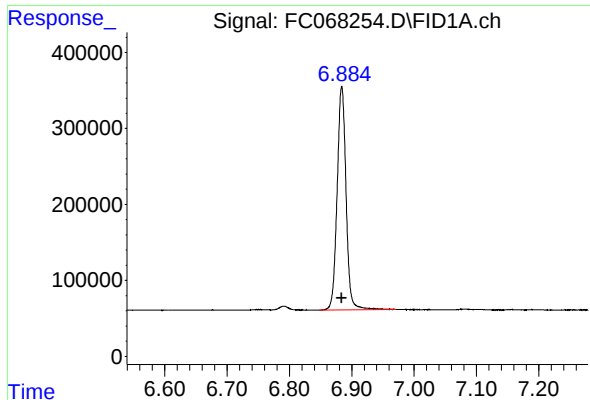
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3094970
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

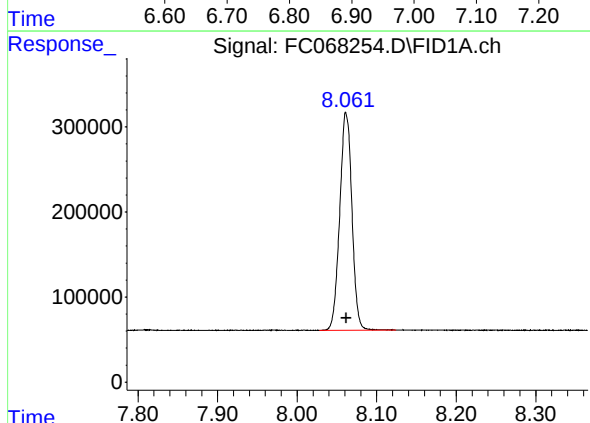
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2824656
Conc: 20.00 ug/ml



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

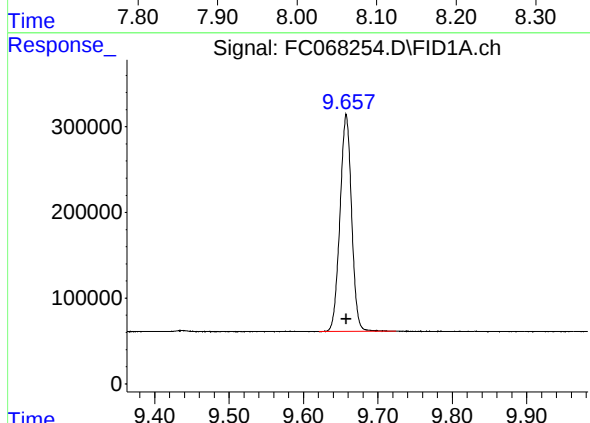
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 2932900
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



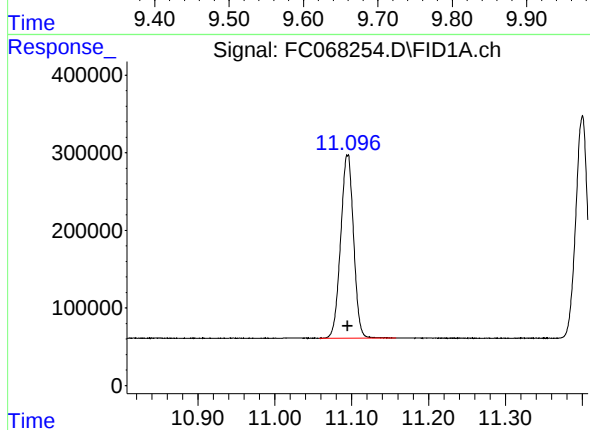
#6 n-Tetradecane (C14)

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 2726217
Conc: 20.00 ug/ml



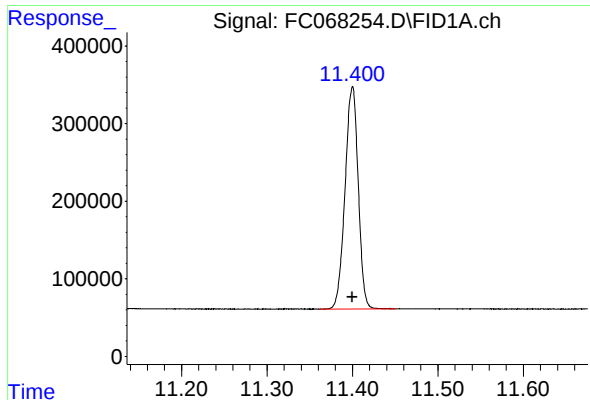
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2745870
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

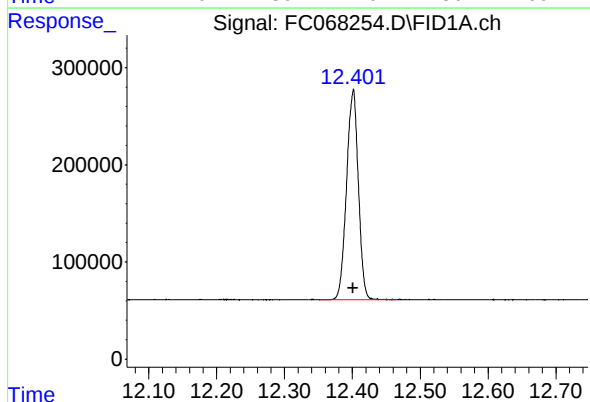
R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2740539
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

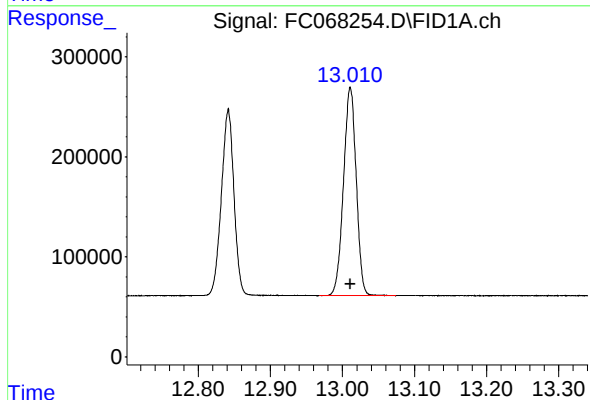
R.T.: 11.400 min
Delta R.T.: 0.000 min
Response: 3070458
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



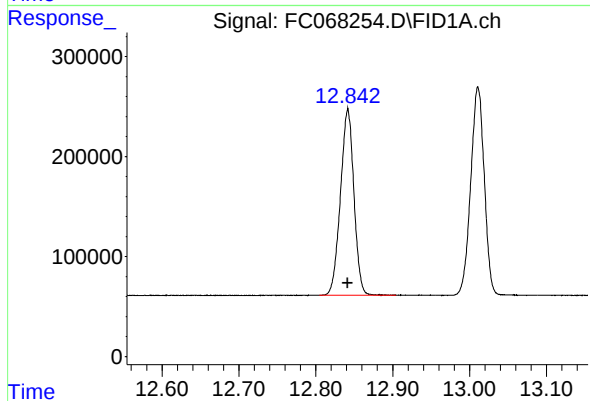
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 2610929
Conc: 20.00 ug/ml



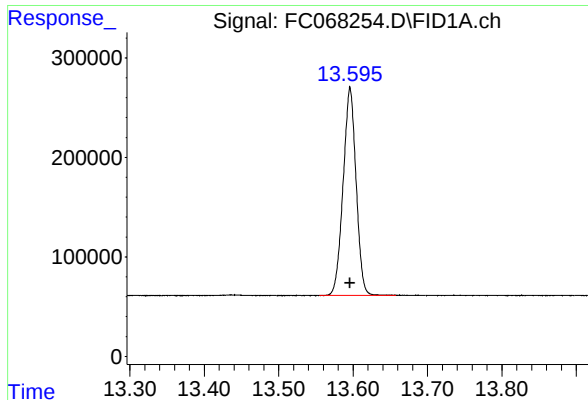
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2556207
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

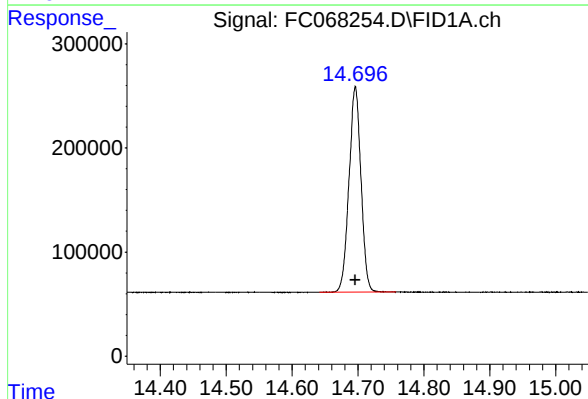
R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 2258872
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

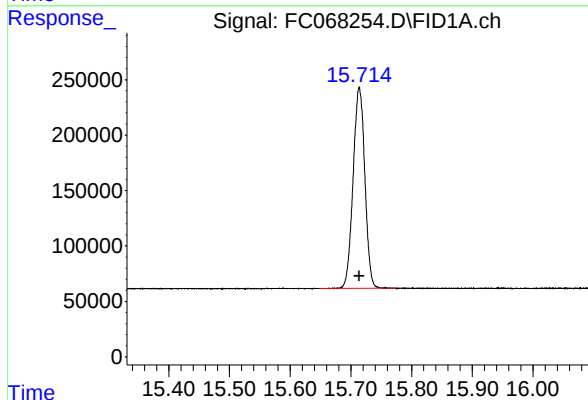
R.T.: 13.596 min
Delta R.T.: 0.000 min
Response: 2524938
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



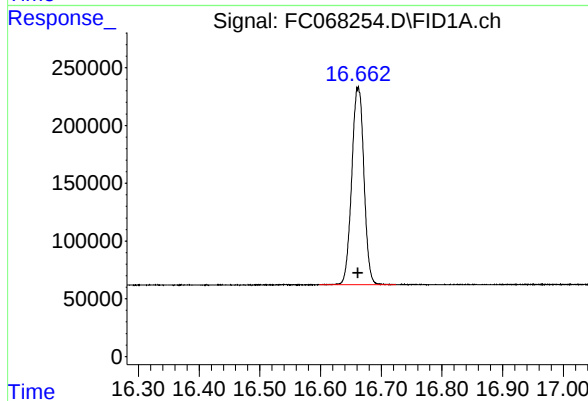
#14 n-Tetracosane (C24)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 2490472
Conc: 20.00 ug/ml



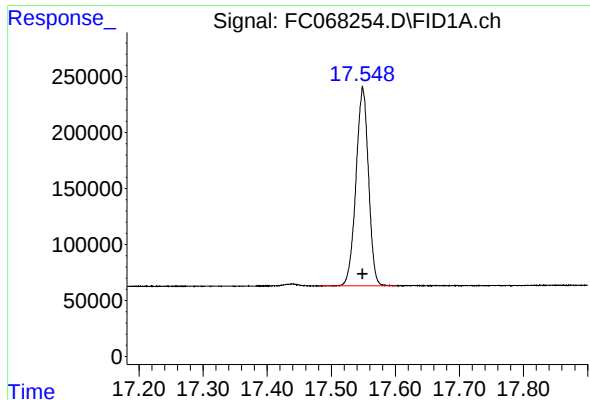
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2438036
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

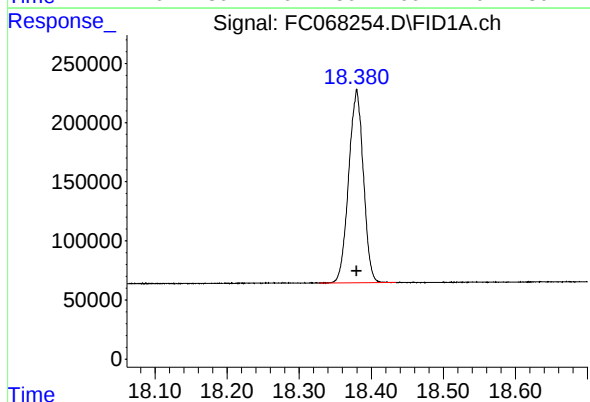
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2381498
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

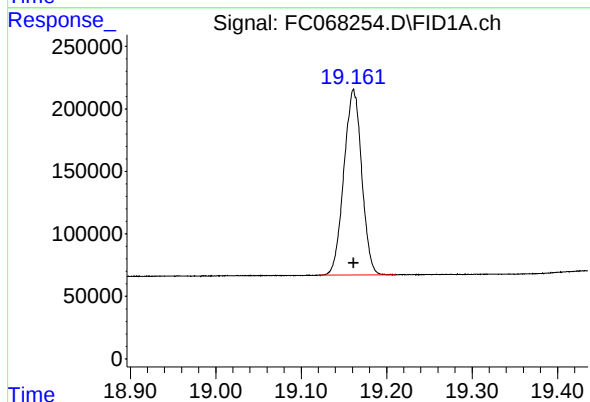
R.T.: 17.549 min
Delta R.T.: 0.000 min
Response: 2400071
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



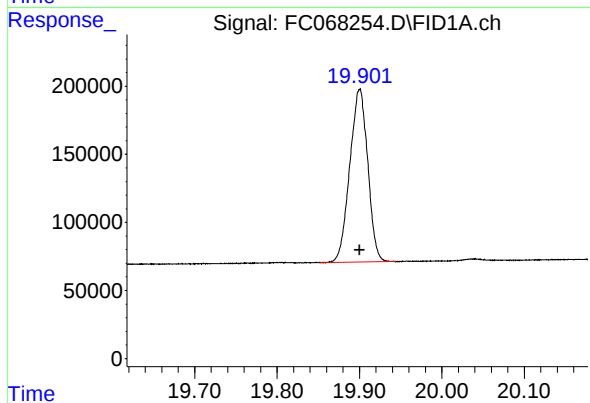
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 2311459
Conc: 20.00 ug/ml



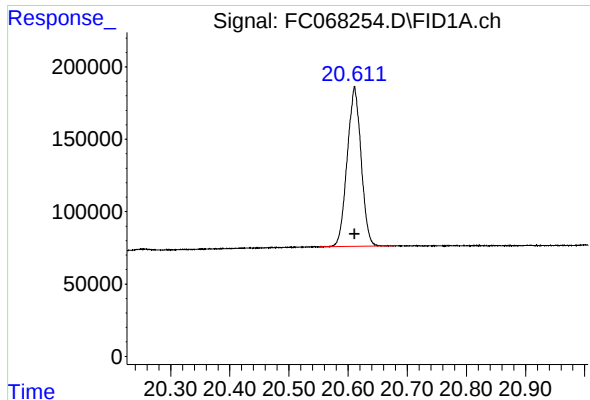
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 2154239
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

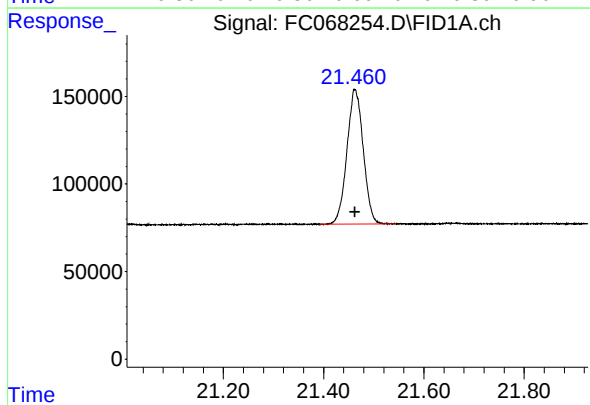
R.T.: 19.900 min
Delta R.T.: 0.000 min
Response: 1921336
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: 0.000 min
Response: 1804172
Conc: 20.00 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: 0.000 min
Response: 1733236
Conc: 20.00 ug/ml