

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050823AL\
 Data File : FC063580.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2023 14:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 09 02:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.526	3751285	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	12.964	2638623	20.150 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.301	3261636	20.372 ug/ml
2) T n-Decane (C10)	4.364	3295821	20.368 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3472036	20.450 ug/ml
4) T n-Dodecane (C12)	6.380	3328723	20.449 ug/ml
5) T A~2-methylnaphthalene...	7.003	3317551	20.511 ug/ml
6) T n-Tetradecane (C14)	8.175	3234627	20.481 ug/ml
7) T n-Hexadecane (C16)	9.774	3271528	20.393 ug/ml
8) T n-Octadecane (C18)	11.213	3270009	20.417 ug/ml
10) T n-Eicosane (C20)	12.521	3063082	20.190 ug/ml
11) T n-Heneicosane (C21)	13.131	2968589	20.257 ug/ml
13) T n-Docosane (C22)	13.716	2903796	20.123 ug/ml
14) T n-Tetracosane (C24)	14.814	2820389	20.050 ug/ml
15) T n-Hexacosane (C26)	15.833	2725467	19.957 ug/ml
16) T n-Octacosane (C28)	16.779	2628732	19.874 ug/ml
17) T n-Tricontane (C30)	17.667	2638620	19.624 ug/ml
18) T n-Dotriacontane (C32)	18.495	2574643	19.283 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2514865	19.374 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2418642	19.531 ug/ml
21) T n-Octatriacontane (C38)	20.738	2453274	19.633 ug/ml
22) T n-Tetracontane (C40)	21.629	2483382	20.201 ug/ml

(f)=RT Delta > 1/2 Window

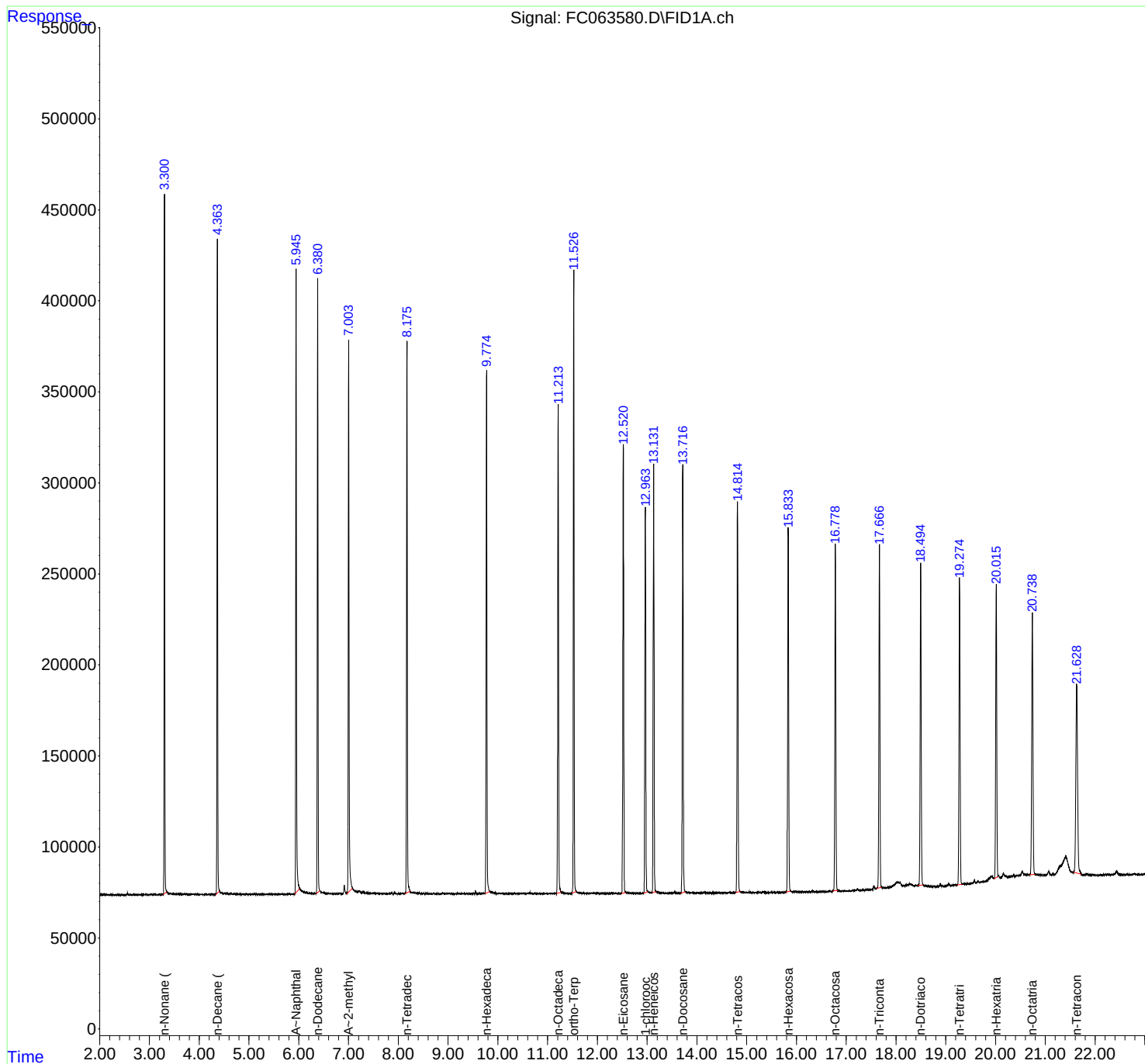
(m)=manual int.

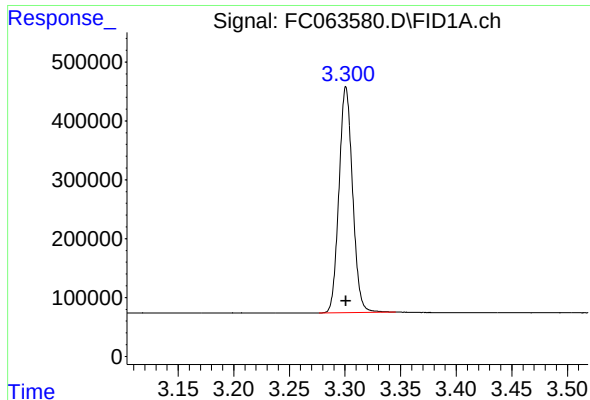
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050823AL\
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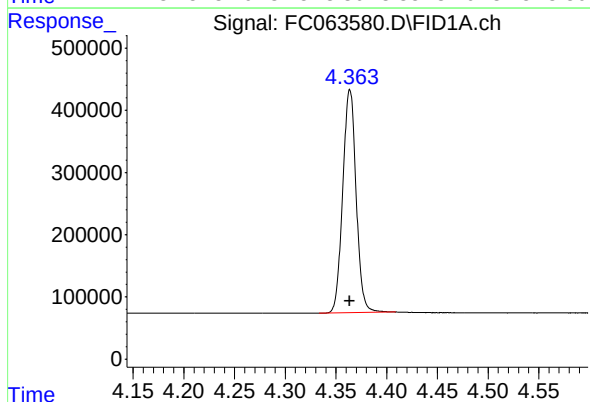




#1 n-Nonane (C9)

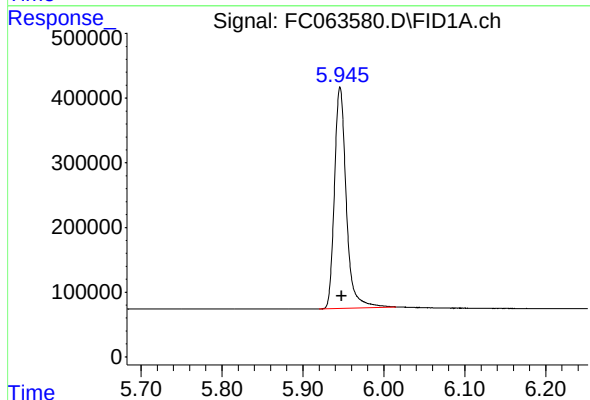
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 3261636
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



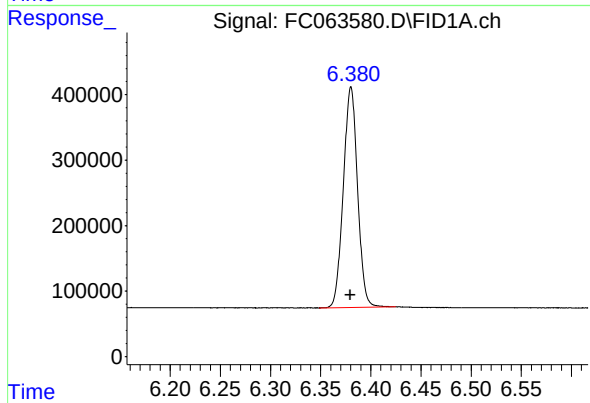
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 3295821
Conc: 20.37 ug/ml



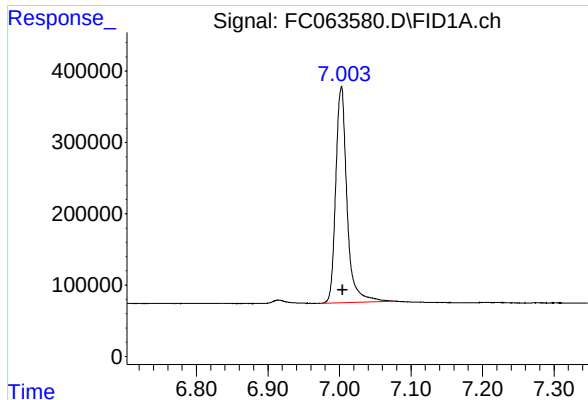
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 3472036
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

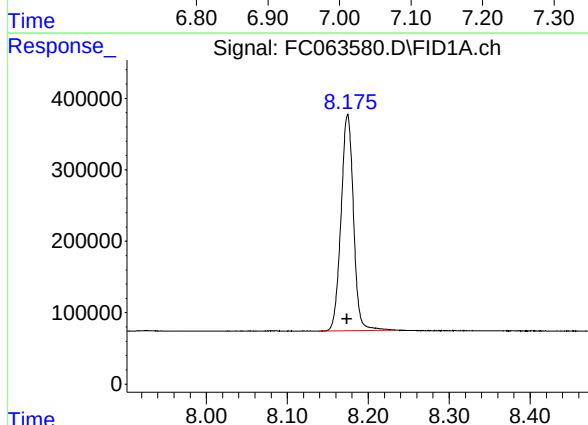
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 3328723
Conc: 20.45 ug/ml



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

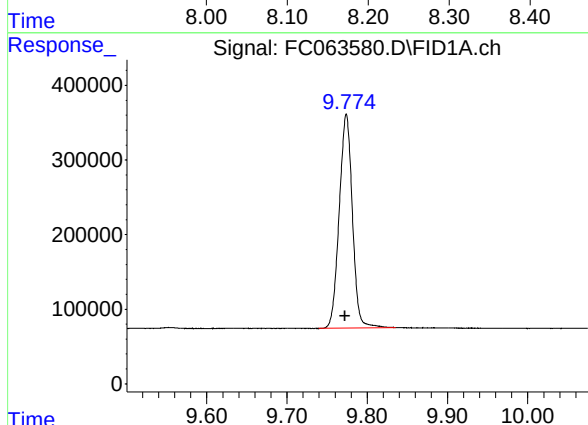
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 3317551
Conc: 20.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



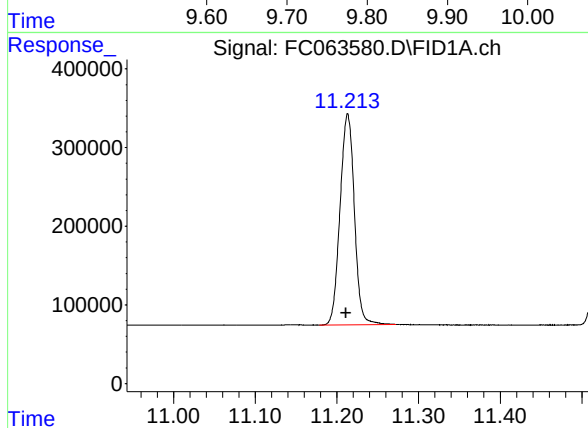
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.001 min
Response: 3234627
Conc: 20.48 ug/ml



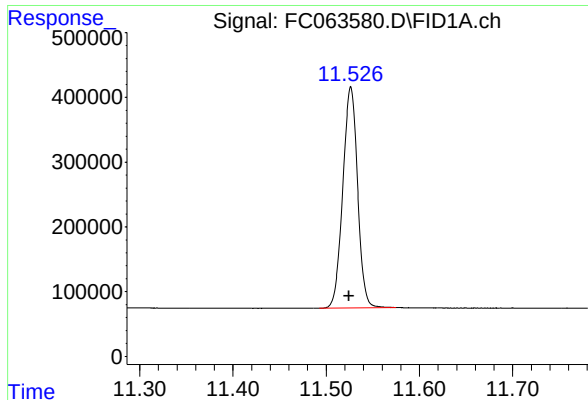
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.002 min
Response: 3271528
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

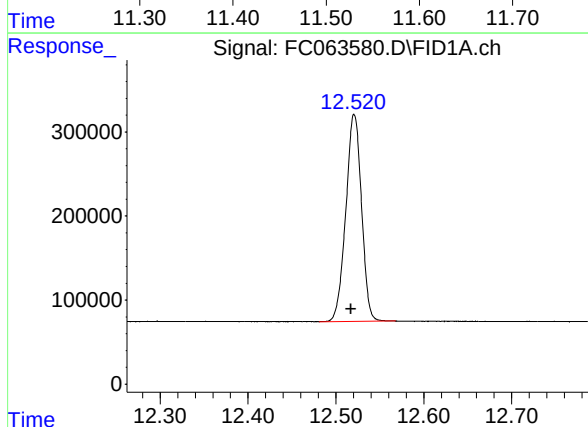
R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 3270009
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

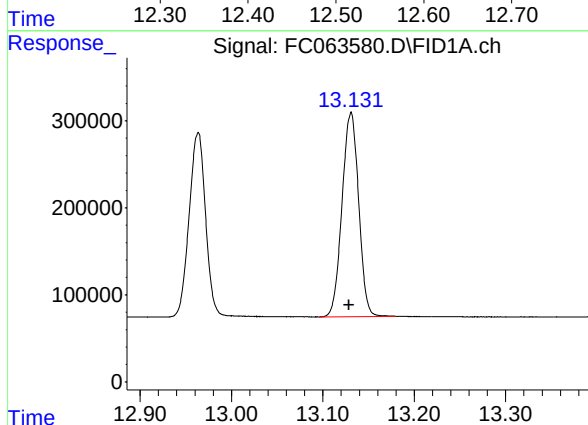
R.T.: 11.526 min
Delta R.T.: 0.002 min
Response: 3751285
Conc: 20.02 ug/ml

Instrument :
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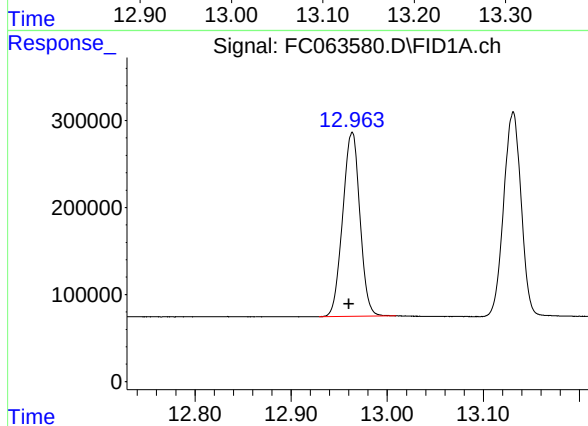
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: 0.003 min
Response: 3063082
Conc: 20.19 ug/ml



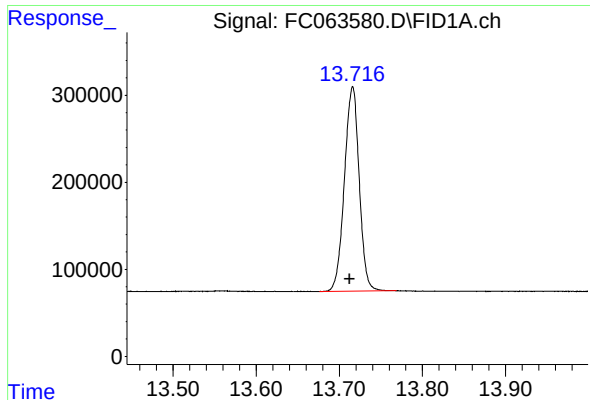
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: 0.002 min
Response: 2968589
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

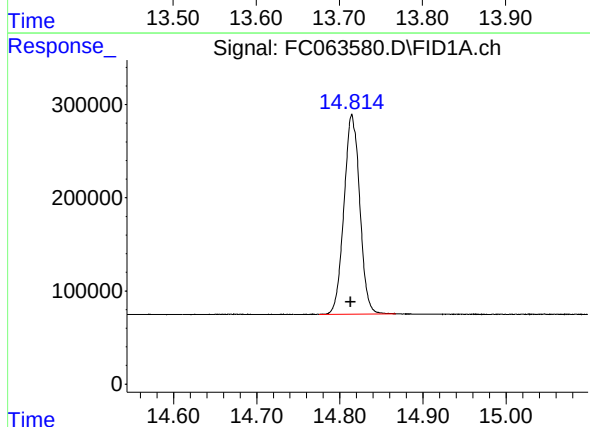
R.T.: 12.964 min
Delta R.T.: 0.003 min
Response: 2638623
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

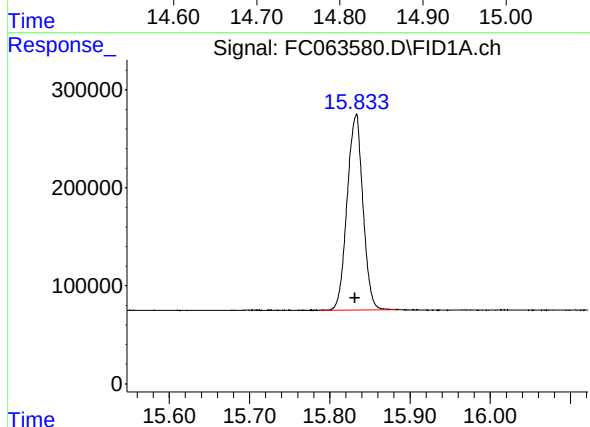
R.T.: 13.716 min
Delta R.T.: 0.004 min
Response: 2903796
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



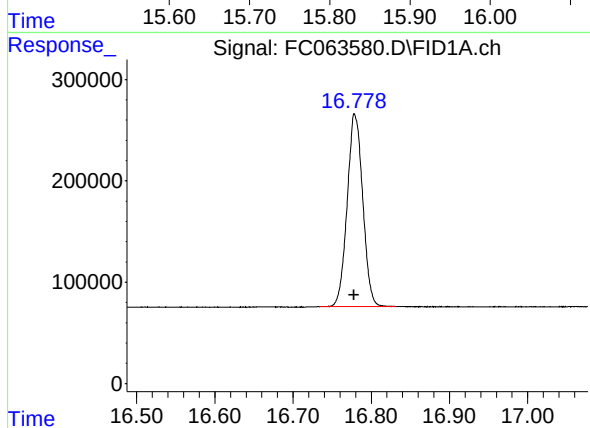
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.001 min
Response: 2820389
Conc: 20.05 ug/ml



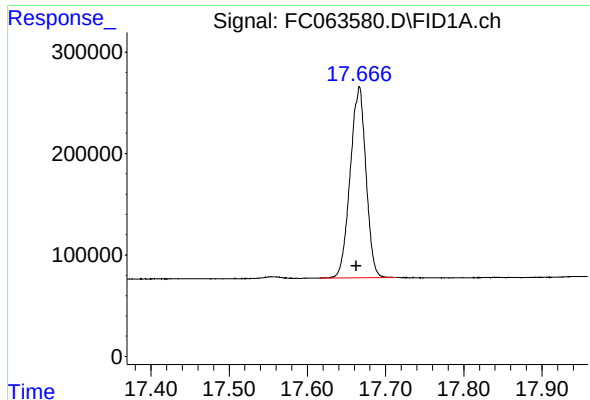
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.002 min
Response: 2725467
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

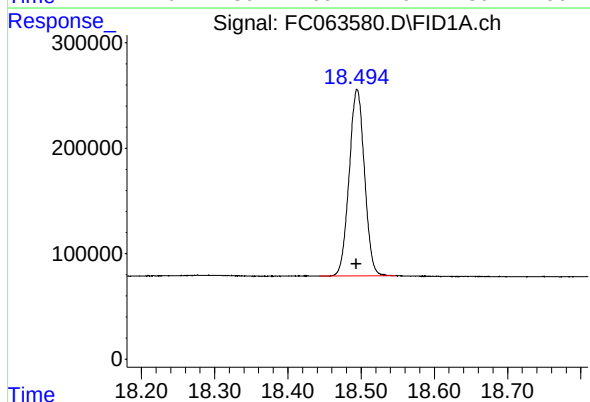
R.T.: 16.779 min
Delta R.T.: 0.001 min
Response: 2628732
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

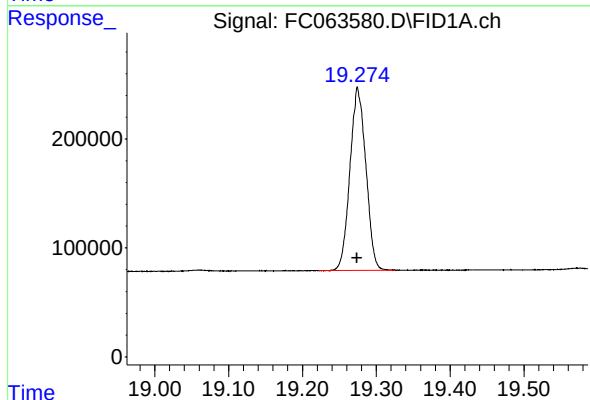
R.T.: 17.667 min
Delta R.T.: 0.004 min
Response: 2638620
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



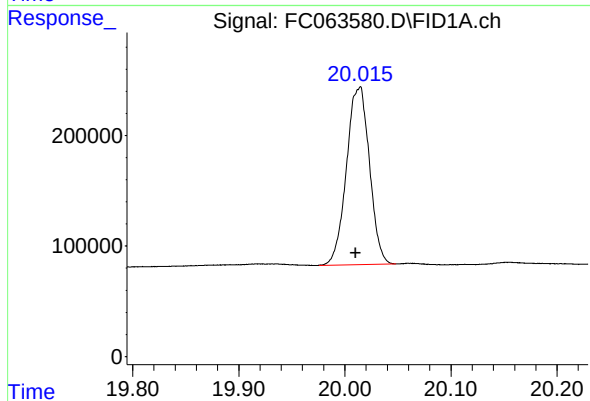
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 2574643
Conc: 19.28 ug/ml



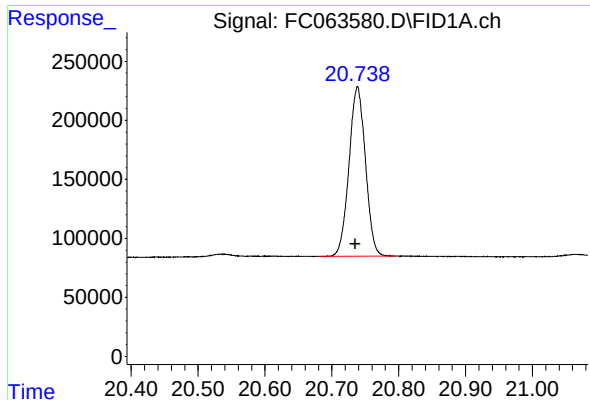
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.001 min
Response: 2514865
Conc: 19.37 ug/ml



#20 n-Hexatriacontane (C36)

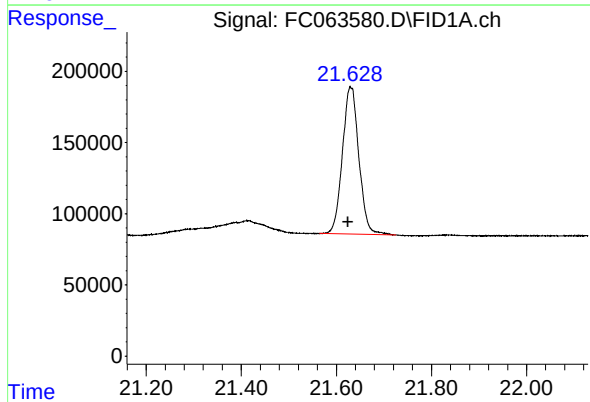
R.T.: 20.014 min
Delta R.T.: 0.004 min
Response: 2418642
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.003 min
Response: 2453274
Conc: 19.63 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.005 min
Response: 2483382
Conc: 20.20 ug/ml