

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
 Data File : FC064331.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2023 14:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc : LOD 2.5 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 07 04:45:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.514	4107060	23.021 ug/ml
Spiked Amount 50.000		Recovery =	46.04%
12) S 1-chlorooctadecane (S...	12.949	2836355	22.491 ug/ml
Spiked Amount 50.000		Recovery =	44.98%
Target Compounds			
1) T n-Nonane (C9)	3.307	3818285	23.532 ug/ml
2) T n-Decane (C10)	4.368	3857641	23.591 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3866822	23.826 ug/ml
4) T n-Dodecane (C12)	6.379	3853366	23.604 ug/ml
5) T A~2-methylnaphthalene...	7.002	3587077	23.542 ug/ml
6) T n-Tetradecane (C14)	8.168	3691462	23.511 ug/ml
7) T n-Hexadecane (C16)	9.764	3668138	23.329 ug/ml
8) T n-Octadecane (C18)	11.200	3661305	23.109 ug/ml
10) T n-Eicosane (C20)	12.506	3437766	23.035 ug/ml
11) T n-Heneicosane (C21)	13.117	3359179	23.016 ug/ml
13) T n-Docosane (C22)	13.699	3300736	23.127 ug/ml
14) T n-Tetracosane (C24)	14.799	3270208	23.282 ug/ml
15) T n-Hexacosane (C26)	15.816	3213433	23.401 ug/ml
16) T n-Octacosane (C28)	16.762	3172350	23.657 ug/ml
17) T n-Tricontane (C30)	17.647	3266138	23.531 ug/ml
18) T n-Dotriacontane (C32)	18.475	3261353	23.176 ug/ml
19) T n-Tetratriacontane (C34)	19.255	3210089	23.121 ug/ml
20) T n-Hexatriacontane (C36)	19.991	3091964	22.788 ug/ml
21) T n-Octatriacontane (C38)	20.713	3004945	22.155 ug/ml
22) T n-Tetracontane (C40)	21.596	2768649	20.612 ug/ml

(f)=RT Delta > 1/2 Window

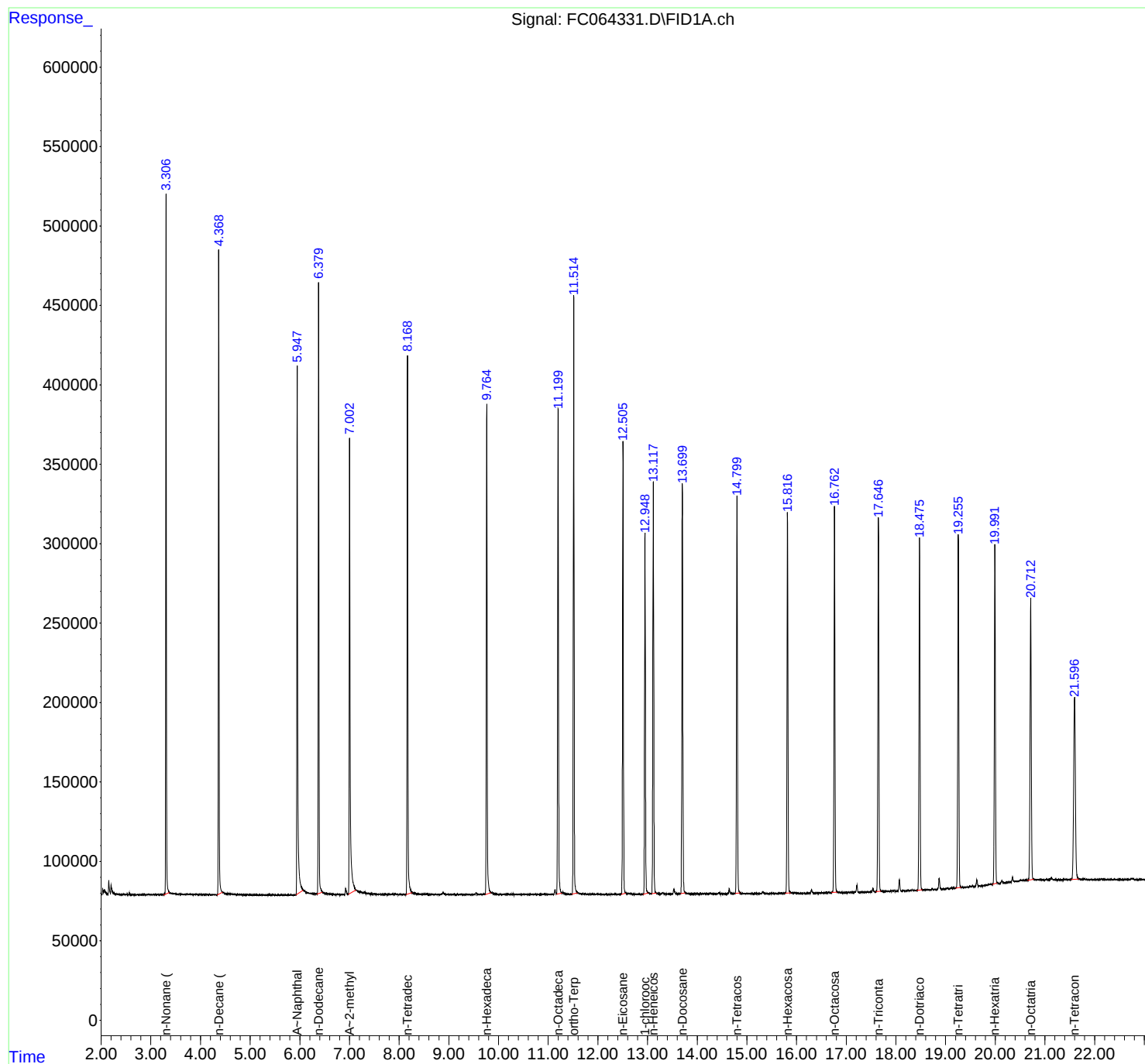
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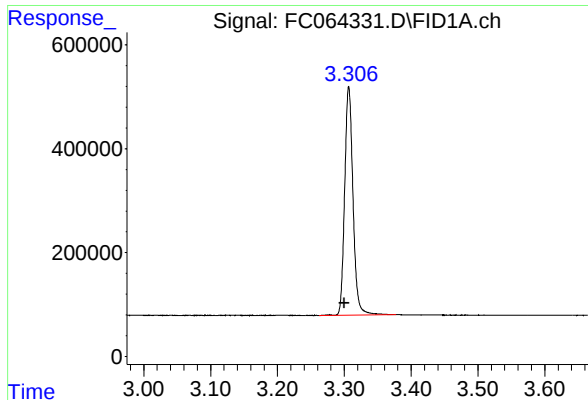
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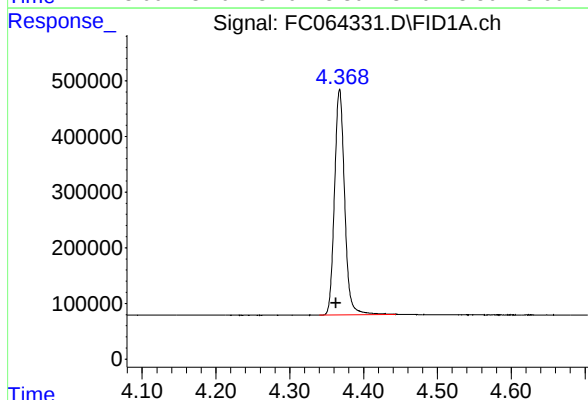




#1 n-Nonane (C9)

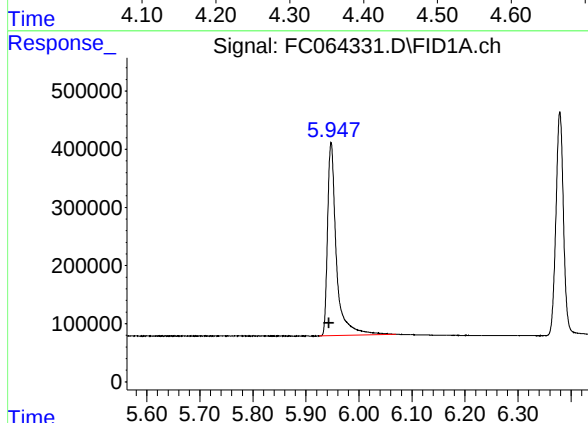
R.T.: 3.307 min
Delta R.T.: 0.007 min
Response: 3818285
Conc: 23.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



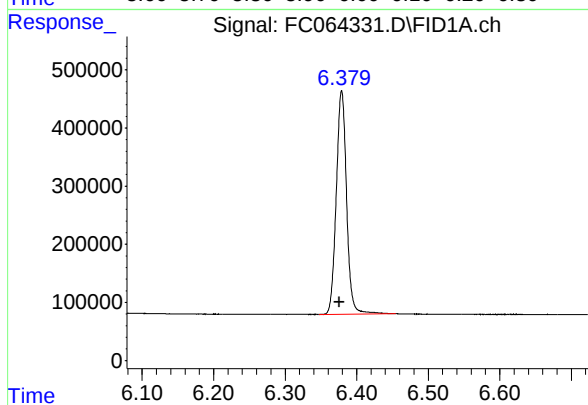
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.005 min
Response: 3857641
Conc: 23.59 ug/ml



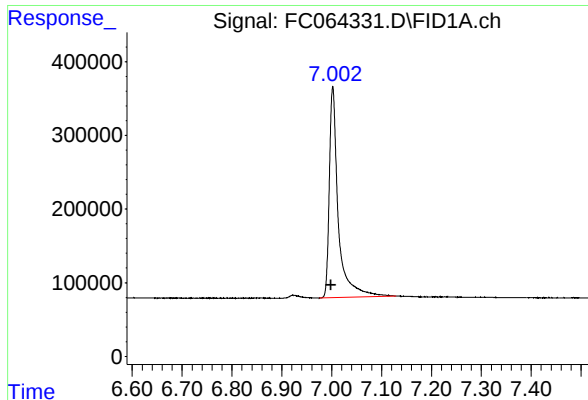
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 3866822
Conc: 23.83 ug/ml



#4 n-Dodecane (C12)

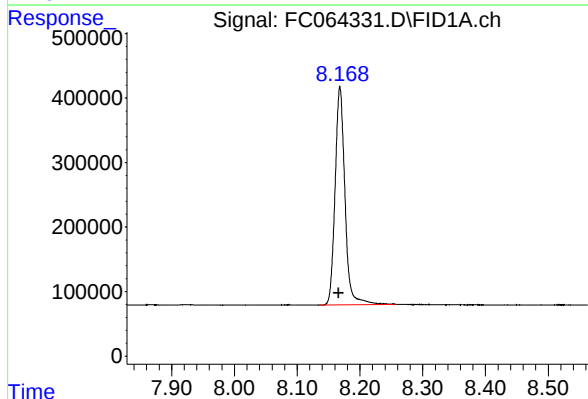
R.T.: 6.379 min
Delta R.T.: 0.003 min
Response: 3853366
Conc: 23.60 ug/ml



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

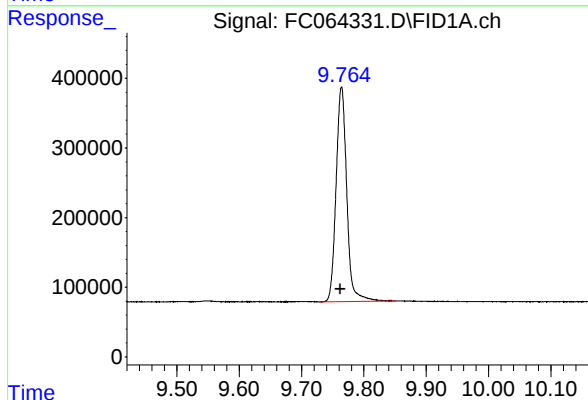
R.T.: 7.002 min
Delta R.T.: 0.004 min
Response: 3587077
Conc: 23.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



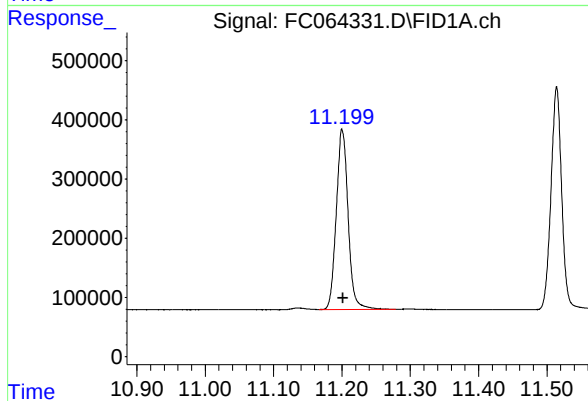
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 3691462
Conc: 23.51 ug/ml



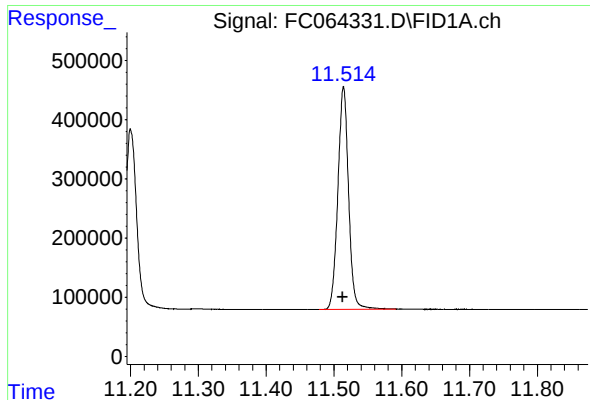
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.002 min
Response: 3668138
Conc: 23.33 ug/ml



#8 n-Octadecane (C18)

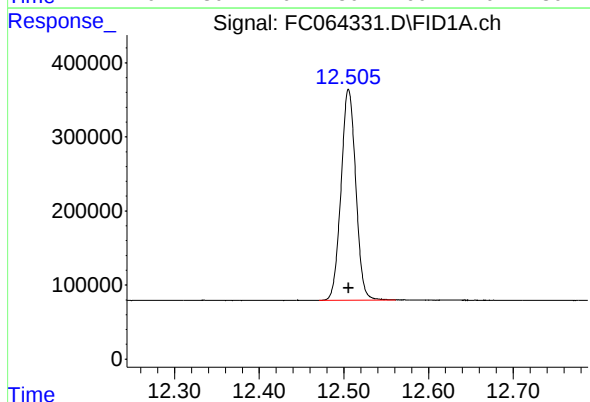
R.T.: 11.200 min
Delta R.T.: -0.001 min
Response: 3661305
Conc: 23.11 ug/ml



#9 ortho-Terphenyl (SURR)

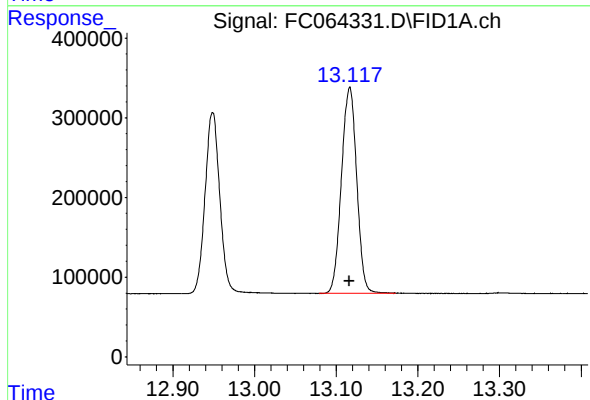
R.T.: 11.514 min
Delta R.T.: 0.001 min
Response: 4107060
Conc: 23.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



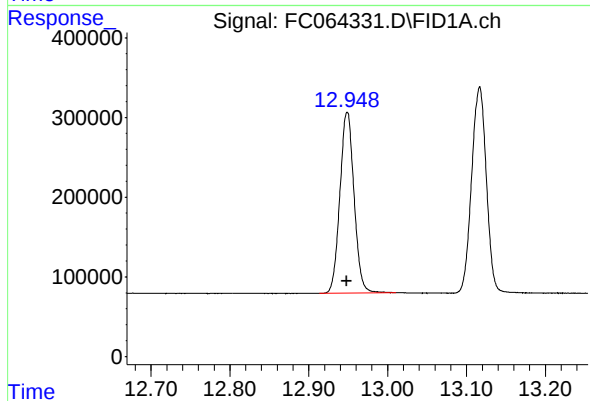
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 3437766
Conc: 23.03 ug/ml



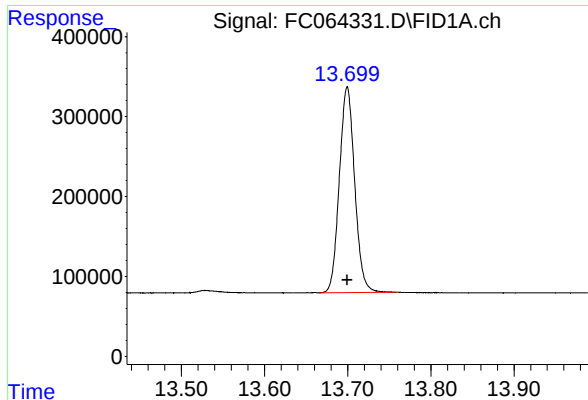
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 3359179
Conc: 23.02 ug/ml



#12 1-chlorooctadecane (SURR)

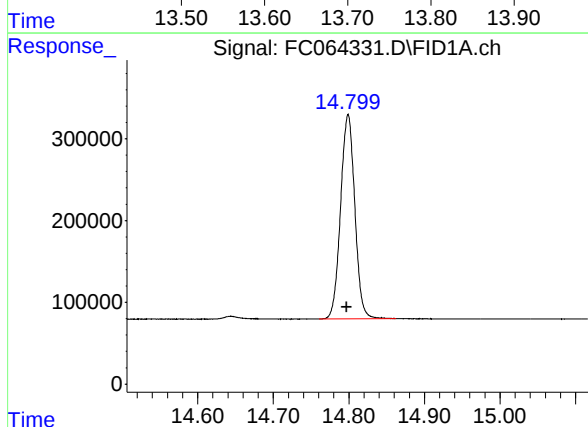
R.T.: 12.949 min
Delta R.T.: 0.000 min
Response: 2836355
Conc: 22.49 ug/ml



#13 n-Docosane (C22)

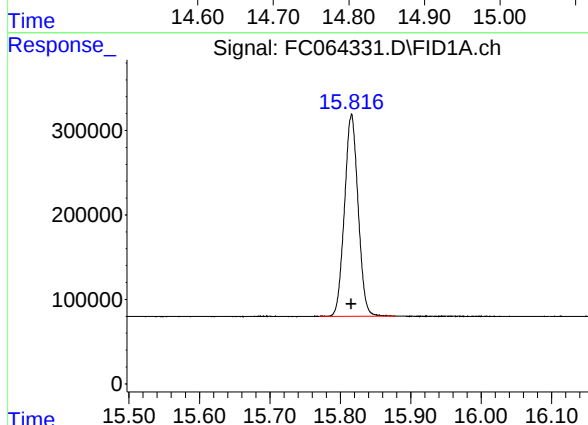
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 3300736
Conc: 23.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



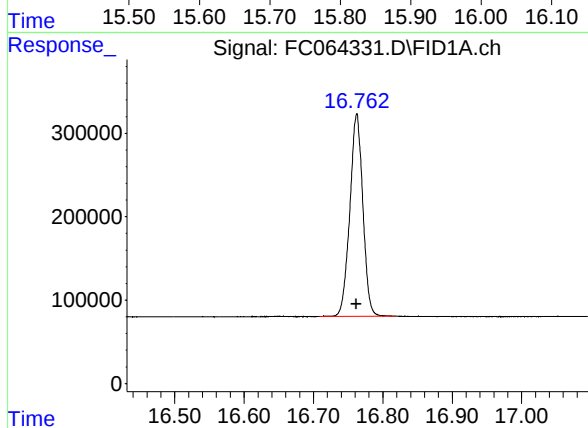
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.002 min
Response: 3270208
Conc: 23.28 ug/ml



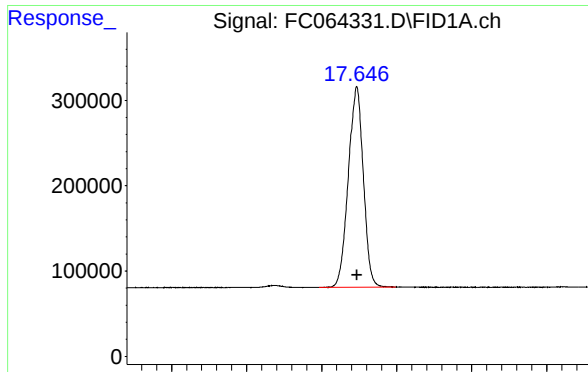
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 3213433
Conc: 23.40 ug/ml



#16 n-Octacosane (C28)

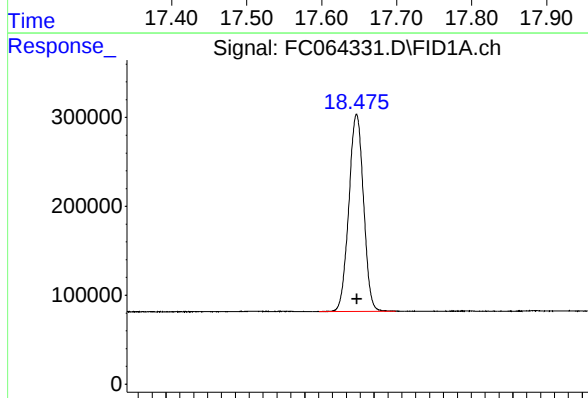
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 3172350
Conc: 23.66 ug/ml



#17 n-Tricontane (C30)

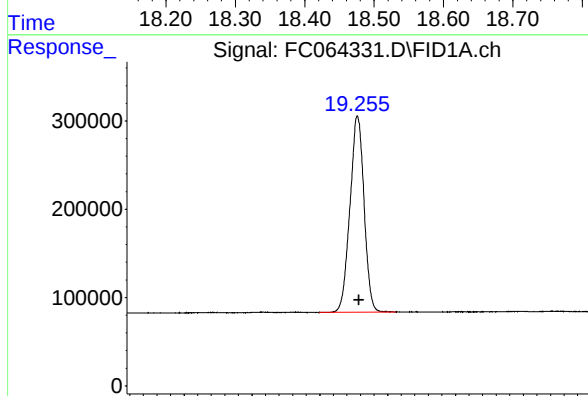
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 3266138
Conc: 23.53 ug/ml

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20 PPM ALIPHATIC HC STD



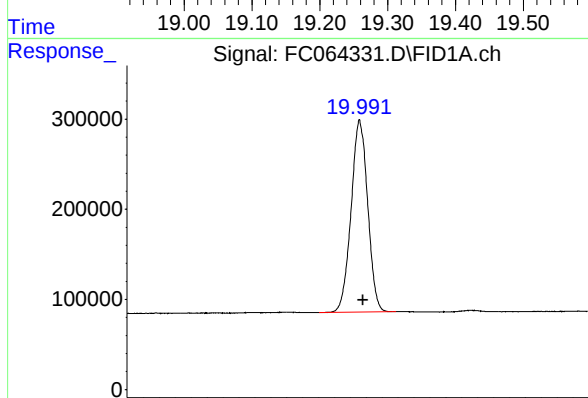
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 3261353
Conc: 23.18 ug/ml



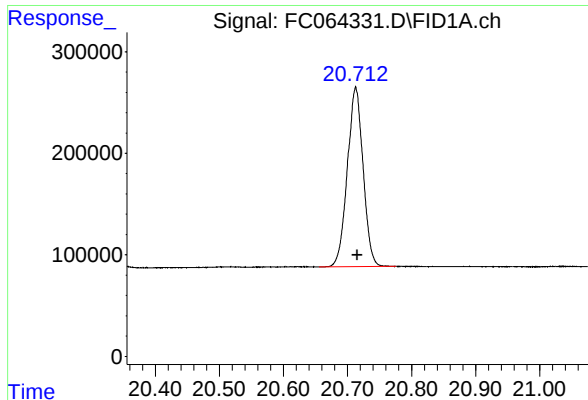
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.002 min
Response: 3210089
Conc: 23.12 ug/ml



#20 n-Hexatriacontane (C36)

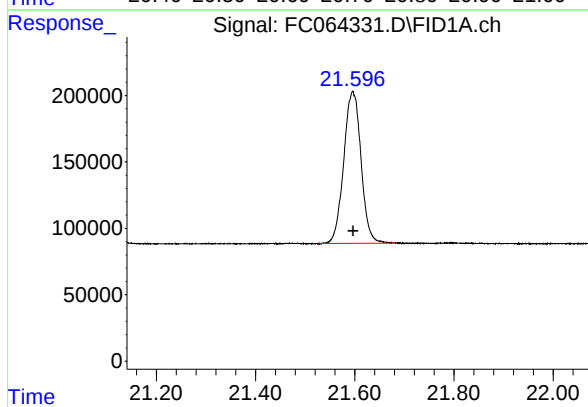
R.T.: 19.991 min
Delta R.T.: -0.004 min
Response: 3091964
Conc: 22.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.002 min
Response: 3004945
Conc: 22.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 2768649
Conc: 20.61 ug/ml