

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
 Data File : FC066456.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2024 21:33
 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: May 24 02:55:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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)	11.554	2697817	16.317 ug/ml
Spiked Amount 50.000		Recovery =	32.63%
12) S 1-chlorooctadecane (S...	12.994	2021983	16.484 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
Target Compounds			
1) T n-Nonane (C9)	3.312	2299357	15.224 ug/ml
2) T n-Decane (C10)	4.379	2398841	15.599 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2658490	15.648 ug/ml
4) T n-Dodecane (C12)	6.400	2425198	15.781 ug/ml
5) T A~2-methylnaphthalene...	7.018	2572908	15.611 ug/ml
6) T n-Tetradecane (C14)	8.196	2404780	15.890 ug/ml
7) T n-Hexadecane (C16)	9.797	2489980	16.284 ug/ml
8) T n-Octadecane (C18)	11.240	2510193	16.537 ug/ml
10) T n-Eicosane (C20)	12.550	2412120	16.768 ug/ml
11) T n-Heneicosane (C21)	13.162	2363577	16.815 ug/ml
13) T n-Docosane (C22)	13.748	2362823	16.877 ug/ml
14) T n-Tetracosane (C24)	14.850	2368715	16.826 ug/ml
15) T n-Hexacosane (C26)	15.873	2330216	17.036 ug/ml
16) T n-Octacosane (C28)	16.822	2349155	17.541 ug/ml
17) T n-Tricontane (C30)	17.710	2485883	18.446 ug/ml
18) T n-Dotriacontane (C32)	18.543	2493820	19.368 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2394333	20.237 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2386960	20.766 ug/ml
21) T n-Octatriacontane (C38)	20.802	2481244	23.052 ug/ml
22) T n-Tetracontane (C40)	21.709	2537305	23.662 ug/ml

(f)=RT Delta > 1/2 Window

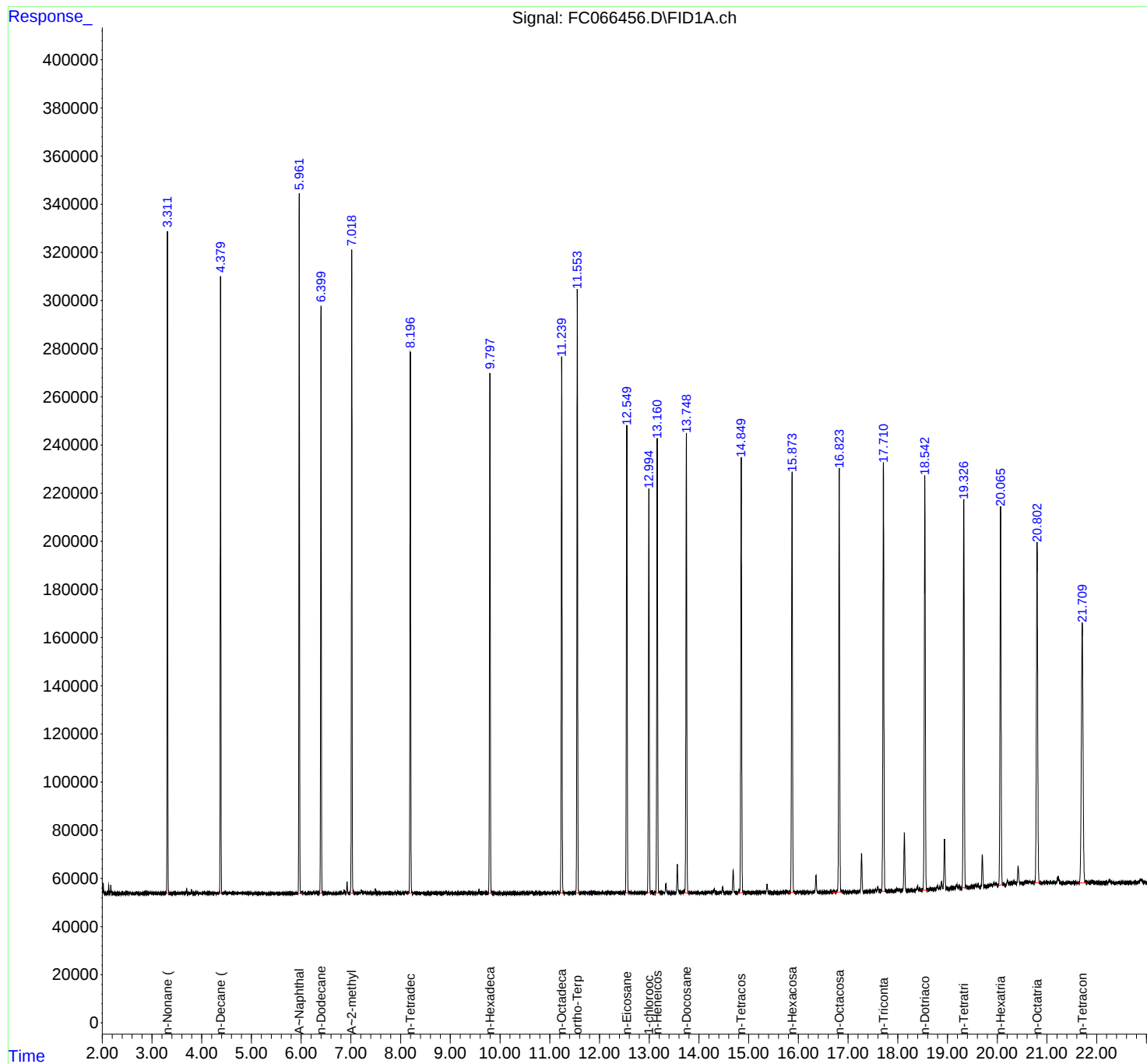
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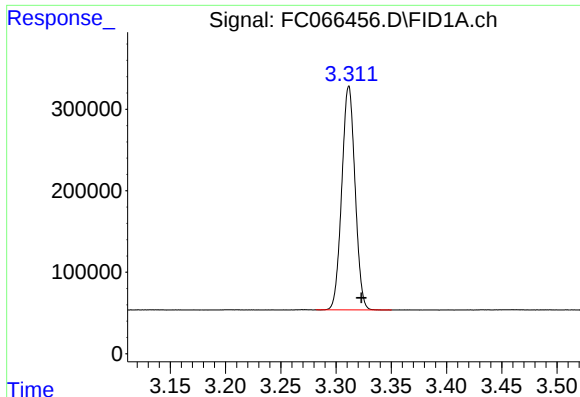
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
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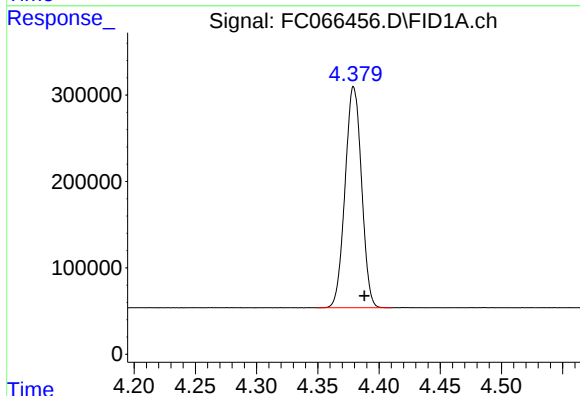




#1 n-Nonane (C9)

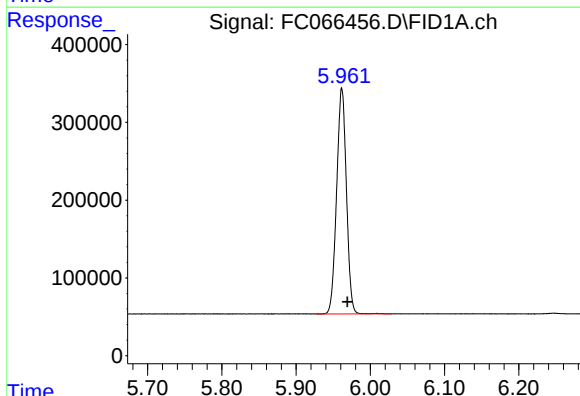
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 2299357
Conc: 15.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



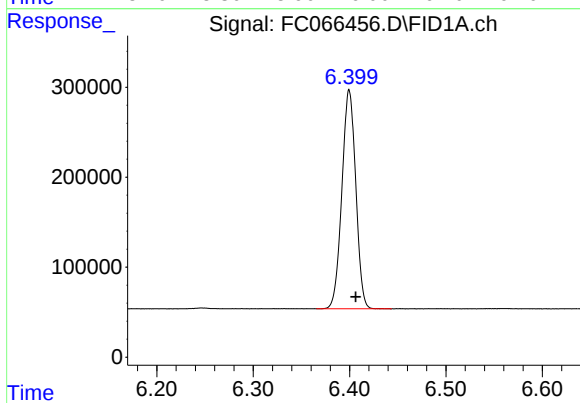
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.008 min
Response: 2398841
Conc: 15.60 ug/ml



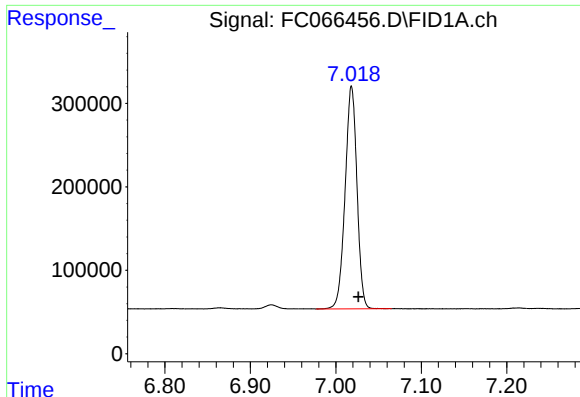
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 2658490
Conc: 15.65 ug/ml



#4 n-Dodecane (C12)

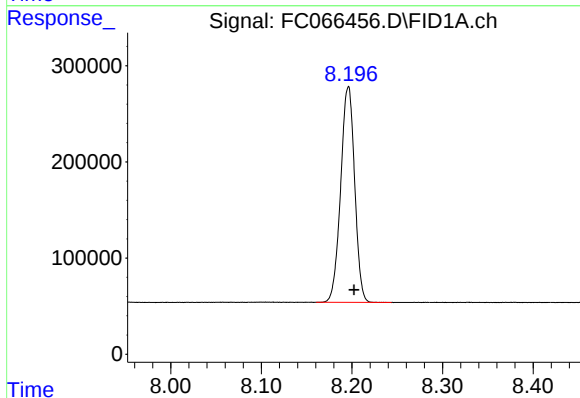
R.T.: 6.400 min
Delta R.T.: -0.007 min
Response: 2425198
Conc: 15.78 ug/ml



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

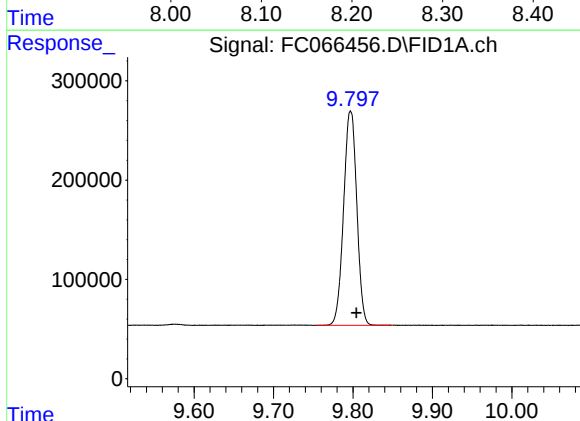
R.T.: 7.018 min
Delta R.T.: -0.008 min
Response: 2572908
Conc: 15.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



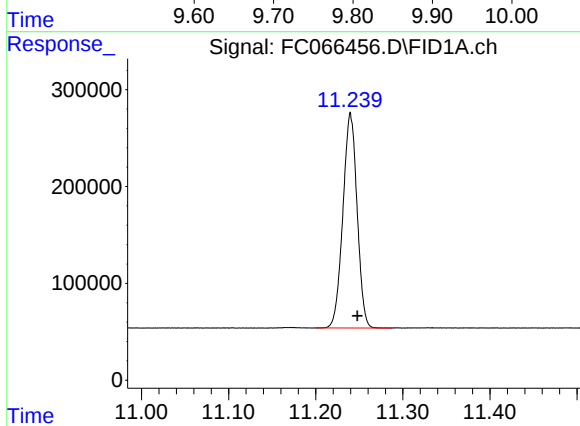
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.007 min
Response: 2404780
Conc: 15.89 ug/ml



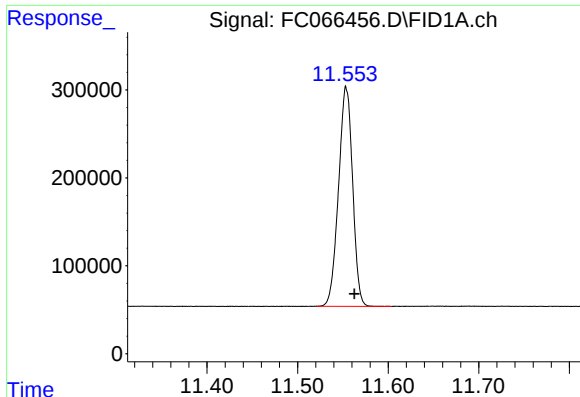
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.007 min
Response: 2489980
Conc: 16.28 ug/ml



#8 n-Octadecane (C18)

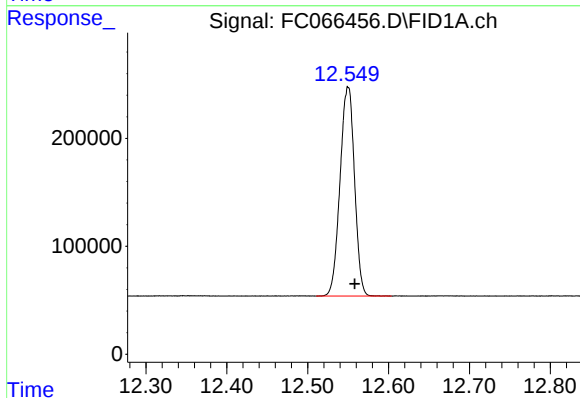
R.T.: 11.240 min
Delta R.T.: -0.008 min
Response: 2510193
Conc: 16.54 ug/ml



#9 ortho-Terphenyl (SURR)

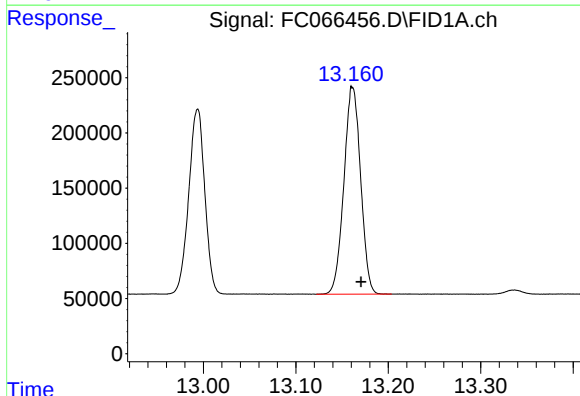
R.T.: 11.554 min
Delta R.T.: -0.009 min
Response: 2697817
Conc: 16.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



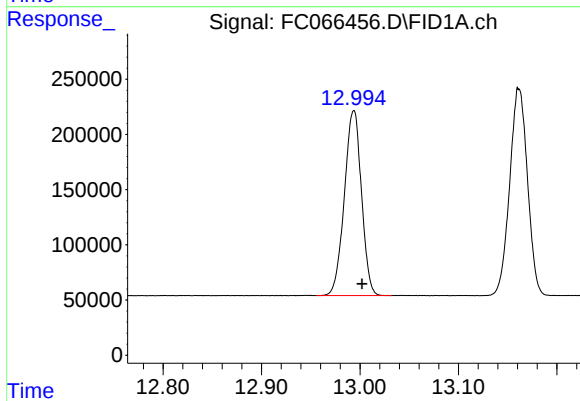
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.009 min
Response: 2412120
Conc: 16.77 ug/ml



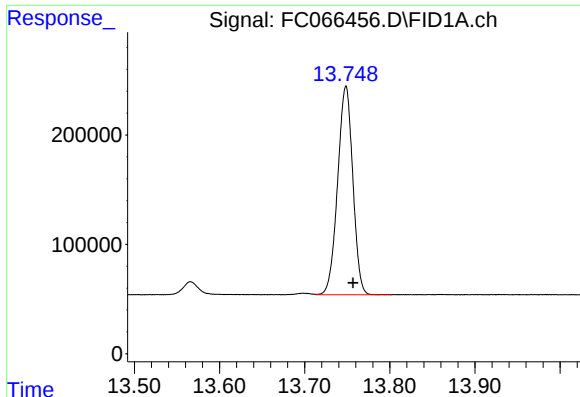
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.009 min
Response: 2363577
Conc: 16.81 ug/ml



#12 1-chlorooctadecane (SURR)

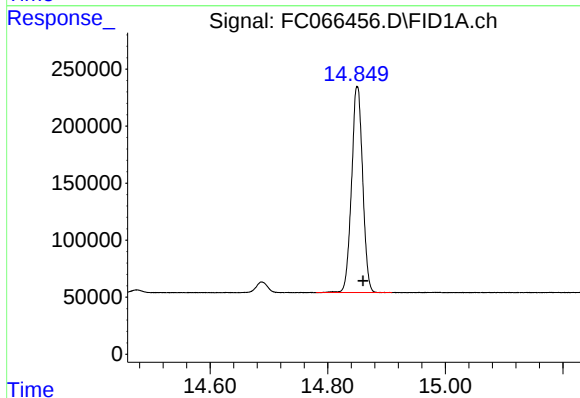
R.T.: 12.994 min
Delta R.T.: -0.009 min
Response: 2021983
Conc: 16.48 ug/ml



#13 n-Docosane (C22)

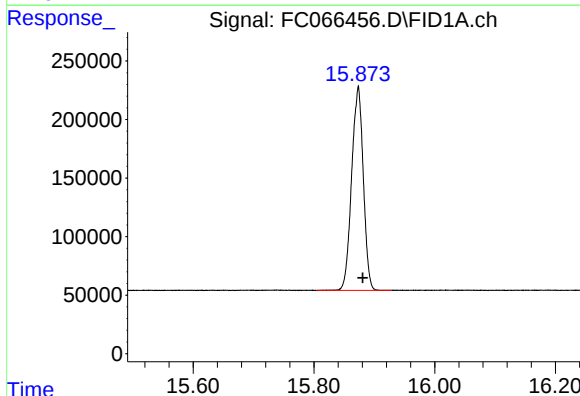
R.T.: 13.748 min
Delta R.T.: -0.009 min
Response: 2362823
Conc: 16.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



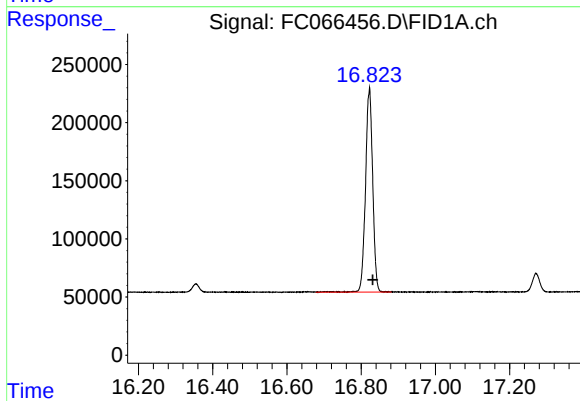
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.010 min
Response: 2368715
Conc: 16.83 ug/ml



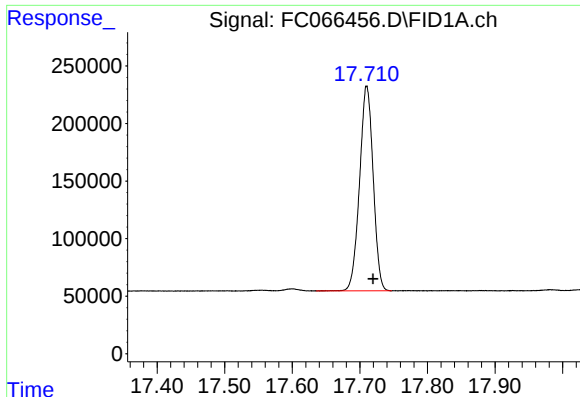
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.008 min
Response: 2330216
Conc: 17.04 ug/ml



#16 n-Octacosane (C28)

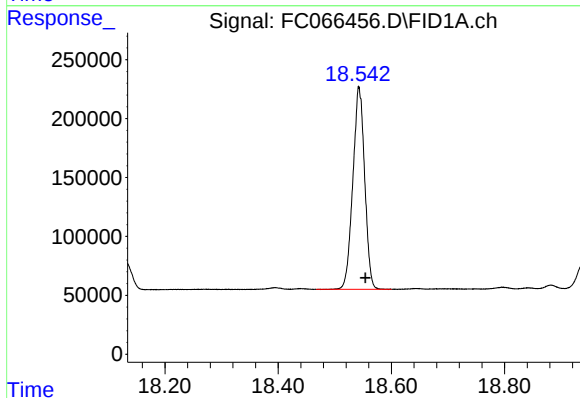
R.T.: 16.822 min
Delta R.T.: -0.009 min
Response: 2349155
Conc: 17.54 ug/ml



#17 n-Tricontane (C30)

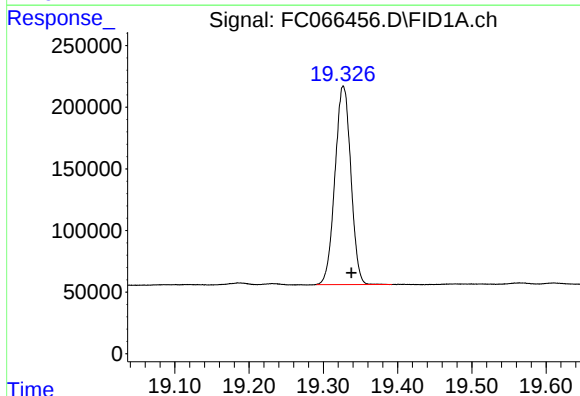
R.T.: 17.710 min
Delta R.T.: -0.009 min
Response: 2485883
Conc: 18.45 ug/ml

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FID_C
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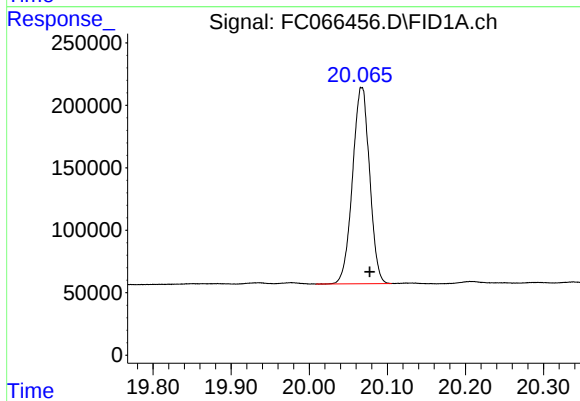
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.011 min
Response: 2493820
Conc: 19.37 ug/ml



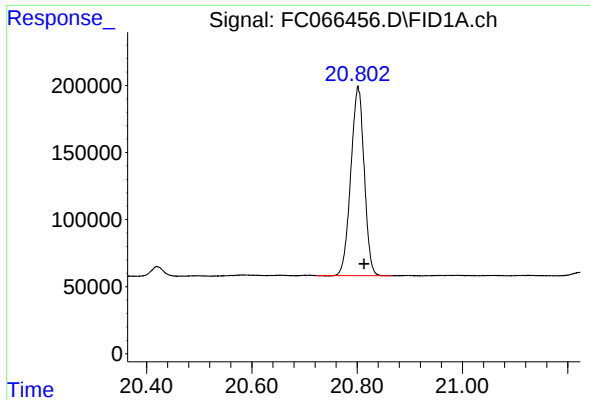
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.011 min
Response: 2394333
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

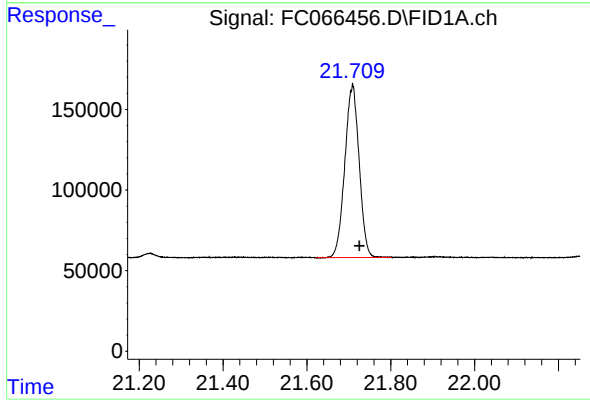
R.T.: 20.067 min
Delta R.T.: -0.011 min
Response: 2386960
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.011 min
Response: 2481244
Conc: 23.05 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.016 min
Response: 2537305
Conc: 23.66 ug/ml