

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083023AL\
 Data File : FF013461.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2023 14:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 03:47:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.891	2799956	20.379 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	13.330	2125677	20.284 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.279	2230655	20.876 ug/ml
2) T n-Decane (C10)	4.533	2260327	21.092 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2491785	21.048 ug/ml
4) T n-Dodecane (C12)	6.698	2287230	21.138 ug/ml
5) T A~2-methylnaphthalene...	7.328	2451863	20.685 ug/ml
6) T n-Tetradecane (C14)	8.525	2282739	21.147 ug/ml
7) T n-Hexadecane (C16)	10.131	2343787	21.622 ug/ml
8) T n-Octadecane (C18)	11.575	2368457	21.630 ug/ml
10) T n-Eicosane (C20)	12.886	2326103	21.198 ug/ml
11) T n-Heneicosane (C21)	13.498	2308405	21.011 ug/ml
13) T n-Docosane (C22)	14.083	2290147	20.860 ug/ml
14) T n-Tetracosane (C24)	15.188	2261464	20.584 ug/ml
15) T n-Hexacosane (C26)	16.207	2206655	20.191 ug/ml
16) T n-Octacosane (C28)	17.158	2142883	19.847 ug/ml
17) T n-Tricontane (C30)	18.046	2154972	19.705 ug/ml
18) T n-Dotriacontane (C32)	18.877	2144775	18.987 ug/ml
19) T n-Tetratriacontane (C34)	19.661	2079132	19.573 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2072037	19.658 ug/ml
21) T n-Octatriacontane (C38)	21.131	2106418	20.856 ug/ml
22) T n-Tetracontane (C40)	22.027	2229858	22.435 ug/ml

(f)=RT Delta > 1/2 Window

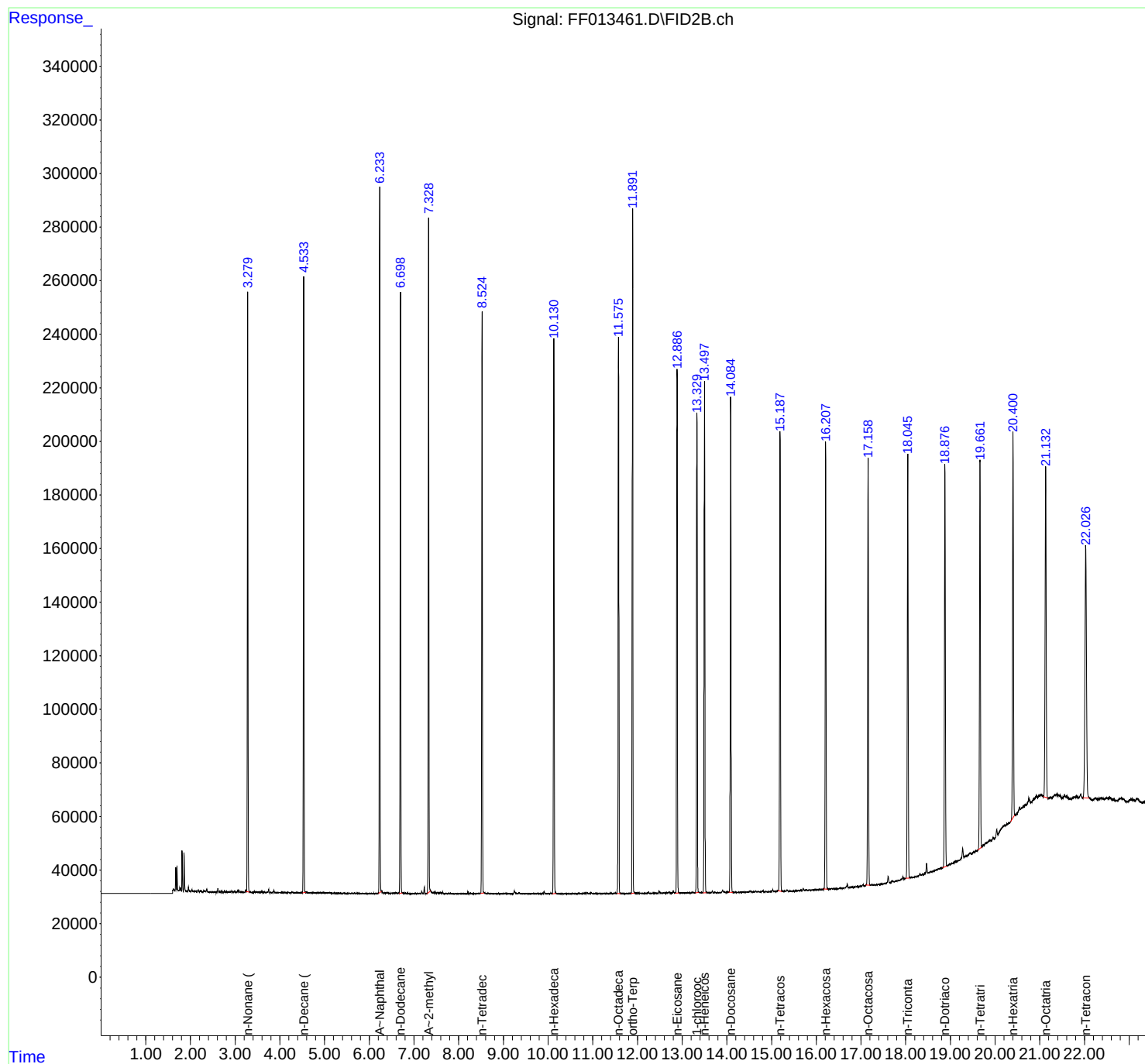
(m)=manual int.

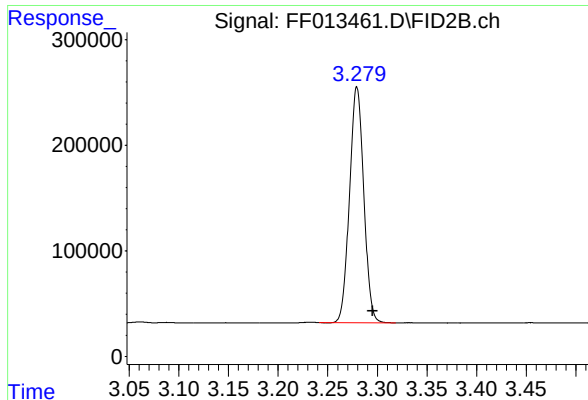
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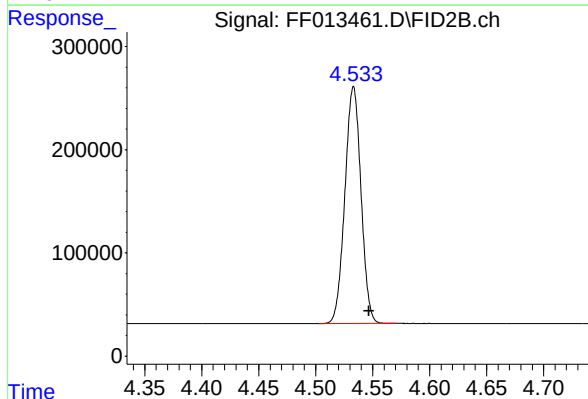




#1 n-Nonane (C9)

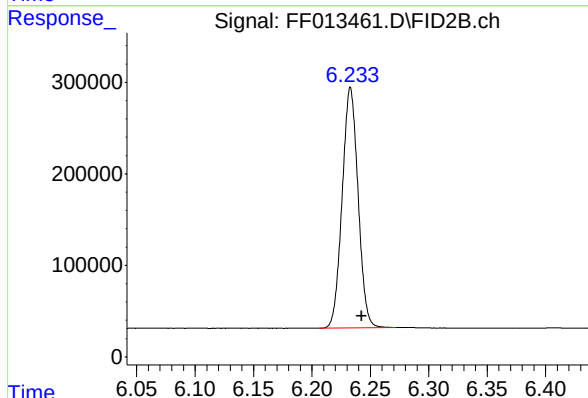
R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 2230655
Conc: 20.88 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



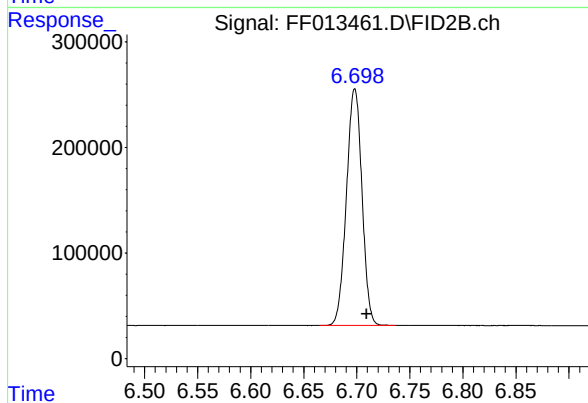
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.014 min
Response: 2260327
Conc: 21.09 ug/ml



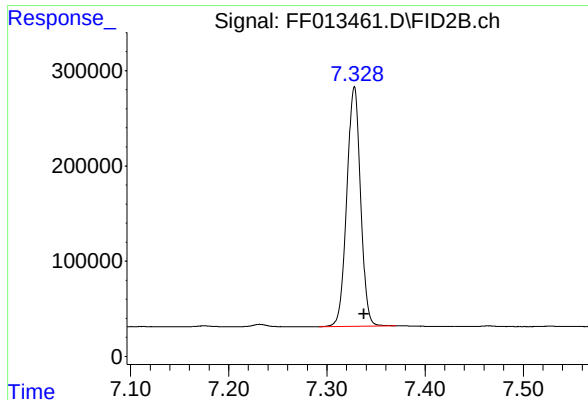
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.009 min
Response: 2491785
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

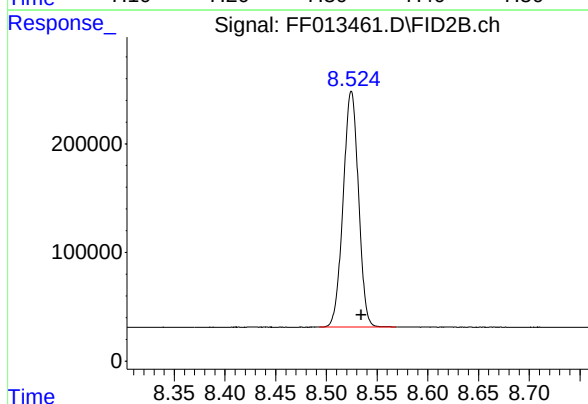
R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 2287230
Conc: 21.14 ug/ml



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

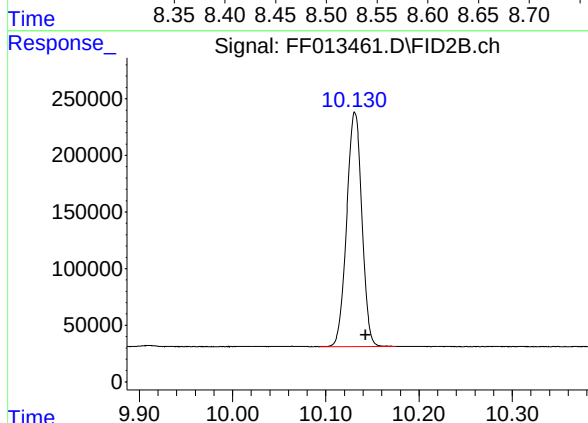
R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 2451863
Conc: 20.69 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



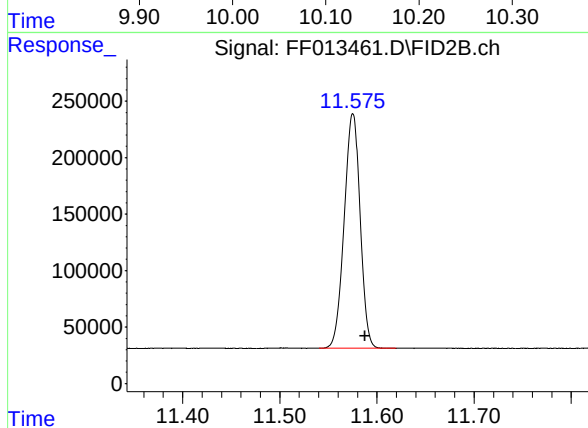
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.010 min
Response: 2282739
Conc: 21.15 ug/ml



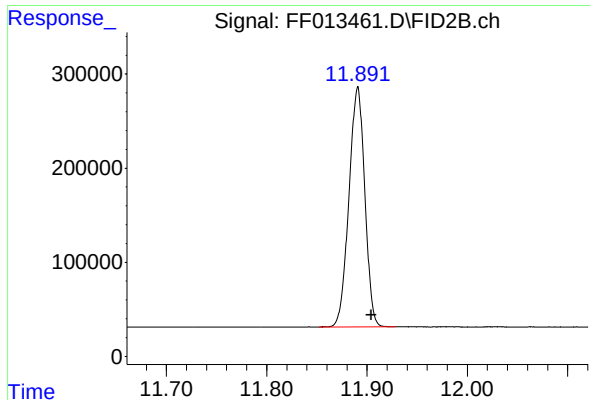
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.011 min
Response: 2343787
Conc: 21.62 ug/ml



#8 n-Octadecane (C18)

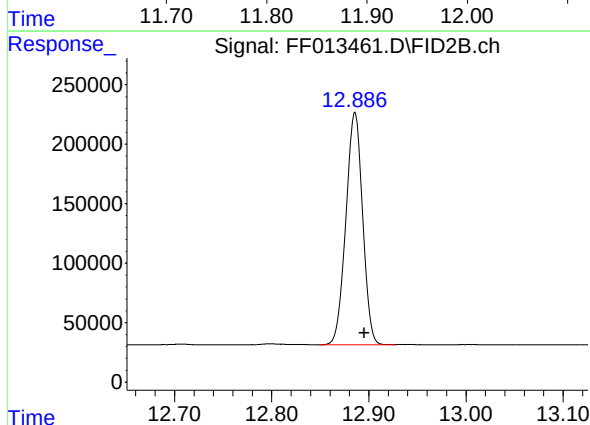
R.T.: 11.575 min
Delta R.T.: -0.012 min
Response: 2368457
Conc: 21.63 ug/ml



#9 ortho-Terphenyl (SURR)

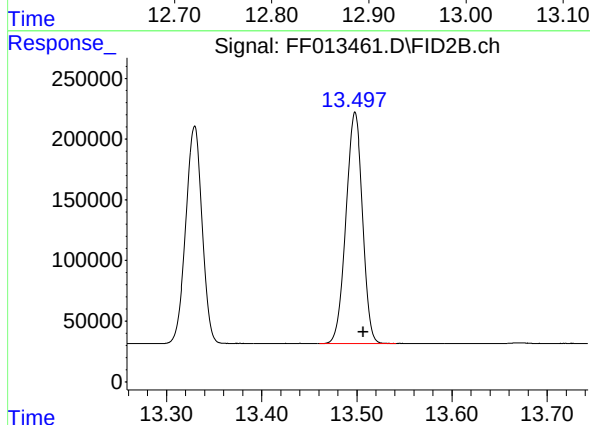
R.T.: 11.891 min
Delta R.T.: -0.013 min
Response: 2799956
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



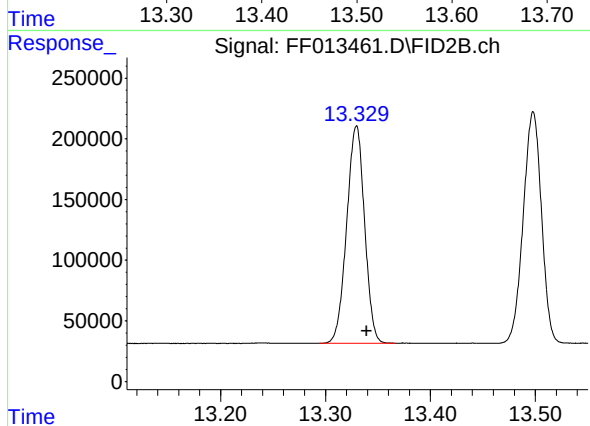
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.010 min
Response: 2326103
Conc: 21.20 ug/ml



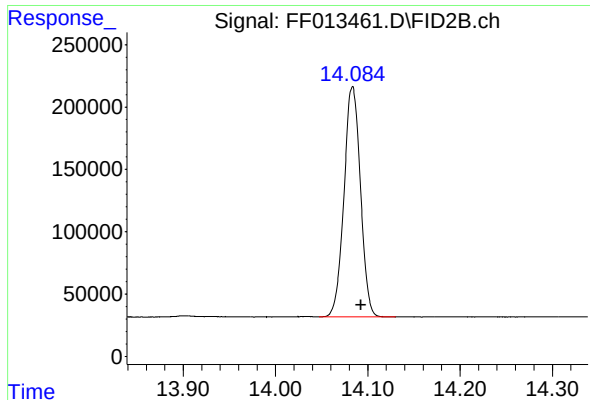
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 2308405
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

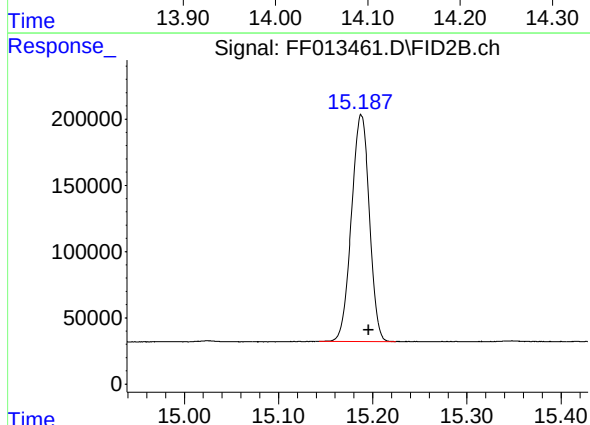
R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 2125677
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

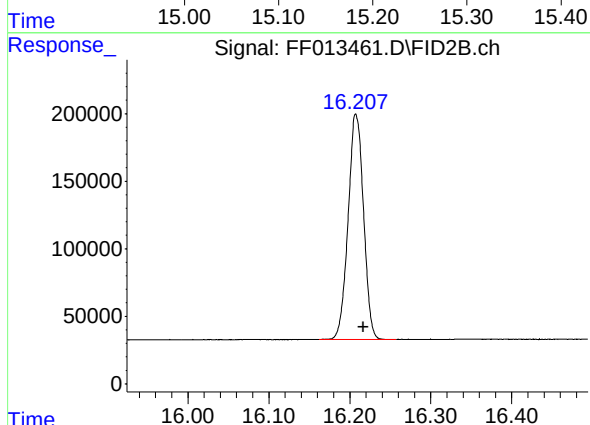
R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 2290147
Conc: 20.86 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



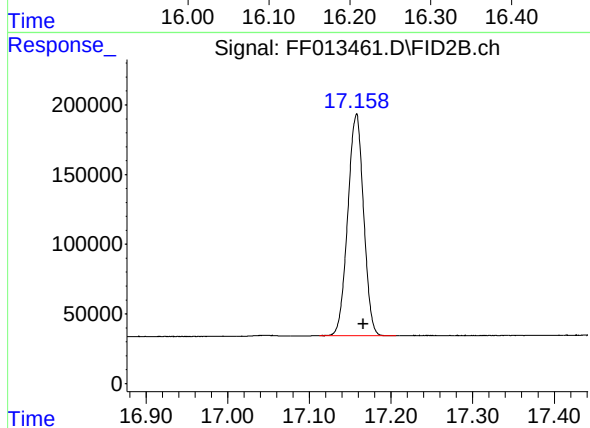
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 2261464
Conc: 20.58 ug/ml



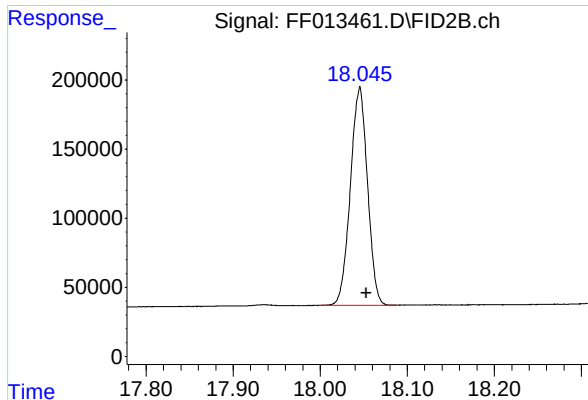
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2206655
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

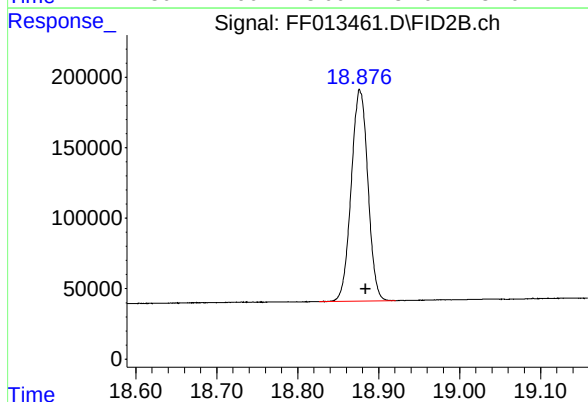
R.T.: 17.158 min
Delta R.T.: -0.008 min
Response: 2142883
Conc: 19.85 ug/ml



#17 n-Tricontane (C30)

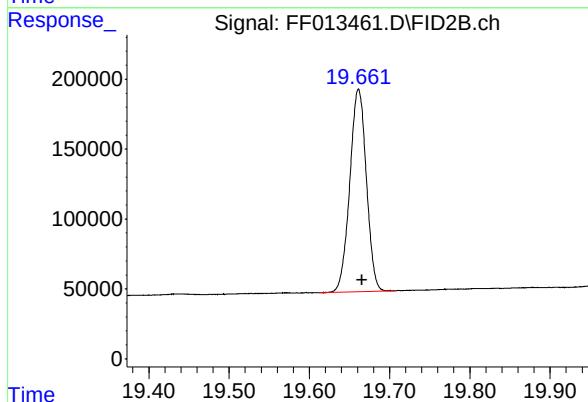
R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 2154972
Conc: 19.71 ug/ml

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20 PPM ALIPHATIC HC STD



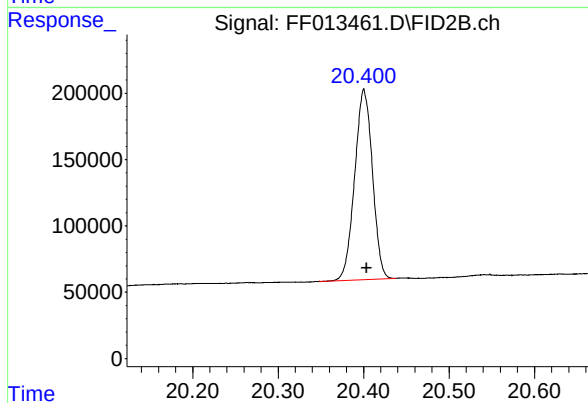
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.007 min
Response: 2144775
Conc: 18.99 ug/ml



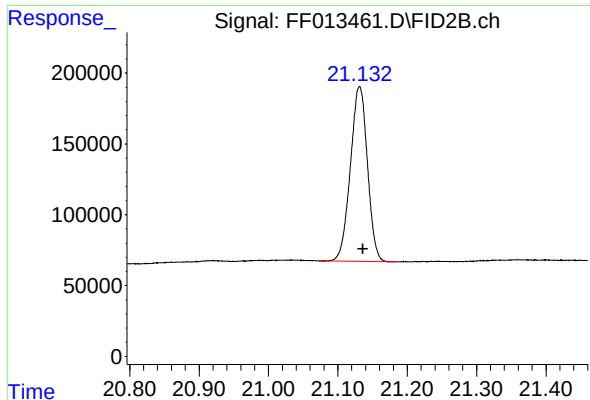
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.004 min
Response: 2079132
Conc: 19.57 ug/ml



#20 n-Hexatriacontane (C36)

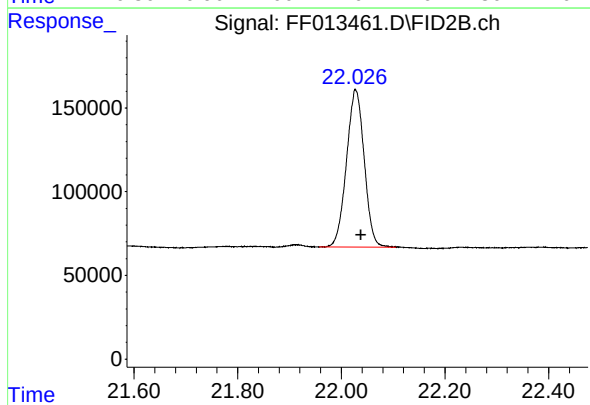
R.T.: 20.400 min
Delta R.T.: -0.004 min
Response: 2072037
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.005 min
Response: 2106418
Conc: 20.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: -0.011 min
Response: 2229858
Conc: 22.44 ug/ml