

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102025AL\
 Data File : FF016582.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2025 22:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 20 23:24:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 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)	11.967	2661745	18.404 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	13.409	1973420	17.692 ug/ml
Spiked Amount 50.000		Recovery =	35.38%
Target Compounds			
1) T n-Nonane (C9)	3.317	2192614	18.754 ug/ml
2) T n-Decane (C10)	4.580	2240798	18.918 ug/ml
3) T A~Naphthalene (C11.7)	6.292	2333324	17.865 ug/ml
4) T n-Dodecane (C12)	6.758	2267801	18.893 ug/ml
5) T A~2-methylnaphthalene...	7.393	2232771	17.537 ug/ml
6) T n-Tetradecane (C14)	8.592	2260573	18.760 ug/ml
7) T n-Hexadecane (C16)	10.202	2376593	19.030 ug/ml
8) T n-Octadecane (C18)	11.649	2432745	18.781 ug/ml
10) T n-Eicosane (C20)	12.962	2382128	18.629 ug/ml
11) T n-Heneicosane (C21)	13.576	2331730	18.365 ug/ml
13) T n-Docosane (C22)	14.164	2373203	18.692 ug/ml
14) T n-Tetracosane (C24)	15.271	2486796	19.441 ug/ml
15) T n-Hexacosane (C26)	16.296	2455875	19.646 ug/ml
16) T n-Octacosane (C28)	17.251	2520154	20.569 ug/ml
17) T n-Tricontane (C30)	18.143	2780500	22.326 ug/ml
18) T n-Dotriacontane (C32)	18.979	2901852	24.076 ug/ml
19) T n-Tetratriacontane (C34)	19.766	2569755	23.565 ug/ml
20) T n-Hexatriacontane (C36)	20.510	2068440	22.162 ug/ml
21) T n-Octatriacontane (C38)	21.269	1698212	20.193 ug/ml
22) T n-Tetracontane (C40)	22.220	1408802	17.945 ug/ml

(f)=RT Delta > 1/2 Window

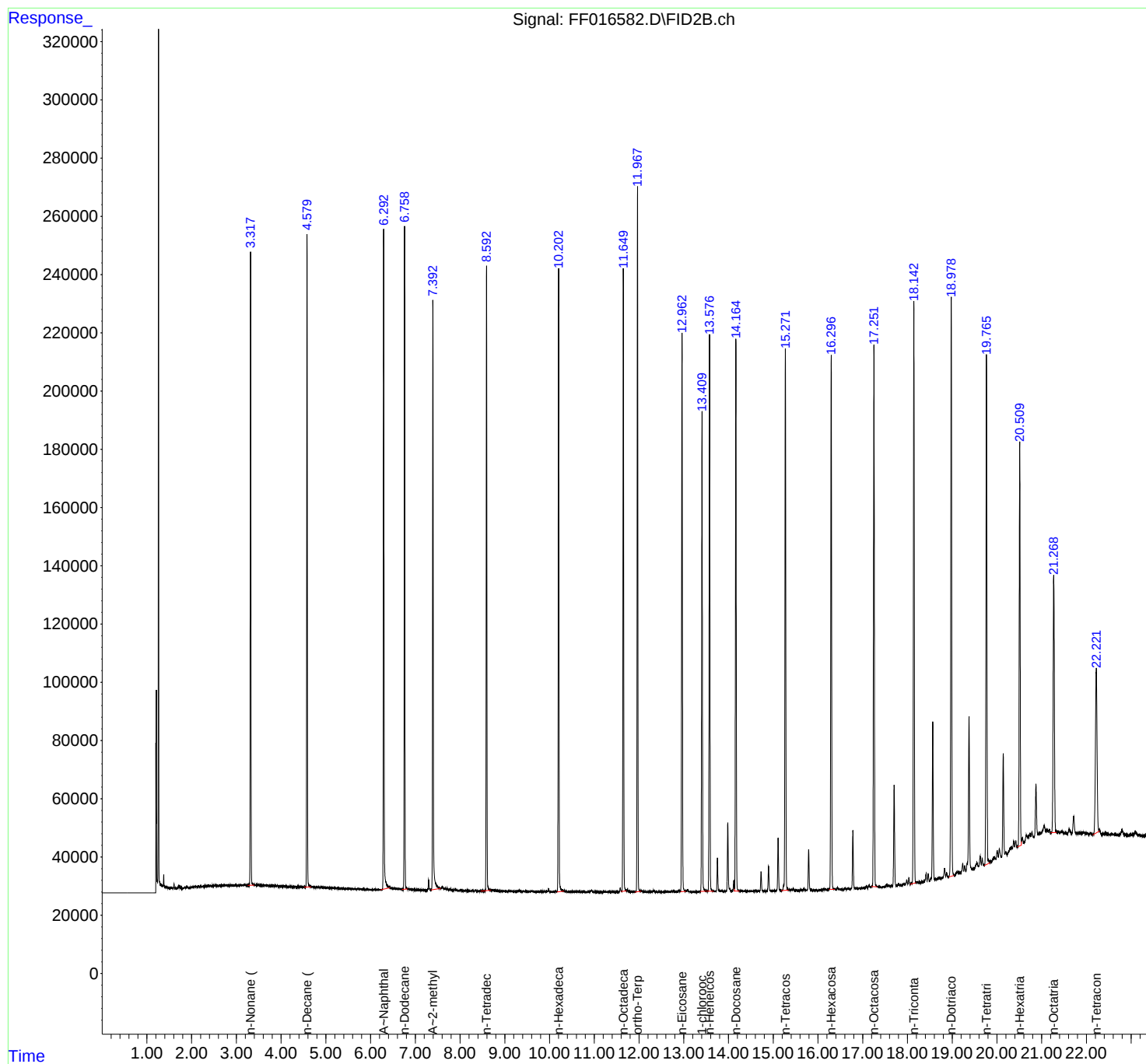
(m)=manual int.

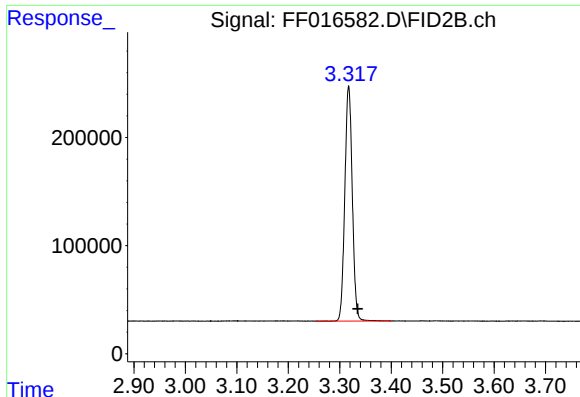
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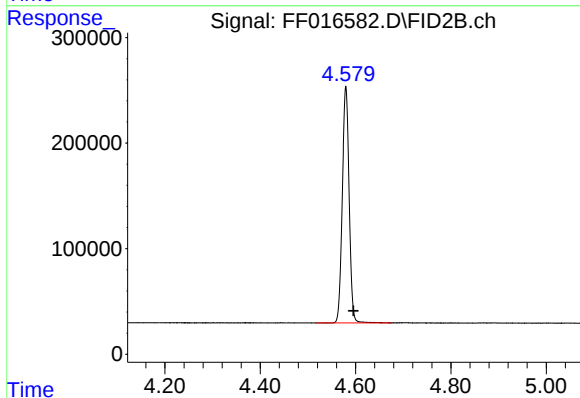




#1 n-Nonane (C9)

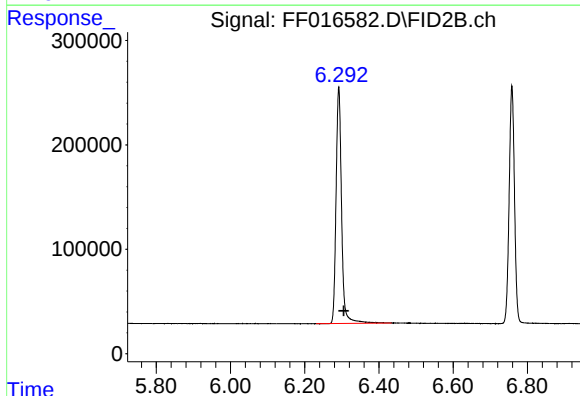
R.T.: 3.317 min
Delta R.T.: -0.018 min
Response: 2192614
Conc: 18.75 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



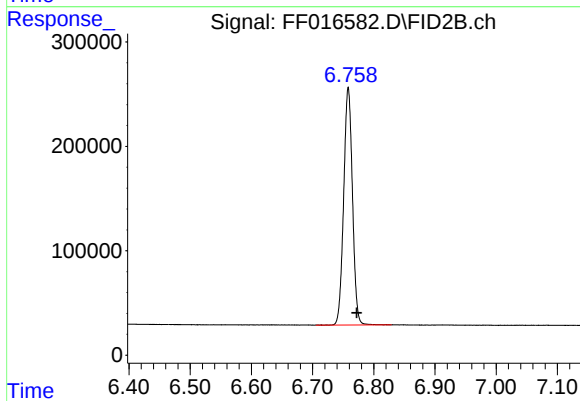
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.016 min
Response: 2240798
Conc: 18.92 ug/ml



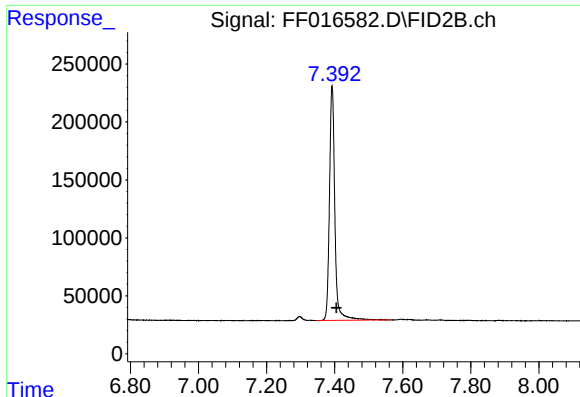
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.013 min
Response: 2333324
Conc: 17.87 ug/ml



#4 n-Dodecane (C12)

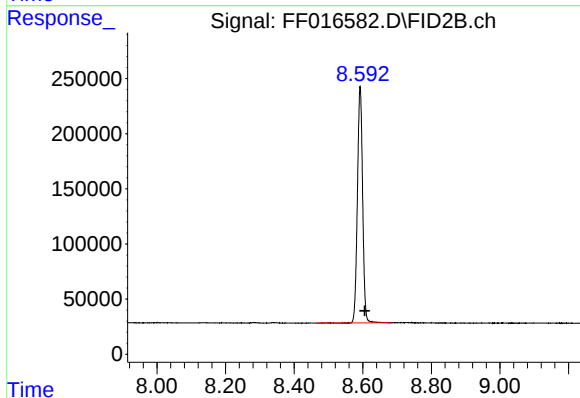
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 2267801
Conc: 18.89 ug/ml



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

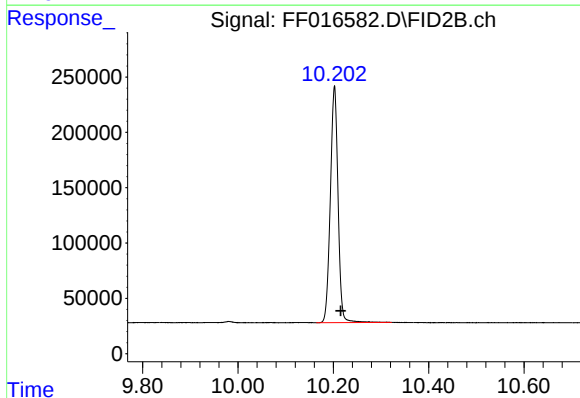
R.T.: 7.393 min
Delta R.T.: -0.012 min
Response: 2232771
Conc: 17.54 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



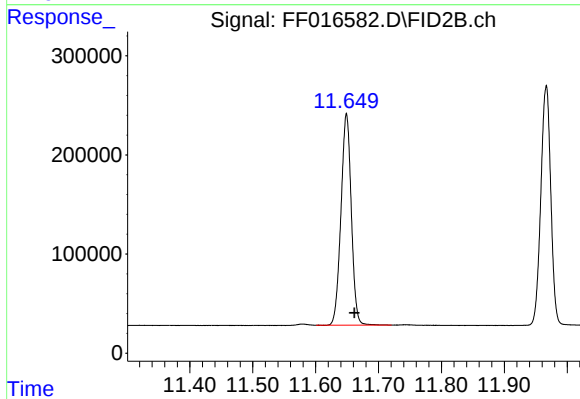
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.014 min
Response: 2260573
Conc: 18.76 ug/ml



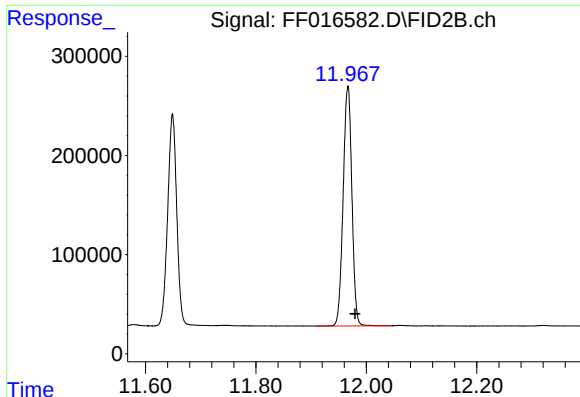
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.013 min
Response: 2376593
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

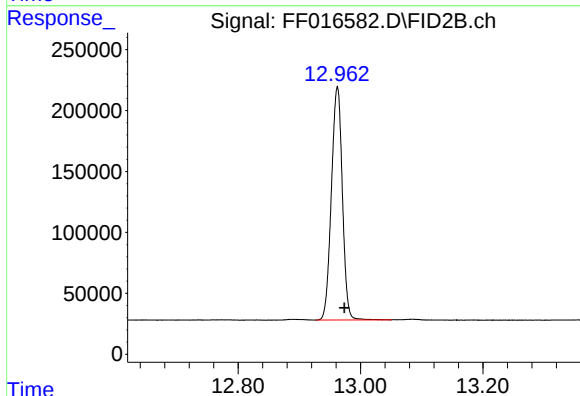
R.T.: 11.649 min
Delta R.T.: -0.013 min
Response: 2432745
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

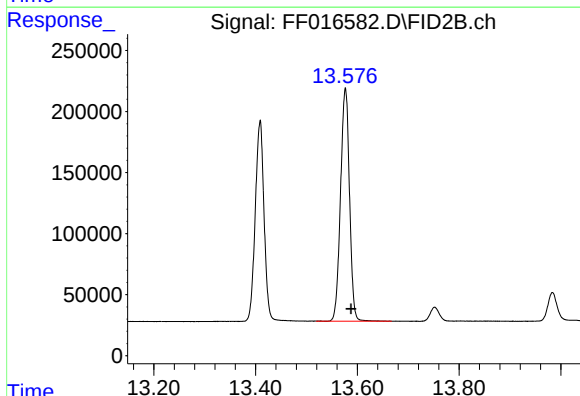
R.T.: 11.967 min
Delta R.T.: -0.013 min
Response: 2661745
Conc: 18.40 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



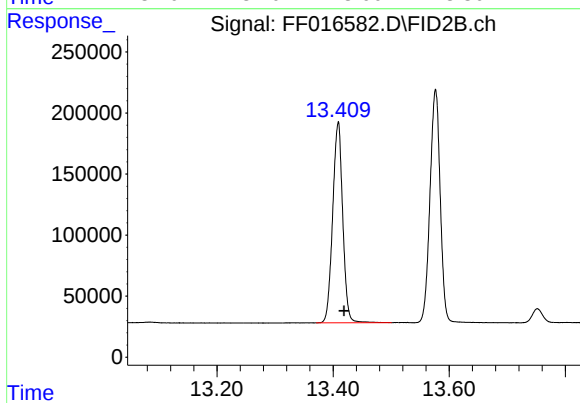
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.011 min
Response: 2382128
Conc: 18.63 ug/ml



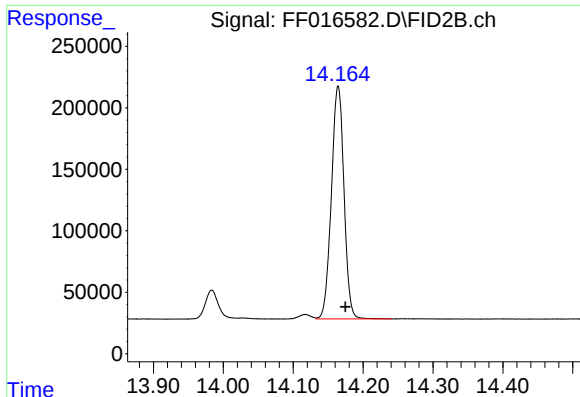
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.011 min
Response: 2331730
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

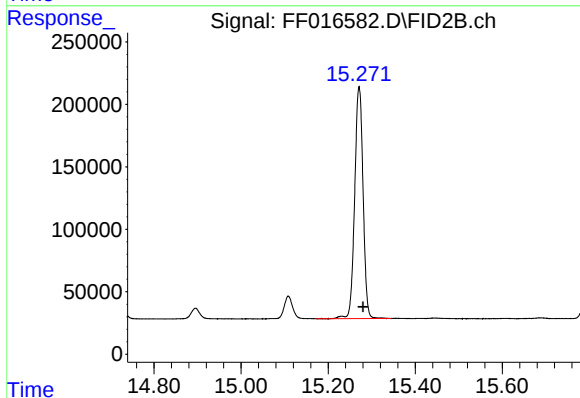
R.T.: 13.409 min
Delta R.T.: -0.011 min
Response: 1973420
Conc: 17.69 ug/ml



#13 n-Docosane (C22)

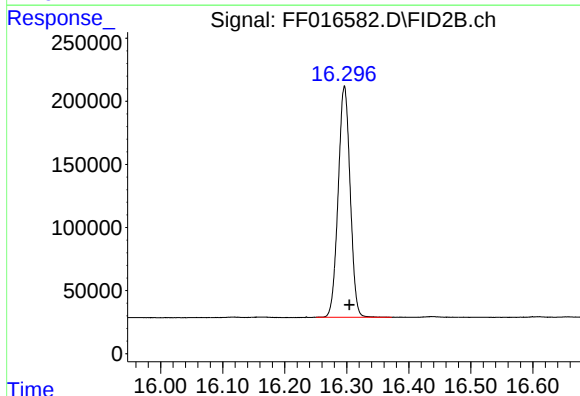
R.T.: 14.164 min
Delta R.T.: -0.010 min
Response: 2373203
Conc: 18.69 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



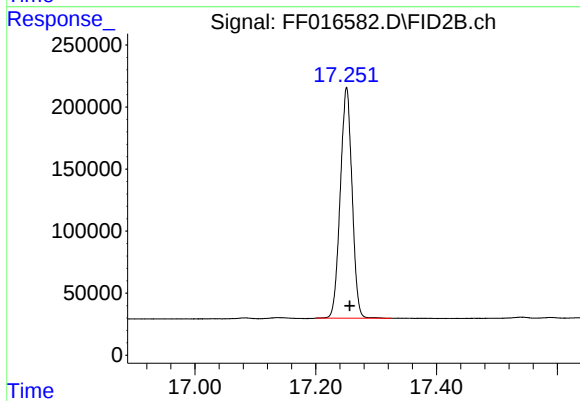
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.009 min
Response: 2486796
Conc: 19.44 ug/ml



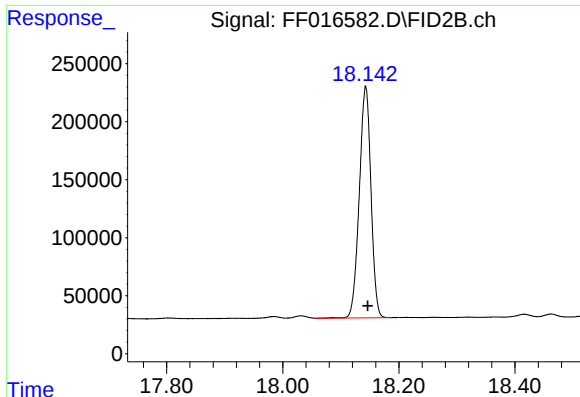
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: -0.008 min
Response: 2455875
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

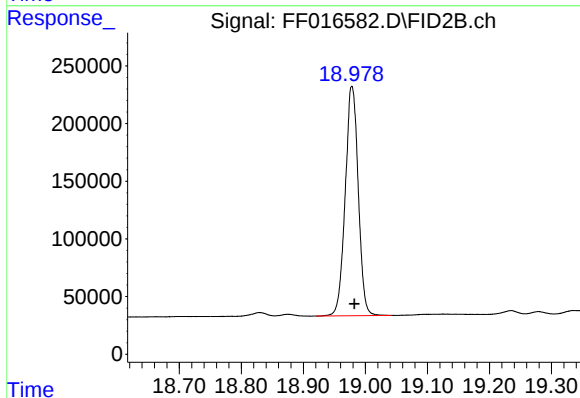
R.T.: 17.251 min
Delta R.T.: -0.005 min
Response: 2520154
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

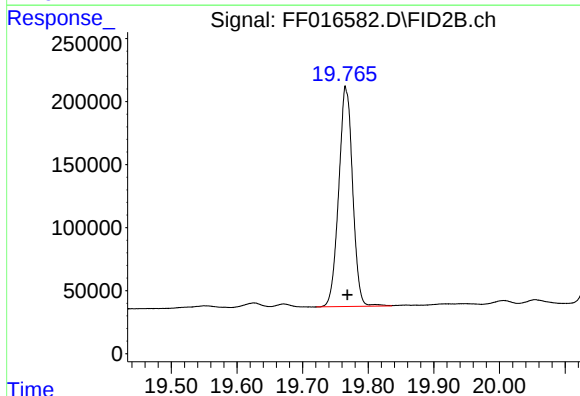
R.T.: 18.143 min
Delta R.T.: -0.004 min
Response: 2780500
Conc: 22.33 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



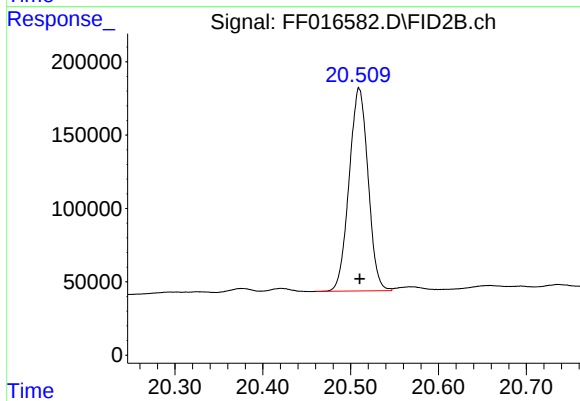
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.004 min
Response: 2901852
Conc: 24.08 ug/ml



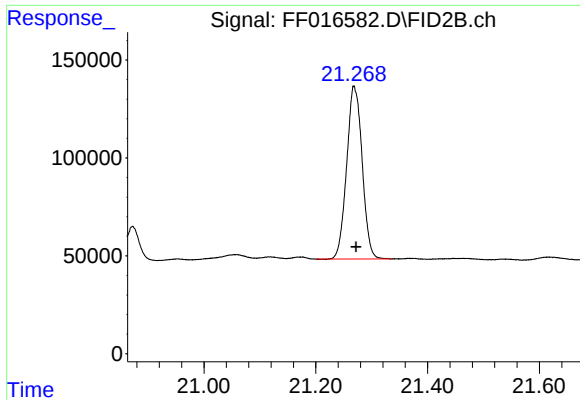
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: -0.002 min
Response: 2569755
Conc: 23.57 ug/ml



#20 n-Hexatriacontane (C36)

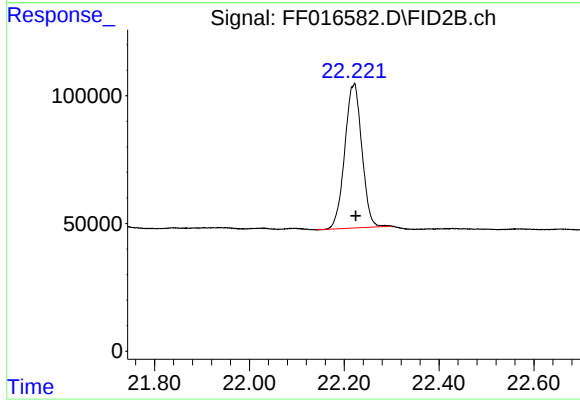
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 2068440
Conc: 22.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.269 min
Delta R.T.: -0.003 min
Response: 1698212
Conc: 20.19 ug/ml

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FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.220 min
Delta R.T.: -0.004 min
Response: 1408802
Conc: 17.94 ug/ml