

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
 Data File : FF012927.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 13:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 20 14:33:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 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)	10.876	3161773	21.428 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
12) S 1-chlorooctadecane (S...	12.308	2275964	21.482 ug/ml
Spiked Amount 50.000		Recovery =	42.96%
Target Compounds			
1) T n-Nonane (C9)	2.744	2553540	21.633 ug/ml
2) T n-Decane (C10)	3.752	2593783	21.776 ug/ml
3) T A~Naphthalene (C11.7)	5.317	2726902	22.174 ug/ml
4) T n-Dodecane (C12)	5.736	2624632	21.752 ug/ml
5) T A~2-methylnaphthalene...	6.366	2443670	21.933 ug/ml
6) T n-Tetradecane (C14)	7.523	2557478	21.817 ug/ml
7) T n-Hexadecane (C16)	9.119	2649238	21.713 ug/ml
8) T n-Octadecane (C18)	10.557	2736492	21.524 ug/ml
10) T n-Eicosane (C20)	11.862	2673955	21.430 ug/ml
11) T n-Heneicosane (C21)	12.472	2630930	21.458 ug/ml
13) T n-Docosane (C22)	13.057	2627854	21.449 ug/ml
14) T n-Tetracosane (C24)	14.158	2635525	21.473 ug/ml
15) T n-Hexacosane (C26)	15.176	2577922	21.429 ug/ml
16) T n-Octacosane (C28)	16.122	2537423	21.578 ug/ml
17) T n-Tricontane (C30)	17.007	2535380	21.289 ug/ml
18) T n-Dotriacontane (C32)	17.838	2462563	21.060 ug/ml
19) T n-Tetratriacontane (C34)	18.620	2343958	21.111 ug/ml
20) T n-Hexatriacontane (C36)	19.358	2241839	21.148 ug/ml
21) T n-Octatriacontane (C38)	20.080	2152131	20.595 ug/ml
22) T n-Tetracontane (C40)	20.965	1976662	20.403 ug/ml

(f)=RT Delta > 1/2 Window

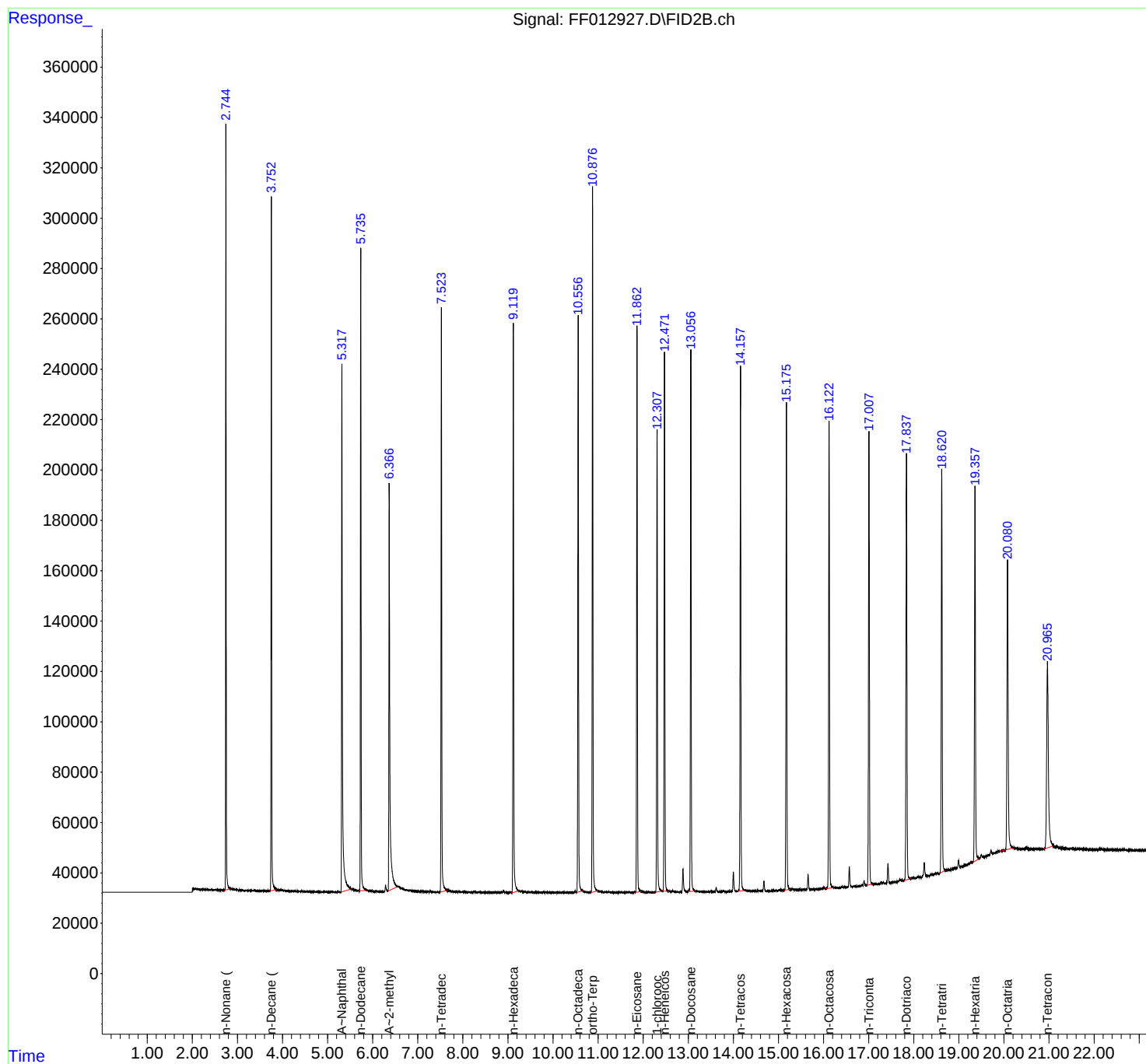
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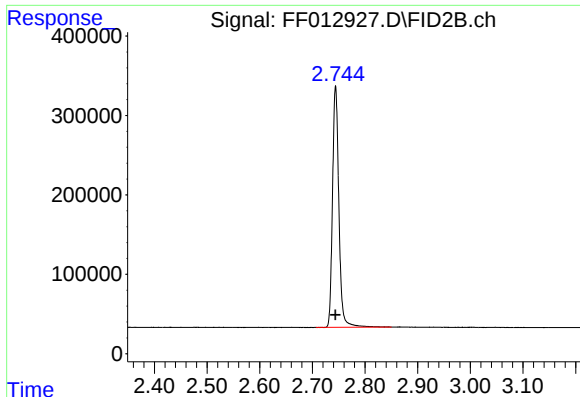
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#1 n-Nonane (C9)

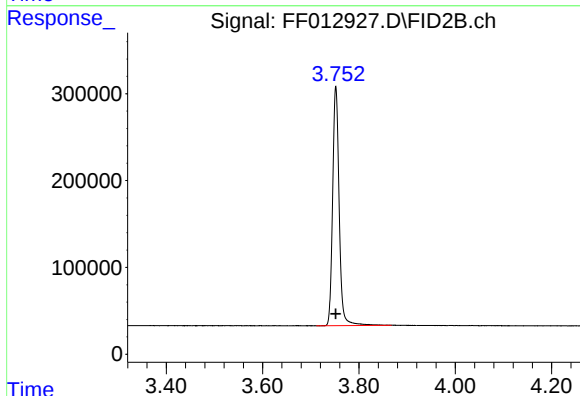
R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 2553540
Conc: 21.63 ug/ml

Instrument :

FID_F

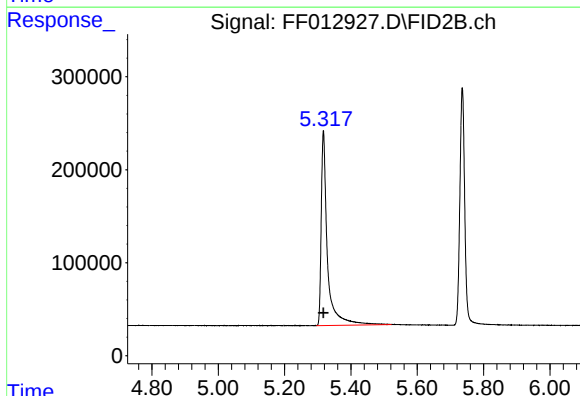
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



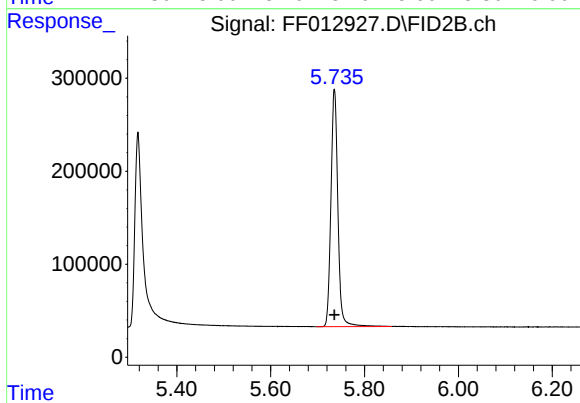
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 2593783
Conc: 21.78 ug/ml



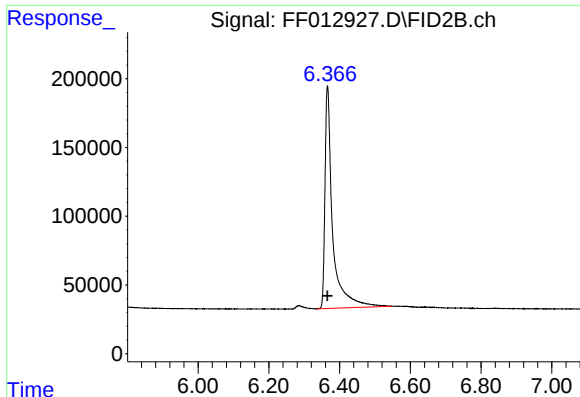
#3 A~Naphthalene (C11.7)

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 2726902
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

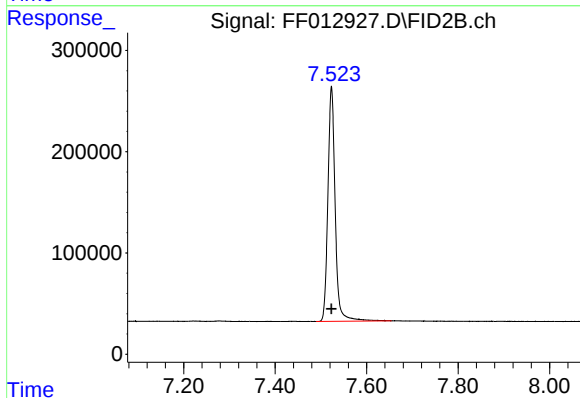
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 2624632
Conc: 21.75 ug/ml



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

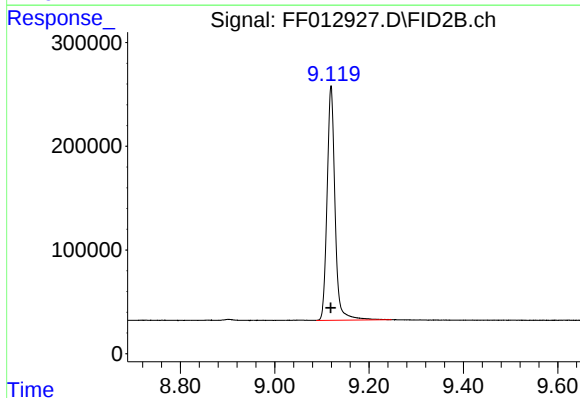
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 2443670
Conc: 21.93 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



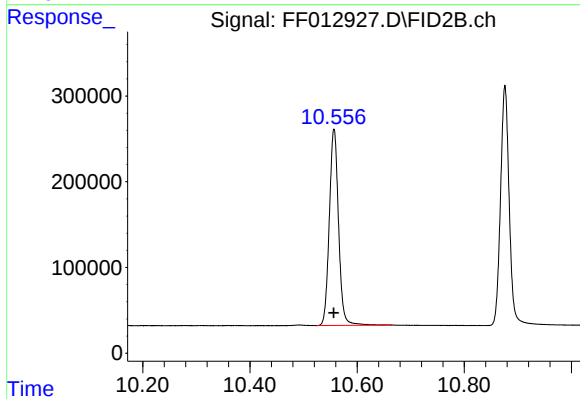
#6 n-Tetradecane (C14)

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 2557478
Conc: 21.82 ug/ml



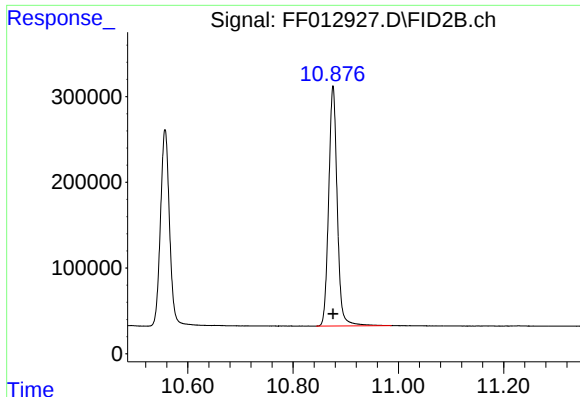
#7 n-Hexadecane (C16)

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 2649238
Conc: 21.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.557 min
Delta R.T.: 0.000 min
Response: 2736492
Conc: 21.52 ug/ml



#9 ortho-Terphenyl (SURR)

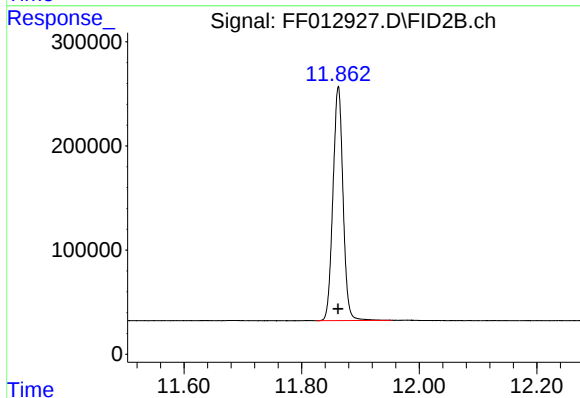
R.T.: 10.876 min
Delta R.T.: 0.000 min
Response: 3161773
Conc: 21.43 ug/ml

Instrument :

FID_F

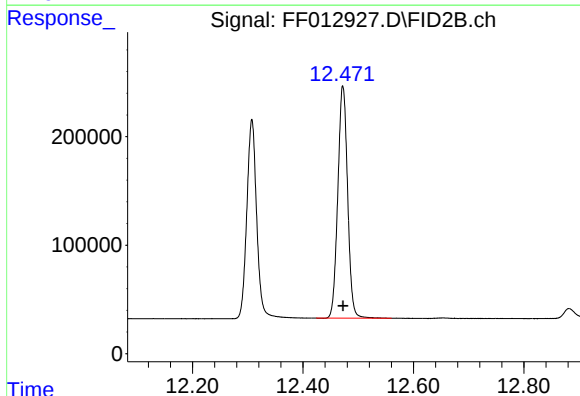
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



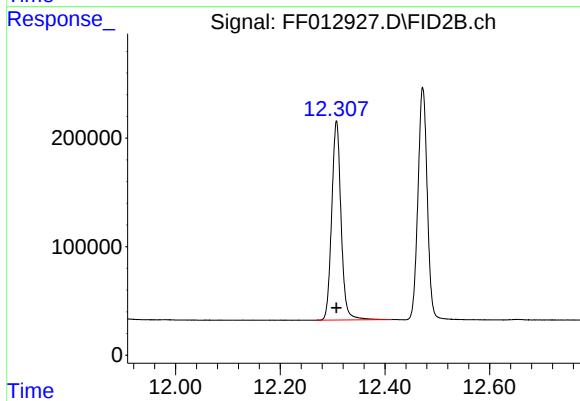
#10 n-Eicosane (C20)

R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 2673955
Conc: 21.43 ug/ml



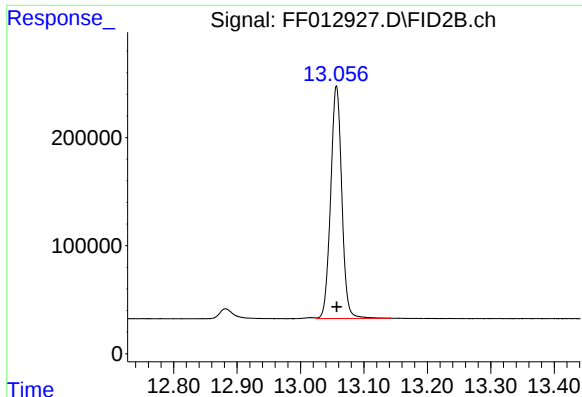
#11 n-Heneicosane (C21)

R.T.: 12.472 min
Delta R.T.: 0.000 min
Response: 2630930
Conc: 21.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.308 min
Delta R.T.: 0.000 min
Response: 2275964
Conc: 21.48 ug/ml



#13 n-Docosane (C22)

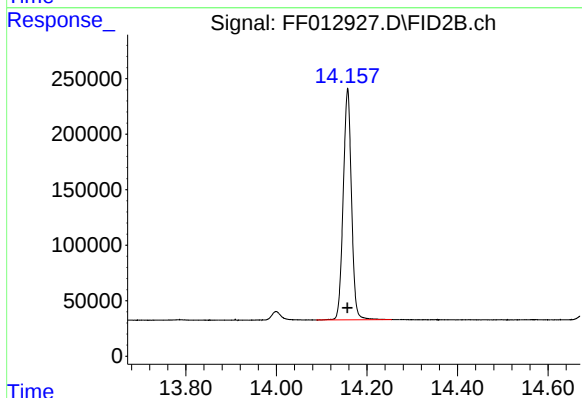
R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 2627854
Conc: 21.45 ug/ml

Instrument :

FID_F

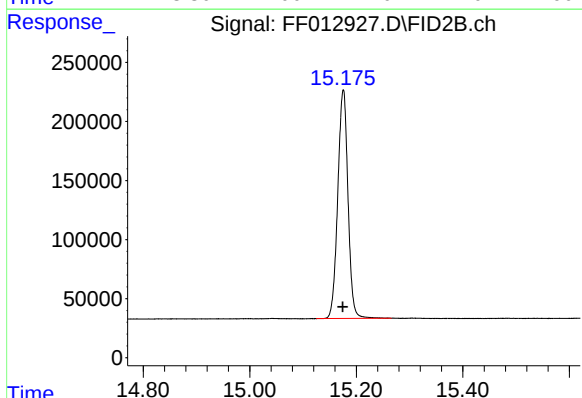
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



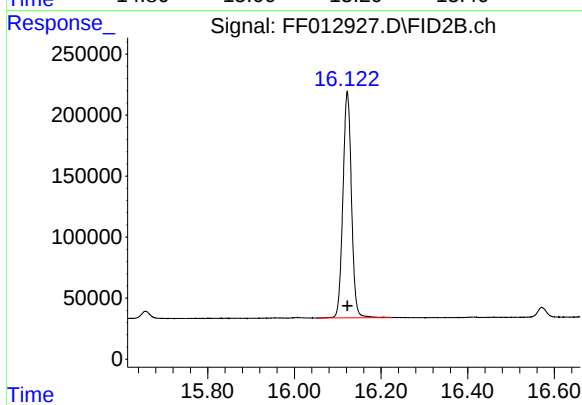
#14 n-Tetracosane (C24)

R.T.: 14.158 min
Delta R.T.: 0.000 min
Response: 2635525
Conc: 21.47 ug/ml



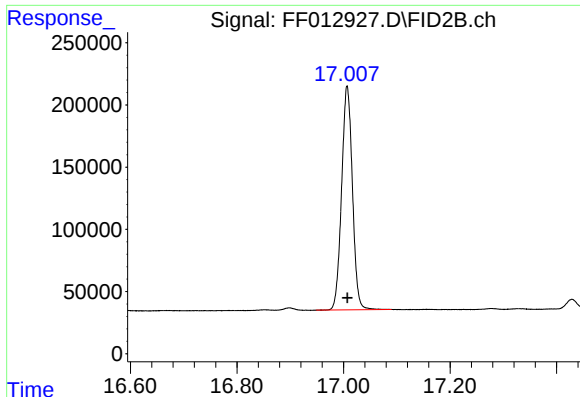
#15 n-Hexacosane (C26)

R.T.: 15.176 min
Delta R.T.: 0.001 min
Response: 2577922
Conc: 21.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.122 min
Delta R.T.: 0.000 min
Response: 2537423
Conc: 21.58 ug/ml



#17 n-Tricontane (C30)

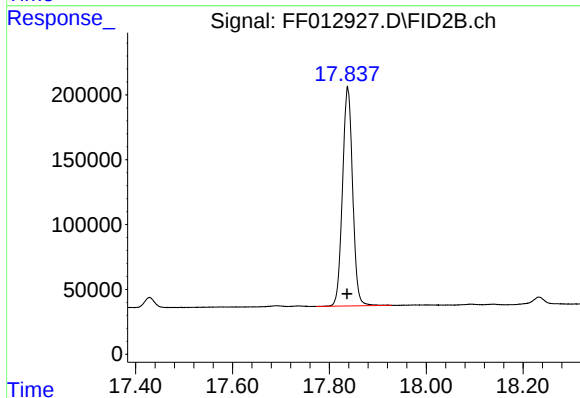
R.T.: 17.007 min
Delta R.T.: 0.000 min
Response: 2535380
Conc: 21.29 ug/ml

Instrument :

FID_F

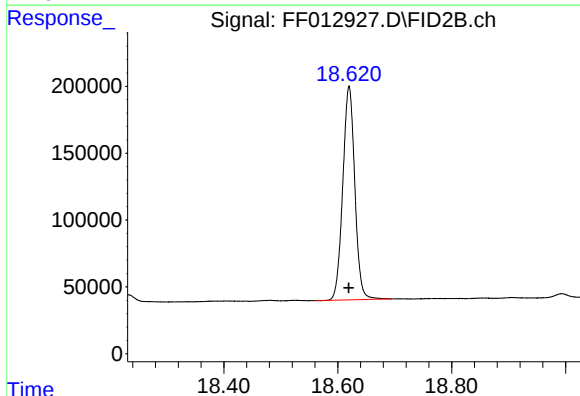
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



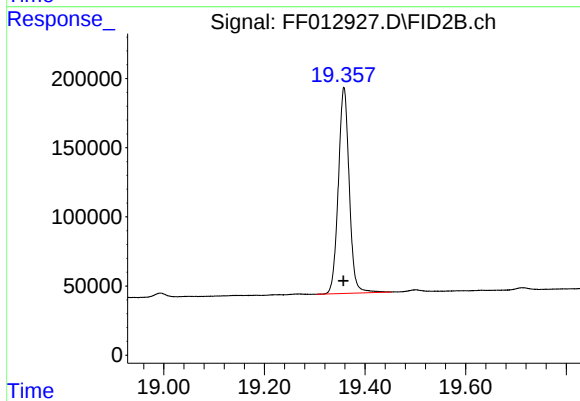
#18 n-Dotriacontane (C32)

R.T.: 17.838 min
Delta R.T.: 0.001 min
Response: 2462563
Conc: 21.06 ug/ml



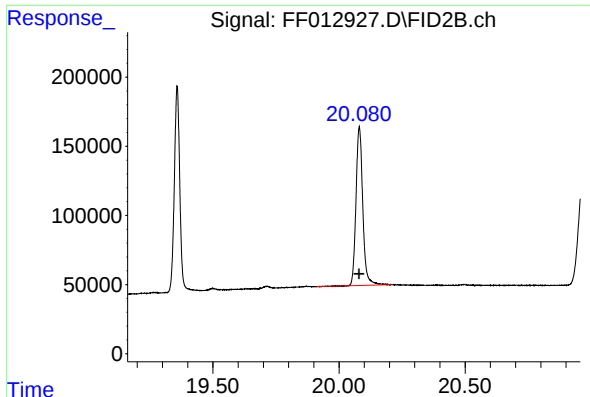
#19 n-Tetratriacontane (C34)

R.T.: 18.620 min
Delta R.T.: 0.000 min
Response: 2343958
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

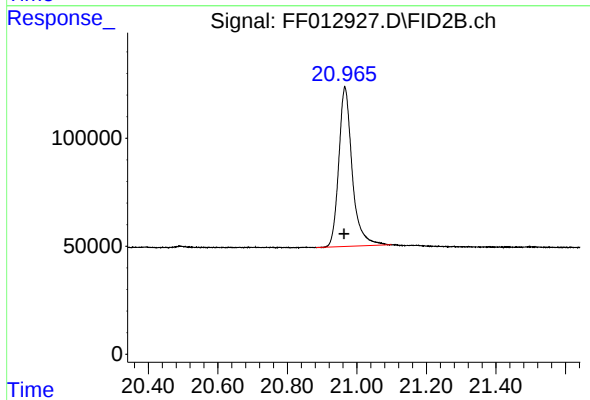
R.T.: 19.358 min
Delta R.T.: 0.001 min
Response: 2241839
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.080 min
Delta R.T.: 0.000 min
Response: 2152131
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.965 min
Delta R.T.: 0.002 min
Response: 1976662
Conc: 20.40 ug/ml