

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013172.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 12:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 10 16:01:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 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)	11.897	6630870	50.715 ug/ml
Spiked Amount 50.000		Recovery =	101.43%
12) S 1-chlorooctadecane (S...	13.334	5069179	50.880 ug/ml
Spiked Amount 50.000		Recovery =	101.76%
Target Compounds			
1) T n-Nonane (C9)	3.287	5135773	50.333 ug/ml
2) T n-Decane (C10)	4.541	5158998	50.442 ug/ml
3) T A~Naphthalene (C11.7)	6.238	5712981	50.513 ug/ml
4) T n-Dodecane (C12)	6.705	5223134	50.578 ug/ml
5) T A~2-methylnaphthalene...	7.332	5728412	50.630 ug/ml
6) T n-Tetradecane (C14)	8.530	5203313	50.603 ug/ml
7) T n-Hexadecane (C16)	10.138	5239019	50.718 ug/ml
8) T n-Octadecane (C18)	11.581	5284443	50.590 ug/ml
10) T n-Eicosane (C20)	12.890	5297076	50.751 ug/ml
11) T n-Heneicosane (C21)	13.502	5305204	50.804 ug/ml
13) T n-Docosane (C22)	14.088	5299809	50.776 ug/ml
14) T n-Tetracosane (C24)	15.190	5296499	50.750 ug/ml
15) T n-Hexacosane (C26)	16.211	5263842	50.733 ug/ml
16) T n-Octacosane (C28)	17.160	5188215	50.722 ug/ml
17) T n-Tricontane (C30)	18.046	5204120	50.664 ug/ml
18) T n-Dotriacontane (C32)	18.878	5193553	49.527 ug/ml
19) T n-Tetratriacontane (C34)	19.661	5008357	50.327 ug/ml
20) T n-Hexatriacontane (C36)	20.399	5009885	50.223 ug/ml
21) T n-Octatriacontane (C38)	21.129	4818751	50.022 ug/ml
22) T n-Tetracontane (C40)	22.027	4735512	49.756 ug/ml

(f)=RT Delta > 1/2 Window

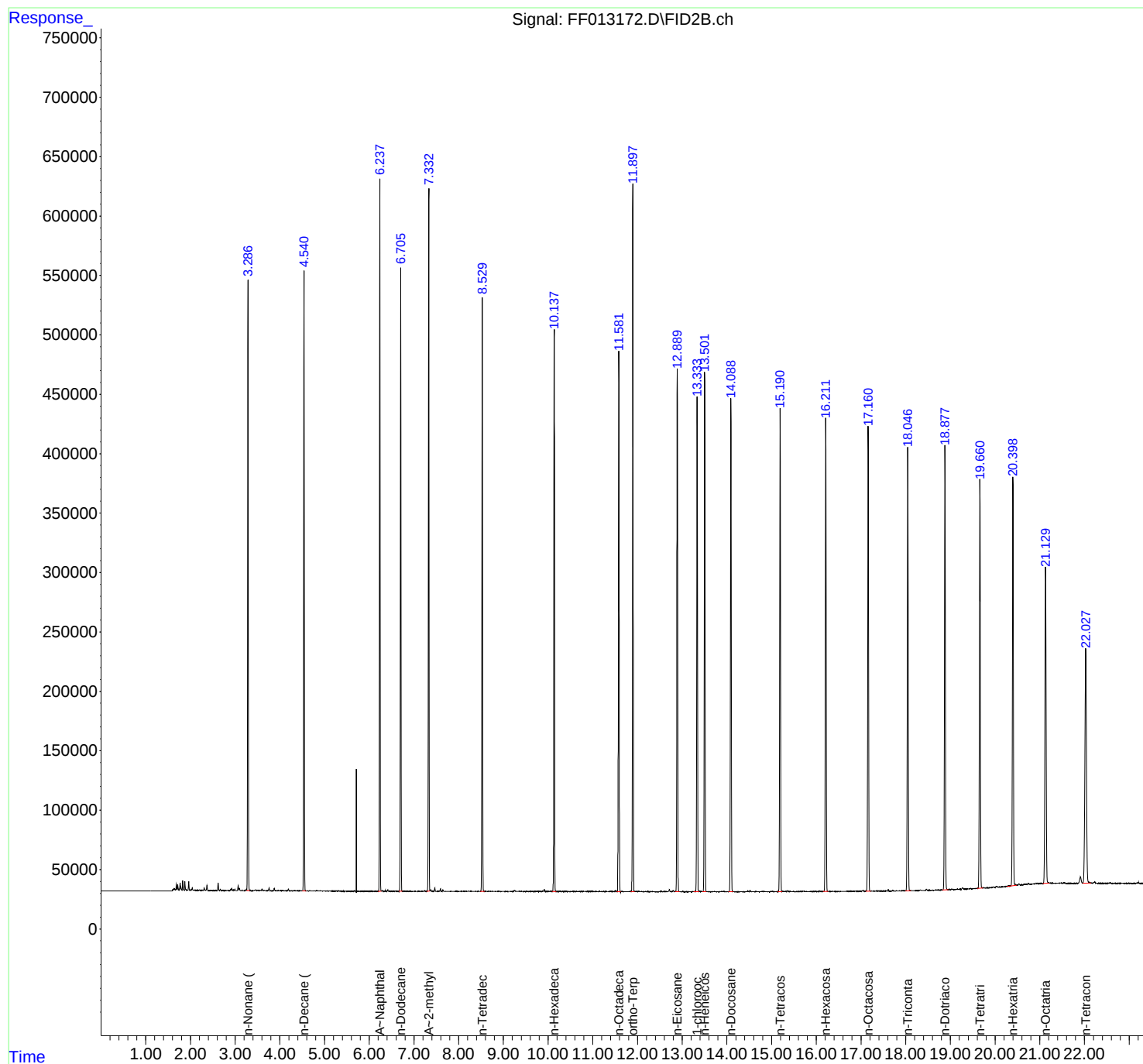
(m)=manual int.

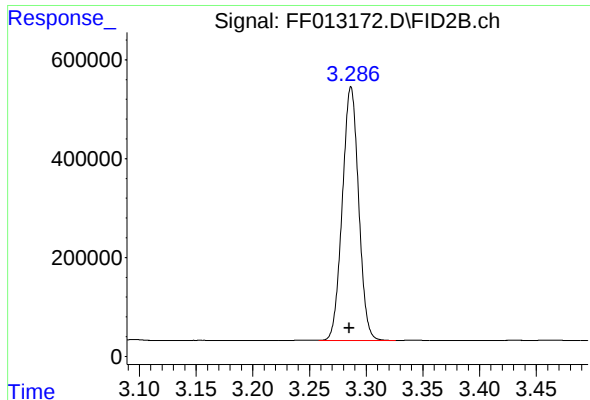
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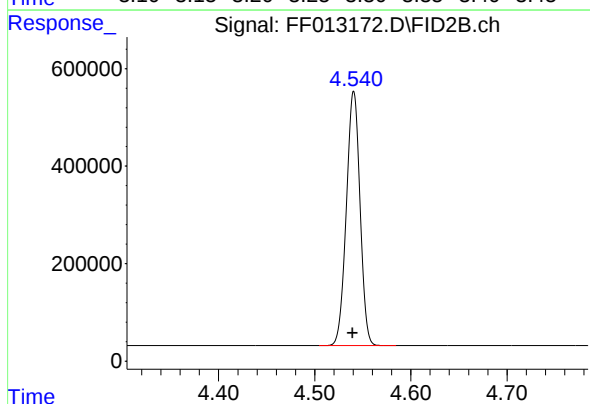




#1 n-Nonane (C9)

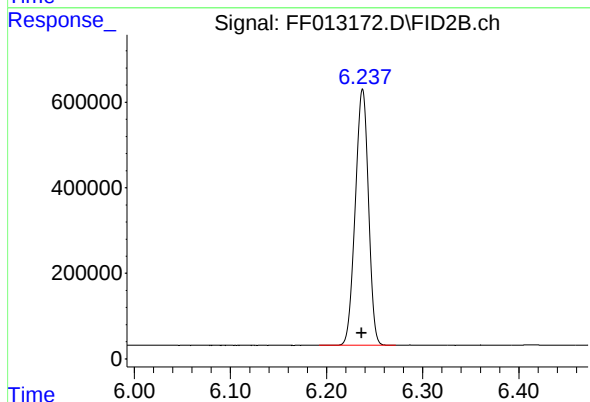
R.T.: 3.287 min
Delta R.T.: 0.002 min
Response: 5135773
Conc: 50.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



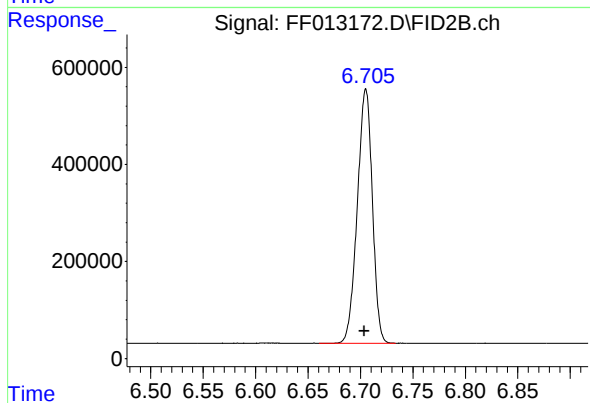
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.001 min
Response: 5158998
Conc: 50.44 ug/ml



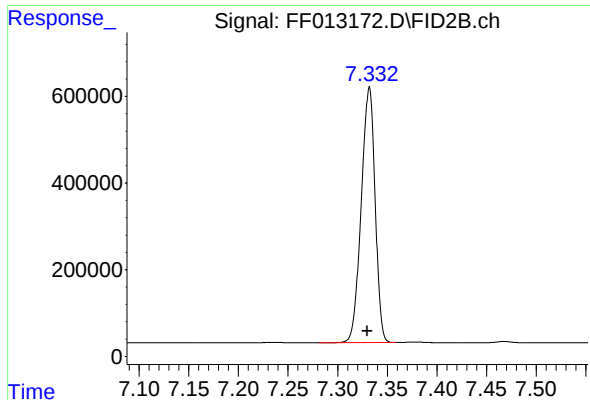
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.001 min
Response: 5712981
Conc: 50.51 ug/ml



#4 n-Dodecane (C12)

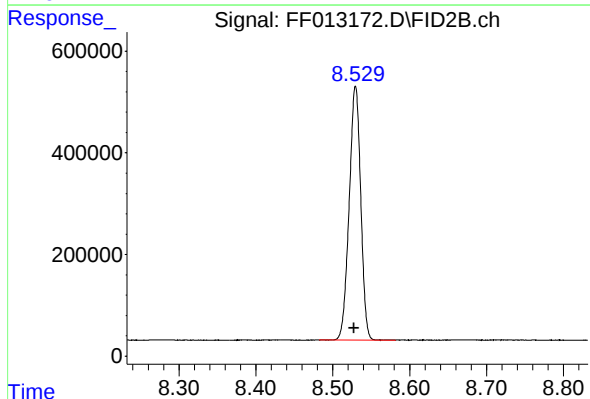
R.T.: 6.705 min
Delta R.T.: 0.002 min
Response: 5223134
Conc: 50.58 ug/ml



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

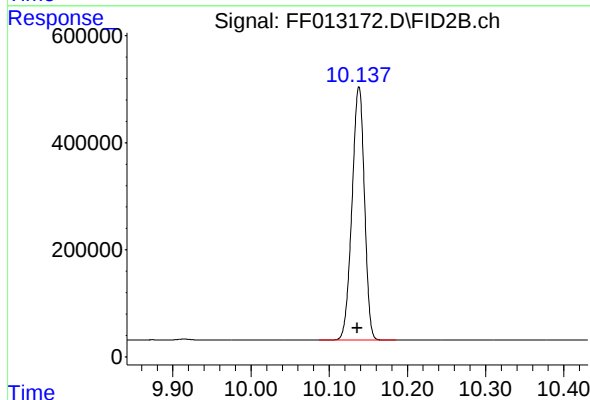
R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 5728412
Conc: 50.63 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



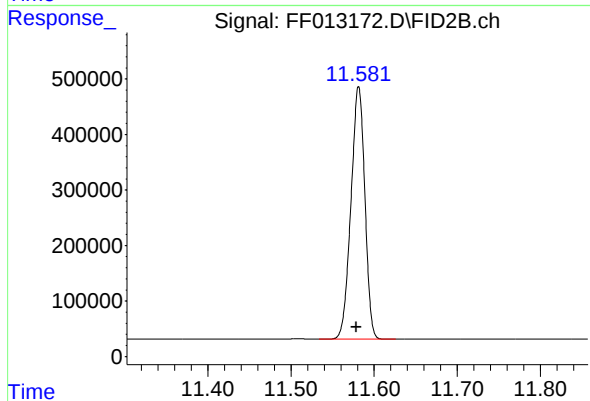
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.002 min
Response: 5203313
Conc: 50.60 ug/ml



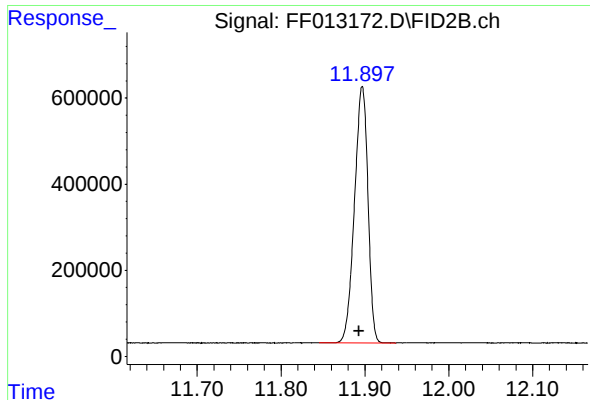
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.003 min
Response: 5239019
Conc: 50.72 ug/ml



#8 n-Octadecane (C18)

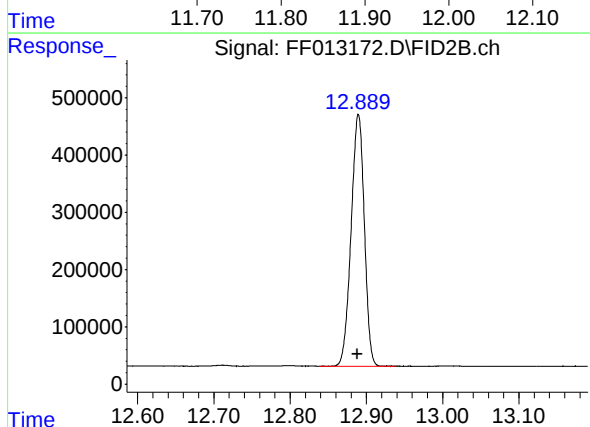
R.T.: 11.581 min
Delta R.T.: 0.003 min
Response: 5284443
Conc: 50.59 ug/ml



#9 ortho-Terphenyl (SURR)

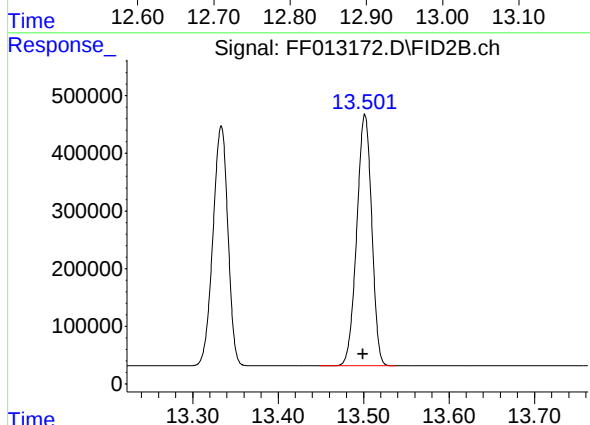
R.T.: 11.897 min
Delta R.T.: 0.004 min
Response: 6630870
Conc: 50.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



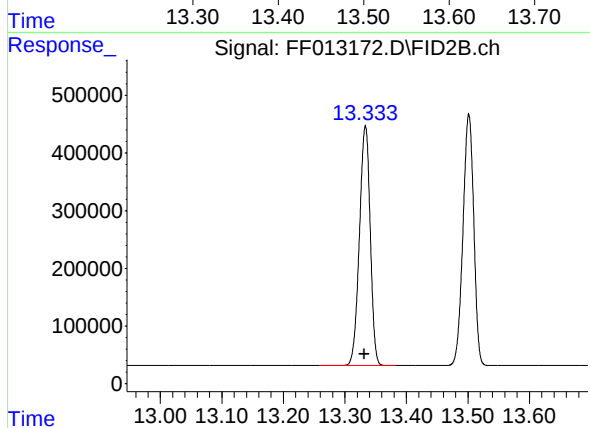
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: 0.002 min
Response: 5297076
Conc: 50.75 ug/ml



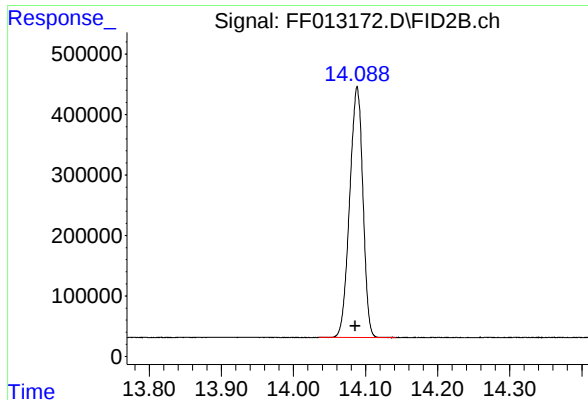
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.002 min
Response: 5305204
Conc: 50.80 ug/ml



#12 1-chlorooctadecane (SURR)

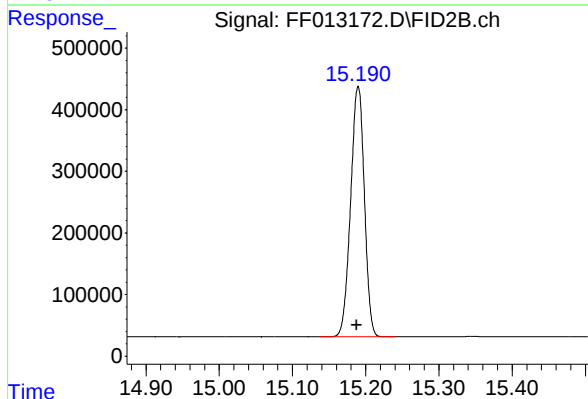
R.T.: 13.334 min
Delta R.T.: 0.002 min
Response: 5069179
Conc: 50.88 ug/ml



#13 n-Docosane (C22)

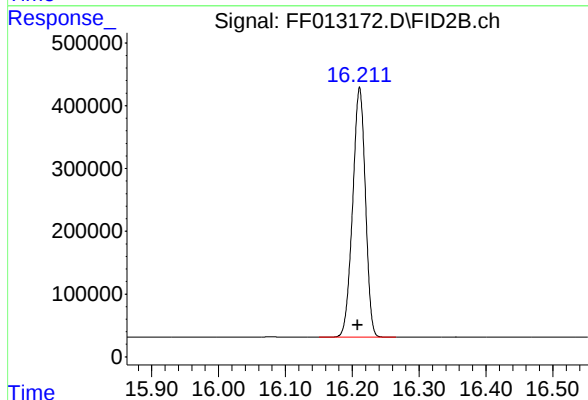
R.T.: 14.088 min
Delta R.T.: 0.003 min
Response: 5299809
Conc: 50.78 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



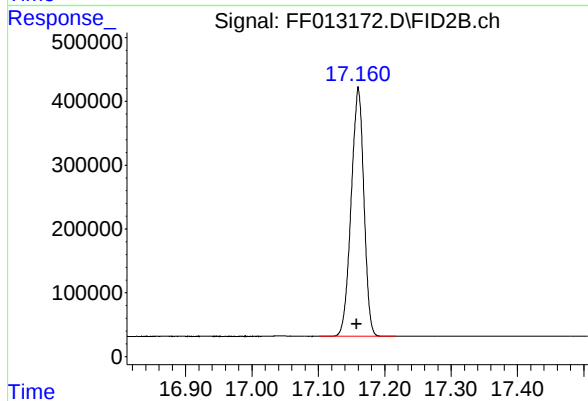
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.002 min
Response: 5296499
Conc: 50.75 ug/ml



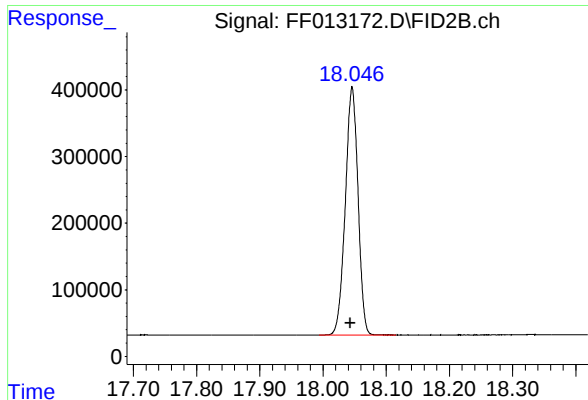
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.002 min
Response: 5263842
Conc: 50.73 ug/ml



#16 n-Octacosane (C28)

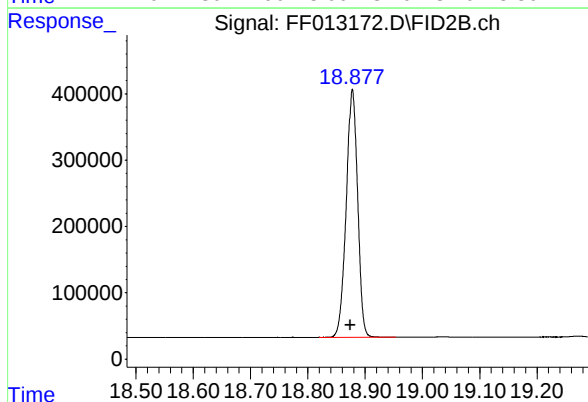
R.T.: 17.160 min
Delta R.T.: 0.003 min
Response: 5188215
Conc: 50.72 ug/ml



#17 n-Tricontane (C30)

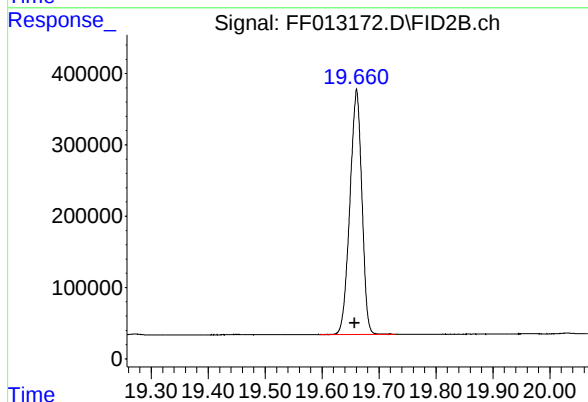
R.T.: 18.046 min
Delta R.T.: 0.003 min
Response: 5204120
Conc: 50.66 ug/ml

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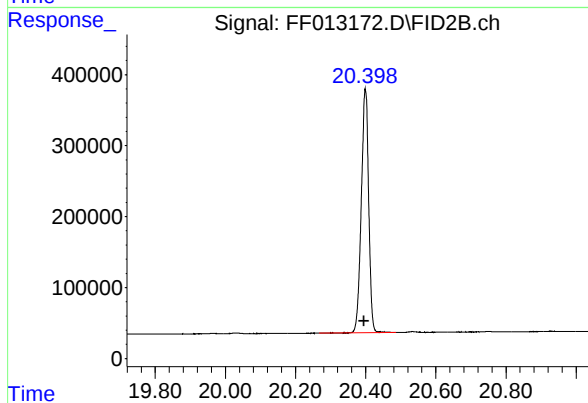
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: 0.004 min
Response: 5193553
Conc: 49.53 ug/ml



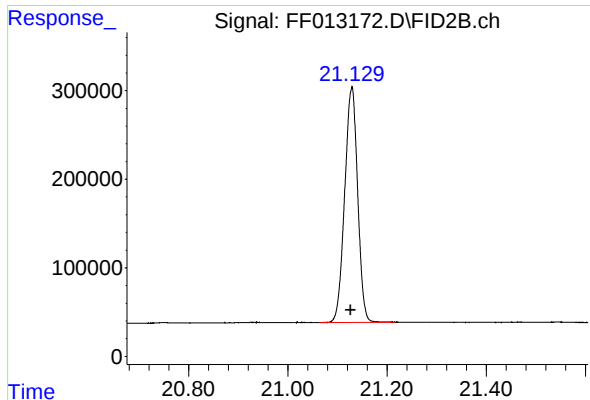
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: 0.003 min
Response: 5008357
Conc: 50.33 ug/ml



#20 n-Hexatriacontane (C36)

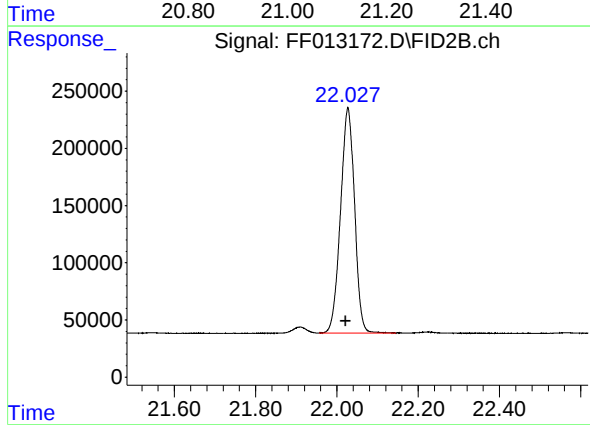
R.T.: 20.399 min
Delta R.T.: 0.004 min
Response: 5009885
Conc: 50.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: 0.003 min
Response: 4818751
Conc: 50.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.006 min
Response: 4735512
Conc: 49.76 ug/ml