

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101123AL\
 Data File : FD046727.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 22:59
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 11 04:16:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 04:12:57 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)	11.385	9793611	49.046 ug/ml
Spiked Amount 50.000		Recovery =	98.09%
12) S 1-chlorooctadecane (S...	12.818	7381610	49.157 ug/ml
Spiked Amount 50.000		Recovery =	98.31%
Target Compounds			
1) T n-Nonane (C9)	3.215	7438253	48.946 ug/ml
2) T n-Decane (C10)	4.269	7530176	48.947 ug/ml
3) T A~Naphthalene (C11.7)	5.829	8380833	48.906 ug/ml
4) T n-Dodecane (C12)	6.271	7638921	49.024 ug/ml
5) T A~2-methylnaphthalene...	6.878	8331638	49.193 ug/ml
6) T n-Tetradecane (C14)	8.055	7626854	49.071 ug/ml
7) T n-Hexadecane (C16)	9.646	7876387	49.064 ug/ml
8) T n-Octadecane (C18)	11.079	8091244	49.014 ug/ml
10) T n-Eicosane (C20)	12.379	8070627	49.091 ug/ml
11) T n-Heneicosane (C21)	12.987	8060703	49.091 ug/ml
13) T n-Docosane (C22)	13.570	8051310	49.028 ug/ml
14) T n-Tetracosane (C24)	14.663	8044609	49.044 ug/ml
15) T n-Hexacosane (C26)	15.677	7811085	49.083 ug/ml
16) T n-Octacosane (C28)	16.620	7486299	48.979 ug/ml
17) T n-Tricontane (C30)	17.500	7281384	48.869 ug/ml
18) T n-Dotriacontane (C32)	18.326	6958568	48.917 ug/ml
19) T n-Tetratriacontane (C34)	19.102	6588133	49.099 ug/ml
20) T n-Hexatriacontane (C36)	19.835	6305249	48.988 ug/ml
21) T n-Octatriacontane (C38)	20.534	6065763	49.066 ug/ml
22) T n-Tetracontane (C40)	21.347	5888752	49.158 ug/ml

(f)=RT Delta > 1/2 Window

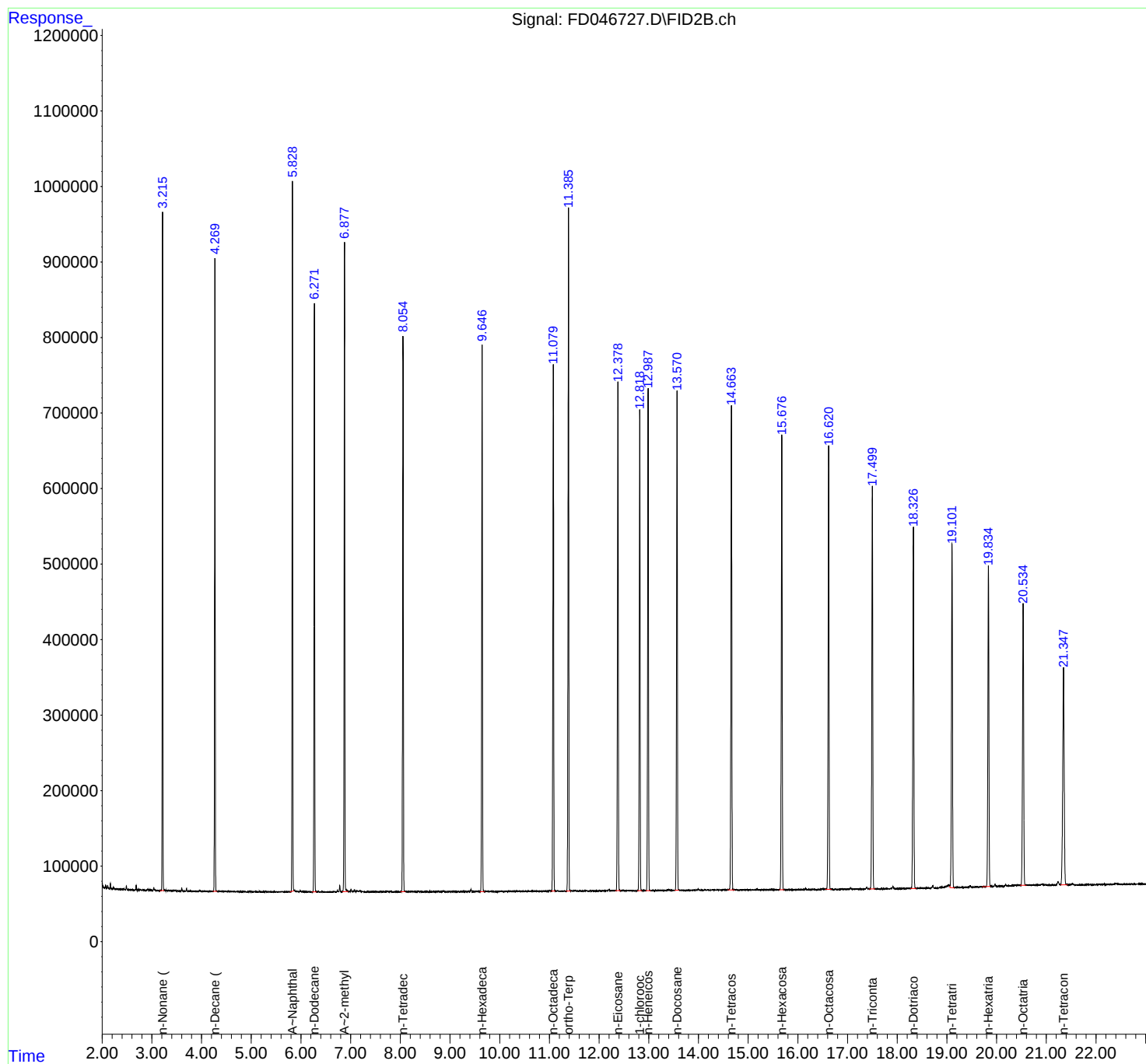
(m)=manual int.

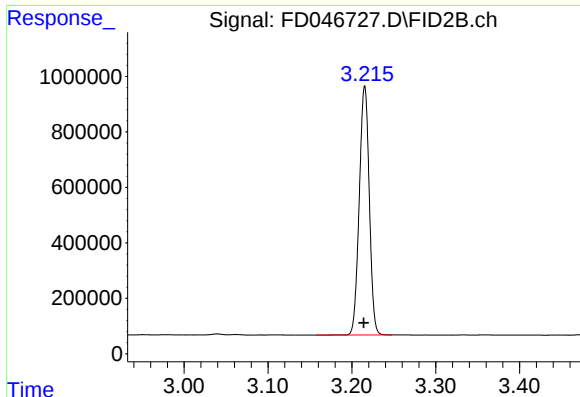
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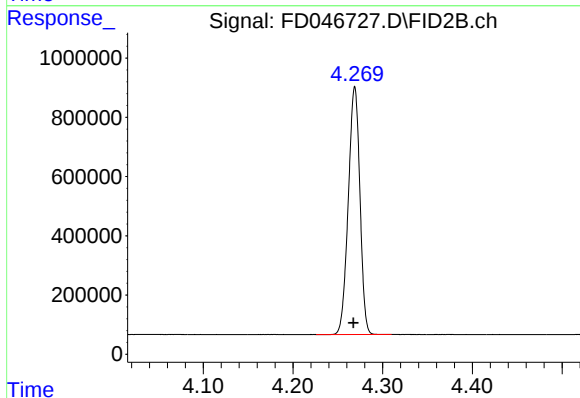




#1 n-Nonane (C9)

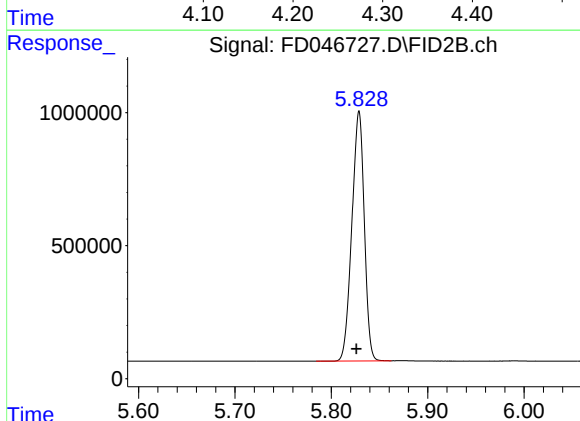
R.T.: 3.215 min
Delta R.T.: 0.001 min
Response: 7438253
Conc: 48.95 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



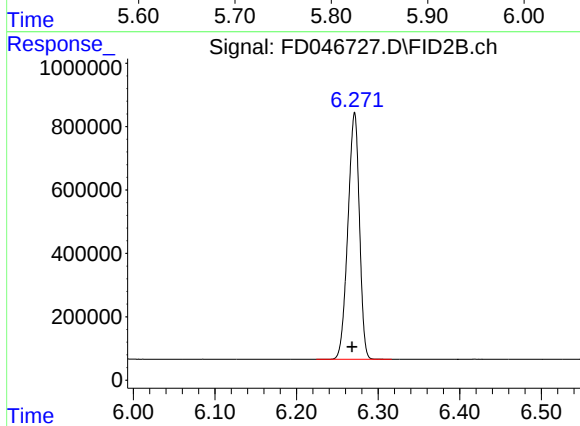
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: 0.002 min
Response: 7530176
Conc: 48.95 ug/ml



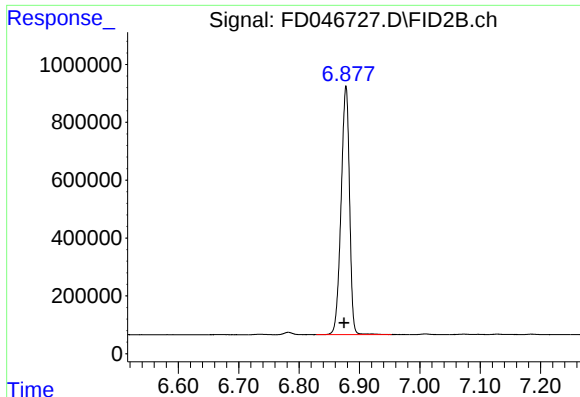
#3 A~Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: 0.003 min
Response: 8380833
Conc: 48.91 ug/ml



#4 n-Dodecane (C12)

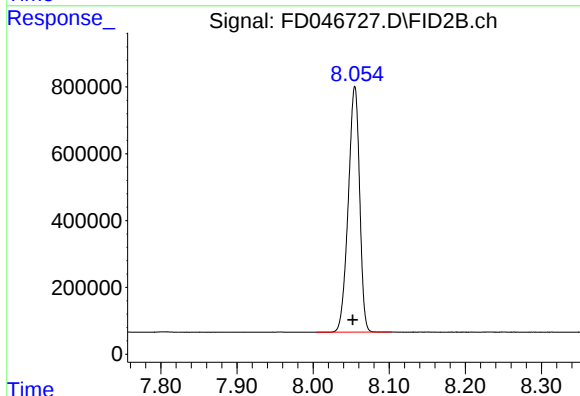
R.T.: 6.271 min
Delta R.T.: 0.003 min
Response: 7638921
Conc: 49.02 ug/ml



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

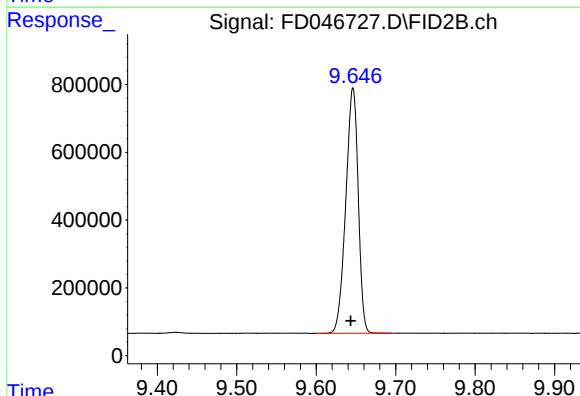
R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 8331638
Conc: 49.19 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



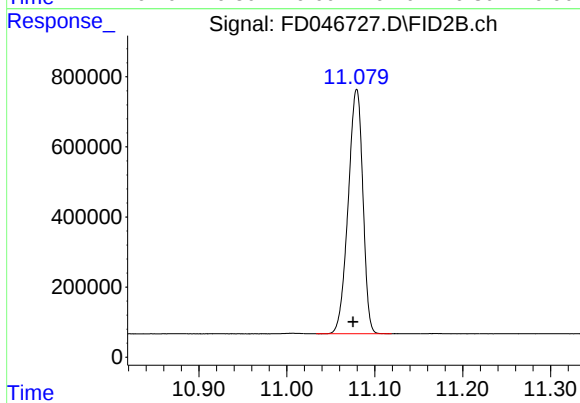
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.003 min
Response: 7626854
Conc: 49.07 ug/ml



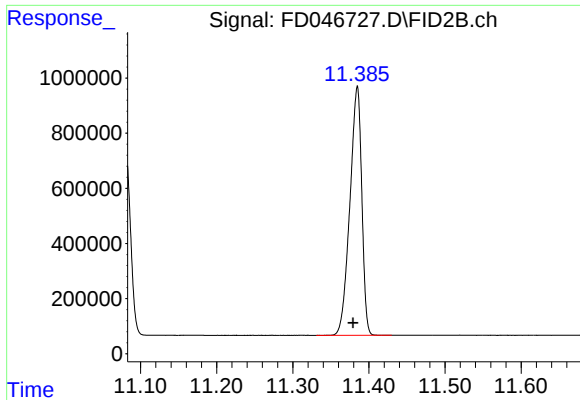
#7 n-Hexadecane (C16)

R.T.: 9.646 min
Delta R.T.: 0.003 min
Response: 7876387
Conc: 49.06 ug/ml



#8 n-Octadecane (C18)

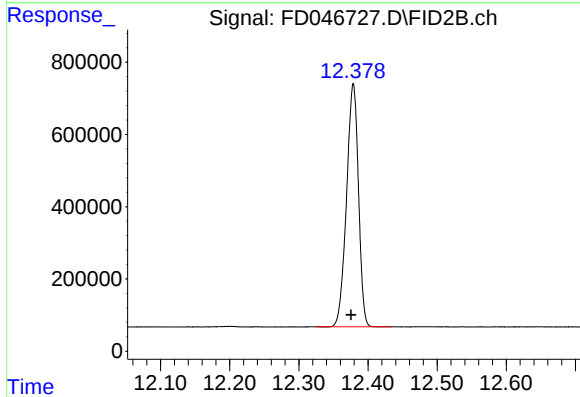
R.T.: 11.079 min
Delta R.T.: 0.004 min
Response: 8091244
Conc: 49.01 ug/ml



#9 ortho-Terphenyl (SURR)

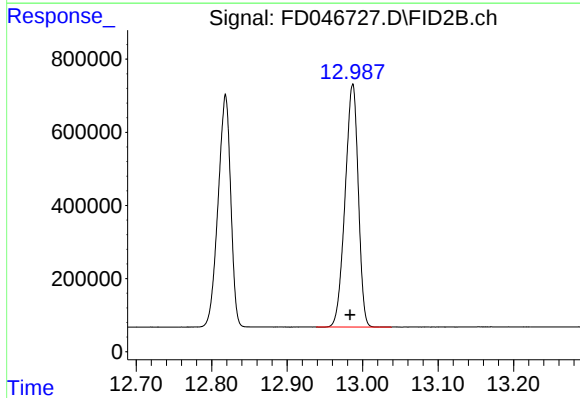
R.T.: 11.385 min
Delta R.T.: 0.006 min
Response: 9793611
Conc: 49.05 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



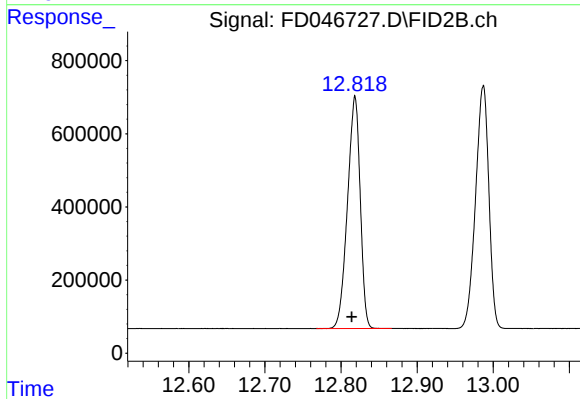
#10 n-Eicosane (C20)

R.T.: 12.379 min
Delta R.T.: 0.003 min
Response: 8070627
Conc: 49.09 ug/ml



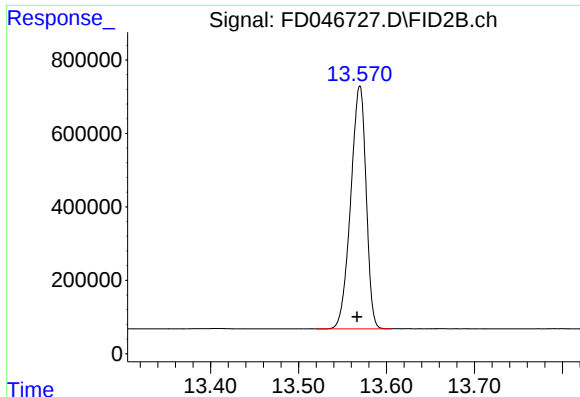
#11 n-Heneicosane (C21)

R.T.: 12.987 min
Delta R.T.: 0.004 min
Response: 8060703
Conc: 49.09 ug/ml



#12 1-chlorooctadecane (SURR)

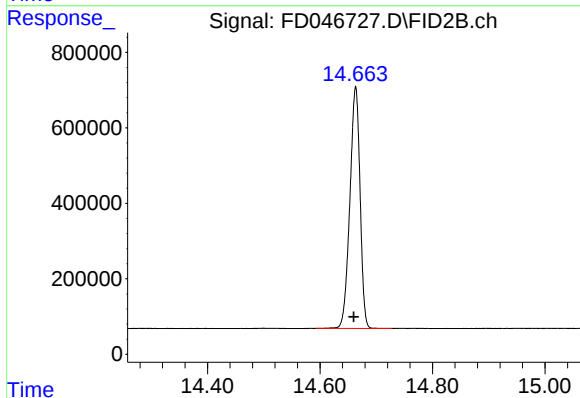
R.T.: 12.818 min
Delta R.T.: 0.004 min
Response: 7381610
Conc: 49.16 ug/ml



#13 n-Docosane (C22)

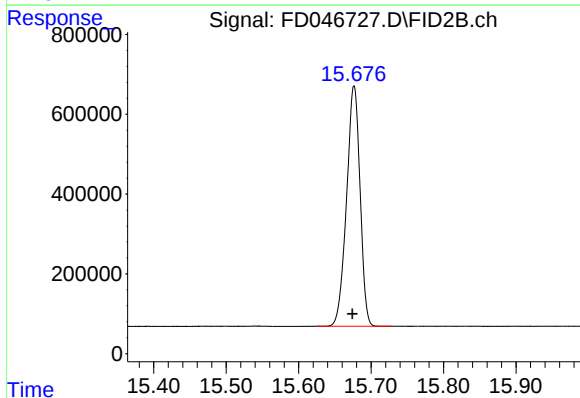
R.T.: 13.570 min
Delta R.T.: 0.003 min
Response: 8051310
Conc: 49.03 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



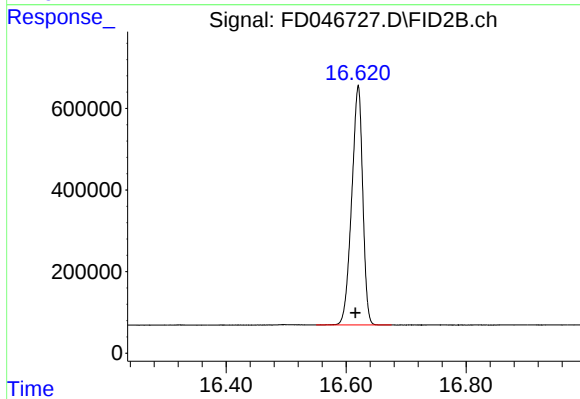
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.003 min
Response: 8044609
Conc: 49.04 ug/ml



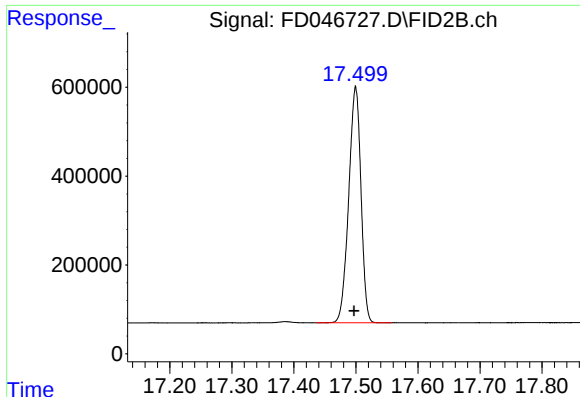
#15 n-Hexacosane (C26)

R.T.: 15.677 min
Delta R.T.: 0.002 min
Response: 7811085
Conc: 49.08 ug/ml



#16 n-Octacosane (C28)

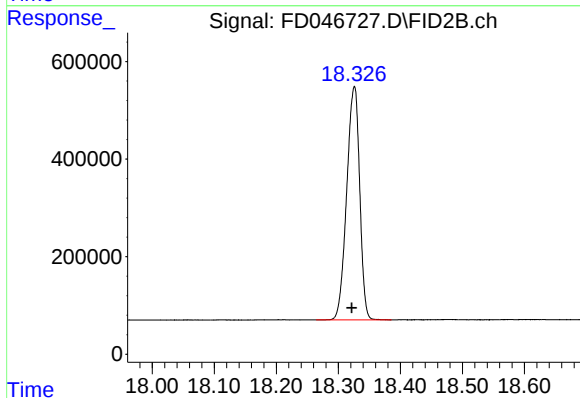
R.T.: 16.620 min
Delta R.T.: 0.005 min
Response: 7486299
Conc: 48.98 ug/ml



#17 n-Tricontane (C30)

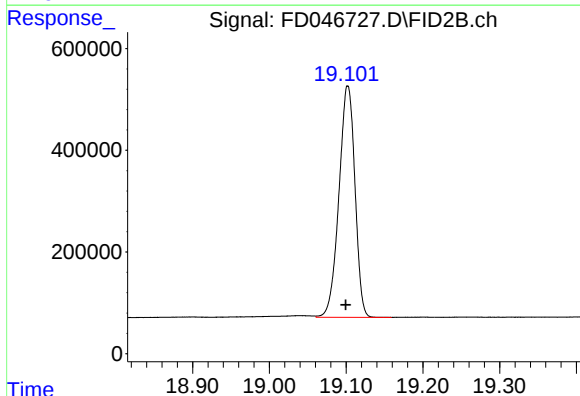
R.T.: 17.500 min
Delta R.T.: 0.003 min
Response: 7281384
Conc: 48.87 ug/ml

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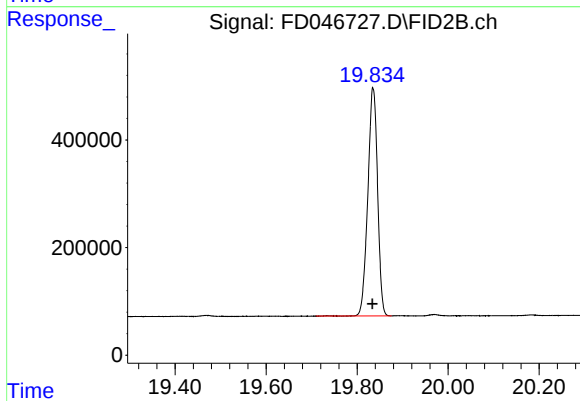
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: 0.004 min
Response: 6958568
Conc: 48.92 ug/ml



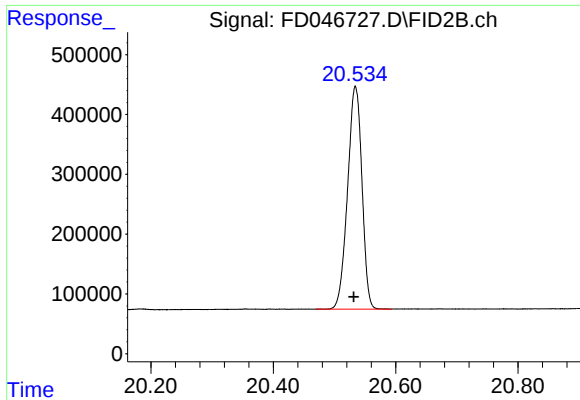
#19 n-Tetratriacontane (C34)

R.T.: 19.102 min
Delta R.T.: 0.003 min
Response: 6588133
Conc: 49.10 ug/ml



#20 n-Hexatriacontane (C36)

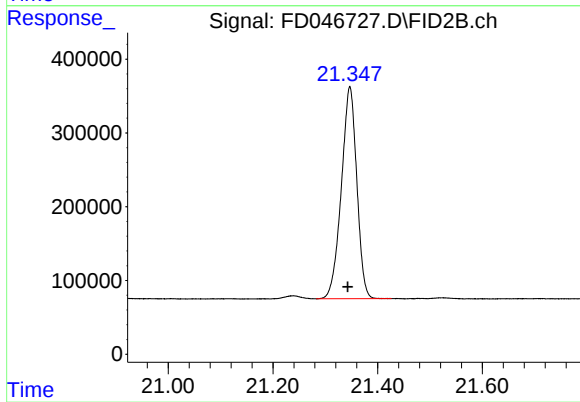
R.T.: 19.835 min
Delta R.T.: 0.002 min
Response: 6305249
Conc: 48.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.534 min
Delta R.T.: 0.002 min
Response: 6065763
Conc: 49.07 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.347 min
Delta R.T.: 0.004 min
Response: 5888752
Conc: 49.16 ug/ml