

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045557.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 20:03
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 03 00:59:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:55:06 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)	11.445	8246981	50.030 ug/ml
Spiked Amount 50.000		Recovery =	100.06%
12) S 1-chlorooctadecane (S...	12.877	5709213	50.314 ug/ml
Spiked Amount 50.000		Recovery =	100.63%
Target Compounds			
1) T n-Nonane (C9)	3.258	6846818	50.008 ug/ml
2) T n-Decane (C10)	4.318	6974810	49.976 ug/ml
3) T A~Naphthalene (C11.7)	5.885	7607832	49.898 ug/ml
4) T n-Dodecane (C12)	6.324	7021980	50.000 ug/ml
5) T A~2-methylnaphthalene...	6.935	7310232	50.143 ug/ml
6) T n-Tetradecane (C14)	8.110	6980843	50.011 ug/ml
7) T n-Hexadecane (C16)	9.703	7180905	50.054 ug/ml
8) T n-Octadecane (C18)	11.137	7269917	50.052 ug/ml
10) T n-Eicosane (C20)	12.438	6905429	50.046 ug/ml
11) T n-Heneicosane (C21)	13.046	6766808	50.091 ug/ml
13) T n-Docosane (C22)	13.629	6686933	50.125 ug/ml
14) T n-Tetracosane (C24)	14.724	6532379	50.114 ug/ml
15) T n-Hexacosane (C26)	15.737	6278637	50.121 ug/ml
16) T n-Octacosane (C28)	16.680	6012680	50.145 ug/ml
17) T n-Tricontane (C30)	17.560	5941678	50.143 ug/ml
18) T n-Dotriacontane (C32)	18.387	5759856	50.205 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5588919	50.230 ug/ml
20) T n-Hexatriacontane (C36)	19.897	5356787	50.439 ug/ml
21) T n-Octatriacontane (C38)	20.602	5122283	50.728 ug/ml
22) T n-Tetracontane (C40)	21.437	4729270	51.043 ug/ml

(f)=RT Delta > 1/2 Window

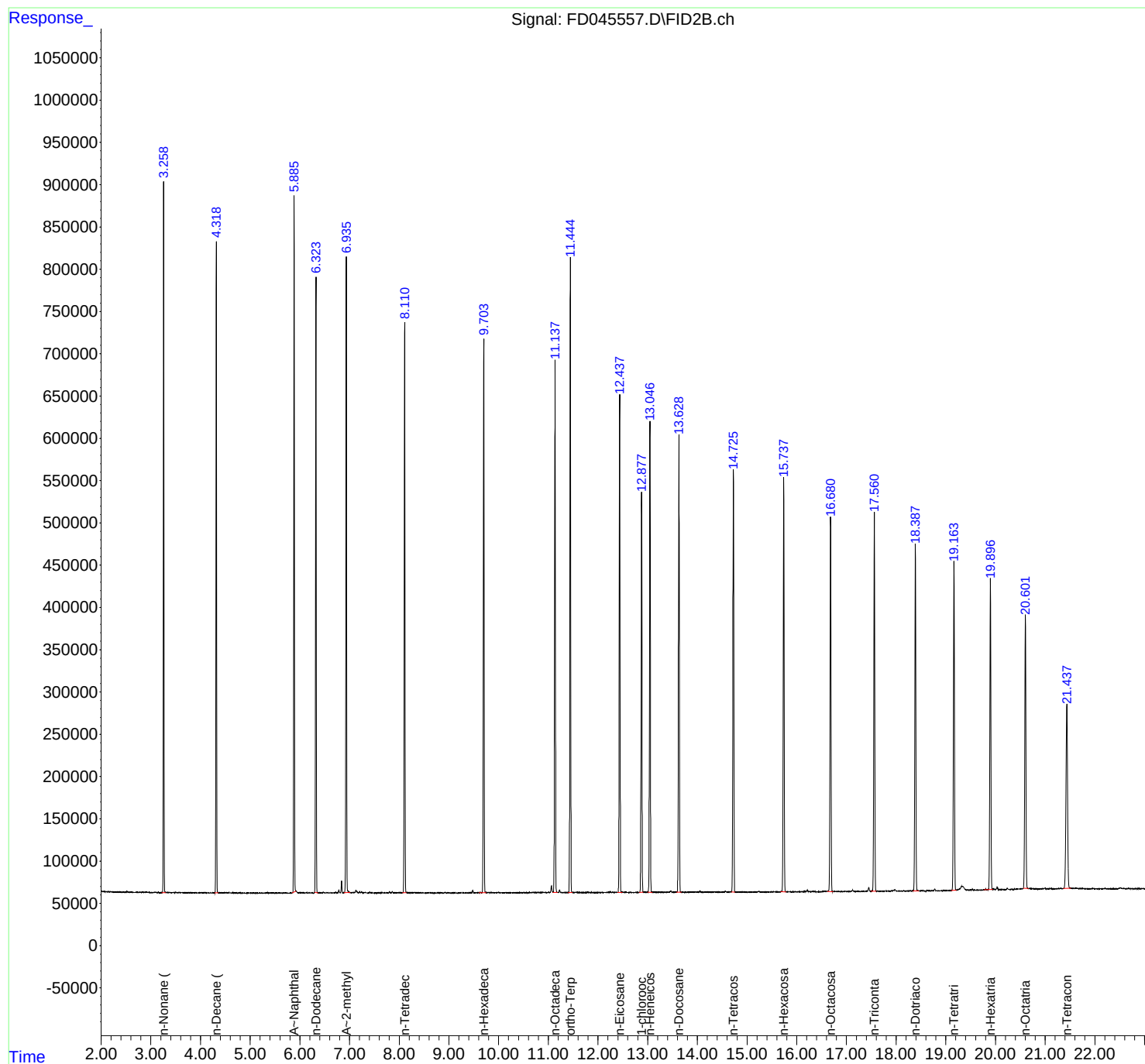
(m)=manual int.

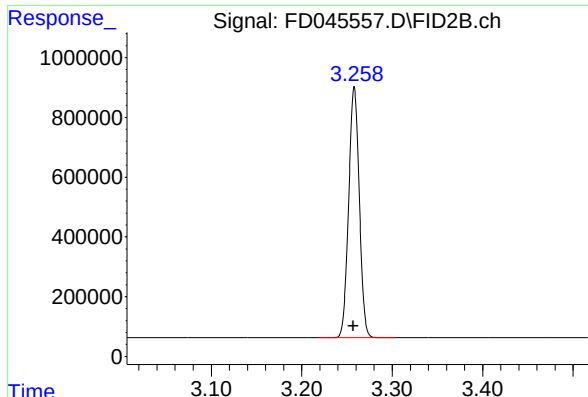
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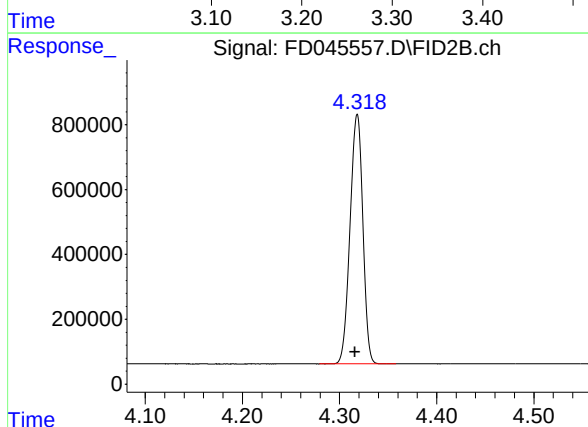




#1 n-Nonane (C9)

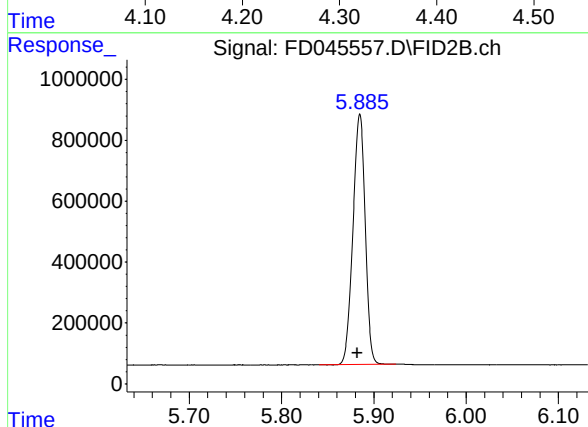
R.T.: 3.258 min
Delta R.T.: 0.001 min
Response: 6846818
Conc: 50.01 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



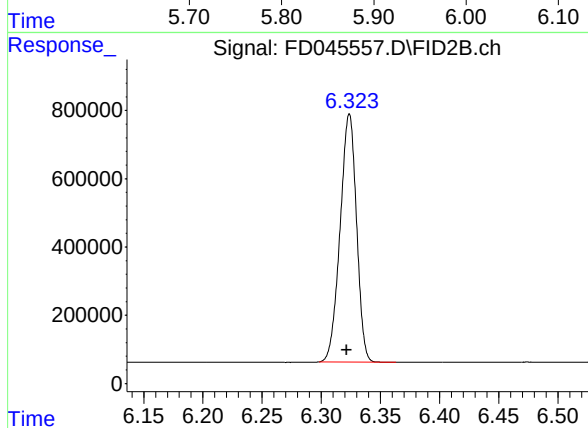
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 6974810
Conc: 49.98 ug/ml



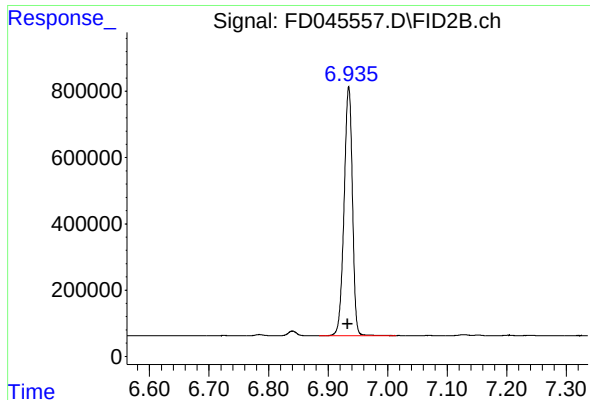
#3 A~Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.003 min
Response: 7607832
Conc: 49.90 ug/ml



#4 n-Dodecane (C12)

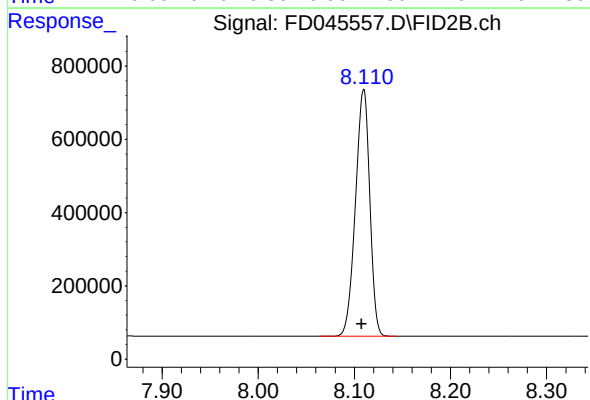
R.T.: 6.324 min
Delta R.T.: 0.002 min
Response: 7021980
Conc: 50.00 ug/ml



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

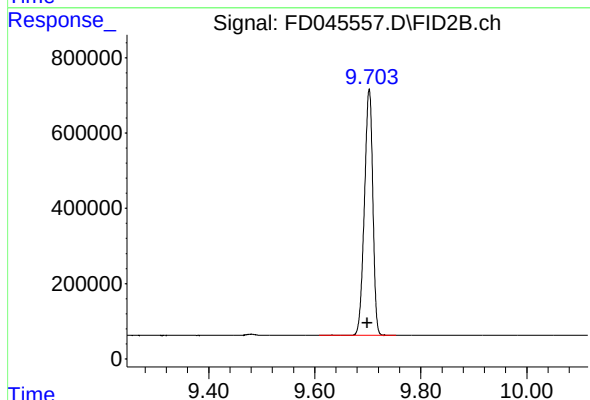
R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 7310232
Conc: 50.14 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



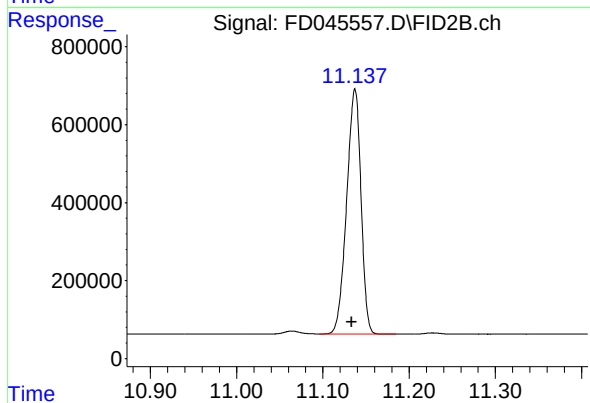
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: 0.002 min
Response: 6980843
Conc: 50.01 ug/ml



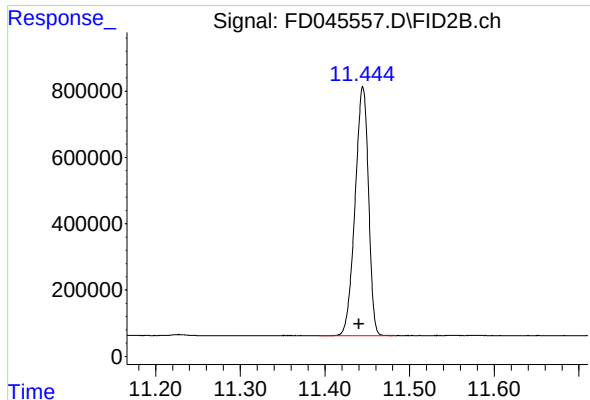
#7 n-Hexadecane (C16)

R.T.: 9.703 min
Delta R.T.: 0.004 min
Response: 7180905
Conc: 50.05 ug/ml



#8 n-Octadecane (C18)

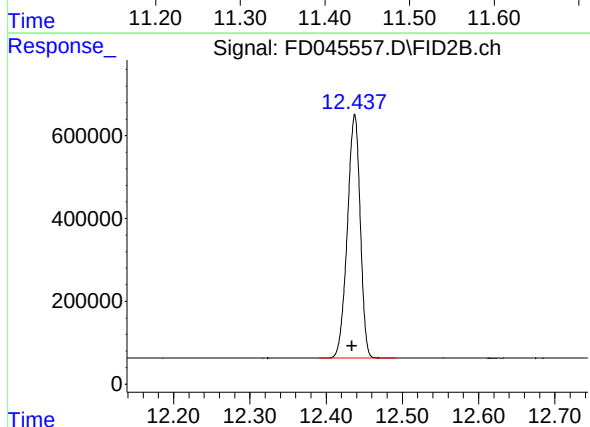
R.T.: 11.137 min
Delta R.T.: 0.004 min
Response: 7269917
Conc: 50.05 ug/ml



#9 ortho-Terphenyl (SURR)

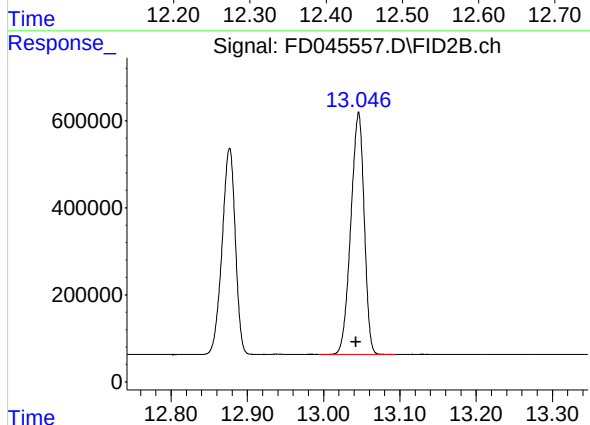
R.T.: 11.445 min
Delta R.T.: 0.005 min
Response: 8246981
Conc: 50.03 ug/ml

Instrument :
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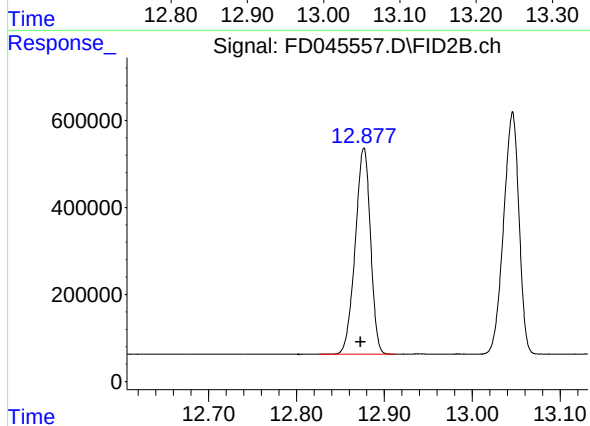
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: 0.004 min
Response: 6905429
Conc: 50.05 ug/ml



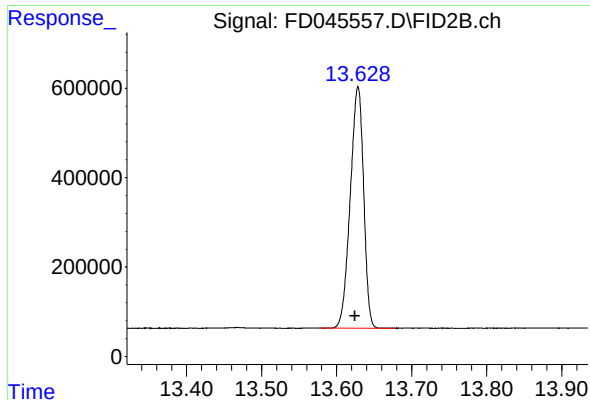
#11 n-Heneicosane (C21)

R.T.: 13.046 min
Delta R.T.: 0.004 min
Response: 6766808
Conc: 50.09 ug/ml



#12 1-chlorooctadecane (SURR)

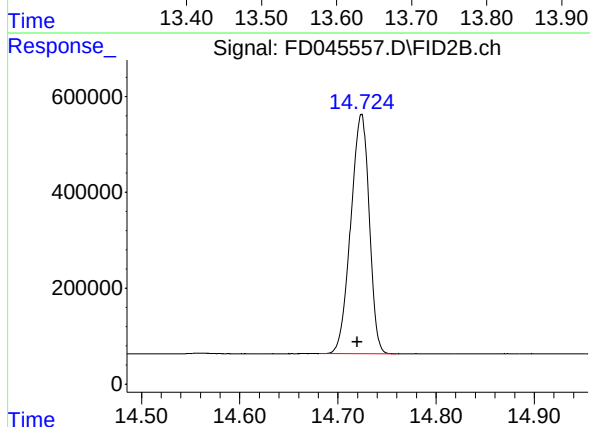
R.T.: 12.877 min
Delta R.T.: 0.004 min
Response: 5709213
Conc: 50.31 ug/ml



#13 n-Docosane (C22)

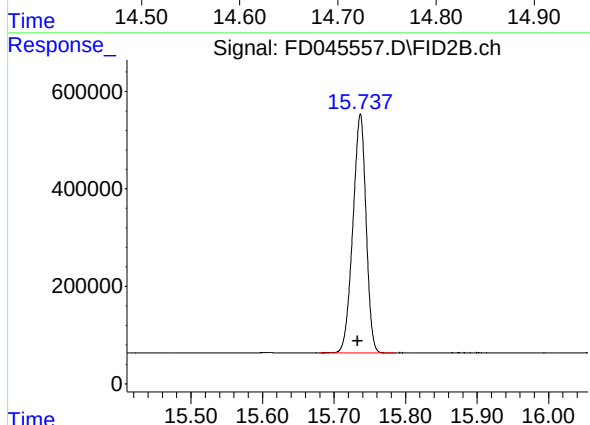
R.T.: 13.629 min
Delta R.T.: 0.004 min
Response: 6686933
Conc: 50.13 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



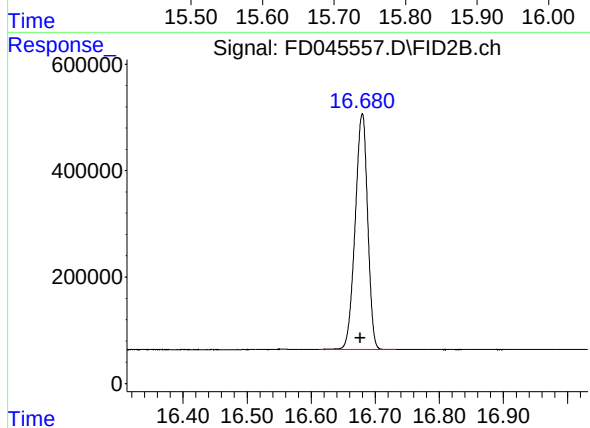
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: 0.005 min
Response: 6532379
Conc: 50.11 ug/ml



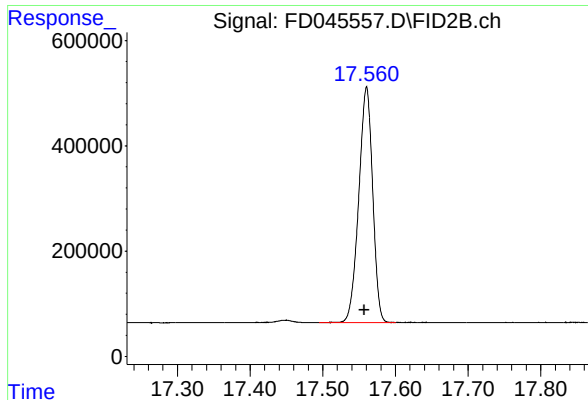
#15 n-Hexacosane (C26)

R.T.: 15.737 min
Delta R.T.: 0.003 min
Response: 6278637
Conc: 50.12 ug/ml



#16 n-Octacosane (C28)

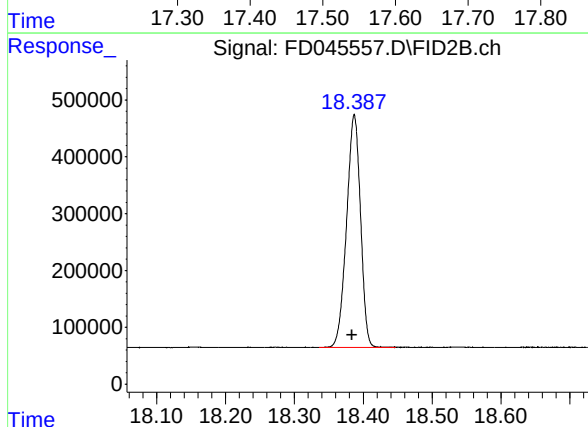
R.T.: 16.680 min
Delta R.T.: 0.003 min
Response: 6012680
Conc: 50.14 ug/ml



#17 n-Tricontane (C30)

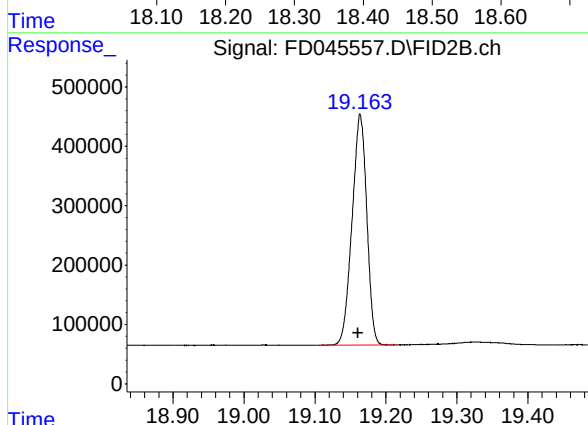
R.T.: 17.560 min
Delta R.T.: 0.003 min
Response: 5941678
Conc: 50.14 ug/ml

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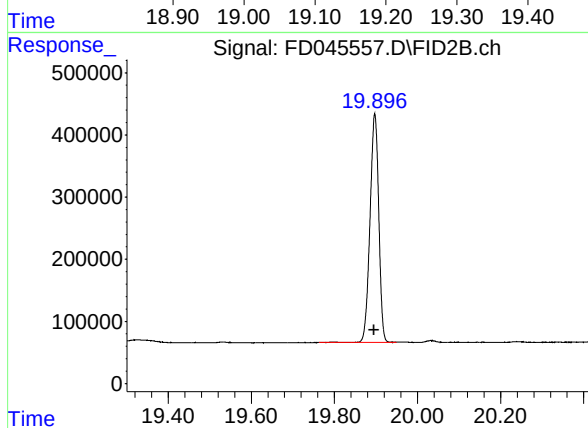
#18 n-Dotriacontane (C32)

R.T.: 18.387 min
Delta R.T.: 0.003 min
Response: 5759856
Conc: 50.21 ug/ml



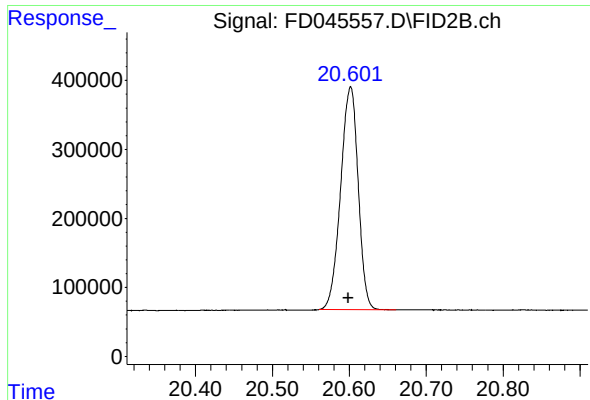
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.003 min
Response: 5588919
Conc: 50.23 ug/ml



#20 n-Hexatriacontane (C36)

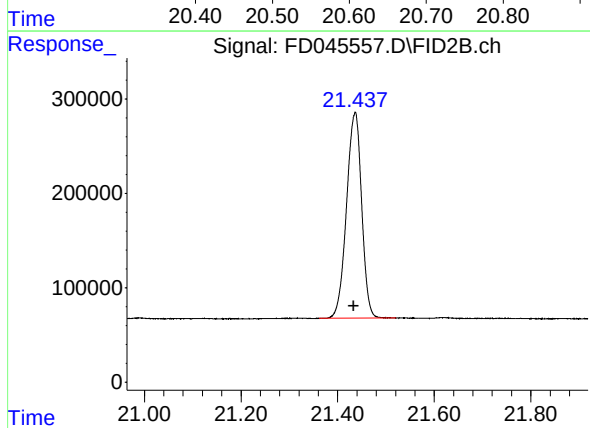
R.T.: 19.897 min
Delta R.T.: 0.001 min
Response: 5356787
Conc: 50.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.602 min
Delta R.T.: 0.003 min
Response: 5122283
Conc: 50.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.437 min
Delta R.T.: 0.003 min
Response: 4729270
Conc: 51.04 ug/ml