

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AL\
 Data File : FD043811.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 15:49
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 07 16:29:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 15:54:20 2022
 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)	11.322	1745944	10.169 ug/ml
Spiked Amount 50.000		Recovery =	20.34%
12) S 1-chlorooctadecane (S...	12.739	1360289	10.134 ug/ml
Spiked Amount 50.000		Recovery =	20.27%
Target Compounds			
1) T n-Nonane (C9)	3.157	1459548	9.973 ug/ml
2) T n-Decane (C10)	4.205	1463833	9.885 ug/ml
3) T A~Naphthalene (C11.7)	5.783	1275584	8.360 ug/ml
4) T n-Dodecane (C12)	6.202	1518212	10.023 ug/ml
5) T A~2-methylnaphthalene...	6.830	1191644	7.963 ug/ml
6) T n-Tetradecane (C14)	7.982	1545682	10.153 ug/ml
7) T n-Hexadecane (C16)	9.569	1547066	9.990 ug/ml
8) T n-Octadecane (C18)	10.998	1611575	10.192 ug/ml
10) T n-Eicosane (C20)	12.297	1645233	10.342 ug/ml
11) T n-Heneicosane (C21)	12.904	1658543	10.379 ug/ml
13) T n-Docosane (C22)	13.485	1653170	10.369 ug/ml
14) T n-Tetracosane (C24)	14.576	1630378	10.421 ug/ml
15) T n-Hexacosane (C26)	15.588	1603745	10.449 ug/ml
16) T n-Octacosane (C28)	16.528	1551161	10.414 ug/ml
17) T n-Tricontane (C30)	17.405	1520967	10.382 ug/ml
18) T n-Dotriacontane (C32)	18.229	1454309	10.354 ug/ml
19) T n-Tetratriacontane (C34)	19.002	1333931	10.368 ug/ml
20) T n-Hexatriacontane (C36)	19.733	1269701	10.368 ug/ml
21) T n-Octatriacontane (C38)	20.425	1199607	10.342 ug/ml
22) T n-Tetracontane (C40)	21.192	1133630	10.215 ug/ml

(f)=RT Delta > 1/2 Window

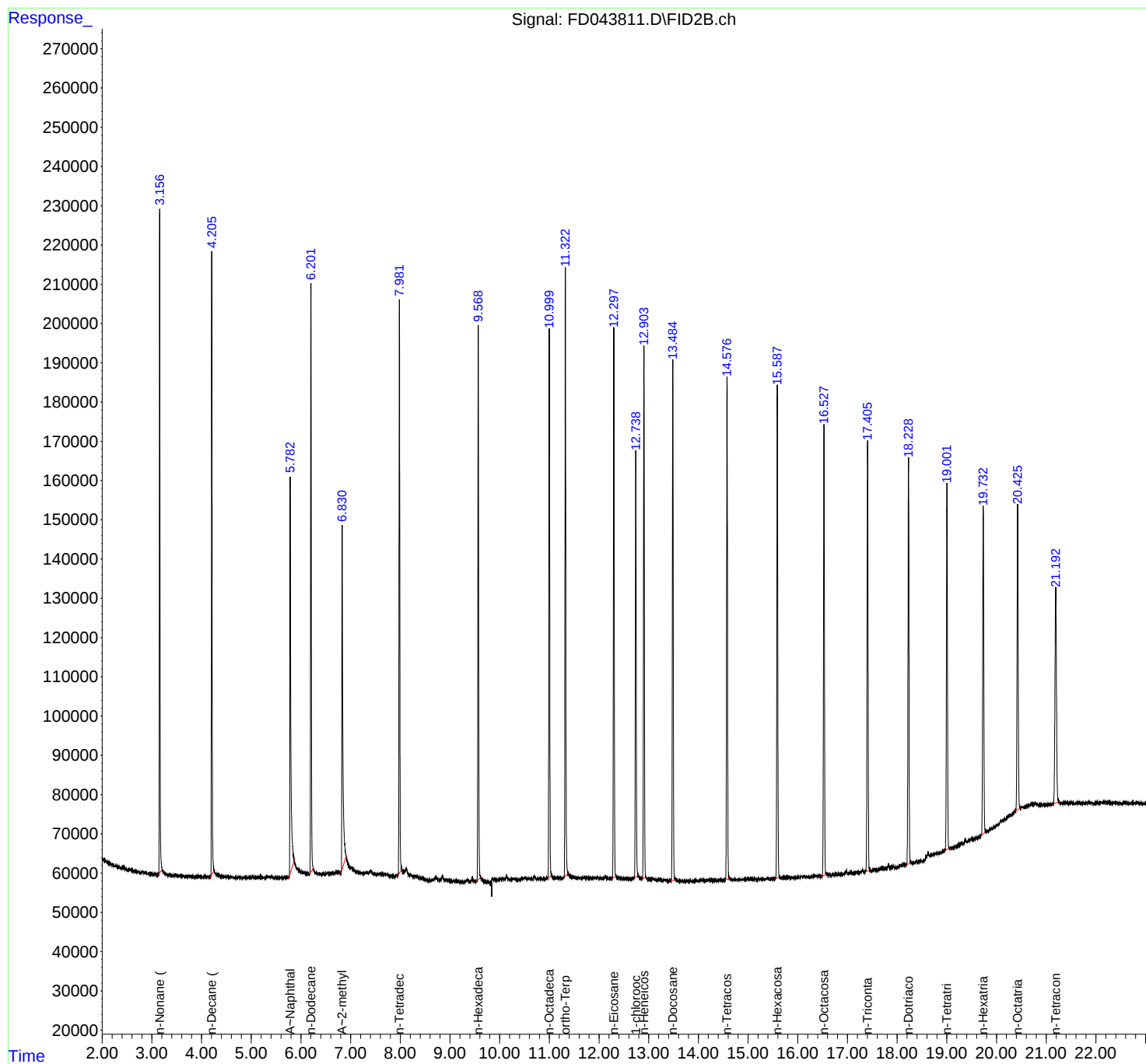
(m)=manual int.

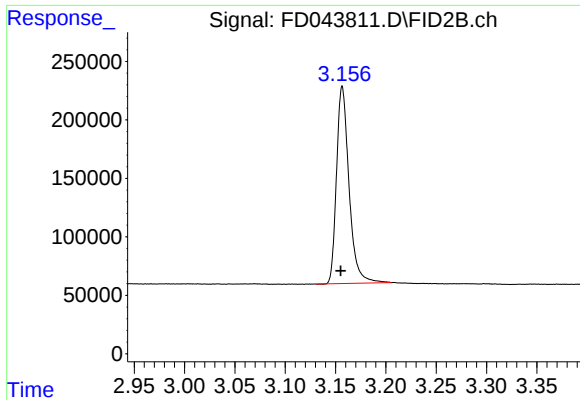
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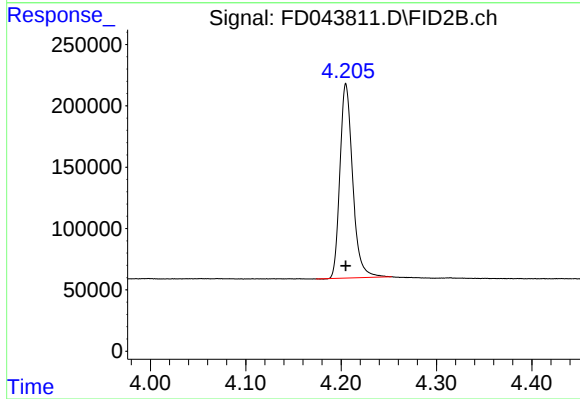




#1 n-Nonane (C9)

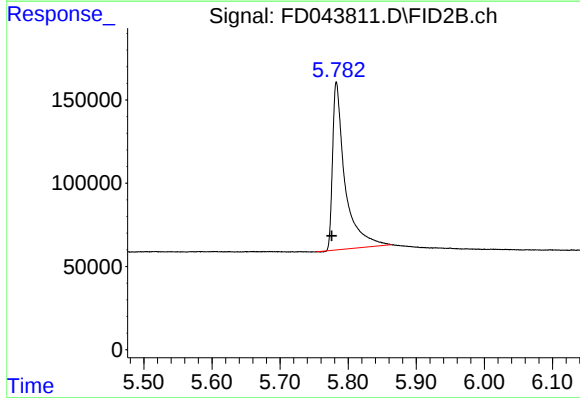
R.T.: 3.157 min
Delta R.T.: 0.002 min
Response: 1459548
Conc: 9.97 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



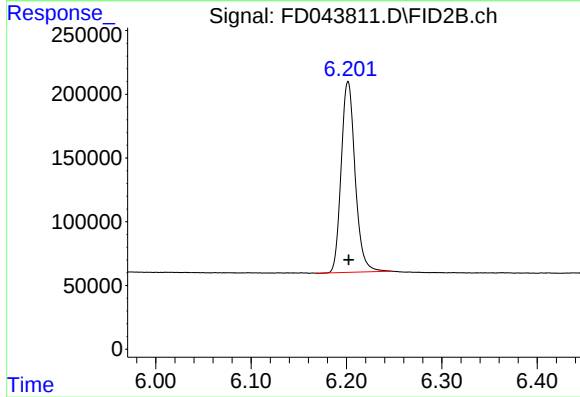
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 1463833
Conc: 9.88 ug/ml



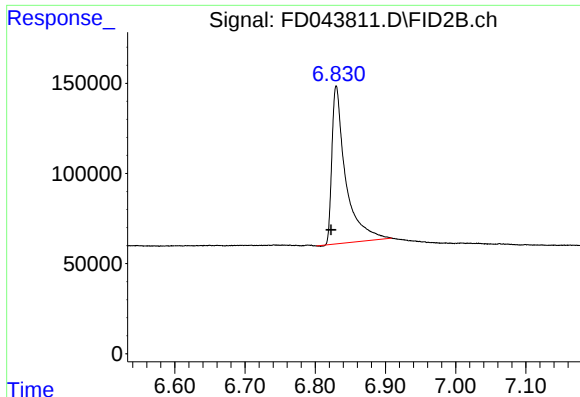
#3 A~Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 1275584
Conc: 8.36 ug/ml



#4 n-Dodecane (C12)

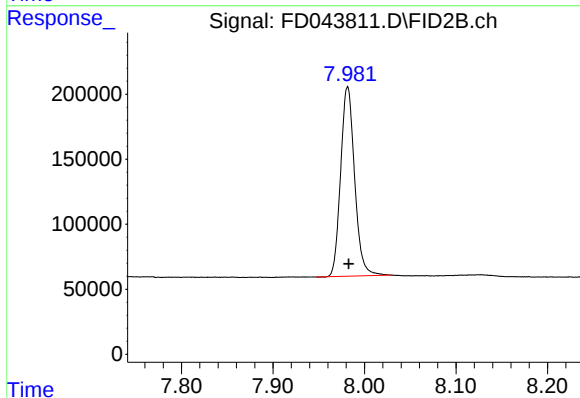
R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1518212
Conc: 10.02 ug/ml



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

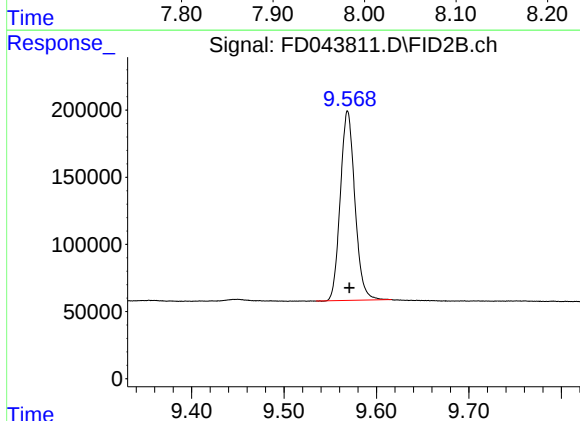
R.T.: 6.830 min
Delta R.T.: 0.008 min
Response: 1191644
Conc: 7.96 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



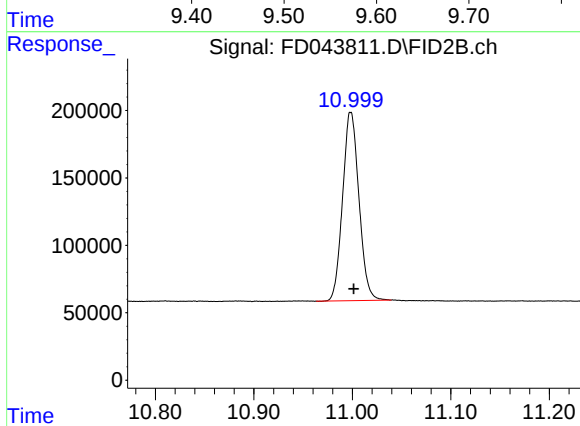
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 1545682
Conc: 10.15 ug/ml



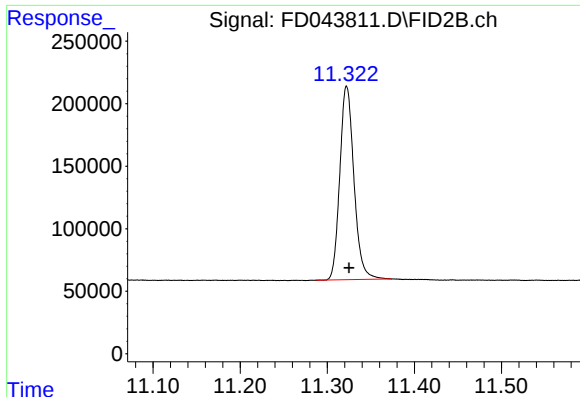
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: -0.002 min
Response: 1547066
Conc: 9.99 ug/ml



#8 n-Octadecane (C18)

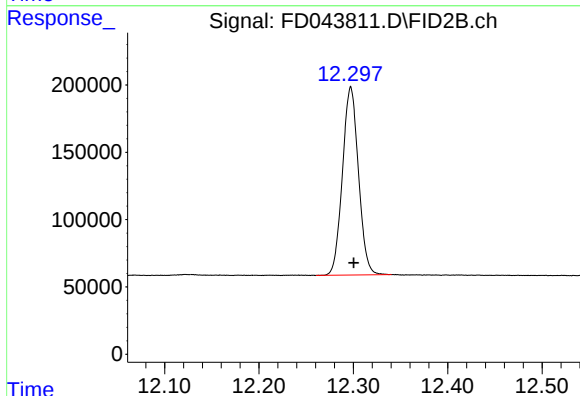
R.T.: 10.998 min
Delta R.T.: -0.003 min
Response: 1611575
Conc: 10.19 ug/ml



#9 ortho-Terphenyl (SURR)

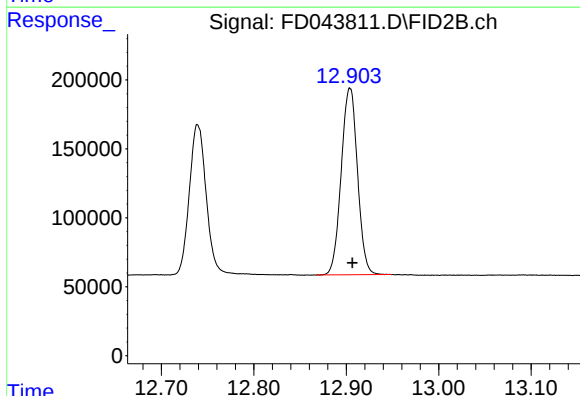
R.T.: 11.322 min
Delta R.T.: -0.003 min
Response: 1745944
Conc: 10.17 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



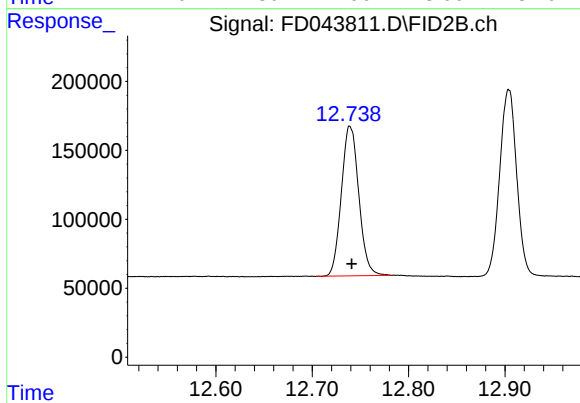
#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: -0.003 min
Response: 1645233
Conc: 10.34 ug/ml



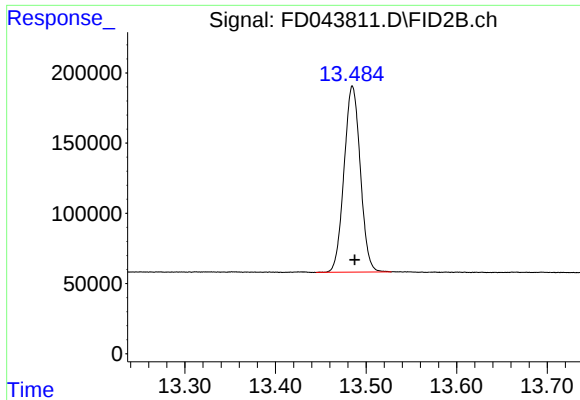
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: -0.002 min
Response: 1658543
Conc: 10.38 ug/ml



#12 1-chlorooctadecane (SURR)

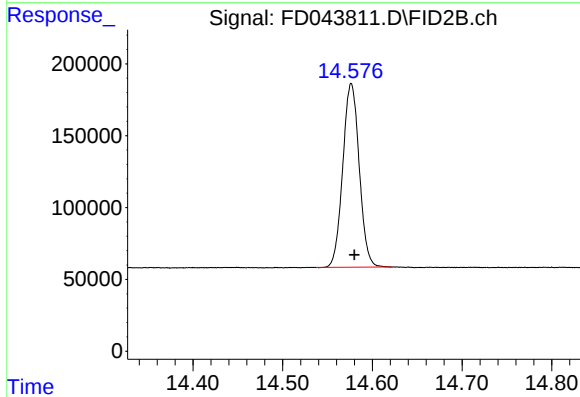
R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 1360289
Conc: 10.13 ug/ml



#13 n-Docosane (C22)

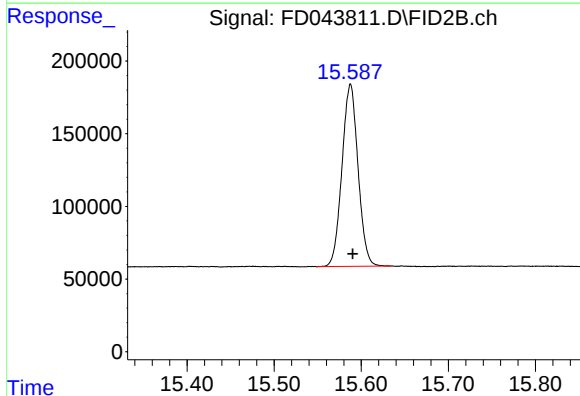
R.T.: 13.485 min
Delta R.T.: -0.002 min
Response: 1653170
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



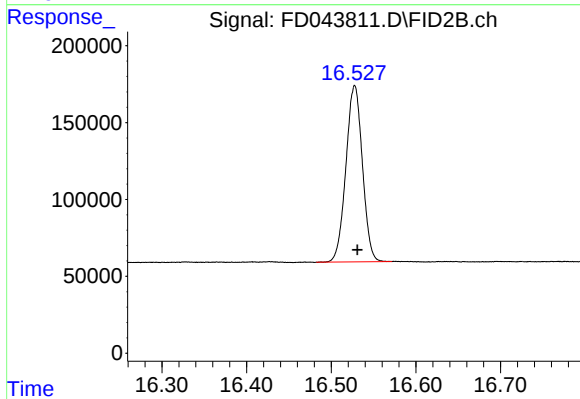
#14 n-Tetracosane (C24)

R.T.: 14.576 min
Delta R.T.: -0.004 min
Response: 1630378
Conc: 10.42 ug/ml



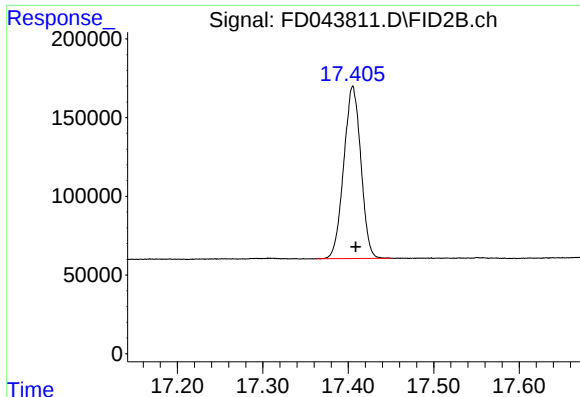
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: -0.003 min
Response: 1603745
Conc: 10.45 ug/ml



#16 n-Octacosane (C28)

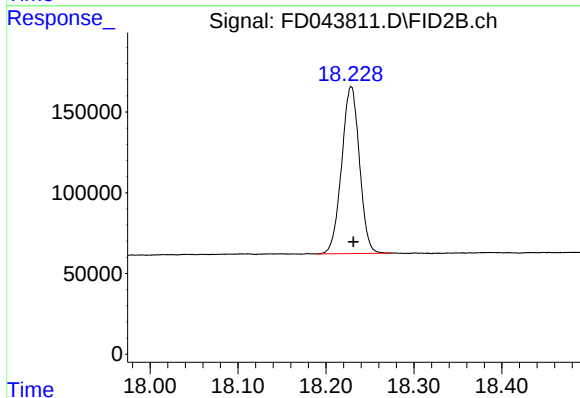
R.T.: 16.528 min
Delta R.T.: -0.003 min
Response: 1551161
Conc: 10.41 ug/ml



#17 n-Tricontane (C30)

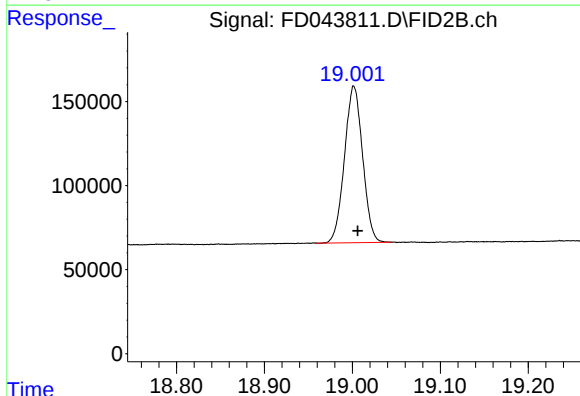
R.T.: 17.405 min
Delta R.T.: -0.003 min
Response: 1520967
Conc: 10.38 ug/ml

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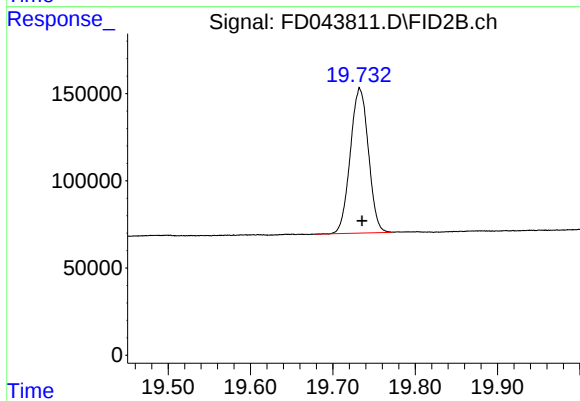
#18 n-Dotriacontane (C32)

R.T.: 18.229 min
Delta R.T.: -0.002 min
Response: 1454309
Conc: 10.35 ug/ml



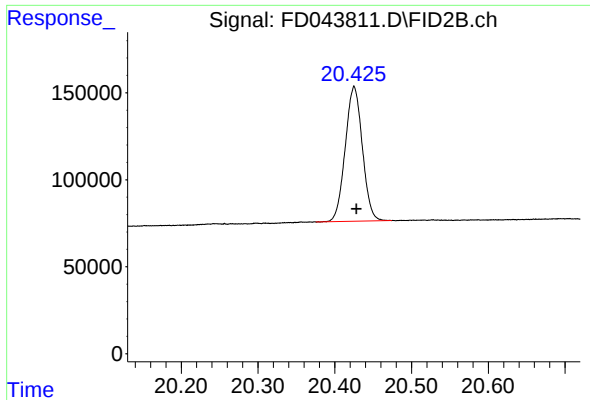
#19 n-Tetratriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.004 min
Response: 1333931
Conc: 10.37 ug/ml



#20 n-Hexatriacontane (C36)

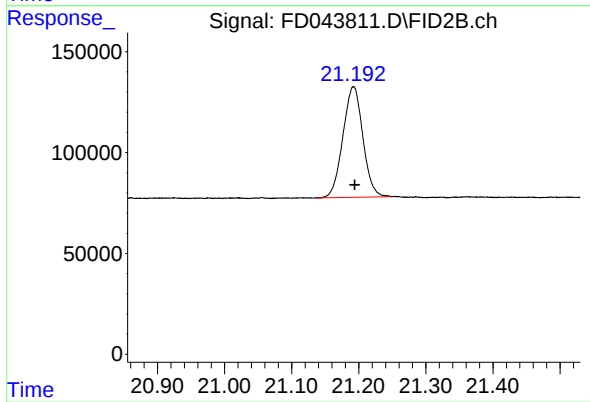
R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 1269701
Conc: 10.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 1199607
Conc: 10.34 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.192 min
Delta R.T.: -0.002 min
Response: 1133630
Conc: 10.22 ug/ml