

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048445.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 12:25
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 10 13:50:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 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)	11.268	9349129	48.127 ug/ml
Spiked Amount 50.000		Recovery =	96.25%
12) S 1-chlorooctadecane (S...	12.708	7098302	48.185 ug/ml
Spiked Amount 50.000		Recovery =	96.37%
Target Compounds			
1) T n-Nonane (C9)	3.126	8062266	48.969 ug/ml
2) T n-Decane (C10)	4.172	8236328	48.553 ug/ml
3) T A~Naphthalene (C11.7)	5.720	9074648	48.723 ug/ml
4) T n-Dodecane (C12)	6.167	8307703	48.320 ug/ml
5) T A~2-methylnaphthalene...	6.766	8776820	48.520 ug/ml
6) T n-Tetradecane (C14)	7.948	8287432	48.465 ug/ml
7) T n-Hexadecane (C16)	9.538	8535989	48.286 ug/ml
8) T n-Octadecane (C18)	10.971	8597591	48.242 ug/ml
10) T n-Eicosane (C20)	12.272	8258299	48.359 ug/ml
11) T n-Heneicosane (C21)	12.879	8075901	48.164 ug/ml
13) T n-Docosane (C22)	13.462	8068596	48.315 ug/ml
14) T n-Tetracosane (C24)	14.559	8027130	48.478 ug/ml
15) T n-Hexacosane (C26)	15.573	7850979	48.813 ug/ml
16) T n-Octacosane (C28)	16.518	7655294	48.591 ug/ml
17) T n-Tricontane (C30)	17.400	7695828	47.955 ug/ml
18) T n-Dotriacontane (C32)	18.228	7323977	47.347 ug/ml
19) T n-Tetratriacontane (C34)	19.006	6418459	47.543 ug/ml
20) T n-Hexatriacontane (C36)	19.742	5473534	47.583 ug/ml
21) T n-Octatriacontane (C38)	20.436	5312795	48.202 ug/ml
22) T n-Tetracontane (C40)	21.219	5142679	48.653 ug/ml

(f)=RT Delta > 1/2 Window

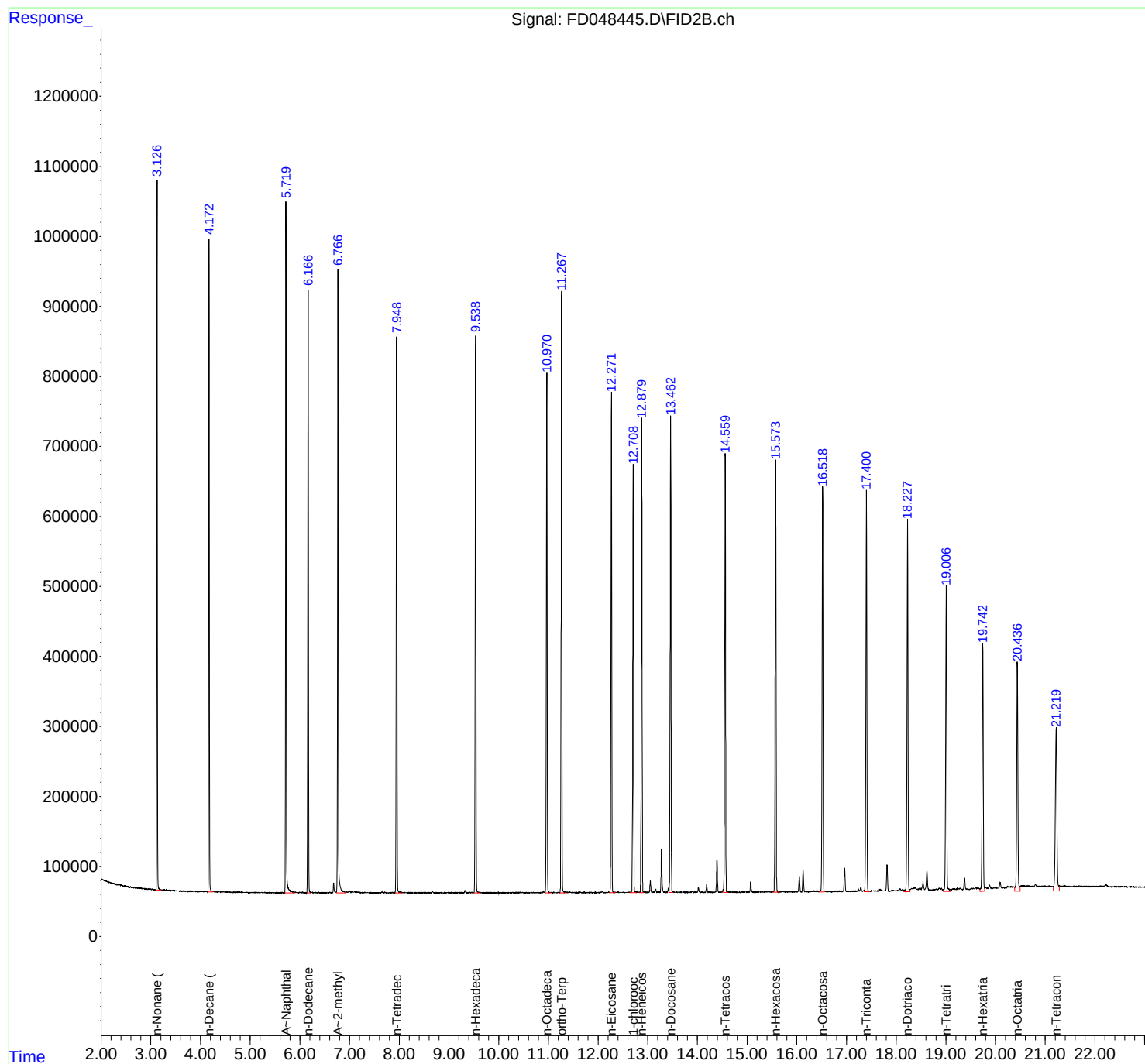
(m)=manual int.

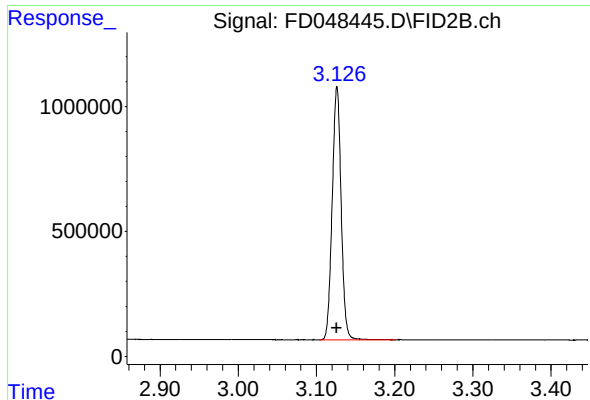
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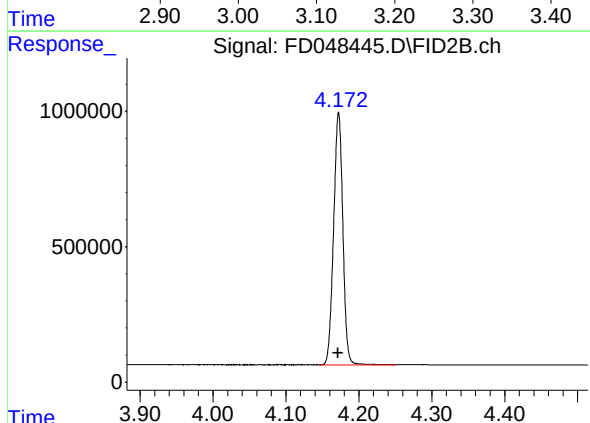




#1 n-Nonane (C9)

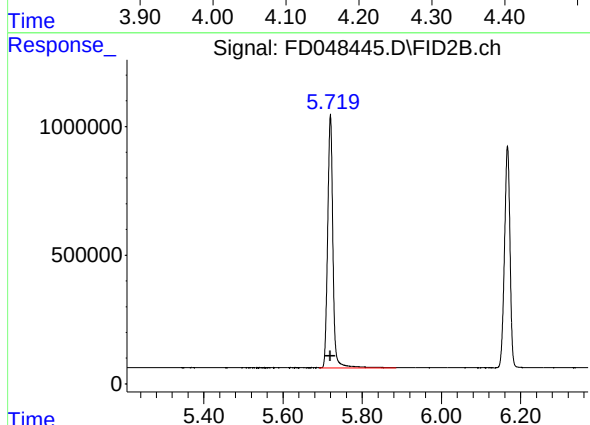
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 8062266
Conc: 48.97 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



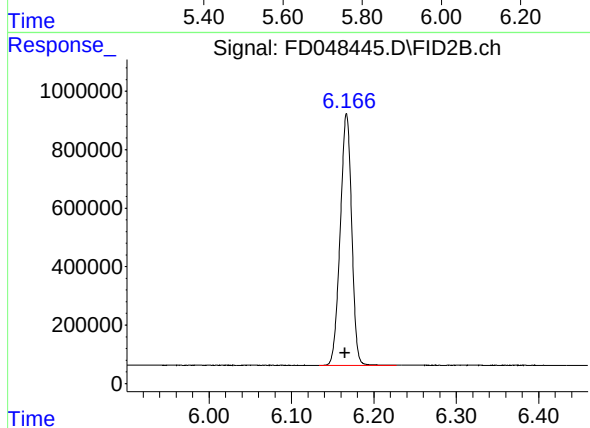
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 8236328
Conc: 48.55 ug/ml



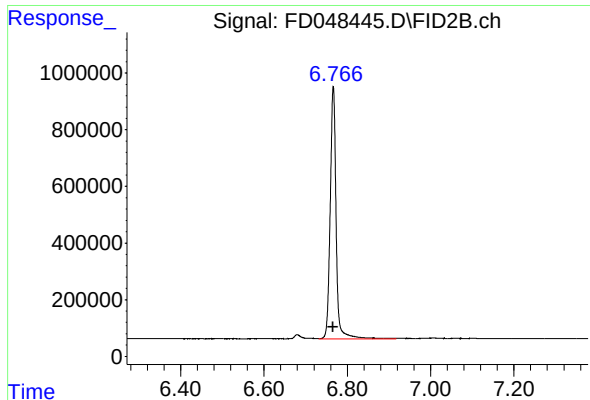
#3 A~Naphthalene (C11.7)

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 9074648
Conc: 48.72 ug/ml



#4 n-Dodecane (C12)

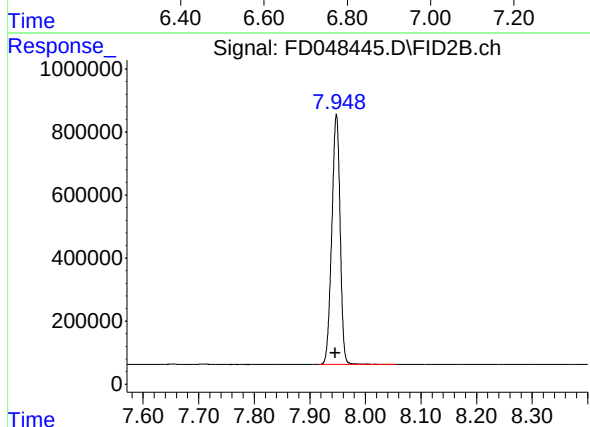
R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 8307703
Conc: 48.32 ug/ml



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

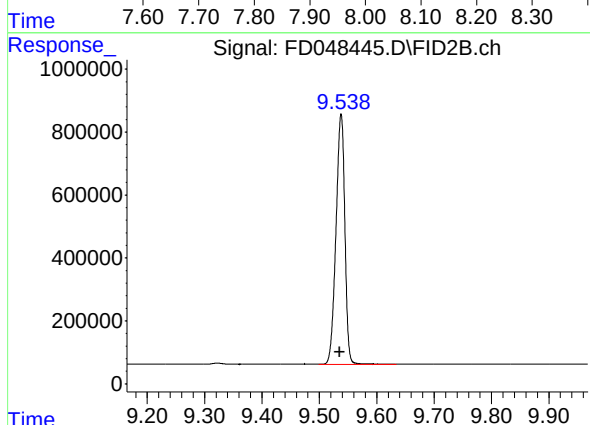
R.T.: 6.766 min
Delta R.T.: 0.001 min
Response: 8776820
Conc: 48.52 ug/ml

Instrument :
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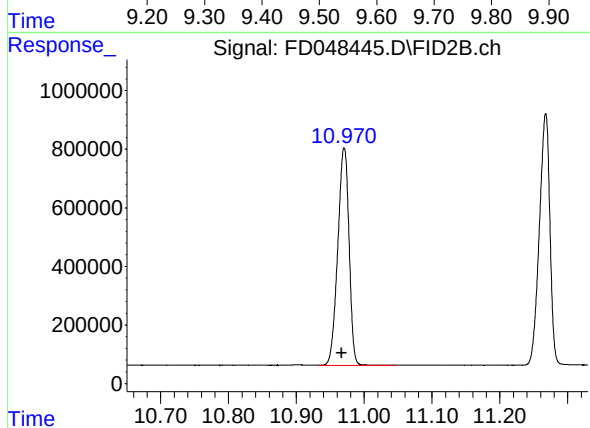
#6 n-Tetradecane (C14)

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 8287432
Conc: 48.46 ug/ml



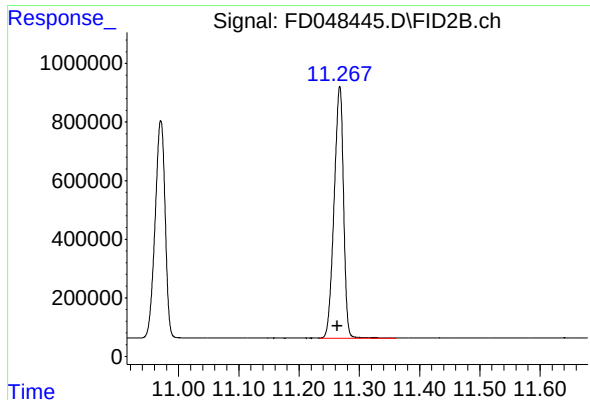
#7 n-Hexadecane (C16)

R.T.: 9.538 min
Delta R.T.: 0.003 min
Response: 8535989
Conc: 48.29 ug/ml



#8 n-Octadecane (C18)

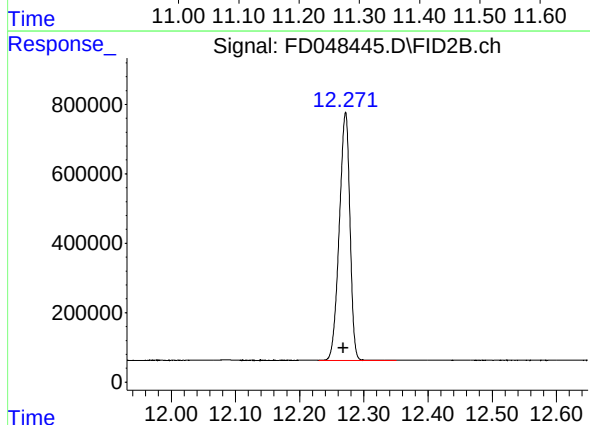
R.T.: 10.971 min
Delta R.T.: 0.004 min
Response: 8597591
Conc: 48.24 ug/ml



#9 ortho-Terphenyl (SURR)

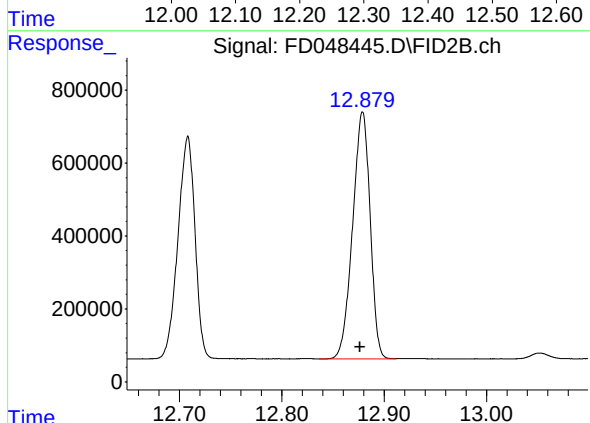
R.T.: 11.268 min
Delta R.T.: 0.004 min
Response: 9349129
Conc: 48.13 ug/ml

Instrument :
FID_D
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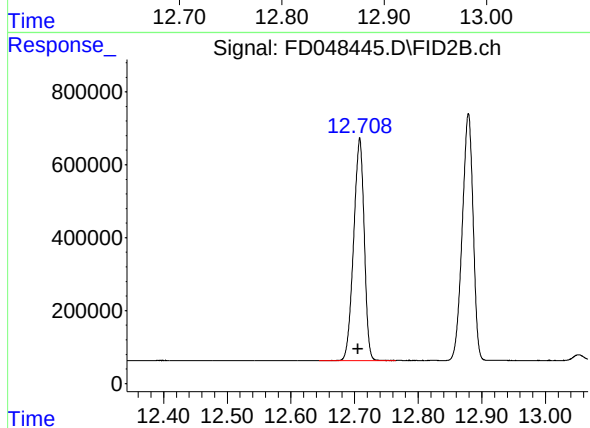
#10 n-Eicosane (C20)

R.T.: 12.272 min
Delta R.T.: 0.003 min
Response: 8258299
Conc: 48.36 ug/ml



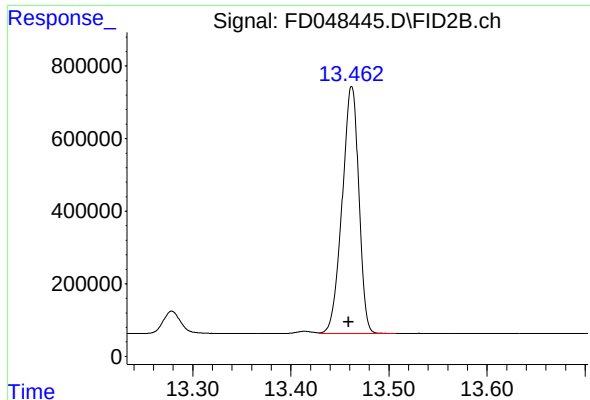
#11 n-Heneicosane (C21)

R.T.: 12.879 min
Delta R.T.: 0.003 min
Response: 8075901
Conc: 48.16 ug/ml



#12 1-chlorooctadecane (SURR)

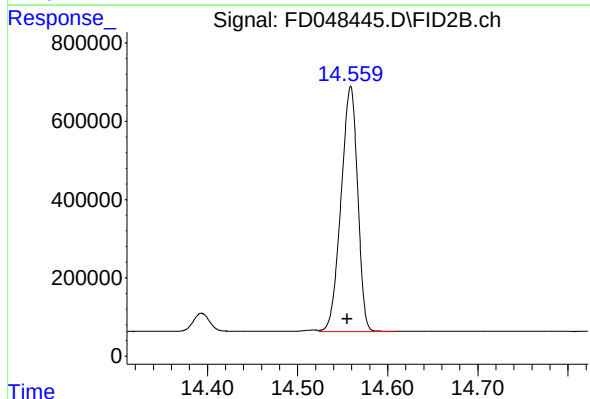
R.T.: 12.708 min
Delta R.T.: 0.003 min
Response: 7098302
Conc: 48.19 ug/ml



#13 n-Docosane (C22)

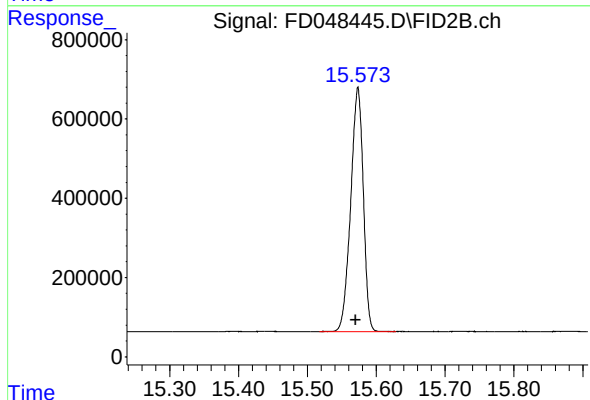
R.T.: 13.462 min
Delta R.T.: 0.003 min
Response: 8068596
Conc: 48.32 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



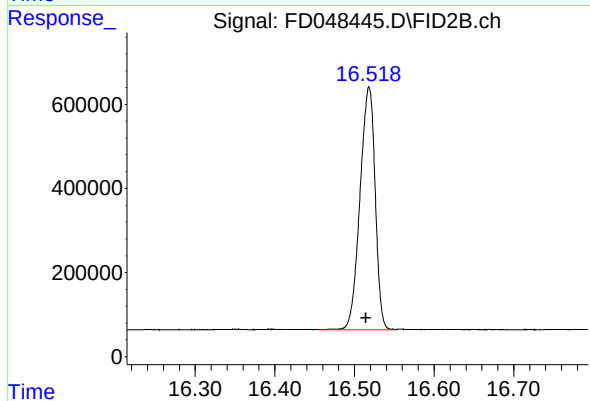
#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: 0.004 min
Response: 8027130
Conc: 48.48 ug/ml



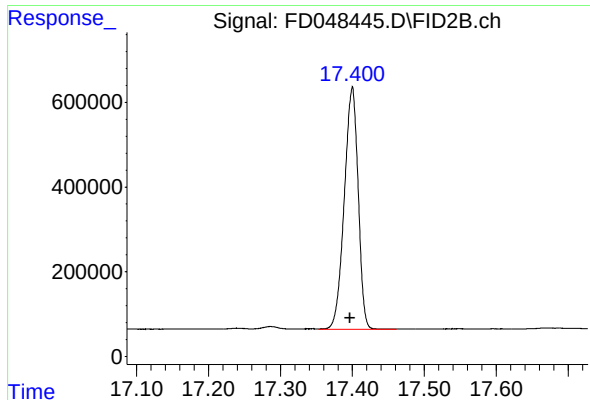
#15 n-Hexacosane (C26)

R.T.: 15.573 min
Delta R.T.: 0.003 min
Response: 7850979
Conc: 48.81 ug/ml



#16 n-Octacosane (C28)

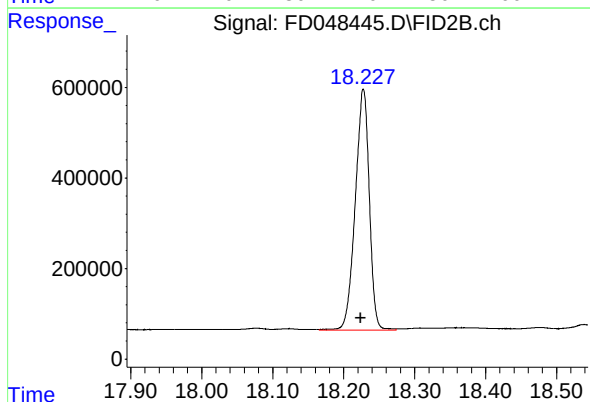
R.T.: 16.518 min
Delta R.T.: 0.004 min
Response: 7655294
Conc: 48.59 ug/ml



#17 n-Tricontane (C30)

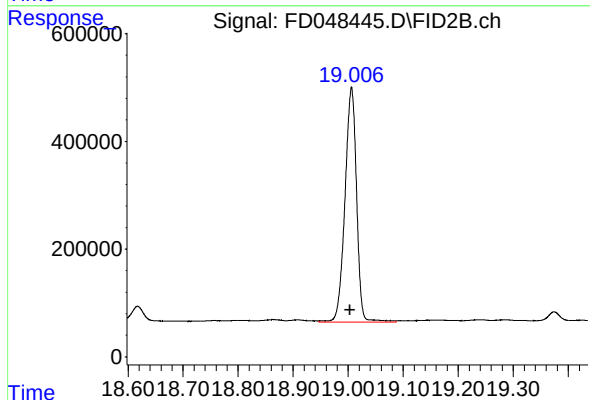
R.T.: 17.400 min
Delta R.T.: 0.003 min
Response: 7695828
Conc: 47.95 ug/ml

Instrument :
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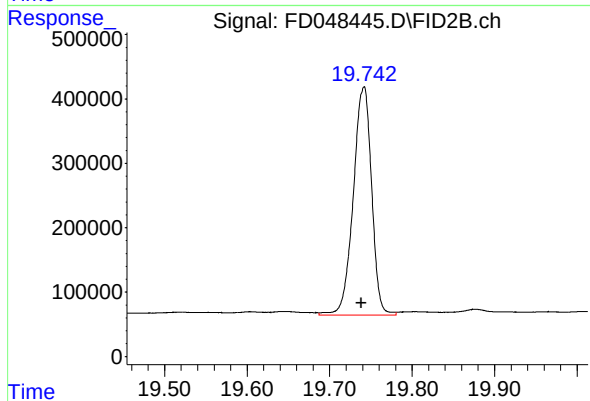
#18 n-Dotriacontane (C32)

R.T.: 18.228 min
Delta R.T.: 0.004 min
Response: 7323977
Conc: 47.35 ug/ml



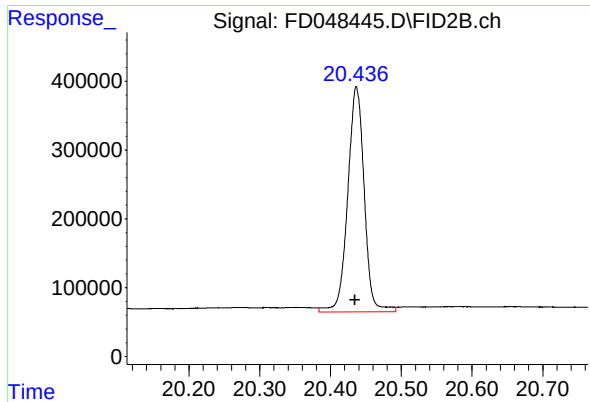
#19 n-Tetratriacontane (C34)

R.T.: 19.006 min
Delta R.T.: 0.003 min
Response: 6418459
Conc: 47.54 ug/ml



#20 n-Hexatriacontane (C36)

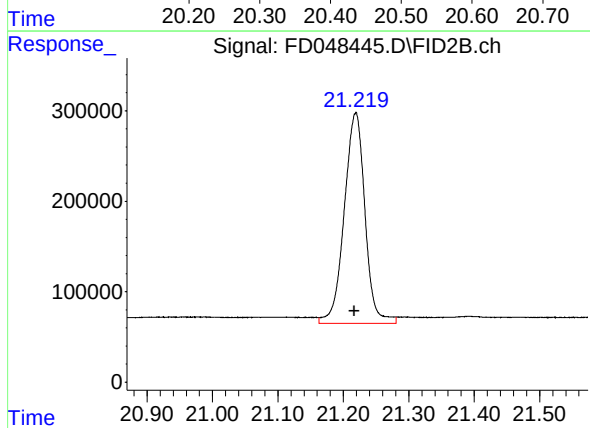
R.T.: 19.742 min
Delta R.T.: 0.003 min
Response: 5473534
Conc: 47.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.436 min
Delta R.T.: 0.002 min
Response: 5312795
Conc: 48.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.219 min
Delta R.T.: 0.002 min
Response: 5142679
Conc: 48.65 ug/ml