

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048132.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 09:36
 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: Aug 02 14:03:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 13:59:26 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)	11.297	9468229	47.490 ug/ml
Spiked Amount 50.000		Recovery =	94.98%
12) S 1-chlorooctadecane (S...	12.736	7244600	47.491 ug/ml
Spiked Amount 50.000		Recovery =	94.98%
Target Compounds			
1) T n-Nonane (C9)	3.145	8477795	47.378 ug/ml
2) T n-Decane (C10)	4.194	8689820	47.163 ug/ml
3) T A~Naphthalene (C11.7)	5.744	9534851	47.394 ug/ml
4) T n-Dodecane (C12)	6.190	8790778	47.306 ug/ml
5) T A~2-methylnaphthalene...	6.792	9205645	47.503 ug/ml
6) T n-Tetradecane (C14)	7.974	8712759	47.372 ug/ml
7) T n-Hexadecane (C16)	9.564	8968012	47.417 ug/ml
8) T n-Octadecane (C18)	10.999	9042525	47.438 ug/ml
10) T n-Eicosane (C20)	12.299	8659729	47.428 ug/ml
11) T n-Heneicosane (C21)	12.908	8493614	47.462 ug/ml
13) T n-Docosane (C22)	13.490	8409949	47.308 ug/ml
14) T n-Tetracosane (C24)	14.588	8255623	46.962 ug/ml
15) T n-Hexacosane (C26)	15.603	7962906	46.792 ug/ml
16) T n-Octacosane (C28)	16.547	7657291	46.609 ug/ml
17) T n-Tricontane (C30)	17.430	7588681	46.309 ug/ml
18) T n-Dotriacontane (C32)	18.258	7296762	46.397 ug/ml
19) T n-Tetratriacontane (C34)	19.037	6989561	46.743 ug/ml
20) T n-Hexatriacontane (C36)	19.773	6657464	47.072 ug/ml
21) T n-Octatriacontane (C38)	20.472	6504668	47.196 ug/ml
22) T n-Tetracontane (C40)	21.263	6323524	47.348 ug/ml

(f)=RT Delta > 1/2 Window

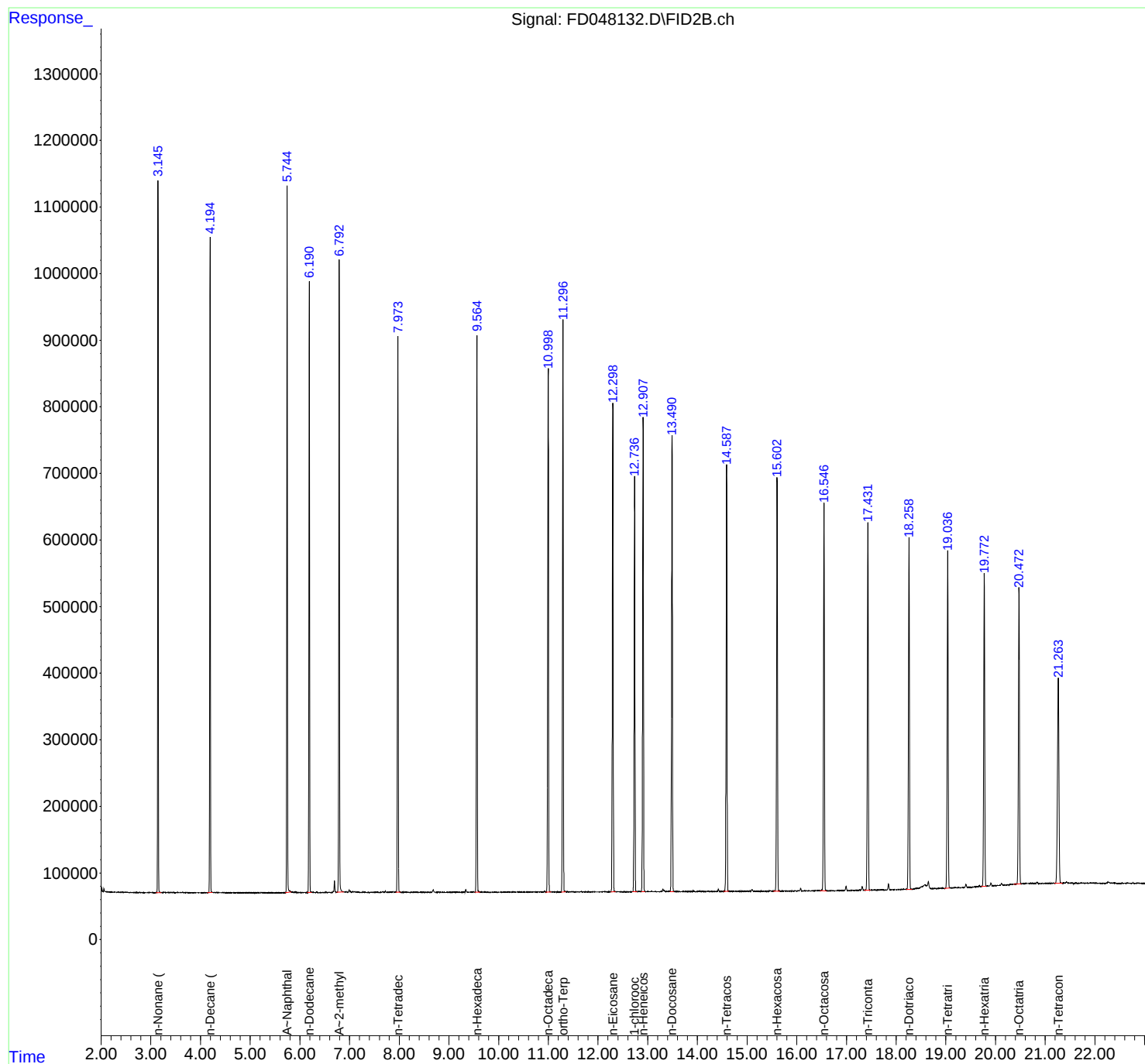
(m)=manual int.

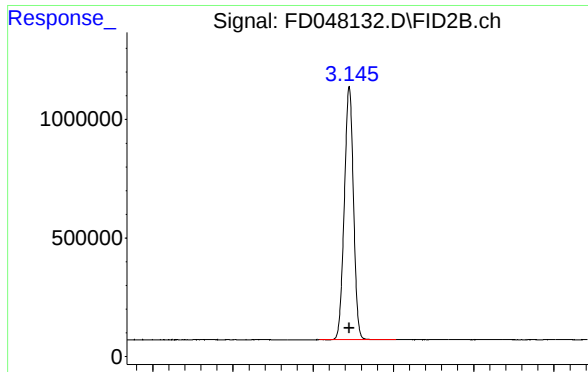
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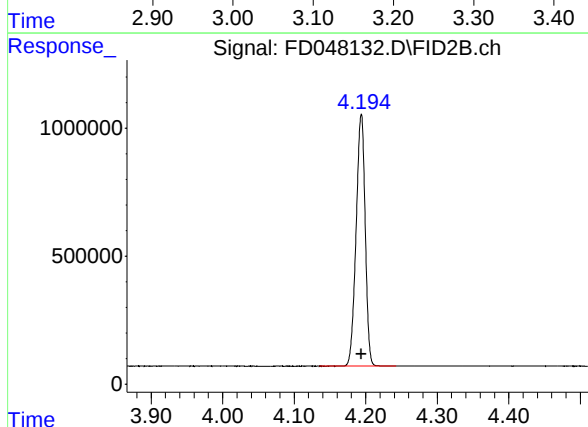




#1 n-Nonane (C9)

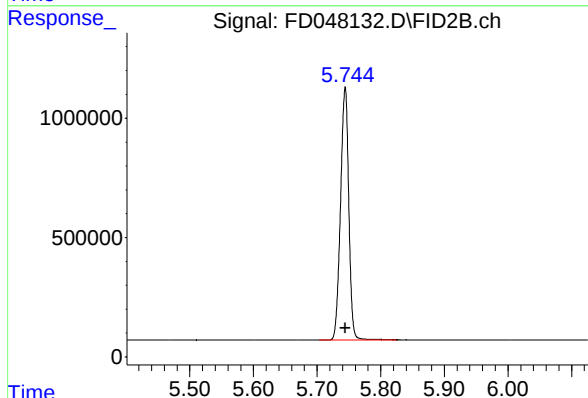
R.T.: 3.145 min
Delta R.T.: 0.000 min
Response: 8477795
Conc: 47.38 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



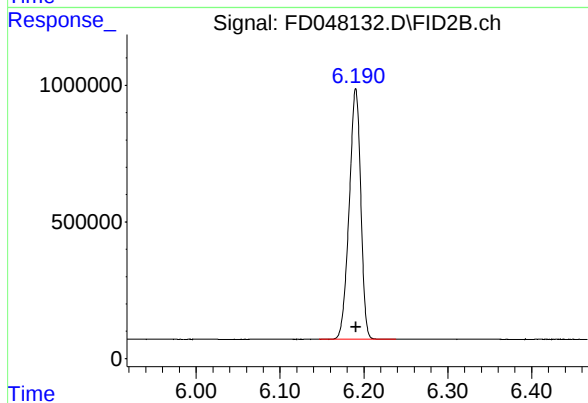
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 8689820
Conc: 47.16 ug/ml



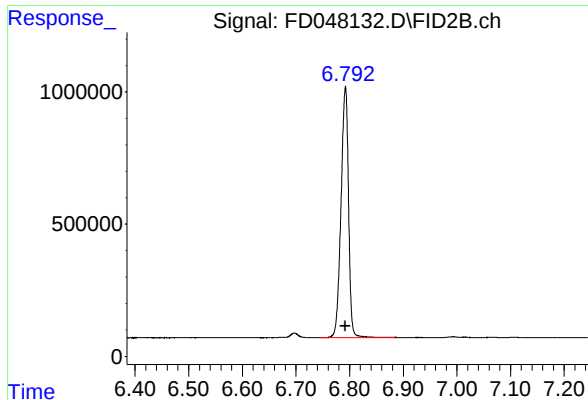
#3 A~Naphthalene (C11.7)

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 9534851
Conc: 47.39 ug/ml



#4 n-Dodecane (C12)

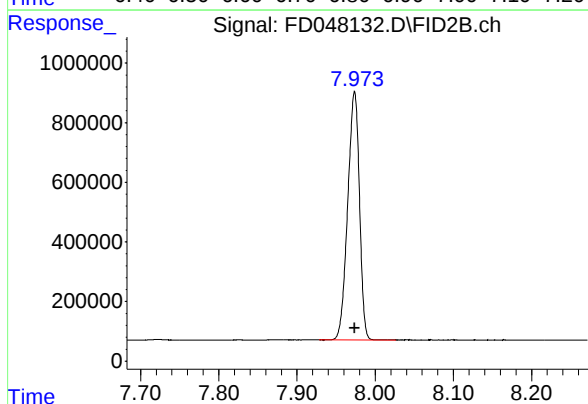
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 8790778
Conc: 47.31 ug/ml



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

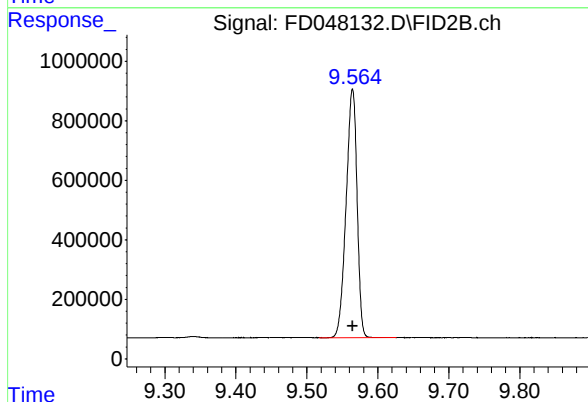
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 9205645
Conc: 47.50 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



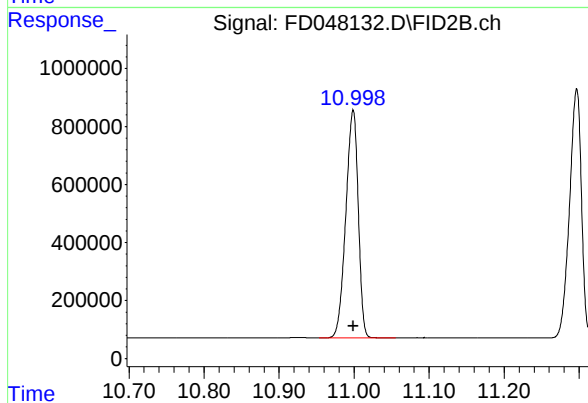
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 8712759
Conc: 47.37 ug/ml



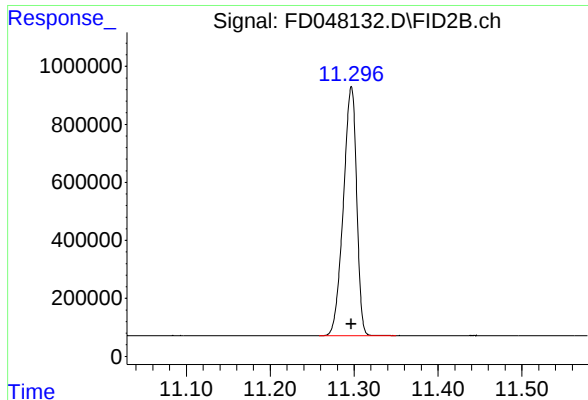
#7 n-Hexadecane (C16)

R.T.: 9.564 min
Delta R.T.: 0.000 min
Response: 8968012
Conc: 47.42 ug/ml



#8 n-Octadecane (C18)

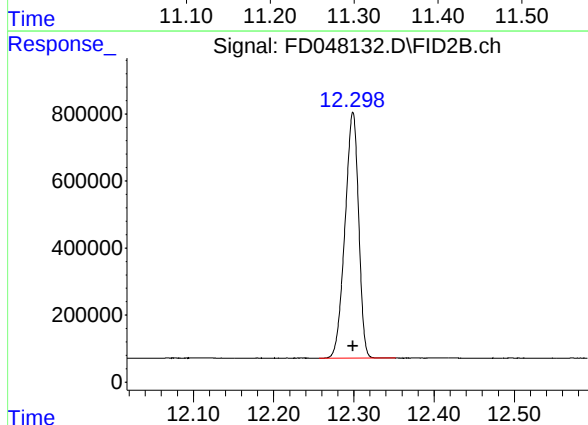
R.T.: 10.999 min
Delta R.T.: 0.000 min
Response: 9042525
Conc: 47.44 ug/ml



#9 ortho-Terphenyl (SURR)

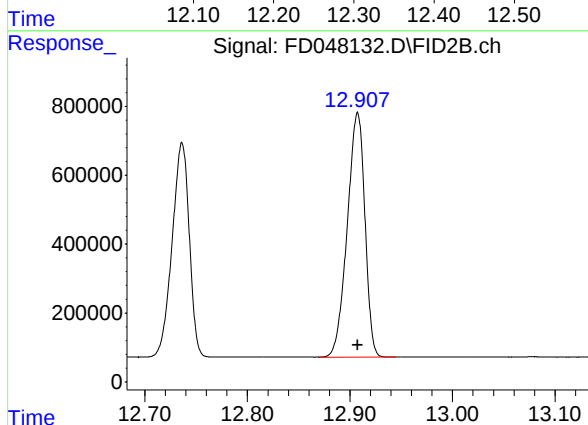
R.T.: 11.297 min
Delta R.T.: 0.000 min
Response: 9468229
Conc: 47.49 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



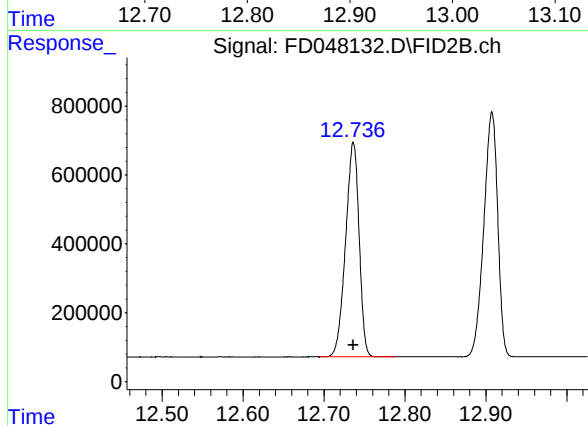
#10 n-Eicosane (C20)

R.T.: 12.299 min
Delta R.T.: 0.000 min
Response: 8659729
Conc: 47.43 ug/ml



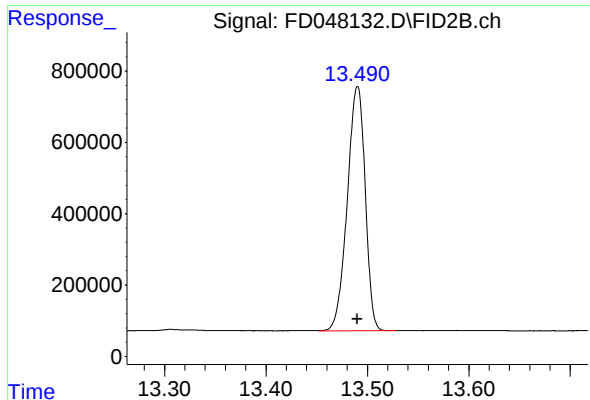
#11 n-Heneicosane (C21)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 8493614
Conc: 47.46 ug/ml



#12 1-chlorooctadecane (SURR)

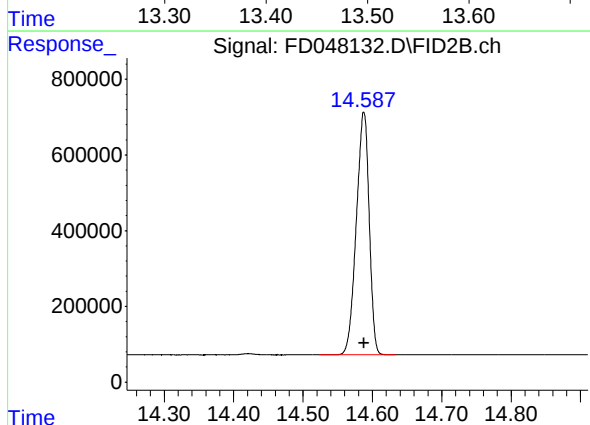
R.T.: 12.736 min
Delta R.T.: 0.000 min
Response: 7244600
Conc: 47.49 ug/ml



#13 n-Docosane (C22)

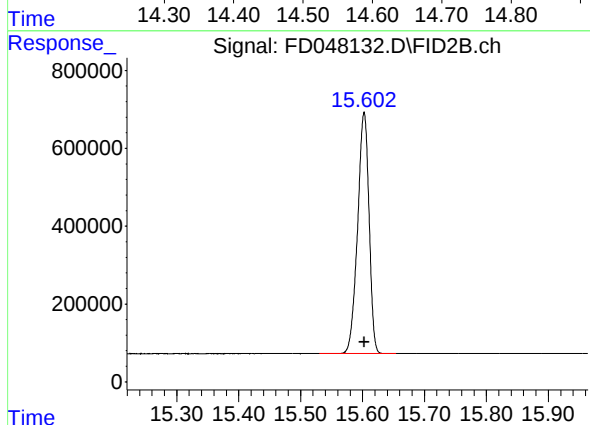
R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 8409949
Conc: 47.31 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



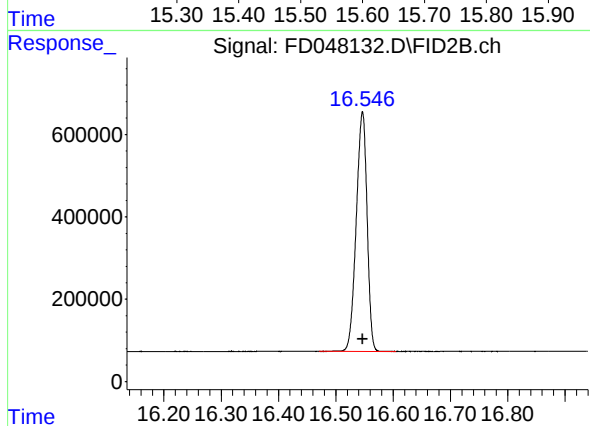
#14 n-Tetracosane (C24)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 8255623
Conc: 46.96 ug/ml



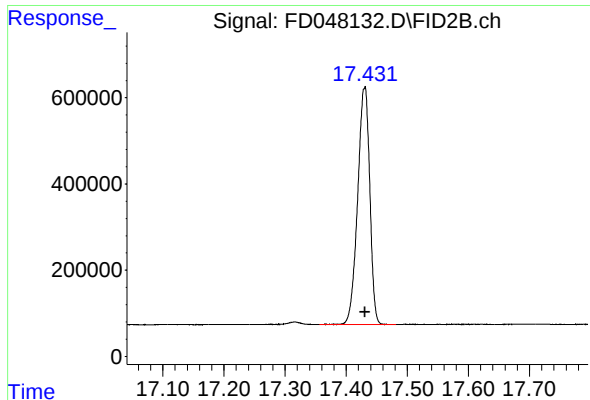
#15 n-Hexacosane (C26)

R.T.: 15.603 min
Delta R.T.: 0.000 min
Response: 7962906
Conc: 46.79 ug/ml



#16 n-Octacosane (C28)

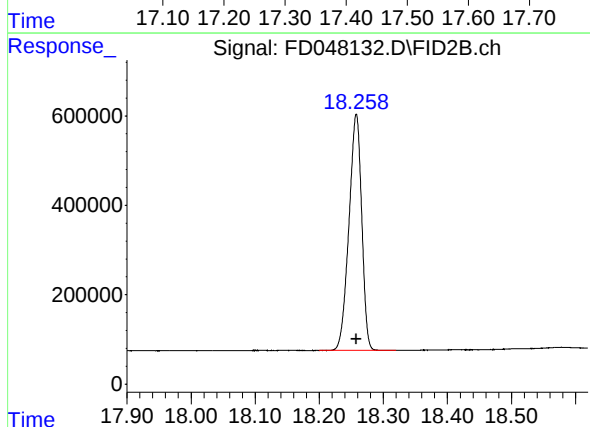
R.T.: 16.547 min
Delta R.T.: 0.000 min
Response: 7657291
Conc: 46.61 ug/ml



#17 n-Tricontane (C30)

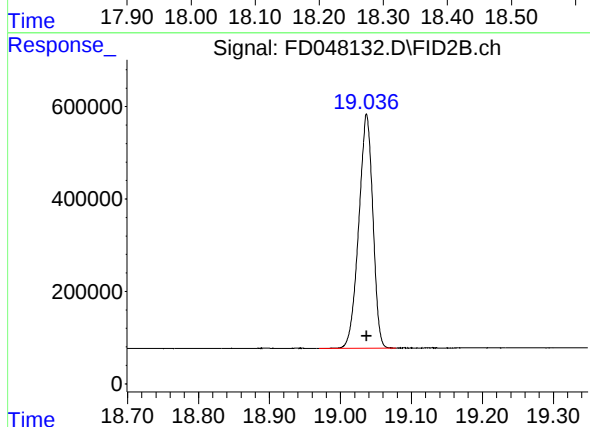
R.T.: 17.430 min
Delta R.T.: 0.000 min
Response: 7588681
Conc: 46.31 ug/ml

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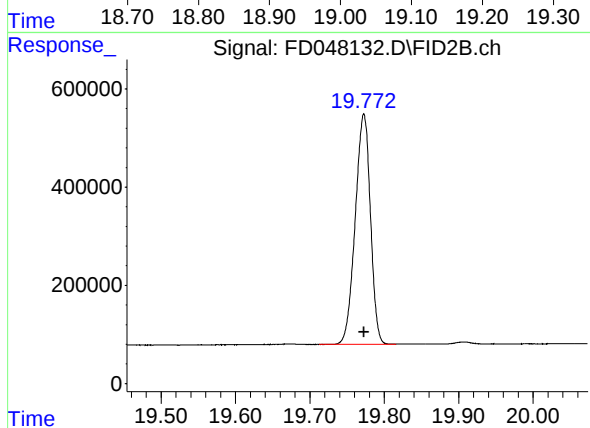
#18 n-Dotriacontane (C32)

R.T.: 18.258 min
Delta R.T.: 0.000 min
Response: 7296762
Conc: 46.40 ug/ml



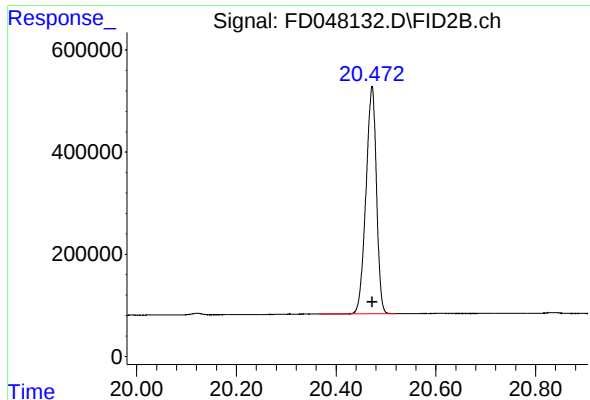
#19 n-Tetratriacontane (C34)

R.T.: 19.037 min
Delta R.T.: 0.000 min
Response: 6989561
Conc: 46.74 ug/ml



#20 n-Hexatriacontane (C36)

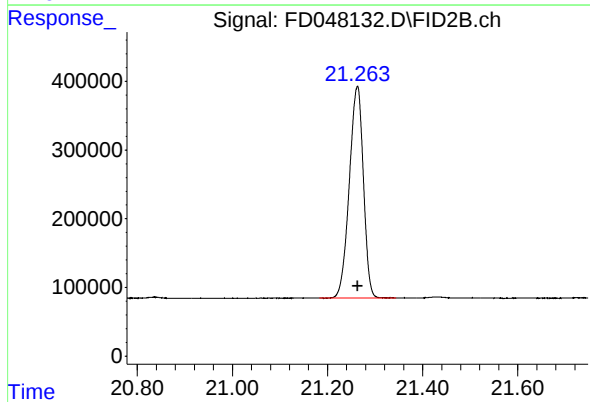
R.T.: 19.773 min
Delta R.T.: 0.000 min
Response: 6657464
Conc: 47.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.472 min
Delta R.T.: 0.000 min
Response: 6504668
Conc: 47.20 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 6323524
Conc: 47.35 ug/ml