

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049223.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 01:09
 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: Apr 03 07:09:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:07:22 2025
 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)	11.666	8134371	45.594 ug/ml
Spiked Amount 50.000		Recovery =	91.19%
12) S 1-chlorooctadecane (S...	13.090	5989447	46.071 ug/ml
Spiked Amount 50.000		Recovery =	92.14%
Target Compounds			
1) T n-Nonane (C9)	3.430	5495644	44.514 ug/ml
2) T n-Decane (C10)	4.501	5576883	44.527 ug/ml
3) T A~Naphthalene (C11.7)	6.090	6492723	44.165 ug/ml
4) T n-Dodecane (C12)	6.517	5655692	44.700 ug/ml
5) T A~2-methylnaphthalene...	7.145	6368596	44.936 ug/ml
6) T n-Tetradecane (C14)	8.308	5866614	44.954 ug/ml
7) T n-Hexadecane (C16)	9.904	6475466	45.271 ug/ml
8) T n-Octadecane (C18)	11.342	6990579	45.064 ug/ml
10) T n-Eicosane (C20)	12.645	7002495	45.274 ug/ml
11) T n-Heneicosane (C21)	13.256	6957180	45.302 ug/ml
13) T n-Docosane (C22)	13.840	6955272	45.362 ug/ml
14) T n-Tetracosane (C24)	14.938	6862802	45.299 ug/ml
15) T n-Hexacosane (C26)	15.954	6572717	45.416 ug/ml
16) T n-Octacosane (C28)	16.899	6186904	45.638 ug/ml
17) T n-Tricontane (C30)	17.782	5903479	45.487 ug/ml
18) T n-Dotriacontane (C32)	18.608	5348949	45.700 ug/ml
19) T n-Tetratriacontane (C34)	19.388	4624378	46.618 ug/ml
20) T n-Hexatriacontane (C36)	20.122	3756193	47.870 ug/ml
21) T n-Octatriacontane (C38)	20.860	3122503	49.699 ug/ml
22) T n-Tetracontane (C40)	21.783	2486293	54.516 ug/ml

(f)=RT Delta > 1/2 Window

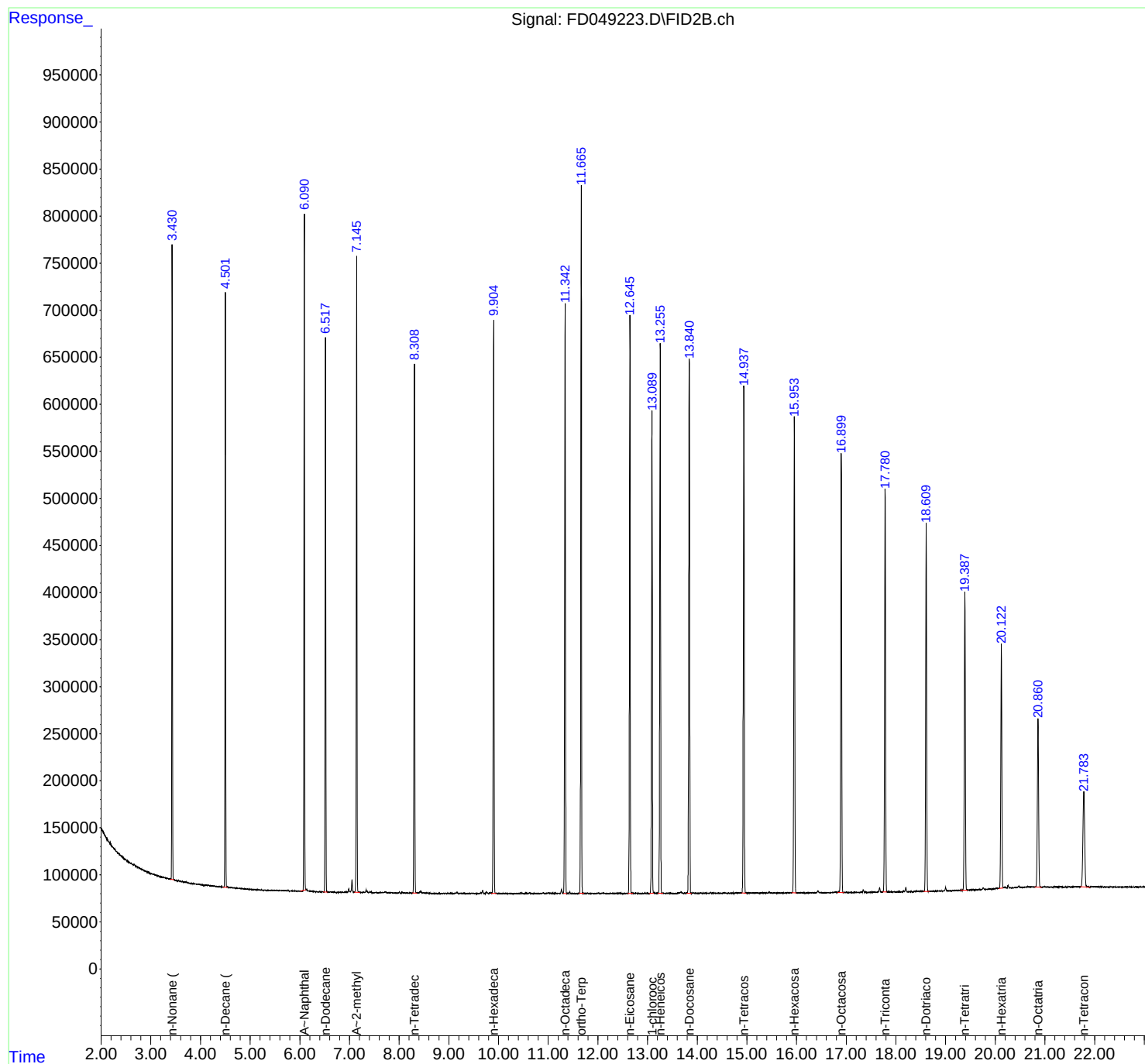
(m)=manual int.

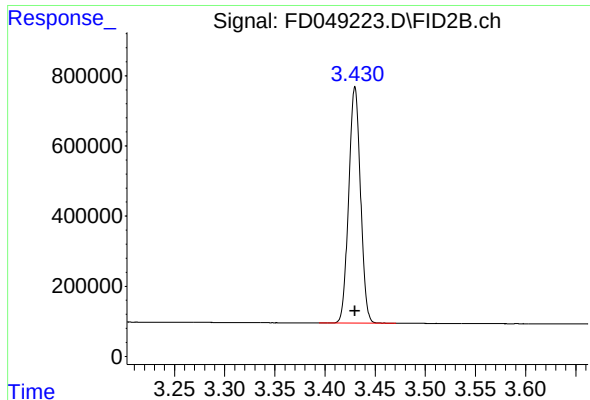
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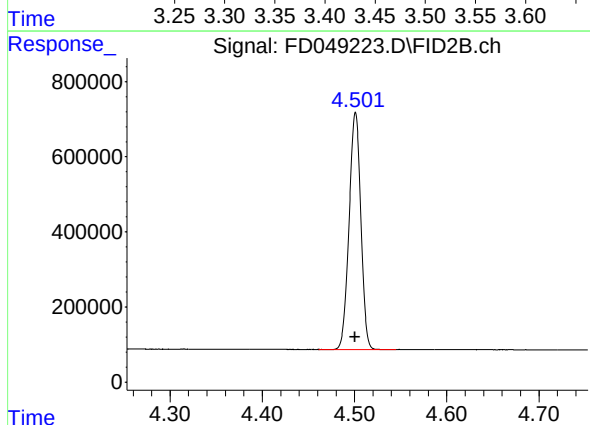




#1 n-Nonane (C9)

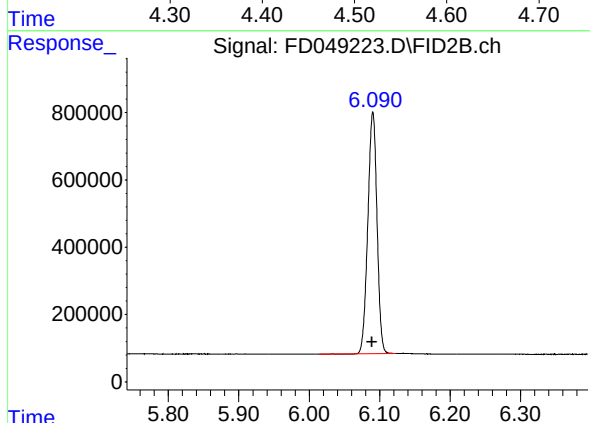
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 5495644
Conc: 44.51 ug/ml

Instrument :
FID_D
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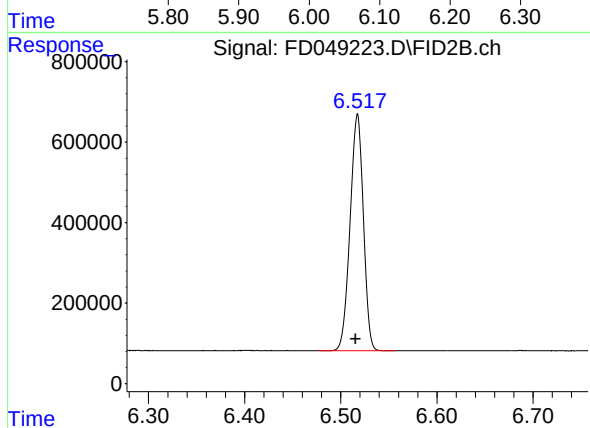
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 5576883
Conc: 44.53 ug/ml



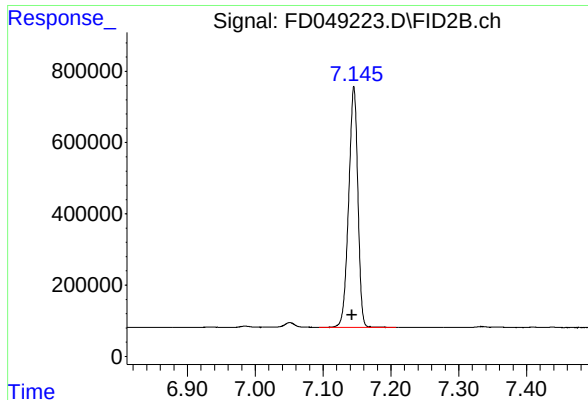
#3 A~Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: 0.002 min
Response: 6492723
Conc: 44.16 ug/ml



#4 n-Dodecane (C12)

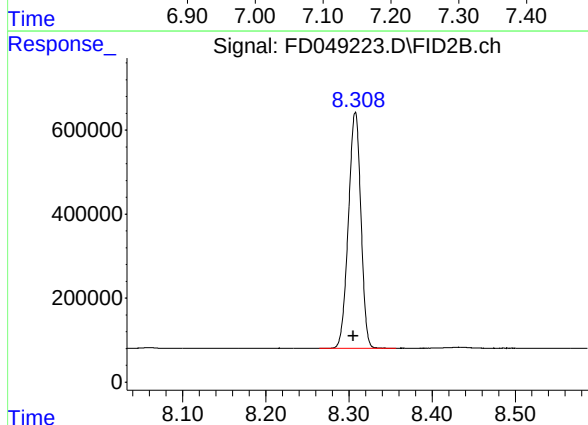
R.T.: 6.517 min
Delta R.T.: 0.002 min
Response: 5655692
Conc: 44.70 ug/ml



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

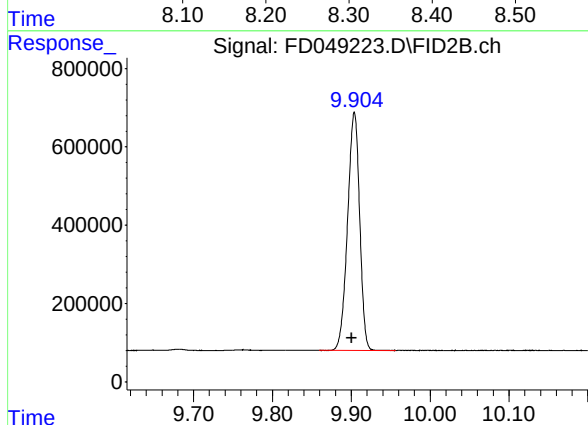
R.T.: 7.145 min
Delta R.T.: 0.003 min
Response: 6368596
Conc: 44.94 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



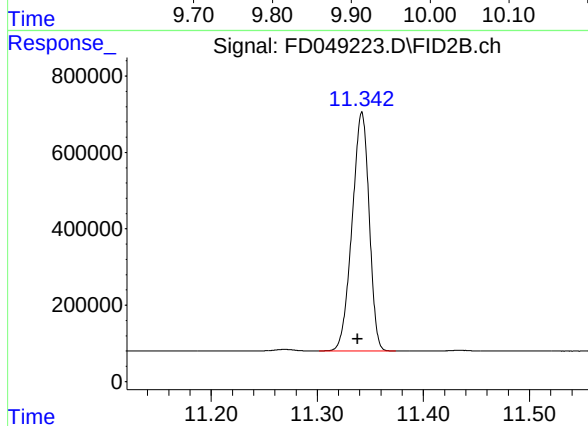
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 5866614
Conc: 44.95 ug/ml



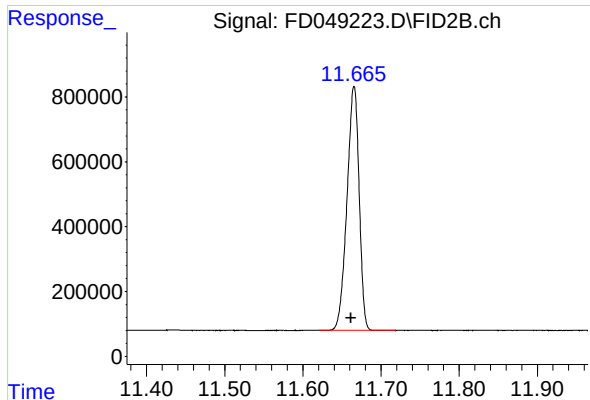
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.004 min
Response: 6475466
Conc: 45.27 ug/ml



#8 n-Octadecane (C18)

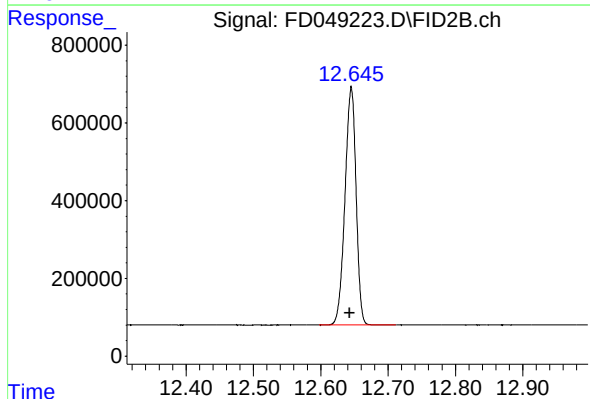
R.T.: 11.342 min
Delta R.T.: 0.004 min
Response: 6990579
Conc: 45.06 ug/ml



#9 ortho-Terphenyl (SURR)

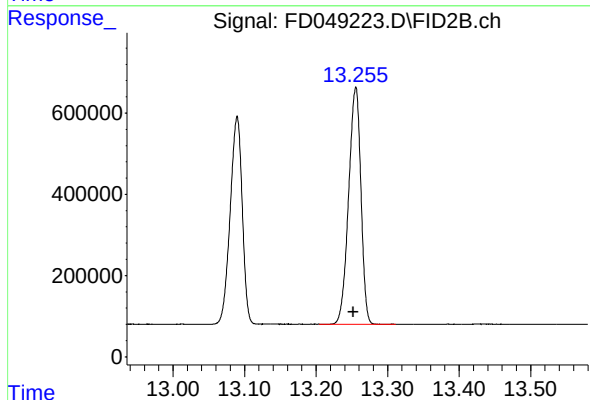
R.T.: 11.666 min
Delta R.T.: 0.004 min
Response: 8134371
Conc: 45.59 ug/ml

Instrument :
FID_D
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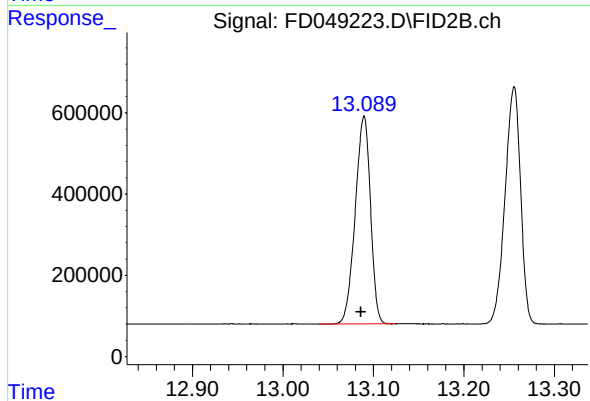
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: 0.003 min
Response: 7002495
Conc: 45.27 ug/ml



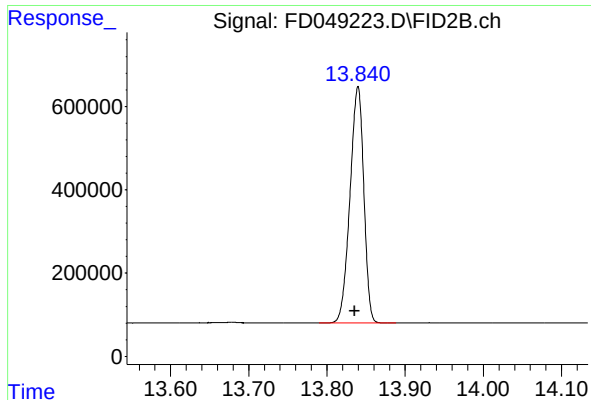
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: 0.003 min
Response: 6957180
Conc: 45.30 ug/ml



#12 1-chlorooctadecane (SURR)

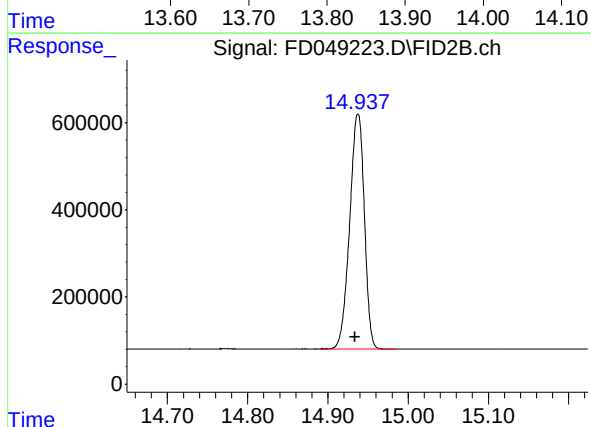
R.T.: 13.090 min
Delta R.T.: 0.003 min
Response: 5989447
Conc: 46.07 ug/ml



#13 n-Docosane (C22)

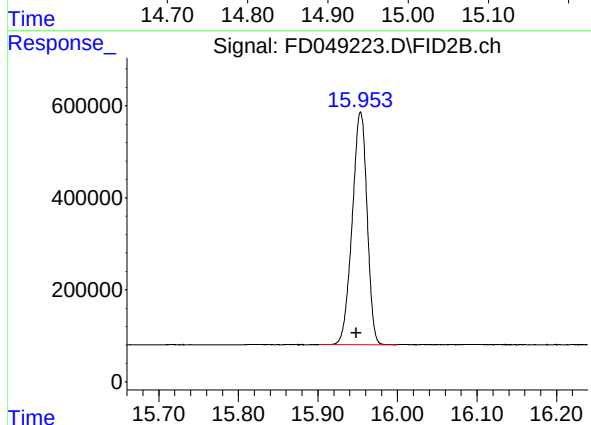
R.T.: 13.840 min
Delta R.T.: 0.004 min
Response: 6955272
Conc: 45.36 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



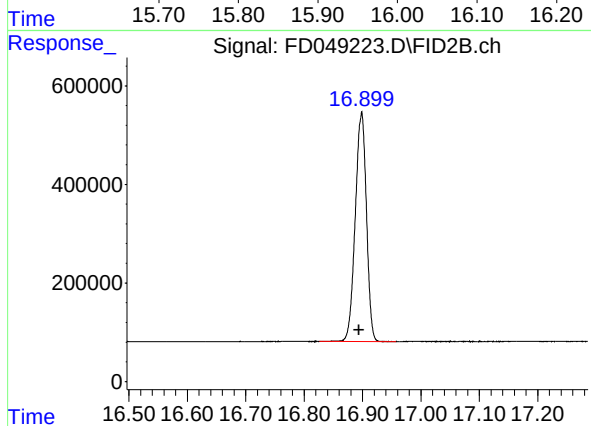
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: 0.004 min
Response: 6862802
Conc: 45.30 ug/ml



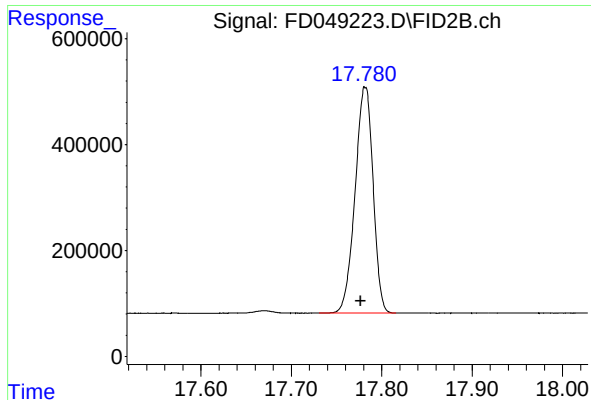
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.006 min
Response: 6572717
Conc: 45.42 ug/ml



#16 n-Octacosane (C28)

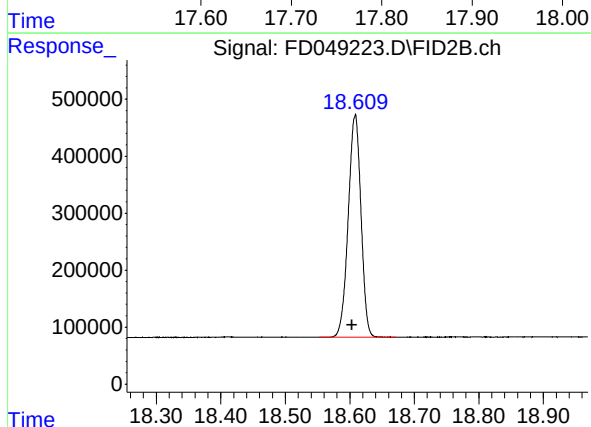
R.T.: 16.899 min
Delta R.T.: 0.004 min
Response: 6186904
Conc: 45.64 ug/ml



#17 n-Tricontane (C30)

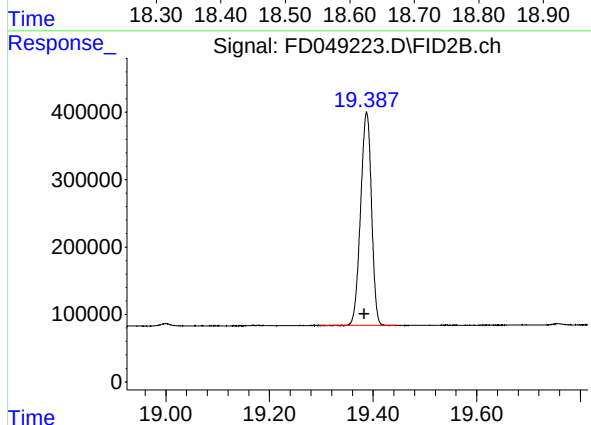
R.T.: 17.782 min
Delta R.T.: 0.005 min
Response: 5903479
Conc: 45.49 ug/ml

Instrument :
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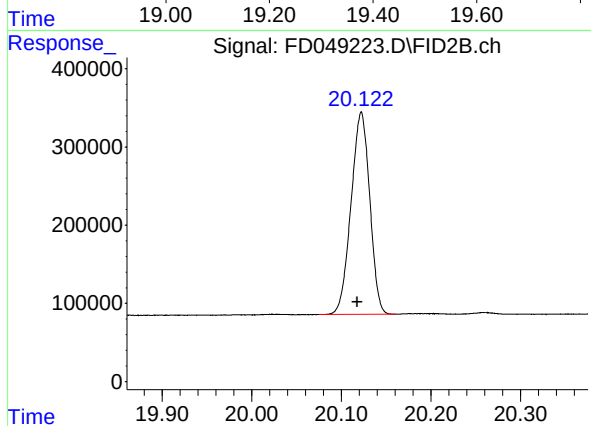
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: 0.005 min
Response: 5348949
Conc: 45.70 ug/ml



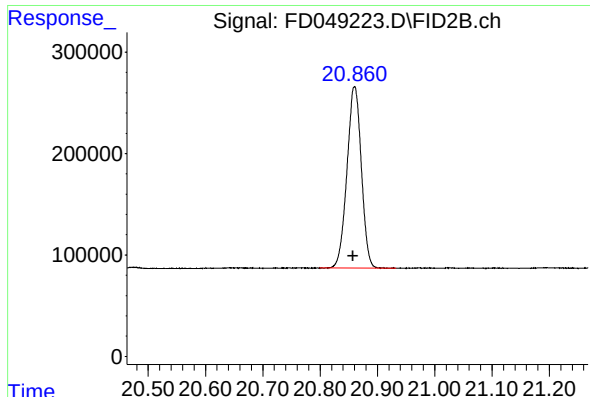
#19 n-Tetatriacontane (C34)

R.T.: 19.388 min
Delta R.T.: 0.005 min
Response: 4624378
Conc: 46.62 ug/ml



#20 n-Hexatriacontane (C36)

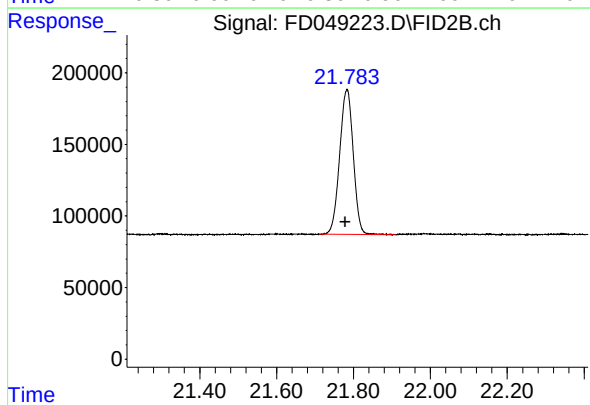
R.T.: 20.122 min
Delta R.T.: 0.004 min
Response: 3756193
Conc: 47.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.860 min
Delta R.T.: 0.003 min
Response: 3122503
Conc: 49.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.783 min
Delta R.T.: 0.004 min
Response: 2486293
Conc: 54.52 ug/ml