

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
 Data File : FE055033.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 20:50
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 26 03:48:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:46:03 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)	12.091	6854540	47.867 ug/ml
Spiked Amount 50.000		Recovery =	95.73%
12) S 1-chlorooctadecane (S...	13.526	5195314	47.960 ug/ml
Spiked Amount 50.000		Recovery =	95.92%
Target Compounds			
1) T n-Nonane (C9)	3.425	5635286	48.166 ug/ml
2) T n-Decane (C10)	4.684	5756408	48.151 ug/ml
3) T A~Naphthalene (C11.7)	6.404	6583746	47.687 ug/ml
4) T n-Dodecane (C12)	6.861	5900804	48.122 ug/ml
5) T A~2-methylnaphthalene...	7.506	6468472	48.288 ug/ml
6) T n-Tetradecane (C14)	8.698	6011750	47.632 ug/ml
7) T n-Hexadecane (C16)	10.314	6232682	47.896 ug/ml
8) T n-Octadecane (C18)	11.764	6284959	47.804 ug/ml
10) T n-Eicosane (C20)	13.077	5994295	47.736 ug/ml
11) T n-Heneicosane (C21)	13.692	5875821	47.836 ug/ml
13) T n-Docosane (C22)	14.281	5824764	47.795 ug/ml
14) T n-Tetracosane (C24)	15.387	5778436	47.739 ug/ml
15) T n-Hexacosane (C26)	16.411	5693885	47.708 ug/ml
16) T n-Octacosane (C28)	17.363	5640986	47.361 ug/ml
17) T n-Tricontane (C30)	18.254	5834090	46.609 ug/ml
18) T n-Dotriacontane (C32)	19.087	5775137	46.266 ug/ml
19) T n-Tetratriacontane (C34)	19.873	5550281	46.738 ug/ml
20) T n-Hexatriacontane (C36)	20.614	5166598	46.581 ug/ml
21) T n-Octatriacontane (C38)	21.397	5024926	47.017 ug/ml
22) T n-Tetracontane (C40)	22.391	5020269	46.808 ug/ml

(f)=RT Delta > 1/2 Window

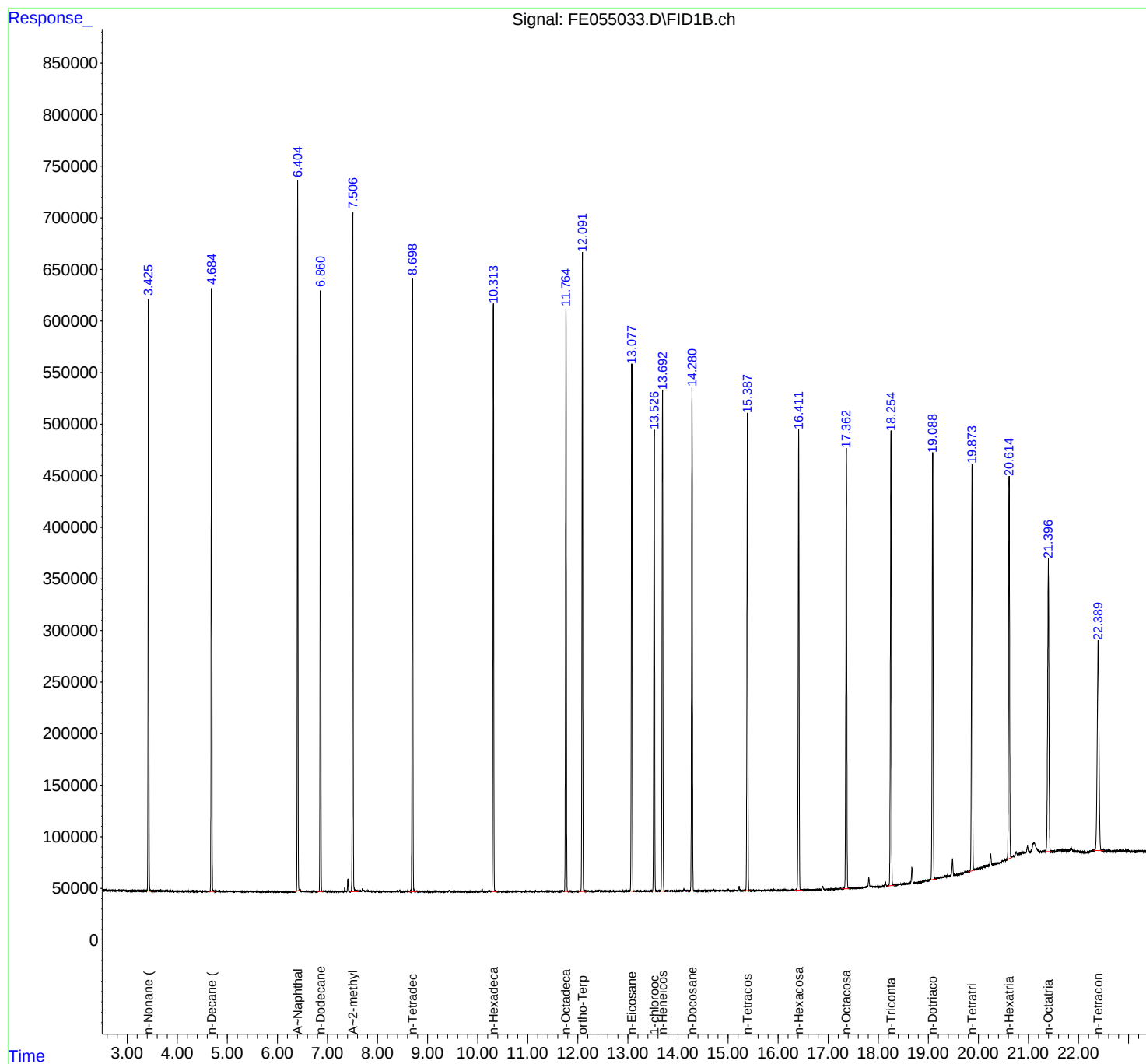
(m)=manual int.

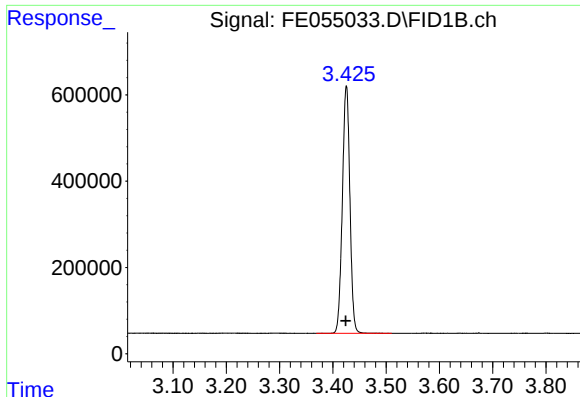
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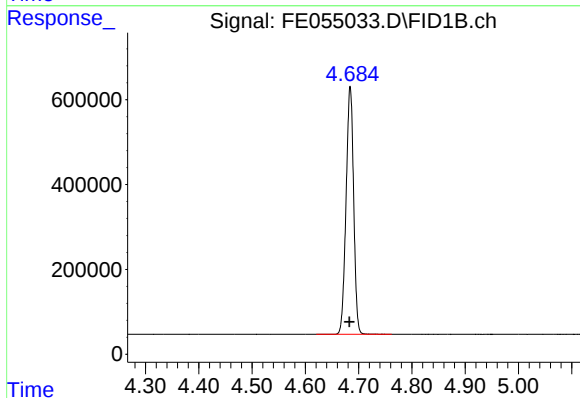




#1 n-Nonane (C9)

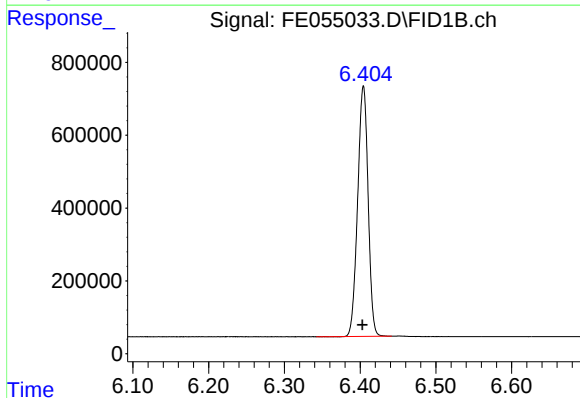
R.T.: 3.425 min
Delta R.T.: 0.001 min
Response: 5635286
Conc: 48.17 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



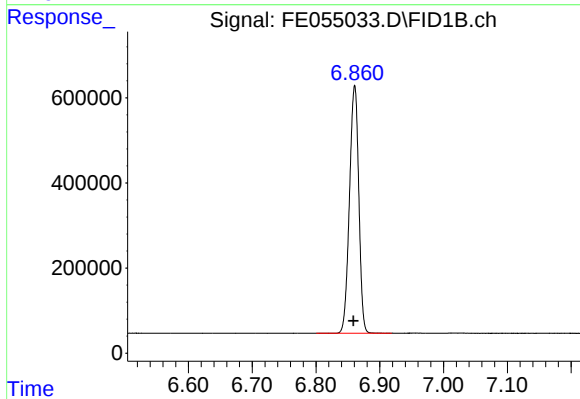
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 5756408
Conc: 48.15 ug/ml



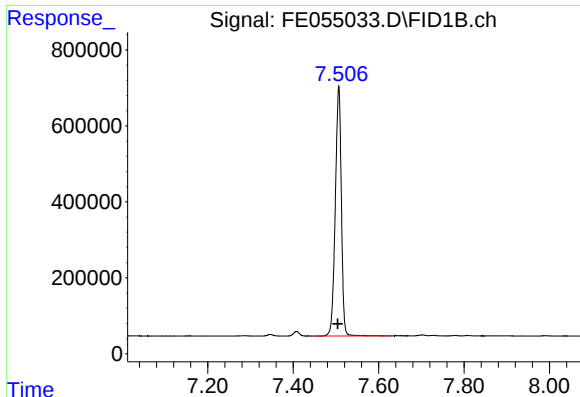
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 6583746
Conc: 47.69 ug/ml



#4 n-Dodecane (C12)

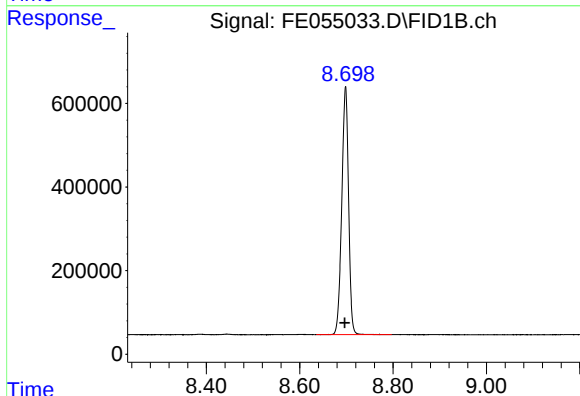
R.T.: 6.861 min
Delta R.T.: 0.002 min
Response: 5900804
Conc: 48.12 ug/ml



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

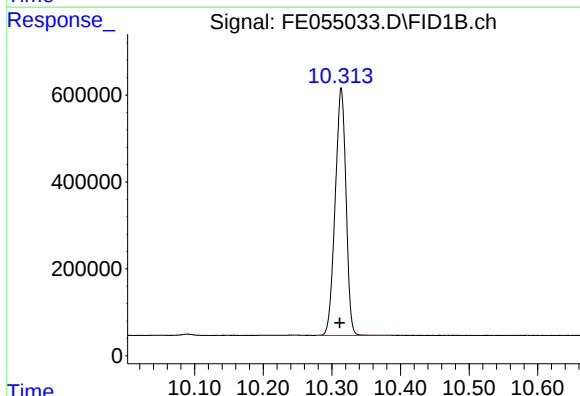
R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 6468472
Conc: 48.29 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



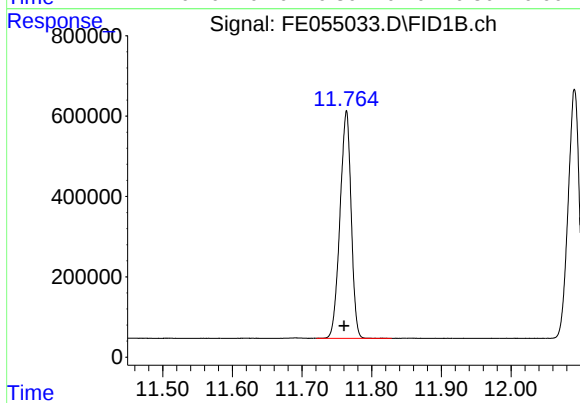
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 6011750
Conc: 47.63 ug/ml



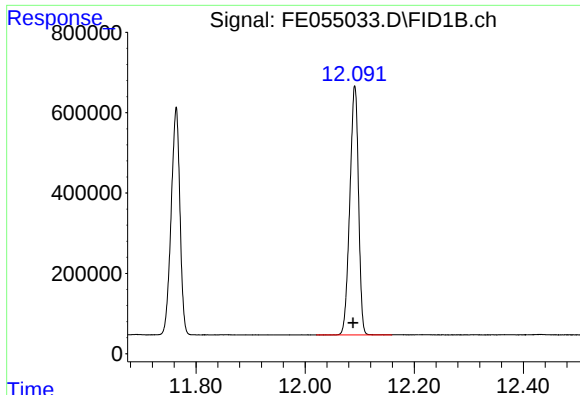
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.002 min
Response: 6232682
Conc: 47.90 ug/ml



#8 n-Octadecane (C18)

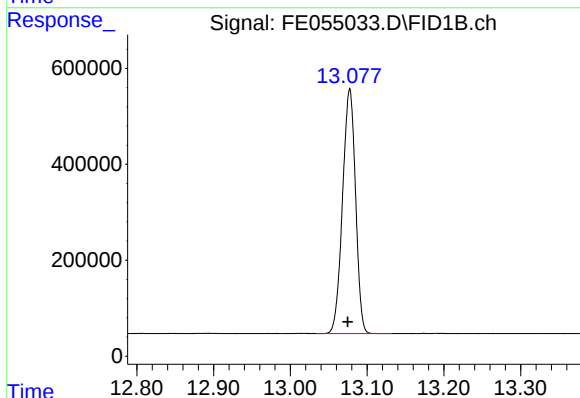
R.T.: 11.764 min
Delta R.T.: 0.003 min
Response: 6284959
Conc: 47.80 ug/ml



#9 ortho-Terphenyl (SURR)

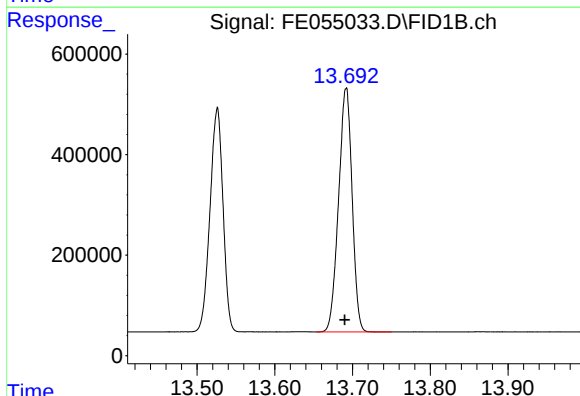
R.T.: 12.091 min
Delta R.T.: 0.003 min
Response: 6854540
Conc: 47.87 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



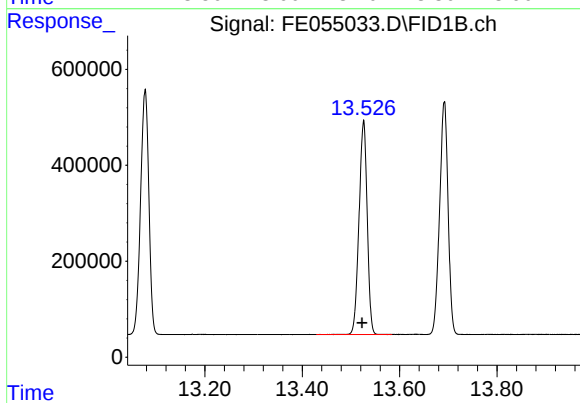
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.002 min
Response: 5994295
Conc: 47.74 ug/ml



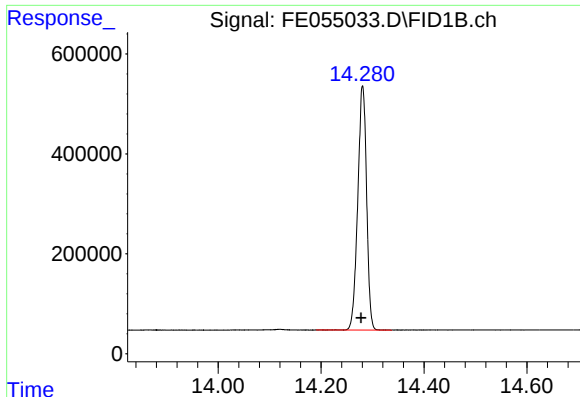
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 5875821
Conc: 47.84 ug/ml



#12 1-chlorooctadecane (SURR)

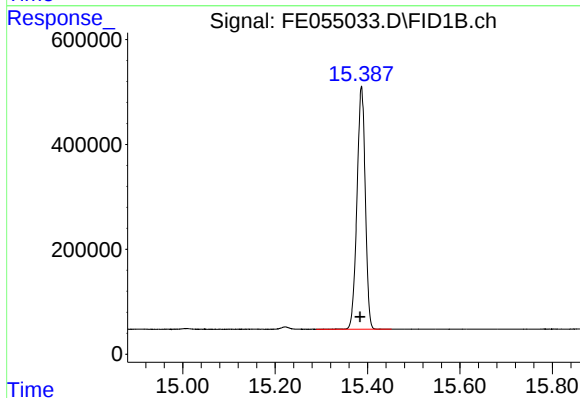
R.T.: 13.526 min
Delta R.T.: 0.003 min
Response: 5195314
Conc: 47.96 ug/ml



#13 n-Docosane (C22)

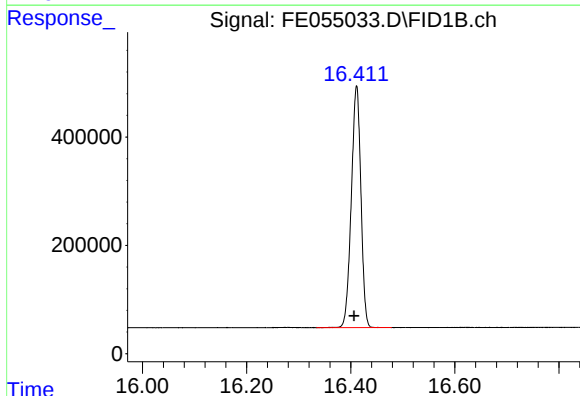
R.T.: 14.281 min
Delta R.T.: 0.003 min
Response: 5824764
Conc: 47.79 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



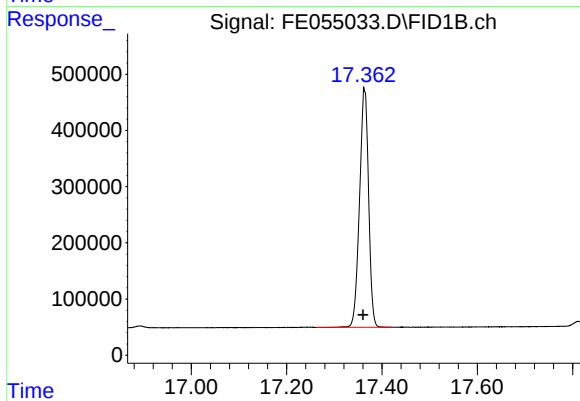
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.003 min
Response: 5778436
Conc: 47.74 ug/ml



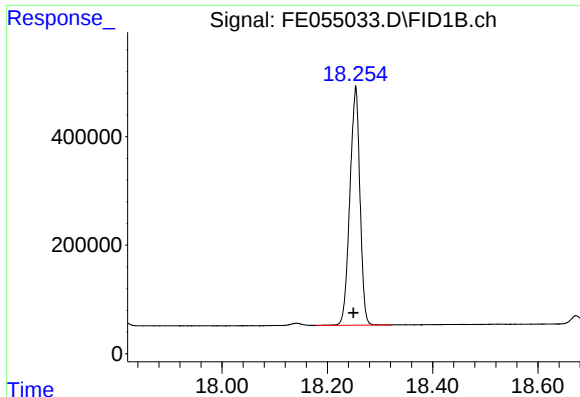
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 5693885
Conc: 47.71 ug/ml



#16 n-Octacosane (C28)

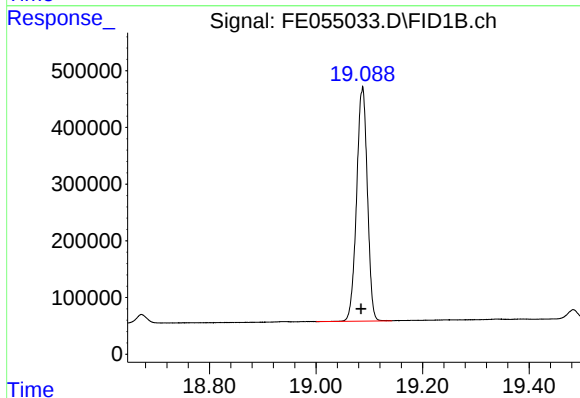
R.T.: 17.363 min
Delta R.T.: 0.003 min
Response: 5640986
Conc: 47.36 ug/ml



#17 n-Tricontane (C30)

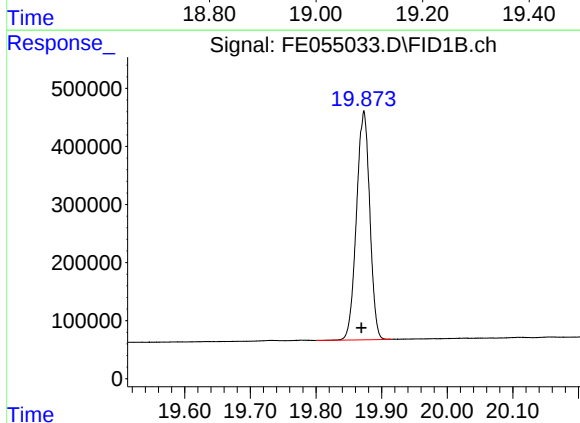
R.T.: 18.254 min
Delta R.T.: 0.004 min
Response: 5834090
Conc: 46.61 ug/ml

Instrument :
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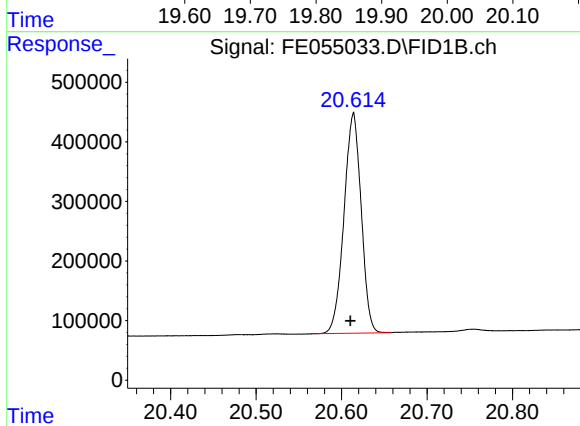
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.002 min
Response: 5775137
Conc: 46.27 ug/ml



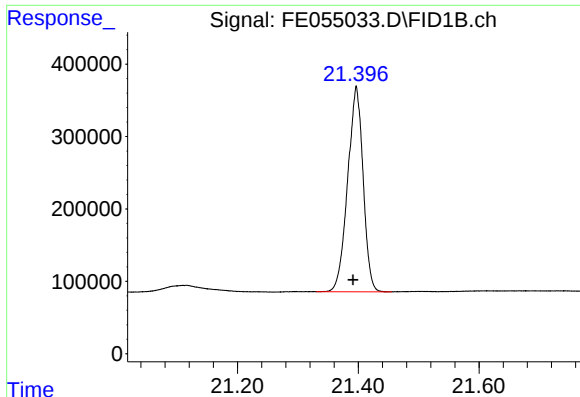
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.004 min
Response: 5550281
Conc: 46.74 ug/ml



#20 n-Hexatriacontane (C36)

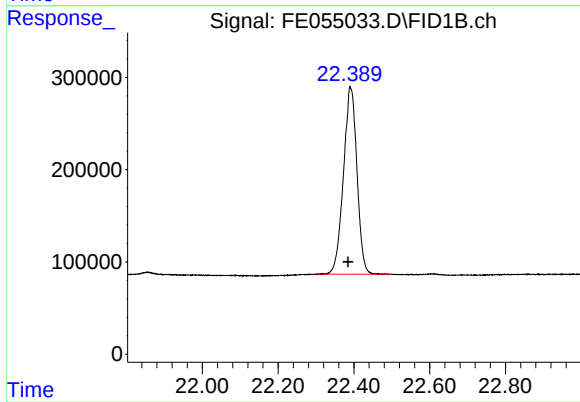
R.T.: 20.614 min
Delta R.T.: 0.003 min
Response: 5166598
Conc: 46.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.006 min
Response: 5024926
Conc: 47.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.007 min
Response: 5020269
Conc: 46.81 ug/ml