

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
 Data File : FE037293.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2022 18:17
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 30 06:47:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:44:56 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)	11.658	15743197	95.581 ug/ml
Spiked Amount 50.000		Recovery =	191.16%
12) S 1-chlorooctadecane (S...	13.078	12256424	96.008 ug/ml
Spiked Amount 50.000		Recovery =	192.02%
Target Compounds			
1) T n-Nonane (C9)	3.051	14608497	97.592 ug/ml
2) T n-Decane (C10)	4.308	14749262	97.562 ug/ml
3) T A~Naphthalene (C11.7)	6.019	15587301	101.882 ug/ml
4) T n-Dodecane (C12)	6.479	14929433	97.018 ug/ml
5) T A~2-methylnaphthalene...	7.113	15362600	102.697 ug/ml
6) T n-Tetradecane (C14)	9.898	14857912	96.409 ug/ml
7) T n-Hexadecane (C16)	9.898	14857912	96.409 ug/ml
8) T n-Octadecane (C18)	11.336	14854517	95.873 ug/ml
10) T n-Eicosane (C20)	12.636	14699478	95.356 ug/ml
11) T n-Heneicosane (C21)	13.245	14604065	95.015 ug/ml
13) T n-Docosane (C22)	13.828	14442462	94.901 ug/ml
14) T n-Tetracosane (C24)	14.924	13979232	94.703 ug/ml
15) T n-Hexacosane (C26)	15.940	13475463	94.474 ug/ml
16) T n-Octacosane (C28)	16.884	12872734	94.509 ug/ml
17) T n-Tricontane (C30)	17.766	12558558	94.555 ug/ml
18) T n-Dotriacontane (C32)	18.595	12263639	94.741 ug/ml
19) T n-Tetratriacontane (C34)	19.373	11711291	95.571 ug/ml
20) T n-Hexatriacontane (C36)	20.108	11800463	95.609 ug/ml
21) T n-Octatriacontane (C38)	20.806	11714213	96.831 ug/ml
22) T n-Tetracontane (C40)	21.591	11854886	96.397 ug/ml

(f)=RT Delta > 1/2 Window

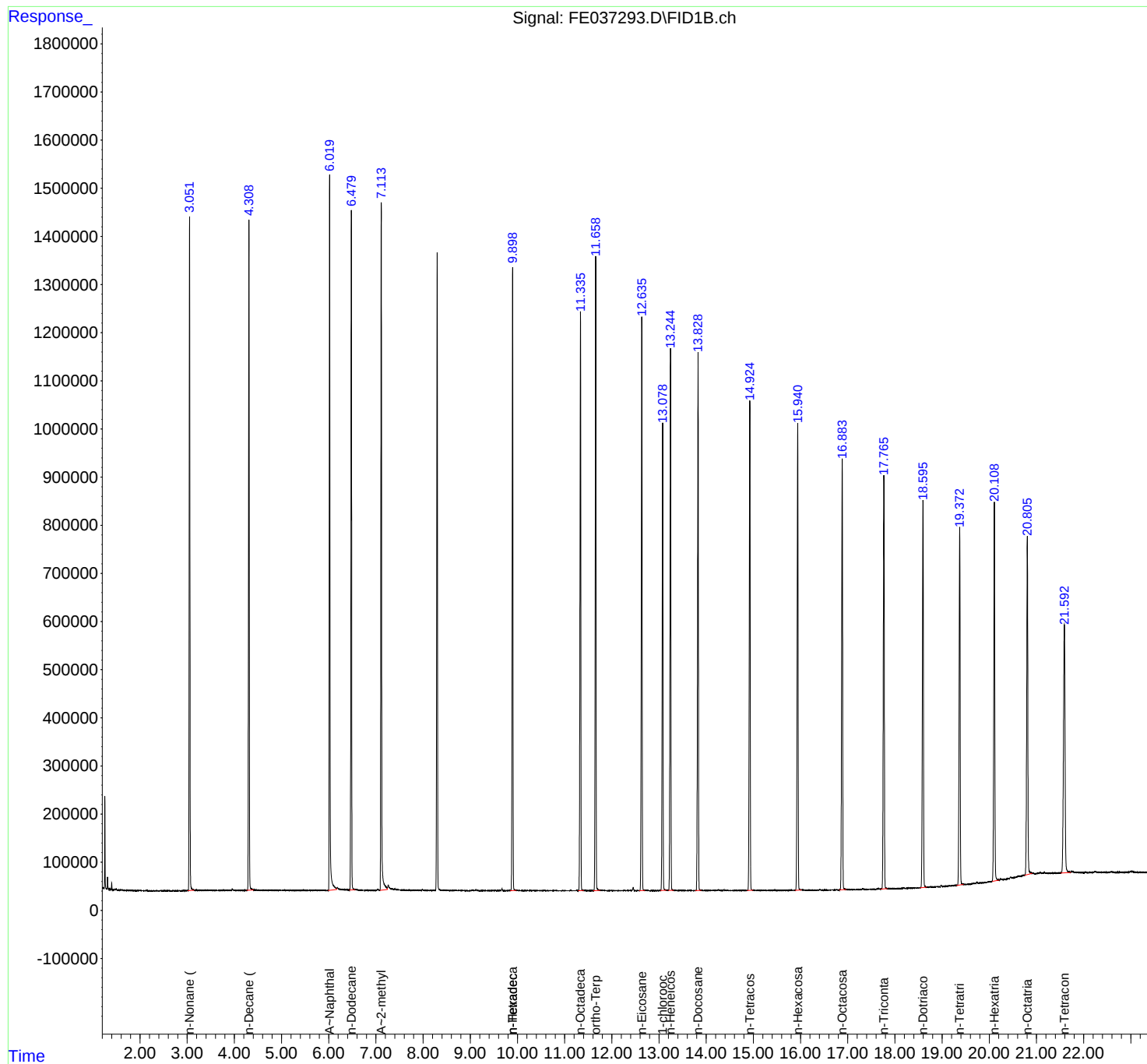
(m)=manual int.

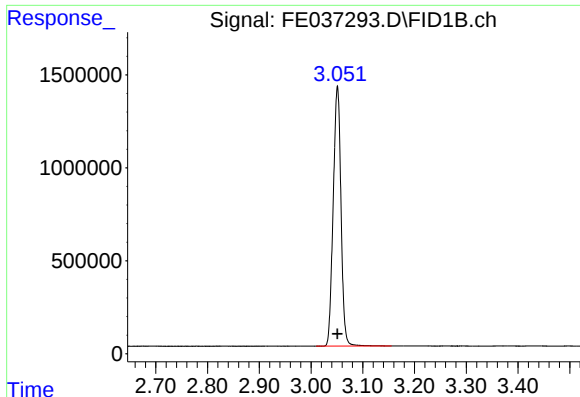
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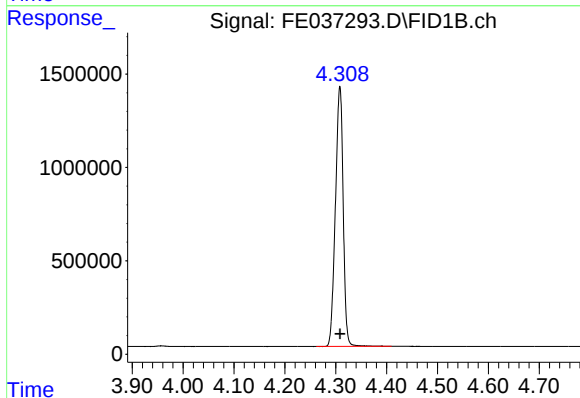




#1 n-Nonane (C9)

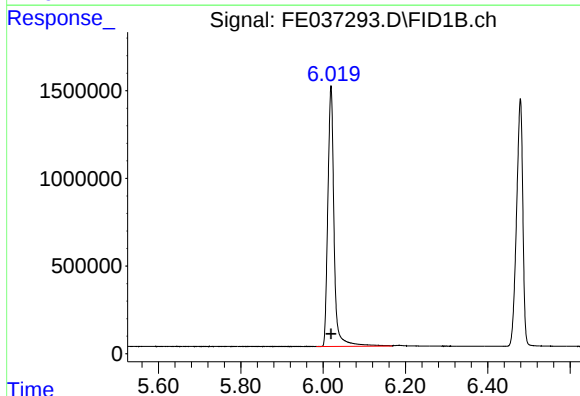
R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 14608497
Conc: 97.59 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



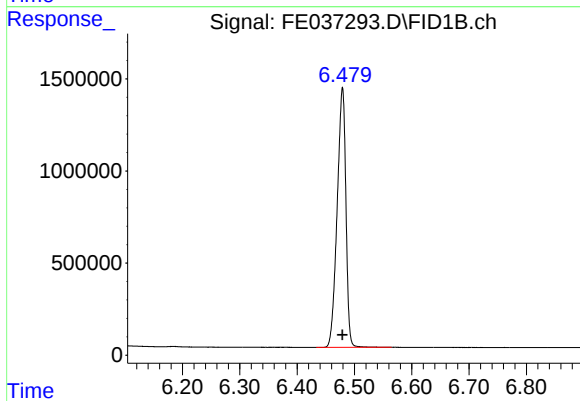
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 14749262
Conc: 97.56 ug/ml



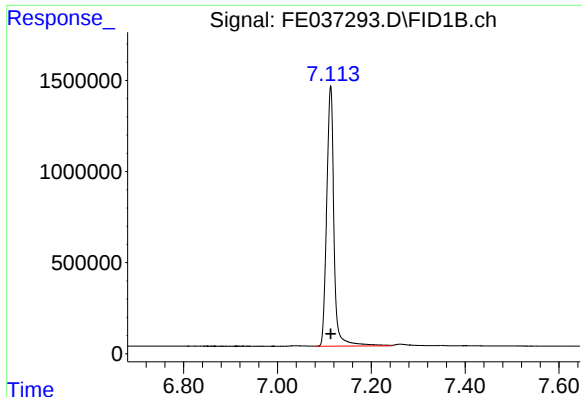
#3 A~Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 15587301
Conc: 101.88 ug/ml



#4 n-Dodecane (C12)

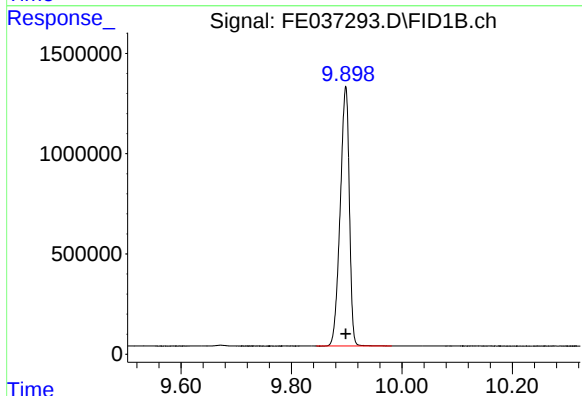
R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 14929433
Conc: 97.02 ug/ml



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

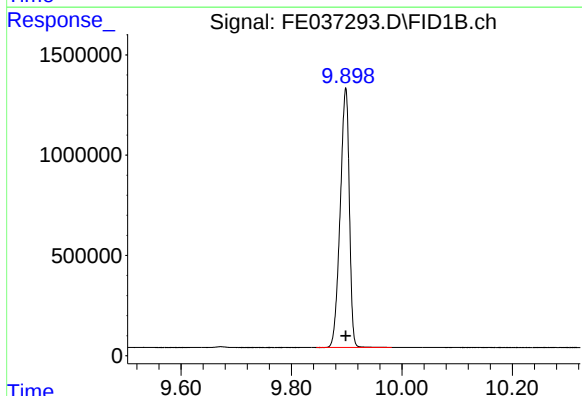
R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 15362600
Conc: 102.70 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



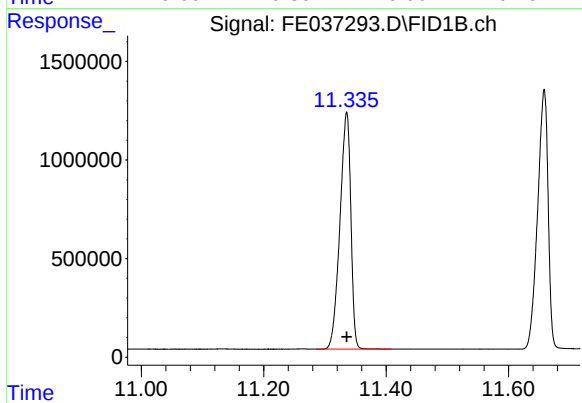
#6 n-Tetradecane (C14)

R.T.: 9.898 min
Delta R.T.: 0.000 min
Response: 14857912
Conc: 96.41 ug/ml



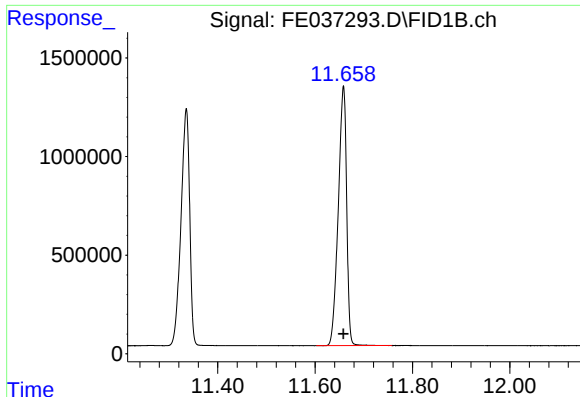
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: 0.000 min
Response: 14857912
Conc: 96.41 ug/ml



#8 n-Octadecane (C18)

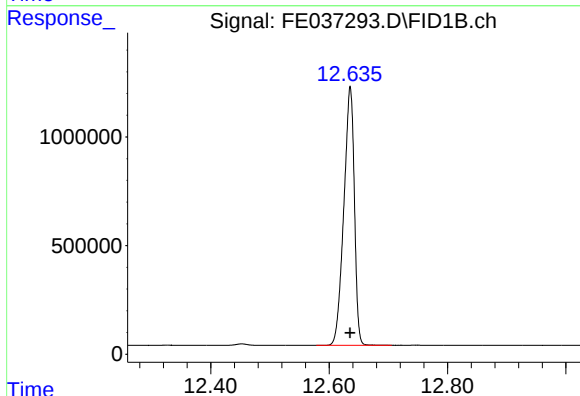
R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 14854517
Conc: 95.87 ug/ml



#9 ortho-Terphenyl (SURR)

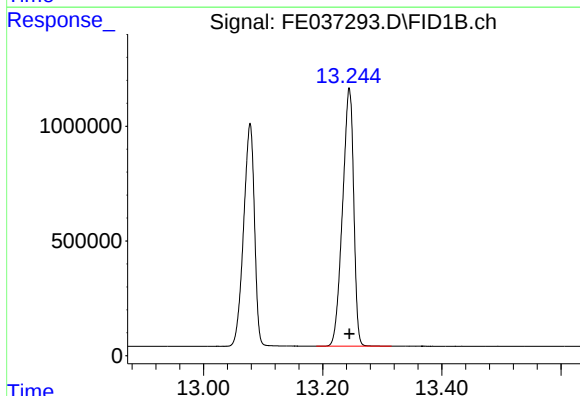
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 15743197
Conc: 95.58 ug/ml

Instrument :
FID_E
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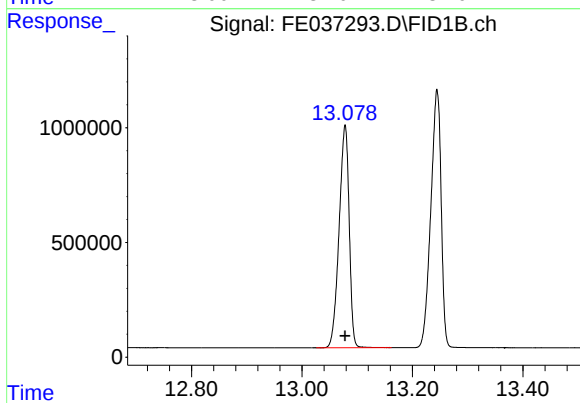
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: 0.000 min
Response: 14699478
Conc: 95.36 ug/ml



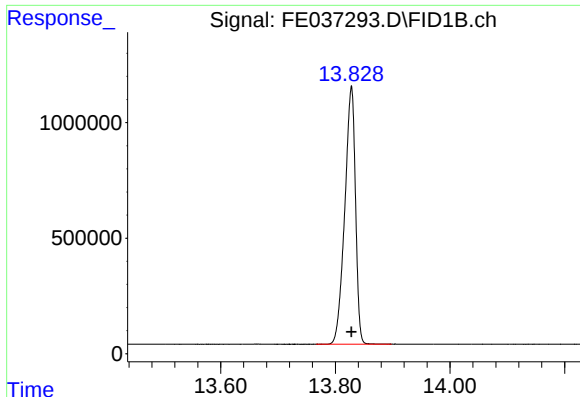
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 14604065
Conc: 95.02 ug/ml



#12 1-chlorooctadecane (SURR)

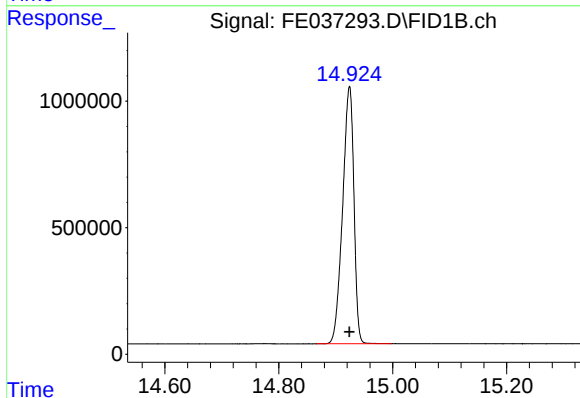
R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 12256424
Conc: 96.01 ug/ml



#13 n-Docosane (C22)

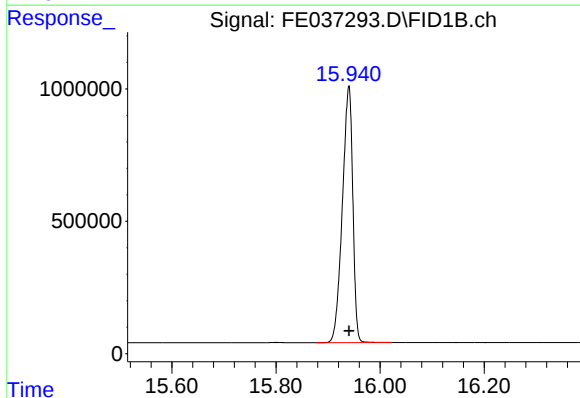
R.T.: 13.828 min
Delta R.T.: 0.000 min
Response: 14442462
Conc: 94.90 ug/ml

Instrument :
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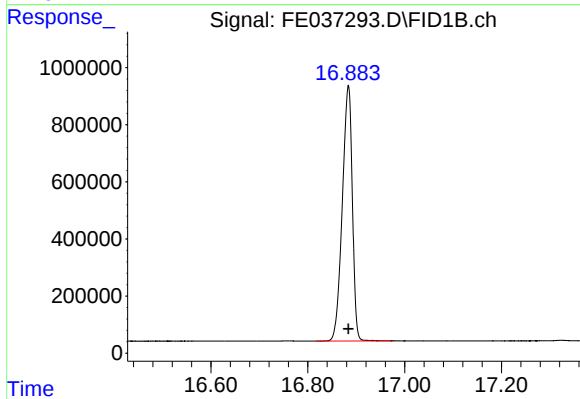
#14 n-Tetracosane (C24)

R.T.: 14.924 min
Delta R.T.: 0.000 min
Response: 13979232
Conc: 94.70 ug/ml



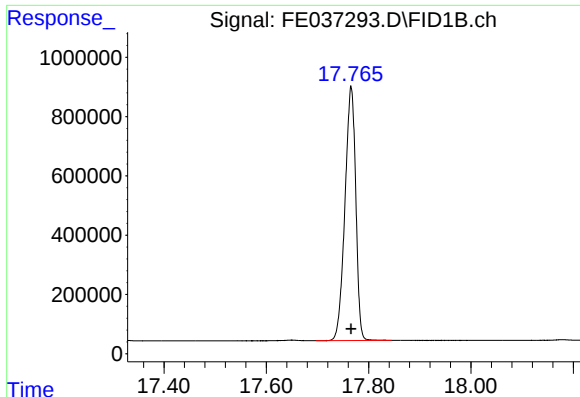
#15 n-Hexacosane (C26)

R.T.: 15.940 min
Delta R.T.: 0.000 min
Response: 13475463
Conc: 94.47 ug/ml



#16 n-Octacosane (C28)

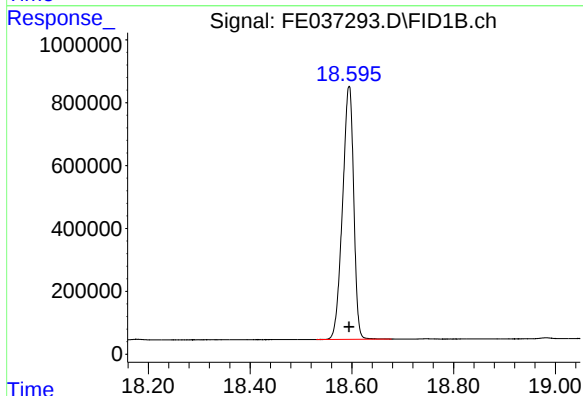
R.T.: 16.884 min
Delta R.T.: 0.000 min
Response: 12872734
Conc: 94.51 ug/ml



#17 n-Tricontane (C30)

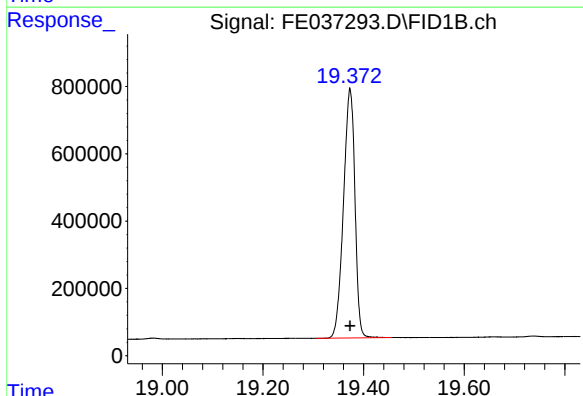
R.T.: 17.766 min
Delta R.T.: 0.000 min
Response: 12558558
Conc: 94.56 ug/ml

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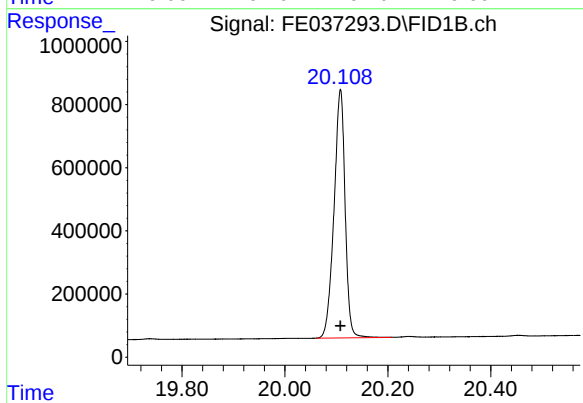
#18 n-Dotriacontane (C32)

R.T.: 18.595 min
Delta R.T.: 0.000 min
Response: 12263639
Conc: 94.74 ug/ml



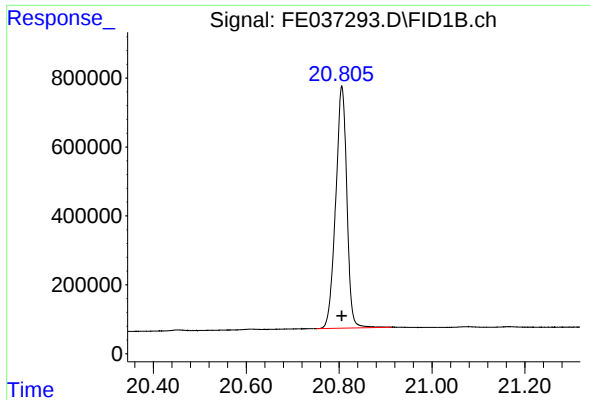
#19 n-Tetratriacontane (C34)

R.T.: 19.373 min
Delta R.T.: 0.000 min
Response: 11711291
Conc: 95.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: 0.000 min
Response: 11800463
Conc: 95.61 ug/ml



#21 n-Octatriacontane (C38)

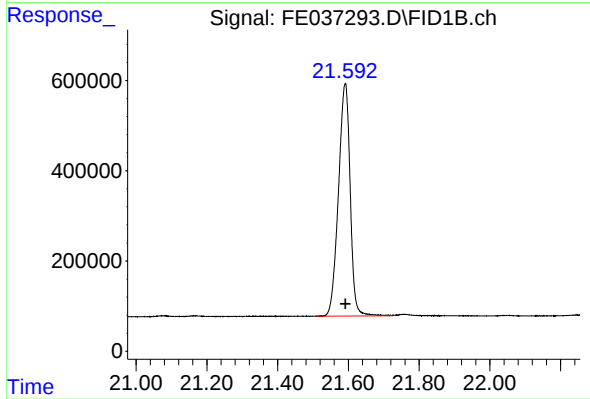
R.T.: 20.806 min
Delta R.T.: 0.000 min
Response: 11714213
Conc: 96.83 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.000 min
Response: 11854886
Conc: 96.40 ug/ml