

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036377.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 10:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 07 03:58:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.872	4133092	20.687 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	13.310	3196527	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.263	3776859	20.999 ug/ml
2) T n-Decane (C10)	4.516	3852416	21.431 ug/ml
3) T A~Naphthalene (C11.7)	6.218	4285175	21.358 ug/ml
4) T n-Dodecane (C12)	6.684	3952509	21.339 ug/ml
5) T A~2-methylnaphthalene...	7.314	4318330	21.213 ug/ml
6) T n-Tetradecane (C14)	8.510	3986849	21.325 ug/ml
7) T n-Hexadecane (C16)	10.117	3963197	21.163 ug/ml
8) T n-Octadecane (C18)	11.558	3918492	21.062 ug/ml
10) T n-Eicosane (C20)	12.865	3772749	20.825 ug/ml
11) T n-Heneicosane (C21)	13.477	3722654	20.724 ug/ml
13) T n-Docosane (C22)	14.063	3664220	20.725 ug/ml
14) T n-Tetracosane (C24)	15.165	3570413	20.846 ug/ml
15) T n-Hexacosane (C26)	16.186	3455006	20.911 ug/ml
16) T n-Octacosane (C28)	17.136	3439817	21.489 ug/ml
17) T n-Tricontane (C30)	18.023	3494495	22.571 ug/ml
18) T n-Dotriacontane (C32)	18.857	3422004	23.416 ug/ml
19) T n-Tetratriacontane (C34)	19.641	3238096	23.400 ug/ml
20) T n-Hexatriacontane (C36)	20.380	3051473	22.730 ug/ml
21) T n-Octatriacontane (C38)	21.108	3061712	23.022 ug/ml
22) T n-Tetracontane (C40)	22.007	3304109	23.630 ug/ml

(f)=RT Delta > 1/2 Window

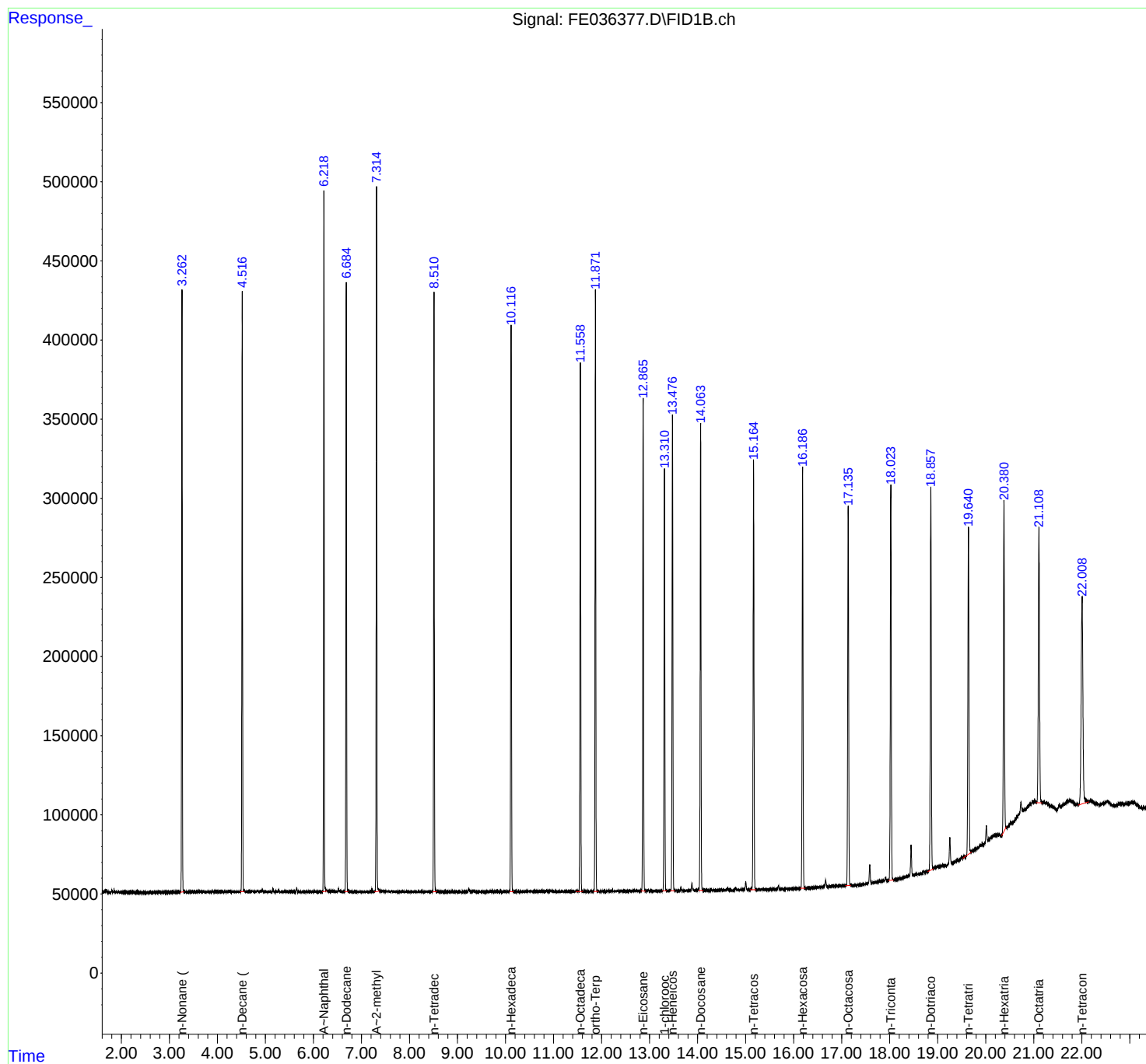
(m)=manual int.

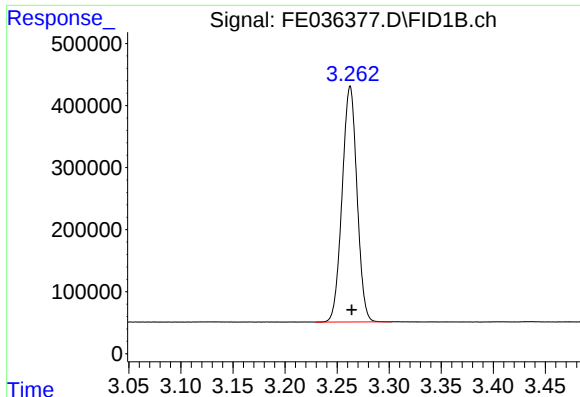
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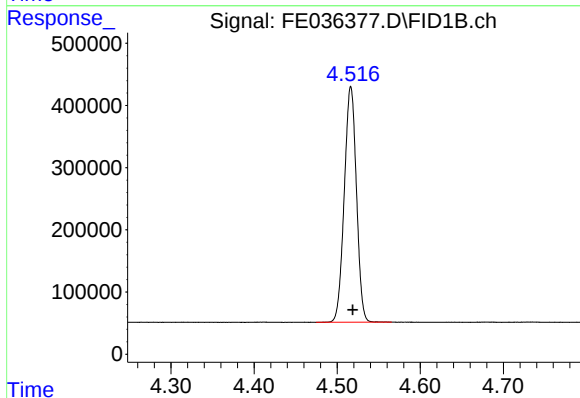




#1 n-Nonane (C9)

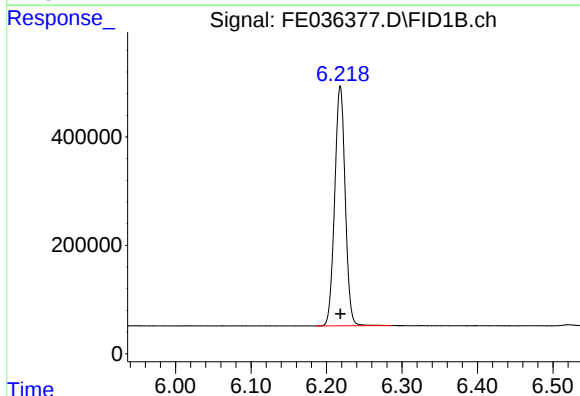
R.T.: 3.263 min
Delta R.T.: -0.001 min
Response: 3776859
Conc: 21.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



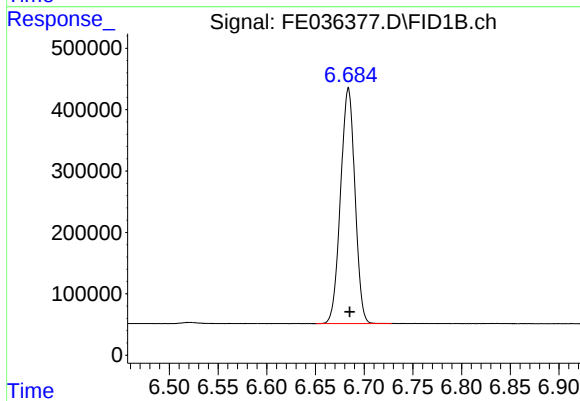
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 3852416
Conc: 21.43 ug/ml



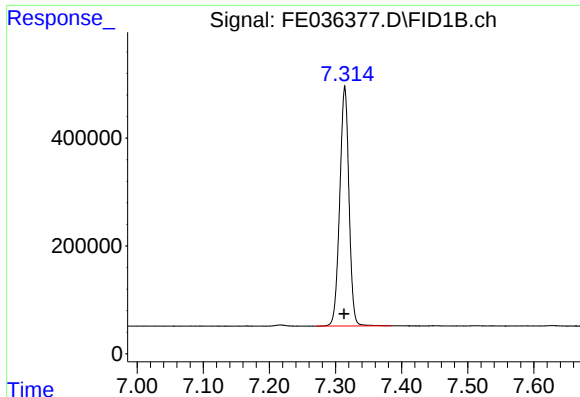
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 4285175
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

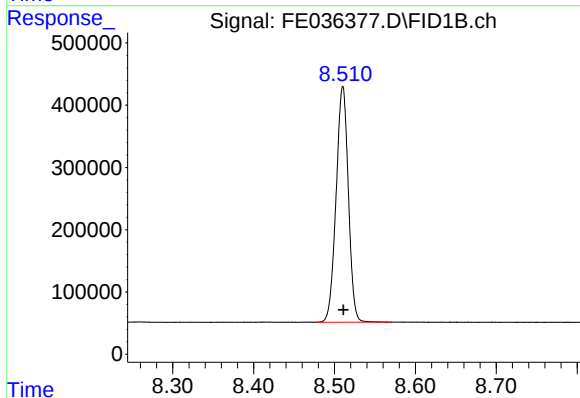
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 3952509
Conc: 21.34 ug/ml



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

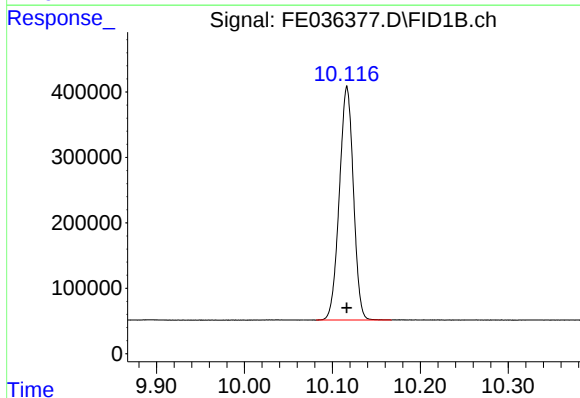
R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 4318330
Conc: 21.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



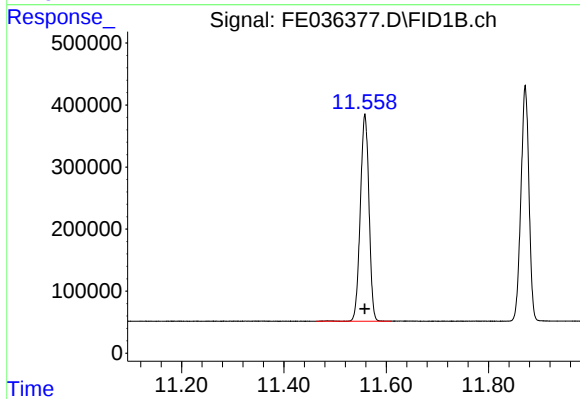
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 3986849
Conc: 21.33 ug/ml



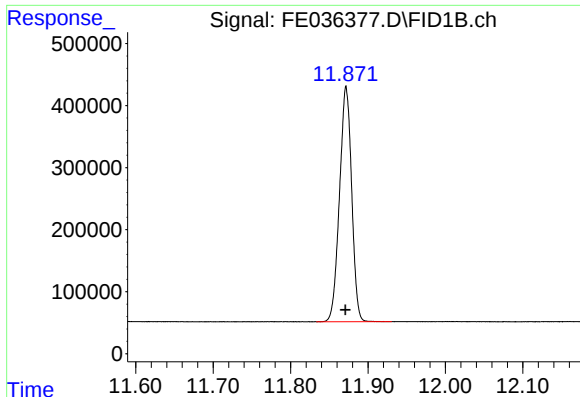
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 3963197
Conc: 21.16 ug/ml



#8 n-Octadecane (C18)

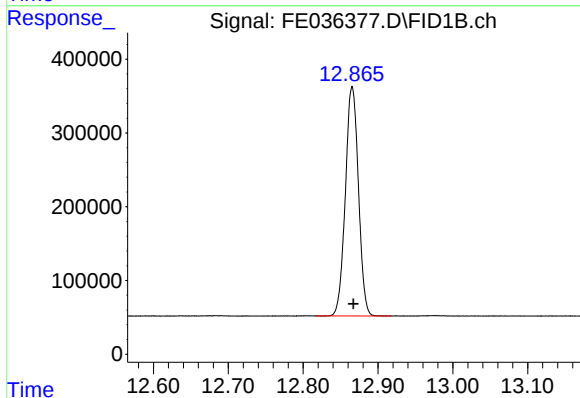
R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 3918492
Conc: 21.06 ug/ml



#9 ortho-Terphenyl (SURR)

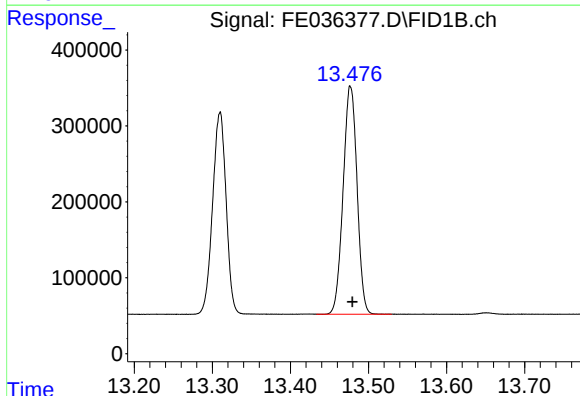
R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 4133092
Conc: 20.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



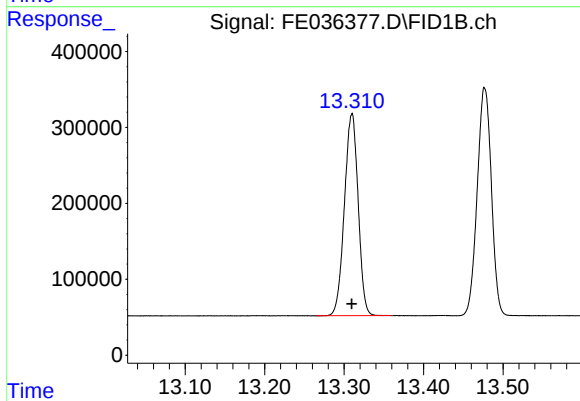
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 3772749
Conc: 20.83 ug/ml



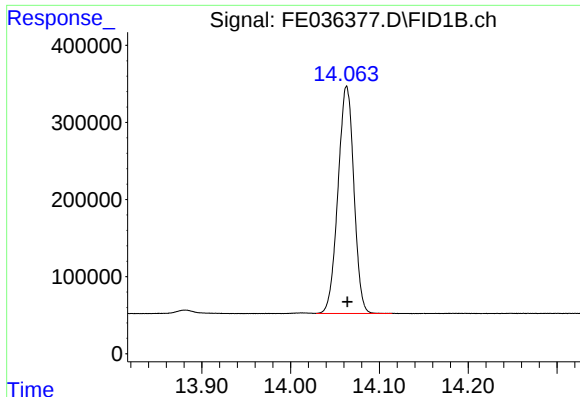
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.002 min
Response: 3722654
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

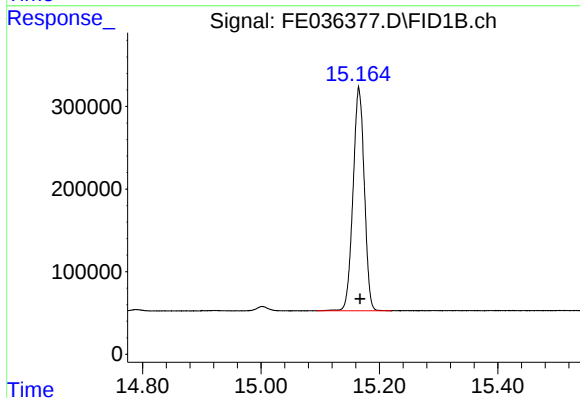
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 3196527
Conc: 20.65 ug/ml



#13 n-Docosane (C22)

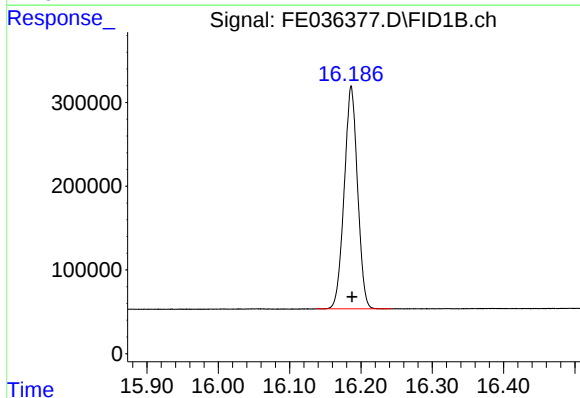
R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 3664220
Conc: 20.73 ug/ml

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20 PPM ALIPHATIC HC STD



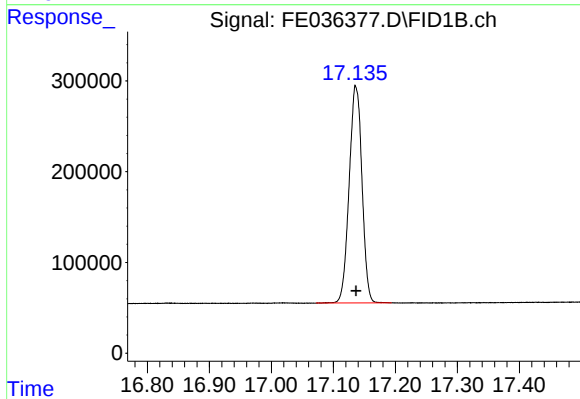
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 3570413
Conc: 20.85 ug/ml



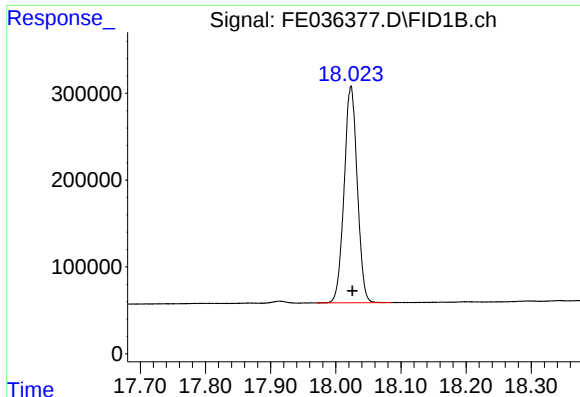
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 3455006
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

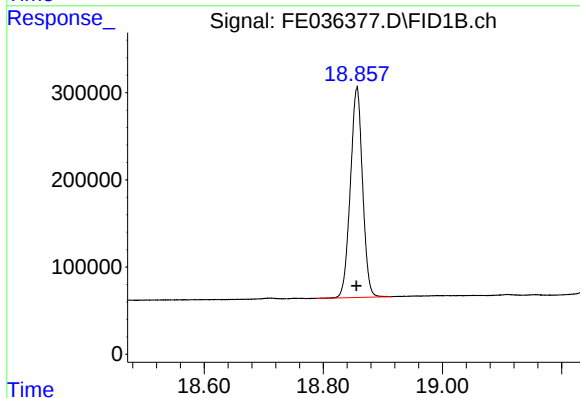
R.T.: 17.136 min
Delta R.T.: 0.000 min
Response: 3439817
Conc: 21.49 ug/ml



#17 n-Tricontane (C30)

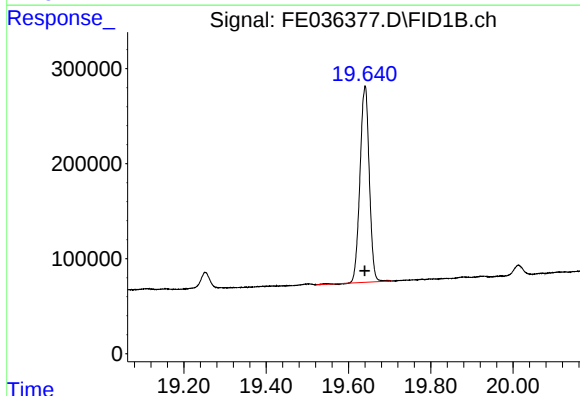
R.T.: 18.023 min
Delta R.T.: -0.002 min
Response: 3494495
Conc: 22.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



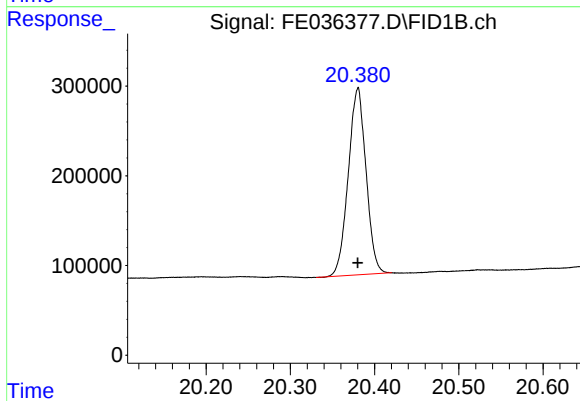
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: 0.001 min
Response: 3422004
Conc: 23.42 ug/ml



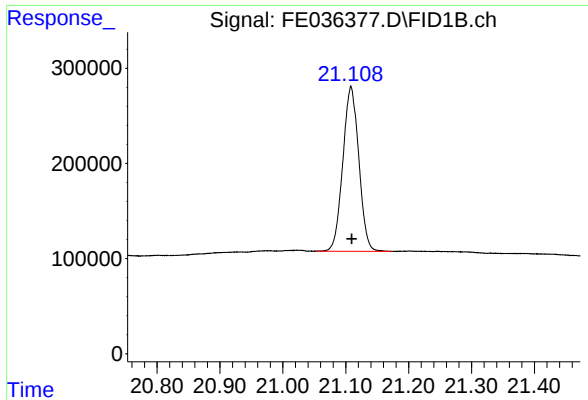
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.000 min
Response: 3238096
Conc: 23.40 ug/ml



#20 n-Hexatriacontane (C36)

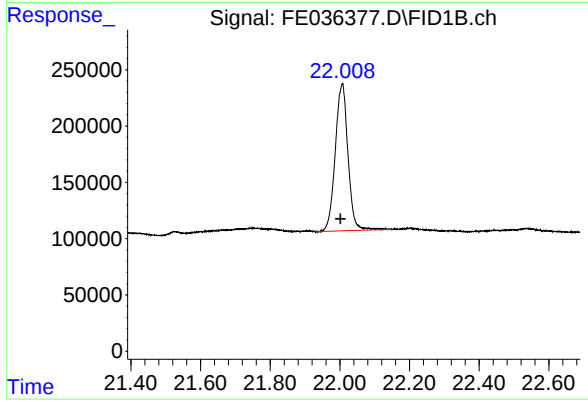
R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 3051473
Conc: 22.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: 0.000 min
Response: 3061712
Conc: 23.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.006 min
Response: 3304109
Conc: 23.63 ug/ml