

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036597.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 14:19
 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: autoint1.e
 Quant Time: Jul 21 01:12:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.854	3905489	20.969 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
12) S 1-chlorooctadecane (S...	13.293	3129099	20.567 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T n-Nonane (C9)	3.239	3467992	22.496 ug/ml
2) T n-Decane (C10)	4.494	3502829	22.724 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3899838	22.821 ug/ml
4) T n-Dodecane (C12)	6.664	3586411	22.835 ug/ml
5) T A~2-methylnaphthalene...	7.292	3912741	22.766 ug/ml
6) T n-Tetradecane (C14)	8.491	3668236	22.469 ug/ml
7) T n-Hexadecane (C16)	10.098	3649767	22.143 ug/ml
8) T n-Octadecane (C18)	11.540	3661947	21.547 ug/ml
10) T n-Eicosane (C20)	12.849	3557076	20.911 ug/ml
11) T n-Heneicosane (C21)	13.461	3526322	20.603 ug/ml
13) T n-Docosane (C22)	14.047	3471663	20.334 ug/ml
14) T n-Tetracosane (C24)	15.149	3349038	19.647 ug/ml
15) T n-Hexacosane (C26)	16.172	3211123	19.207 ug/ml
16) T n-Octacosane (C28)	17.122	3108613	19.033 ug/ml
17) T n-Tricontane (C30)	18.009	2923323	19.237 ug/ml
18) T n-Dotriacontane (C32)	18.840	2370984	19.714 ug/ml
19) T n-Tetratriacontane (C34)	19.626	1699479	20.408 ug/ml
20) T n-Hexatriacontane (C36)	20.367	1273822	21.694 ug/ml
21) T n-Octatriacontane (C38)	21.093	1087830	21.697 ug/ml
22) T n-Tetracontane (C40)	21.982	1117651	21.642 ug/ml

(f)=RT Delta > 1/2 Window

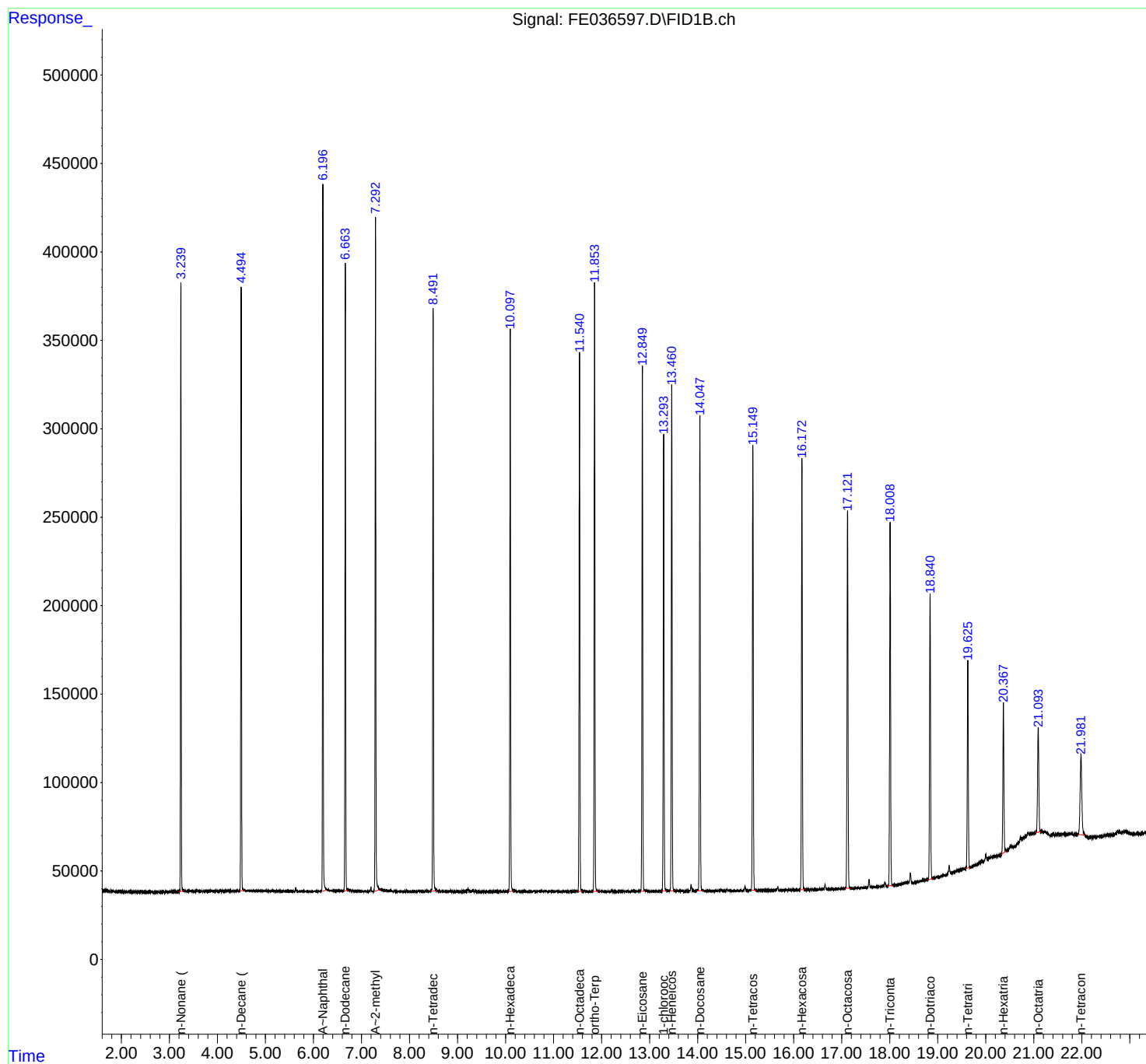
(m)=manual int.

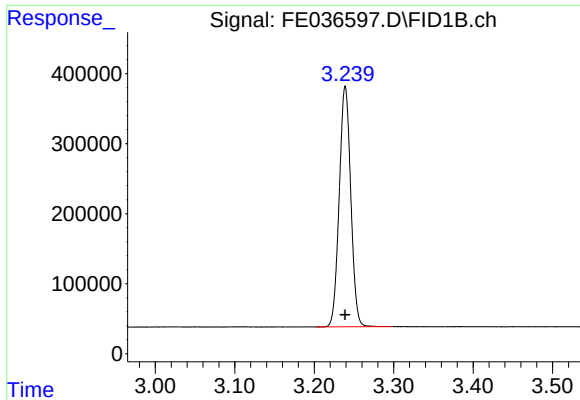
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
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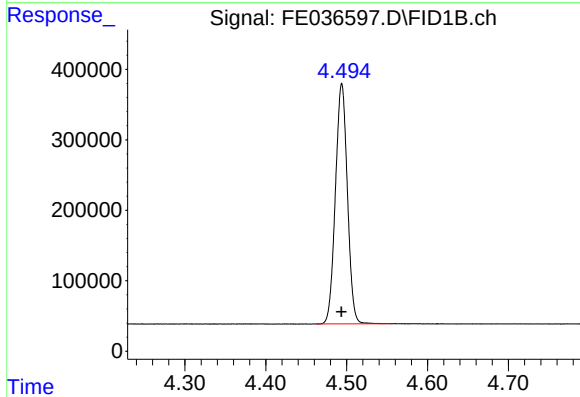




#1 n-Nonane (C9)

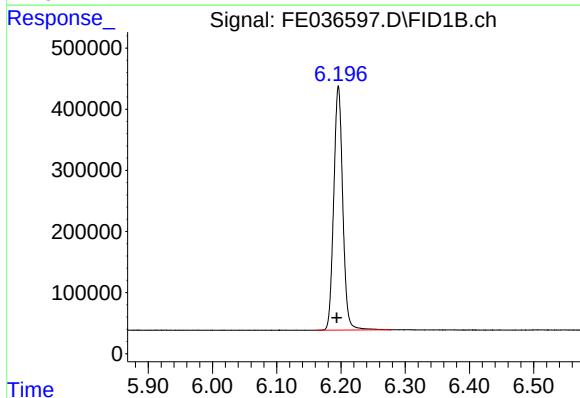
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 3467992
Conc: 22.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



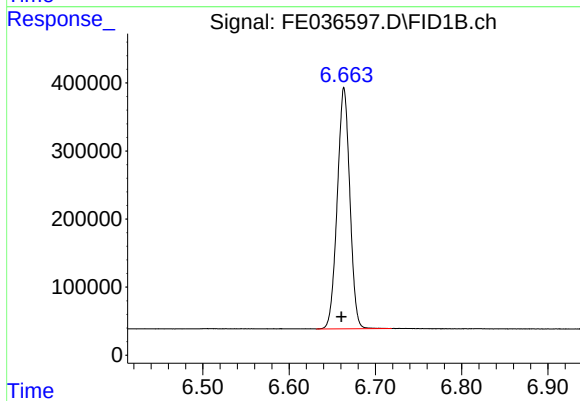
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 3502829
Conc: 22.72 ug/ml



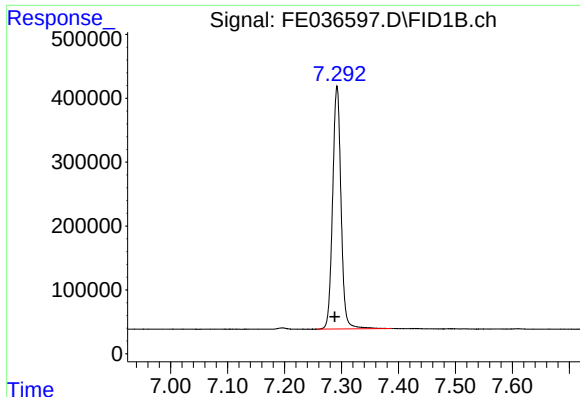
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 3899838
Conc: 22.82 ug/ml



#4 n-Dodecane (C12)

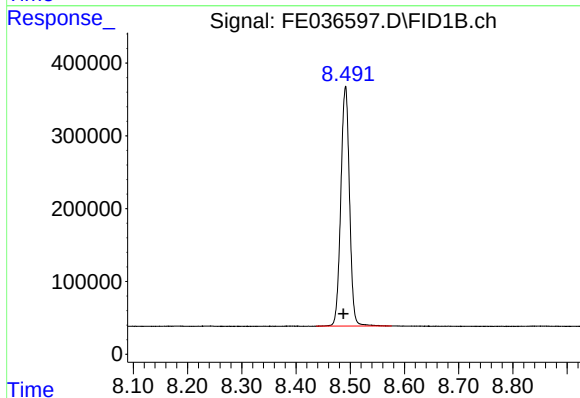
R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 3586411
Conc: 22.84 ug/ml



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

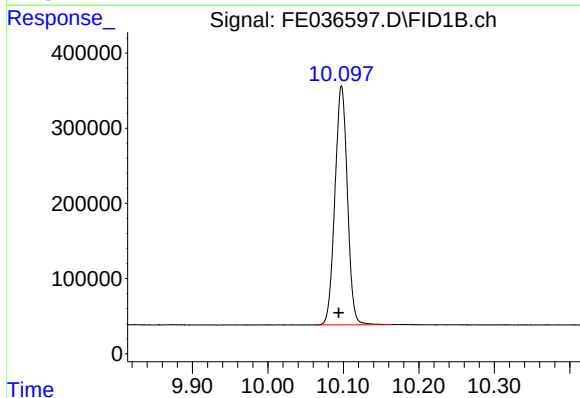
R.T.: 7.292 min
Delta R.T.: 0.004 min
Response: 3912741
Conc: 22.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



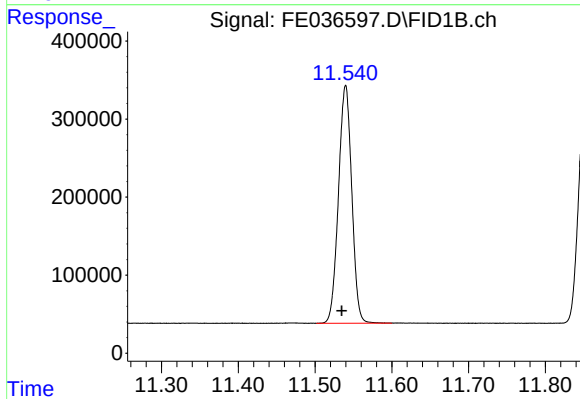
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.004 min
Response: 3668236
Conc: 22.47 ug/ml



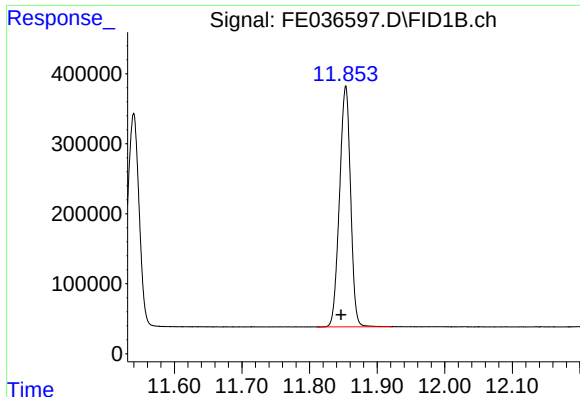
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: 0.004 min
Response: 3649767
Conc: 22.14 ug/ml



#8 n-Octadecane (C18)

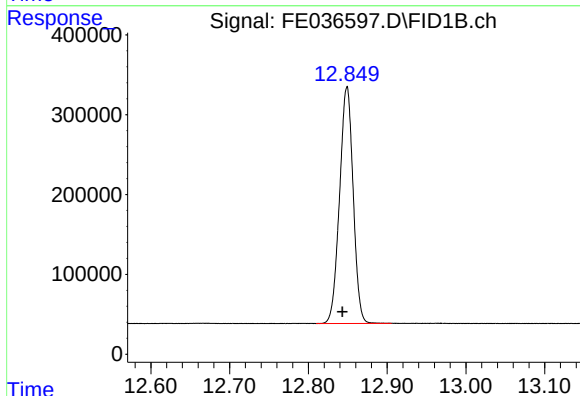
R.T.: 11.540 min
Delta R.T.: 0.005 min
Response: 3661947
Conc: 21.55 ug/ml



#9 ortho-Terphenyl (SURR)

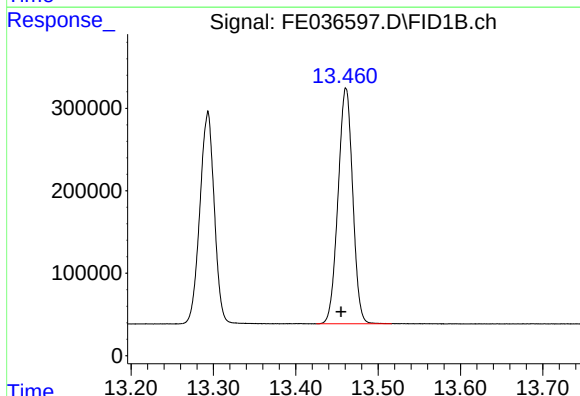
R.T.: 11.854 min
Delta R.T.: 0.007 min
Response: 3905489
Conc: 20.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



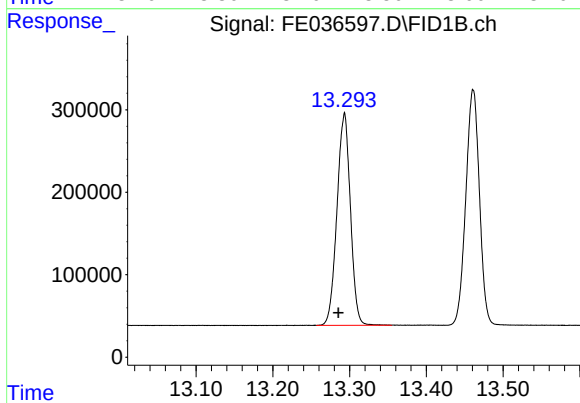
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.006 min
Response: 3557076
Conc: 20.91 ug/ml



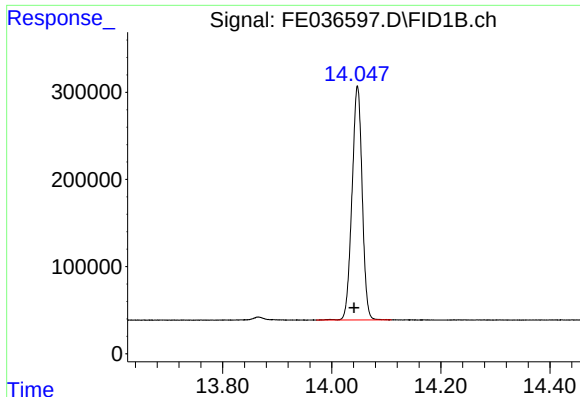
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: 0.006 min
Response: 3526322
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

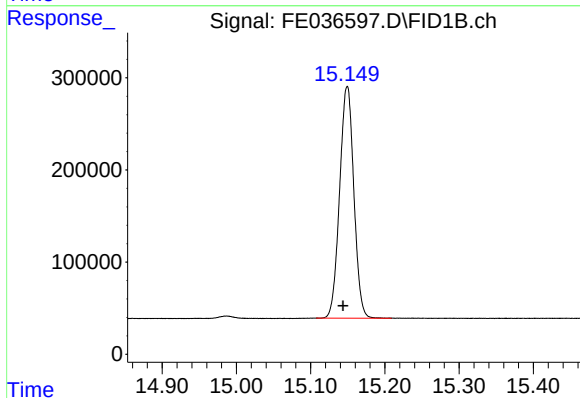
R.T.: 13.293 min
Delta R.T.: 0.008 min
Response: 3129099
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

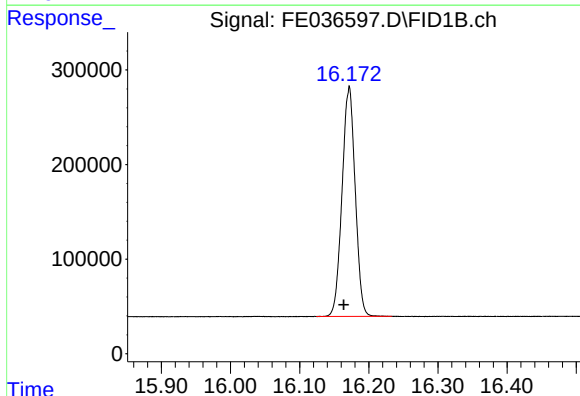
R.T.: 14.047 min
Delta R.T.: 0.006 min
Response: 3471663
Conc: 20.33 ug/ml

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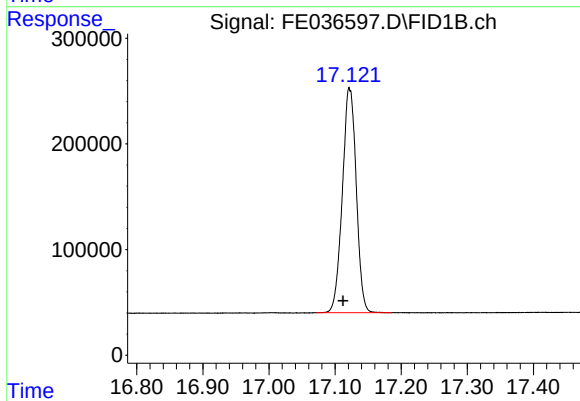
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: 0.006 min
Response: 3349038
Conc: 19.65 ug/ml



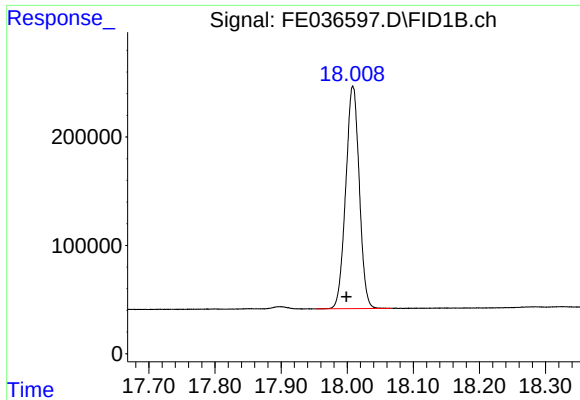
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 3211123
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

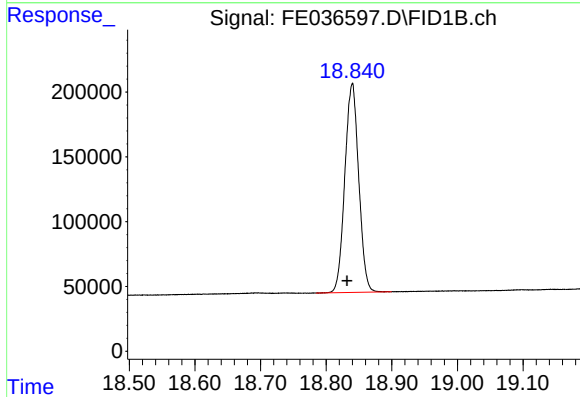
R.T.: 17.122 min
Delta R.T.: 0.010 min
Response: 3108613
Conc: 19.03 ug/ml



#17 n-Tricontane (C30)

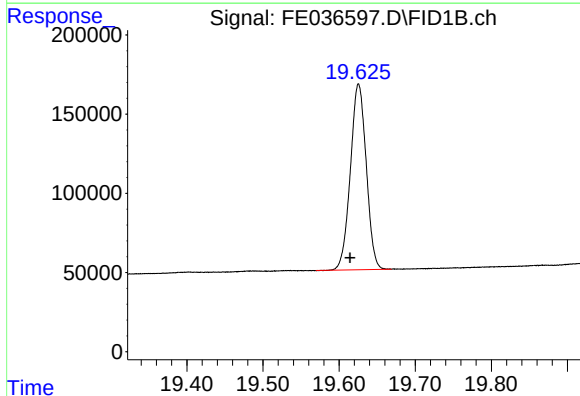
R.T.: 18.009 min
Delta R.T.: 0.010 min
Response: 2923323
Conc: 19.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



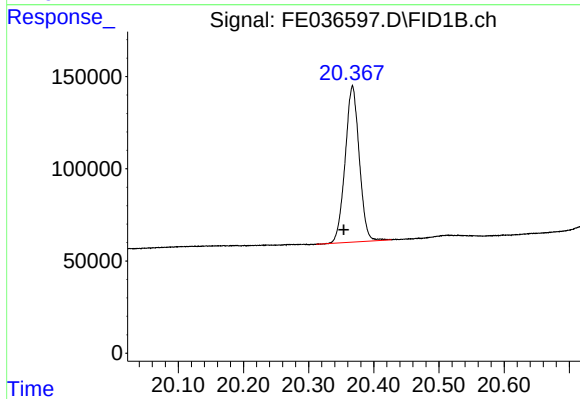
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: 0.008 min
Response: 2370984
Conc: 19.71 ug/ml



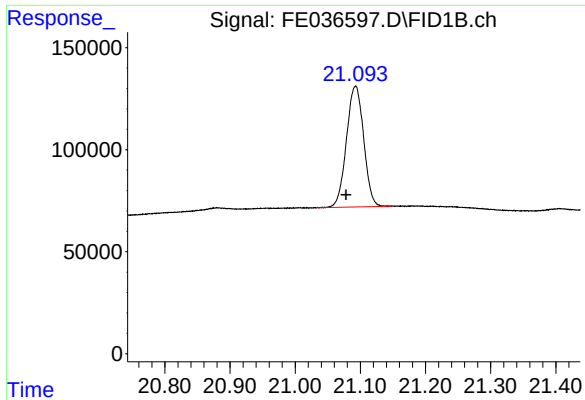
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: 0.011 min
Response: 1699479
Conc: 20.41 ug/ml



#20 n-Hexatriacontane (C36)

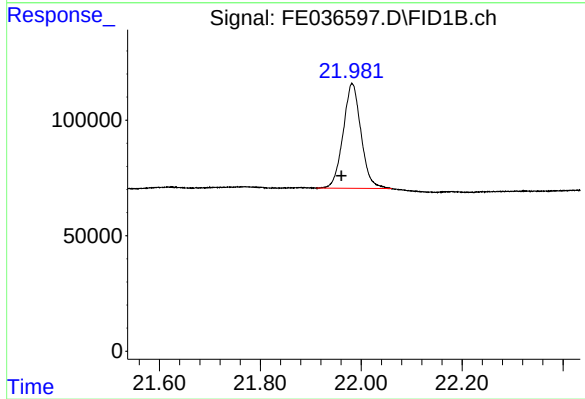
R.T.: 20.367 min
Delta R.T.: 0.014 min
Response: 1273822
Conc: 21.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: 0.015 min
Response: 1087830
Conc: 21.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.021 min
Response: 1117651
Conc: 21.64 ug/ml