

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081522AL\
 Data File : FE037047.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2022 09:37
 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: Aug 15 11:53:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.819	3578811	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.258	2830052	19.391 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T n-Nonane (C9)	3.213	3094828	20.135 ug/ml
2) T n-Decane (C10)	4.466	3100902	20.289 ug/ml
3) T A~Naphthalene (C11.7)	6.168	3354737	20.389 ug/ml
4) T n-Dodecane (C12)	6.634	3185799	20.398 ug/ml
5) T A~2-methylnaphthalene...	7.263	3349980	20.640 ug/ml
6) T n-Tetradecane (C14)	8.460	3213676	20.336 ug/ml
7) T n-Hexadecane (C16)	10.066	3215829	20.220 ug/ml
8) T n-Octadecane (C18)	11.507	3262174	19.869 ug/ml
10) T n-Eicosane (C20)	12.815	3202310	19.506 ug/ml
11) T n-Heneicosane (C21)	13.426	3193480	19.431 ug/ml
13) T n-Docosane (C22)	14.012	3150141	19.361 ug/ml
14) T n-Tetracosane (C24)	15.113	3094944	19.149 ug/ml
15) T n-Hexacosane (C26)	16.134	2996021	18.887 ug/ml
16) T n-Octacosane (C28)	17.083	2893766	18.618 ug/ml
17) T n-Tricontane (C30)	17.970	2696833	18.492 ug/ml
18) T n-Dotriacontane (C32)	18.803	2152227	18.520 ug/ml
19) T n-Tetratriacontane (C34)	19.585	1545946	18.760 ug/ml
20) T n-Hexatriacontane (C36)	20.327	1156542	19.144 ug/ml
21) T n-Octatriacontane (C38)	21.044	995783	19.525 ug/ml
22) T n-Tetracontane (C40)	21.917	1036308	21.531 ug/ml

(f)=RT Delta > 1/2 Window

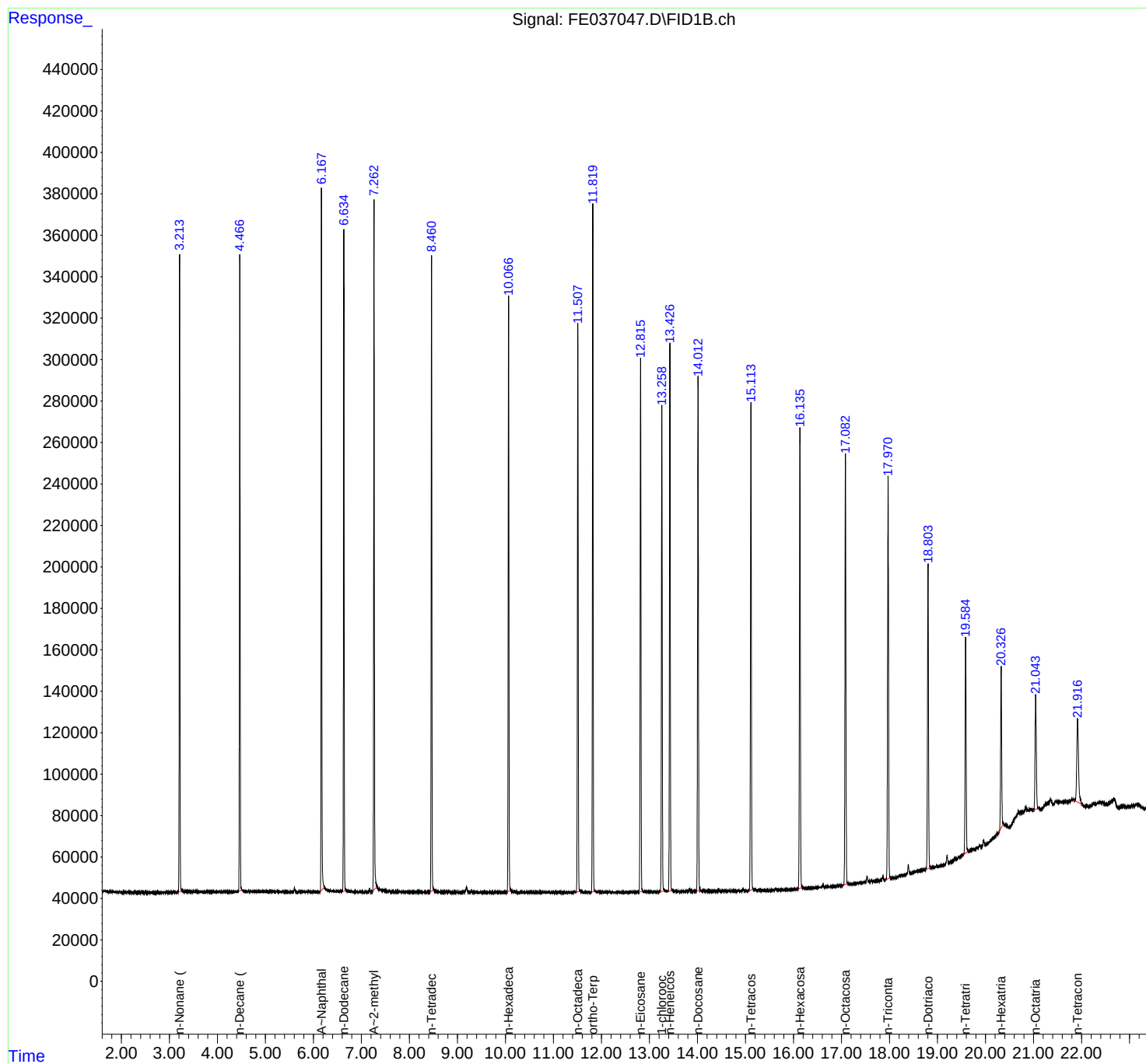
(m)=manual int.

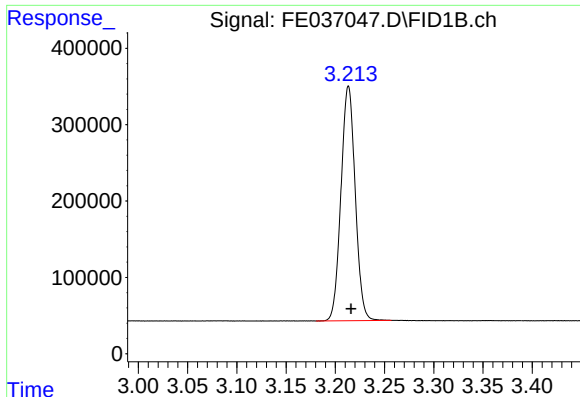
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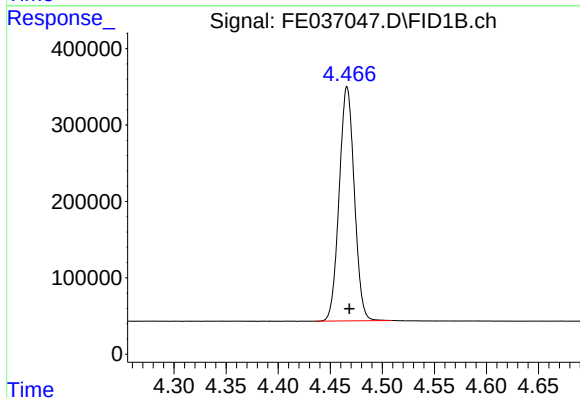




#1 n-Nonane (C9)

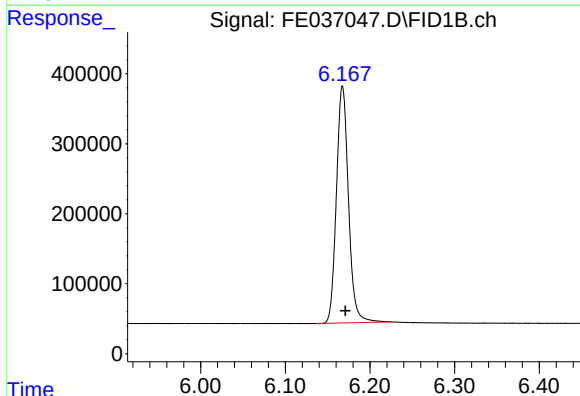
R.T.: 3.213 min
Delta R.T.: -0.003 min
Response: 3094828
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



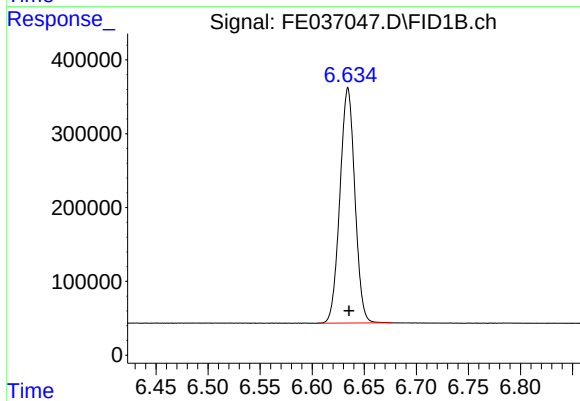
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 3100902
Conc: 20.29 ug/ml



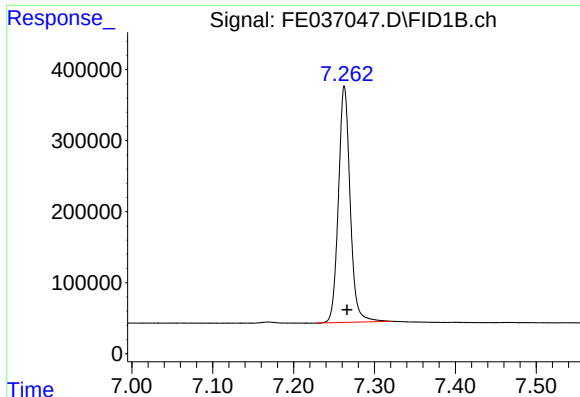
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.004 min
Response: 3354737
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

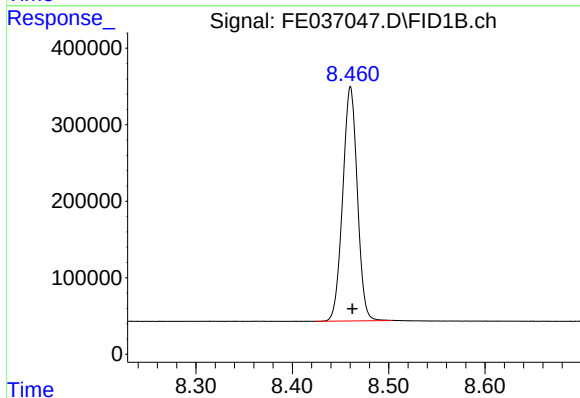
R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 3185799
Conc: 20.40 ug/ml



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

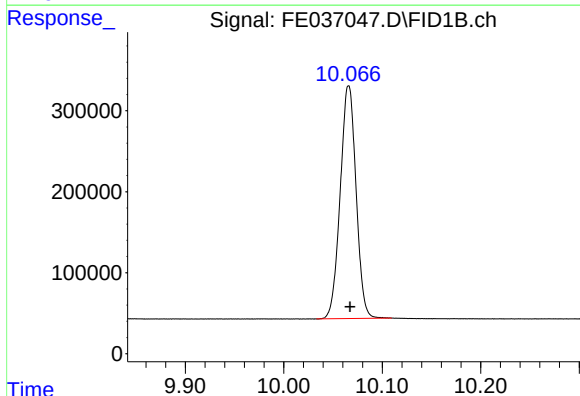
R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 3349980
Conc: 20.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



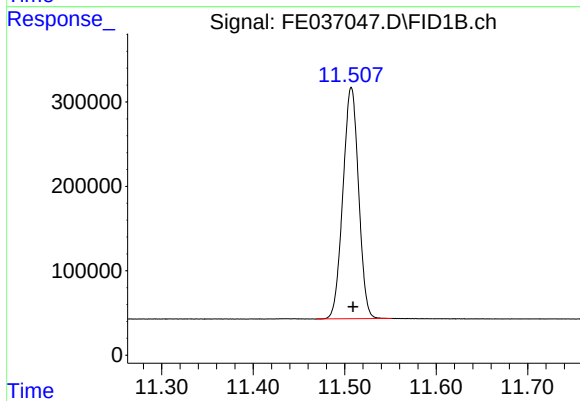
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 3213676
Conc: 20.34 ug/ml



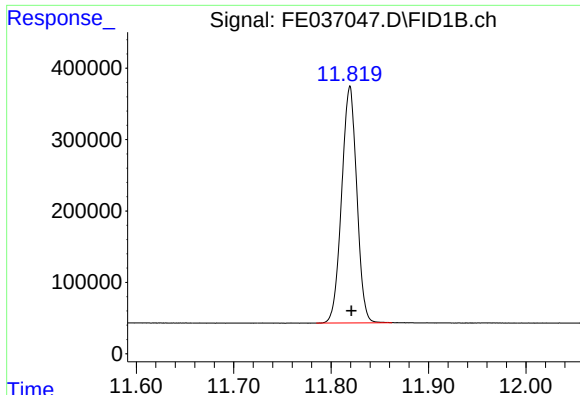
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.001 min
Response: 3215829
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

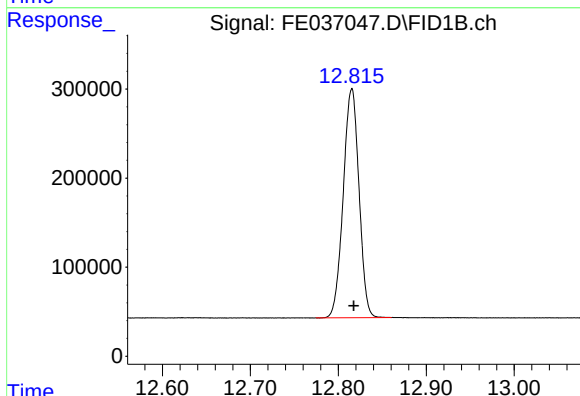
R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 3262174
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

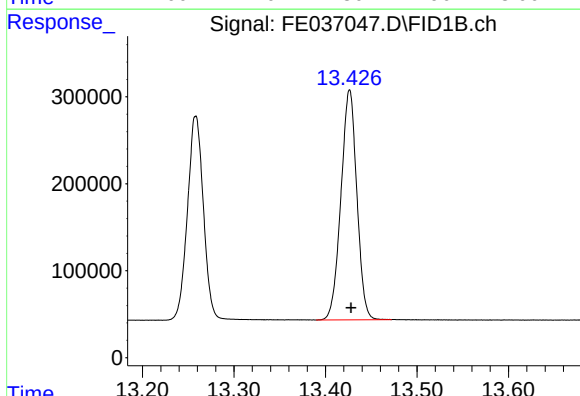
R.T.: 11.819 min
Delta R.T.: -0.001 min
Response: 3578811
Conc: 19.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



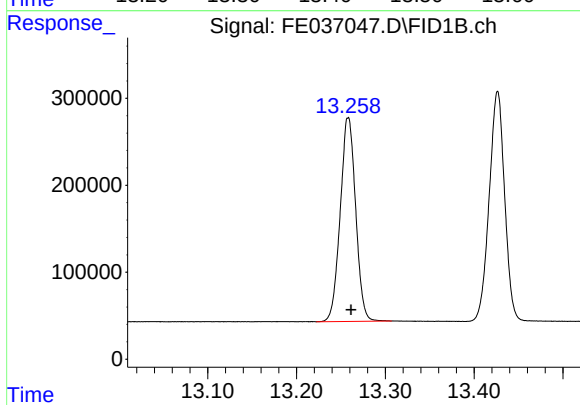
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 3202310
Conc: 19.51 ug/ml



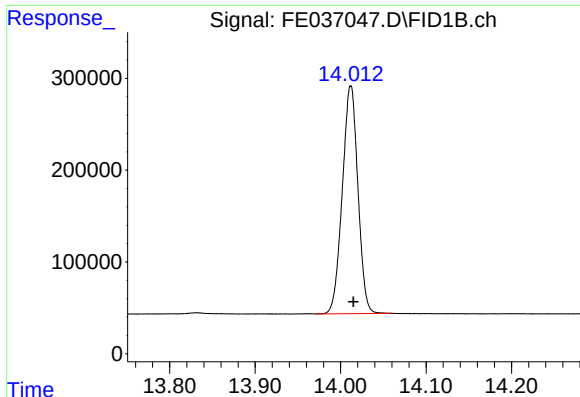
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 3193480
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

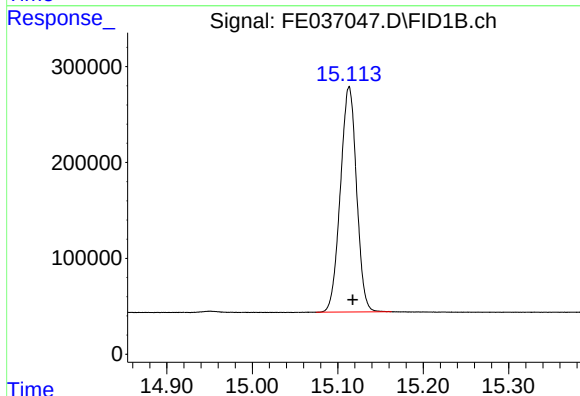
R.T.: 13.258 min
Delta R.T.: -0.003 min
Response: 2830052
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

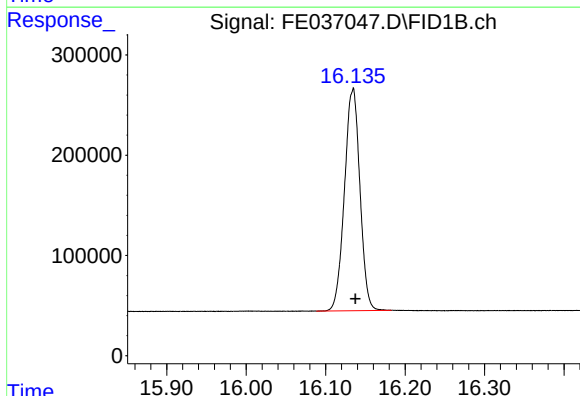
R.T.: 14.012 min
Delta R.T.: -0.003 min
Response: 3150141
Conc: 19.36 ug/ml

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20 PPM ALIPHATIC HC STD



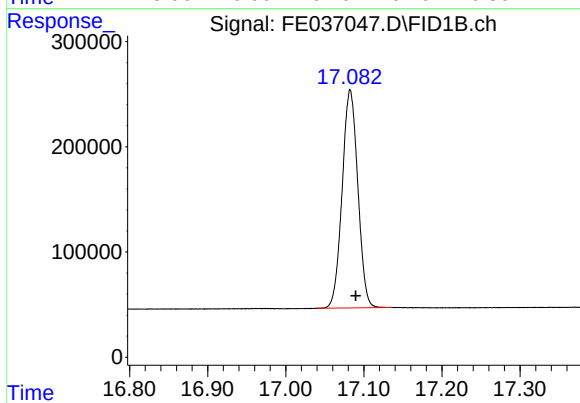
#14 n-Tetracosane (C24)

R.T.: 15.113 min
Delta R.T.: -0.004 min
Response: 3094944
Conc: 19.15 ug/ml



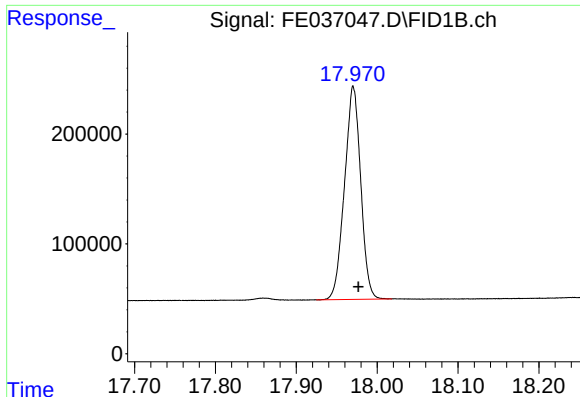
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.003 min
Response: 2996021
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

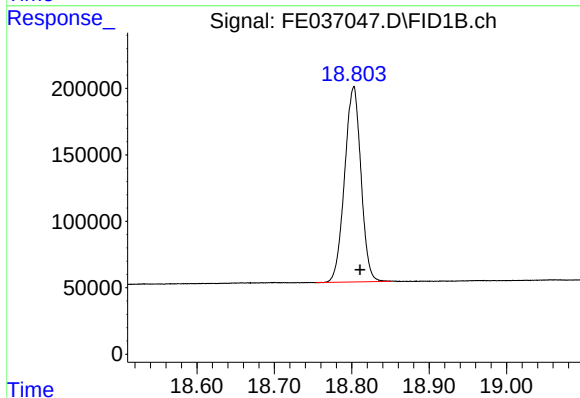
R.T.: 17.083 min
Delta R.T.: -0.007 min
Response: 2893766
Conc: 18.62 ug/ml



#17 n-Tricontane (C30)

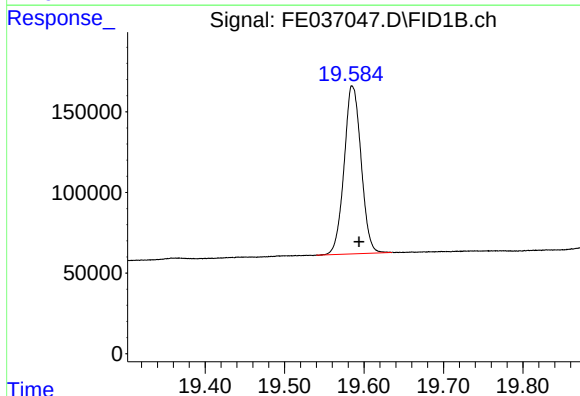
R.T.: 17.970 min
Delta R.T.: -0.007 min
Response: 2696833
Conc: 18.49 ug/ml

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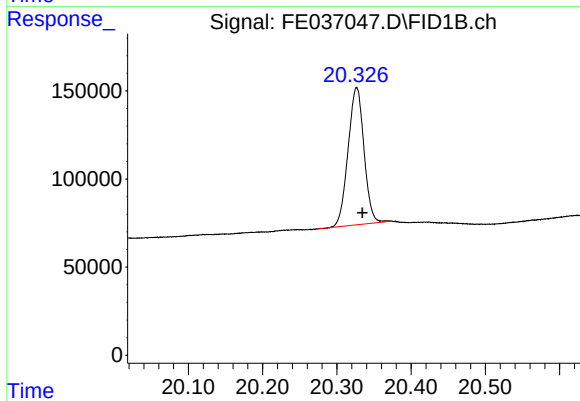
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.008 min
Response: 2152227
Conc: 18.52 ug/ml



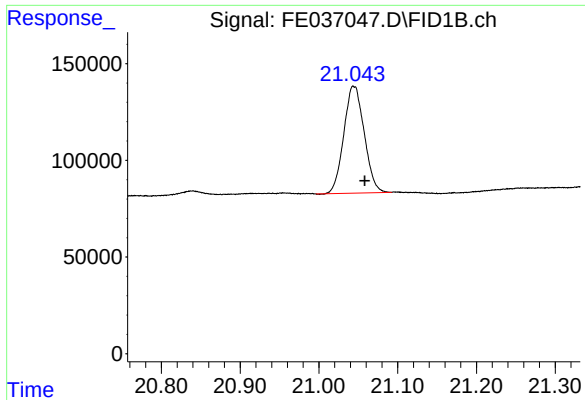
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min
Delta R.T.: -0.008 min
Response: 1545946
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

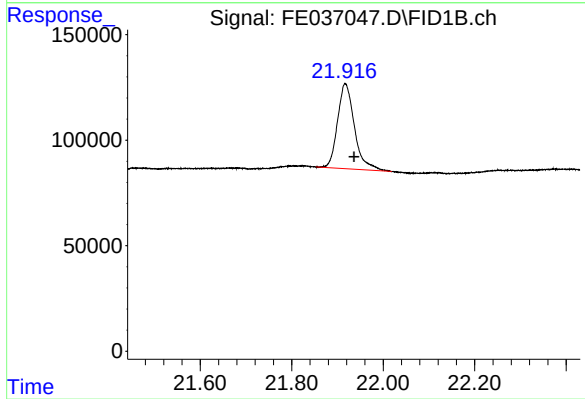
R.T.: 20.327 min
Delta R.T.: -0.008 min
Response: 1156542
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: -0.014 min
Response: 995783
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.020 min
Response: 1036308
Conc: 21.53 ug/ml