

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081622AL\
 Data File : FE037081.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2022 11:45
 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: Aug 17 05:58:38 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)	11.815	3591306	19.525 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.253	2834613	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.208	3078442	20.029 ug/ml
2) T n-Decane (C10)	4.462	3086318	20.193 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3342252	20.313 ug/ml
4) T n-Dodecane (C12)	6.631	3165861	20.271 ug/ml
5) T A~2-methylnaphthalene...	7.258	3296383	20.310 ug/ml
6) T n-Tetradecane (C14)	8.456	3183532	20.145 ug/ml
7) T n-Hexadecane (C16)	10.062	3183697	20.018 ug/ml
8) T n-Octadecane (C18)	11.504	3246154	19.772 ug/ml
10) T n-Eicosane (C20)	12.811	3206957	19.534 ug/ml
11) T n-Heneicosane (C21)	13.421	3200363	19.473 ug/ml
13) T n-Docosane (C22)	14.007	3154765	19.389 ug/ml
14) T n-Tetracosane (C24)	15.109	3100217	19.182 ug/ml
15) T n-Hexacosane (C26)	16.128	2995989	18.887 ug/ml
16) T n-Octacosane (C28)	17.078	2905757	18.695 ug/ml
17) T n-Tricontane (C30)	17.964	2724521	18.682 ug/ml
18) T n-Dotriacontane (C32)	18.797	2194126	18.881 ug/ml
19) T n-Tetratriacontane (C34)	19.579	1582993	19.210 ug/ml
20) T n-Hexatriacontane (C36)	20.319	1186005	19.632 ug/ml
21) T n-Octatriacontane (C38)	21.039	1019455	19.989 ug/ml
22) T n-Tetracontane (C40)	21.908	959017	19.925 ug/ml

(f)=RT Delta > 1/2 Window

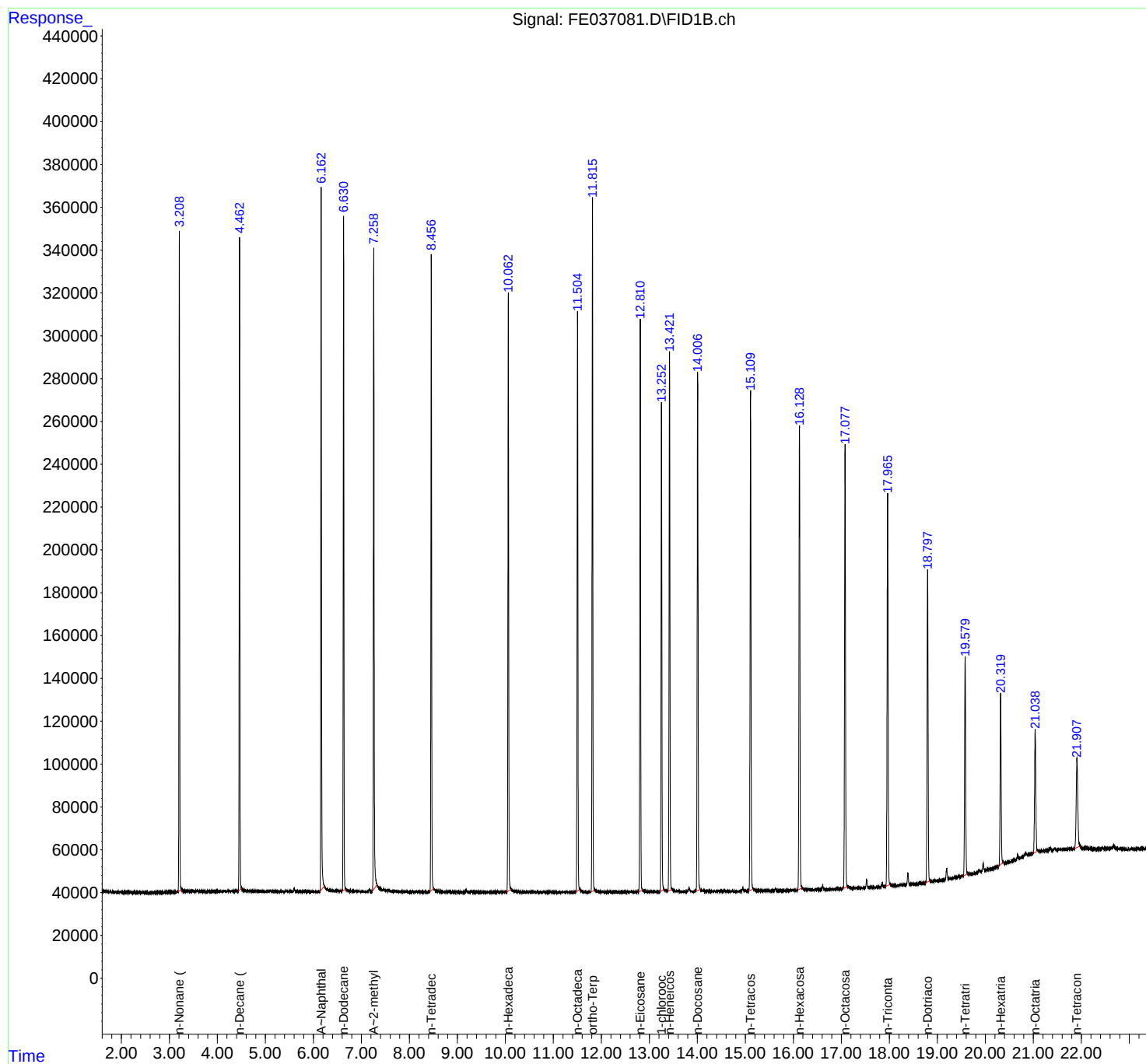
(m)=manual int.

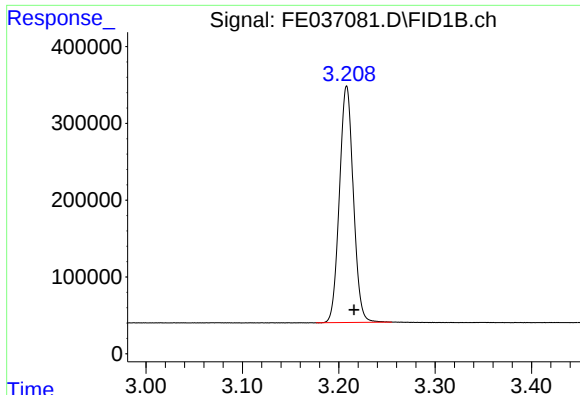
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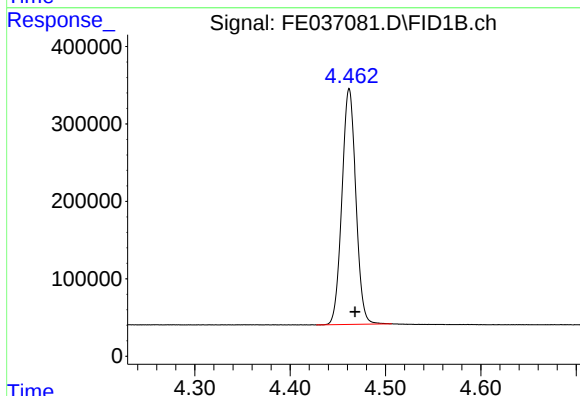




#1 n-Nonane (C9)

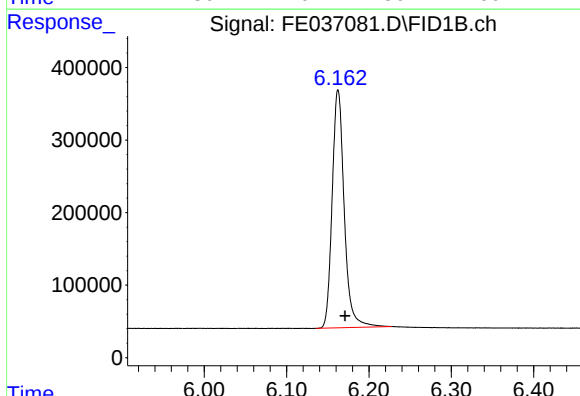
R.T.: 3.208 min
Delta R.T.: -0.008 min
Response: 3078442
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



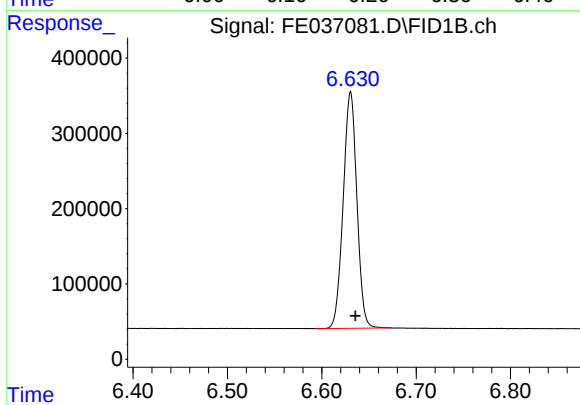
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.006 min
Response: 3086318
Conc: 20.19 ug/ml



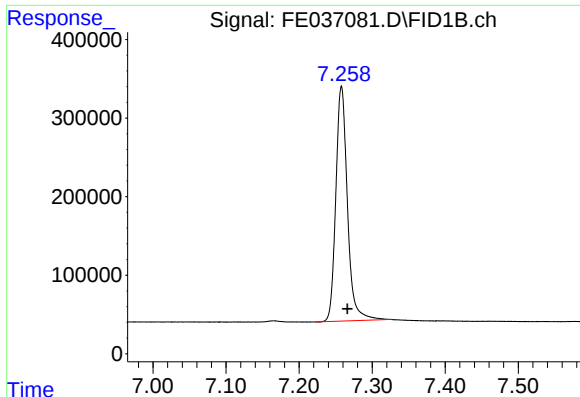
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.009 min
Response: 3342252
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

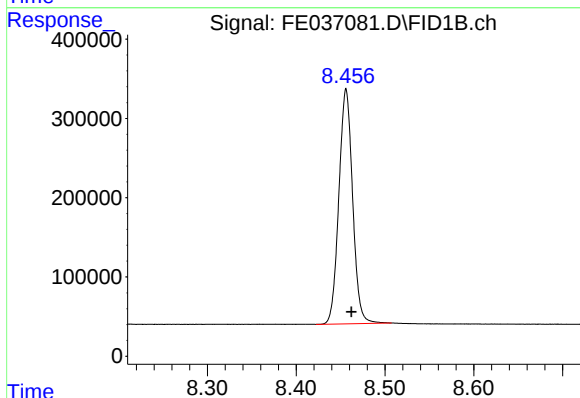
R.T.: 6.631 min
Delta R.T.: -0.005 min
Response: 3165861
Conc: 20.27 ug/ml



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

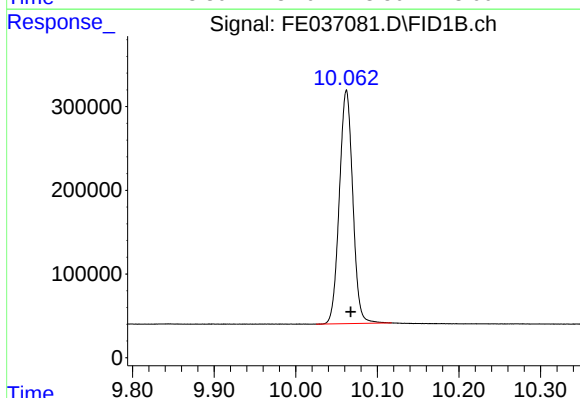
R.T.: 7.258 min
Delta R.T.: -0.008 min
Response: 3296383
Conc: 20.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



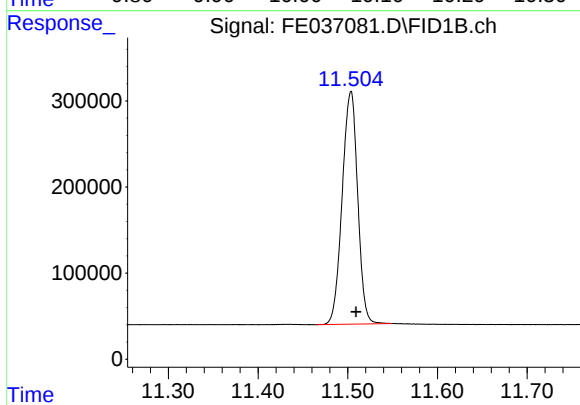
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 3183532
Conc: 20.15 ug/ml



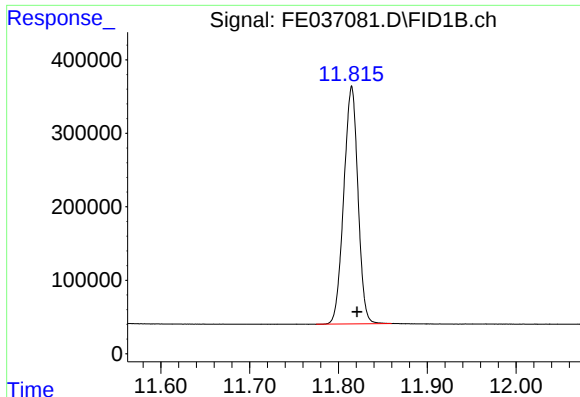
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.005 min
Response: 3183697
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

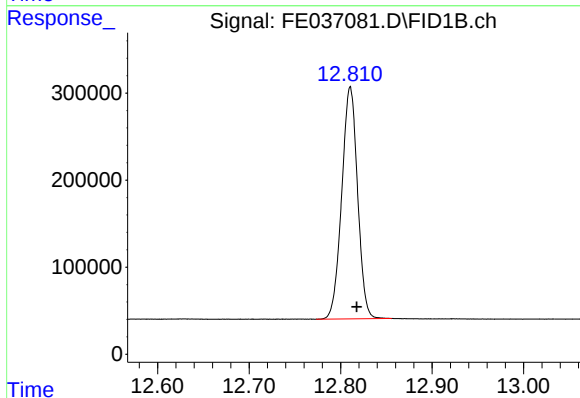
R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 3246154
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

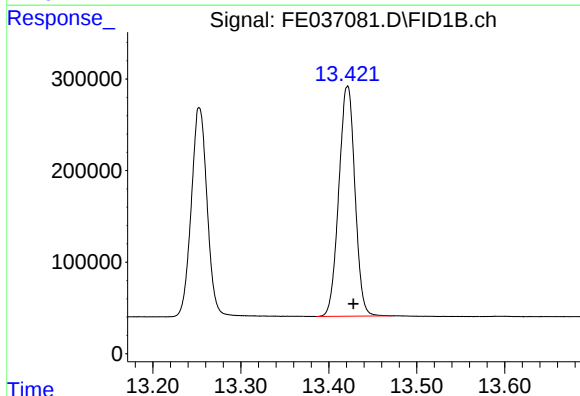
R.T.: 11.815 min
Delta R.T.: -0.006 min
Response: 3591306
Conc: 19.52 ug/ml

Instrument :
FID_E
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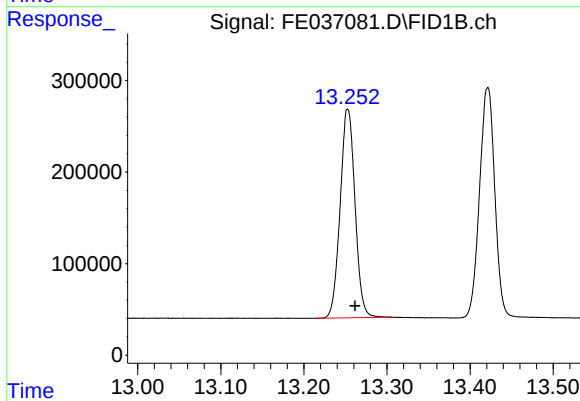
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.007 min
Response: 3206957
Conc: 19.53 ug/ml



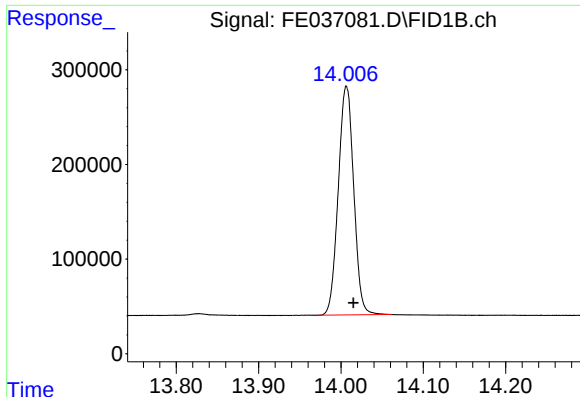
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.007 min
Response: 3200363
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

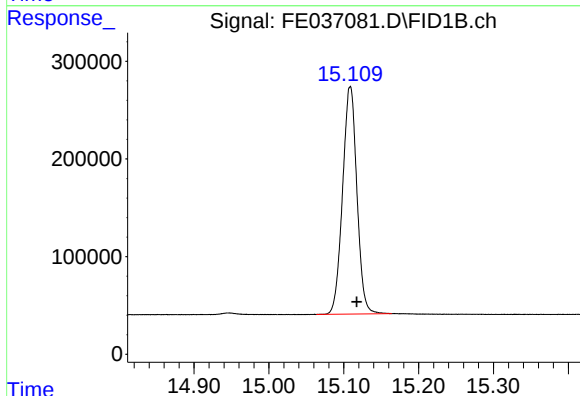
R.T.: 13.253 min
Delta R.T.: -0.009 min
Response: 2834613
Conc: 19.42 ug/ml



#13 n-Docosane (C22)

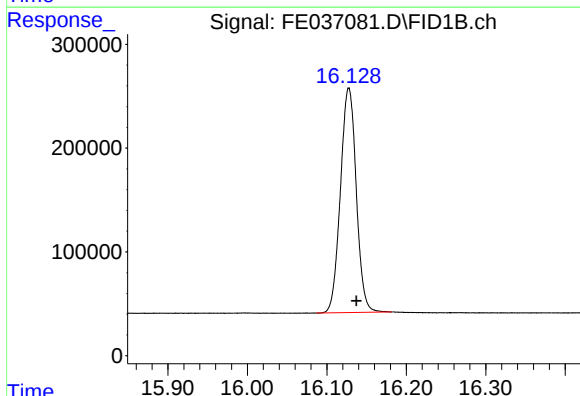
R.T.: 14.007 min
Delta R.T.: -0.008 min
Response: 3154765
Conc: 19.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



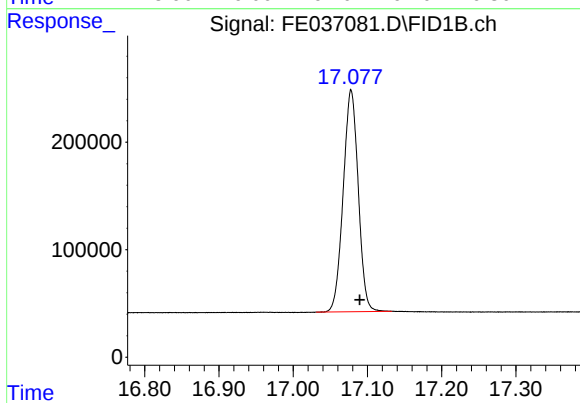
#14 n-Tetracosane (C24)

R.T.: 15.109 min
Delta R.T.: -0.009 min
Response: 3100217
Conc: 19.18 ug/ml



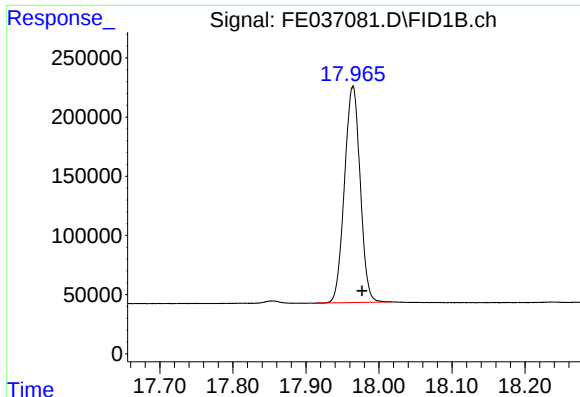
#15 n-Hexacosane (C26)

R.T.: 16.128 min
Delta R.T.: -0.010 min
Response: 2995989
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

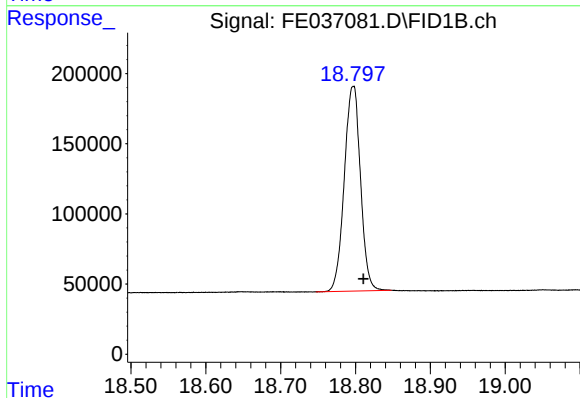
R.T.: 17.078 min
Delta R.T.: -0.012 min
Response: 2905757
Conc: 18.69 ug/ml



#17 n-Tricontane (C30)

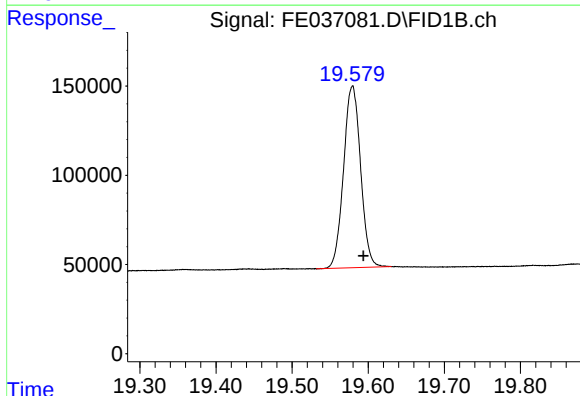
R.T.: 17.964 min
Delta R.T.: -0.013 min
Response: 2724521
Conc: 18.68 ug/ml

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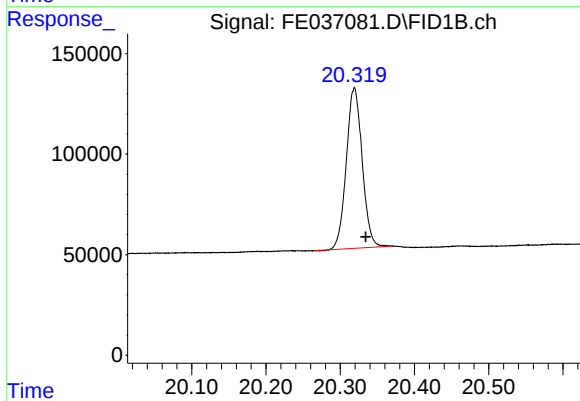
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.013 min
Response: 2194126
Conc: 18.88 ug/ml



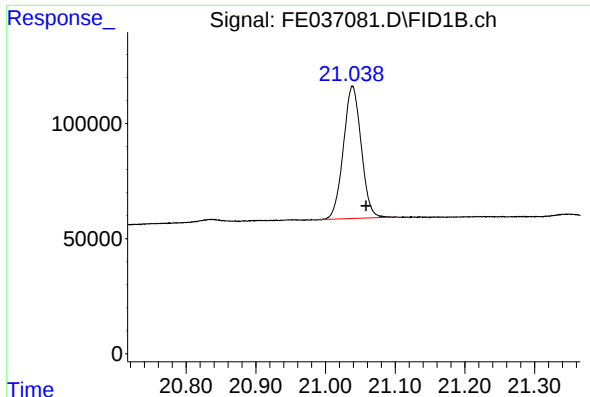
#19 n-Tetratriacontane (C34)

R.T.: 19.579 min
Delta R.T.: -0.014 min
Response: 1582993
Conc: 19.21 ug/ml



#20 n-Hexatriacontane (C36)

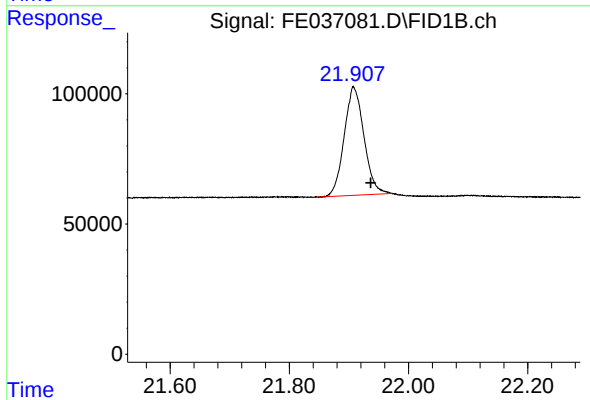
R.T.: 20.319 min
Delta R.T.: -0.015 min
Response: 1186005
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.039 min
Delta R.T.: -0.020 min
Response: 1019455
Conc: 19.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.029 min
Response: 959017
Conc: 19.92 ug/ml