

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081922AL\
 Data File : FE037184.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2022 06:43
 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 19 16:22:31 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)	11.810	3434568	18.673 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	13.249	2695123	18.466 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	3.207	3126340	20.340 ug/ml
2) T n-Decane (C10)	4.459	3137336	20.527 ug/ml
3) T A~Naphthalene (C11.7)	6.159	3312206	20.130 ug/ml
4) T n-Dodecane (C12)	6.627	3169358	20.293 ug/ml
5) T A~2-methylnaphthalene...	7.255	3252953	20.043 ug/ml
6) T n-Tetradecane (C14)	8.453	3153369	19.954 ug/ml
7) T n-Hexadecane (C16)	10.057	3137589	19.728 ug/ml
8) T n-Octadecane (C18)	11.499	3171590	19.318 ug/ml
10) T n-Eicosane (C20)	12.805	3090114	18.822 ug/ml
11) T n-Heneicosane (C21)	13.416	3062571	18.635 ug/ml
13) T n-Docosane (C22)	14.002	3002300	18.452 ug/ml
14) T n-Tetracosane (C24)	15.104	2915917	18.041 ug/ml
15) T n-Hexacosane (C26)	16.124	2813151	17.735 ug/ml
16) T n-Octacosane (C28)	17.073	2771662	17.832 ug/ml
17) T n-Tricontane (C30)	17.959	2715476	18.620 ug/ml
18) T n-Dotriacontane (C32)	18.792	2293058	19.732 ug/ml
19) T n-Tetratriacontane (C34)	19.575	1701706	20.650 ug/ml
20) T n-Hexatriacontane (C36)	20.314	1296631	21.463 ug/ml
21) T n-Octatriacontane (C38)	21.034	1122341	22.007 ug/ml
22) T n-Tetracontane (C40)	21.903	1081063	22.460 ug/ml

(f)=RT Delta > 1/2 Window

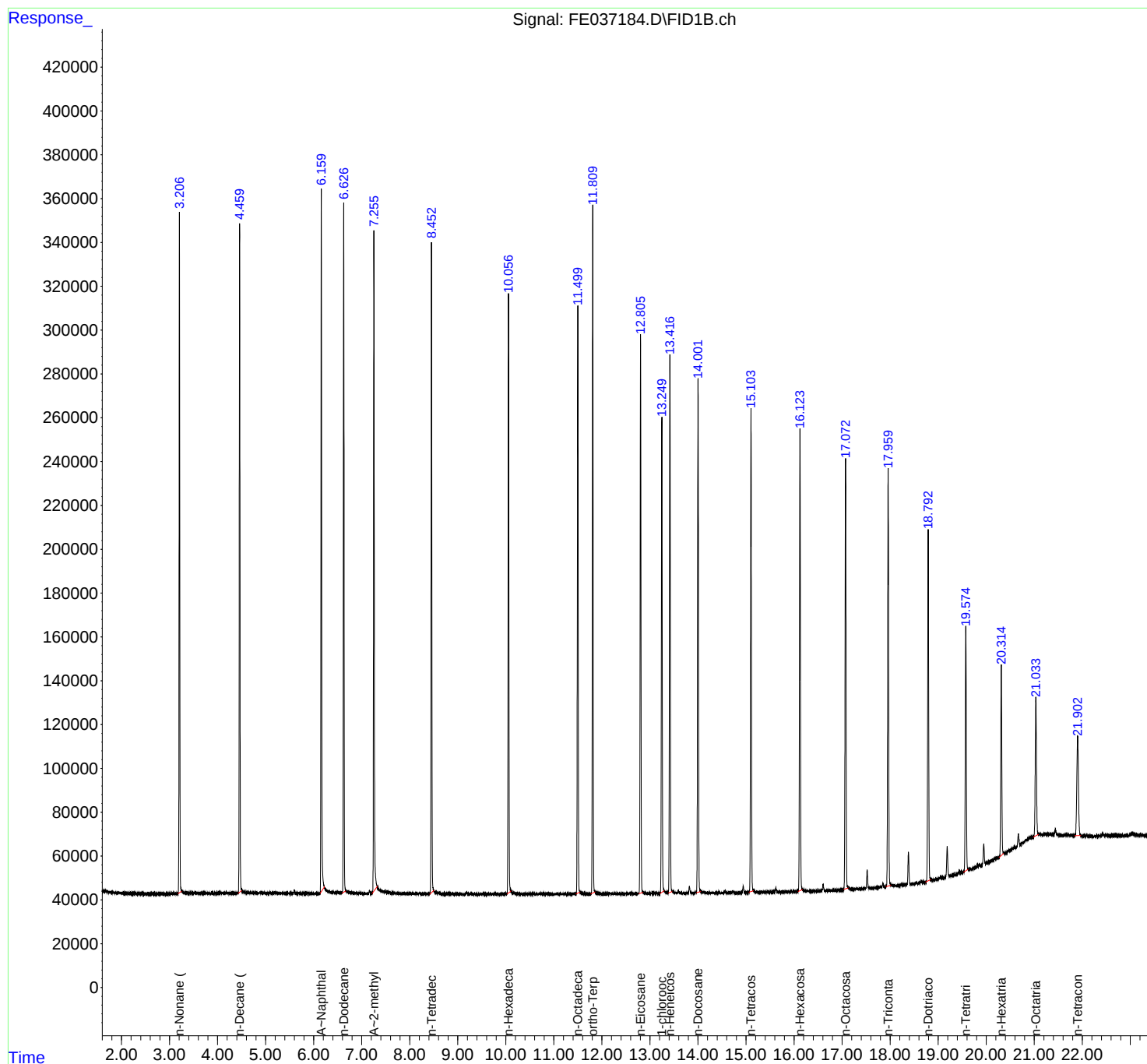
(m)=manual int.

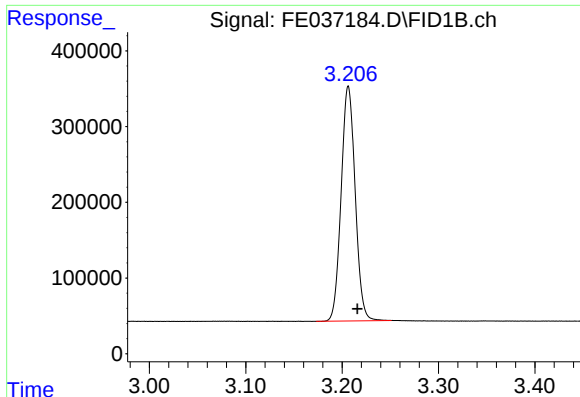
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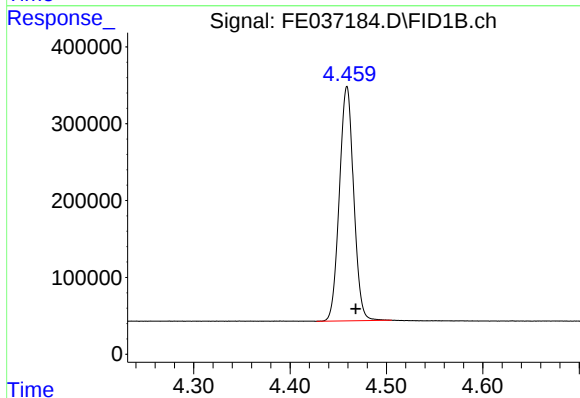




#1 n-Nonane (C9)

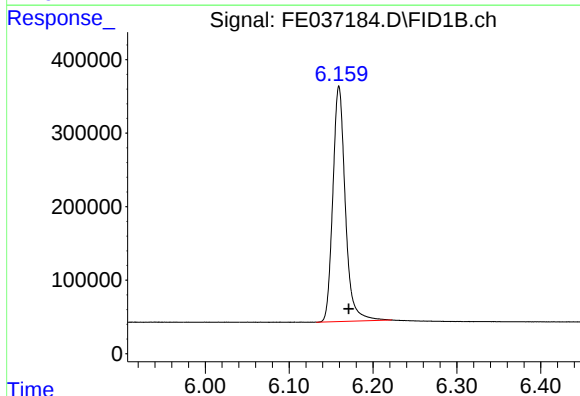
R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 3126340
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



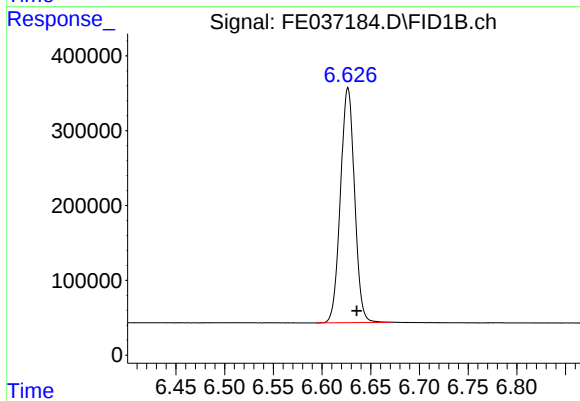
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.009 min
Response: 3137336
Conc: 20.53 ug/ml



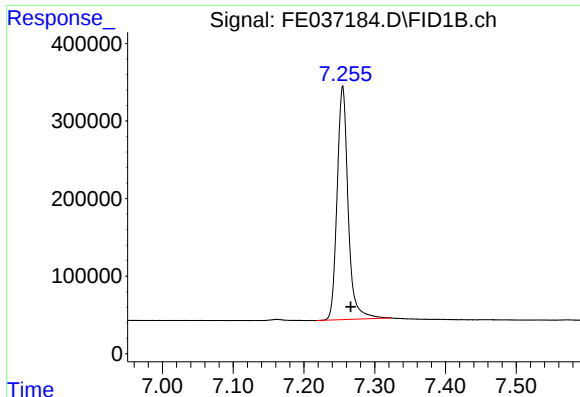
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.012 min
Response: 3312206
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

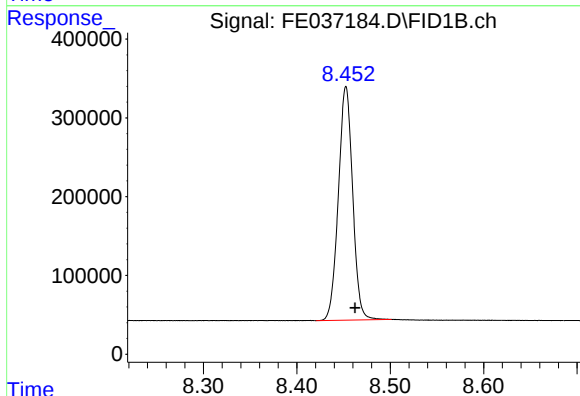
R.T.: 6.627 min
Delta R.T.: -0.009 min
Response: 3169358
Conc: 20.29 ug/ml



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

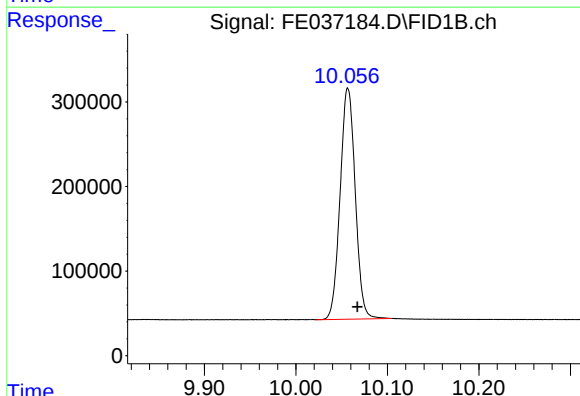
R.T.: 7.255 min
Delta R.T.: -0.011 min
Response: 3252953
Conc: 20.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



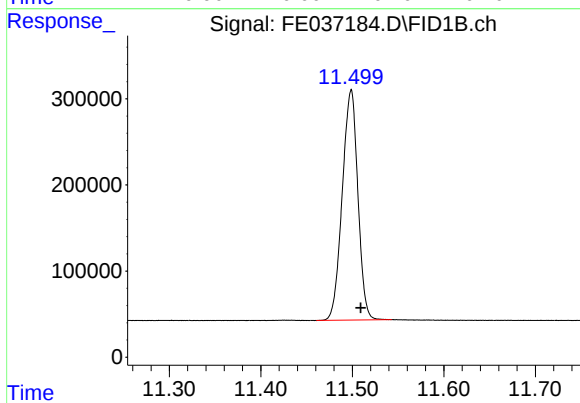
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.010 min
Response: 3153369
Conc: 19.95 ug/ml



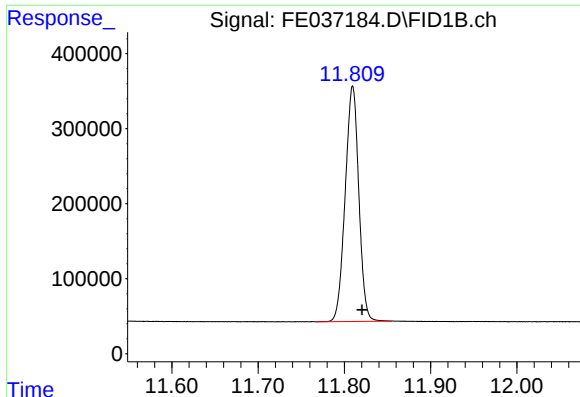
#7 n-Hexadecane (C16)

R.T.: 10.057 min
Delta R.T.: -0.011 min
Response: 3137589
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

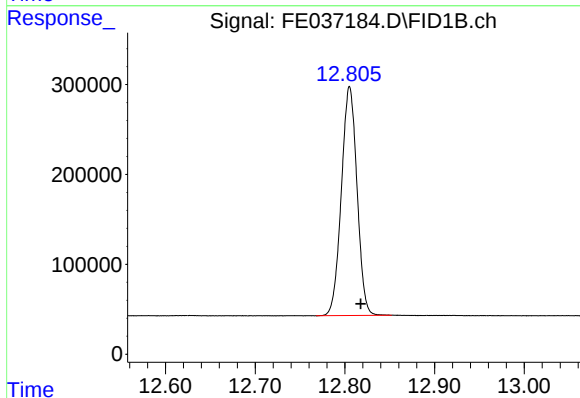
R.T.: 11.499 min
Delta R.T.: -0.010 min
Response: 3171590
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

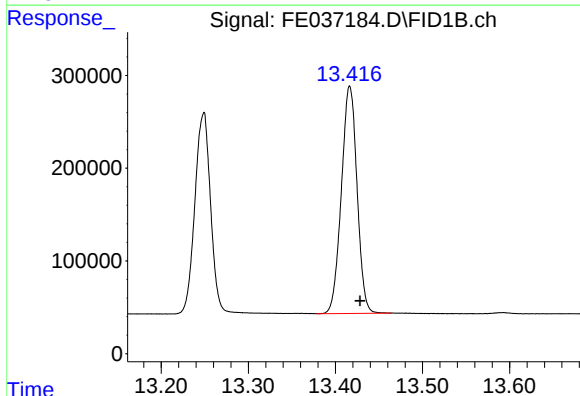
R.T.: 11.810 min
Delta R.T.: -0.011 min
Response: 3434568
Conc: 18.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



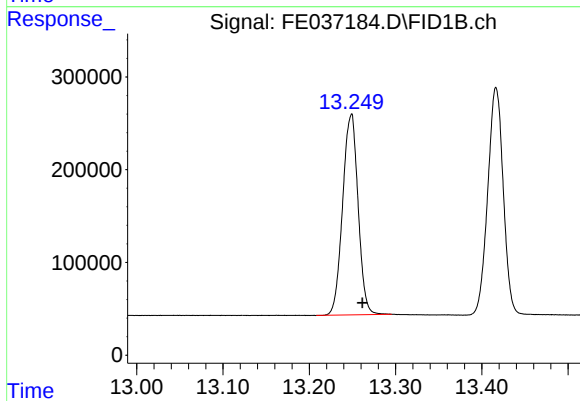
#10 n-Eicosane (C20)

R.T.: 12.805 min
Delta R.T.: -0.012 min
Response: 3090114
Conc: 18.82 ug/ml



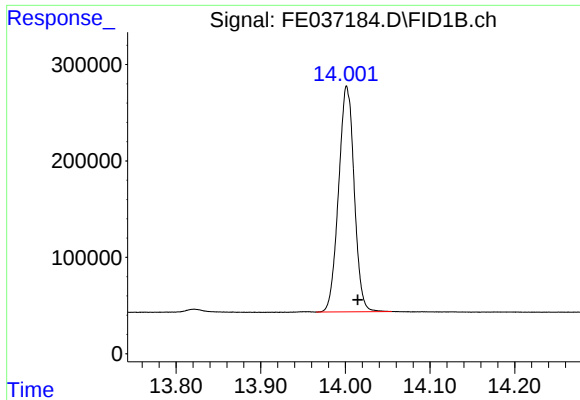
#11 n-Heneicosane (C21)

R.T.: 13.416 min
Delta R.T.: -0.012 min
Response: 3062571
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

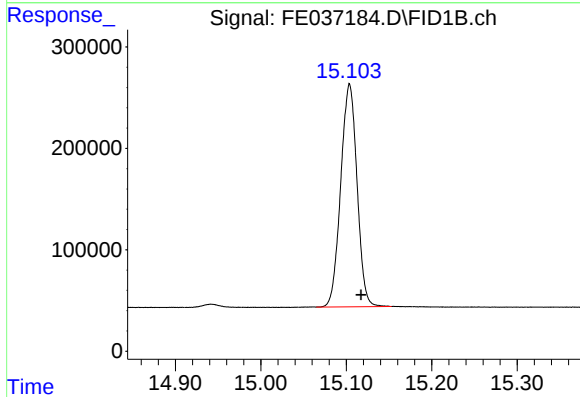
R.T.: 13.249 min
Delta R.T.: -0.013 min
Response: 2695123
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

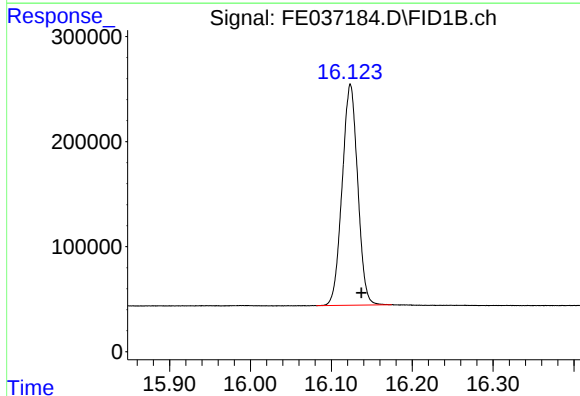
R.T.: 14.002 min
Delta R.T.: -0.013 min
Response: 3002300
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



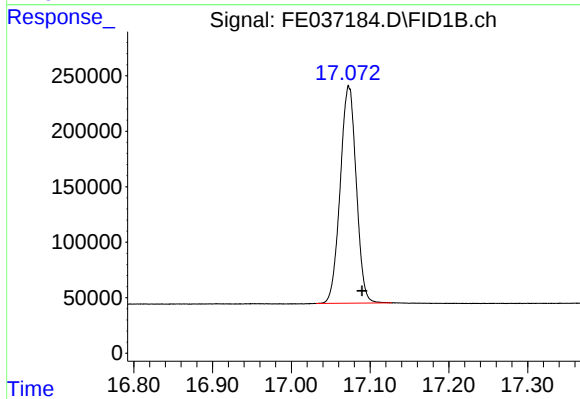
#14 n-Tetracosane (C24)

R.T.: 15.104 min
Delta R.T.: -0.013 min
Response: 2915917
Conc: 18.04 ug/ml



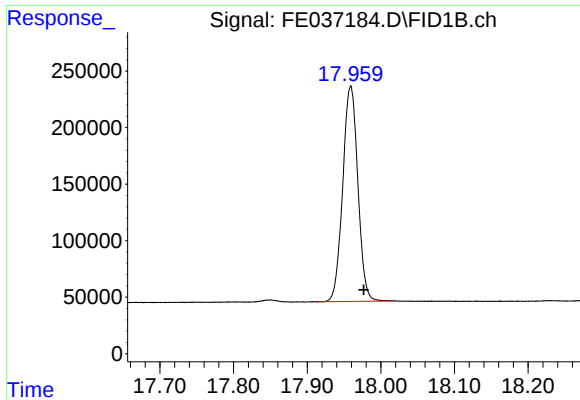
#15 n-Hexacosane (C26)

R.T.: 16.124 min
Delta R.T.: -0.014 min
Response: 2813151
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

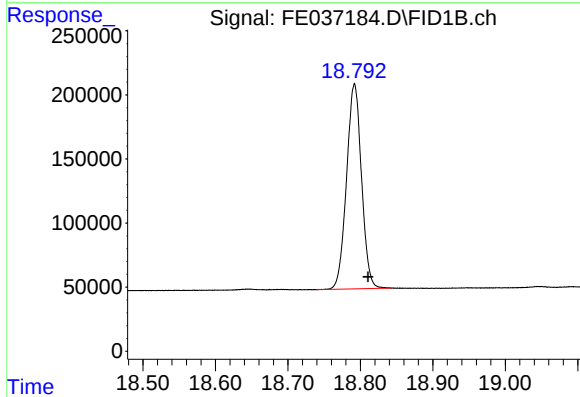
R.T.: 17.073 min
Delta R.T.: -0.017 min
Response: 2771662
Conc: 17.83 ug/ml



#17 n-Tricontane (C30)

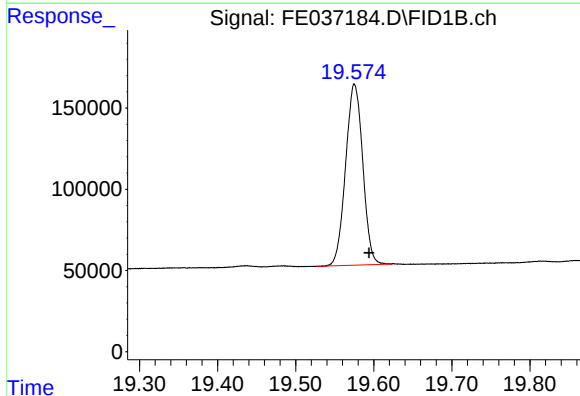
R.T.: 17.959 min
Delta R.T.: -0.018 min
Response: 2715476
Conc: 18.62 ug/ml

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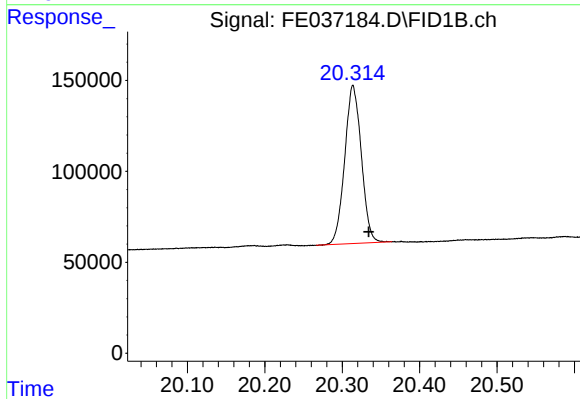
#18 n-Dotriacontane (C32)

R.T.: 18.792 min
Delta R.T.: -0.019 min
Response: 2293058
Conc: 19.73 ug/ml



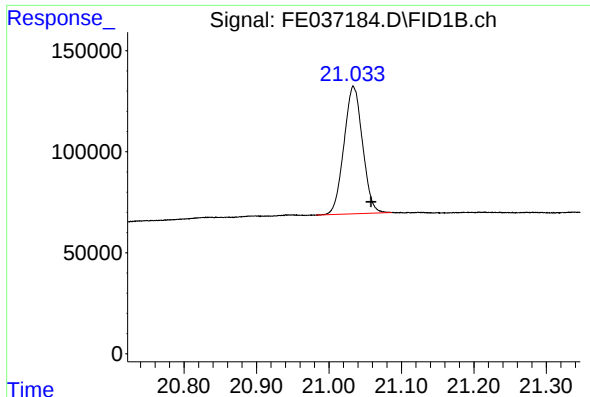
#19 n-Tetratriacontane (C34)

R.T.: 19.575 min
Delta R.T.: -0.019 min
Response: 1701706
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

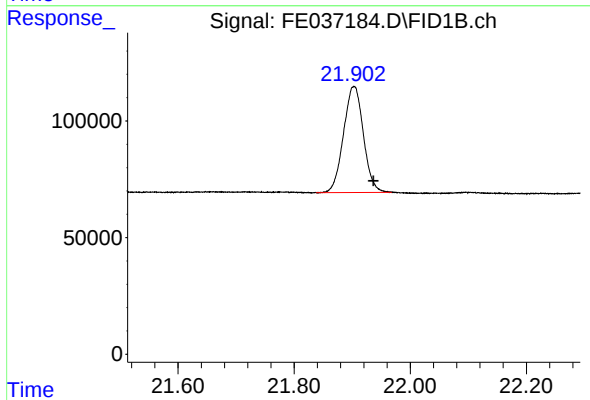
R.T.: 20.314 min
Delta R.T.: -0.021 min
Response: 1296631
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.034 min
Delta R.T.: -0.025 min
Response: 1122341
Conc: 22.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: -0.033 min
Response: 1081063
Conc: 22.46 ug/ml