

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622AL\
 Data File : FE038370.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2022 20:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 28 04:52:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.979	3162739	18.380 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
12) S 1-chlorooctadecane (S...	13.410	2465604	18.010 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
Target Compounds			
1) T n-Nonane (C9)	3.376	2962620	19.236 ug/ml
2) T n-Decane (C10)	4.623	2998264	19.316 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3254911	19.220 ug/ml
4) T n-Dodecane (C12)	6.784	3019568	19.329 ug/ml
5) T A~2-methylnaphthalene...	7.419	3191123	19.042 ug/ml
6) T n-Tetradecane (C14)	8.610	3006265	19.223 ug/ml
7) T n-Hexadecane (C16)	10.216	2997477	18.973 ug/ml
8) T n-Octadecane (C18)	11.657	2997085	18.711 ug/ml
10) T n-Eicosane (C20)	12.964	2957956	18.358 ug/ml
11) T n-Heneicosane (C21)	13.576	2939025	18.194 ug/ml
13) T n-Docosane (C22)	14.161	2910203	18.026 ug/ml
14) T n-Tetracosane (C24)	15.263	2837455	17.690 ug/ml
15) T n-Hexacosane (C26)	16.283	2749007	17.307 ug/ml
16) T n-Octacosane (C28)	17.231	2656060	16.929 ug/ml
17) T n-Tricontane (C30)	18.118	2644764	16.576 ug/ml
18) T n-Dotriacontane (C32)	18.950	2635142	16.713 ug/ml
19) T n-Tetratriacontane (C34)	19.732	2517876	17.079 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2576993	18.035 ug/ml
21) T n-Octatriacontane (C38)	21.214	2574815	19.064 ug/ml
22) T n-Tetracontane (C40)	22.145	2655465	21.037 ug/ml

(f)=RT Delta > 1/2 Window

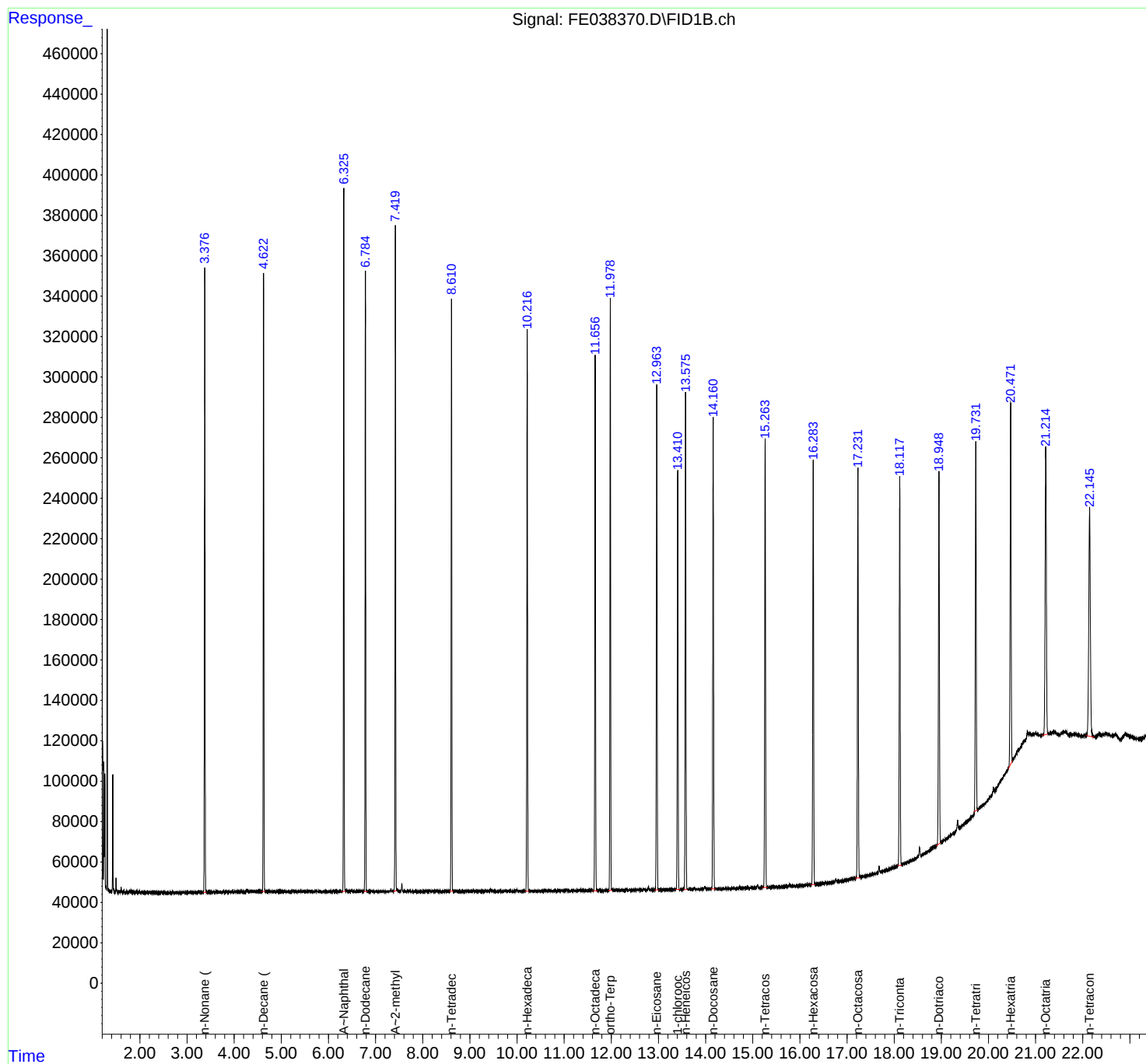
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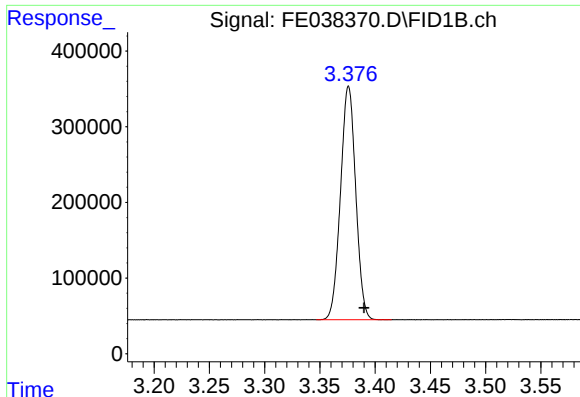
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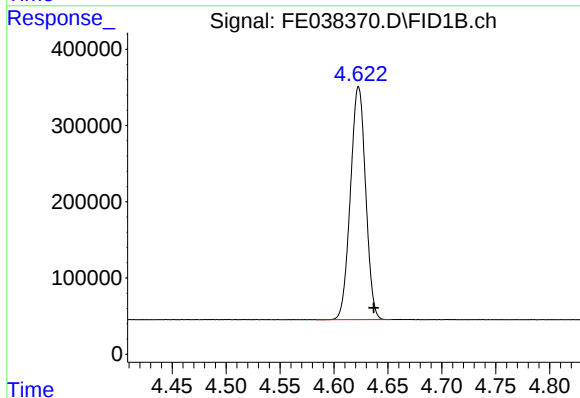




#1 n-Nonane (C9)

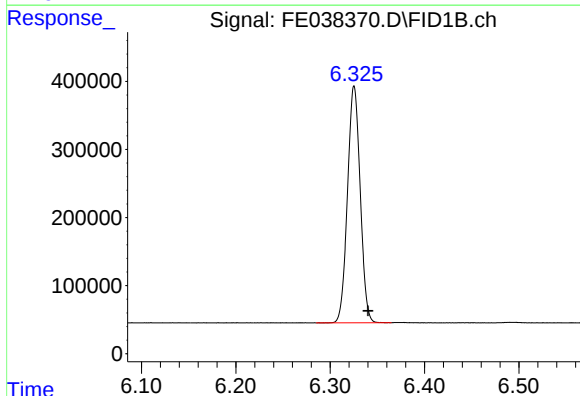
R.T.: 3.376 min
Delta R.T.: -0.014 min
Response: 2962620
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



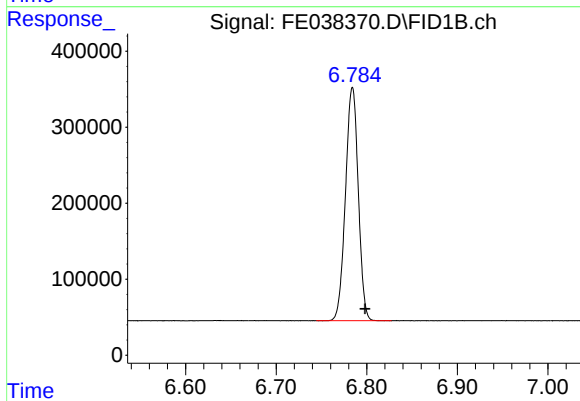
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.014 min
Response: 2998264
Conc: 19.32 ug/ml



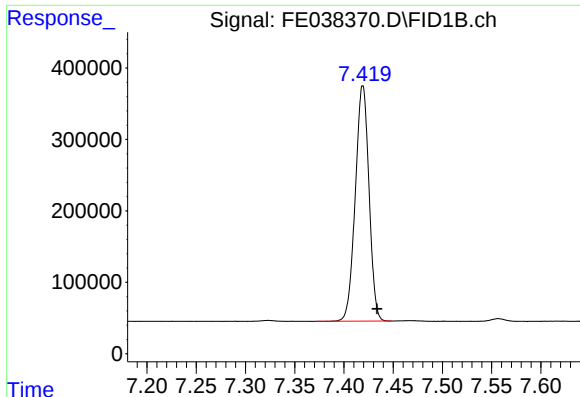
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: -0.015 min
Response: 3254911
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

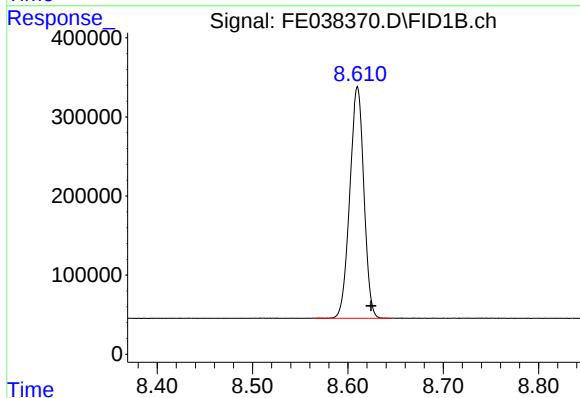
R.T.: 6.784 min
Delta R.T.: -0.014 min
Response: 3019568
Conc: 19.33 ug/ml



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

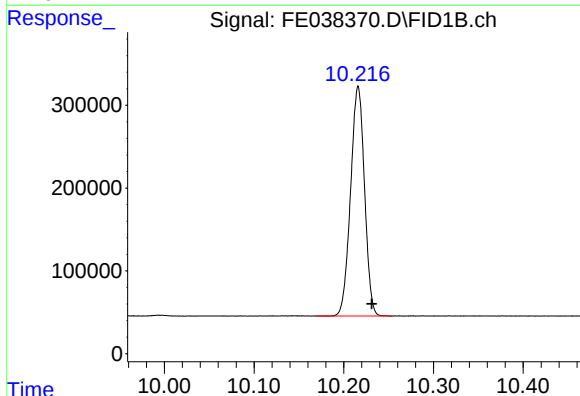
R.T.: 7.419 min
Delta R.T.: -0.014 min
Response: 3191123
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



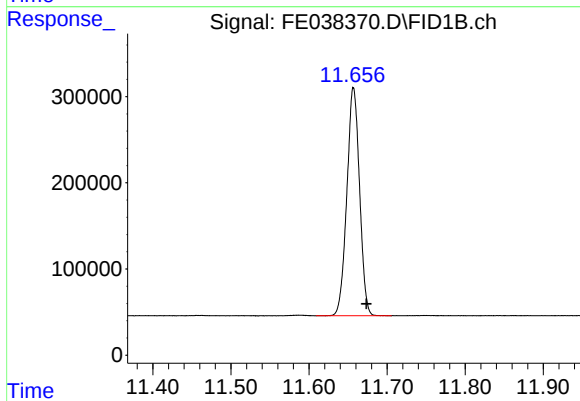
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: -0.014 min
Response: 3006265
Conc: 19.22 ug/ml



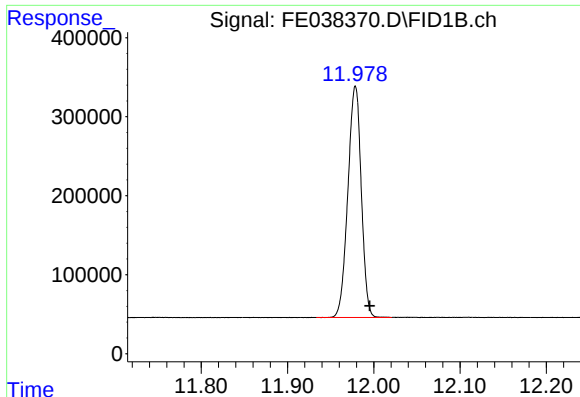
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.015 min
Response: 2997477
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

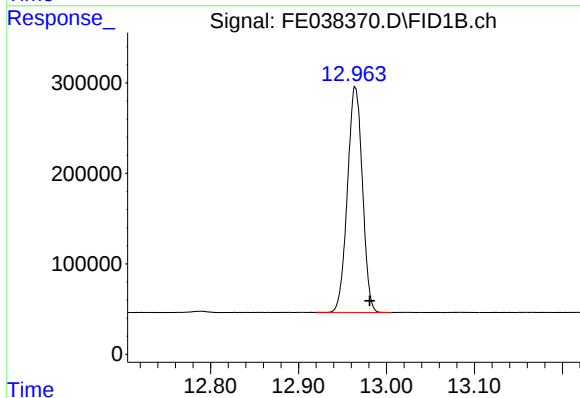
R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 2997085
Conc: 18.71 ug/ml



#9 ortho-Terphenyl (SURR)

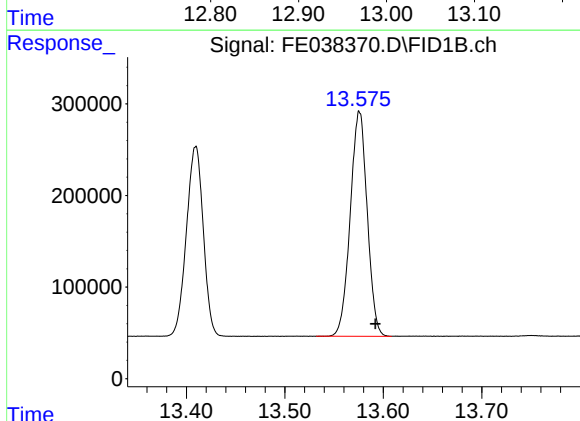
R.T.: 11.979 min
Delta R.T.: -0.017 min
Response: 3162739
Conc: 18.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



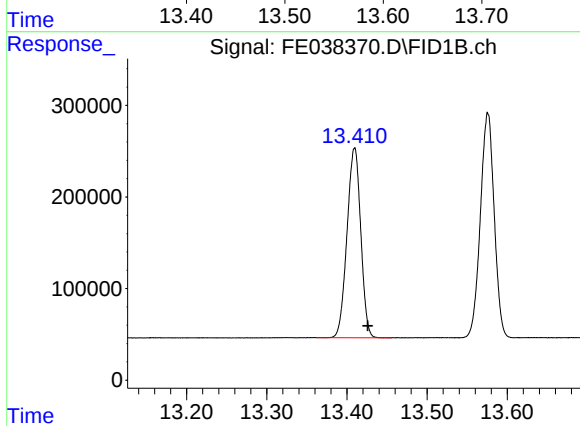
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.017 min
Response: 2957956
Conc: 18.36 ug/ml



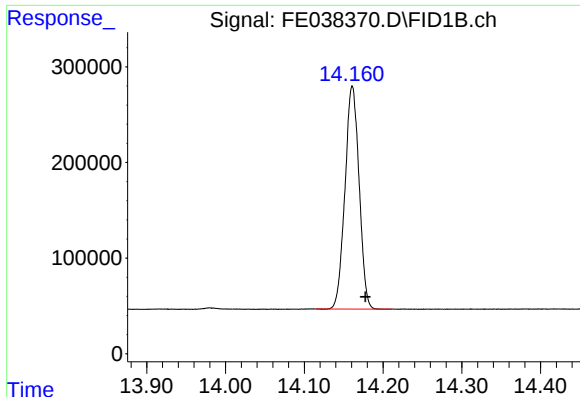
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.016 min
Response: 2939025
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

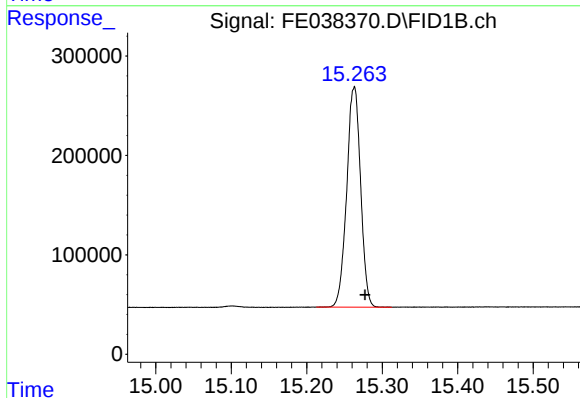
R.T.: 13.410 min
Delta R.T.: -0.016 min
Response: 2465604
Conc: 18.01 ug/ml



#13 n-Docosane (C22)

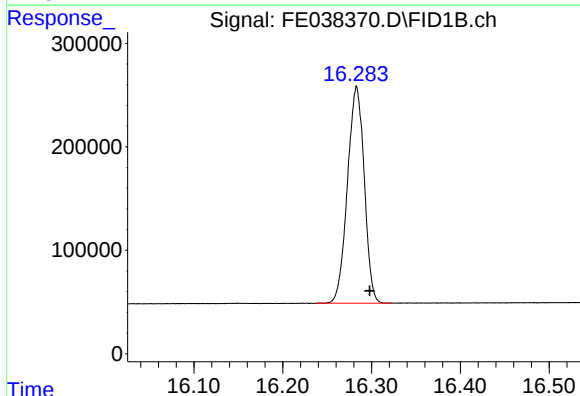
R.T.: 14.161 min
Delta R.T.: -0.017 min
Response: 2910203
Conc: 18.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



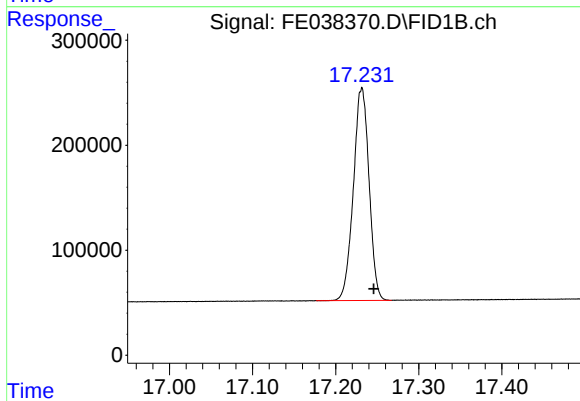
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.014 min
Response: 2837455
Conc: 17.69 ug/ml



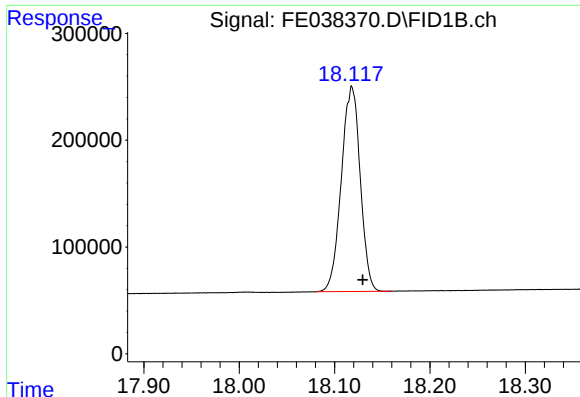
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.015 min
Response: 2749007
Conc: 17.31 ug/ml



#16 n-Octacosane (C28)

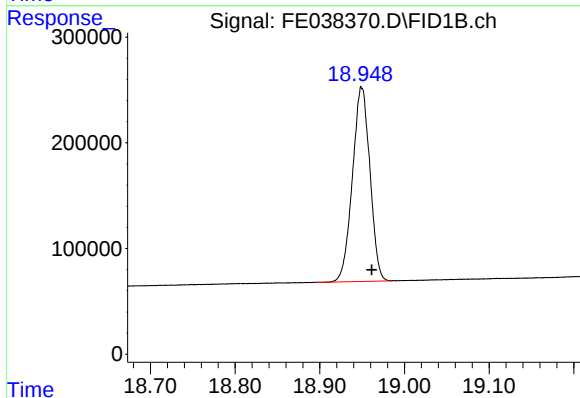
R.T.: 17.231 min
Delta R.T.: -0.015 min
Response: 2656060
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

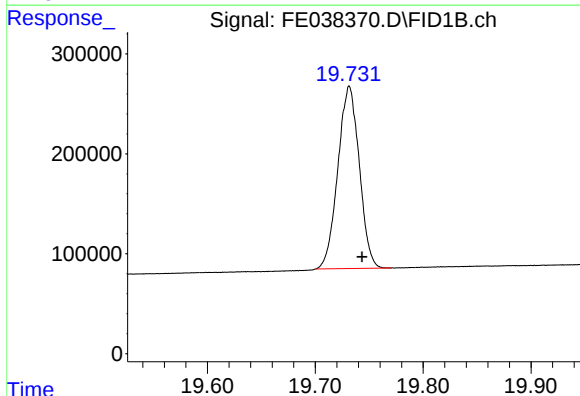
R.T.: 18.118 min
Delta R.T.: -0.011 min
Response: 2644764
Conc: 16.58 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



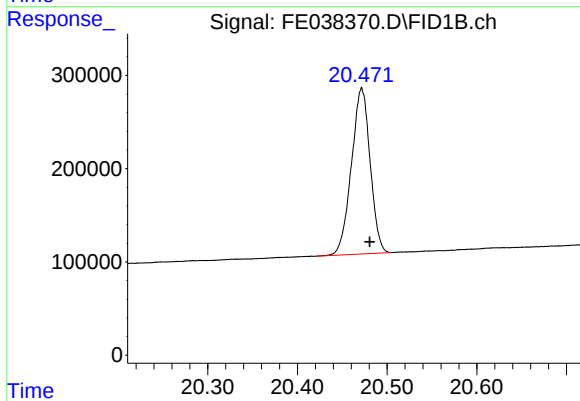
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.012 min
Response: 2635142
Conc: 16.71 ug/ml



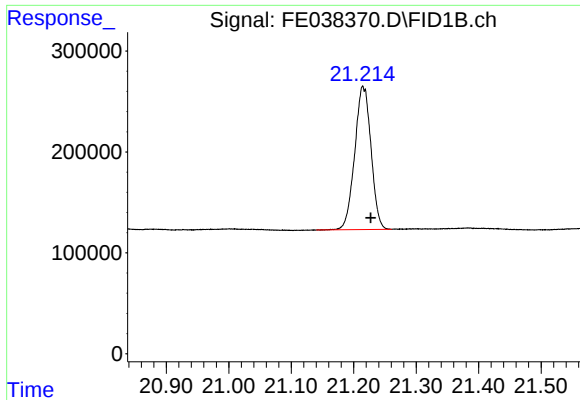
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.012 min
Response: 2517876
Conc: 17.08 ug/ml



#20 n-Hexatriacontane (C36)

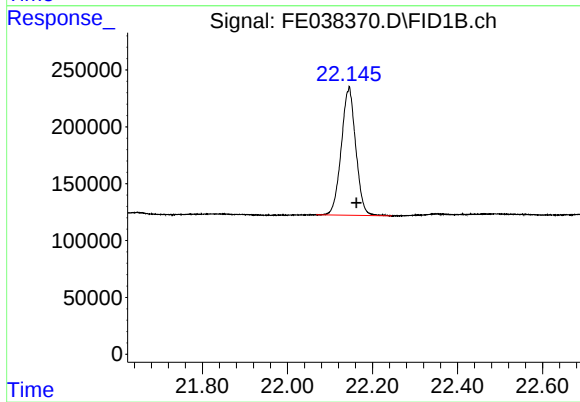
R.T.: 20.472 min
Delta R.T.: -0.009 min
Response: 2576993
Conc: 18.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.013 min
Response: 2574815
Conc: 19.06 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.017 min
Response: 2655465
Conc: 21.04 ug/ml