

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044577.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 11:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 00:16:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.918	3881707	20.676 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.358	2846756	20.925 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
Target Compounds			
1) T n-Nonane (C9)	3.299	3234568	19.923 ug/ml
2) T n-Decane (C10)	4.551	3302786	19.946 ug/ml
3) T A~Naphthalene (C11.7)	6.253	3552415	19.870 ug/ml
4) T n-Dodecane (C12)	6.716	3326637	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.349	3453365	20.185 ug/ml
6) T n-Tetradecane (C14)	8.544	3279516	19.977 ug/ml
7) T n-Hexadecane (C16)	10.156	3343256	19.735 ug/ml
8) T n-Octadecane (C18)	11.602	3368383	19.839 ug/ml
10) T n-Eicosane (C20)	12.914	3247483	20.185 ug/ml
11) T n-Heneicosane (C21)	13.527	3176244	20.284 ug/ml
13) T n-Docosane (C22)	14.114	3131352	20.303 ug/ml
14) T n-Tetracosane (C24)	15.219	3038414	20.100 ug/ml
15) T n-Hexacosane (C26)	16.241	2951656	20.066 ug/ml
16) T n-Octacosane (C28)	17.193	2921793	20.372 ug/ml
17) T n-Tricontane (C30)	18.080	3012723	20.324 ug/ml
18) T n-Dotriacontane (C32)	18.915	3053938	20.630 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2989151	20.454 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2961219	20.415 ug/ml
21) T n-Octatriacontane (C38)	21.183	3022462	20.178 ug/ml
22) T n-Tetracontane (C40)	22.104	3155028	19.992 ug/ml

(f)=RT Delta > 1/2 Window

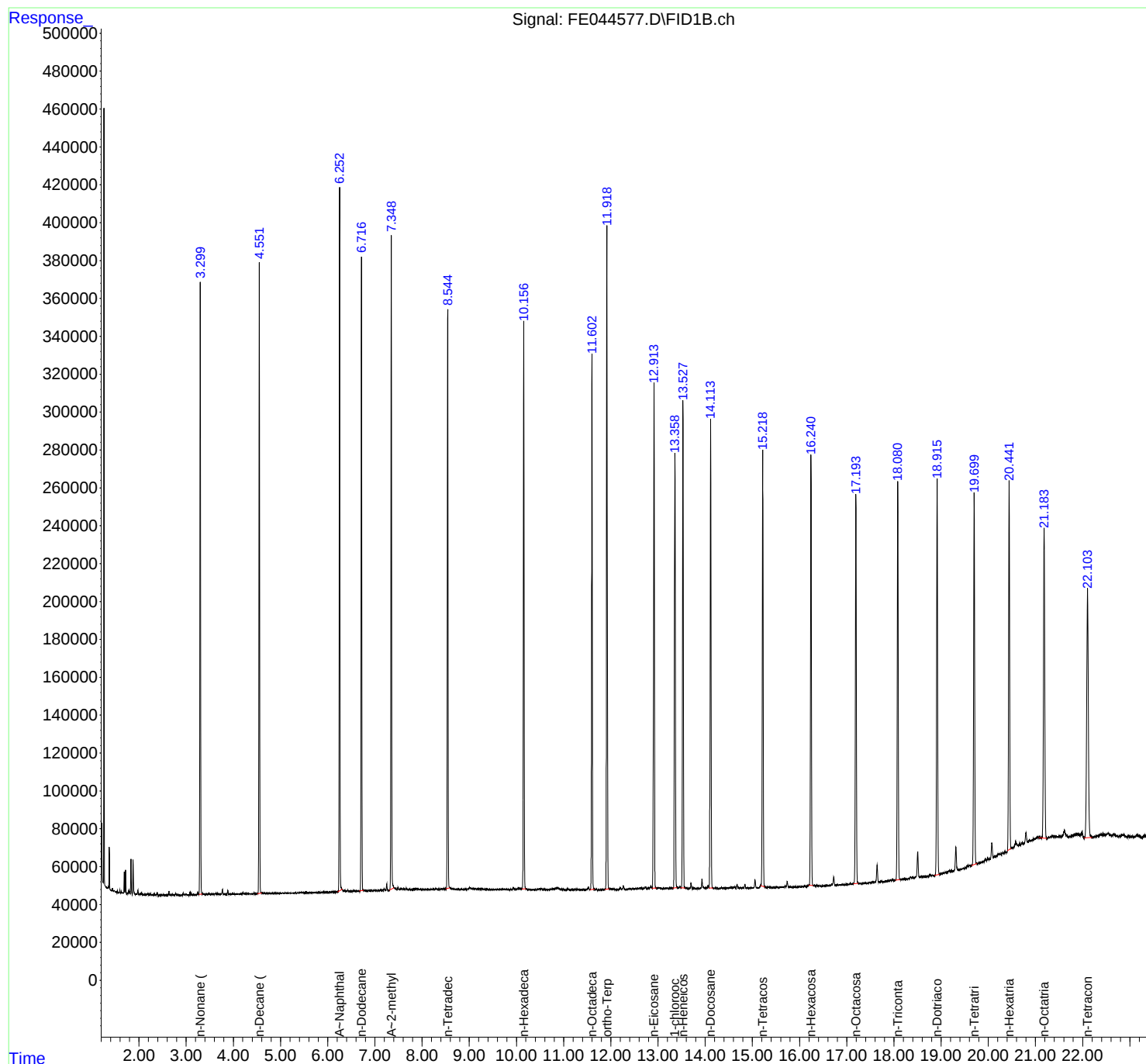
(m)=manual int.

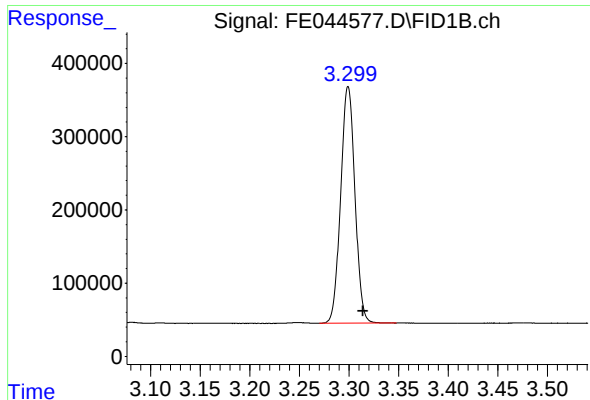
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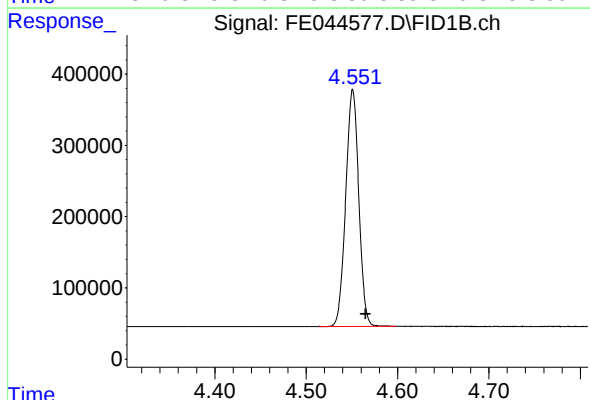




#1 n-Nonane (C9)

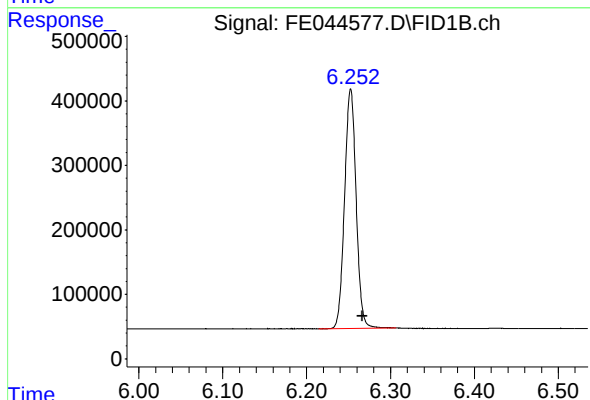
R.T.: 3.299 min
Delta R.T.: -0.015 min
Response: 3234568
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



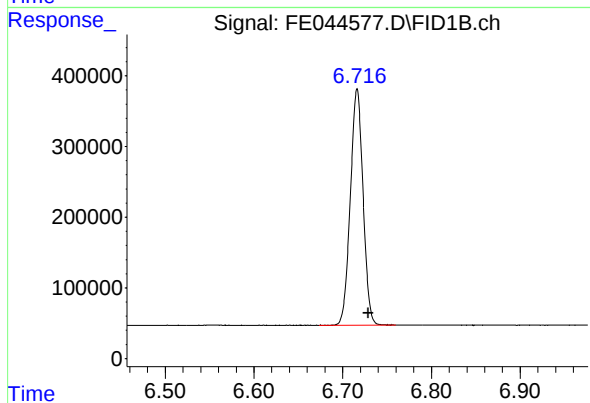
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.014 min
Response: 3302786
Conc: 19.95 ug/ml



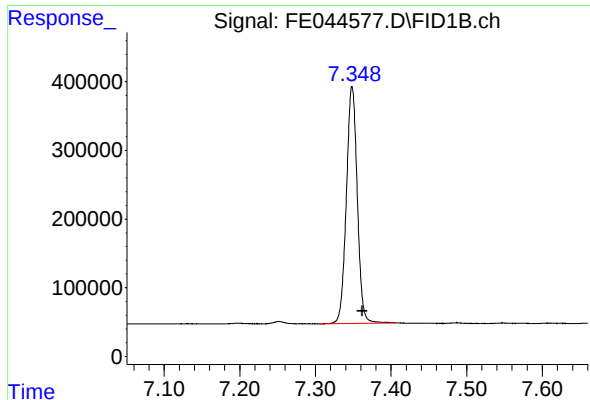
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.014 min
Response: 3552415
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

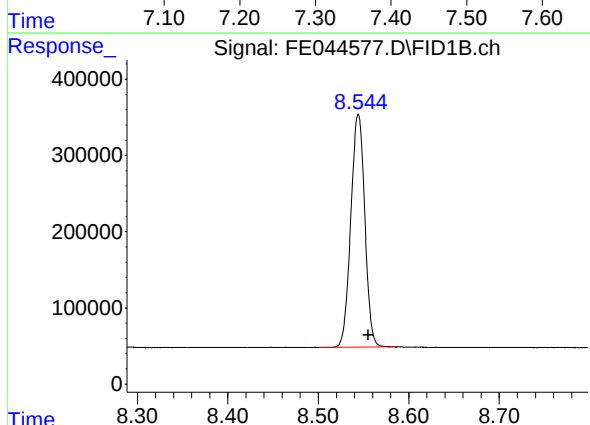
R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 3326637
Conc: 20.00 ug/ml



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

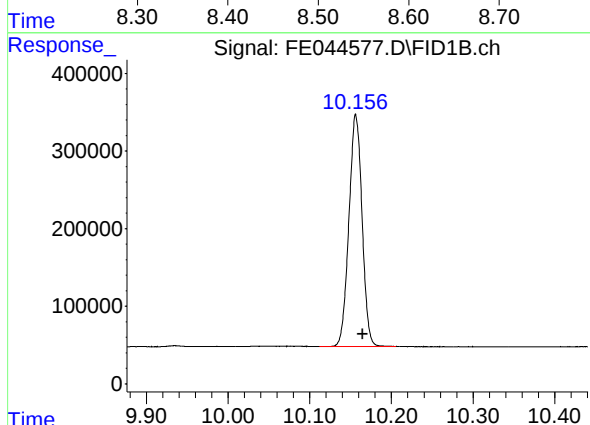
R.T.: 7.349 min
Delta R.T.: -0.013 min
Response: 3453365
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



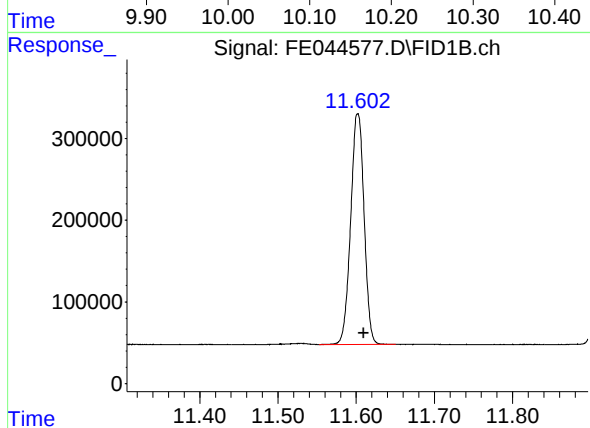
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: -0.011 min
Response: 3279516
Conc: 19.98 ug/ml



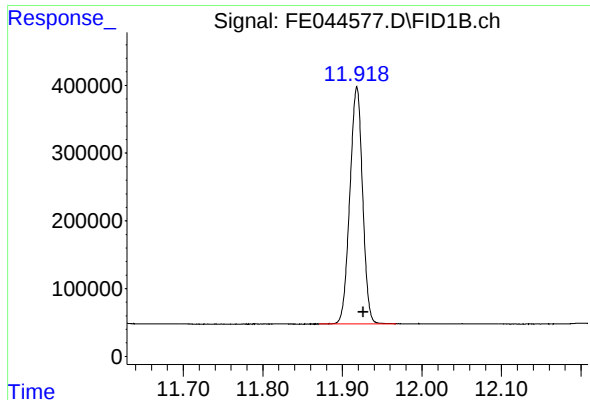
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.008 min
Response: 3343256
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

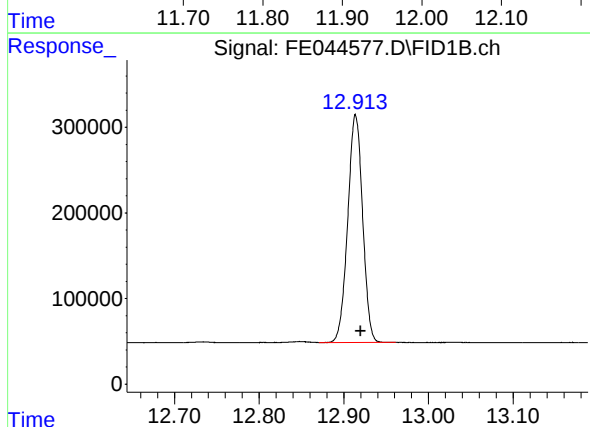
R.T.: 11.602 min
Delta R.T.: -0.007 min
Response: 3368383
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

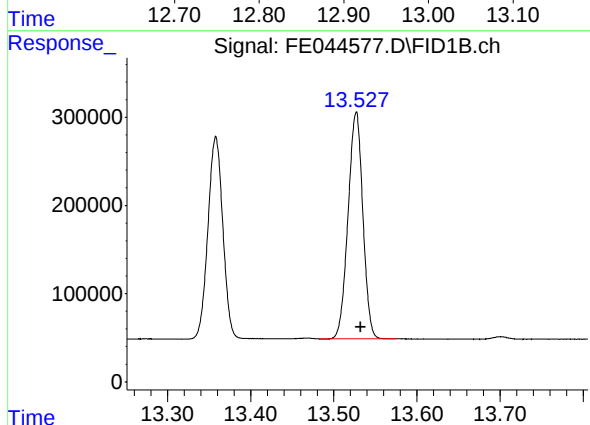
R.T.: 11.918 min
Delta R.T.: -0.008 min
Response: 3881707
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



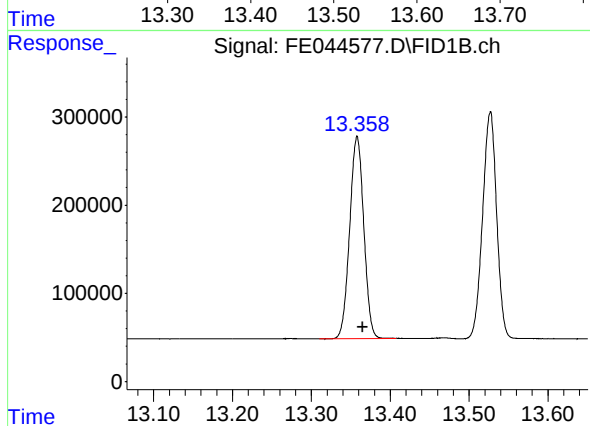
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.006 min
Response: 3247483
Conc: 20.18 ug/ml



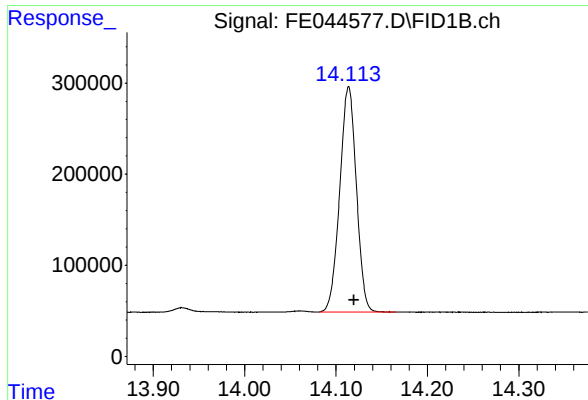
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.005 min
Response: 3176244
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

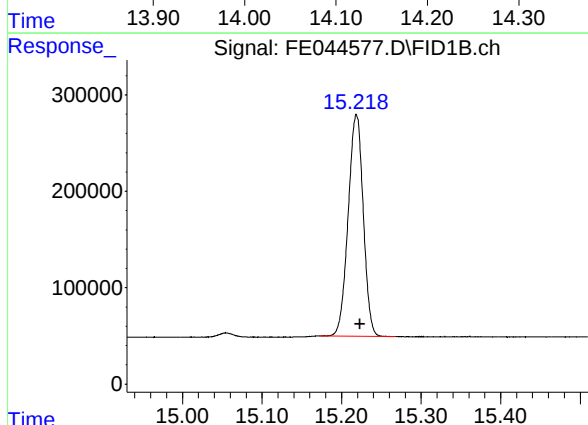
R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2846756
Conc: 20.93 ug/ml



#13 n-Docosane (C22)

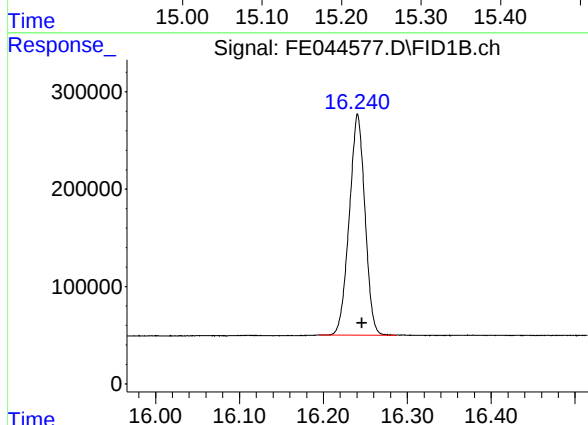
R.T.: 14.114 min
Delta R.T.: -0.006 min
Response: 3131352
Conc: 20.30 ug/ml

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20 PPM ALIPHATIC HC STD



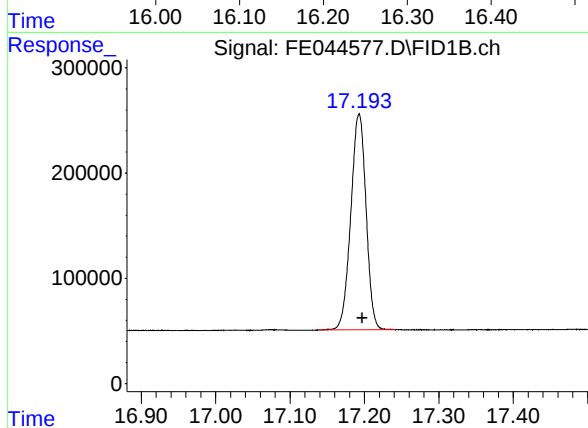
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.005 min
Response: 3038414
Conc: 20.10 ug/ml



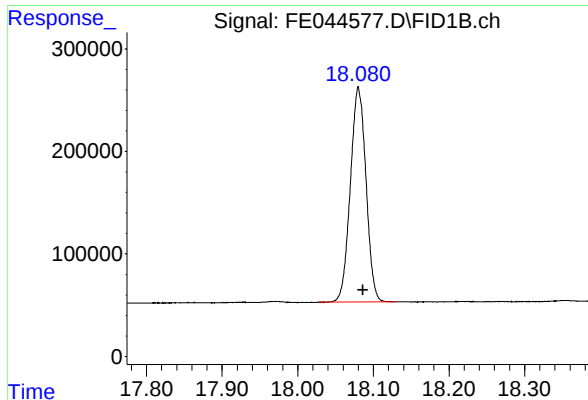
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.005 min
Response: 2951656
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

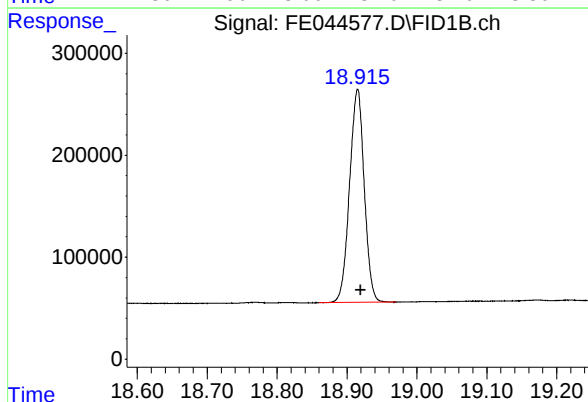
R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 2921793
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

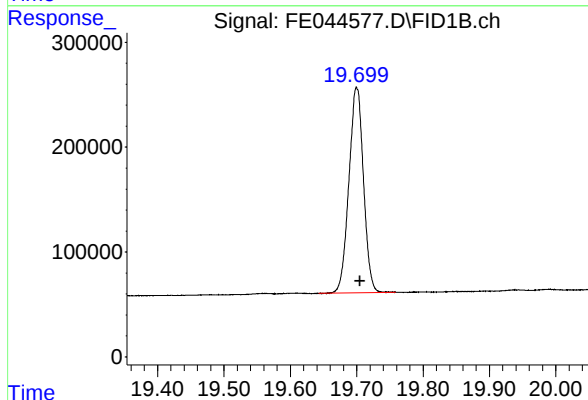
R.T.: 18.080 min
Delta R.T.: -0.006 min
Response: 3012723
Conc: 20.32 ug/ml

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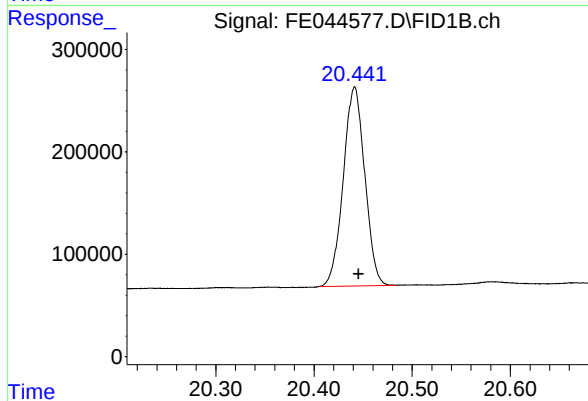
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.004 min
Response: 3053938
Conc: 20.63 ug/ml



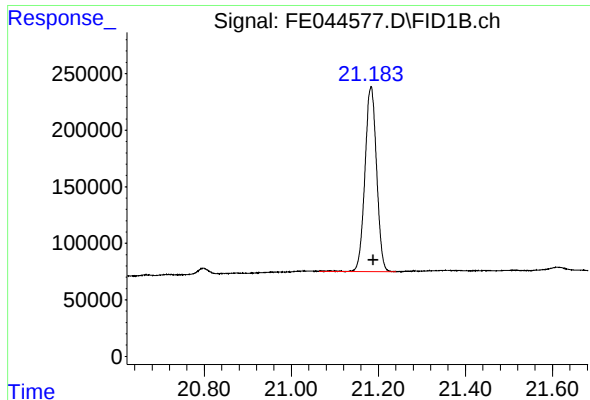
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.005 min
Response: 2989151
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

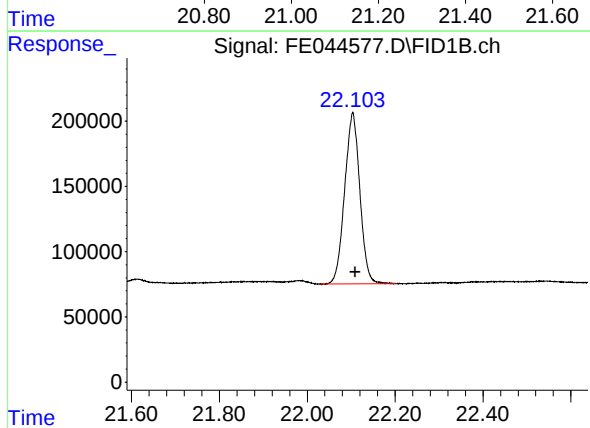
R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 2961219
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.005 min
Response: 3022462
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: -0.005 min
Response: 3155028
Conc: 19.99 ug/ml