

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041875.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2023 08:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 12 19:52:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.966	3582351	19.095 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	13.402	2775013	19.643 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T n-Nonane (C9)	3.347	2822041	19.198 ug/ml
2) T n-Decane (C10)	4.600	3027970	20.189 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3492866	21.106 ug/ml
4) T n-Dodecane (C12)	6.767	3069153	20.186 ug/ml
5) T A~2-methylnaphthalene...	7.401	3351251	20.783 ug/ml
6) T n-Tetradecane (C14)	8.596	3114201	20.501 ug/ml
7) T n-Hexadecane (C16)	10.204	3246513	20.344 ug/ml
8) T n-Octadecane (C18)	11.647	3329068	20.310 ug/ml
10) T n-Eicosane (C20)	12.957	3265954	20.305 ug/ml
11) T n-Heneicosane (C21)	13.569	3255042	20.424 ug/ml
13) T n-Docosane (C22)	14.155	3278057	20.574 ug/ml
14) T n-Tetracosane (C24)	15.258	3337849	20.704 ug/ml
15) T n-Hexacosane (C26)	16.278	3306552	20.915 ug/ml
16) T n-Octacosane (C28)	17.229	3395034	22.064 ug/ml
17) T n-Tricontane (C30)	18.117	3638539	23.890 ug/ml
18) T n-Dotriacontane (C32)	18.949	3710465	24.906 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3420901	24.283 ug/ml
20) T n-Hexatriacontane (C36)	20.471	3082008	23.047 ug/ml
21) T n-Octatriacontane (C38)	21.220	2942414	22.268 ug/ml
22) T n-Tetracontane (C40)	22.156	2954368	23.334 ug/ml

(f)=RT Delta > 1/2 Window

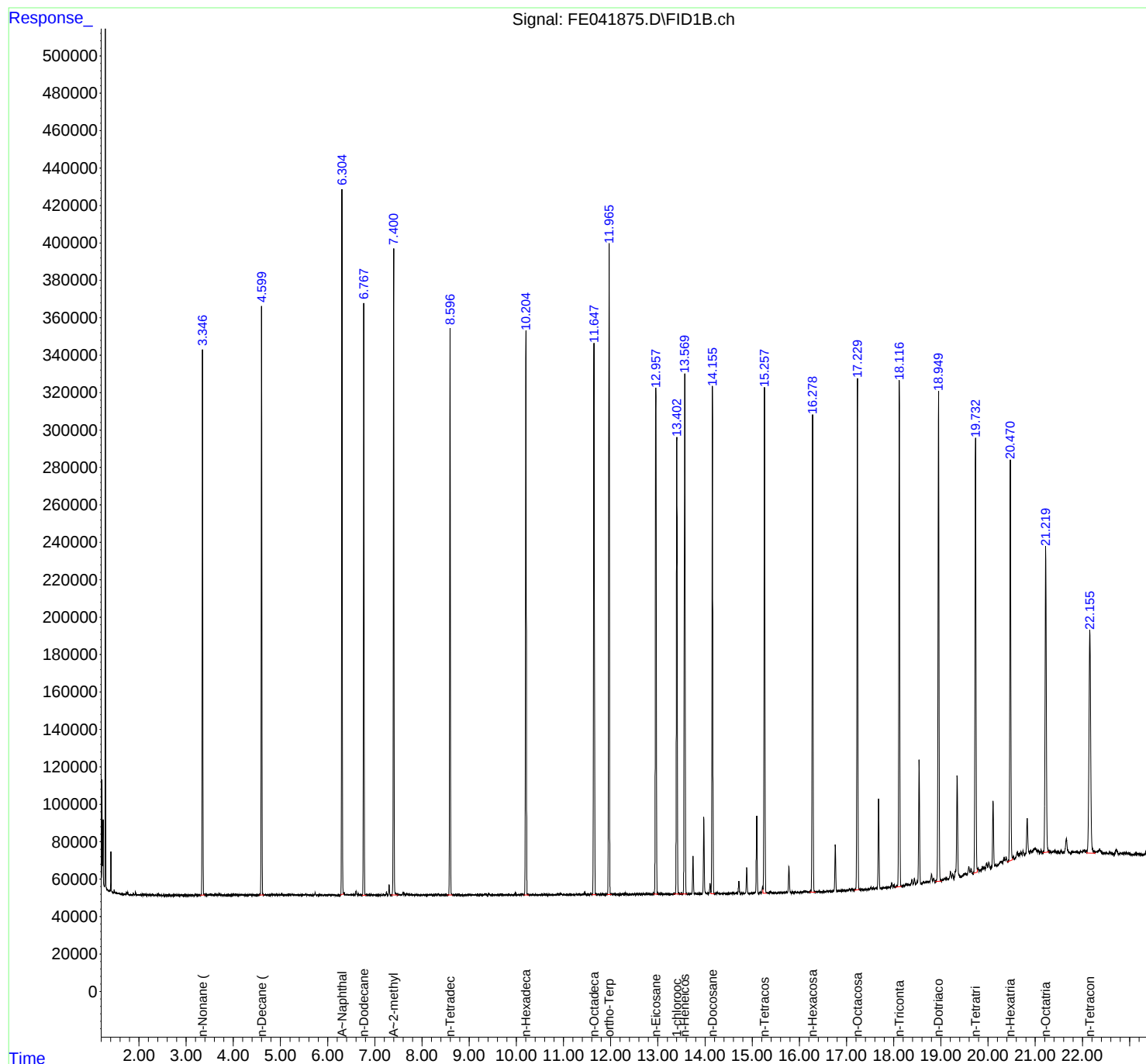
(m)=manual int.

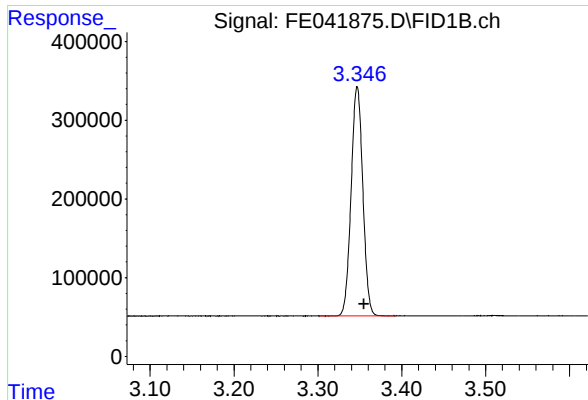
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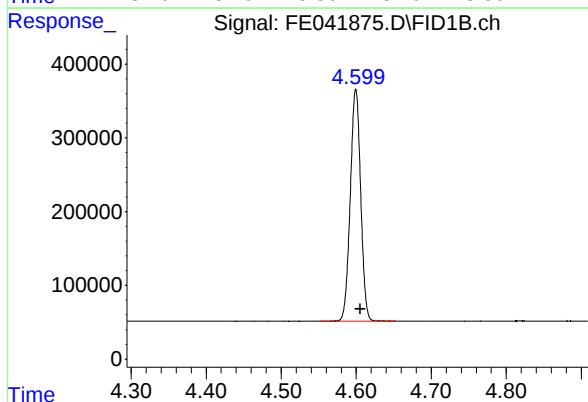




#1 n-Nonane (C9)

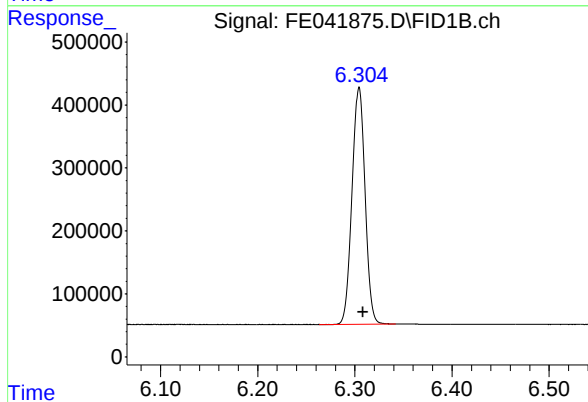
R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2822041
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



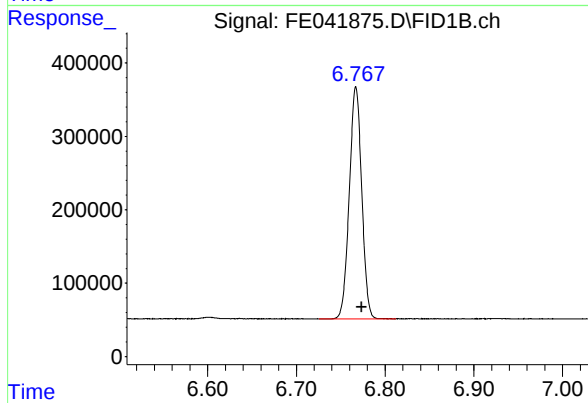
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.006 min
Response: 3027970
Conc: 20.19 ug/ml



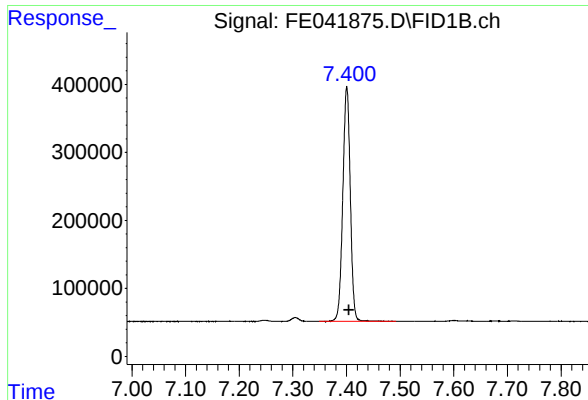
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 3492866
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

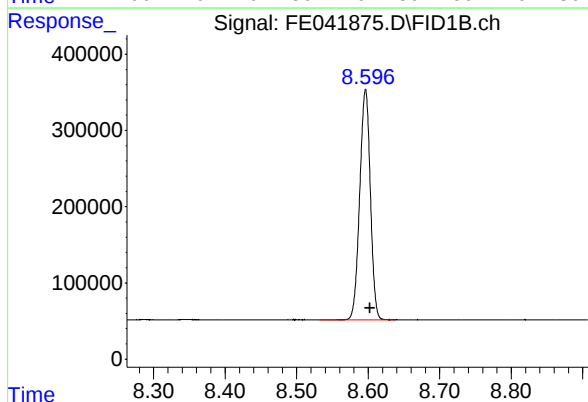
R.T.: 6.767 min
Delta R.T.: -0.006 min
Response: 3069153
Conc: 20.19 ug/ml



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

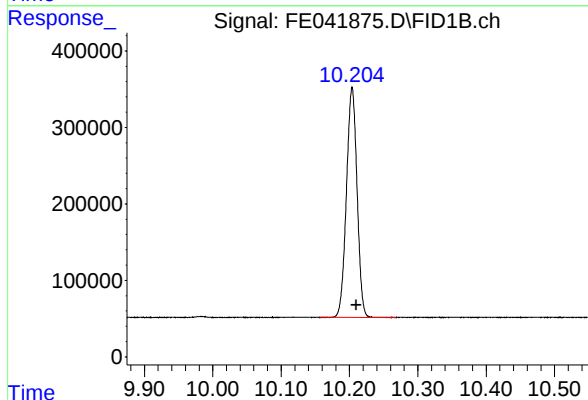
R.T.: 7.401 min
Delta R.T.: -0.004 min
Response: 3351251
Conc: 20.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



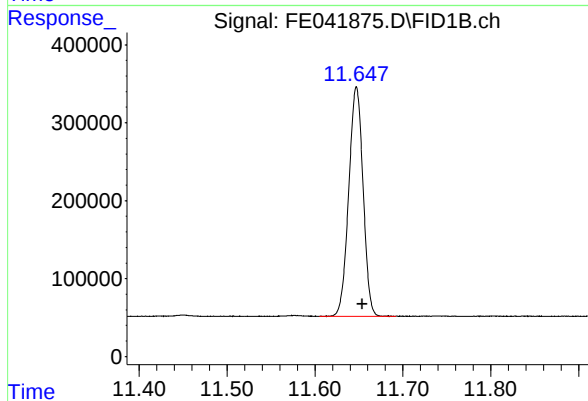
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.006 min
Response: 3114201
Conc: 20.50 ug/ml



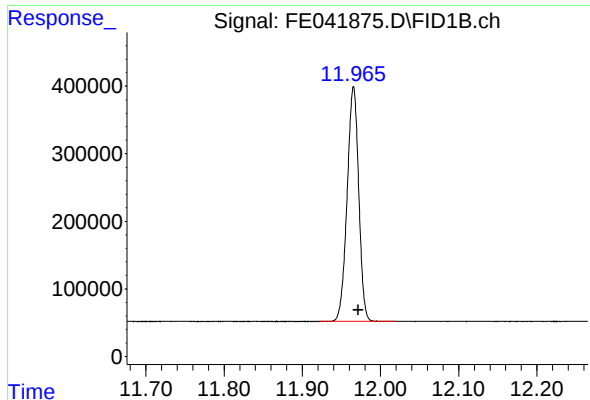
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.006 min
Response: 3246513
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

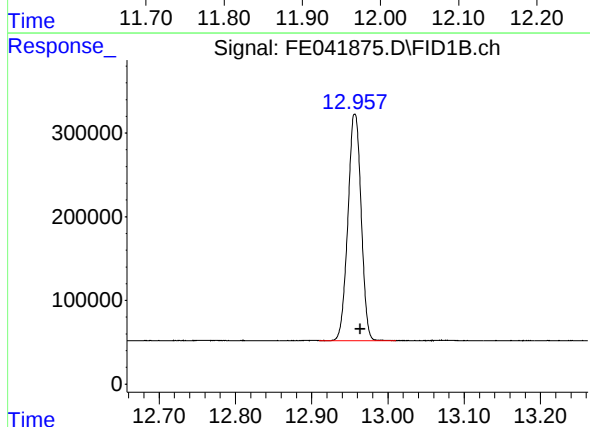
R.T.: 11.647 min
Delta R.T.: -0.007 min
Response: 3329068
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

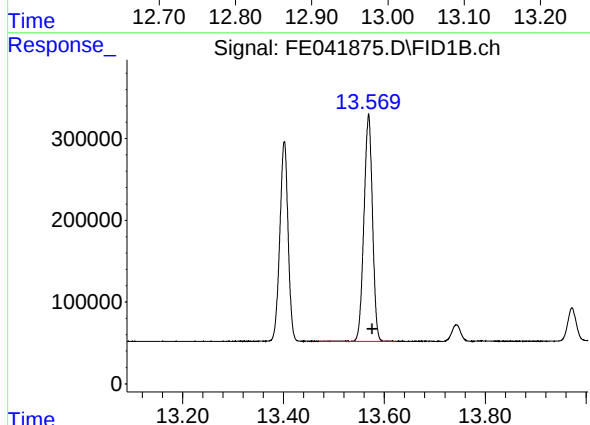
R.T.: 11.966 min
Delta R.T.: -0.006 min
Response: 3582351
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



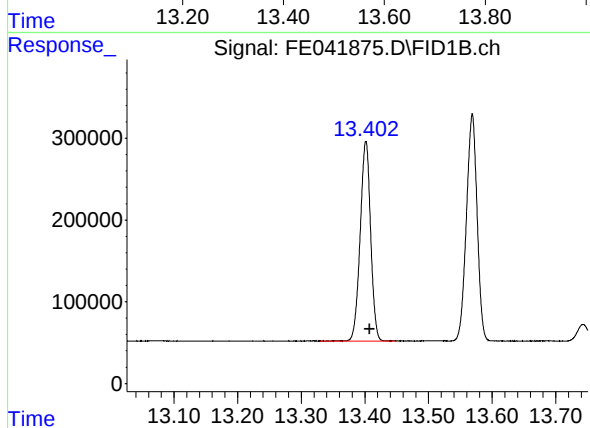
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.007 min
Response: 3265954
Conc: 20.30 ug/ml



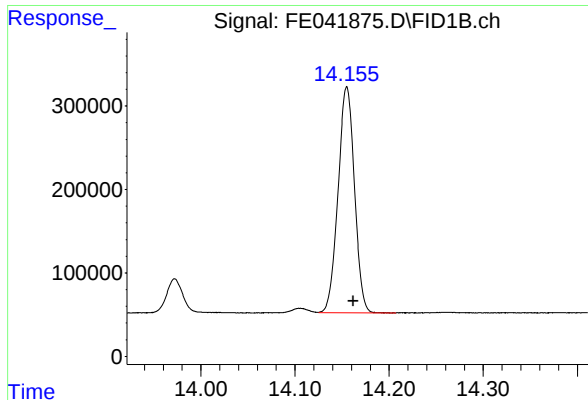
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.007 min
Response: 3255042
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

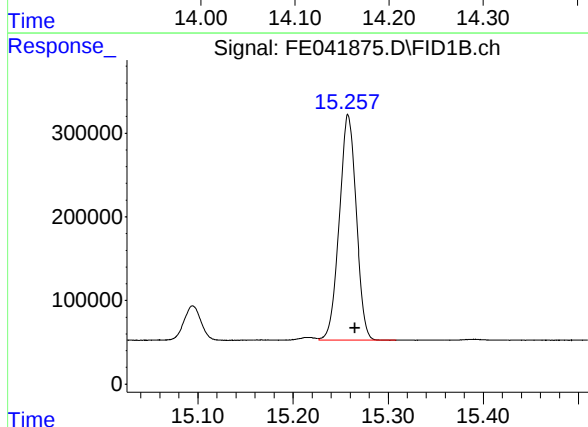
R.T.: 13.402 min
Delta R.T.: -0.006 min
Response: 2775013
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

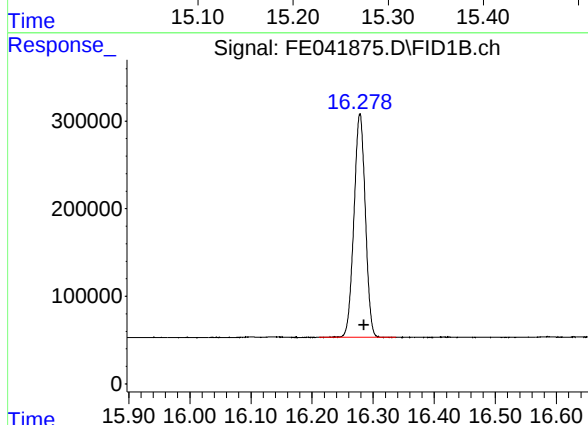
R.T.: 14.155 min
Delta R.T.: -0.007 min
Response: 3278057
Conc: 20.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



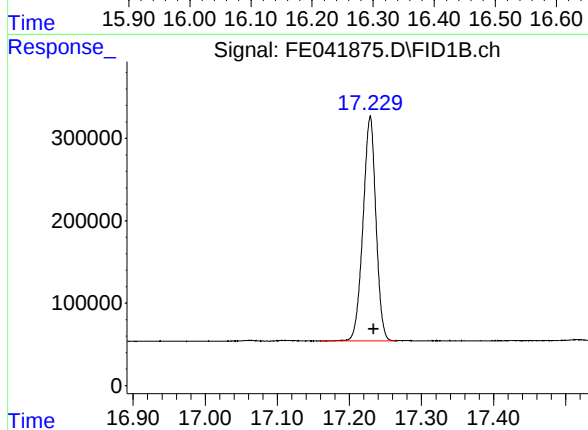
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.007 min
Response: 3337849
Conc: 20.70 ug/ml



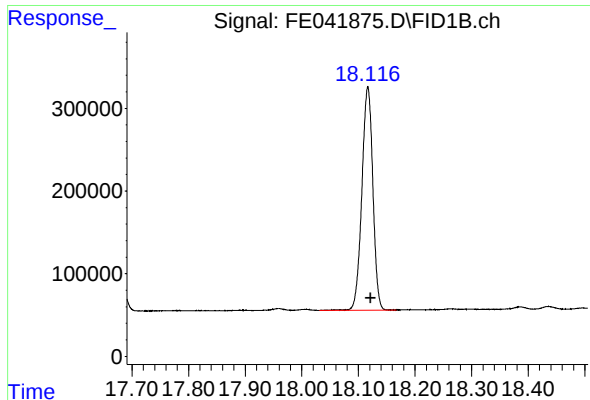
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.006 min
Response: 3306552
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

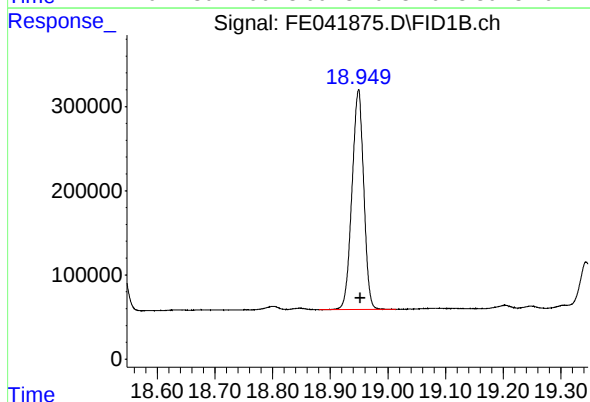
R.T.: 17.229 min
Delta R.T.: -0.005 min
Response: 3395034
Conc: 22.06 ug/ml



#17 n-Tricontane (C30)

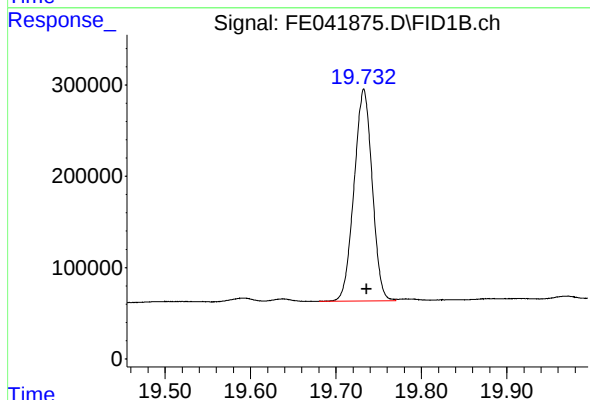
R.T.: 18.117 min
Delta R.T.: -0.005 min
Response: 3638539
Conc: 23.89 ug/ml

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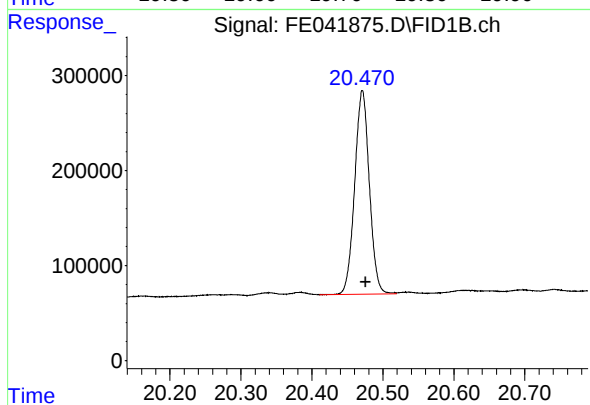
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.003 min
Response: 3710465
Conc: 24.91 ug/ml



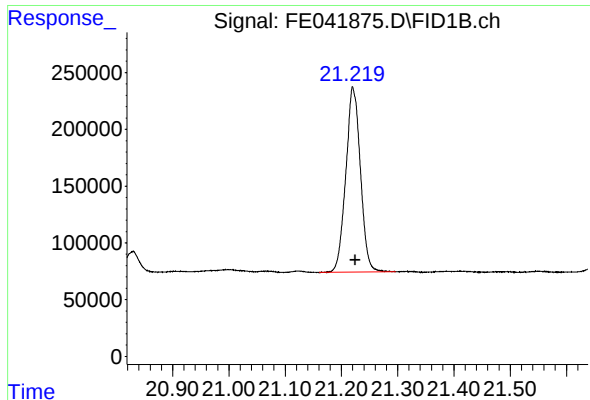
#19 n-Tetatriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 3420901
Conc: 24.28 ug/ml



#20 n-Hexatriacontane (C36)

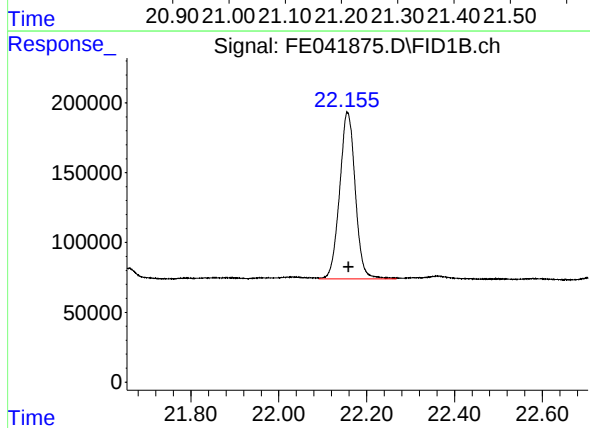
R.T.: 20.471 min
Delta R.T.: -0.005 min
Response: 3082008
Conc: 23.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.004 min
Response: 2942414
Conc: 22.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.002 min
Response: 2954368
Conc: 23.33 ug/ml