

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
 Data File : FE043936.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2023 18:42
 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 15 02:08:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.944	3702350	17.966 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
12) S 1-chlorooctadecane (S...	13.382	2777212	17.797 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	3.333	3100464	19.200 ug/ml
2) T n-Decane (C10)	4.584	3175752	19.269 ug/ml
3) T A~Naphthalene (C11.7)	6.284	3486997	19.152 ug/ml
4) T n-Dodecane (C12)	6.747	3234082	19.324 ug/ml
5) T A~2-methylnaphthalene...	7.379	3381008	18.991 ug/ml
6) T n-Tetradecane (C14)	8.574	3247548	19.275 ug/ml
7) T n-Hexadecane (C16)	10.183	3353211	19.009 ug/ml
8) T n-Octadecane (C18)	11.627	3381059	18.665 ug/ml
10) T n-Eicosane (C20)	12.938	3231170	18.259 ug/ml
11) T n-Heneicosane (C21)	13.549	3158090	17.836 ug/ml
13) T n-Docosane (C22)	14.137	3117426	17.773 ug/ml
14) T n-Tetracosane (C24)	15.240	3037302	17.287 ug/ml
15) T n-Hexacosane (C26)	16.262	2909468	16.834 ug/ml
16) T n-Octacosane (C28)	17.213	2748816	16.429 ug/ml
17) T n-Tricontane (C30)	18.102	2736051	16.519 ug/ml
18) T n-Dotriacontane (C32)	18.936	2648288	16.773 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2589408	17.426 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2525089	18.065 ug/ml
21) T n-Octatriacontane (C38)	21.207	2591211	19.424 ug/ml
22) T n-Tetracontane (C40)	22.131	2656597	20.589 ug/ml

(f)=RT Delta > 1/2 Window

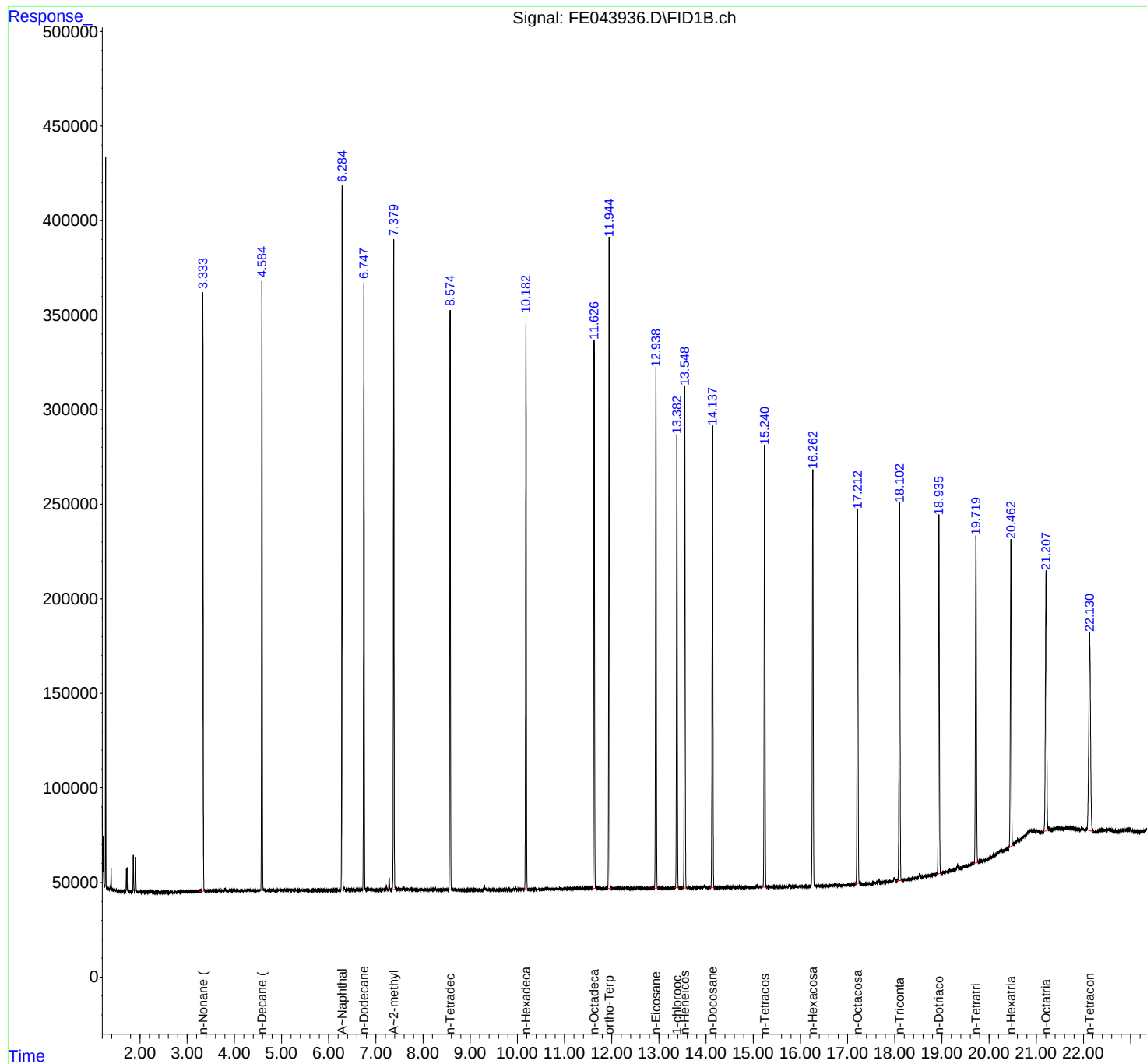
(m)=manual int.

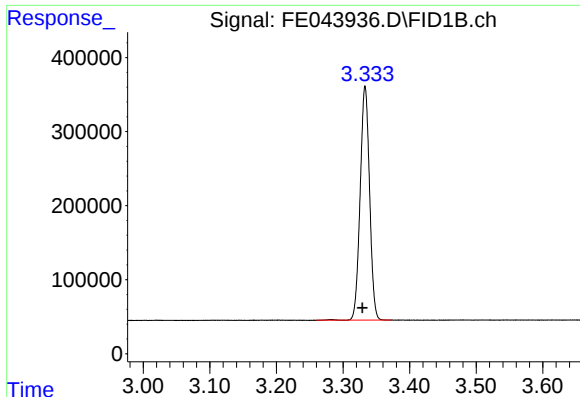
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
Data File : FE043936.D
Signal(s) : FID1B.ch
Acq On : 14 Aug 2023 18:42
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 15 02:08:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:56:52 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

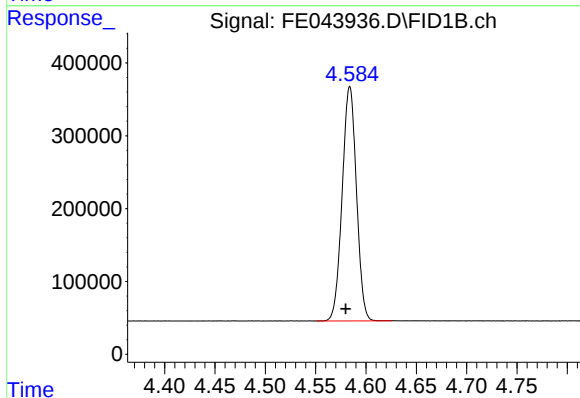




#1 n-Nonane (C9)

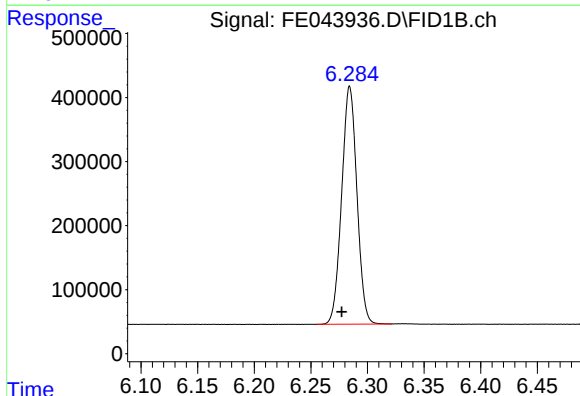
R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 3100464
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



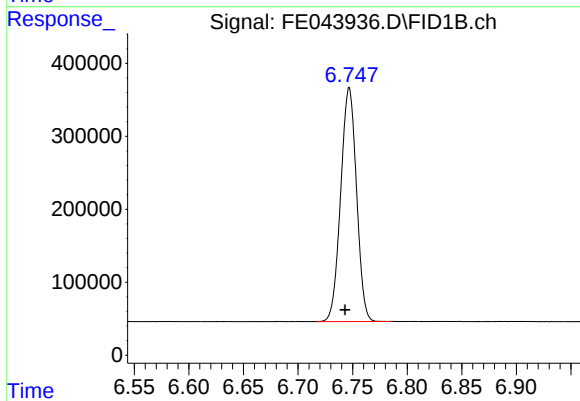
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 3175752
Conc: 19.27 ug/ml



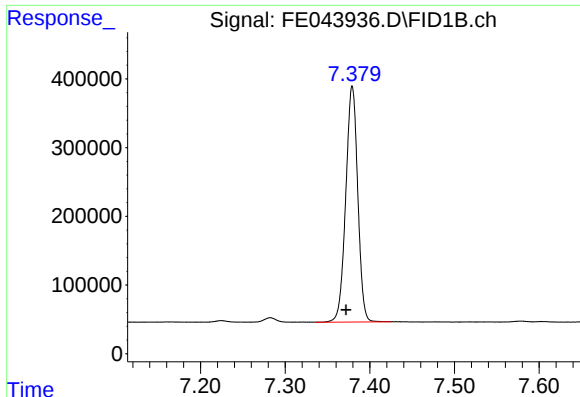
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 3486997
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

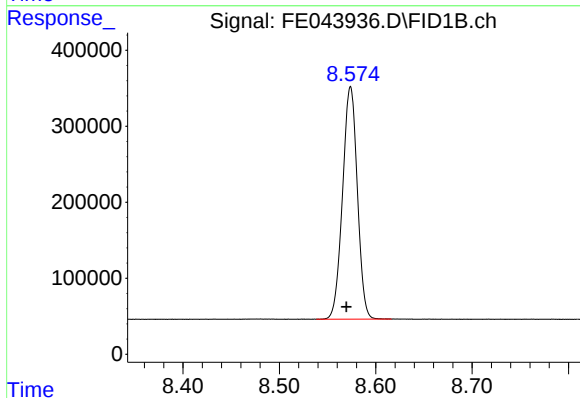
R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 3234082
Conc: 19.32 ug/ml



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

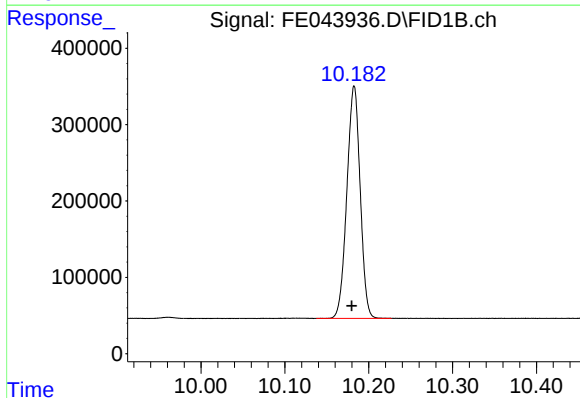
R.T.: 7.379 min
Delta R.T.: 0.007 min
Response: 3381008
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



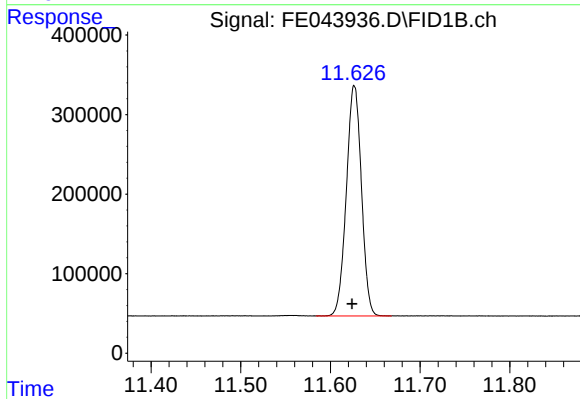
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.004 min
Response: 3247548
Conc: 19.28 ug/ml



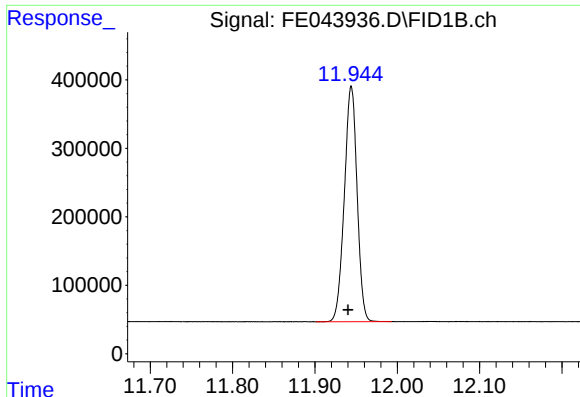
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.003 min
Response: 3353211
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

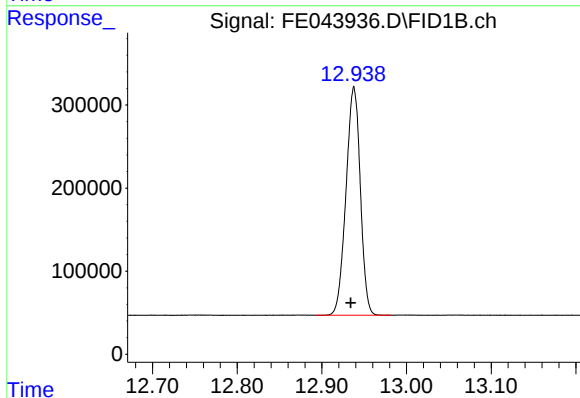
R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 3381059
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

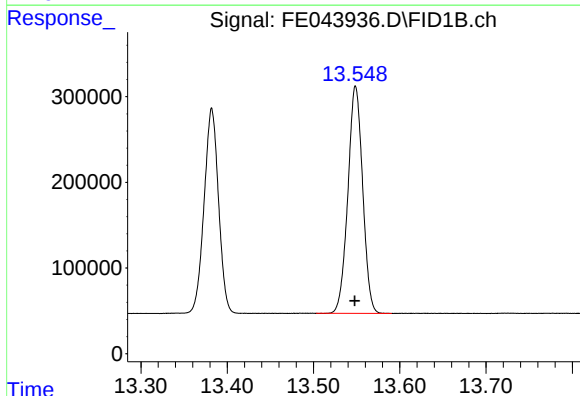
R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 3702350
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



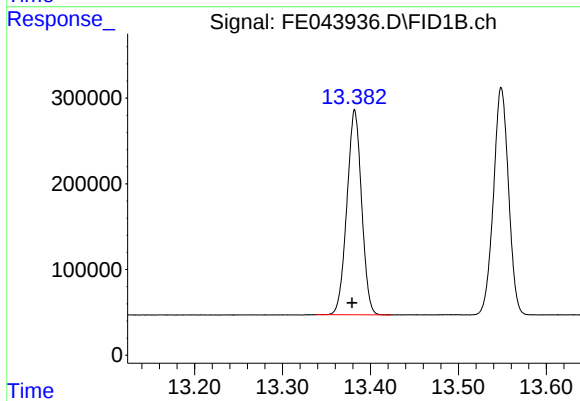
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.004 min
Response: 3231170
Conc: 18.26 ug/ml



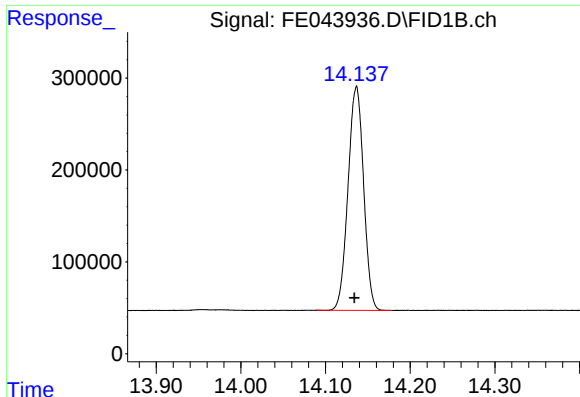
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 3158090
Conc: 17.84 ug/ml



#12 1-chlorooctadecane (SURR)

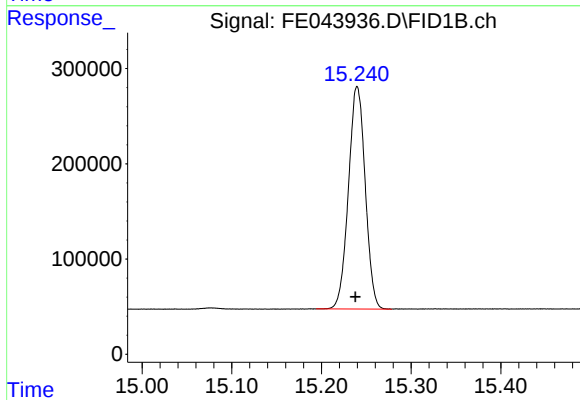
R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 2777212
Conc: 17.80 ug/ml



#13 n-Docosane (C22)

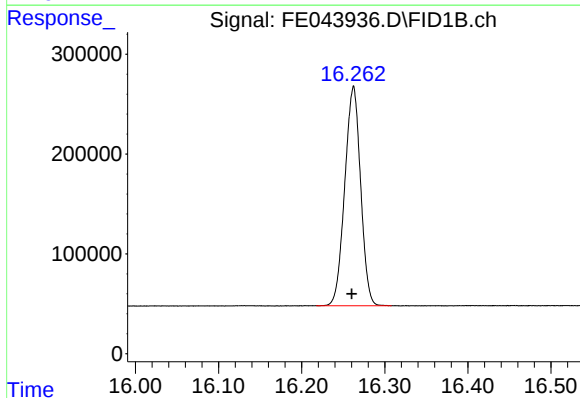
R.T.: 14.137 min
Delta R.T.: 0.002 min
Response: 3117426
Conc: 17.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



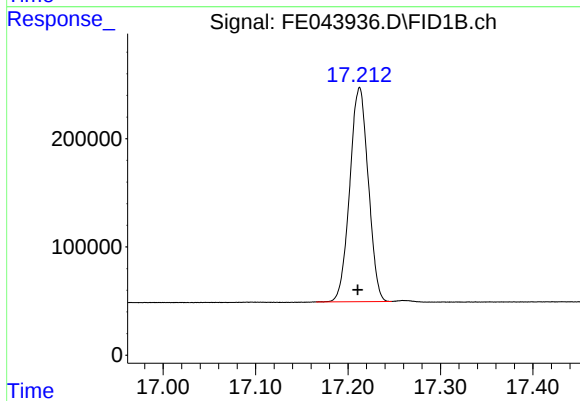
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: 0.002 min
Response: 3037302
Conc: 17.29 ug/ml



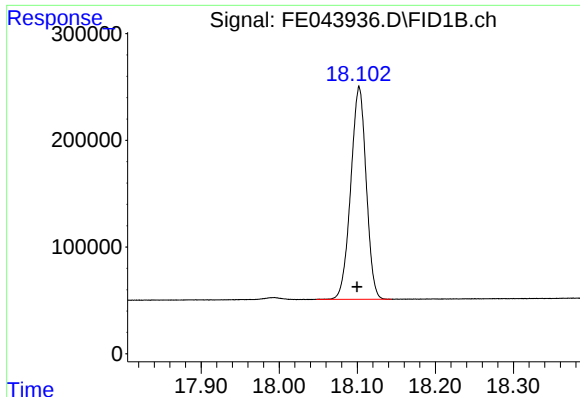
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.002 min
Response: 2909468
Conc: 16.83 ug/ml



#16 n-Octacosane (C28)

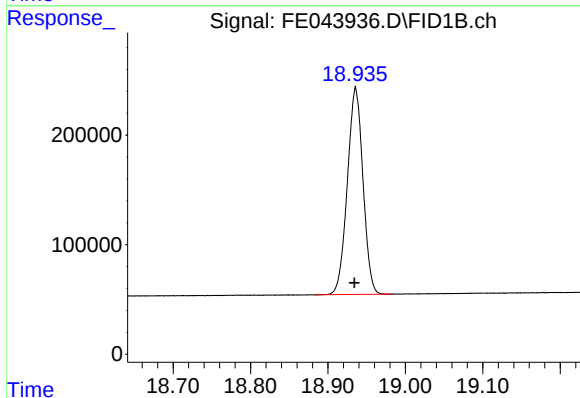
R.T.: 17.213 min
Delta R.T.: 0.002 min
Response: 2748816
Conc: 16.43 ug/ml



#17 n-Tricontane (C30)

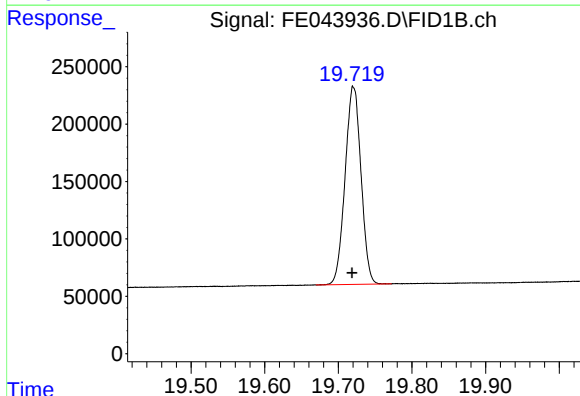
R.T.: 18.102 min
Delta R.T.: 0.003 min
Response: 2736051
Conc: 16.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



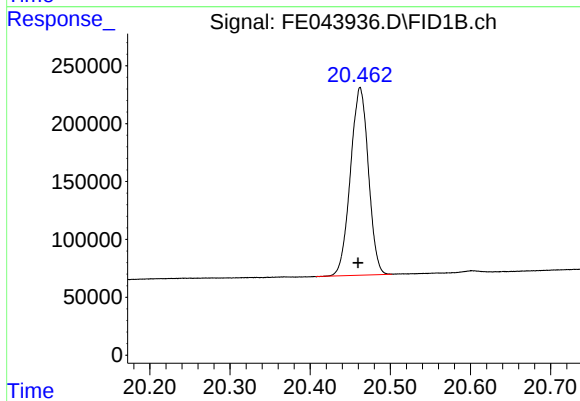
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 2648288
Conc: 16.77 ug/ml



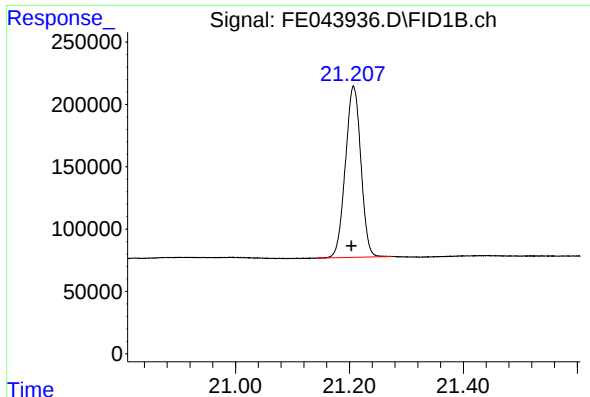
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.002 min
Response: 2589408
Conc: 17.43 ug/ml



#20 n-Hexatriacontane (C36)

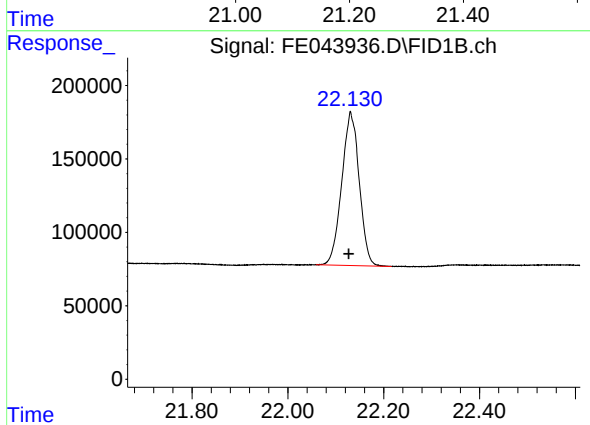
R.T.: 20.462 min
Delta R.T.: 0.003 min
Response: 2525089
Conc: 18.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.004 min
Response: 2591211
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.004 min
Response: 2656597
Conc: 20.59 ug/ml