

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
 Data File : FE046019.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2023 23:34
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: sample.E
 Quant Time: Dec 29 03:37:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:37:18 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)	11.850	17645566	95.819 ug/ml
Spiked Amount 50.000		Recovery =	191.64%
12) S 1-chlorooctadecane (S...	13.292	13091771	96.226 ug/ml
Spiked Amount 50.000		Recovery =	192.45%
Target Compounds			
1) T n-Nonane (C9)	3.229	15047742	96.283 ug/ml
2) T n-Decane (C10)	4.481	15294850	96.135 ug/ml
3) T A~Naphthalene (C11.7)	6.183	16844027	97.168 ug/ml
4) T n-Dodecane (C12)	6.650	15485211	96.391 ug/ml
5) T A~2-methylnaphthalene...	7.281	16443779	97.582 ug/ml
6) T n-Tetradecane (C14)	8.477	15268116	95.941 ug/ml
7) T n-Hexadecane (C16)	10.088	15374303	95.665 ug/ml
8) T n-Octadecane (C18)	11.535	15206013	95.540 ug/ml
10) T n-Eicosane (C20)	12.847	14549308	95.628 ug/ml
11) T n-Heneicosane (C21)	13.460	14237395	95.872 ug/ml
13) T n-Docosane (C22)	14.048	13977793	95.668 ug/ml
14) T n-Tetracosane (C24)	15.154	13649529	95.808 ug/ml
15) T n-Hexacosane (C26)	16.179	13313024	95.660 ug/ml
16) T n-Octacosane (C28)	17.132	13064644	95.427 ug/ml
17) T n-Tricontane (C30)	18.025	13221724	94.764 ug/ml
18) T n-Dotriacontane (C32)	18.860	13237442	94.003 ug/ml
19) T n-Tetratriacontane (C34)	19.646	13172501	94.626 ug/ml
20) T n-Hexatriacontane (C36)	20.392	13505612	92.875 ug/ml
21) T n-Octatriacontane (C38)	21.127	14019304	95.730 ug/ml
22) T n-Tetracontane (C40)	22.040	14843525	95.075 ug/ml

(f)=RT Delta > 1/2 Window

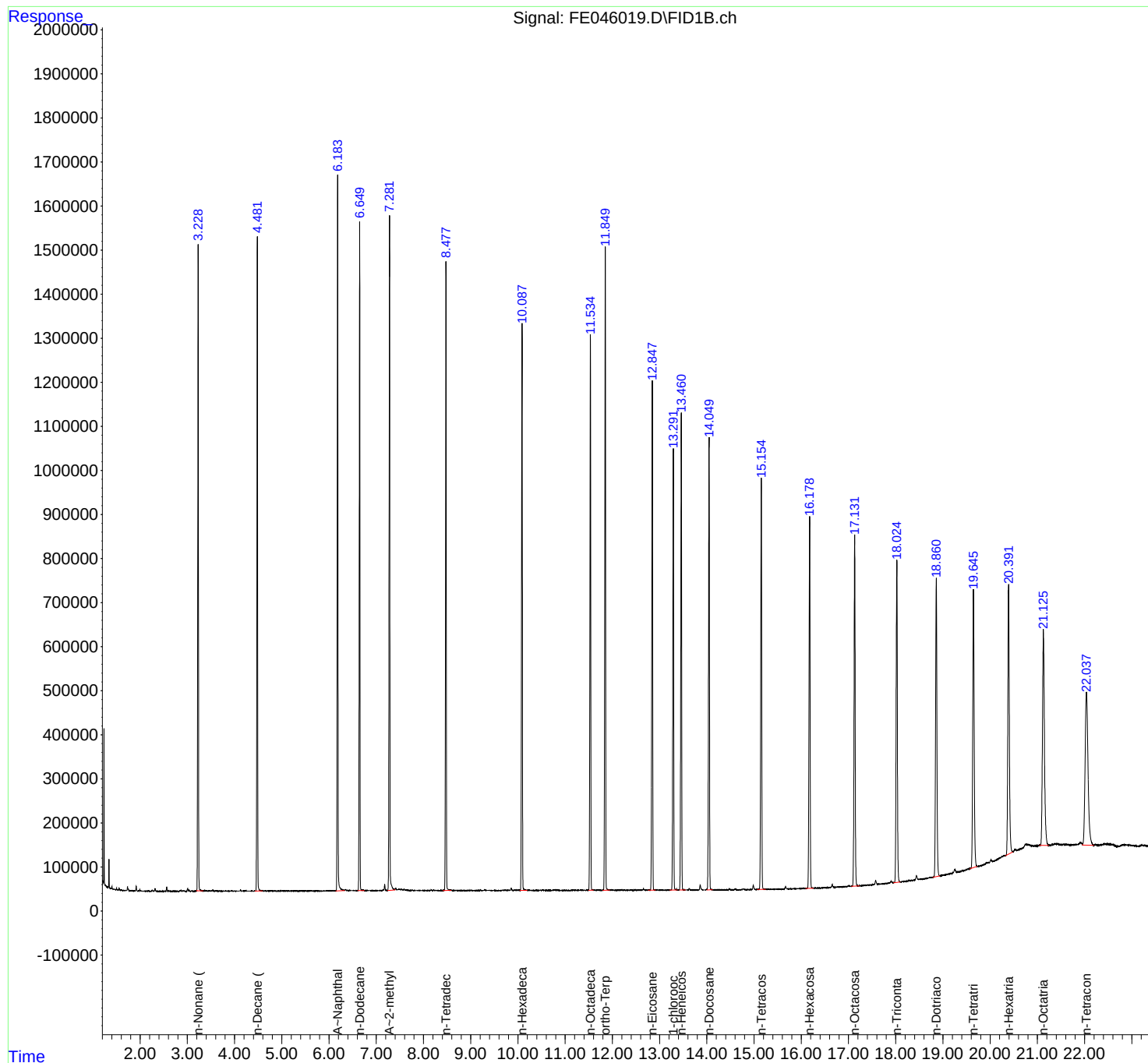
(m)=manual int.

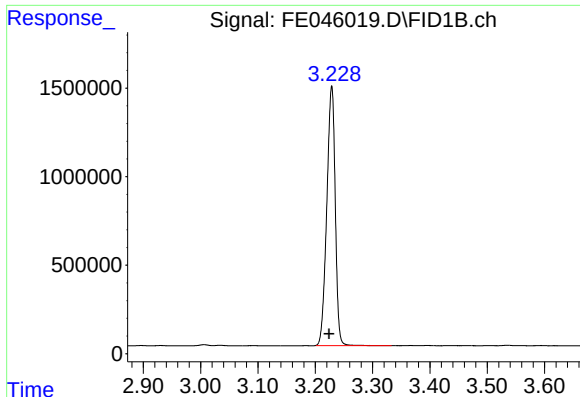
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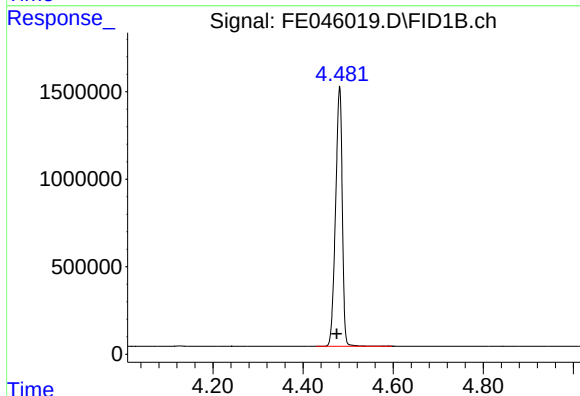




#1 n-Nonane (C9)

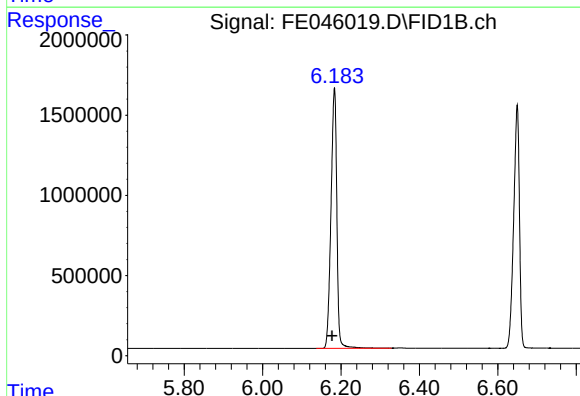
R.T.: 3.229 min
Delta R.T.: 0.005 min
Response: 15047742
Conc: 96.28 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



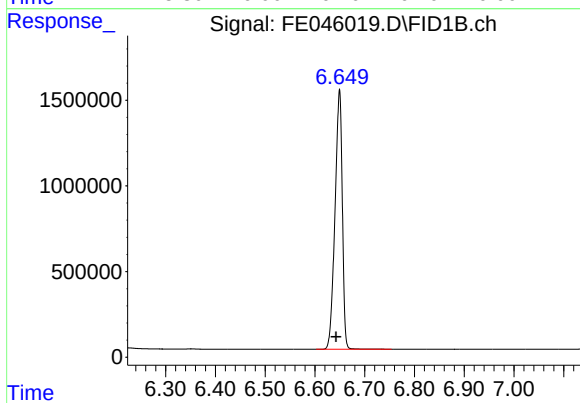
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.006 min
Response: 15294850
Conc: 96.14 ug/ml



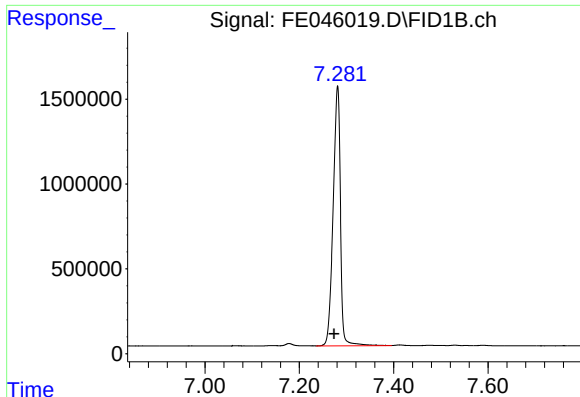
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.006 min
Response: 16844027
Conc: 97.17 ug/ml



#4 n-Dodecane (C12)

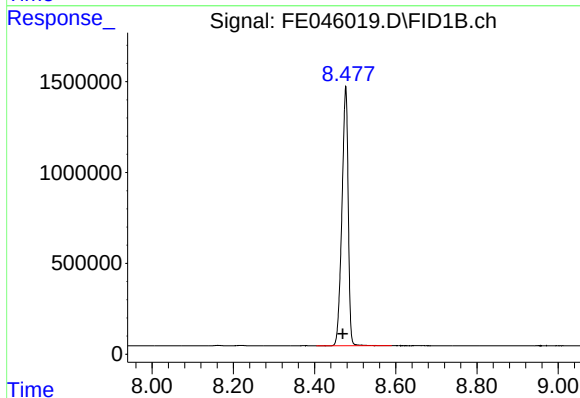
R.T.: 6.650 min
Delta R.T.: 0.007 min
Response: 15485211
Conc: 96.39 ug/ml



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

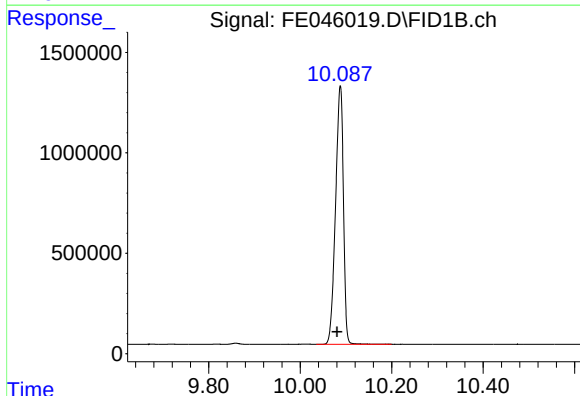
R.T.: 7.281 min
Delta R.T.: 0.007 min
Response: 16443779
Conc: 97.58 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



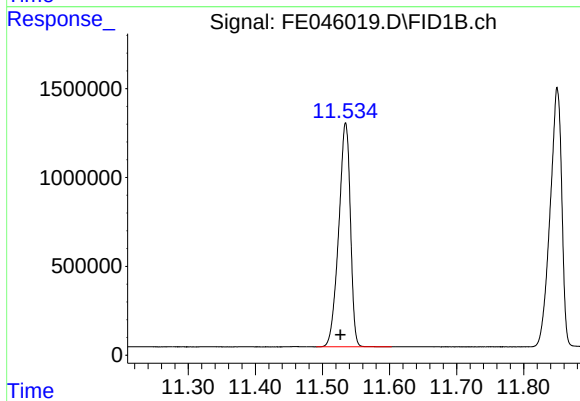
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: 0.007 min
Response: 15268116
Conc: 95.94 ug/ml



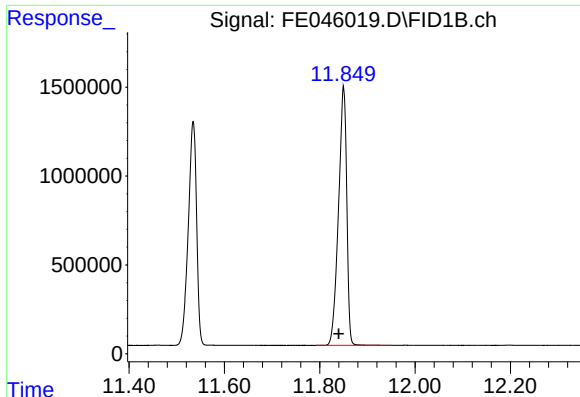
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.007 min
Response: 15374303
Conc: 95.67 ug/ml



#8 n-Octadecane (C18)

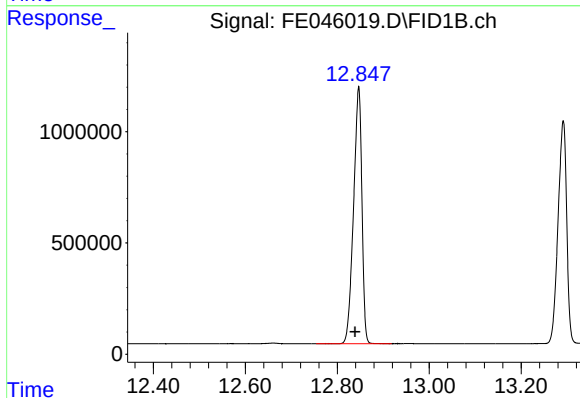
R.T.: 11.535 min
Delta R.T.: 0.008 min
Response: 15206013
Conc: 95.54 ug/ml



#9 ortho-Terphenyl (SURR)

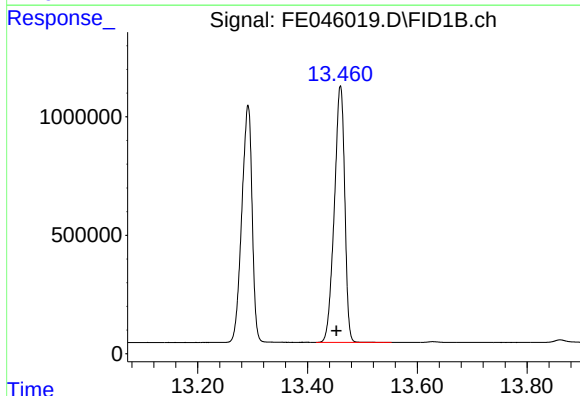
R.T.: 11.850 min
Delta R.T.: 0.010 min
Response: 17645566
Conc: 95.82 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



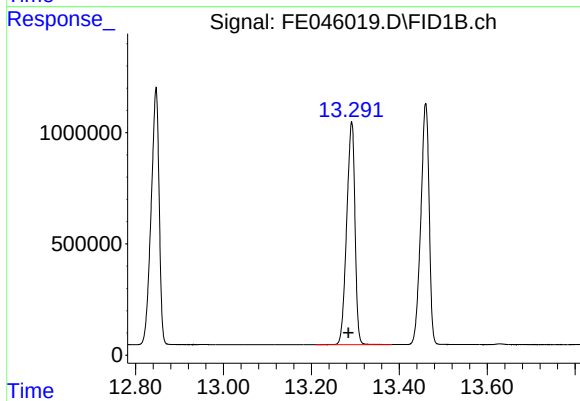
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: 0.008 min
Response: 14549308
Conc: 95.63 ug/ml



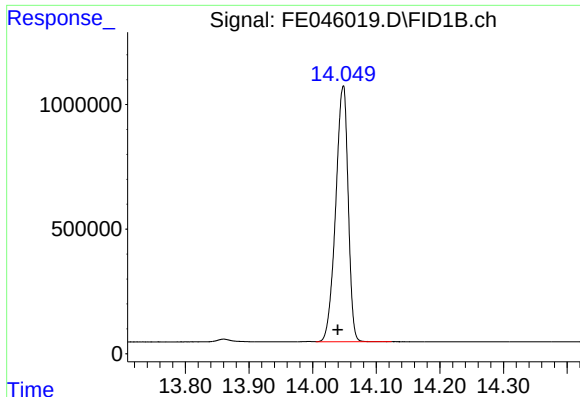
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: 0.007 min
Response: 14237395
Conc: 95.87 ug/ml



#12 1-chlorooctadecane (SURR)

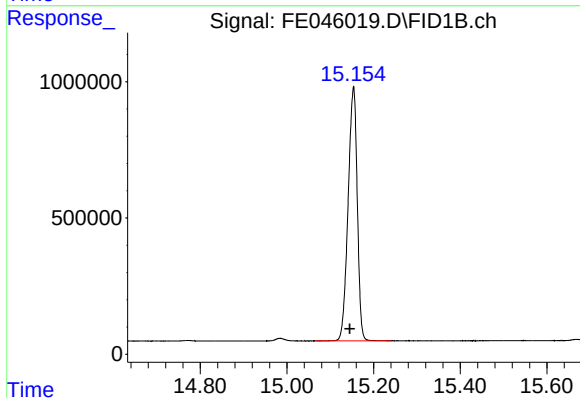
R.T.: 13.292 min
Delta R.T.: 0.007 min
Response: 13091771
Conc: 96.23 ug/ml



#13 n-Docosane (C22)

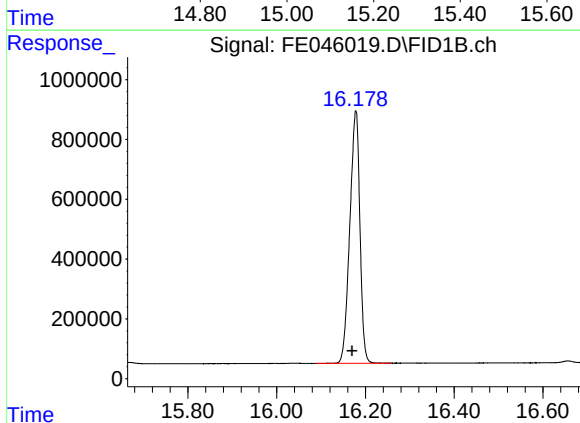
R.T.: 14.048 min
Delta R.T.: 0.009 min
Response: 13977793
Conc: 95.67 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



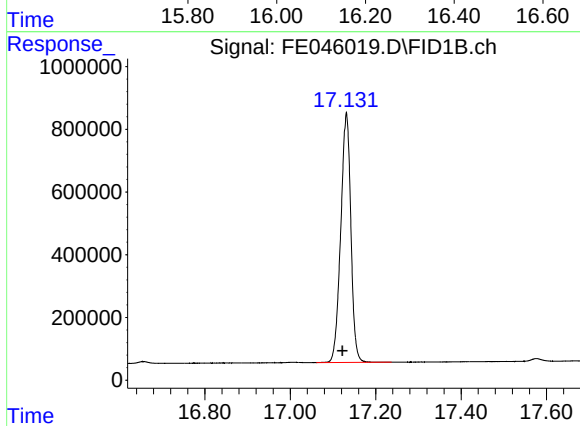
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.008 min
Response: 13649529
Conc: 95.81 ug/ml



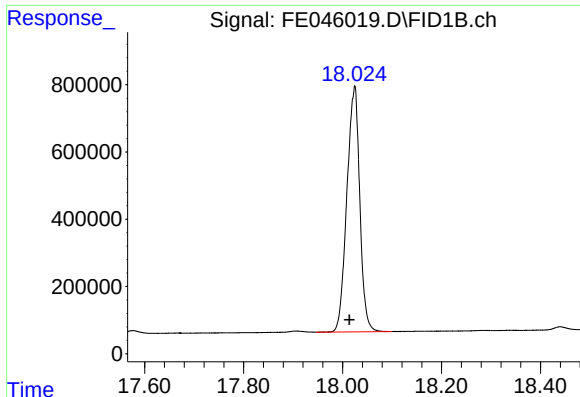
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: 0.009 min
Response: 13313024
Conc: 95.66 ug/ml



#16 n-Octacosane (C28)

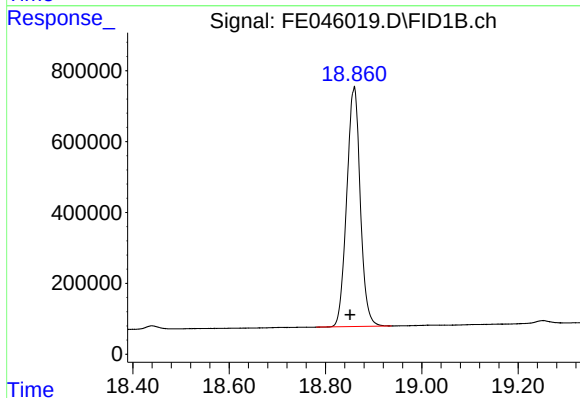
R.T.: 17.132 min
Delta R.T.: 0.009 min
Response: 13064644
Conc: 95.43 ug/ml



#17 n-Tricontane (C30)

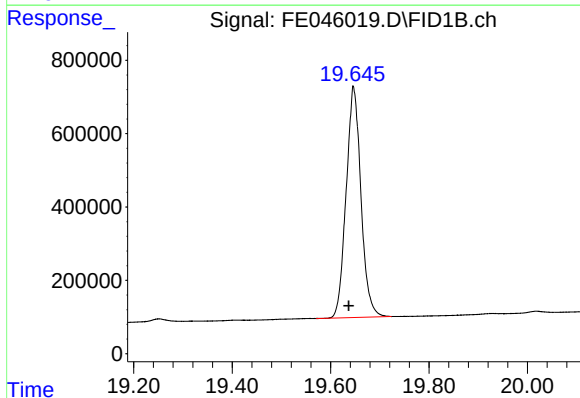
R.T.: 18.025 min
Delta R.T.: 0.011 min
Response: 13221724
Conc: 94.76 ug/ml

Instrument :
FID_E
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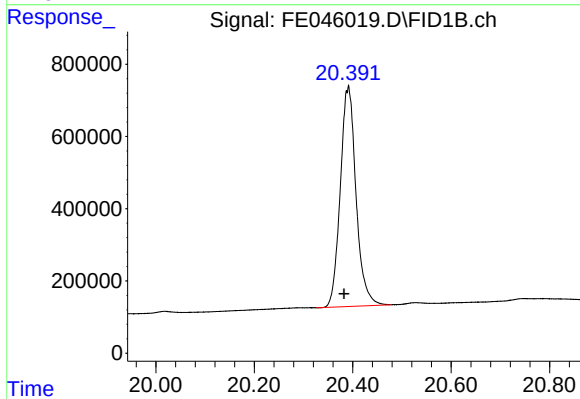
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.009 min
Response: 13237442
Conc: 94.00 ug/ml



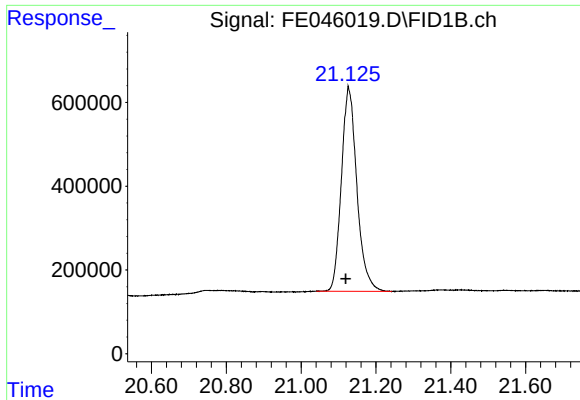
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.010 min
Response: 13172501
Conc: 94.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.009 min
Response: 13505612
Conc: 92.88 ug/ml



#21 n-Octatriacontane (C38)

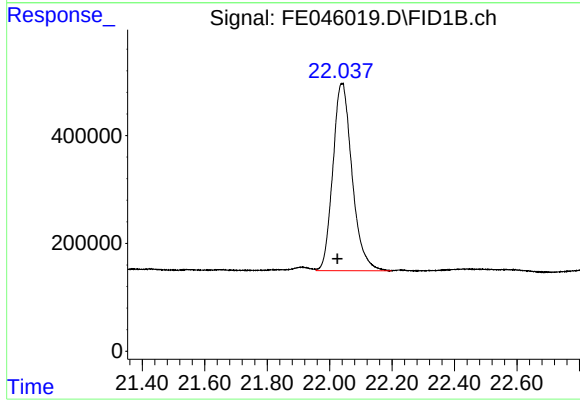
R.T.: 21.127 min
Delta R.T.: 0.007 min
Response: 14019304
Conc: 95.73 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: 0.015 min
Response: 14843525
Conc: 95.08 ug/ml