

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052124AL\
 Data File : FE048305.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2024 14:30
 Operator : YP\AJ
 Sample : PB161027BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161027BSD

Integration File: autoint1.e
 Quant Time: May 22 02:25:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.960	7506911	52.036 ug/ml
Spiked Amount 50.000		Recovery =	104.07%
12) S 1-chlorooctadecane (S...	13.392	6314778	56.513 ug/ml
Spiked Amount 50.000		Recovery =	113.03%
Target Compounds			
1) T n-Nonane (C9)	3.354	5323217	41.304 ug/ml
2) T n-Decane (C10)	4.598	5661803	43.005 ug/ml
3) T A~Naphthalene (C11.7)	6.300	6260503	45.339 ug/ml
4) T n-Dodecane (C12)	6.758	5715238	42.871 ug/ml
5) T A~2-methylnaphthalene...	7.396	6439821	48.392 ug/ml
6) T n-Tetradecane (C14)	8.589	6384441	48.177 ug/ml
7) T n-Hexadecane (C16)	10.195	7053428	51.285 ug/ml
8) T n-Octadecane (C18)	11.638	7185048	51.581 ug/ml
10) T n-Eicosane (C20)	12.946	7170279	53.254 ug/ml
11) T n-Heneicosane (C21)	13.558	6915905	52.245 ug/ml
13) T n-Docosane (C22)	14.144	6858709	51.756 ug/ml
14) T n-Tetracosane (C24)	15.239	12559868	94.326 ug/ml
15) T n-Hexacosane (C26)	16.267	6841088	51.266 ug/ml
16) T n-Octacosane (C28)	17.214	7033080	52.822 ug/ml
17) T n-Tricontane (C30)	18.103	6981694	50.587 ug/ml
18) T n-Dotriacontane (C32)	18.933	7083931	51.286 ug/ml
19) T n-Tetratriacontane (C34)	19.715	7148990	52.480 ug/ml
20) T n-Hexatriacontane (C36)	20.455	7061823	52.156 ug/ml
21) T n-Octatriacontane (C38)	21.193	7153847	51.814 ug/ml
22) T n-Tetracontane (C40)	22.115	6843505	49.120 ug/ml

(f)=RT Delta > 1/2 Window

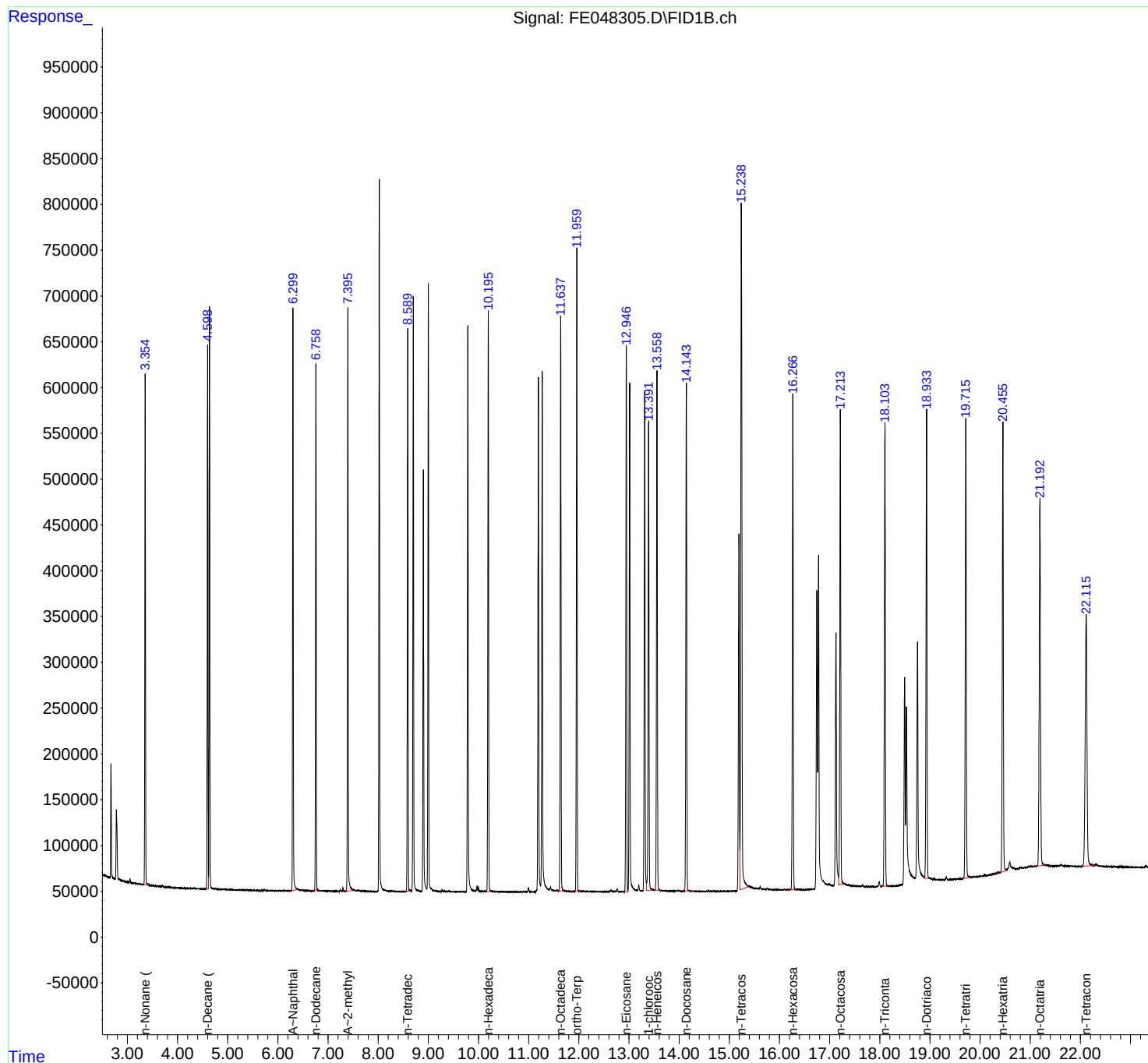
(m)=manual int.

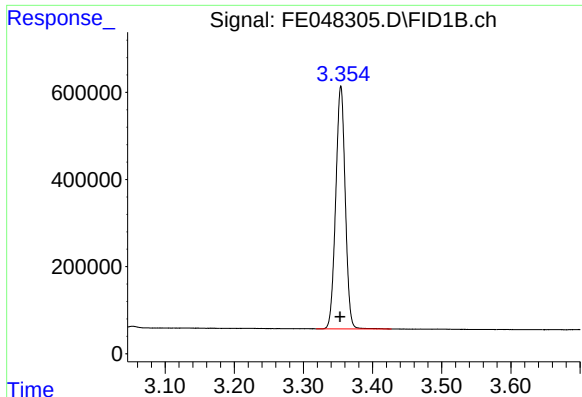
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052124AL\
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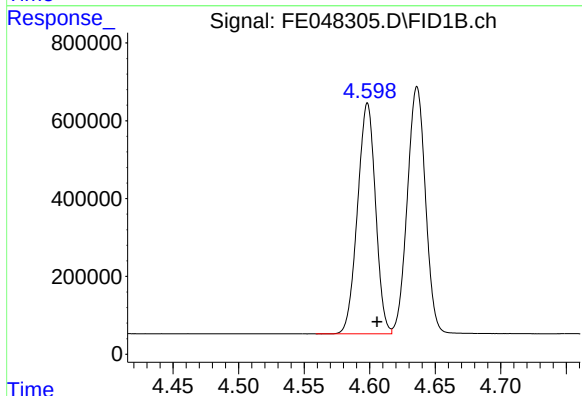




#1 n-Nonane (C9)

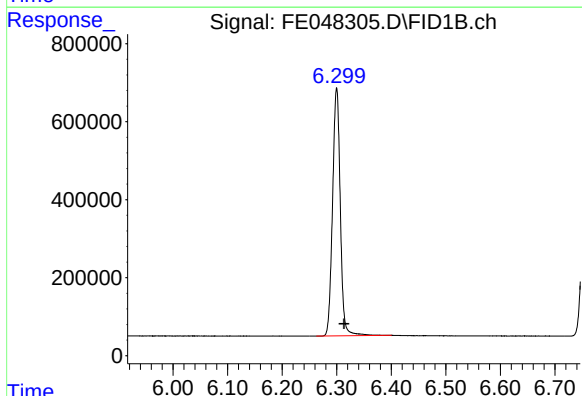
R.T.: 3.354 min
Delta R.T.: 0.001 min
Response: 5323217
Conc: 41.30 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161027BSD



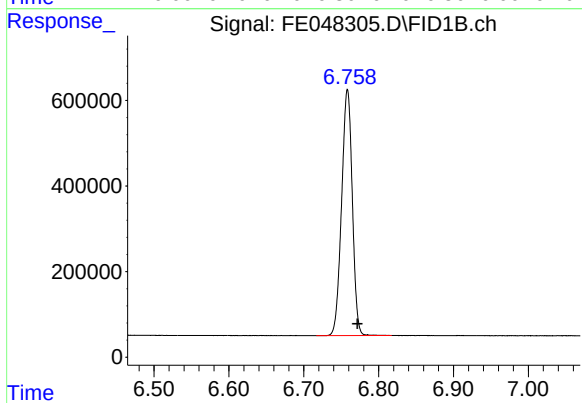
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.007 min
Response: 5661803
Conc: 43.01 ug/ml



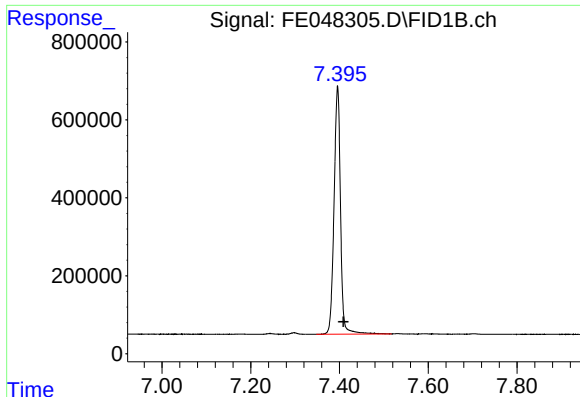
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.014 min
Response: 6260503
Conc: 45.34 ug/ml



#4 n-Dodecane (C12)

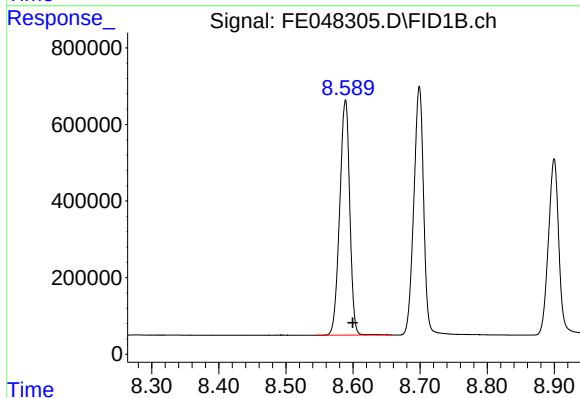
R.T.: 6.758 min
Delta R.T.: -0.013 min
Response: 5715238
Conc: 42.87 ug/ml



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

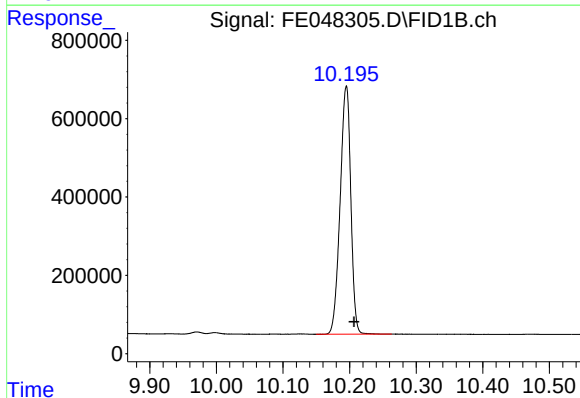
R.T.: 7.396 min
Delta R.T.: -0.013 min
Response: 6439821
Conc: 48.39 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161027BSD



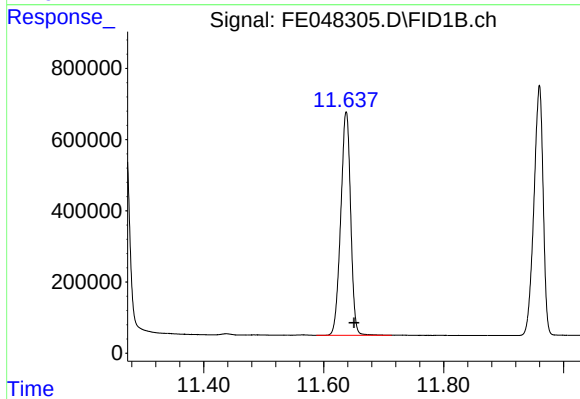
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.010 min
Response: 6384441
Conc: 48.18 ug/ml



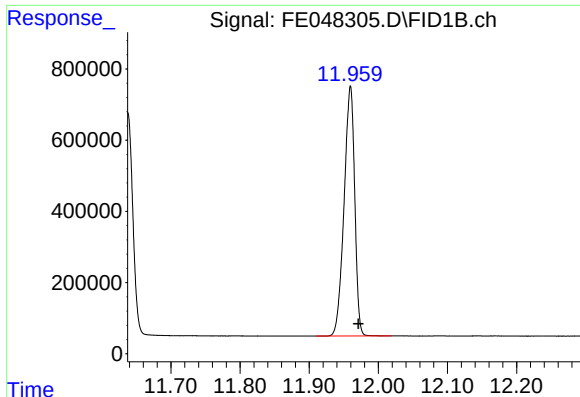
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.012 min
Response: 7053428
Conc: 51.29 ug/ml



#8 n-Octadecane (C18)

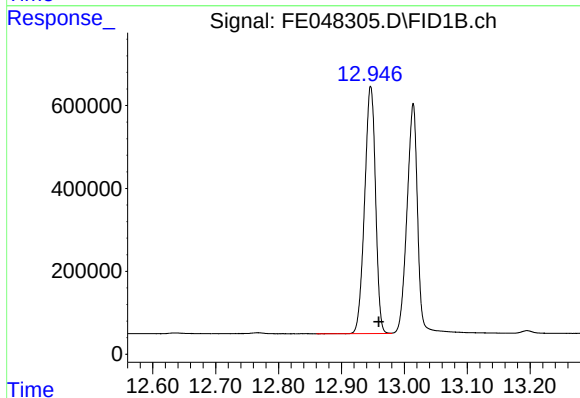
R.T.: 11.638 min
Delta R.T.: -0.013 min
Response: 7185048
Conc: 51.58 ug/ml



#9 ortho-Terphenyl (SURR)

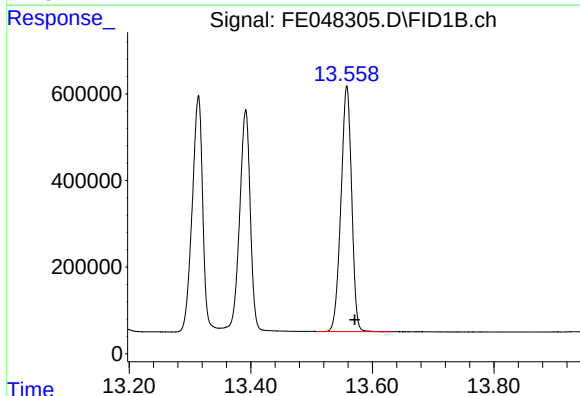
R.T.: 11.960 min
Delta R.T.: -0.011 min
Response: 7506911
Conc: 52.04 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161027BSD



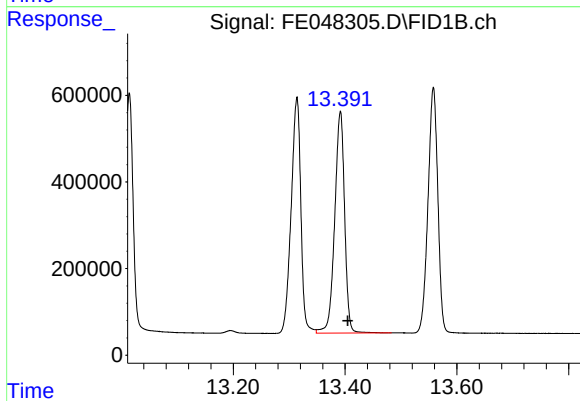
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 7170279
Conc: 53.25 ug/ml



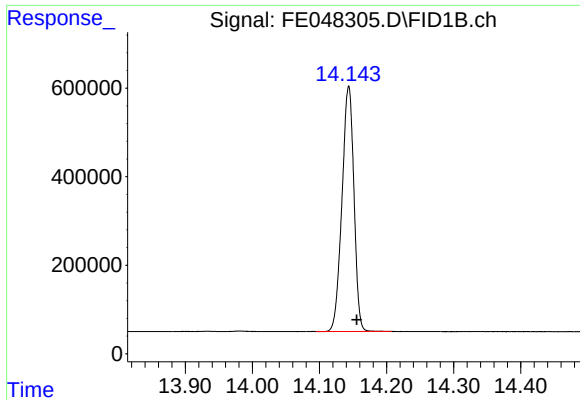
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 6915905
Conc: 52.24 ug/ml



#12 1-chlorooctadecane (SURR)

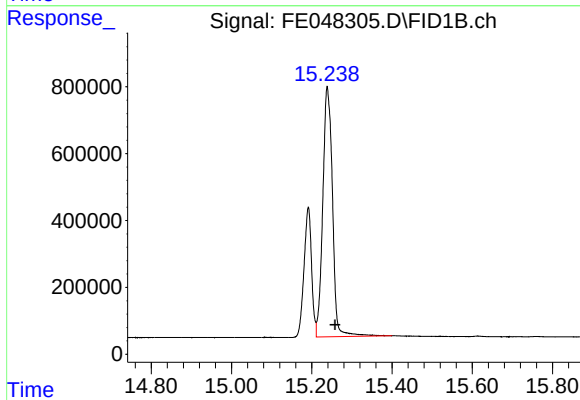
R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 6314778
Conc: 56.51 ug/ml



#13 n-Docosane (C22)

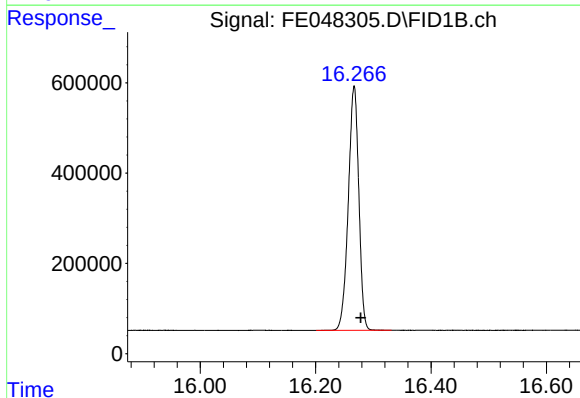
R.T.: 14.144 min
Delta R.T.: -0.012 min
Response: 6858709
Conc: 51.76 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161027BSD



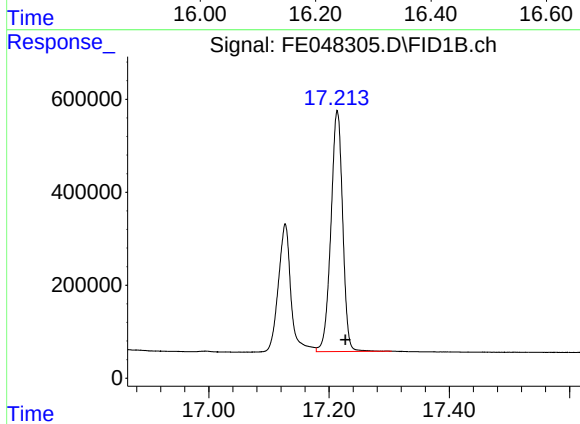
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.019 min
Response: 12559868
Conc: 94.33 ug/ml



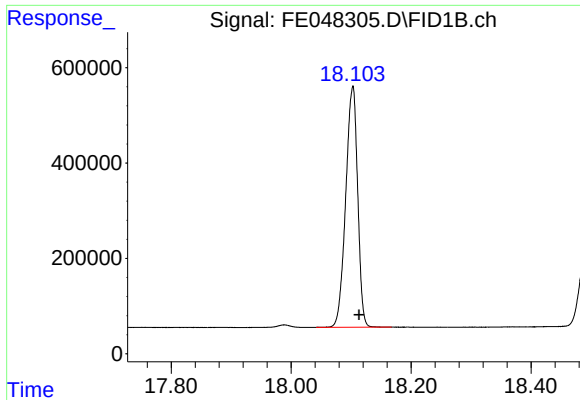
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 6841088
Conc: 51.27 ug/ml



#16 n-Octacosane (C28)

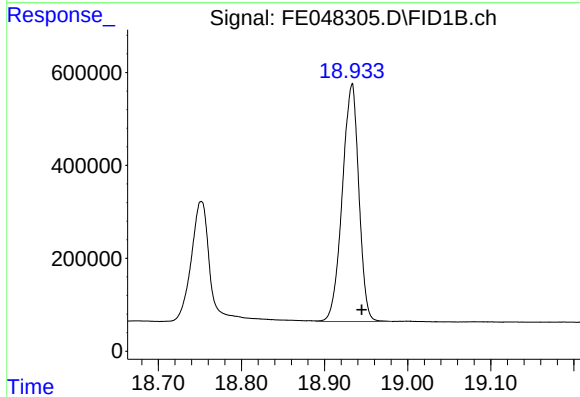
R.T.: 17.214 min
Delta R.T.: -0.014 min
Response: 7033080
Conc: 52.82 ug/ml



#17 n-Tricontane (C30)

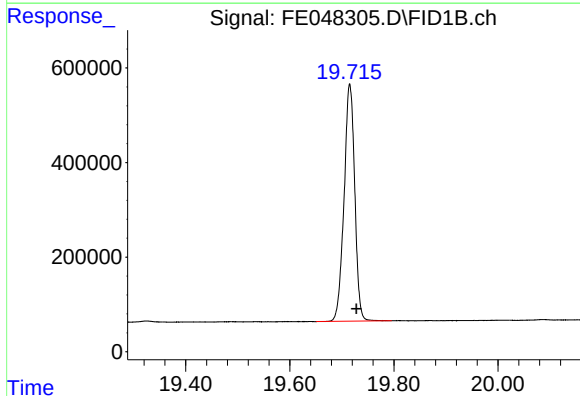
R.T.: 18.103 min
Delta R.T.: -0.010 min
Response: 6981694
Conc: 50.59 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161027BSD



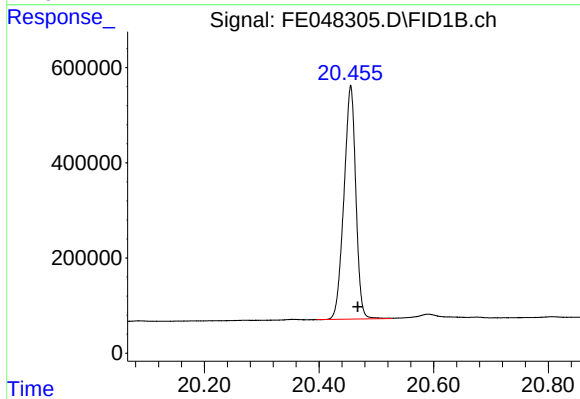
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.012 min
Response: 7083931
Conc: 51.29 ug/ml



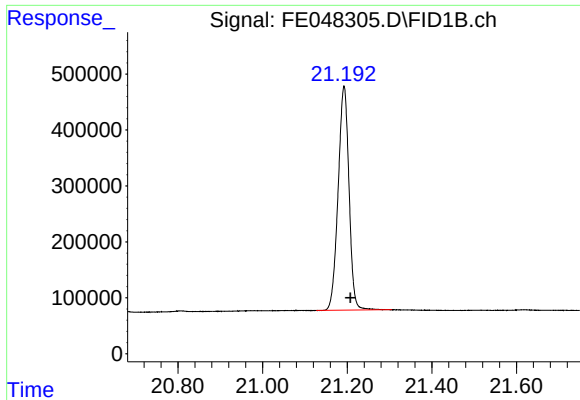
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 7148990
Conc: 52.48 ug/ml



#20 n-Hexatriacontane (C36)

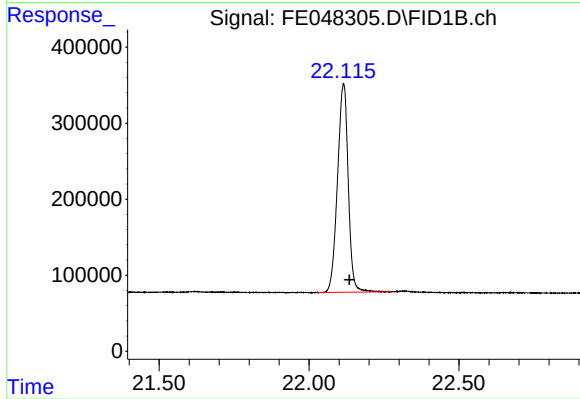
R.T.: 20.455 min
Delta R.T.: -0.012 min
Response: 7061823
Conc: 52.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.015 min
Response: 7153847
Conc: 51.81 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161027BSD



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.019 min
Response: 6843505
Conc: 49.12 ug/ml