

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051723AL\
 Data File : FE041956.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2023 16:43
 Operator : YP\AJ
 Sample : PB152850BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152850BSD

Integration File: autoint1.e
 Quant Time: May 18 01:20:53 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)	11.976	7880060	42.003 ug/ml
Spiked Amount 50.000		Recovery =	84.01%
12) S 1-chlorooctadecane (S...	13.411	6297809	44.580 ug/ml
Spiked Amount 50.000		Recovery =	89.16%
Target Compounds			
1) T n-Nonane (C9)	3.360	5204904	35.409 ug/ml
2) T n-Decane (C10)	4.608	5641125	37.613 ug/ml
3) T A~Naphthalene (C11.7)	6.312	6622158	40.016 ug/ml
4) T n-Dodecane (C12)	6.773	6372488	41.912 ug/ml
5) T A~2-methylnaphthalene...	7.409	6722908	41.693 ug/ml
6) T n-Tetradecane (C14)	8.604	6922743	45.573 ug/ml
7) T n-Hexadecane (C16)	10.211	7446947	46.665 ug/ml
8) T n-Octadecane (C18)	11.656	7469963	45.573 ug/ml
10) T n-Eicosane (C20)	12.967	7429400	46.190 ug/ml
11) T n-Heneicosane (C21)	13.578	7099135	44.545 ug/ml
13) T n-Docosane (C22)	14.165	6978646	43.800 ug/ml
14) T n-Tetracosane (C24)	15.262	13120688	81.384 ug/ml
15) T n-Hexacosane (C26)	16.291	6535520	41.339 ug/ml
16) T n-Octacosane (C28)	17.241	6357006	41.314 ug/ml
17) T n-Tricontane (C30)	18.130	6299209	41.360 ug/ml
18) T n-Dotriacontane (C32)	18.961	6176770	41.461 ug/ml
19) T n-Tetratriacontane (C34)	19.744	6248631	44.355 ug/ml
20) T n-Hexatriacontane (C36)	20.486	6094465	45.573 ug/ml
21) T n-Octatriacontane (C38)	21.239	6387232	48.339 ug/ml
22) T n-Tetracontane (C40)	22.179	6494793	51.297 ug/ml

(f)=RT Delta > 1/2 Window

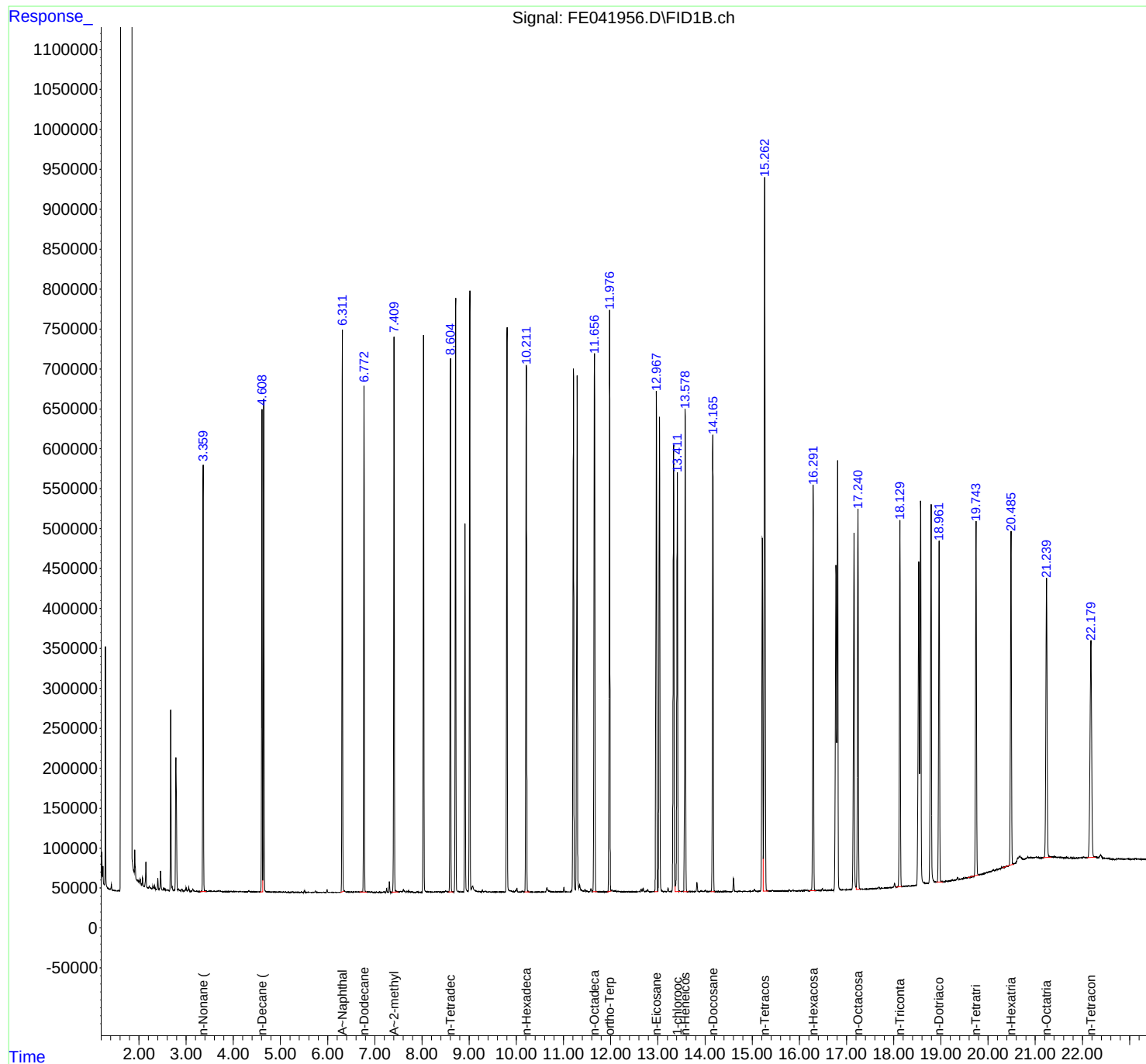
(m)=manual int.

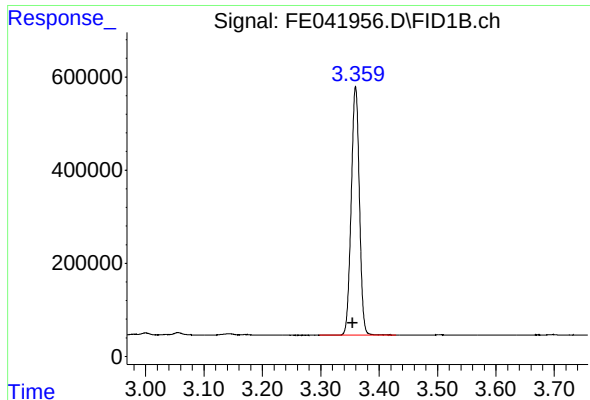
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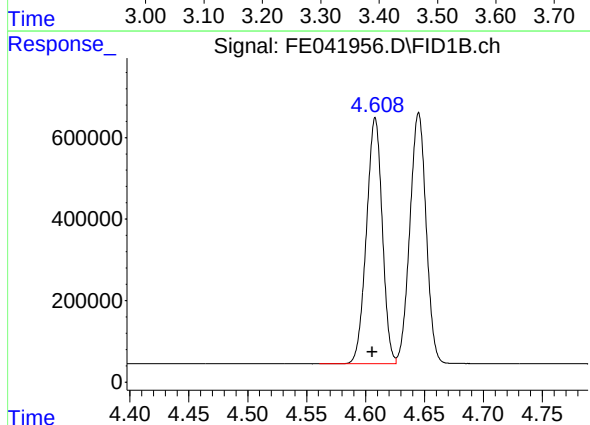




#1 n-Nonane (C9)

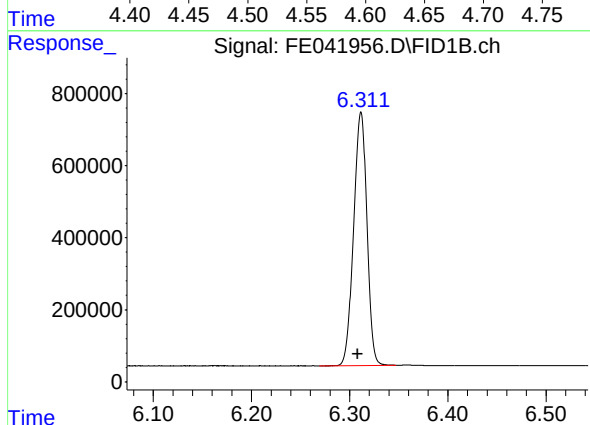
R.T.: 3.360 min
Delta R.T.: 0.005 min
Response: 5204904
Conc: 35.41 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152850BSD



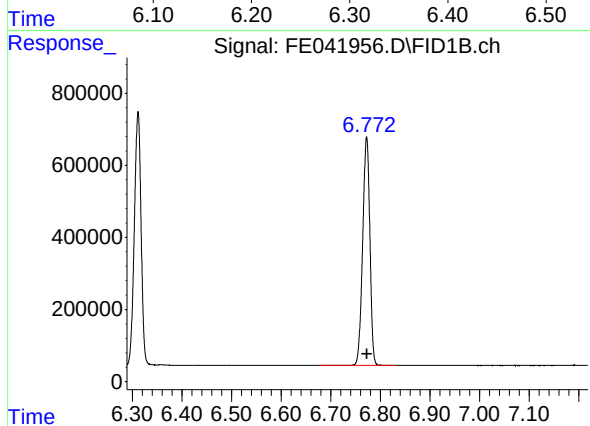
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 5641125
Conc: 37.61 ug/ml



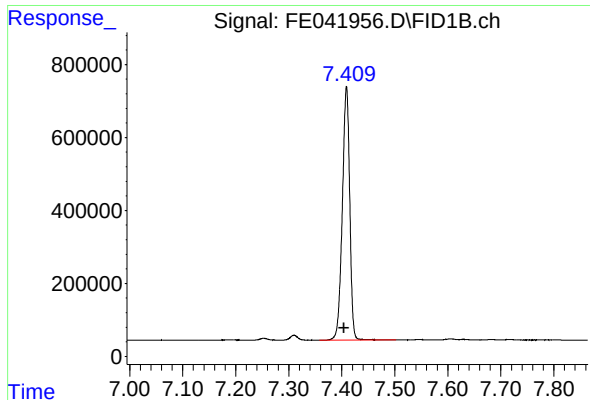
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: 0.003 min
Response: 6622158
Conc: 40.02 ug/ml



#4 n-Dodecane (C12)

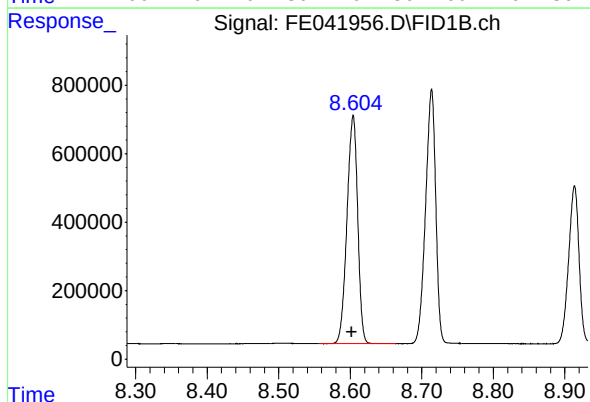
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 6372488
Conc: 41.91 ug/ml



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

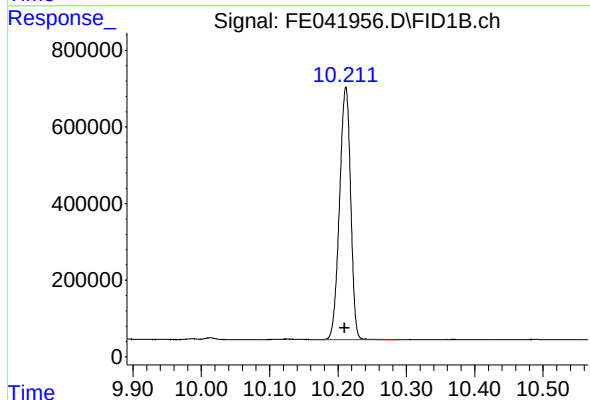
R.T.: 7.409 min
Delta R.T.: 0.005 min
Response: 6722908
Conc: 41.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152850BSD



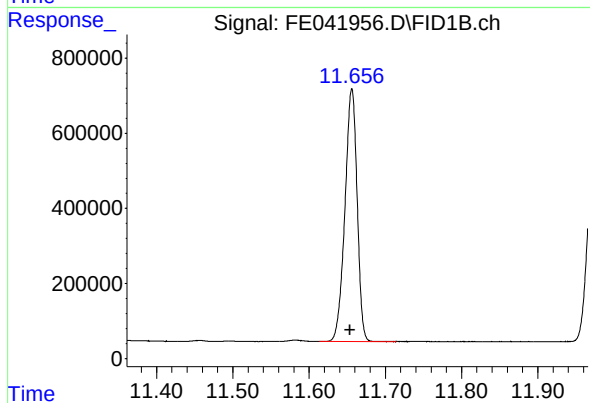
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.002 min
Response: 6922743
Conc: 45.57 ug/ml



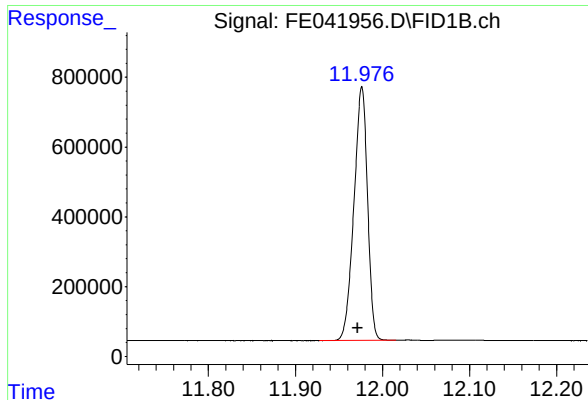
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.002 min
Response: 7446947
Conc: 46.66 ug/ml



#8 n-Octadecane (C18)

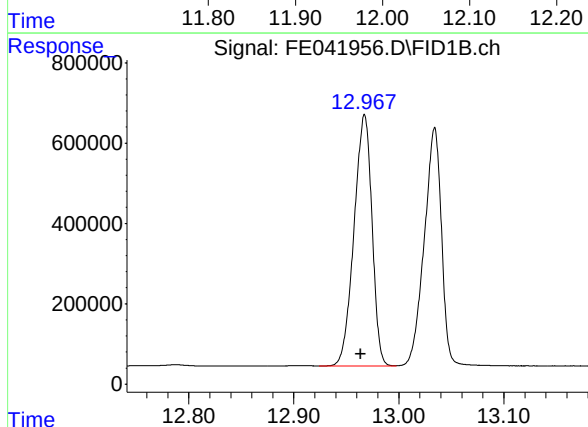
R.T.: 11.656 min
Delta R.T.: 0.002 min
Response: 7469963
Conc: 45.57 ug/ml



#9 ortho-Terphenyl (SURR)

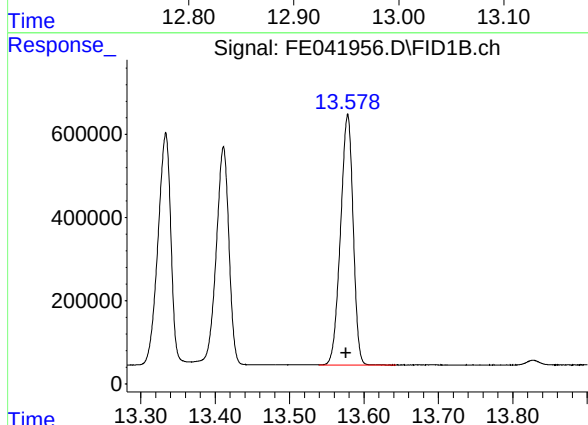
R.T.: 11.976 min
Delta R.T.: 0.005 min
Response: 7880060
Conc: 42.00 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152850BSD



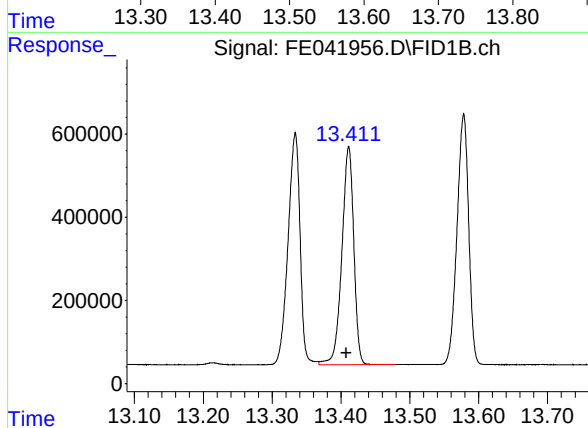
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.004 min
Response: 7429400
Conc: 46.19 ug/ml



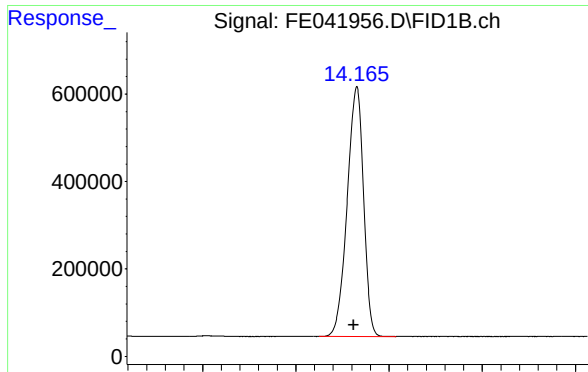
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.002 min
Response: 7099135
Conc: 44.54 ug/ml



#12 1-chlorooctadecane (SURR)

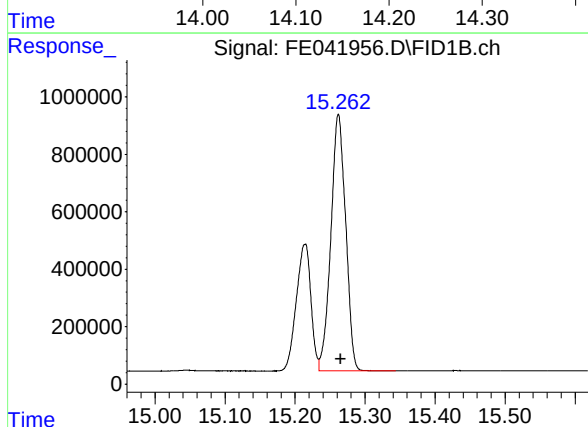
R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 6297809
Conc: 44.58 ug/ml



#13 n-Docosane (C22)

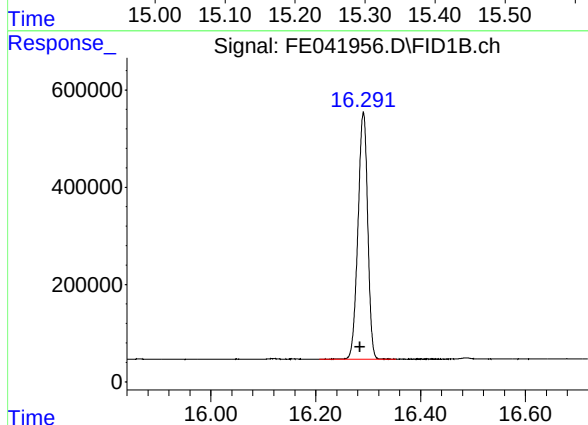
R.T.: 14.165 min
Delta R.T.: 0.004 min
Response: 6978646
Conc: 43.80 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152850BSD



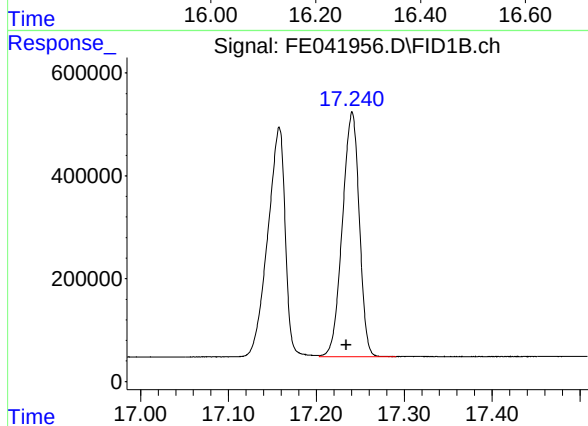
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: -0.003 min
Response: 13120688
Conc: 81.38 ug/ml



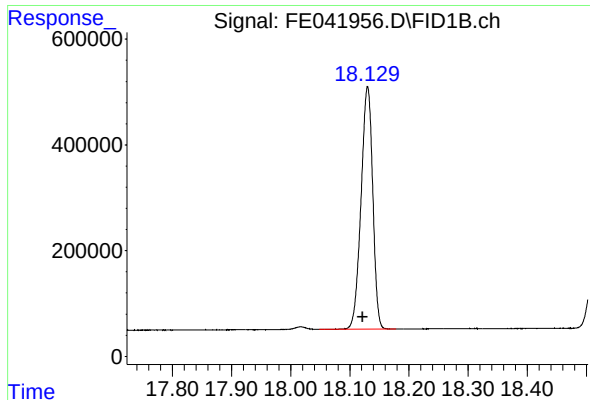
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.006 min
Response: 6535520
Conc: 41.34 ug/ml



#16 n-Octacosane (C28)

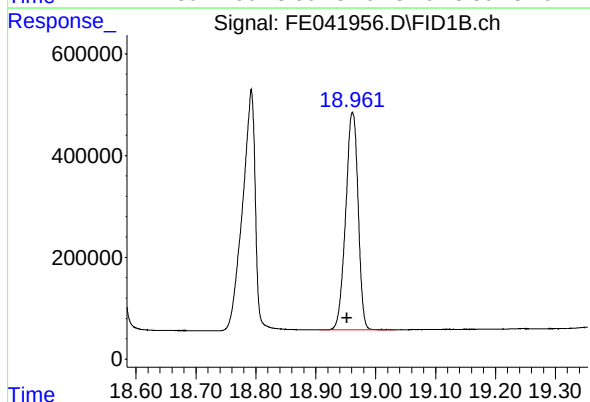
R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 6357006
Conc: 41.31 ug/ml



#17 n-Tricontane (C30)

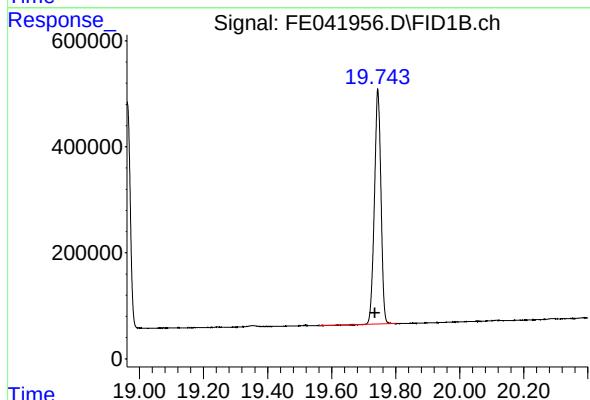
R.T.: 18.130 min
Delta R.T.: 0.009 min
Response: 6299209
Conc: 41.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152850BSD



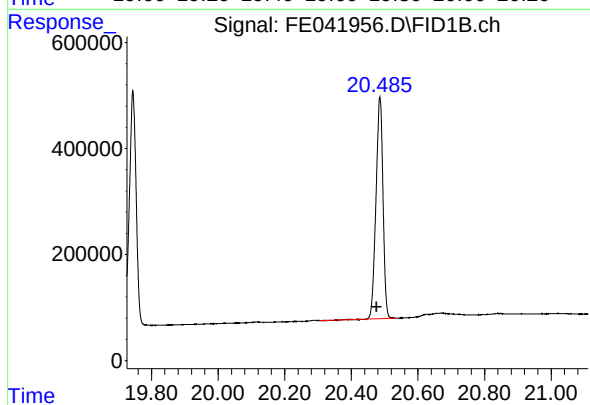
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.009 min
Response: 6176770
Conc: 41.46 ug/ml



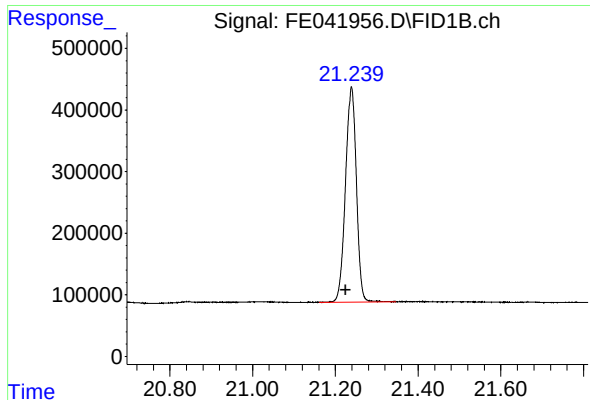
#19 n-Tetatriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 6248631
Conc: 44.36 ug/ml



#20 n-Hexatriacontane (C36)

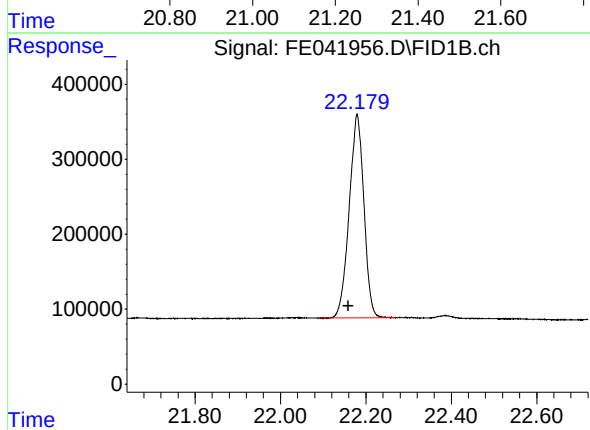
R.T.: 20.486 min
Delta R.T.: 0.010 min
Response: 6094465
Conc: 45.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.239 min
Delta R.T.: 0.014 min
Response: 6387232
Conc: 48.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152850BSD



#22 n-Tetracontane (C40)

R.T.: 22.179 min
Delta R.T.: 0.021 min
Response: 6494793
Conc: 51.30 ug/ml