

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041457.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 18:24
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 21 04:28:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 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)	11.977	9065534	50.199 ug/ml
Spiked Amount 50.000		Recovery =	100.40%
12) S 1-chlorooctadecane (S...	13.411	6873187	50.303 ug/ml
Spiked Amount 50.000		Recovery =	100.61%
Target Compounds			
1) T n-Nonane (C9)	3.357	7138139	50.266 ug/ml
2) T n-Decane (C10)	4.608	7280691	50.234 ug/ml
3) T A~Naphthalene (C11.7)	6.310	8028256	50.212 ug/ml
4) T n-Dodecane (C12)	6.776	7381795	50.202 ug/ml
5) T A~2-methylnaphthalene...	7.407	7824284	50.187 ug/ml
6) T n-Tetradecane (C14)	8.606	7394057	50.204 ug/ml
7) T n-Hexadecane (C16)	10.214	7738592	50.190 ug/ml
8) T n-Octadecane (C18)	11.658	7950942	50.226 ug/ml
10) T n-Eicosane (C20)	12.967	7791056	50.230 ug/ml
11) T n-Heneicosane (C21)	13.579	7733268	50.258 ug/ml
13) T n-Docosane (C22)	14.165	7754817	50.304 ug/ml
14) T n-Tetracosane (C24)	15.268	7829468	50.358 ug/ml
15) T n-Hexacosane (C26)	16.289	7717335	50.435 ug/ml
16) T n-Octacosane (C28)	17.238	7512025	50.487 ug/ml
17) T n-Tricontane (C30)	18.126	7456712	50.620 ug/ml
18) T n-Dotriacontane (C32)	18.957	7352234	51.023 ug/ml
19) T n-Tetratriacontane (C34)	19.738	6896010	50.644 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6556220	50.776 ug/ml
21) T n-Octatriacontane (C38)	21.227	6337565	50.605 ug/ml
22) T n-Tetracontane (C40)	22.162	6195574	50.949 ug/ml

(f)=RT Delta > 1/2 Window

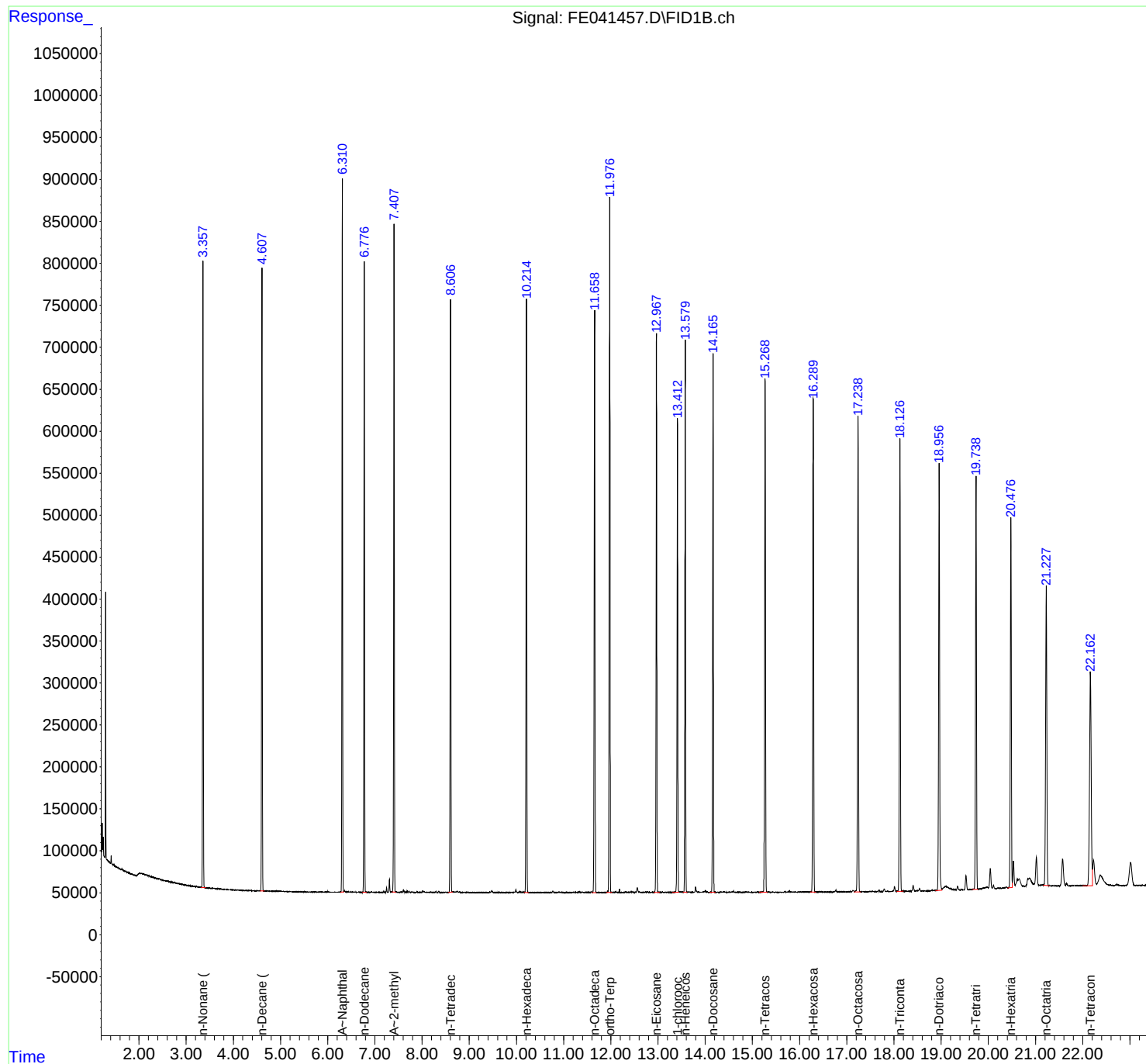
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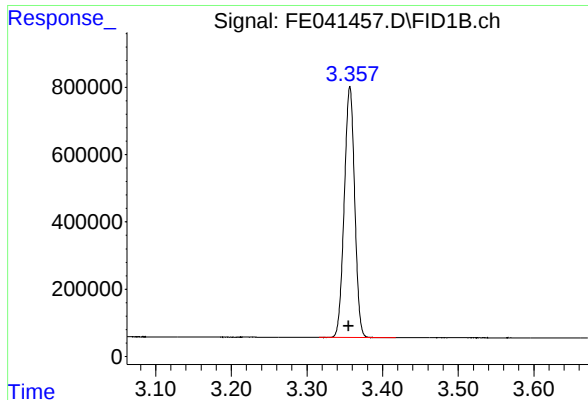
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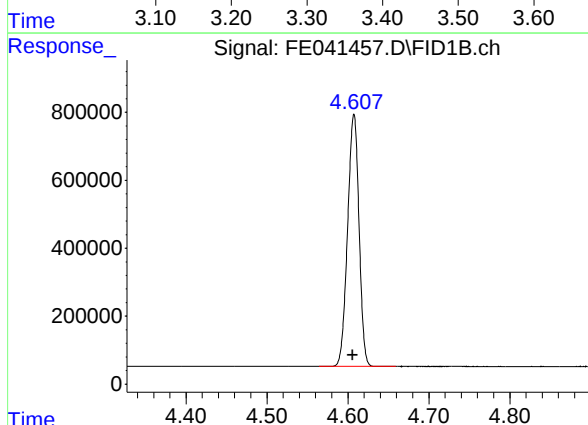




#1 n-Nonane (C9)

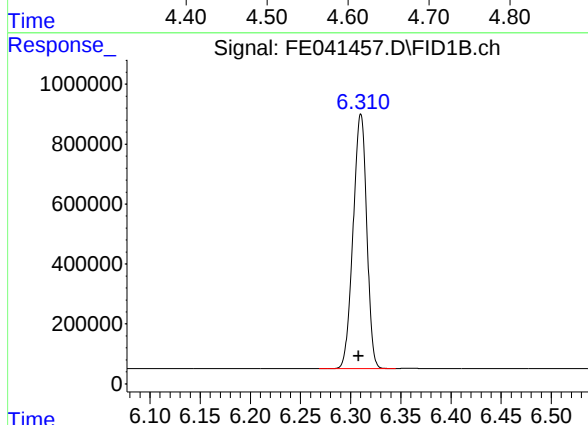
R.T.: 3.357 min
Delta R.T.: 0.002 min
Response: 7138139
Conc: 50.27 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



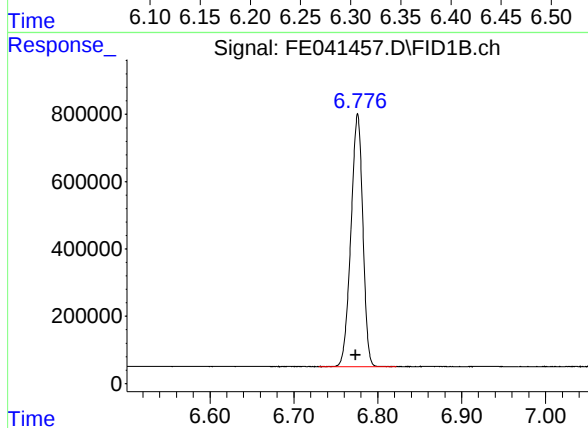
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.002 min
Response: 7280691
Conc: 50.23 ug/ml



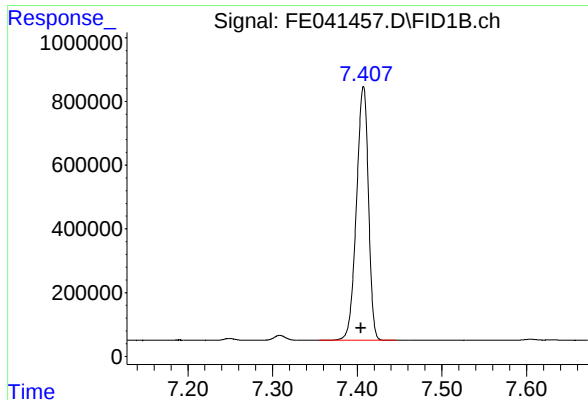
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 8028256
Conc: 50.21 ug/ml



#4 n-Dodecane (C12)

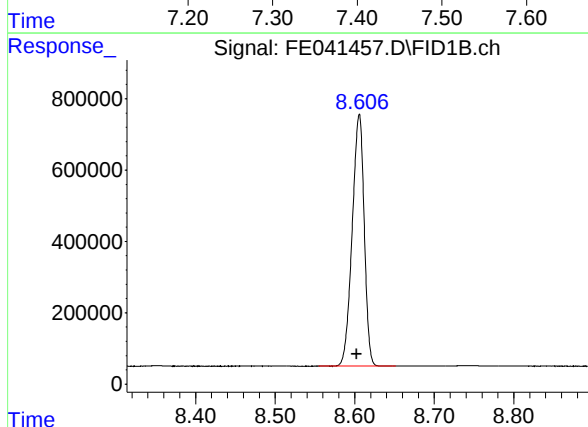
R.T.: 6.776 min
Delta R.T.: 0.003 min
Response: 7381795
Conc: 50.20 ug/ml



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

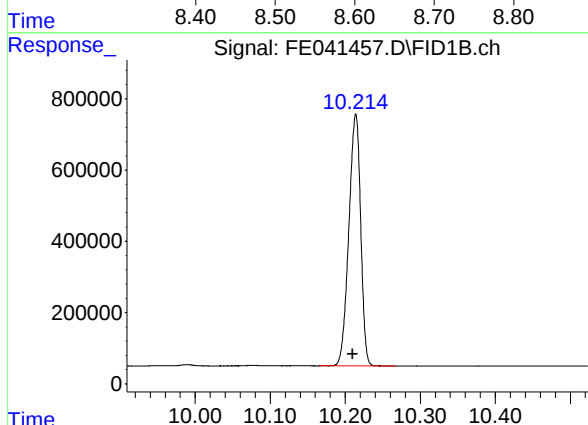
R.T.: 7.407 min
Delta R.T.: 0.003 min
Response: 7824284
Conc: 50.19 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



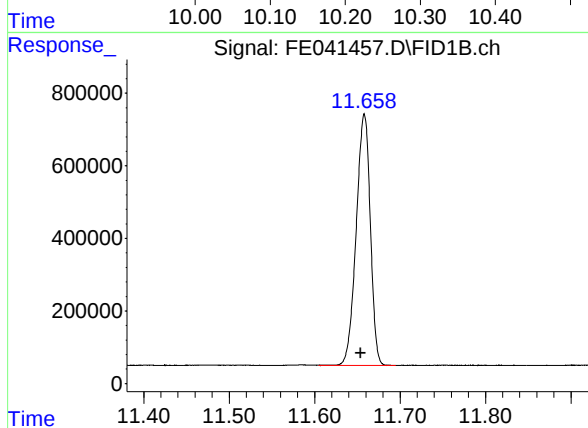
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.004 min
Response: 7394057
Conc: 50.20 ug/ml



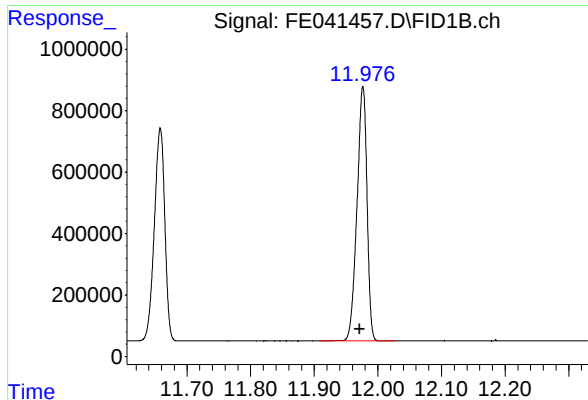
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.004 min
Response: 7738592
Conc: 50.19 ug/ml



#8 n-Octadecane (C18)

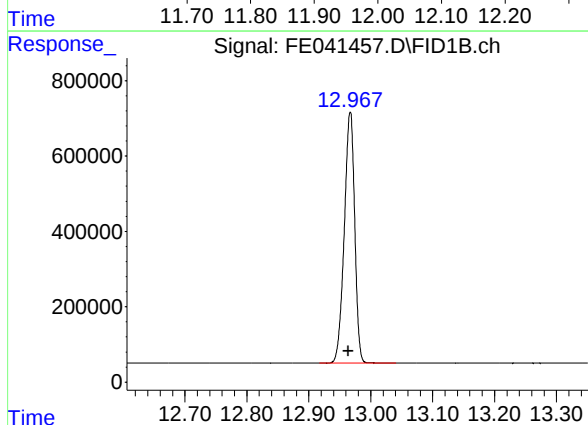
R.T.: 11.658 min
Delta R.T.: 0.004 min
Response: 7950942
Conc: 50.23 ug/ml



#9 ortho-Terphenyl (SURR)

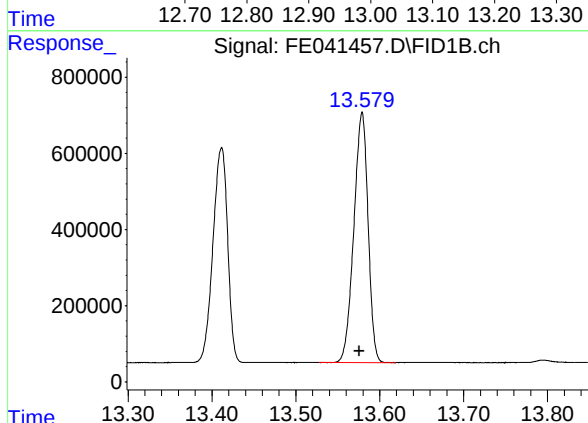
R.T.: 11.977 min
Delta R.T.: 0.005 min
Response: 9065534
Conc: 50.20 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



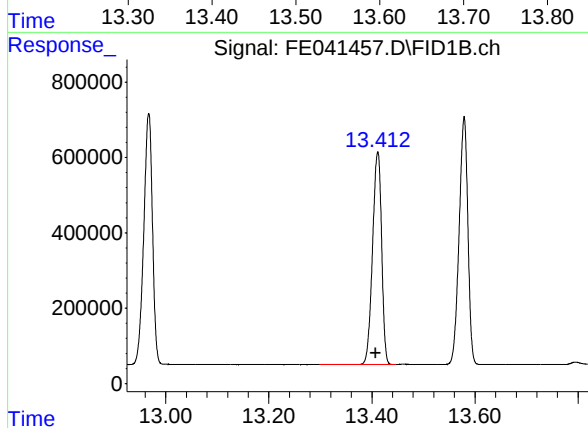
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 7791056
Conc: 50.23 ug/ml



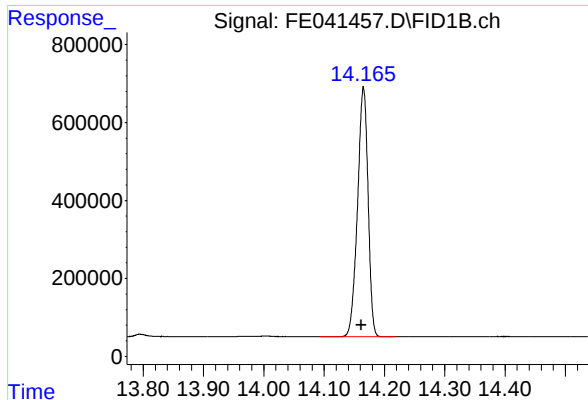
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 7733268
Conc: 50.26 ug/ml



#12 1-chlorooctadecane (SURR)

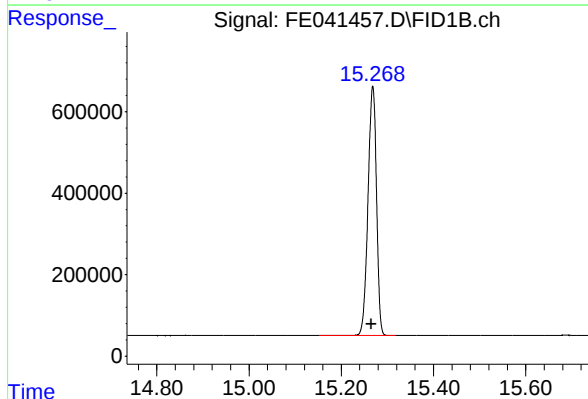
R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 6873187
Conc: 50.30 ug/ml



#13 n-Docosane (C22)

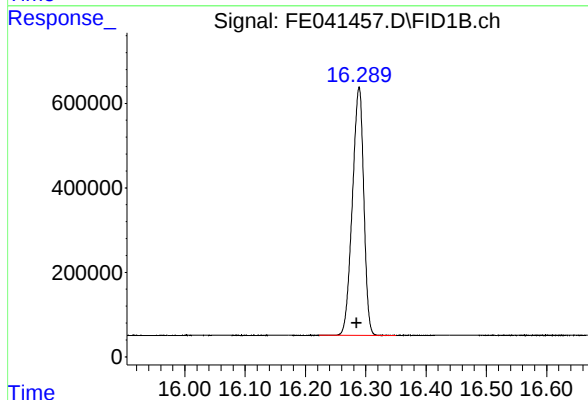
R.T.: 14.165 min
Delta R.T.: 0.003 min
Response: 7754817
Conc: 50.30 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



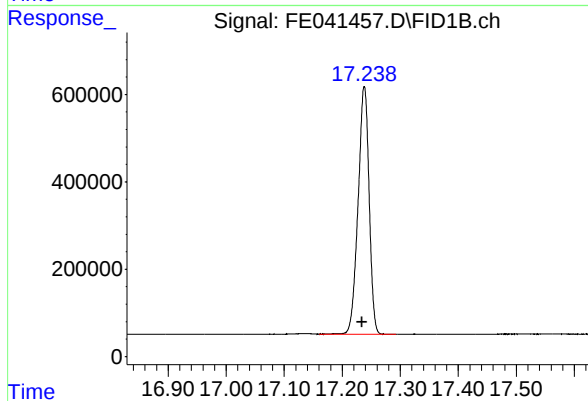
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.003 min
Response: 7829468
Conc: 50.36 ug/ml



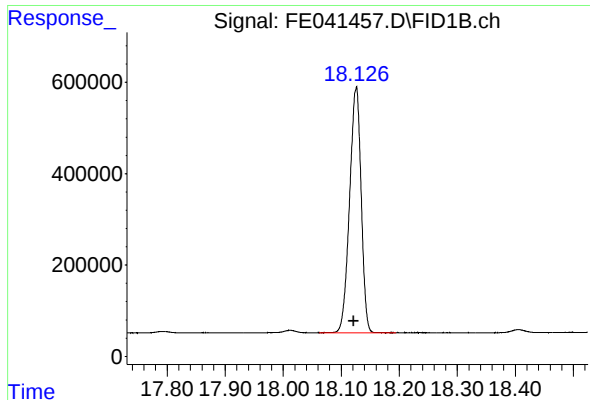
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.004 min
Response: 7717335
Conc: 50.43 ug/ml



#16 n-Octacosane (C28)

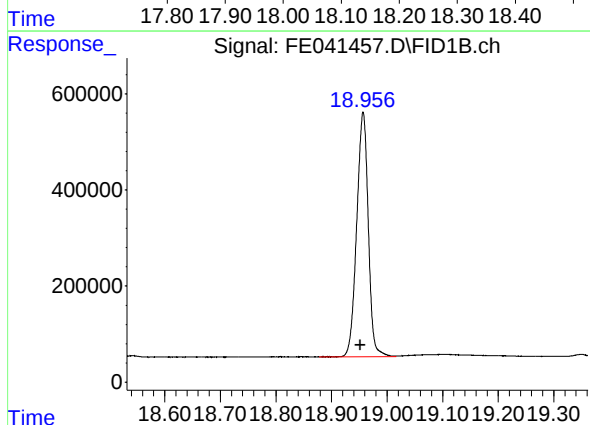
R.T.: 17.238 min
Delta R.T.: 0.004 min
Response: 7512025
Conc: 50.49 ug/ml



#17 n-Tricontane (C30)

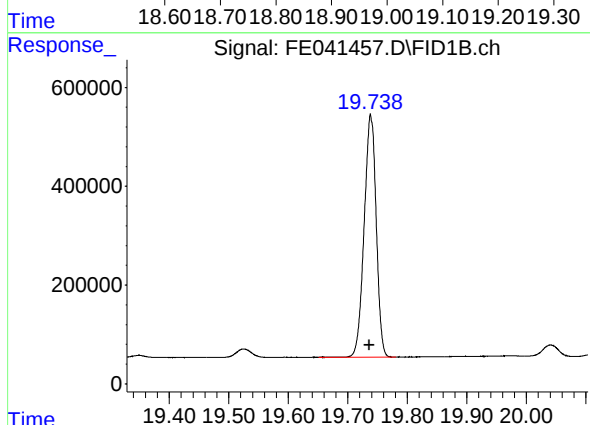
R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 7456712
Conc: 50.62 ug/ml

Instrument :
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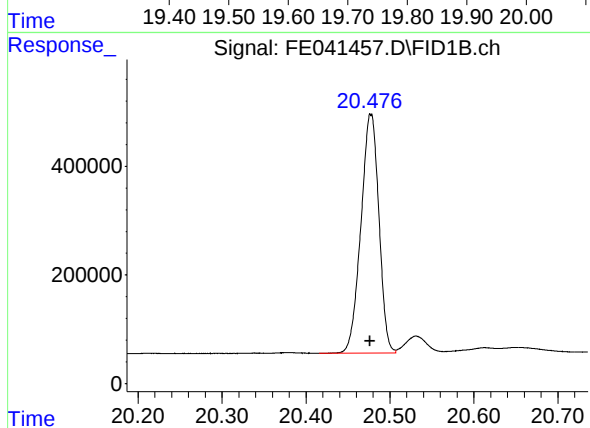
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.005 min
Response: 7352234
Conc: 51.02 ug/ml



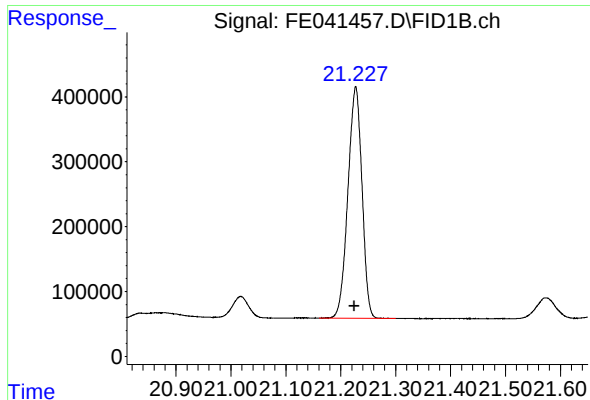
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.003 min
Response: 6896010
Conc: 50.64 ug/ml



#20 n-Hexatriacontane (C36)

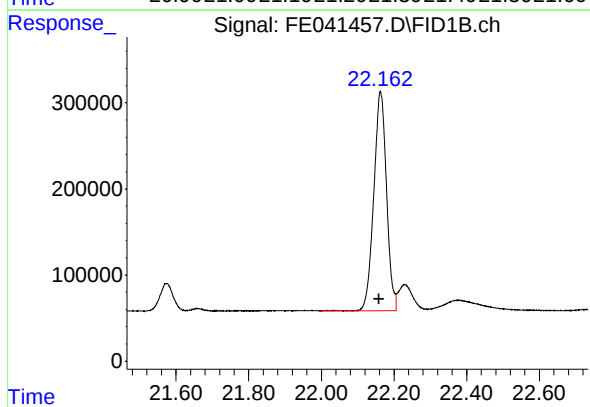
R.T.: 20.477 min
Delta R.T.: 0.001 min
Response: 6556220
Conc: 50.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.003 min
Response: 6337565
Conc: 50.60 ug/ml

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ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.004 min
Response: 6195574
Conc: 50.95 ug/ml