

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041973.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 03:50
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 18 04:57:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 04:52:16 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)	11.974	8654083	49.254 ug/ml
Spiked Amount 50.000		Recovery =	98.51%
12) S 1-chlorooctadecane (S...	13.408	6446031	49.288 ug/ml
Spiked Amount 50.000		Recovery =	98.58%
Target Compounds			
1) T n-Nonane (C9)	3.350	7097526	49.383 ug/ml
2) T n-Decane (C10)	4.603	7278549	49.277 ug/ml
3) T A~Naphthalene (C11.7)	6.310	8071151	49.421 ug/ml
4) T n-Dodecane (C12)	6.772	7376657	49.324 ug/ml
5) T A~2-methylnaphthalene...	7.408	7856637	49.354 ug/ml
6) T n-Tetradecane (C14)	8.601	7371959	49.313 ug/ml
7) T n-Hexadecane (C16)	10.209	7652567	49.254 ug/ml
8) T n-Octadecane (C18)	11.653	7750378	49.281 ug/ml
10) T n-Eicosane (C20)	12.963	7412340	49.249 ug/ml
11) T n-Heneicosane (C21)	13.575	7251213	49.269 ug/ml
13) T n-Docosane (C22)	14.162	7153667	49.234 ug/ml
14) T n-Tetracosane (C24)	15.266	6986090	49.168 ug/ml
15) T n-Hexacosane (C26)	16.286	6707209	49.171 ug/ml
16) T n-Octacosane (C28)	17.235	6426395	48.996 ug/ml
17) T n-Tricontane (C30)	18.122	6412554	48.776 ug/ml
18) T n-Dotriacontane (C32)	18.956	6307143	48.736 ug/ml
19) T n-Tetratriacontane (C34)	19.740	6296243	49.158 ug/ml
20) T n-Hexatriacontane (C36)	20.481	6338553	49.774 ug/ml
21) T n-Octatriacontane (C38)	21.233	6632860	50.235 ug/ml
22) T n-Tetracontane (C40)	22.175	6806519	50.255 ug/ml

(f)=RT Delta > 1/2 Window

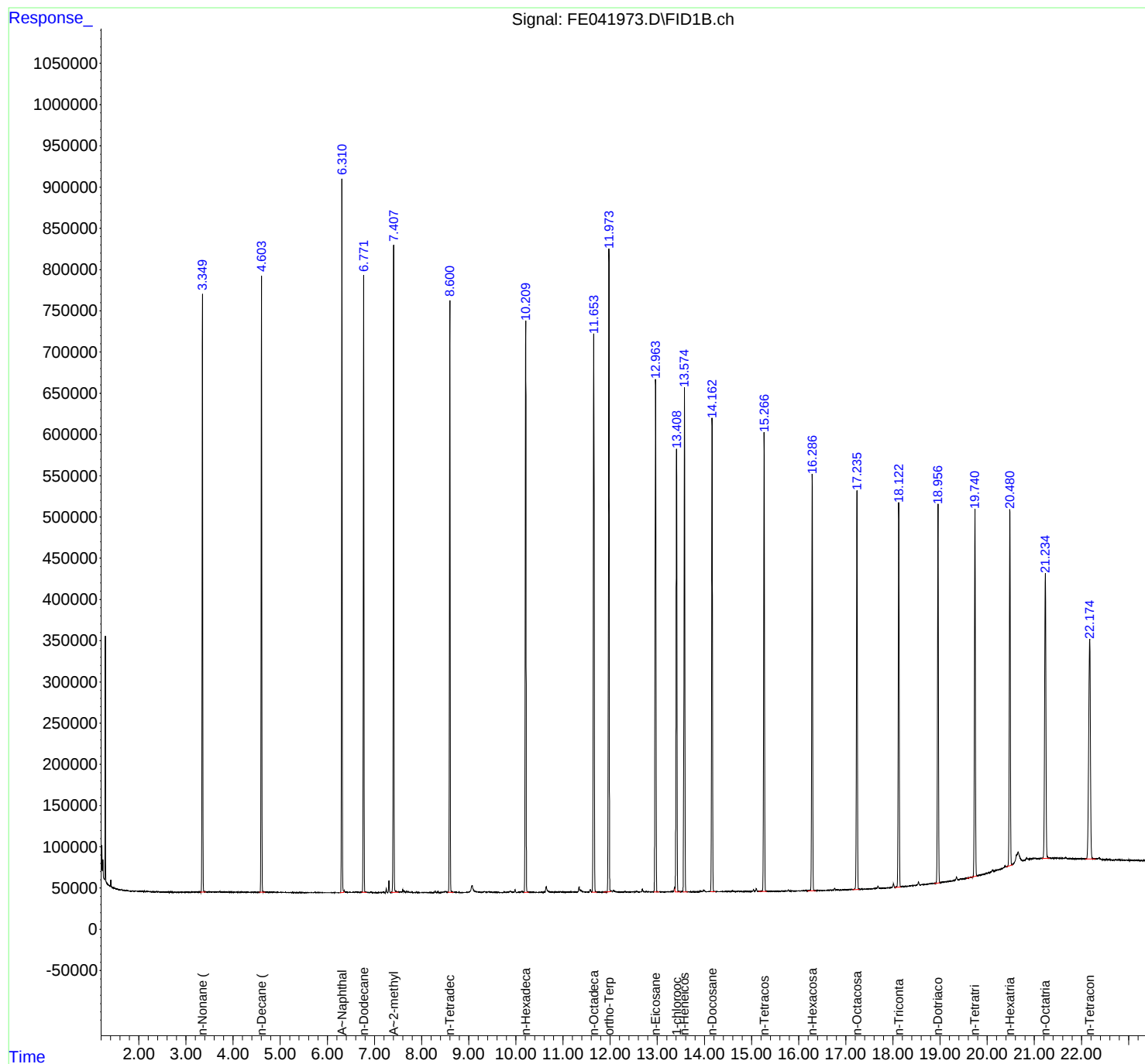
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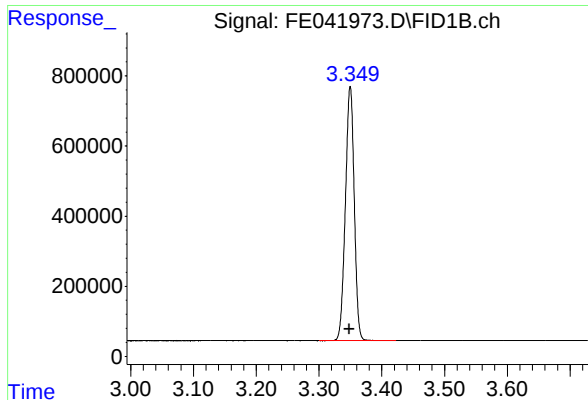
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
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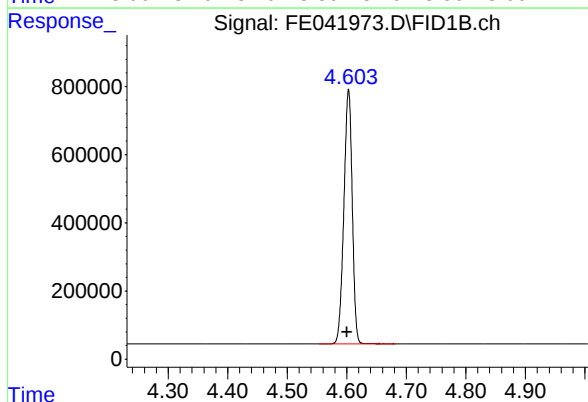




#1 n-Nonane (C9)

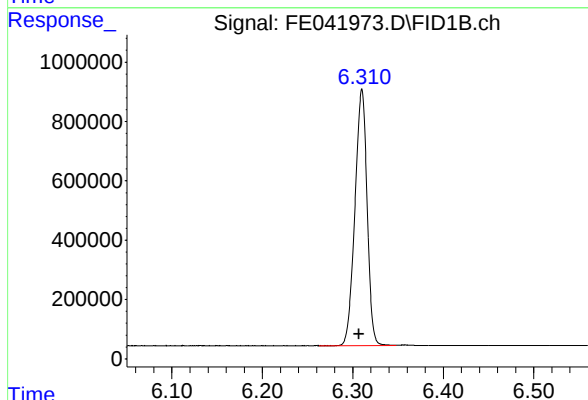
R.T.: 3.350 min
Delta R.T.: 0.002 min
Response: 7097526
Conc: 49.38 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



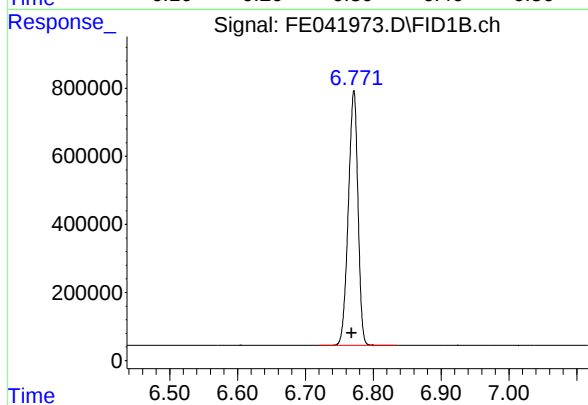
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: 0.003 min
Response: 7278549
Conc: 49.28 ug/ml



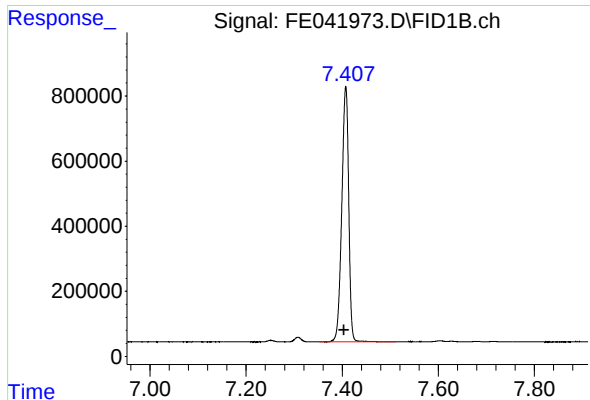
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.003 min
Response: 8071151
Conc: 49.42 ug/ml



#4 n-Dodecane (C12)

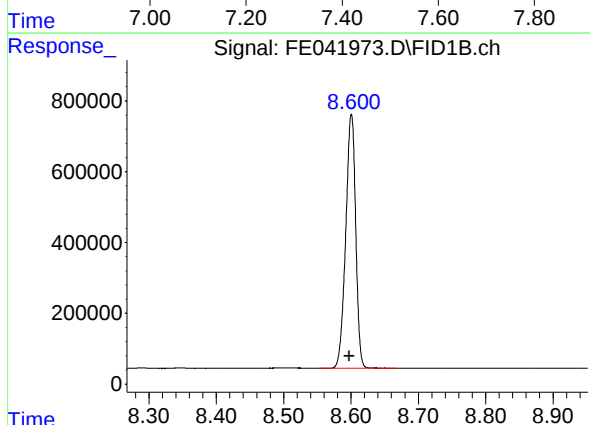
R.T.: 6.772 min
Delta R.T.: 0.003 min
Response: 7376657
Conc: 49.32 ug/ml



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

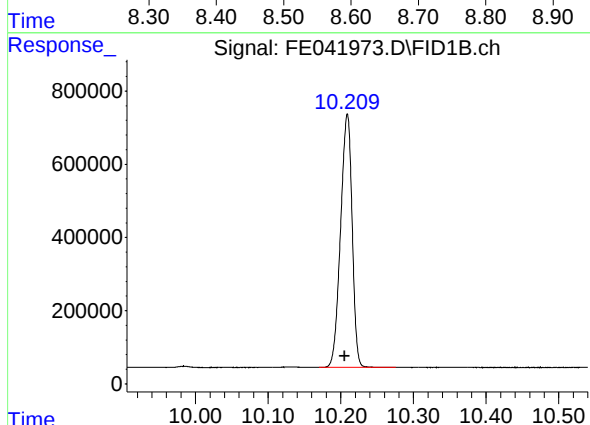
R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 7856637
Conc: 49.35 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



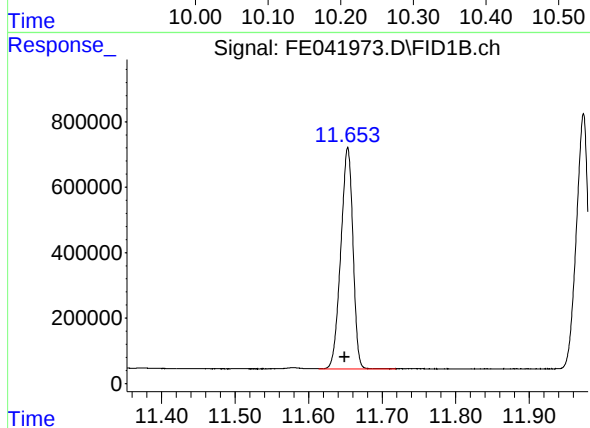
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.003 min
Response: 7371959
Conc: 49.31 ug/ml



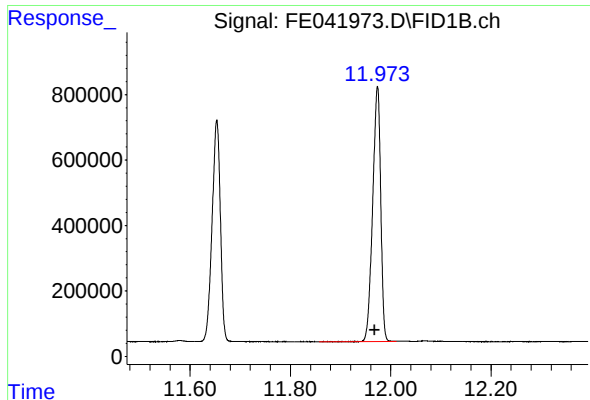
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.004 min
Response: 7652567
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

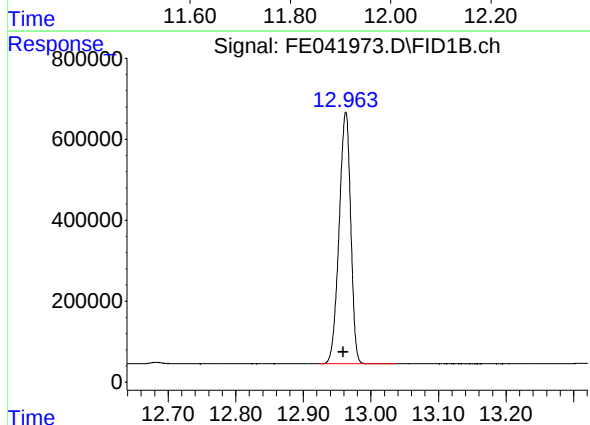
R.T.: 11.653 min
Delta R.T.: 0.004 min
Response: 7750378
Conc: 49.28 ug/ml



#9 ortho-Terphenyl (SURR)

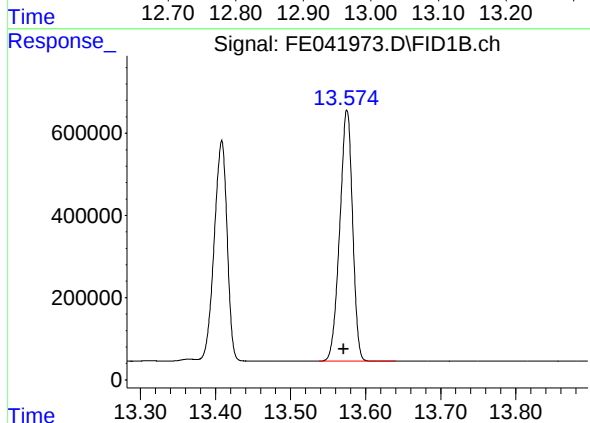
R.T.: 11.974 min
Delta R.T.: 0.006 min
Response: 8654083
Conc: 49.25 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



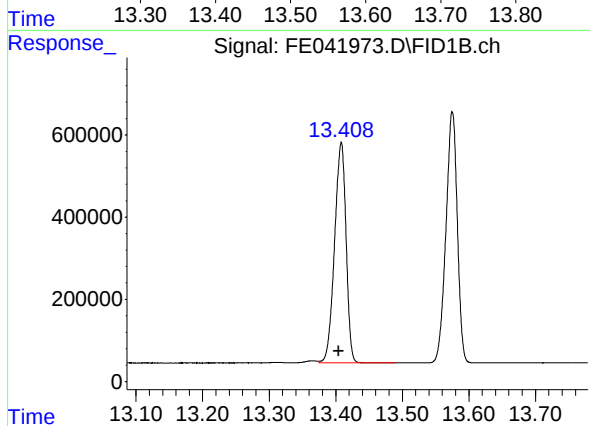
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.004 min
Response: 7412340
Conc: 49.25 ug/ml



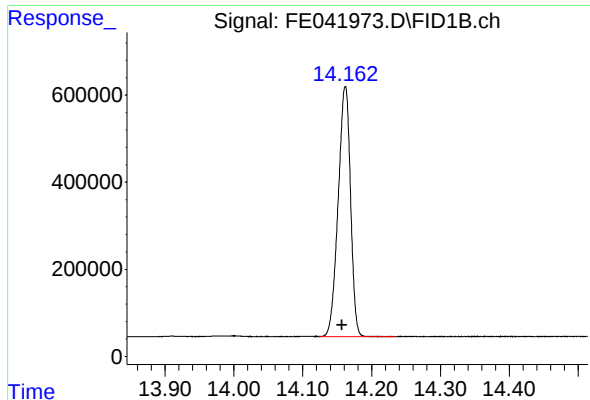
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.004 min
Response: 7251213
Conc: 49.27 ug/ml



#12 1-chlorooctadecane (SURR)

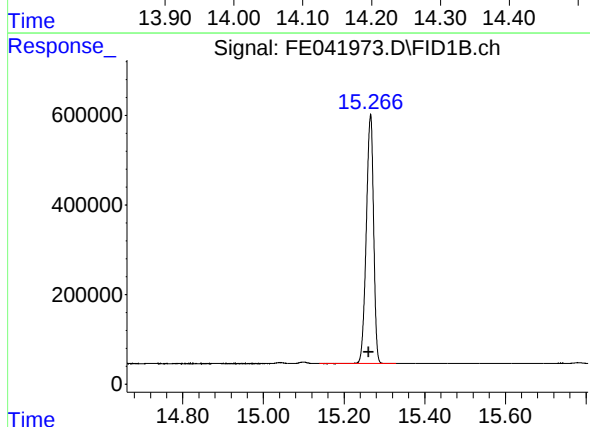
R.T.: 13.408 min
Delta R.T.: 0.004 min
Response: 6446031
Conc: 49.29 ug/ml



#13 n-Docosane (C22)

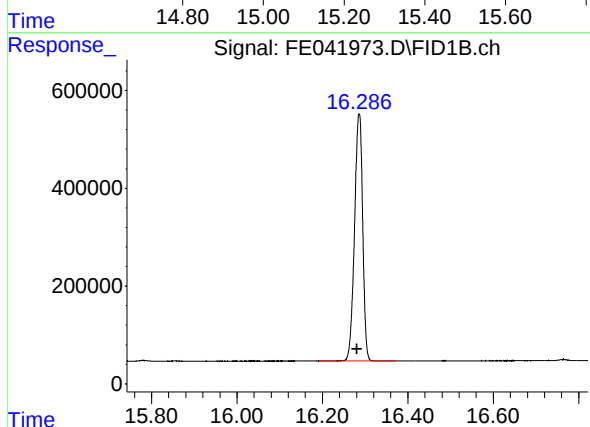
R.T.: 14.162 min
Delta R.T.: 0.005 min
Response: 7153667
Conc: 49.23 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



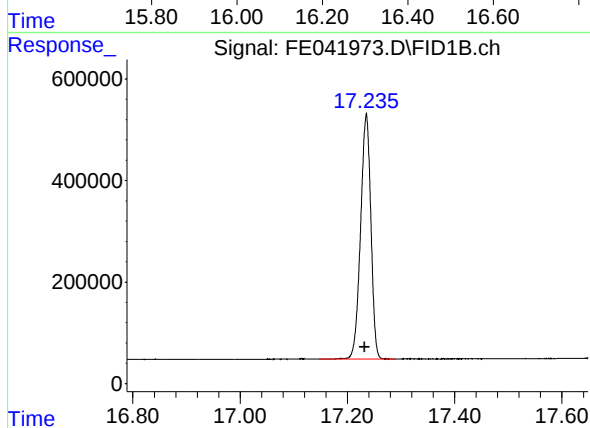
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.005 min
Response: 6986090
Conc: 49.17 ug/ml



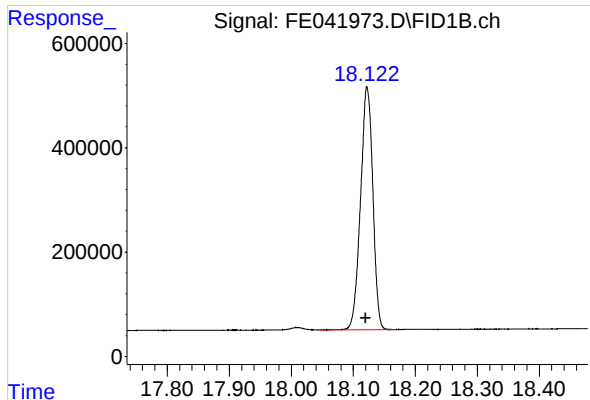
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.005 min
Response: 6707209
Conc: 49.17 ug/ml



#16 n-Octacosane (C28)

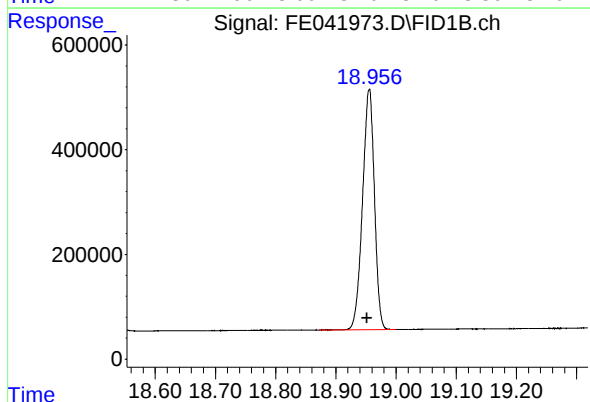
R.T.: 17.235 min
Delta R.T.: 0.003 min
Response: 6426395
Conc: 49.00 ug/ml



#17 n-Tricontane (C30)

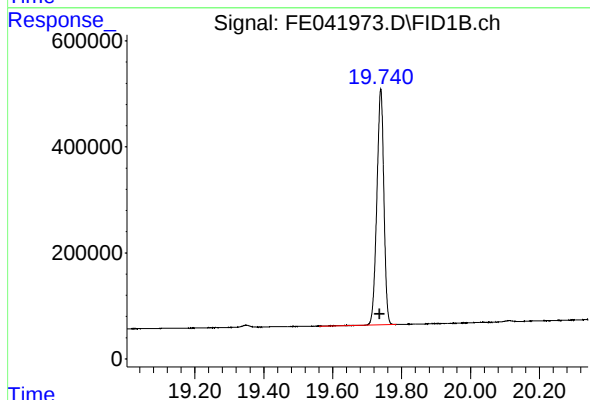
R.T.: 18.122 min
Delta R.T.: 0.003 min
Response: 6412554
Conc: 48.78 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



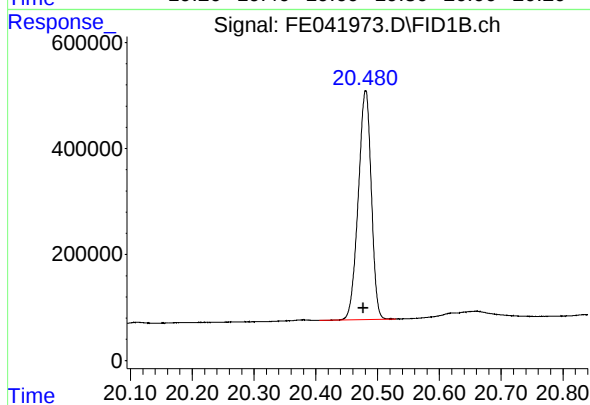
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.004 min
Response: 6307143
Conc: 48.74 ug/ml



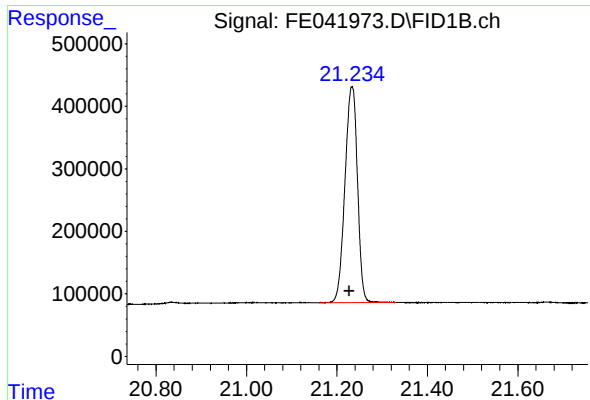
#19 n-Tetatriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.003 min
Response: 6296243
Conc: 49.16 ug/ml



#20 n-Hexatriacontane (C36)

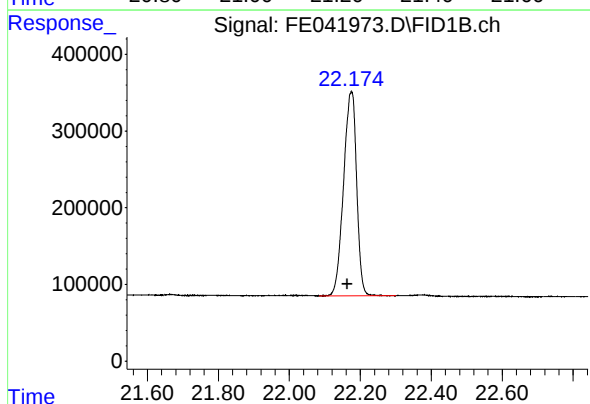
R.T.: 20.481 min
Delta R.T.: 0.004 min
Response: 6338553
Conc: 49.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.006 min
Response: 6632860
Conc: 50.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.175 min
Delta R.T.: 0.012 min
Response: 6806519
Conc: 50.26 ug/ml