

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034881.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 17:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: sample.E
 Quant Time: Feb 08 21:58:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 21:57:39 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.138	5937482	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.567	4533654	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.996	5146621	20.000 ug/ml
2) T n-Decane (C10)	4.014	5204487	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.574	5822032	20.000 ug/ml
4) T n-Dodecane (C12)	6.004	5216475	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.622	5863395	20.000 ug/ml
6) T n-Tetradecane (C14)	7.790	5299578	20.000 ug/ml
7) T n-Hexadecane (C16)	9.386	5314943	20.000 ug/ml
8) T n-Octadecane (C18)	10.823	5402566	20.000 ug/ml
10) T n-Eicosane (C20)	12.126	5290831	20.000 ug/ml
11) T n-Heneicosane (C21)	12.736	5306229	20.000 ug/ml
13) T n-Docosane (C22)	13.319	5224536	20.000 ug/ml
14) T n-Tetracosane (C24)	14.418	5139141	20.000 ug/ml
15) T n-Hexacosane (C26)	15.434	4937783	20.000 ug/ml
16) T n-Octacosane (C28)	16.380	4801690	20.000 ug/ml
17) T n-Tricontane (C30)	17.264	4620133	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.093	4282906	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.872	4051208	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.609	3813778	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.323	3670579	20.000 ug/ml
22) T n-Tetracontane (C40)	21.175	3720449	20.000 ug/ml

(f)=RT Delta > 1/2 Window

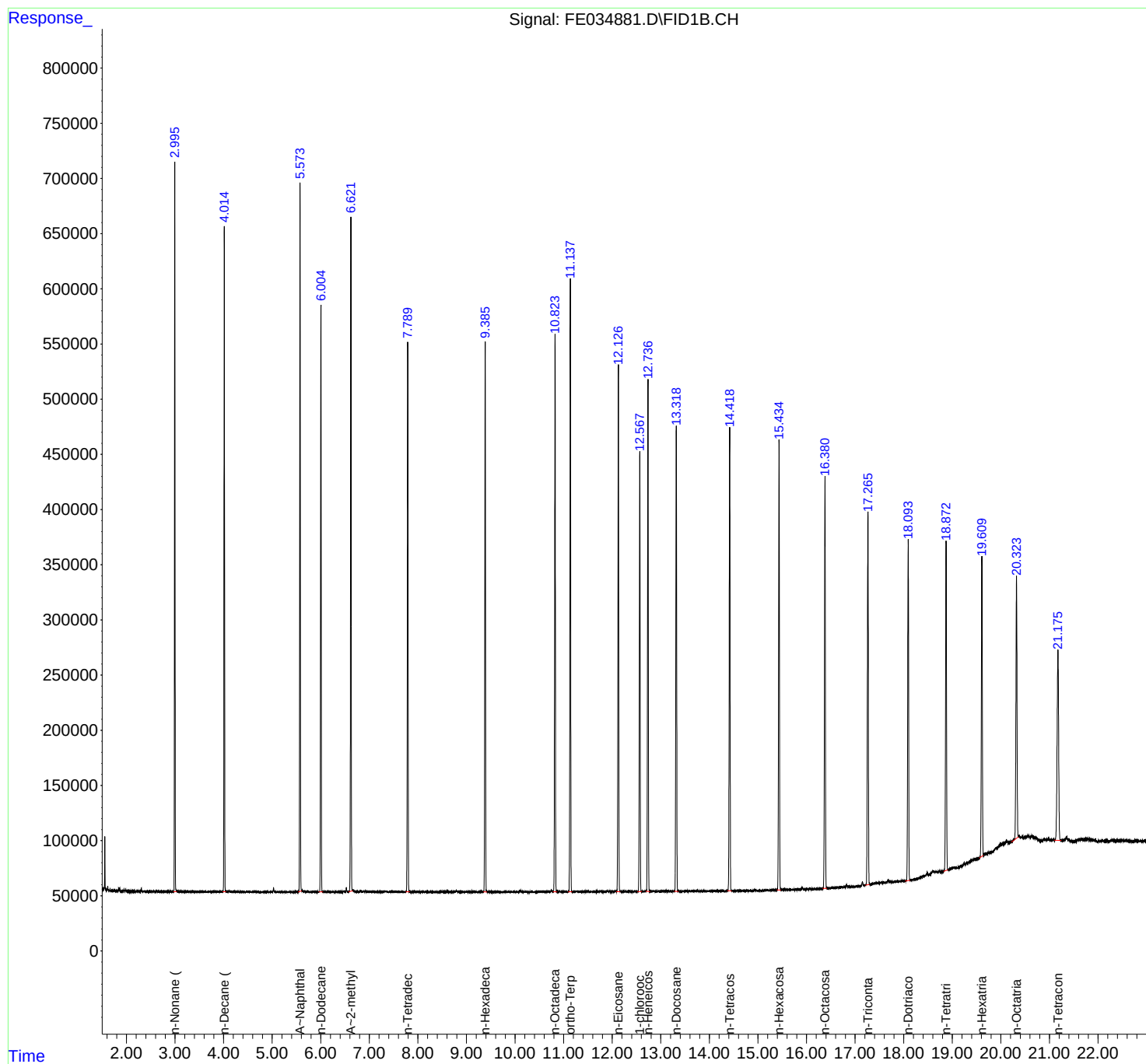
(m)=manual int.

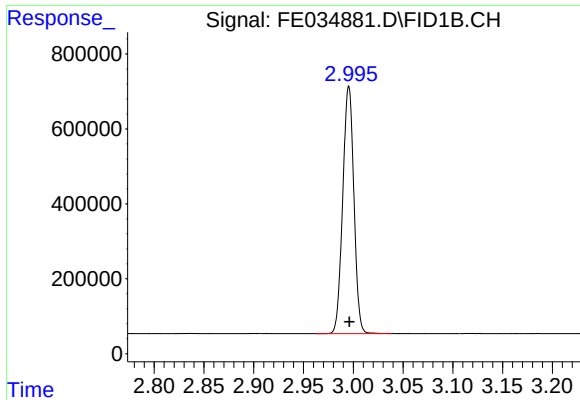
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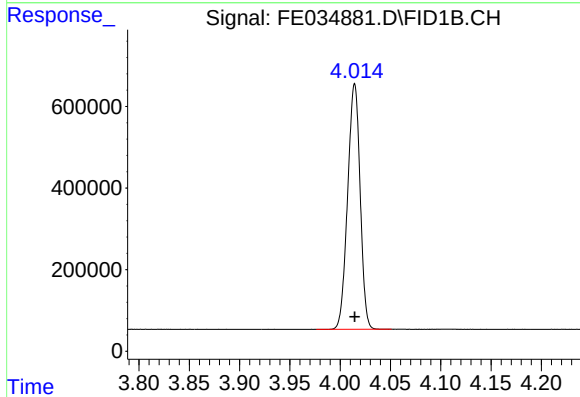




#1 n-Nonane (C9)

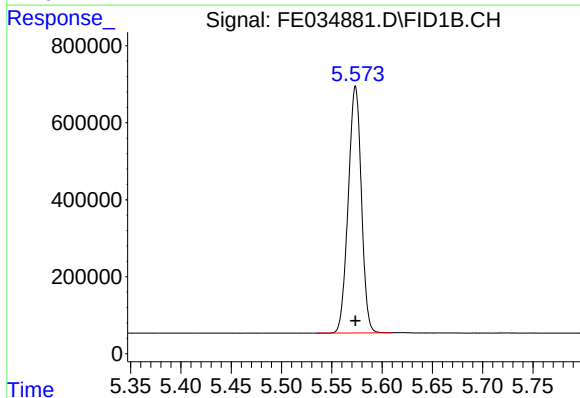
R.T.: 2.996 min
Delta R.T.: 0.000 min
Response: 5146621
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



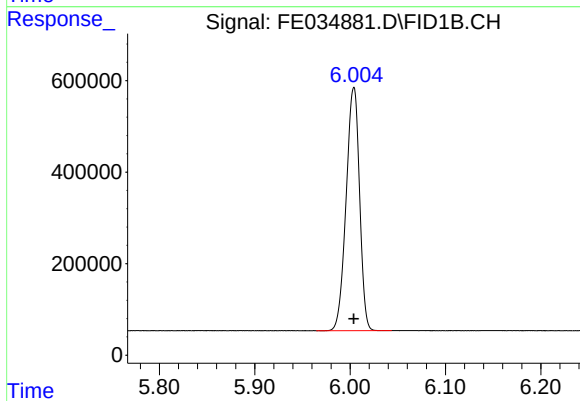
#2 n-Decane (C10)

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 5204487
Conc: 20.00 ug/ml



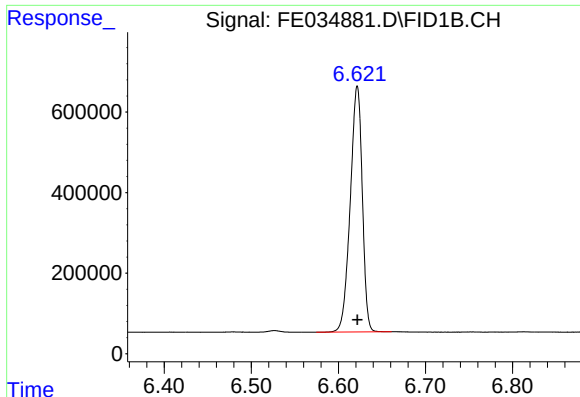
#3 A~Naphthalene (C11.7)

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 5822032
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

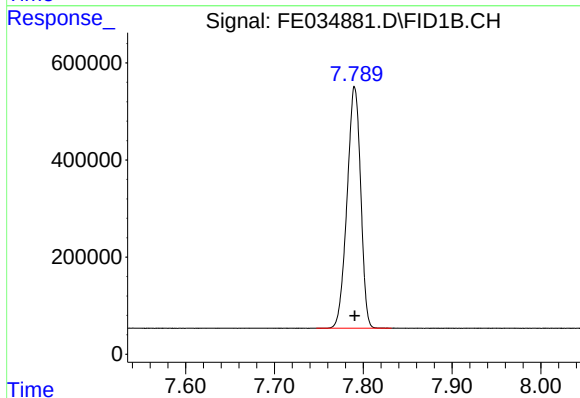
R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 5216475
Conc: 20.00 ug/ml



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

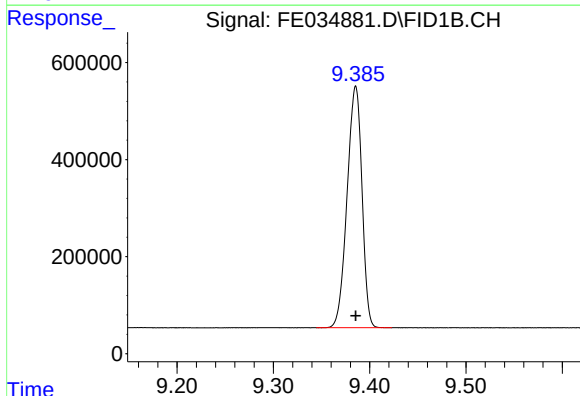
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 5863395
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



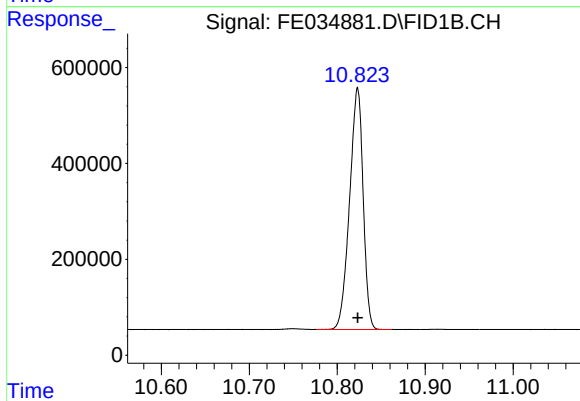
#6 n-Tetradecane (C14)

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 5299578
Conc: 20.00 ug/ml



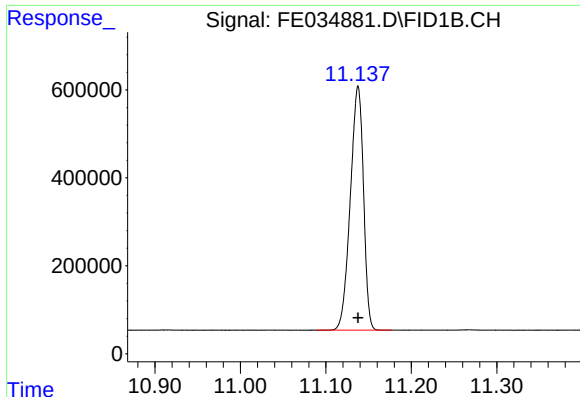
#7 n-Hexadecane (C16)

R.T.: 9.386 min
Delta R.T.: 0.000 min
Response: 5314943
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

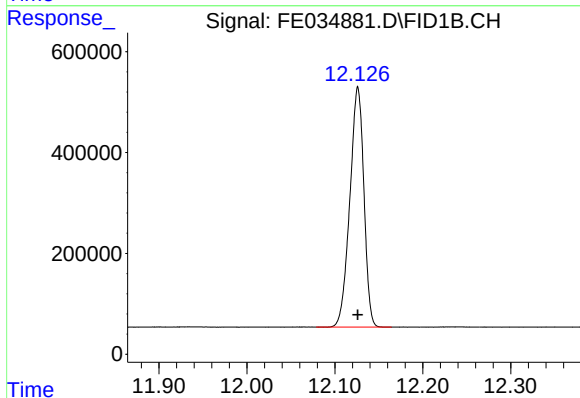
R.T.: 10.823 min
Delta R.T.: 0.000 min
Response: 5402566
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

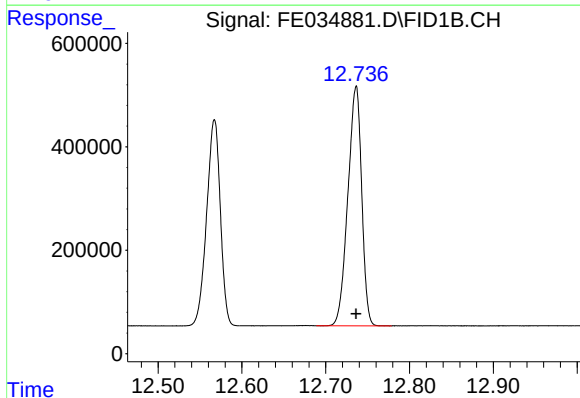
R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 5937482
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



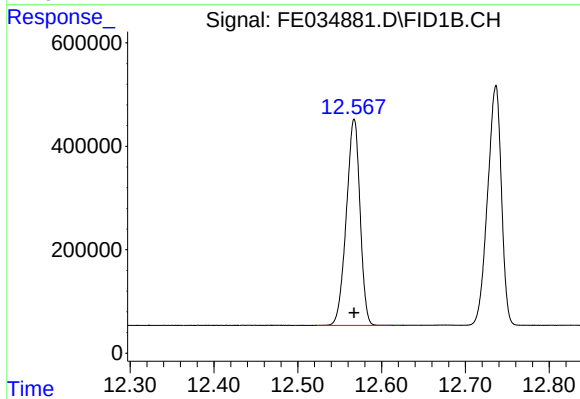
#10 n-Eicosane (C20)

R.T.: 12.126 min
Delta R.T.: 0.000 min
Response: 5290831
Conc: 20.00 ug/ml



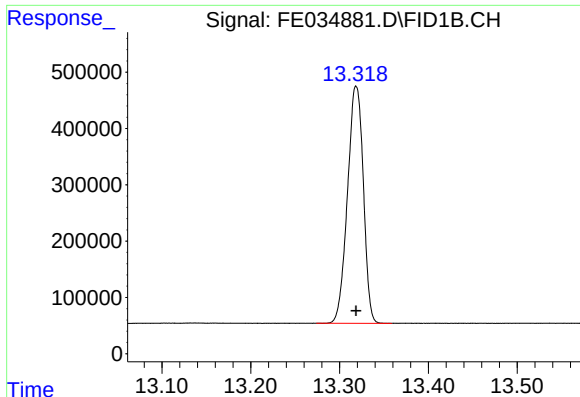
#11 n-Heneicosane (C21)

R.T.: 12.736 min
Delta R.T.: 0.000 min
Response: 5306229
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

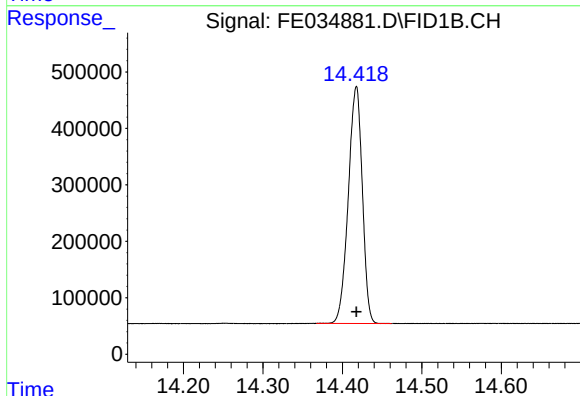
R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 4533654
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

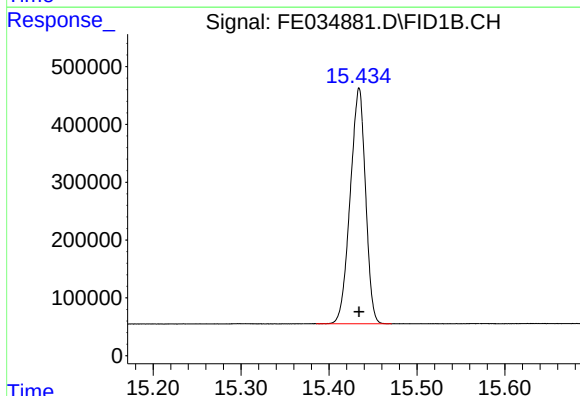
R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 5224536
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



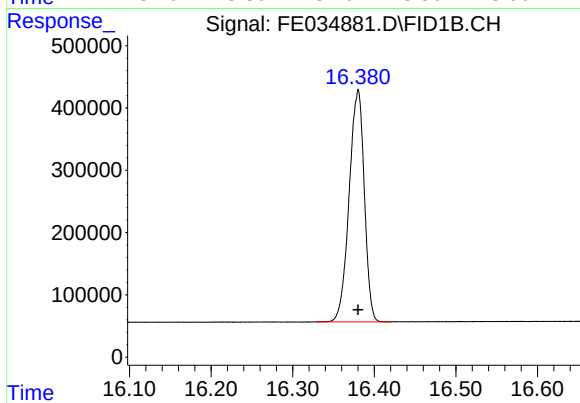
#14 n-Tetracosane (C24)

R.T.: 14.418 min
Delta R.T.: 0.000 min
Response: 5139141
Conc: 20.00 ug/ml



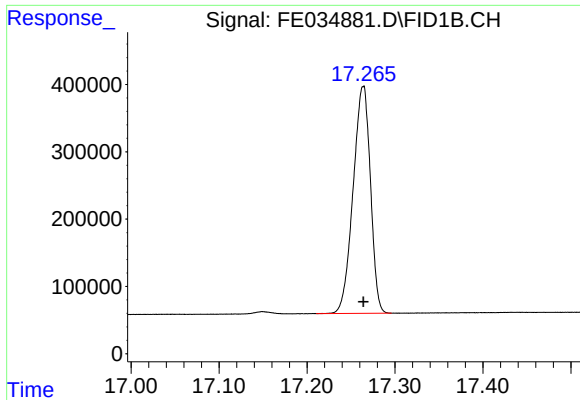
#15 n-Hexacosane (C26)

R.T.: 15.434 min
Delta R.T.: 0.000 min
Response: 4937783
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

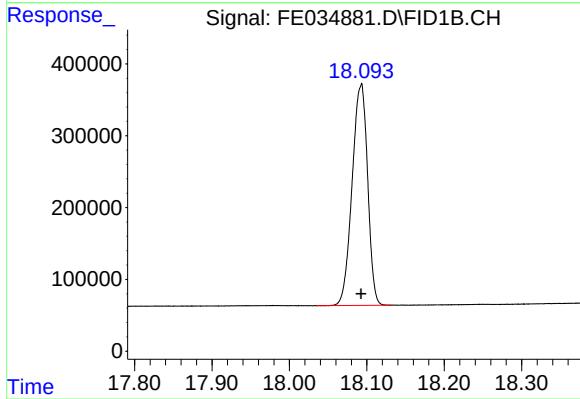
R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 4801690
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

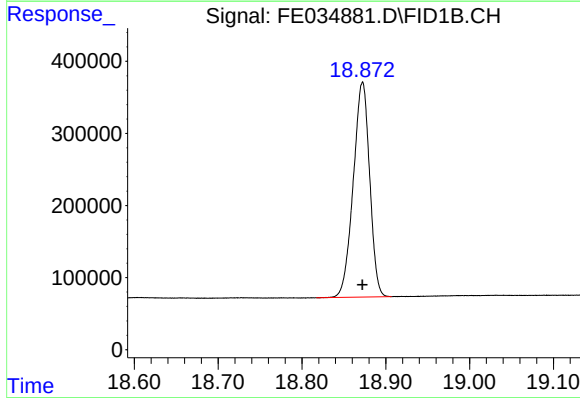
R.T.: 17.264 min
Delta R.T.: 0.000 min
Response: 4620133
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



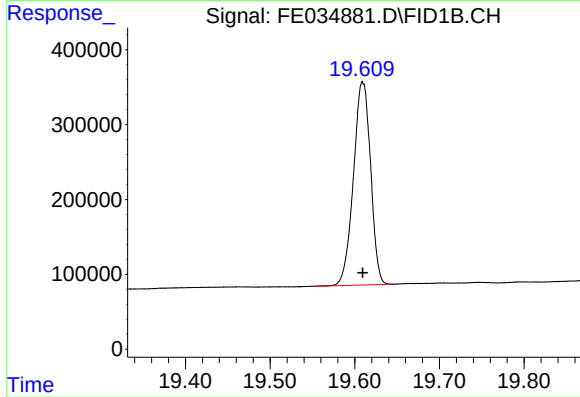
#18 n-Dotriacontane (C32)

R.T.: 18.093 min
Delta R.T.: 0.000 min
Response: 4282906
Conc: 20.00 ug/ml



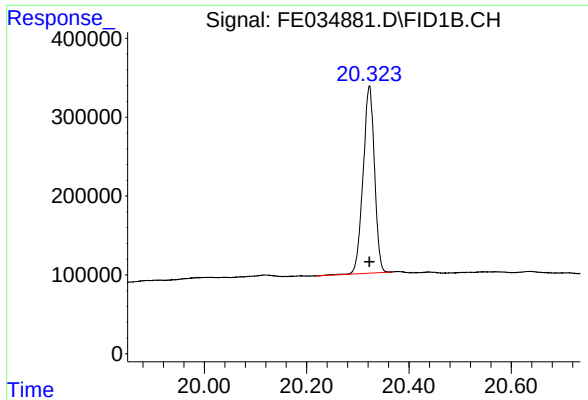
#19 n-Tetratriacontane (C34)

R.T.: 18.872 min
Delta R.T.: 0.000 min
Response: 4051208
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

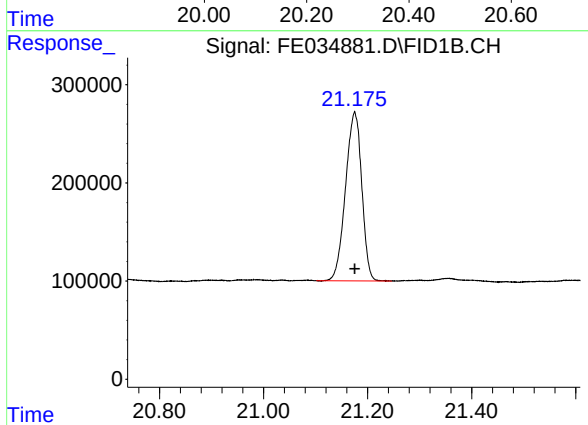
R.T.: 19.609 min
Delta R.T.: 0.000 min
Response: 3813778
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.323 min
Delta R.T.: 0.000 min
Response: 3670579
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.175 min
Delta R.T.: 0.000 min
Response: 3720449
Conc: 20.00 ug/ml