

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048740.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2024 15:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 01:17:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.936	2621266	18.254 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	13.371	1912596	17.556 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
1) T n-Nonane (C9)	3.326	2395627	16.024 ug/ml
2) T n-Decane (C10)	4.574	2613798	17.310 ug/ml
3) T A~Naphthalene (C11.7)	6.280	2523507	16.948 ug/ml
4) T n-Dodecane (C12)	6.739	2613405	17.655 ug/ml
5) T A~2-methylnaphthalene...	7.376	2390222	17.239 ug/ml
6) T n-Tetradecane (C14)	8.567	2527269	17.819 ug/ml
7) T n-Hexadecane (C16)	10.174	2545147	18.053 ug/ml
8) T n-Octadecane (C18)	11.617	2522401	18.162 ug/ml
10) T n-Eicosane (C20)	12.925	2396161	18.107 ug/ml
11) T n-Heneicosane (C21)	13.538	2346961	18.119 ug/ml
13) T n-Docosane (C22)	14.123	2352565	18.256 ug/ml
14) T n-Tetracosane (C24)	15.226	2407054	18.580 ug/ml
15) T n-Hexacosane (C26)	16.246	2437749	18.809 ug/ml
16) T n-Octacosane (C28)	17.195	2568295	19.870 ug/ml
17) T n-Tricontane (C30)	18.081	2900724	21.653 ug/ml
18) T n-Dotriacontane (C32)	18.914	3025427	22.288 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2873182	21.003 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2589273	19.048 ug/ml
21) T n-Octatriacontane (C38)	21.169	2446900	17.943 ug/ml
22) T n-Tetracontane (C40)	22.084	2257069	16.484 ug/ml

(f)=RT Delta > 1/2 Window

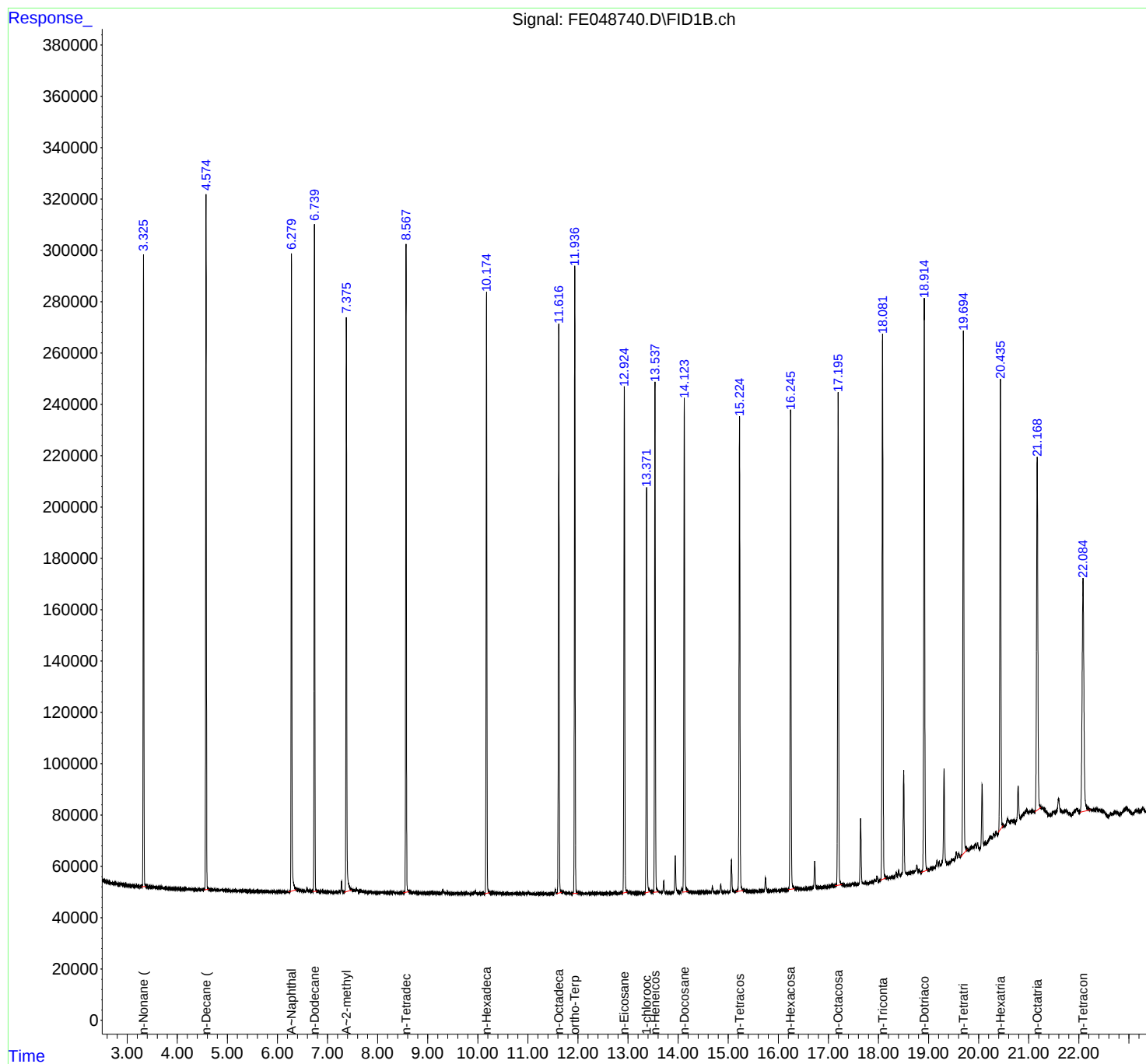
(m)=manual int.

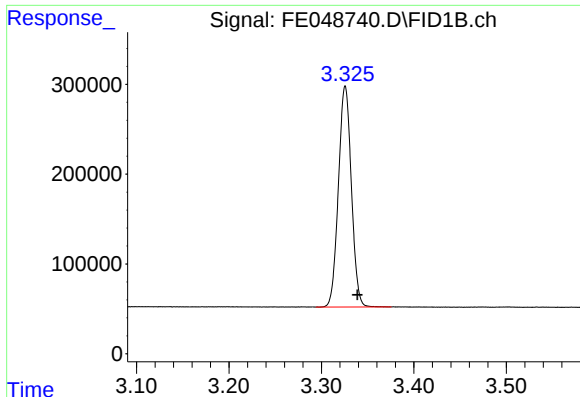
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
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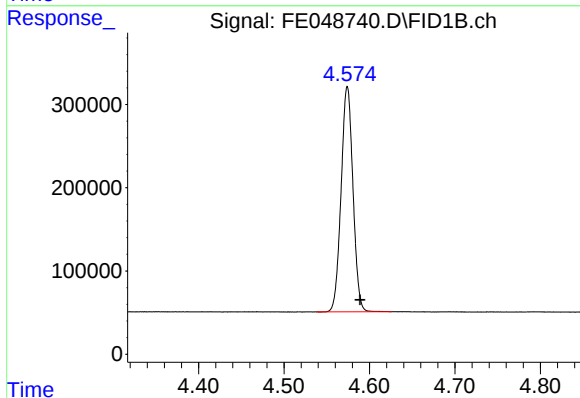




#1 n-Nonane (C9)

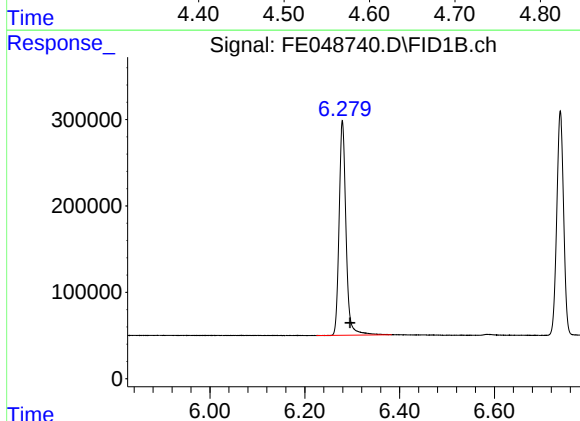
R.T.: 3.326 min
Delta R.T.: -0.013 min
Response: 2395627
Conc: 16.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



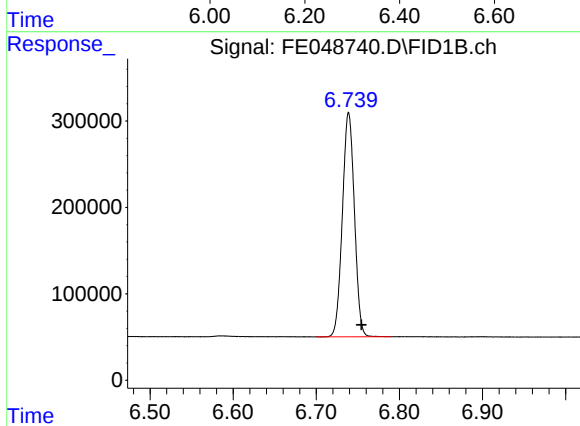
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.015 min
Response: 2613798
Conc: 17.31 ug/ml



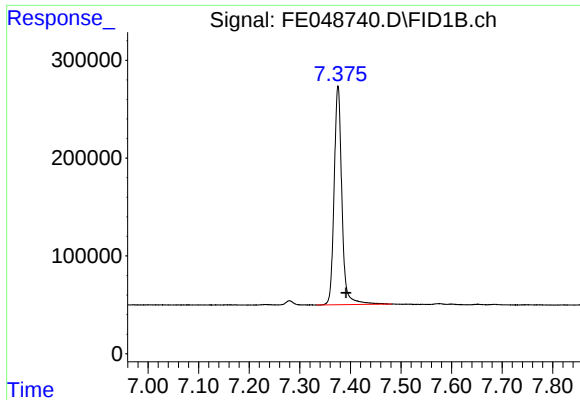
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.016 min
Response: 2523507
Conc: 16.95 ug/ml



#4 n-Dodecane (C12)

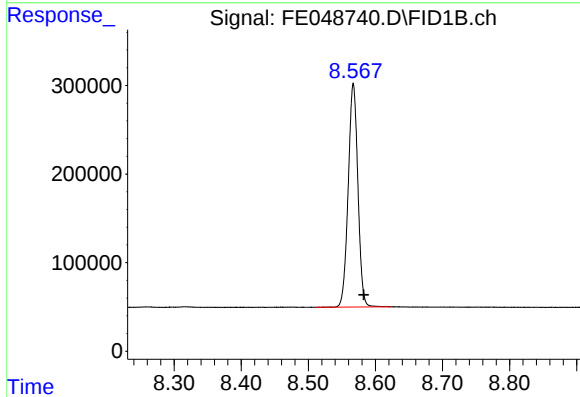
R.T.: 6.739 min
Delta R.T.: -0.015 min
Response: 2613405
Conc: 17.65 ug/ml



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

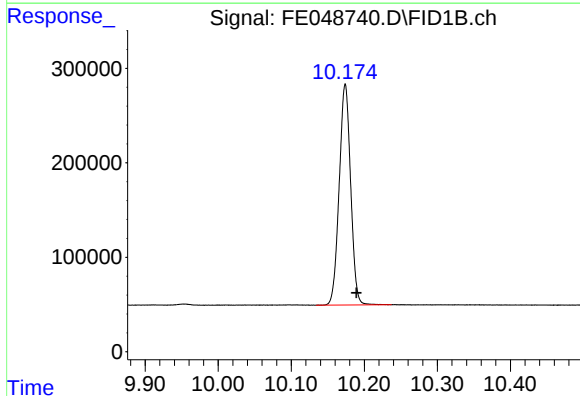
R.T.: 7.376 min
Delta R.T.: -0.016 min
Response: 2390222
Conc: 17.24 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



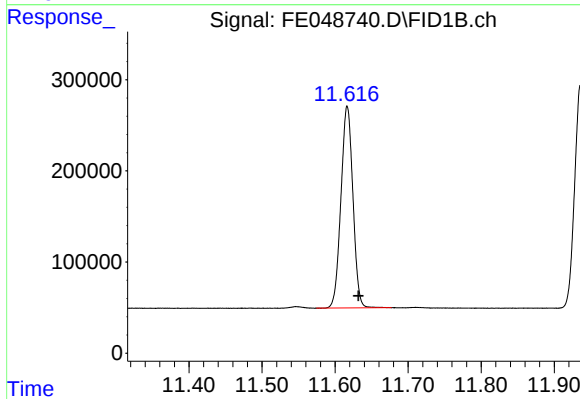
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: -0.015 min
Response: 2527269
Conc: 17.82 ug/ml



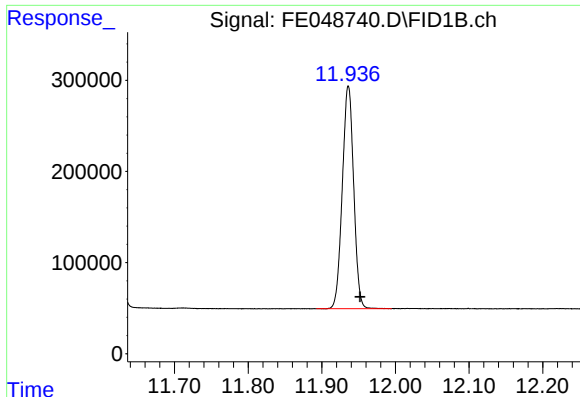
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.015 min
Response: 2545147
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

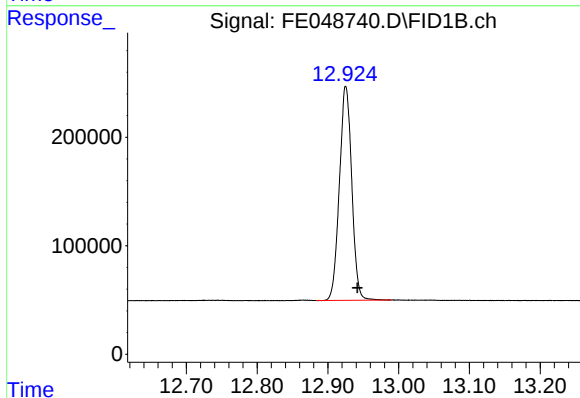
R.T.: 11.617 min
Delta R.T.: -0.015 min
Response: 2522401
Conc: 18.16 ug/ml



#9 ortho-Terphenyl (SURR)

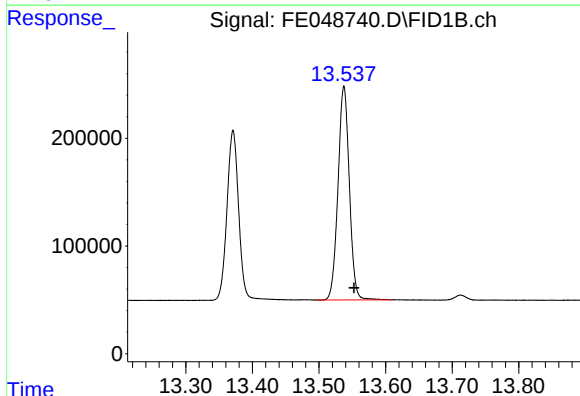
R.T.: 11.936 min
Delta R.T.: -0.016 min
Response: 2621266
Conc: 18.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



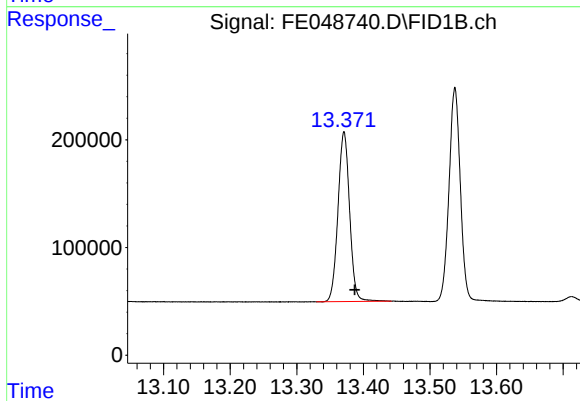
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.016 min
Response: 2396161
Conc: 18.11 ug/ml



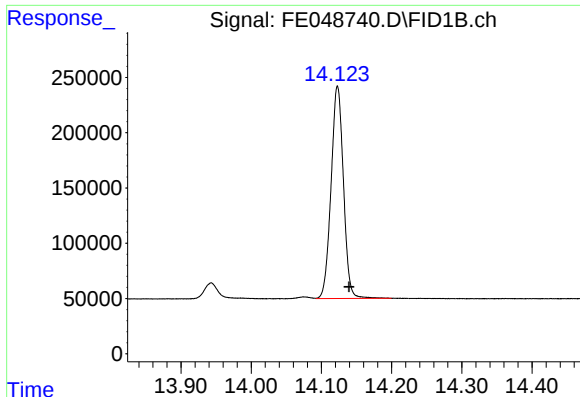
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.015 min
Response: 2346961
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

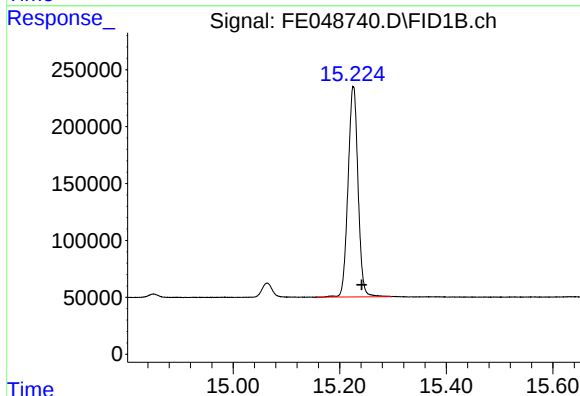
R.T.: 13.371 min
Delta R.T.: -0.016 min
Response: 1912596
Conc: 17.56 ug/ml



#13 n-Docosane (C22)

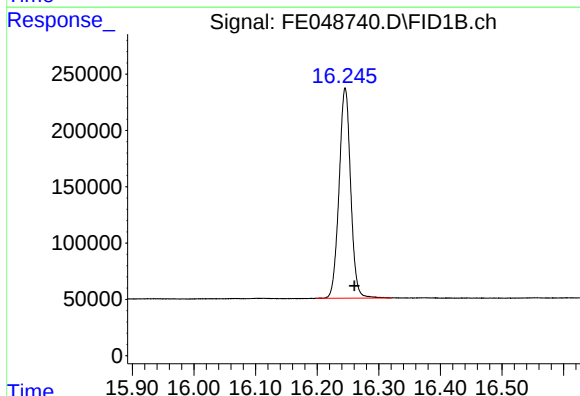
R.T.: 14.123 min
Delta R.T.: -0.016 min
Response: 2352565
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



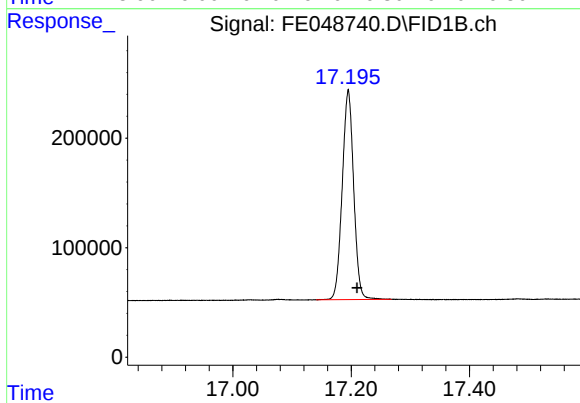
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.016 min
Response: 2407054
Conc: 18.58 ug/ml



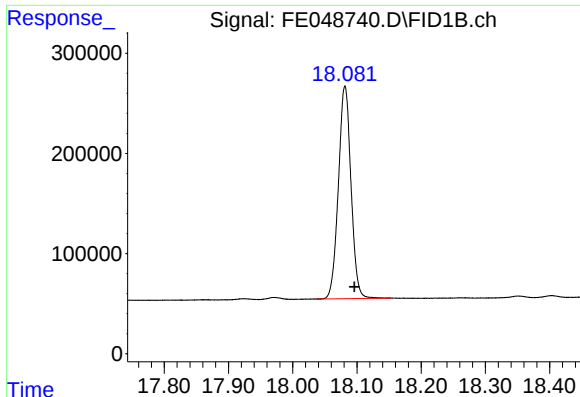
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.015 min
Response: 2437749
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

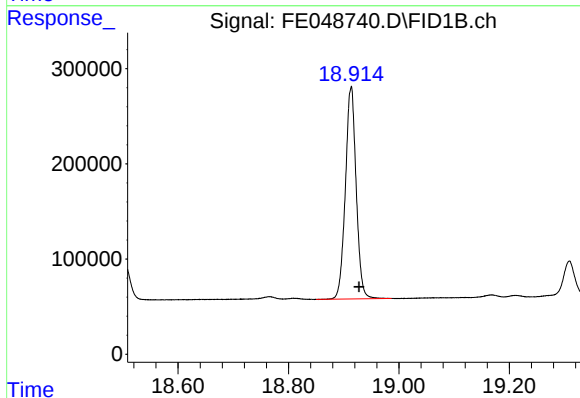
R.T.: 17.195 min
Delta R.T.: -0.015 min
Response: 2568295
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

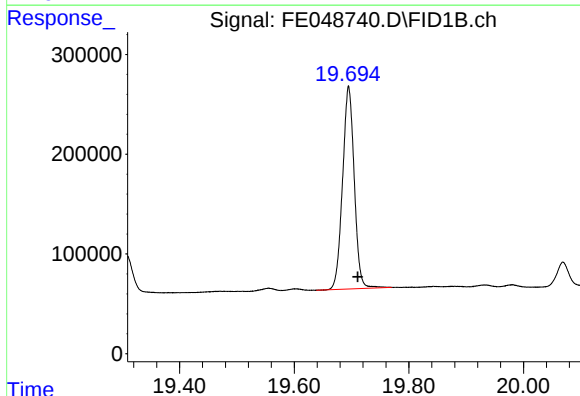
R.T.: 18.081 min
Delta R.T.: -0.015 min
Response: 2900724
Conc: 21.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



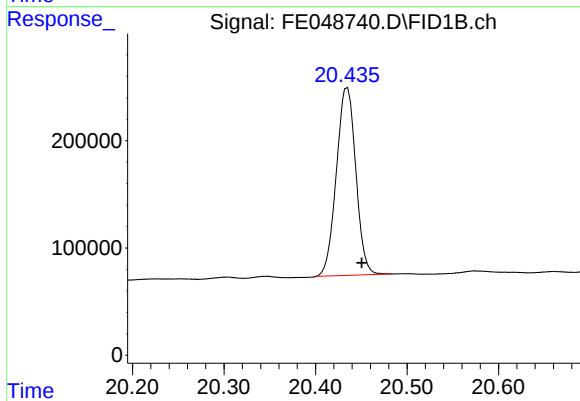
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.014 min
Response: 3025427
Conc: 22.29 ug/ml



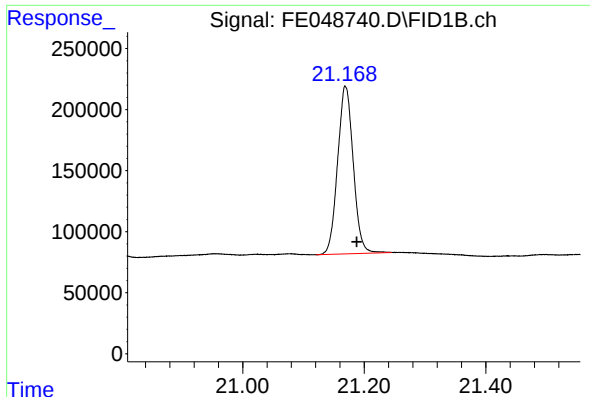
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.016 min
Response: 2873182
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

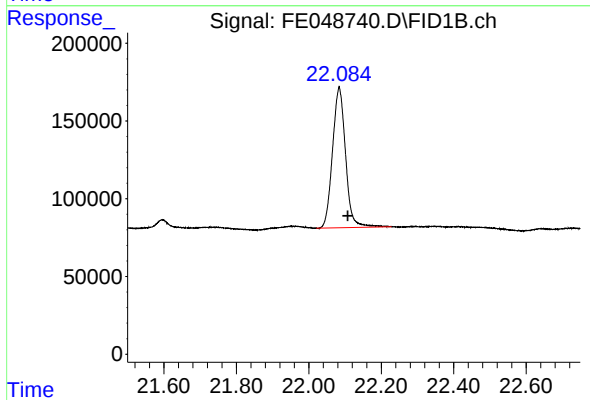
R.T.: 20.434 min
Delta R.T.: -0.016 min
Response: 2589273
Conc: 19.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.019 min
Response: 2446900
Conc: 17.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.024 min
Response: 2257069
Conc: 16.48 ug/ml