

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042526.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 07:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 09 12:34:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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

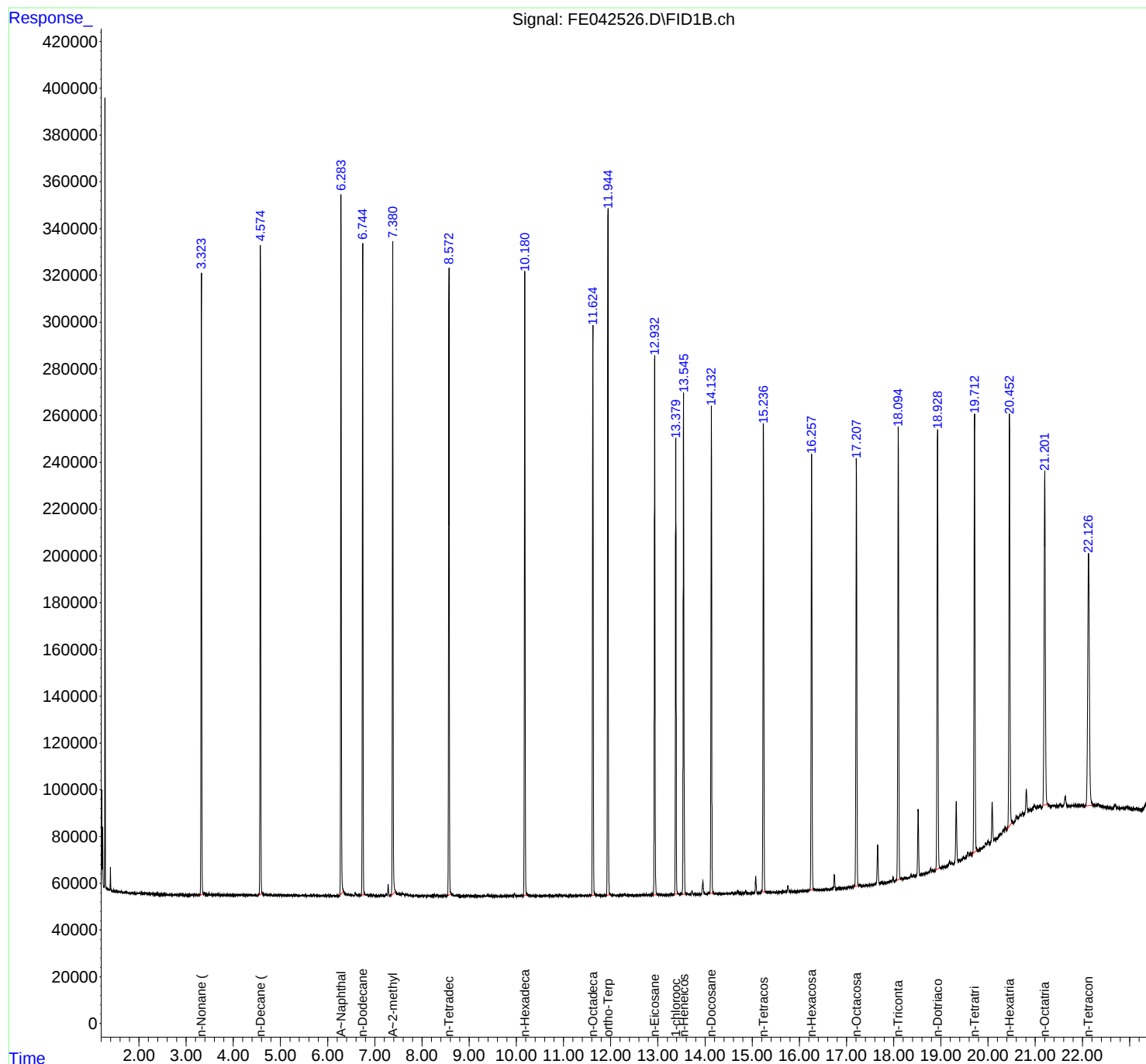
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.943	3145405	17.813 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
12) S 1-chlorooctadecane (S...	13.380	2313653	17.412 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
Target Compounds			
1) T n-Nonane (C9)	3.323	2647696	18.362 ug/ml
2) T n-Decane (C10)	4.575	2782328	18.795 ug/ml
3) T A~Naphthalene (C11.7)	6.284	2976343	18.242 ug/ml
4) T n-Dodecane (C12)	6.744	2816619	18.783 ug/ml
5) T A~2-methylnaphthalene...	7.381	2860974	18.027 ug/ml
6) T n-Tetradecane (C14)	8.573	2776885	18.536 ug/ml
7) T n-Hexadecane (C16)	10.181	2865689	18.397 ug/ml
8) T n-Octadecane (C18)	11.624	2875969	18.187 ug/ml
10) T n-Eicosane (C20)	12.933	2719210	17.939 ug/ml
11) T n-Heneicosane (C21)	13.546	2638547	17.810 ug/ml
13) T n-Docosane (C22)	14.133	2591308	17.676 ug/ml
14) T n-Tetracosane (C24)	15.236	2515879	17.428 ug/ml
15) T n-Hexacosane (C26)	16.257	2450865	17.696 ug/ml
16) T n-Octacosane (C28)	17.207	2475252	18.488 ug/ml
17) T n-Tricontane (C30)	18.095	2693847	19.956 ug/ml
18) T n-Dotriacontane (C32)	18.928	2769380	20.730 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2680171	20.380 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2592748	19.948 ug/ml
21) T n-Octatriacontane (C38)	21.200	2593430	19.115 ug/ml
22) T n-Tetracontane (C40)	22.128	2680850	19.270 ug/ml

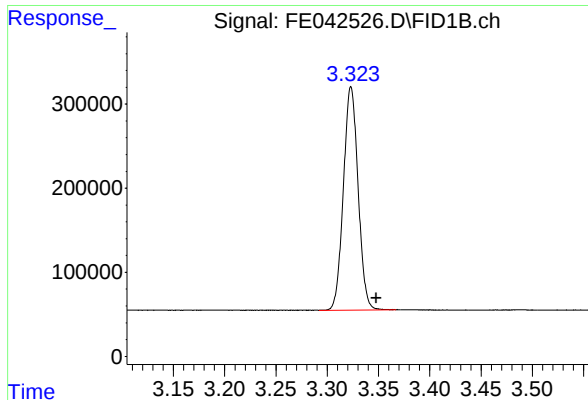
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

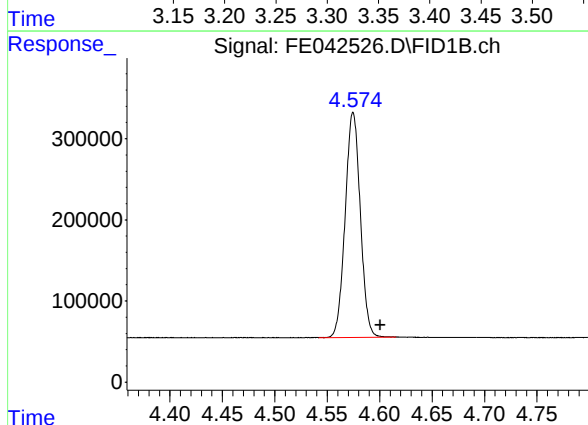




#1 n-Nonane (C9)

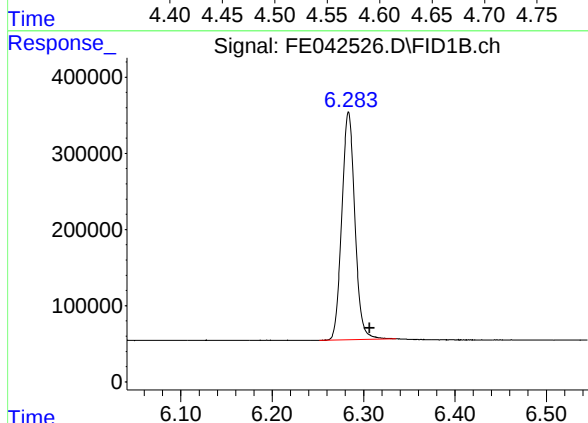
R.T.: 3.323 min
Delta R.T.: -0.025 min
Response: 2647696
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



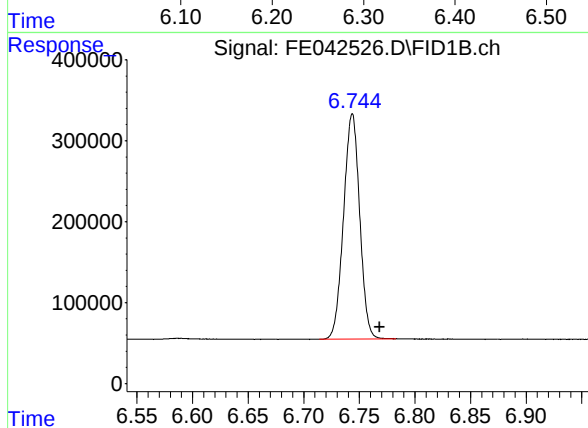
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.026 min
Response: 2782328
Conc: 18.79 ug/ml



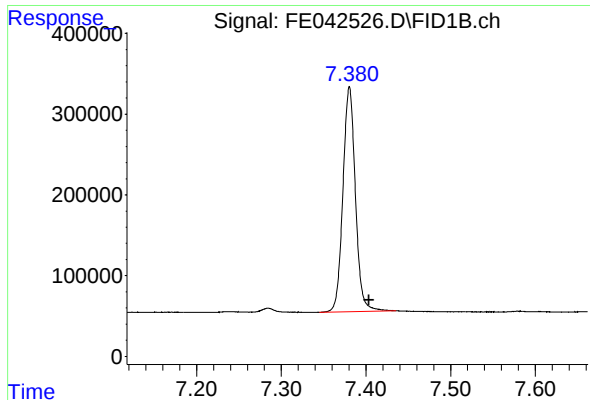
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.023 min
Response: 2976343
Conc: 18.24 ug/ml



#4 n-Dodecane (C12)

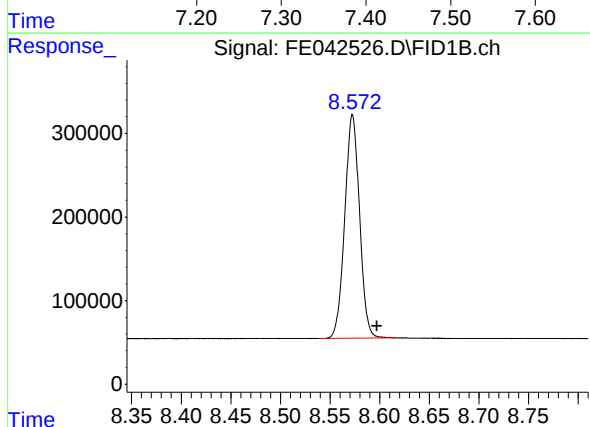
R.T.: 6.744 min
Delta R.T.: -0.024 min
Response: 2816619
Conc: 18.78 ug/ml



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

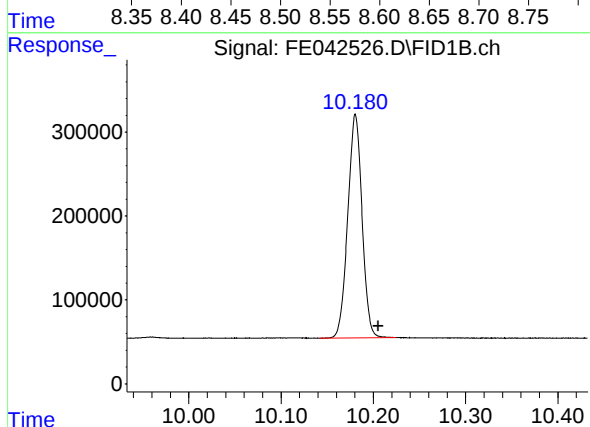
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 2860974
Conc: 18.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



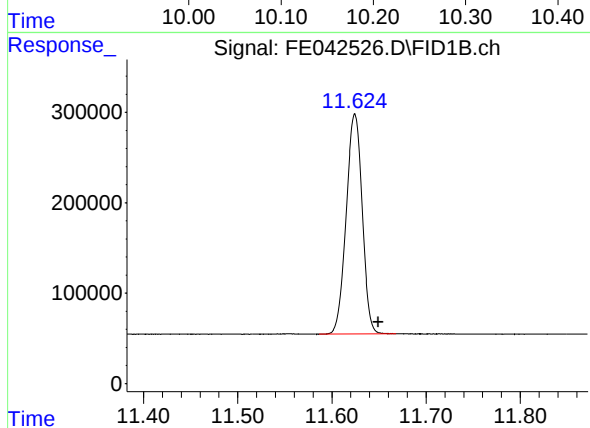
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.025 min
Response: 2776885
Conc: 18.54 ug/ml



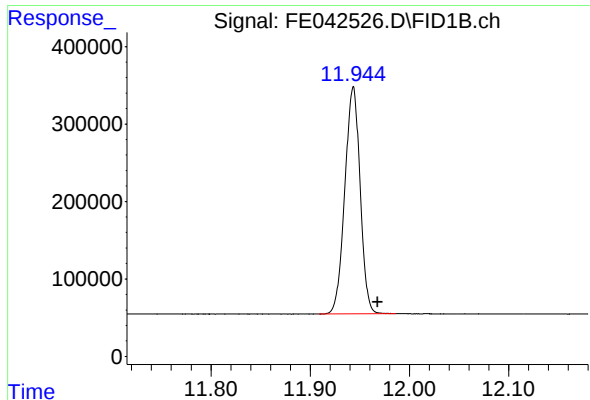
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.025 min
Response: 2865689
Conc: 18.40 ug/ml



#8 n-Octadecane (C18)

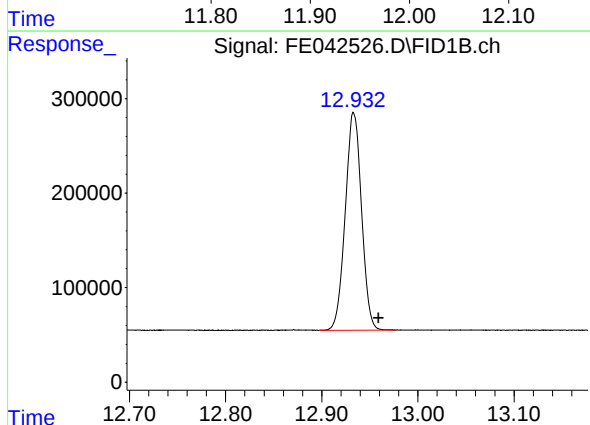
R.T.: 11.624 min
Delta R.T.: -0.025 min
Response: 2875969
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

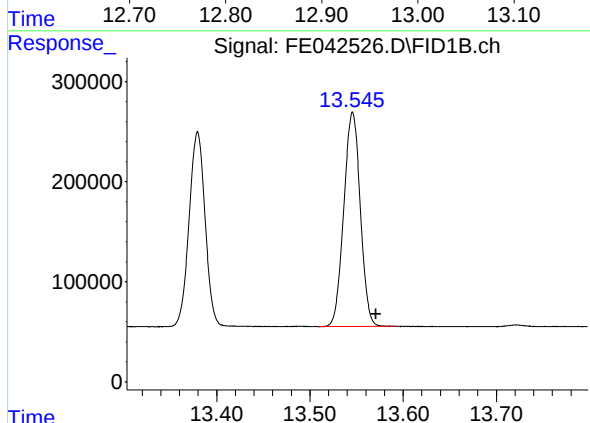
R.T.: 11.943 min
Delta R.T.: -0.025 min
Response: 3145405
Conc: 17.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



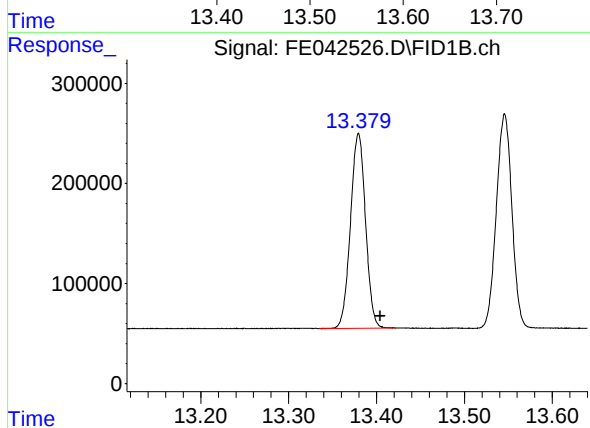
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.026 min
Response: 2719210
Conc: 17.94 ug/ml



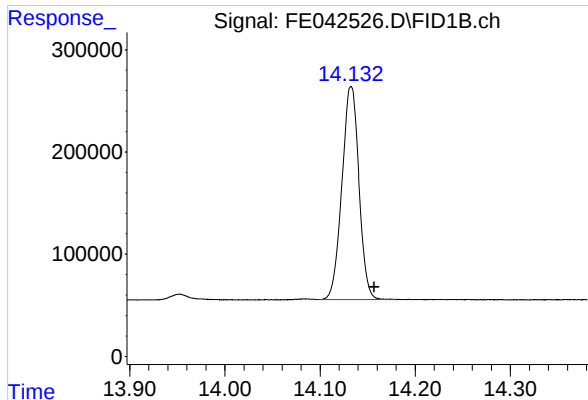
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.025 min
Response: 2638547
Conc: 17.81 ug/ml



#12 1-chlorooctadecane (SURR)

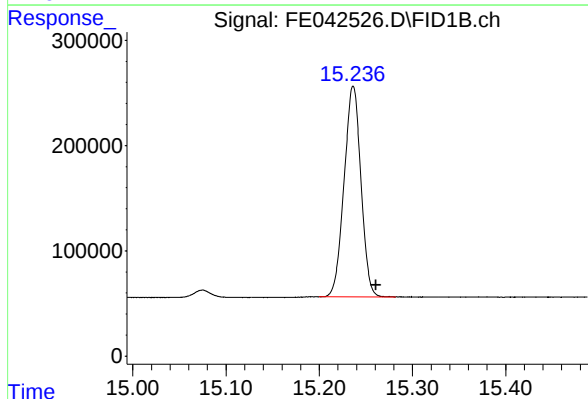
R.T.: 13.380 min
Delta R.T.: -0.025 min
Response: 2313653
Conc: 17.41 ug/ml



#13 n-Docosane (C22)

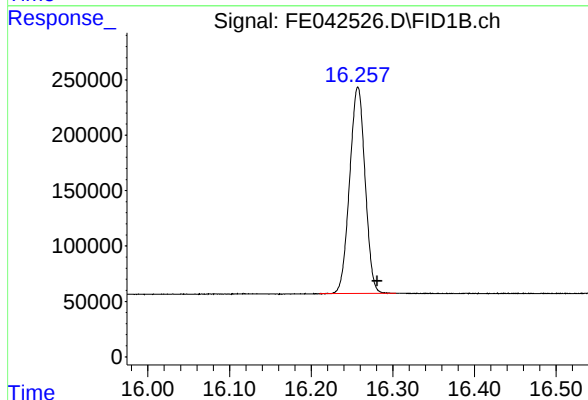
R.T.: 14.133 min
Delta R.T.: -0.024 min
Response: 2591308
Conc: 17.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



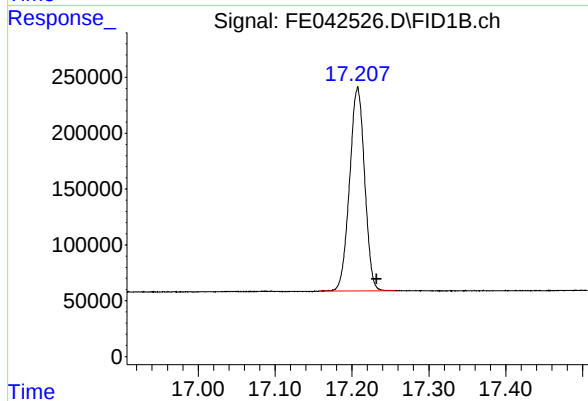
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.024 min
Response: 2515879
Conc: 17.43 ug/ml



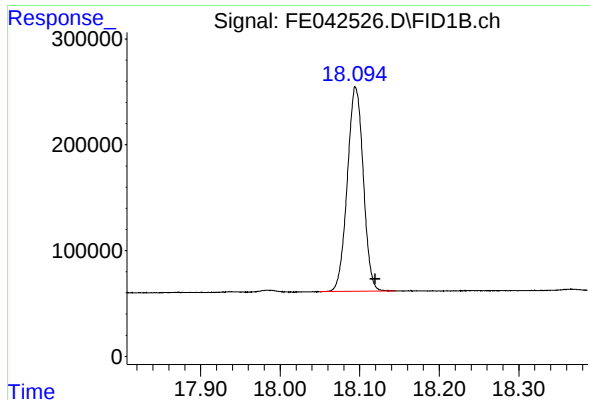
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.024 min
Response: 2450865
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

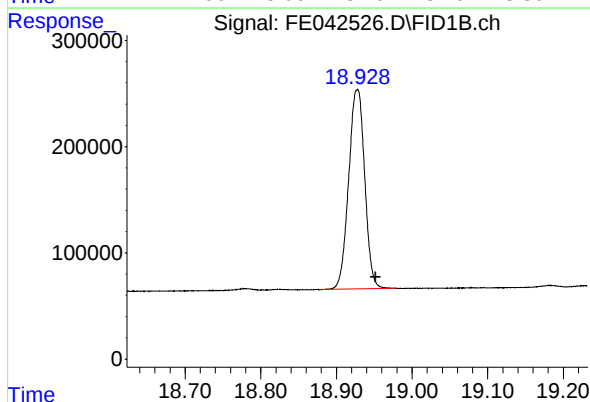
R.T.: 17.207 min
Delta R.T.: -0.025 min
Response: 2475252
Conc: 18.49 ug/ml



#17 n-Tricontane (C30)

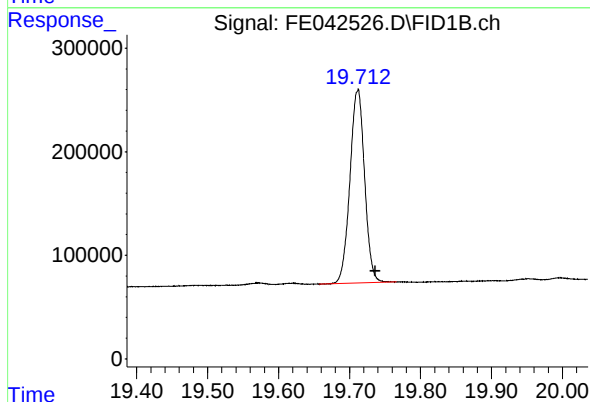
R.T.: 18.095 min
Delta R.T.: -0.025 min
Response: 2693847
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



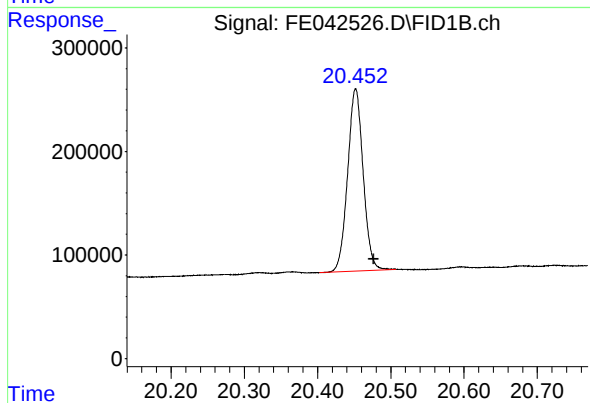
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.024 min
Response: 2769380
Conc: 20.73 ug/ml



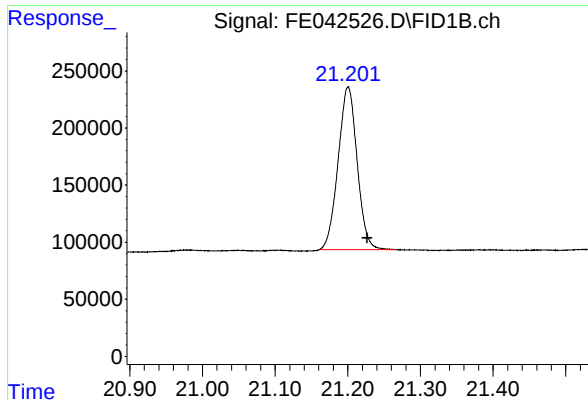
#19 n-Tetatriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.025 min
Response: 2680171
Conc: 20.38 ug/ml



#20 n-Hexatriacontane (C36)

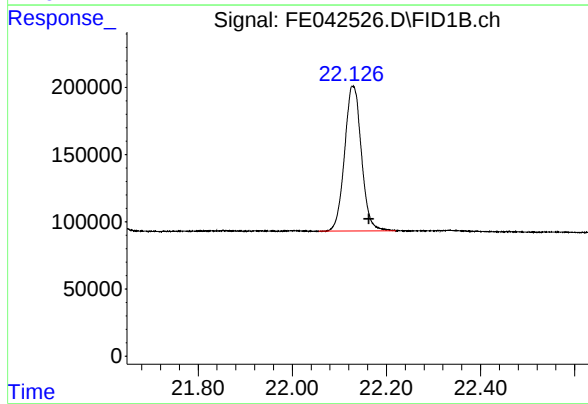
R.T.: 20.452 min
Delta R.T.: -0.025 min
Response: 2592748
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.027 min
Response: 2593430
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.035 min
Response: 2680850
Conc: 19.27 ug/ml