

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080823AL\
 Data File : FE043803.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 09:45
 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: sample.E
 Quant Time: Aug 09 01:53:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.939	3809391	18.486 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	13.378	2857886	18.314 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.327	3104868	19.227 ug/ml
2) T n-Decane (C10)	4.578	3168220	19.223 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3499339	19.220 ug/ml
4) T n-Dodecane (C12)	6.742	3218211	19.229 ug/ml
5) T A~2-methylnaphthalene...	7.372	3408756	19.147 ug/ml
6) T n-Tetradecane (C14)	8.569	3234679	19.199 ug/ml
7) T n-Hexadecane (C16)	10.178	3359074	19.042 ug/ml
8) T n-Octadecane (C18)	11.623	3412918	18.841 ug/ml
10) T n-Eicosane (C20)	12.933	3289642	18.589 ug/ml
11) T n-Heneicosane (C21)	13.546	3231541	18.251 ug/ml
13) T n-Docosane (C22)	14.133	3205719	18.276 ug/ml
14) T n-Tetracosane (C24)	15.237	3146221	17.907 ug/ml
15) T n-Hexacosane (C26)	16.258	3029059	17.526 ug/ml
16) T n-Octacosane (C28)	17.209	2886431	17.251 ug/ml
17) T n-Tricontane (C30)	18.099	2858320	17.257 ug/ml
18) T n-Dotriacontane (C32)	18.933	2749663	17.415 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2633393	17.722 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2503725	17.912 ug/ml
21) T n-Octatriacontane (C38)	21.203	2476096	18.561 ug/ml
22) T n-Tetracontane (C40)	22.126	2485509	19.263 ug/ml

(f)=RT Delta > 1/2 Window

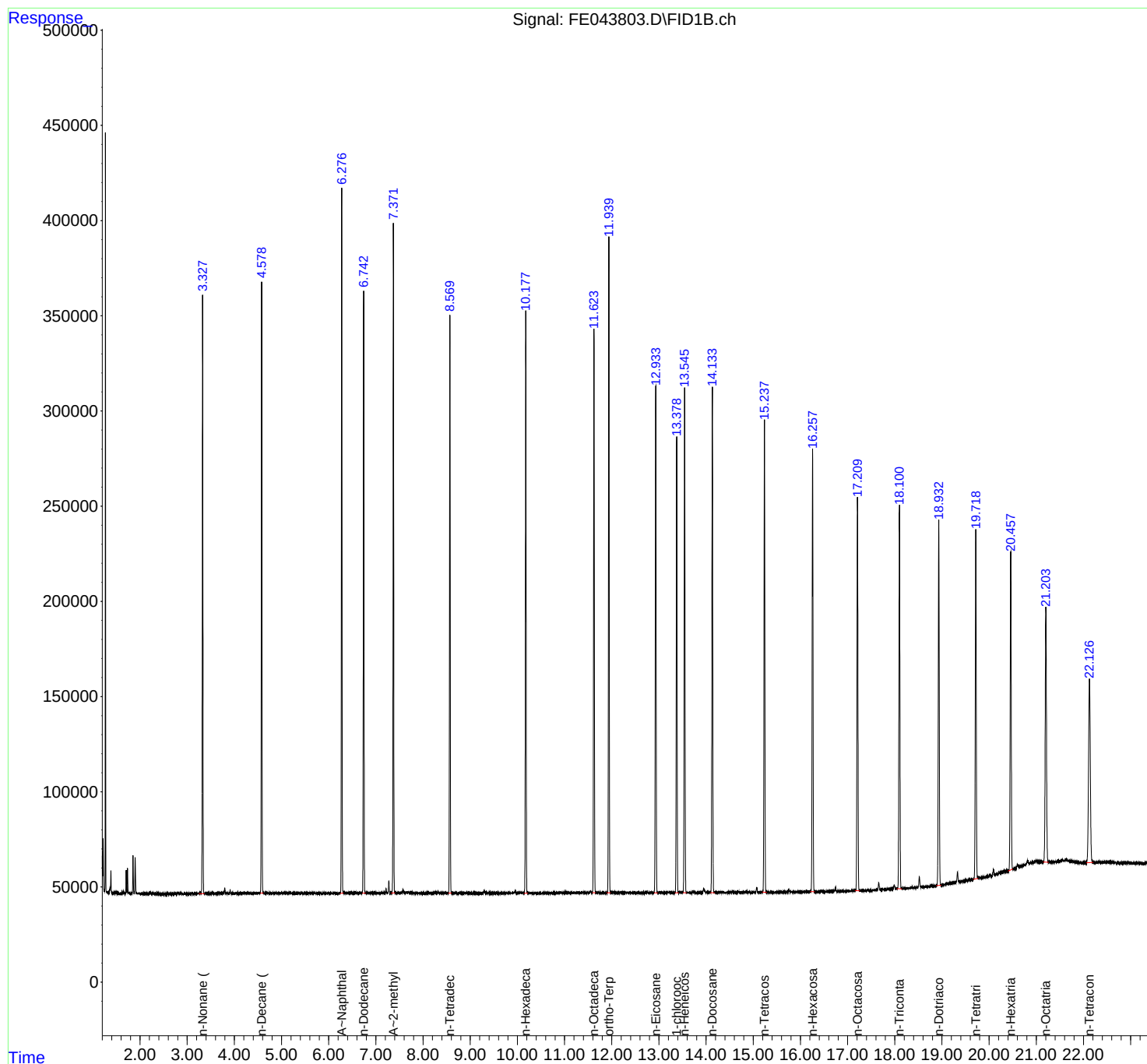
(m)=manual int.

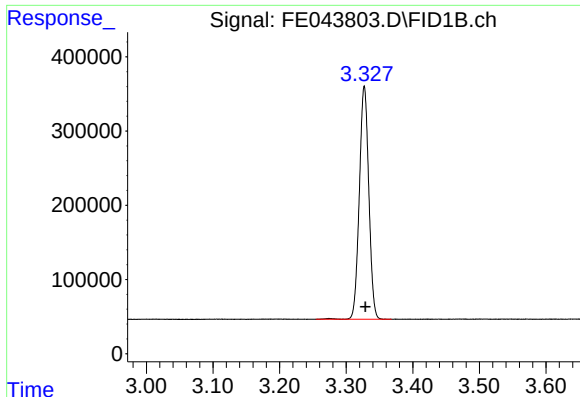
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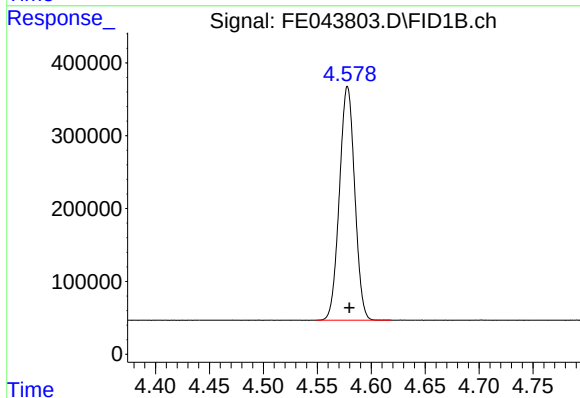




#1 n-Nonane (C9)

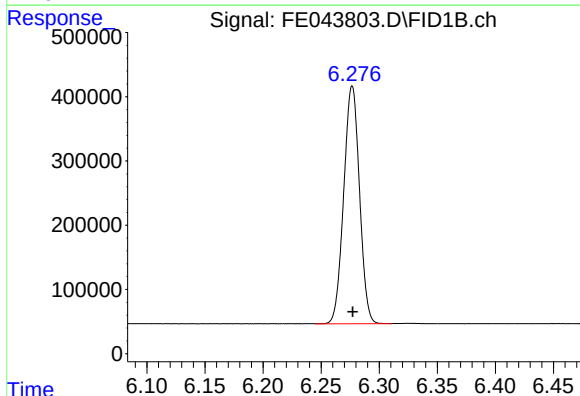
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 3104868
Conc: 19.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



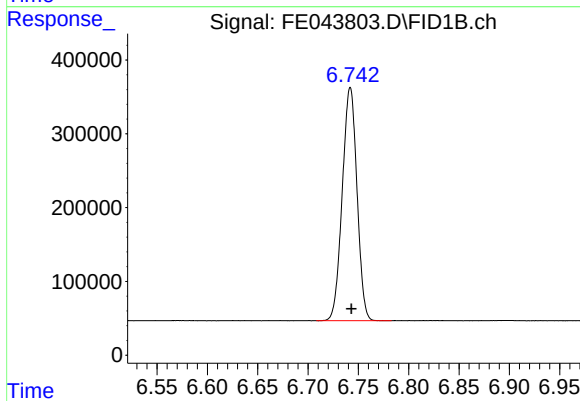
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.002 min
Response: 3168220
Conc: 19.22 ug/ml



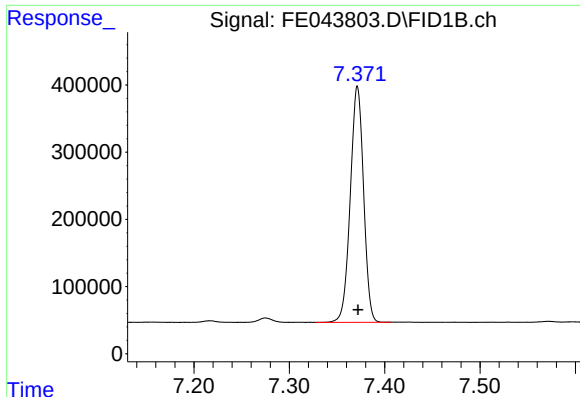
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3499339
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

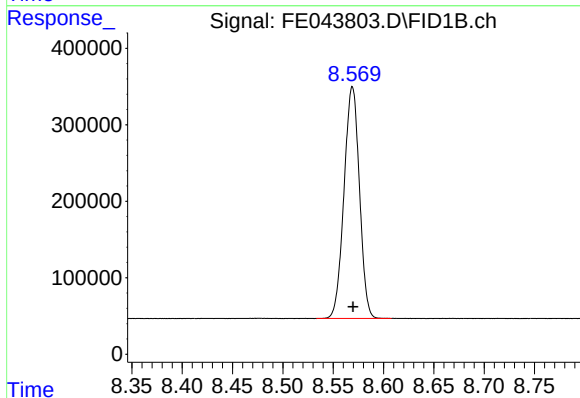
R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 3218211
Conc: 19.23 ug/ml



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

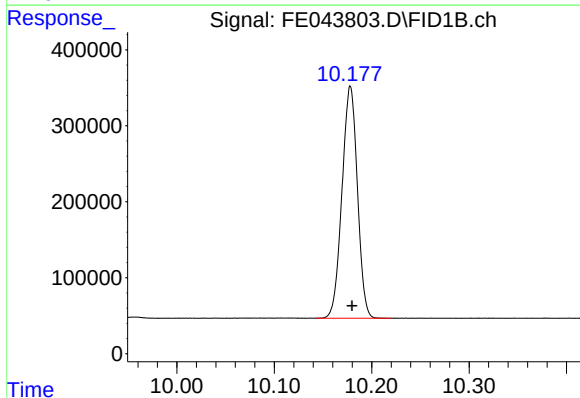
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3408756
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



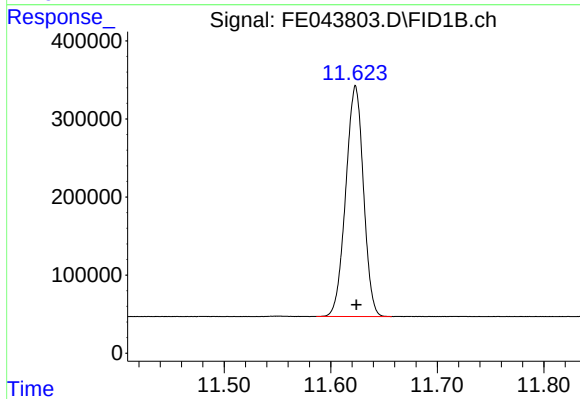
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 3234679
Conc: 19.20 ug/ml



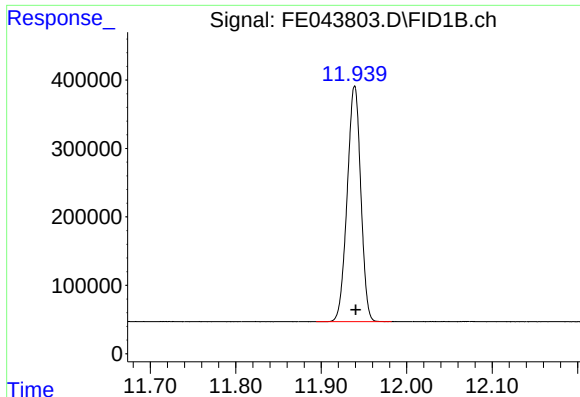
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 3359074
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

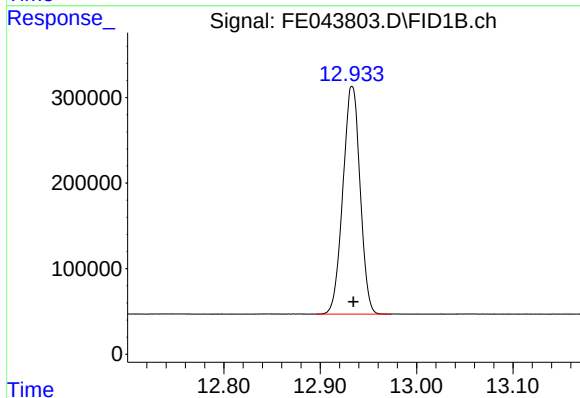
R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 3412918
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

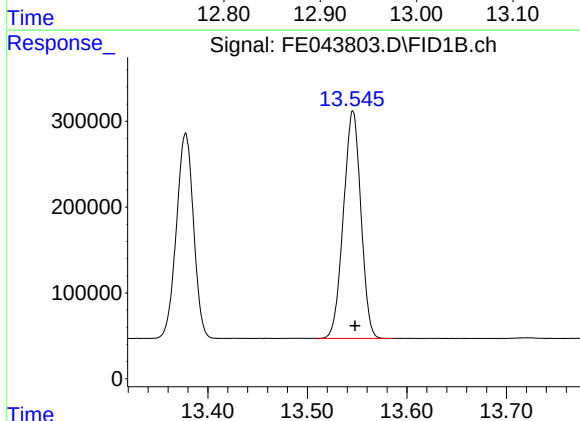
R.T.: 11.939 min
Delta R.T.: -0.001 min
Response: 3809391
Conc: 18.49 ug/ml

Instrument :
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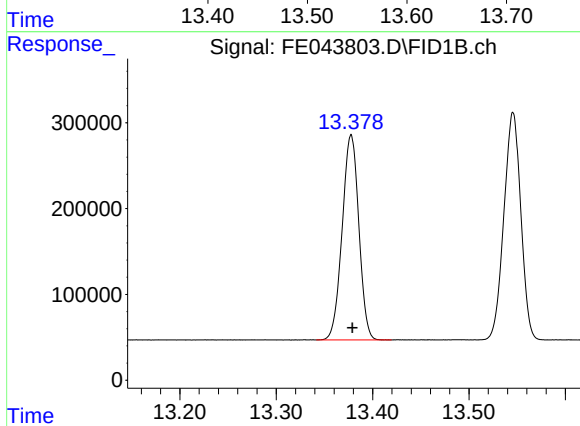
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.001 min
Response: 3289642
Conc: 18.59 ug/ml



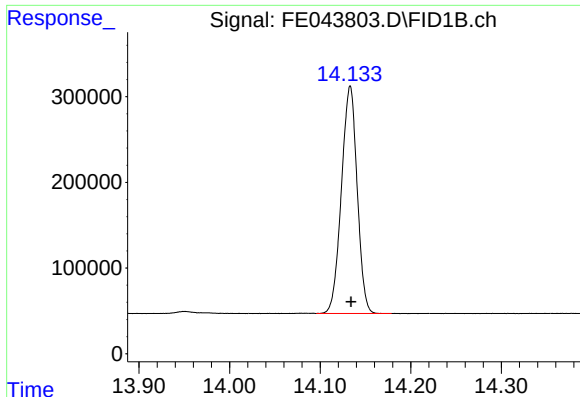
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.002 min
Response: 3231541
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

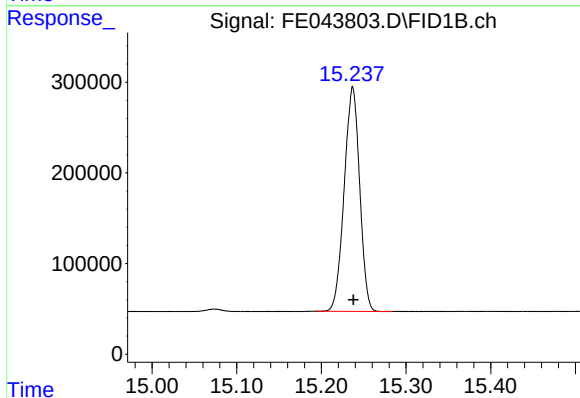
R.T.: 13.378 min
Delta R.T.: -0.001 min
Response: 2857886
Conc: 18.31 ug/ml



#13 n-Docosane (C22)

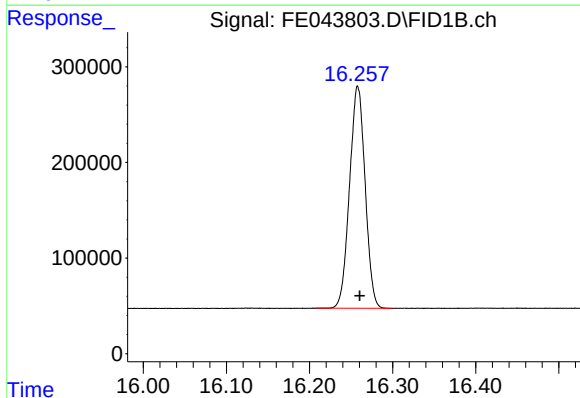
R.T.: 14.133 min
Delta R.T.: 0.000 min
Response: 3205719
Conc: 18.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



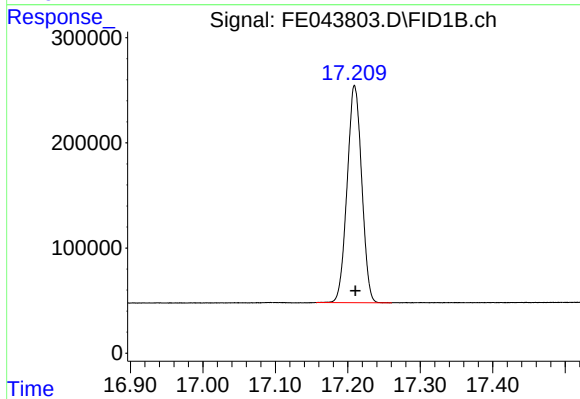
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 3146221
Conc: 17.91 ug/ml



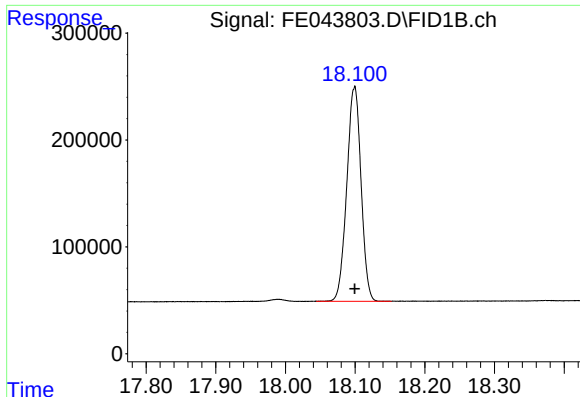
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 3029059
Conc: 17.53 ug/ml



#16 n-Octacosane (C28)

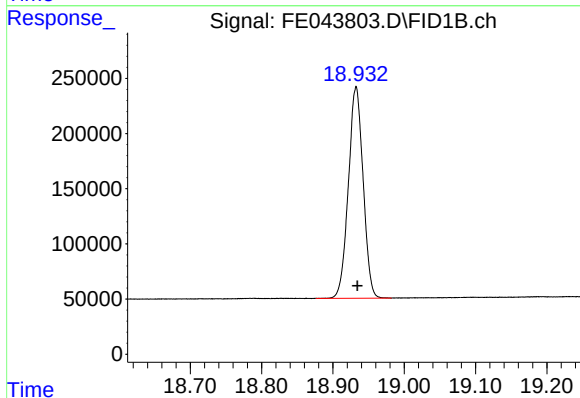
R.T.: 17.209 min
Delta R.T.: -0.001 min
Response: 2886431
Conc: 17.25 ug/ml



#17 n-Tricontane (C30)

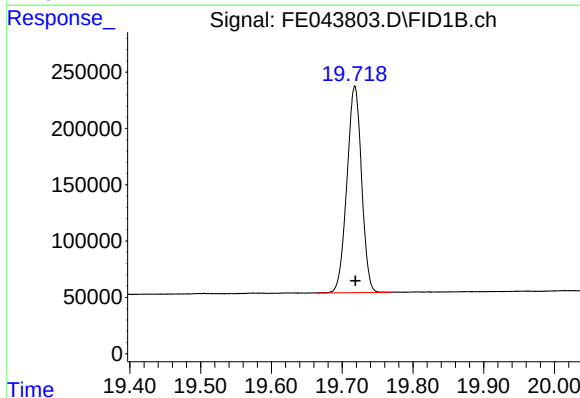
R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 2858320
Conc: 17.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



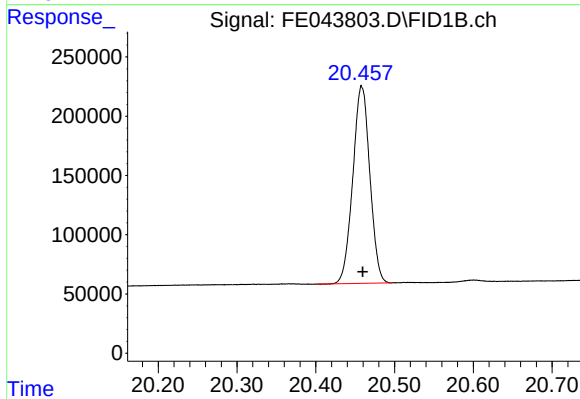
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 2749663
Conc: 17.41 ug/ml



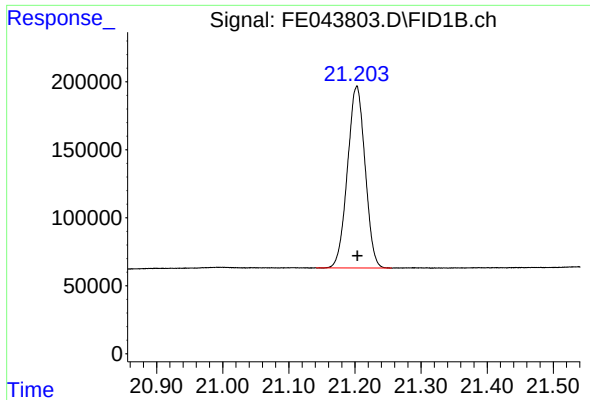
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 2633393
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

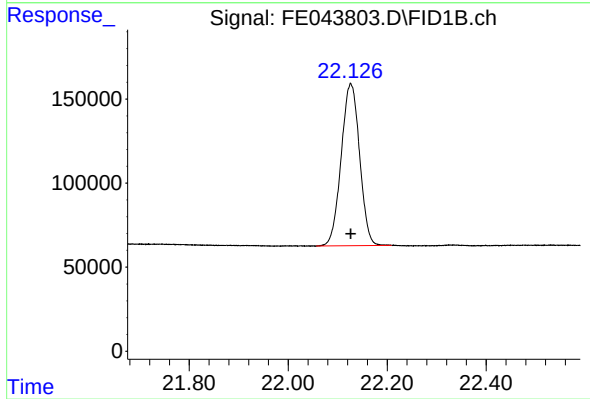
R.T.: 20.458 min
Delta R.T.: -0.001 min
Response: 2503725
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 2476096
Conc: 18.56 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.000 min
Response: 2485509
Conc: 19.26 ug/ml