

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102325AL\
 Data File : FE056475.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2025 21:51
 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: Oct 24 03:14:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 2025
 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)	12.030	3523302	17.246 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
12) S 1-chlorooctadecane (S...	13.467	2658507	17.424 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
Target Compounds			
1) T n-Nonane (C9)	3.378	2804180	17.204 ug/ml
2) T n-Decane (C10)	4.631	3010206	18.305 ug/mlm
3) T A~Naphthalene (C11.7)	6.348	3140207	17.764 ug/ml
4) T n-Dodecane (C12)	6.805	3094623	18.444 ug/ml
5) T A~2-methylnaphthalene...	7.449	3043302	18.264 ug/ml
6) T n-Tetradecane (C14)	8.641	3064270	18.445 ug/ml
7) T n-Hexadecane (C16)	10.256	3179633	18.174 ug/ml
8) T n-Octadecane (C18)	11.705	3244952	17.789 ug/ml
10) T n-Eicosane (C20)	13.019	3104572	17.437 ug/ml
11) T n-Heneicosane (C21)	13.634	3028623	17.262 ug/ml
13) T n-Docosane (C22)	14.222	3028753	17.110 ug/ml
14) T n-Tetracosane (C24)	15.328	3037069	16.693 ug/ml
15) T n-Hexacosane (C26)	16.353	2951494	16.442 ug/ml
16) T n-Octacosane (C28)	17.305	2982288	16.764 ug/mlm
17) T n-Tricontane (C30)	18.194	3226536	17.771 ug/mlm
18) T n-Dotriacontane (C32)	19.030	3292319	18.675 ug/ml
19) T n-Tetratriacontane (C34)	19.815	3001878	19.392 ug/mlm
20) T n-Hexatriacontane (C36)	20.556	2637842	21.114 ug/ml
21) T n-Octatriacontane (C38)	21.322	2219615	21.244 ug/mlm
22) T n-Tetracontane (C40)	22.290	2031521	22.388 ug/mlm

(f)=RT Delta > 1/2 Window

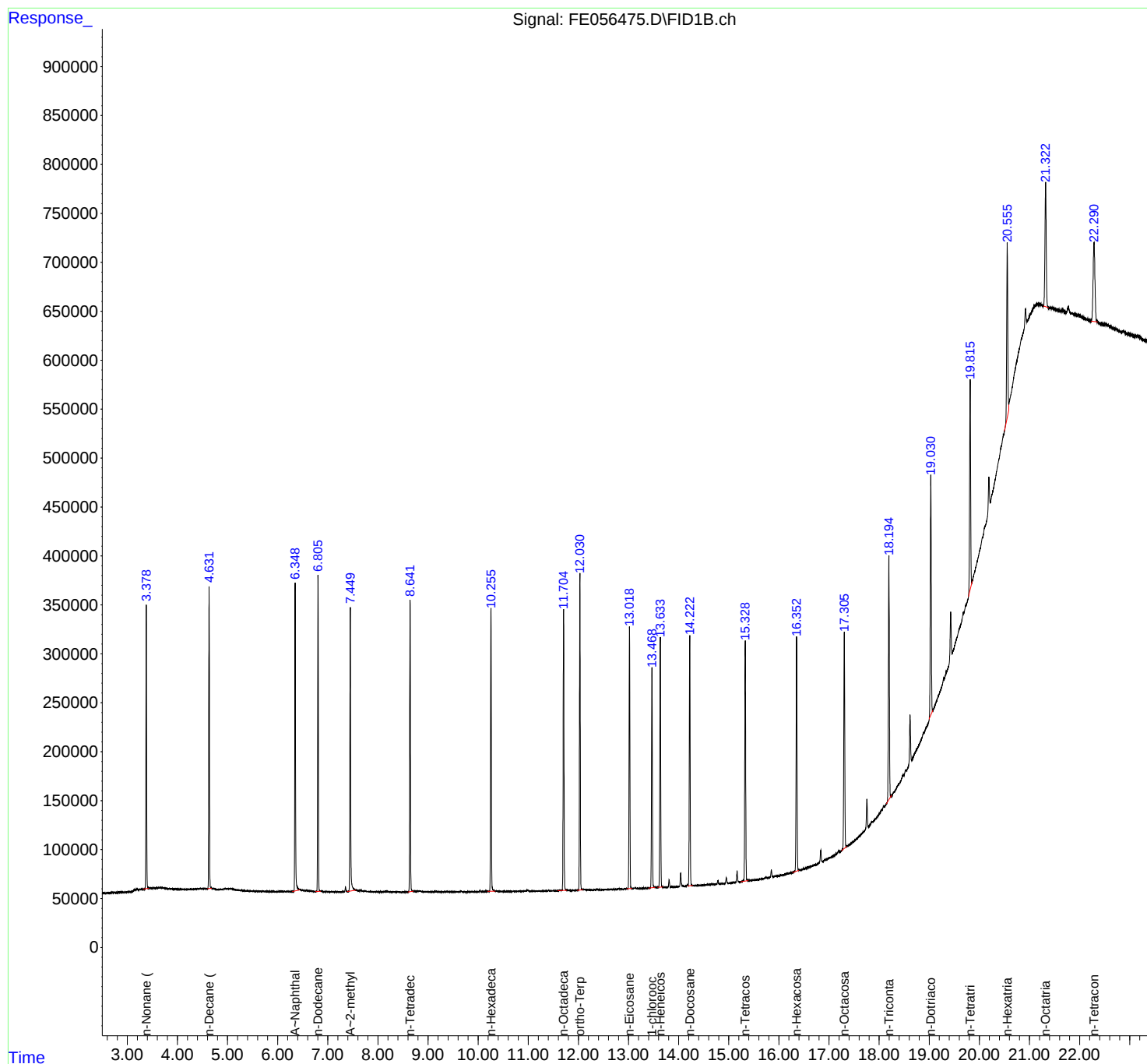
(m)=manual int.

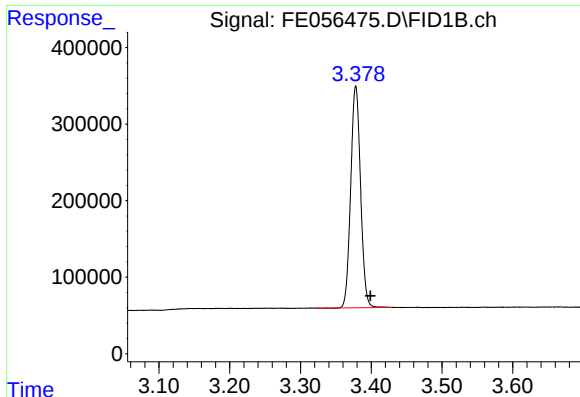
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102325AL\
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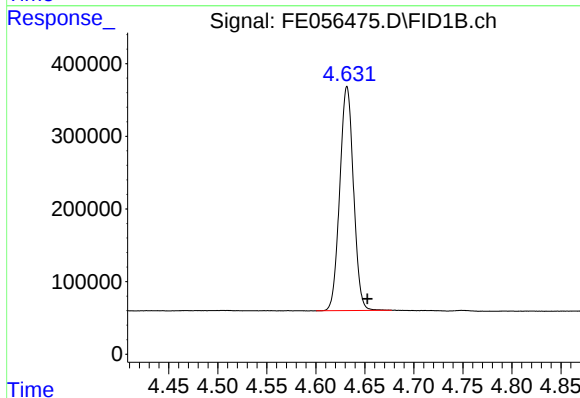




#1 n-Nonane (C9)

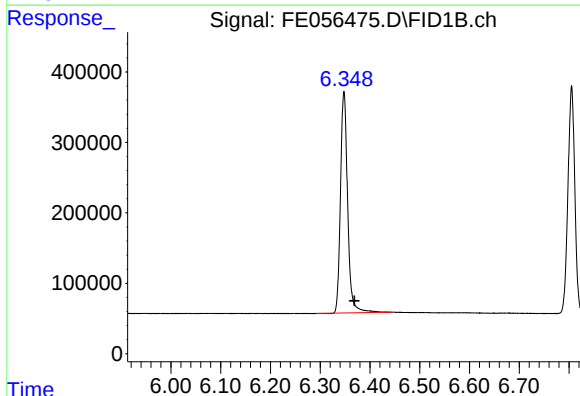
R.T.: 3.378 min
Delta R.T.: -0.021 min
Response: 2804180
Conc: 17.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



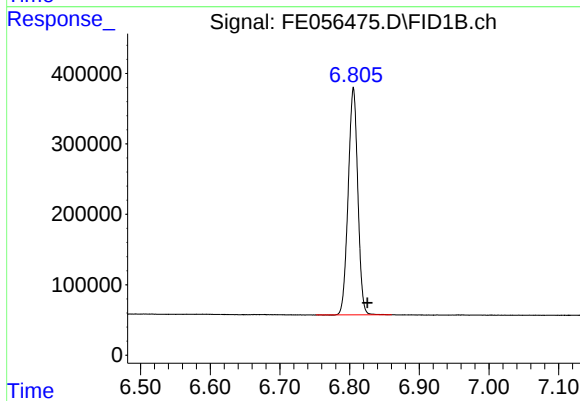
#2 n-Decane (C10)

R.T.: 4.631 min
Delta R.T.: -0.021 min
Response: 3010206
Conc: 18.30 ug/ml m



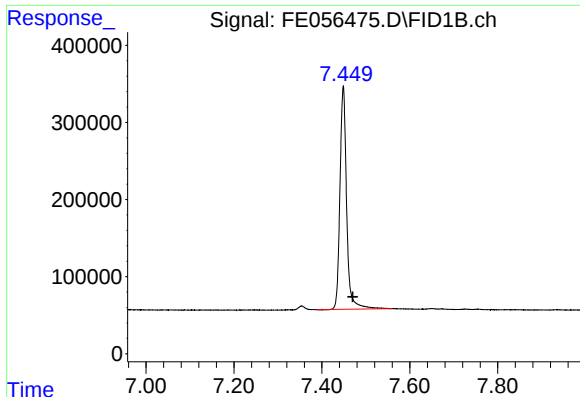
#3 A~Naphthalene (C11.7)

R.T.: 6.348 min
Delta R.T.: -0.021 min
Response: 3140207
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

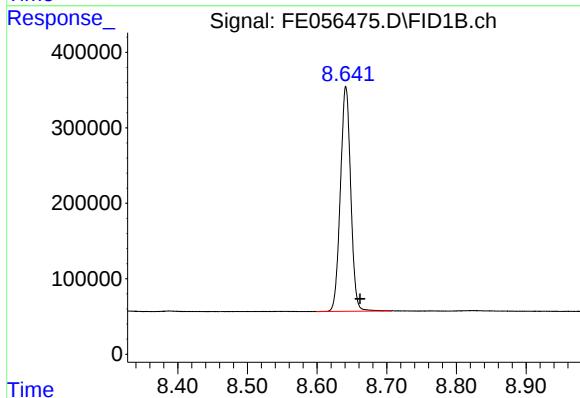
R.T.: 6.805 min
Delta R.T.: -0.020 min
Response: 3094623
Conc: 18.44 ug/ml



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

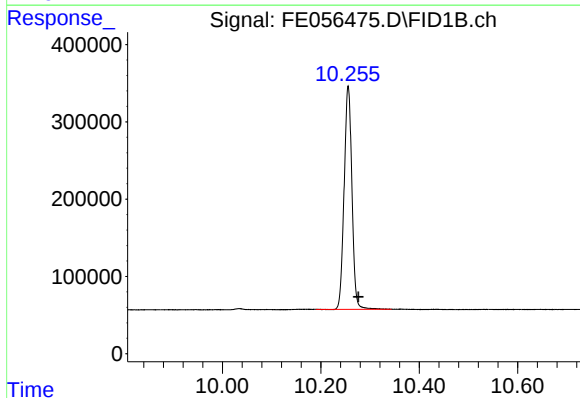
R.T.: 7.449 min
Delta R.T.: -0.021 min
Response: 3043302
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



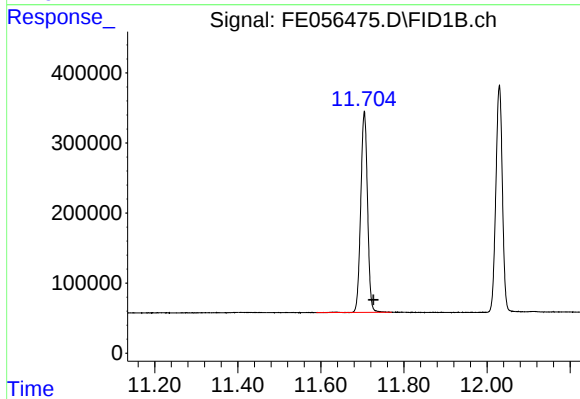
#6 n-Tetradecane (C14)

R.T.: 8.641 min
Delta R.T.: -0.020 min
Response: 3064270
Conc: 18.44 ug/ml



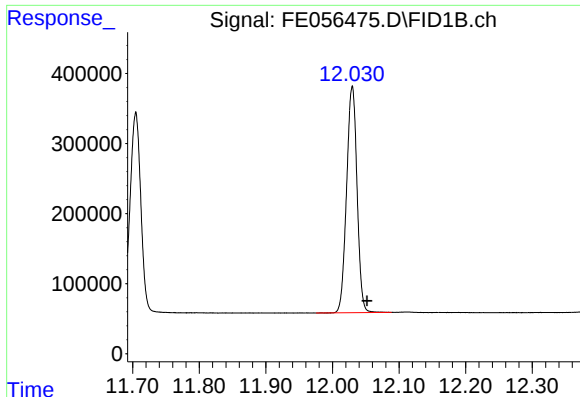
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: -0.021 min
Response: 3179633
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

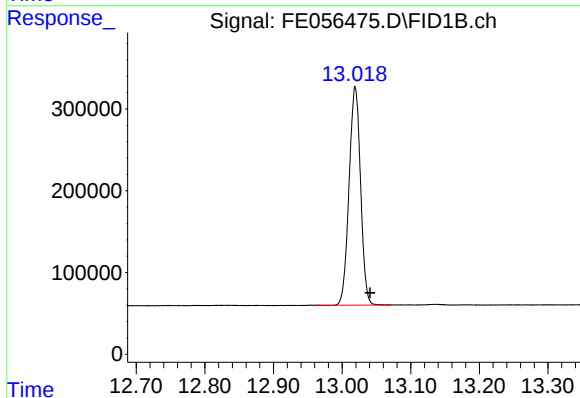
R.T.: 11.705 min
Delta R.T.: -0.022 min
Response: 3244952
Conc: 17.79 ug/ml



#9 ortho-Terphenyl (SURR)

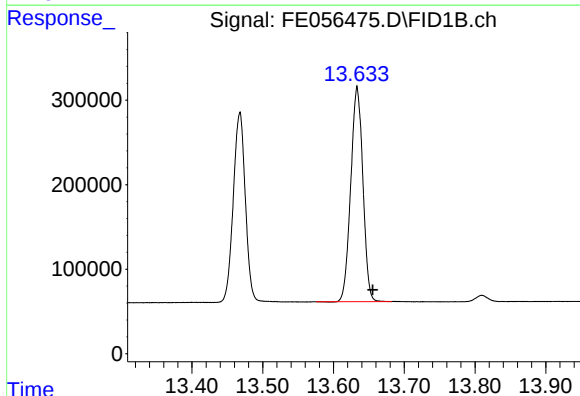
R.T.: 12.030 min
Delta R.T.: -0.022 min
Response: 3523302
Conc: 17.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



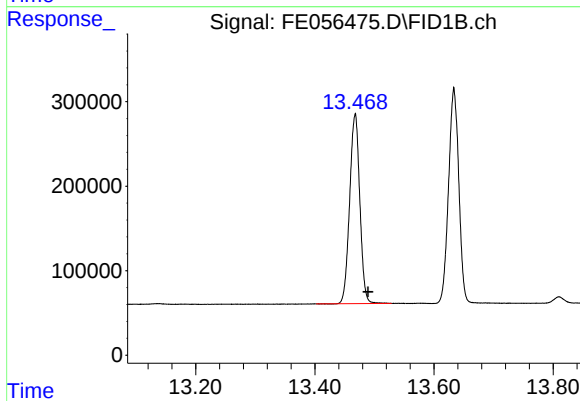
#10 n-Eicosane (C20)

R.T.: 13.019 min
Delta R.T.: -0.022 min
Response: 3104572
Conc: 17.44 ug/ml



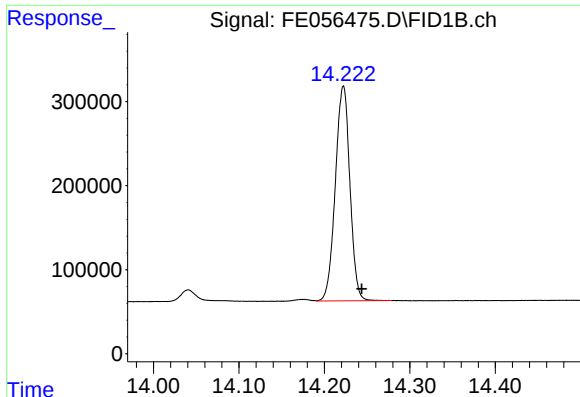
#11 n-Heneicosane (C21)

R.T.: 13.634 min
Delta R.T.: -0.022 min
Response: 3028623
Conc: 17.26 ug/ml



#12 1-chlorooctadecane (SURR)

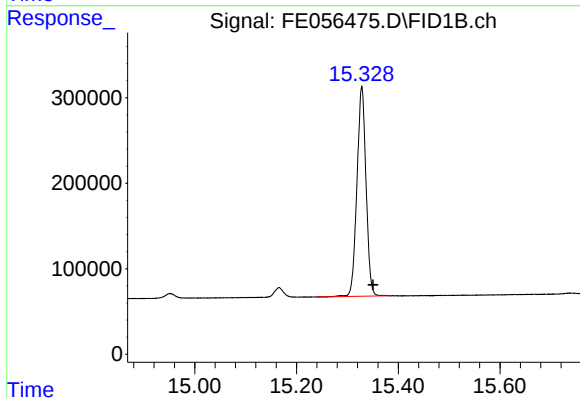
R.T.: 13.467 min
Delta R.T.: -0.022 min
Response: 2658507
Conc: 17.42 ug/ml



#13 n-Docosane (C22)

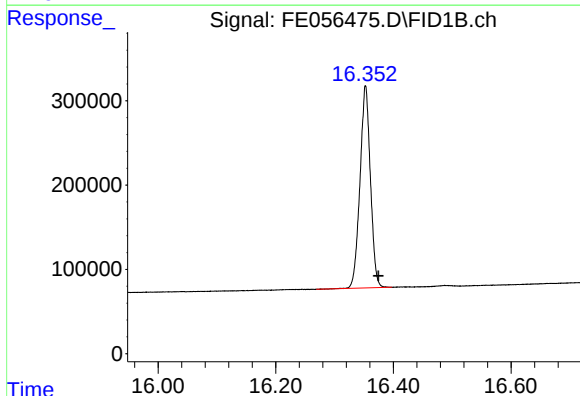
R.T.: 14.222 min
Delta R.T.: -0.022 min
Response: 3028753
Conc: 17.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



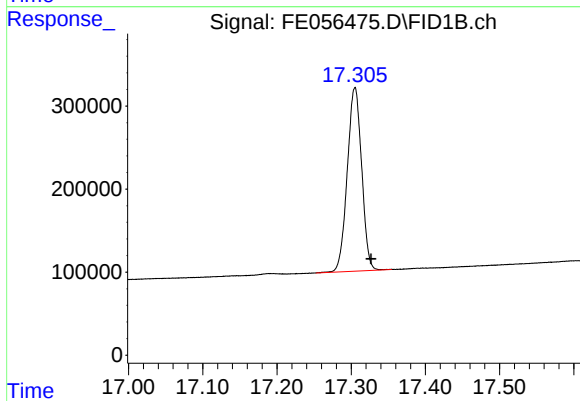
#14 n-Tetracosane (C24)

R.T.: 15.328 min
Delta R.T.: -0.022 min
Response: 3037069
Conc: 16.69 ug/ml



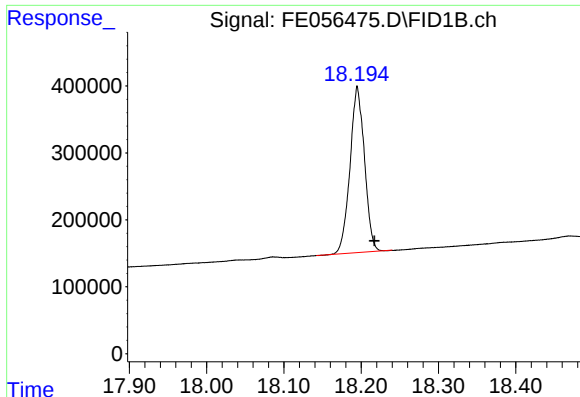
#15 n-Hexacosane (C26)

R.T.: 16.353 min
Delta R.T.: -0.022 min
Response: 2951494
Conc: 16.44 ug/ml



#16 n-Octacosane (C28)

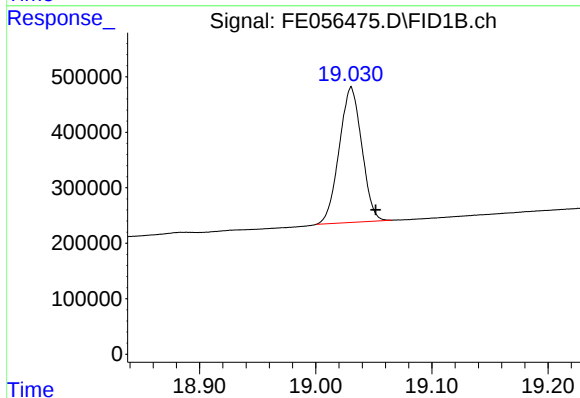
R.T.: 17.305 min
Delta R.T.: -0.021 min
Response: 2982288
Conc: 16.76 ug/ml m



#17 n-Tricontane (C30)

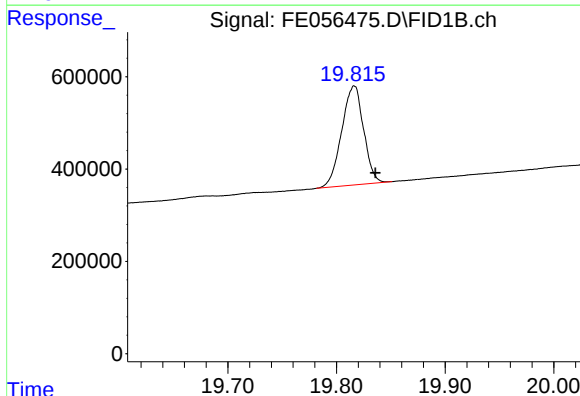
R.T.: 18.194 min
Delta R.T.: -0.022 min
Response: 3226536
Conc: 17.77 ug/ml

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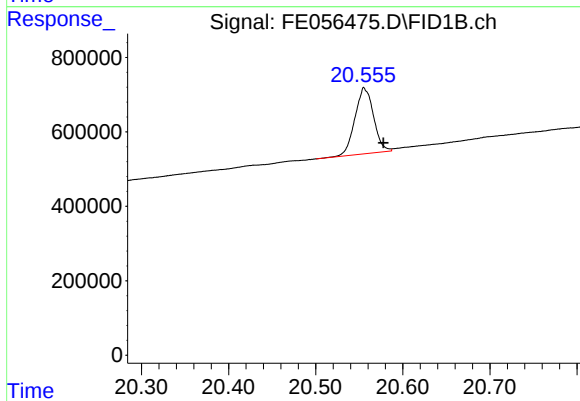
#18 n-Dotriacontane (C32)

R.T.: 19.030 min
Delta R.T.: -0.021 min
Response: 3292319
Conc: 18.67 ug/ml



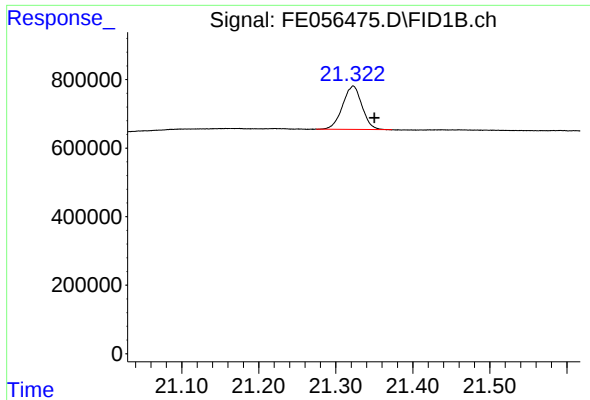
#19 n-Tetratriacontane (C34)

R.T.: 19.815 min
Delta R.T.: -0.020 min
Response: 3001878
Conc: 19.39 ug/ml m



#20 n-Hexatriacontane (C36)

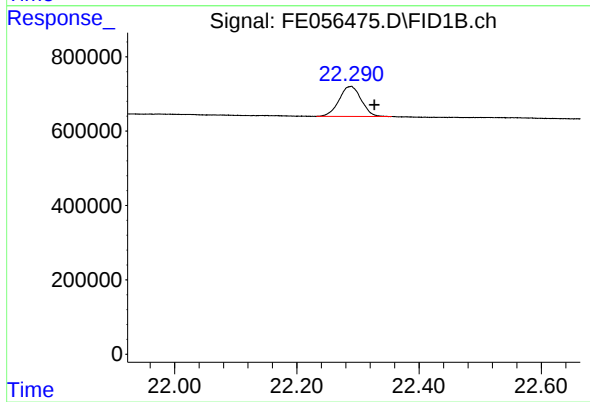
R.T.: 20.556 min
Delta R.T.: -0.021 min
Response: 2637842
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.322 min
Delta R.T.: -0.028 min
Response: 2219615
Conc: 21.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.290 min
Delta R.T.: -0.038 min
Response: 2031521
Conc: 22.39 ug/ml m