

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043104.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2023 11:27
 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: Jul 06 17:29:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.904	4123860	22.448 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
12) S 1-chlorooctadecane (S...	13.340	3031656	22.277 ug/ml
Spiked Amount 50.000		Recovery =	44.55%
Target Compounds			
1) T n-Nonane (C9)	3.283	3558218	23.035 ug/ml
2) T n-Decane (C10)	4.535	3617369	22.901 ug/ml
3) T A~Naphthalene (C11.7)	6.244	3857962	22.785 ug/ml
4) T n-Dodecane (C12)	6.705	3656813	22.846 ug/ml
5) T A~2-methylnaphthalene...	7.341	3675317	22.668 ug/ml
6) T n-Tetradecane (C14)	8.534	3650877	22.940 ug/ml
7) T n-Hexadecane (C16)	10.141	3738312	22.698 ug/ml
8) T n-Octadecane (C18)	11.585	3758253	22.610 ug/ml
10) T n-Eicosane (C20)	12.895	3578245	22.550 ug/ml
11) T n-Heneicosane (C21)	13.506	3487928	22.544 ug/ml
13) T n-Docosane (C22)	14.092	3425470	22.487 ug/ml
14) T n-Tetracosane (C24)	15.195	3334611	22.474 ug/ml
15) T n-Hexacosane (C26)	16.215	3211957	22.467 ug/ml
16) T n-Octacosane (C28)	17.165	3098495	22.340 ug/ml
17) T n-Tricontane (C30)	18.052	3122696	22.080 ug/ml
18) T n-Dotriacontane (C32)	18.886	3076004	21.931 ug/ml
19) T n-Tetratriacontane (C34)	19.669	3032876	22.163 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2938871	21.975 ug/ml
21) T n-Octatriacontane (C38)	21.148	2915253	21.382 ug/ml
22) T n-Tetracontane (C40)	22.061	2922925	21.009 ug/ml

(f)=RT Delta > 1/2 Window

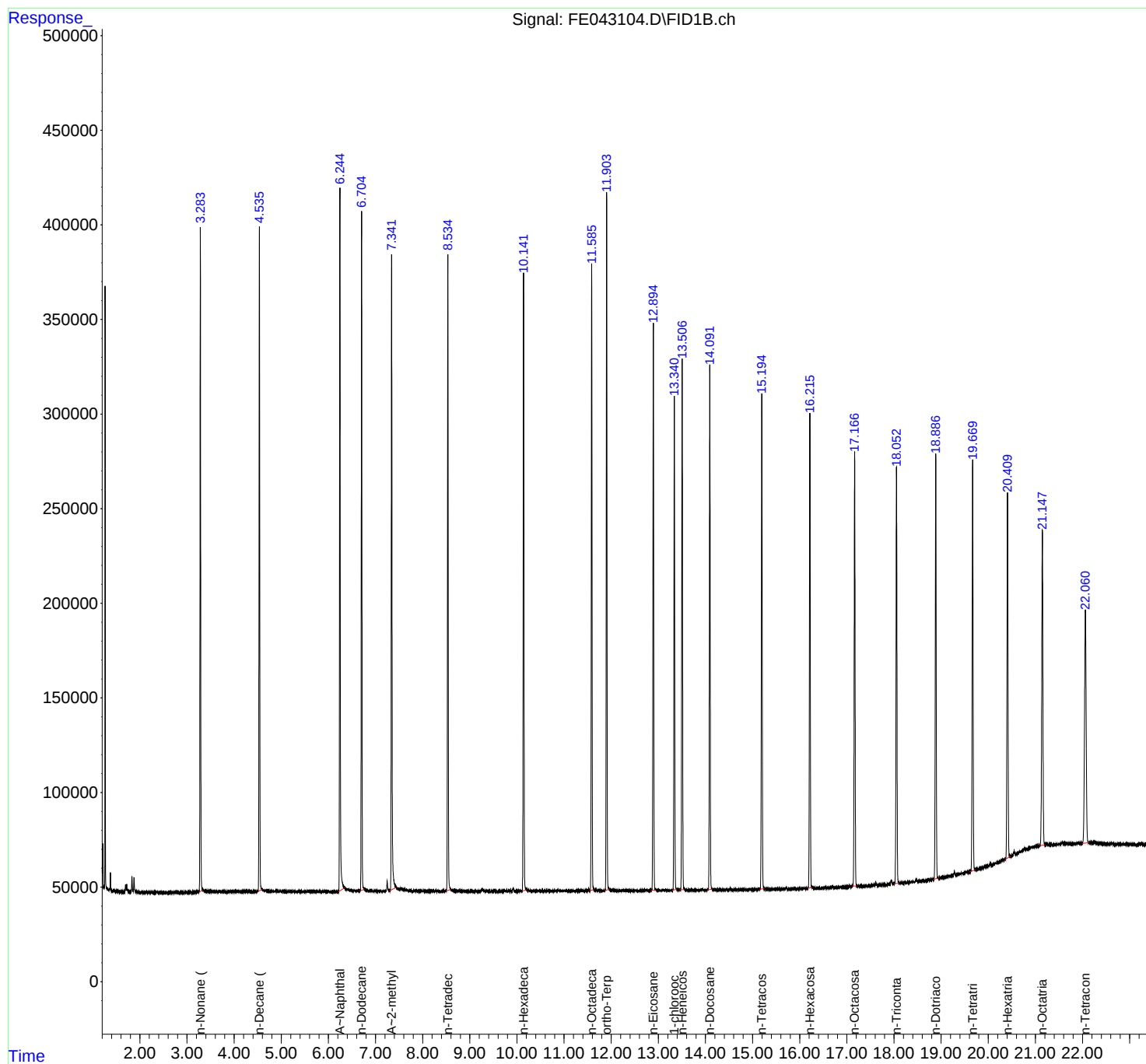
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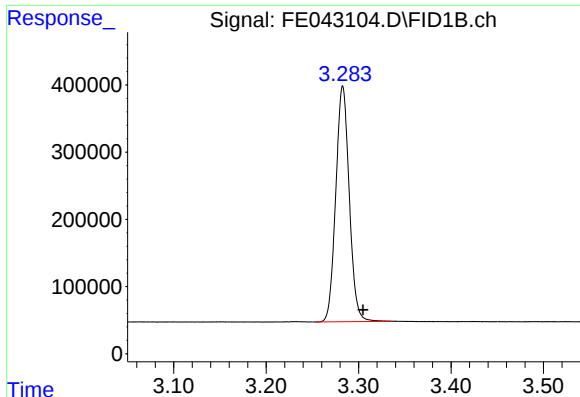
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
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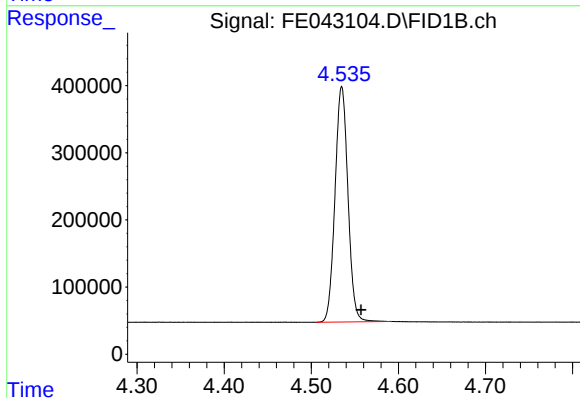




#1 n-Nonane (C9)

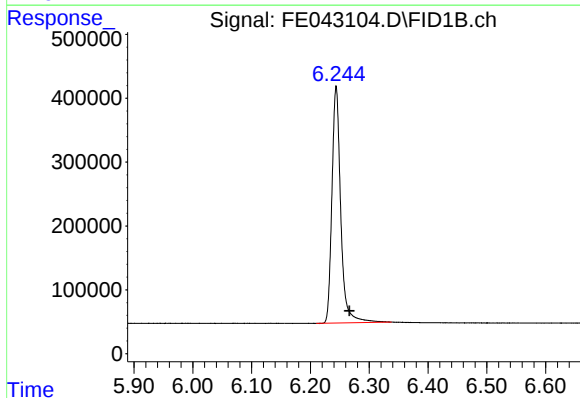
R.T.: 3.283 min
Delta R.T.: -0.022 min
Response: 3558218
Conc: 23.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



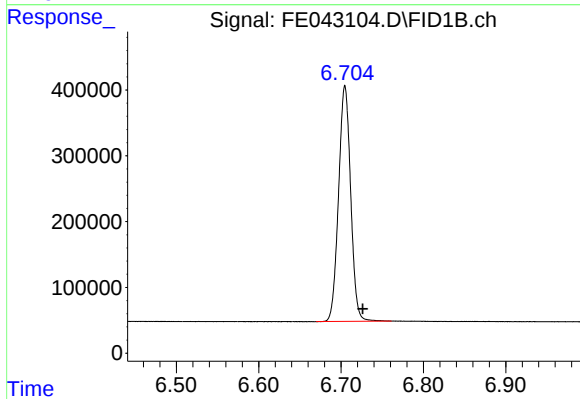
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.022 min
Response: 3617369
Conc: 22.90 ug/ml



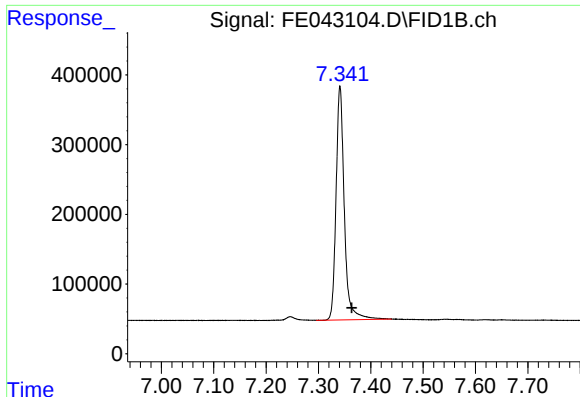
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.023 min
Response: 3857962
Conc: 22.78 ug/ml



#4 n-Dodecane (C12)

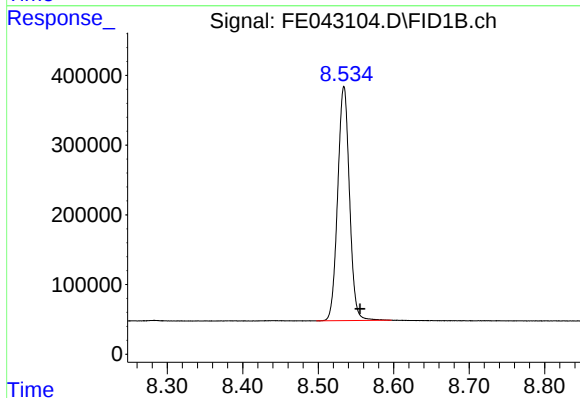
R.T.: 6.705 min
Delta R.T.: -0.022 min
Response: 3656813
Conc: 22.85 ug/ml



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

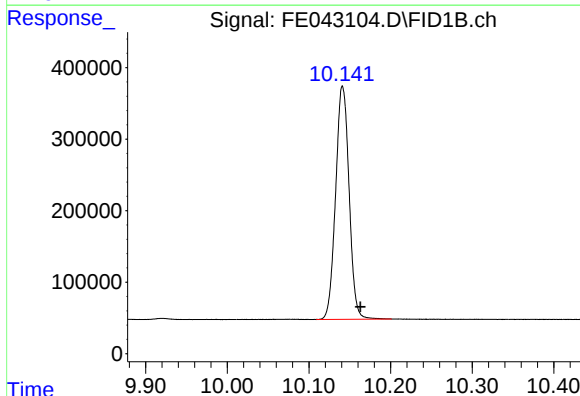
R.T.: 7.341 min
Delta R.T.: -0.022 min
Response: 3675317
Conc: 22.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



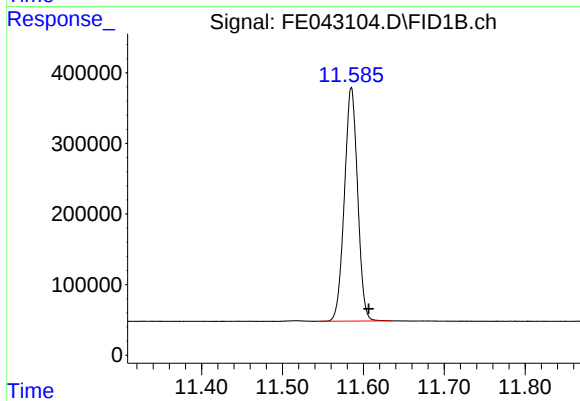
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.021 min
Response: 3650877
Conc: 22.94 ug/ml



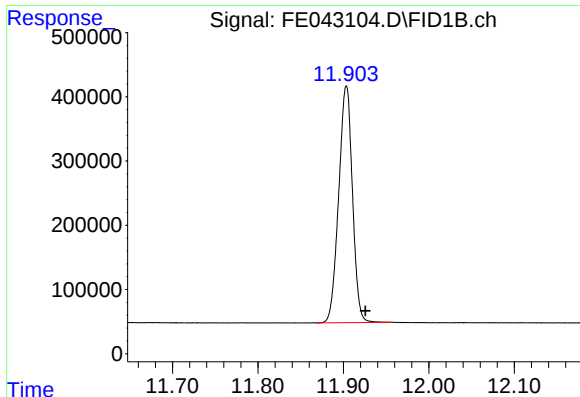
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.022 min
Response: 3738312
Conc: 22.70 ug/ml



#8 n-Octadecane (C18)

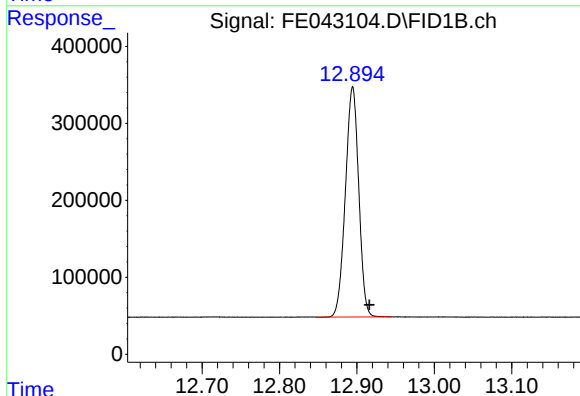
R.T.: 11.585 min
Delta R.T.: -0.022 min
Response: 3758253
Conc: 22.61 ug/ml



#9 ortho-Terphenyl (SURR)

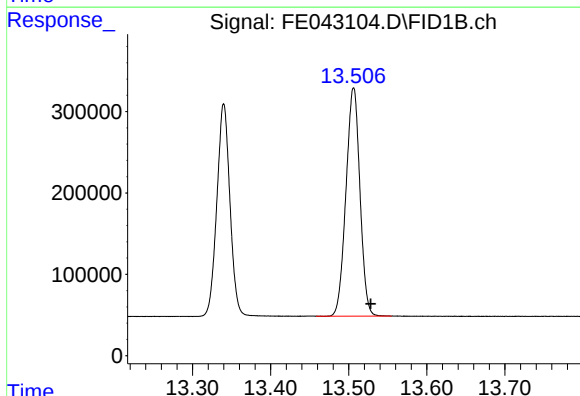
R.T.: 11.904 min
Delta R.T.: -0.022 min
Response: 4123860
Conc: 22.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



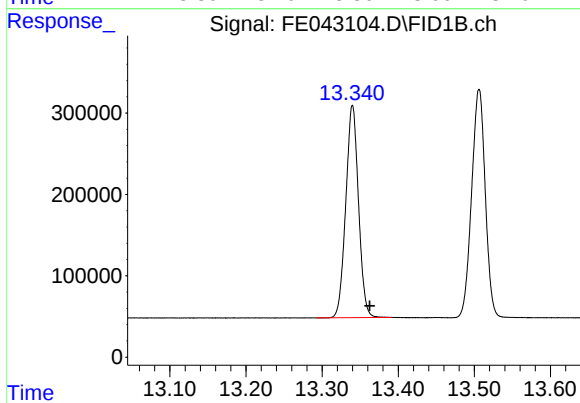
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.022 min
Response: 3578245
Conc: 22.55 ug/ml



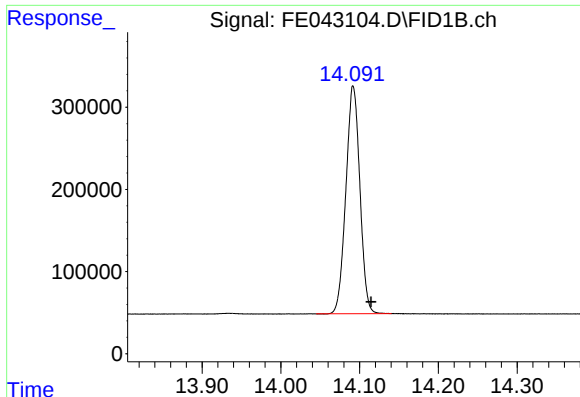
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.022 min
Response: 3487928
Conc: 22.54 ug/ml



#12 1-chlorooctadecane (SURR)

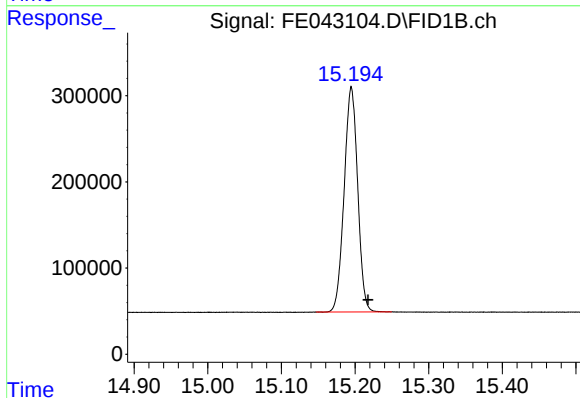
R.T.: 13.340 min
Delta R.T.: -0.023 min
Response: 3031656
Conc: 22.28 ug/ml



#13 n-Docosane (C22)

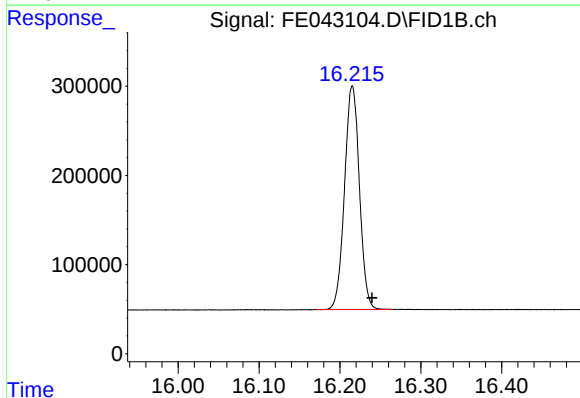
R.T.: 14.092 min
Delta R.T.: -0.023 min
Response: 3425470
Conc: 22.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



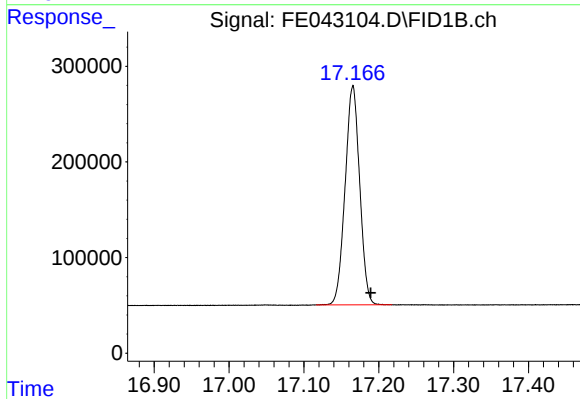
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.023 min
Response: 3334611
Conc: 22.47 ug/ml



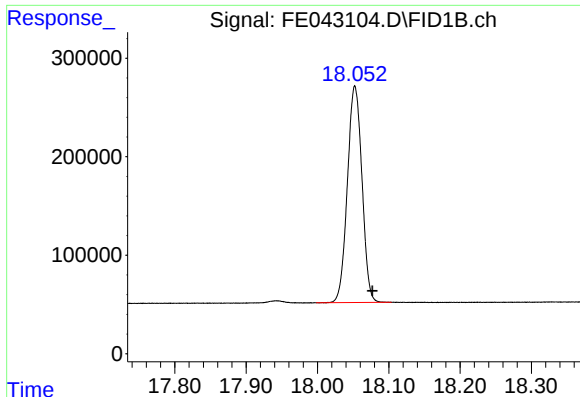
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.024 min
Response: 3211957
Conc: 22.47 ug/ml



#16 n-Octacosane (C28)

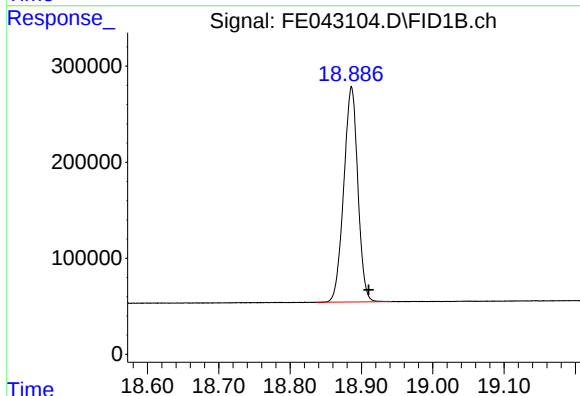
R.T.: 17.165 min
Delta R.T.: -0.024 min
Response: 3098495
Conc: 22.34 ug/ml



#17 n-Tricontane (C30)

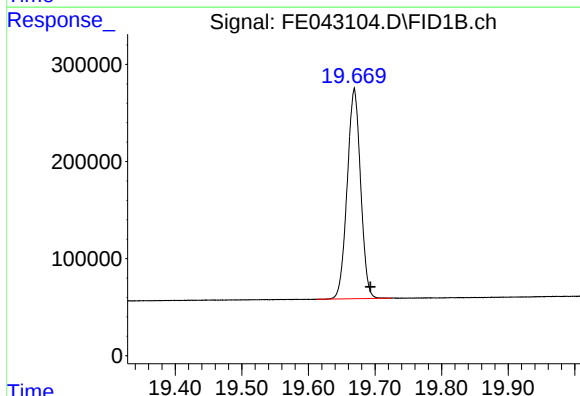
R.T.: 18.052 min
Delta R.T.: -0.025 min
Response: 3122696
Conc: 22.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



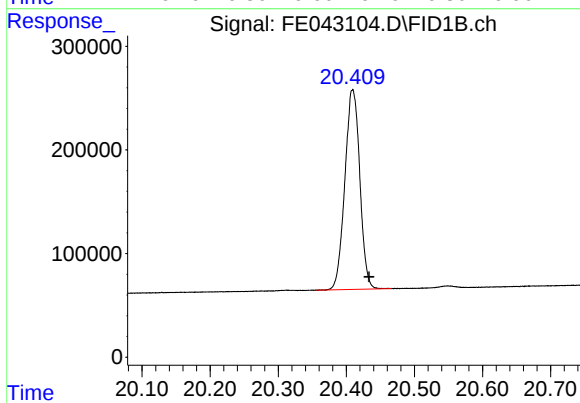
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.024 min
Response: 3076004
Conc: 21.93 ug/ml



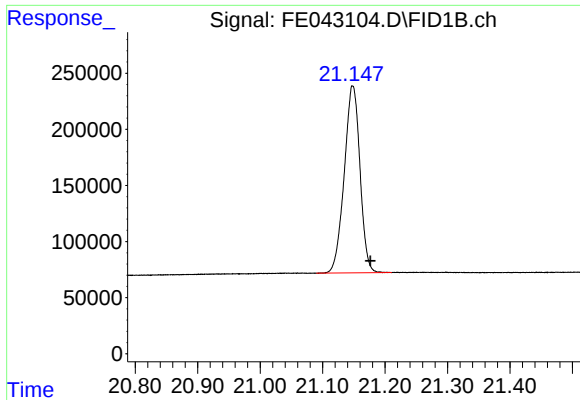
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.024 min
Response: 3032876
Conc: 22.16 ug/ml



#20 n-Hexatriacontane (C36)

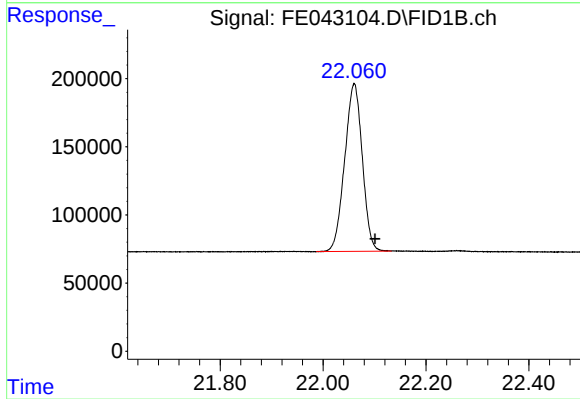
R.T.: 20.409 min
Delta R.T.: -0.024 min
Response: 2938871
Conc: 21.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.028 min
Response: 2915253
Conc: 21.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: -0.040 min
Response: 2922925
Conc: 21.01 ug/ml