

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043125.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2023 00:46
 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 07 02:12:01 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)	11.901	3930245	21.395 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
12) S 1-chlorooctadecane (S...	13.338	2895866	21.279 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
Target Compounds			
1) T n-Nonane (C9)	3.282	3372142	21.830 ug/ml
2) T n-Decane (C10)	4.534	3430807	21.720 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3650075	21.557 ug/ml
4) T n-Dodecane (C12)	6.704	3468902	21.672 ug/ml
5) T A~2-methylnaphthalene...	7.340	3477087	21.445 ug/ml
6) T n-Tetradecane (C14)	8.533	3477345	21.849 ug/ml
7) T n-Hexadecane (C16)	10.140	3549671	21.553 ug/ml
8) T n-Octadecane (C18)	11.583	3573247	21.497 ug/ml
10) T n-Eicosane (C20)	12.893	3405150	21.459 ug/ml
11) T n-Heneicosane (C21)	13.505	3325817	21.497 ug/ml
13) T n-Docosane (C22)	14.091	3265561	21.437 ug/ml
14) T n-Tetracosane (C24)	15.193	3181040	21.439 ug/ml
15) T n-Hexacosane (C26)	16.215	3069912	21.474 ug/ml
16) T n-Octacosane (C28)	17.164	2964228	21.372 ug/ml
17) T n-Tricontane (C30)	18.052	2988998	21.134 ug/ml
18) T n-Dotriacontane (C32)	18.885	2949967	21.032 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2899296	21.187 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2813504	21.038 ug/ml
21) T n-Octatriacontane (C38)	21.145	2796591	20.512 ug/ml
22) T n-Tetracontane (C40)	22.057	2800417	20.128 ug/ml

(f)=RT Delta > 1/2 Window

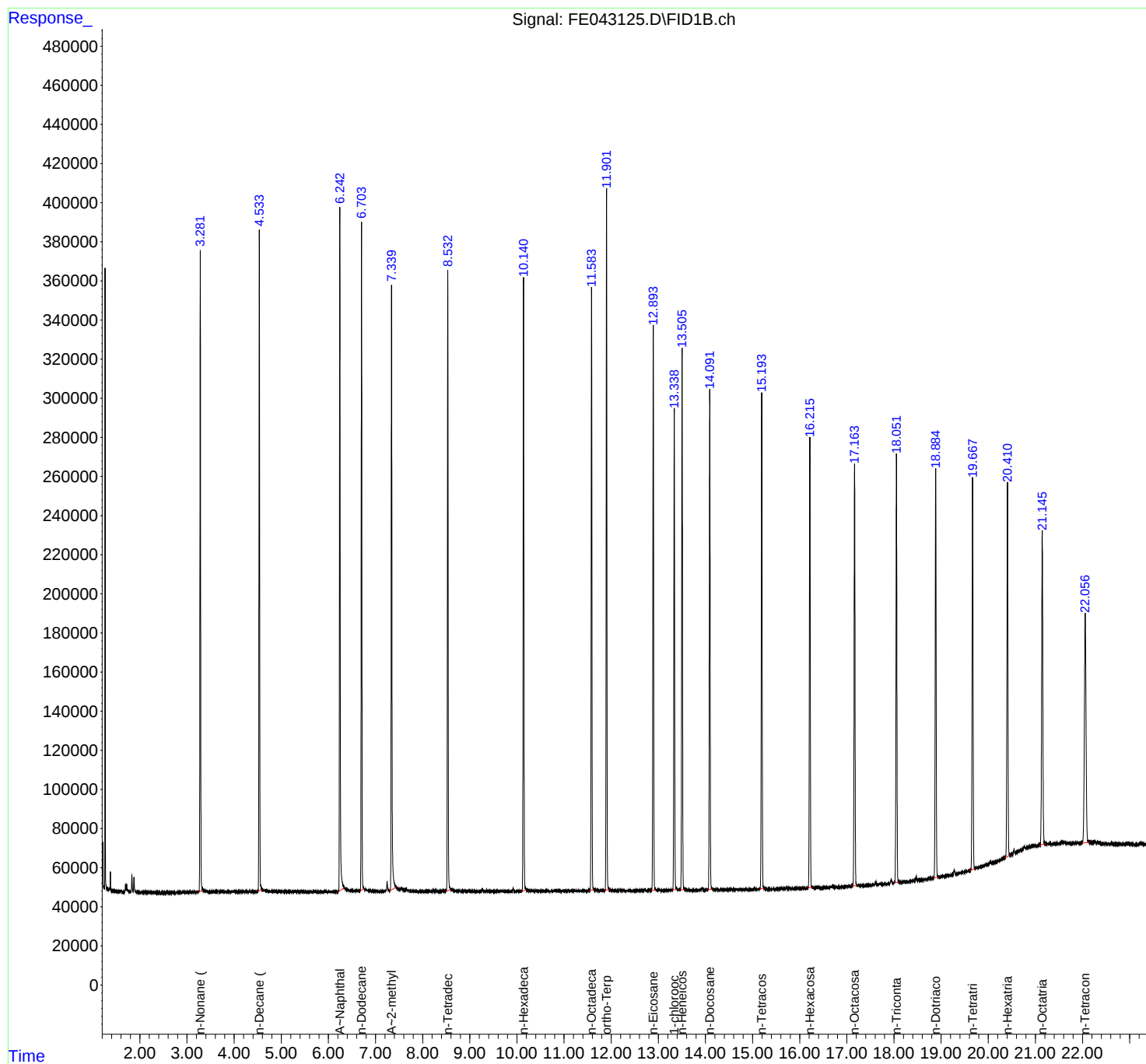
(m)=manual int.

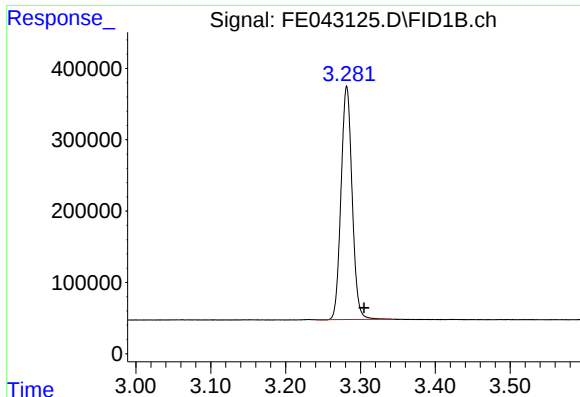
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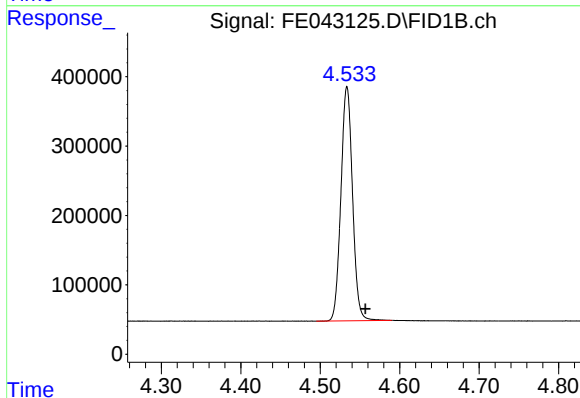




#1 n-Nonane (C9)

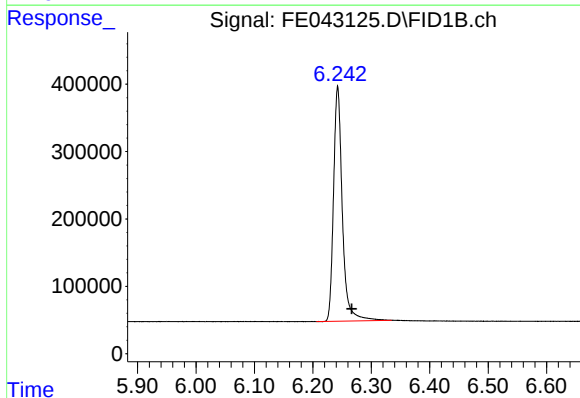
R.T.: 3.282 min
Delta R.T.: -0.023 min
Response: 3372142
Conc: 21.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



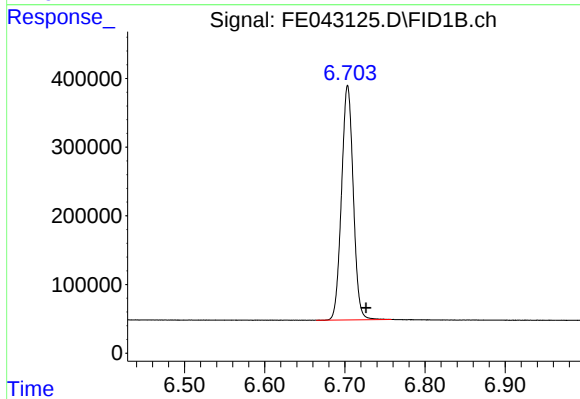
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.023 min
Response: 3430807
Conc: 21.72 ug/ml



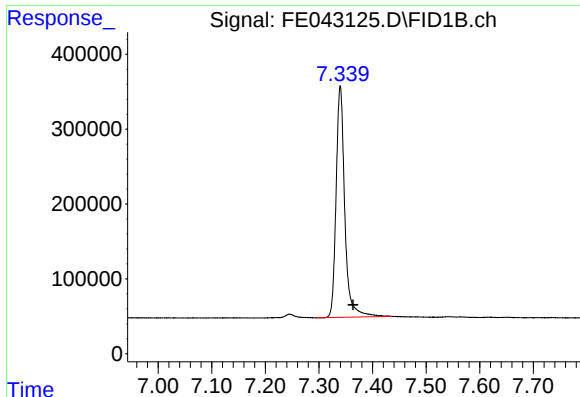
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.024 min
Response: 3650075
Conc: 21.56 ug/ml



#4 n-Dodecane (C12)

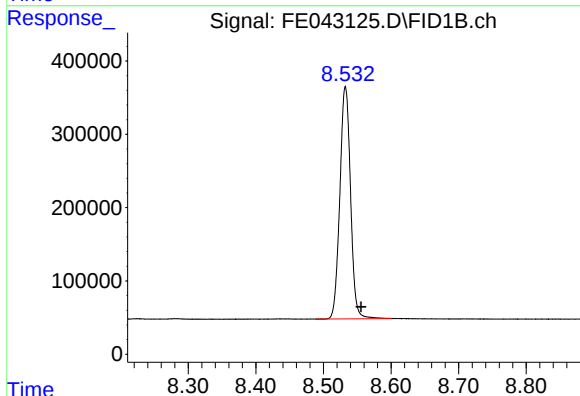
R.T.: 6.704 min
Delta R.T.: -0.023 min
Response: 3468902
Conc: 21.67 ug/ml



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

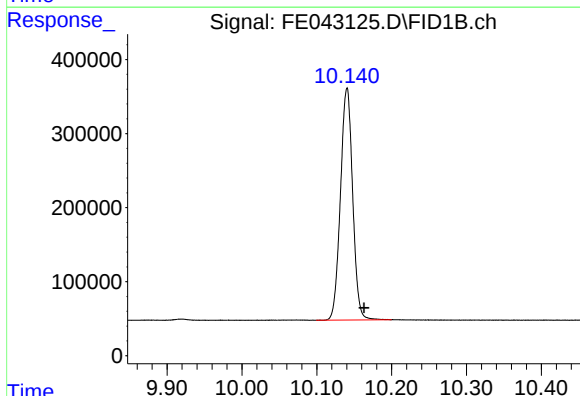
R.T.: 7.340 min
Delta R.T.: -0.024 min
Response: 3477087
Conc: 21.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



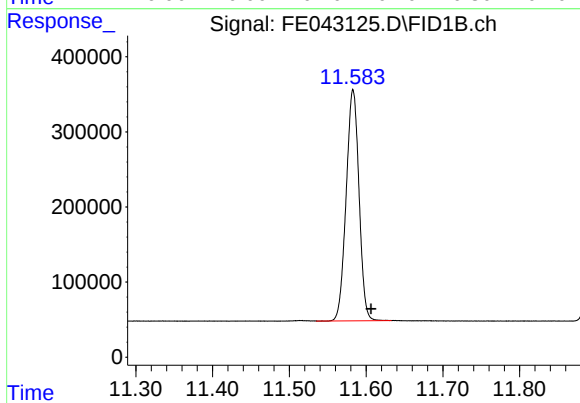
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.023 min
Response: 3477345
Conc: 21.85 ug/ml



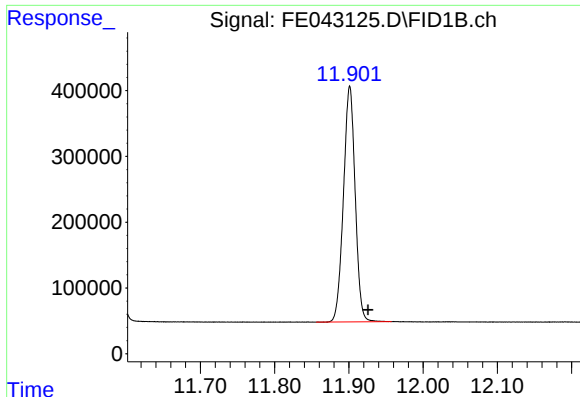
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.023 min
Response: 3549671
Conc: 21.55 ug/ml



#8 n-Octadecane (C18)

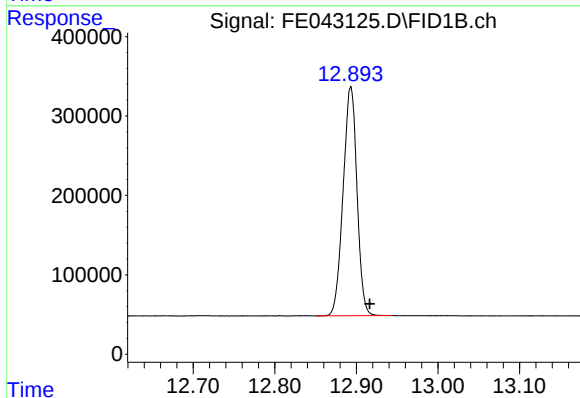
R.T.: 11.583 min
Delta R.T.: -0.024 min
Response: 3573247
Conc: 21.50 ug/ml



#9 ortho-Terphenyl (SURR)

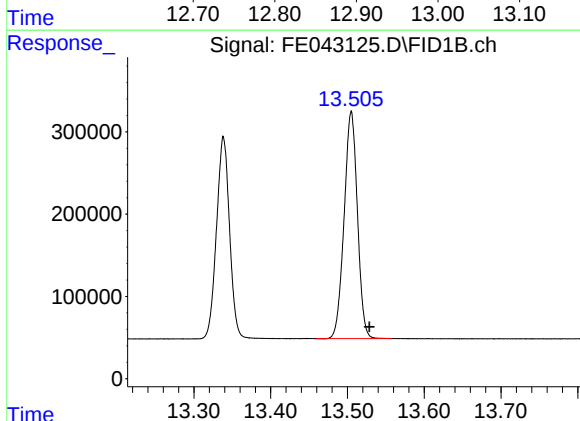
R.T.: 11.901 min
Delta R.T.: -0.025 min
Response: 3930245
Conc: 21.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



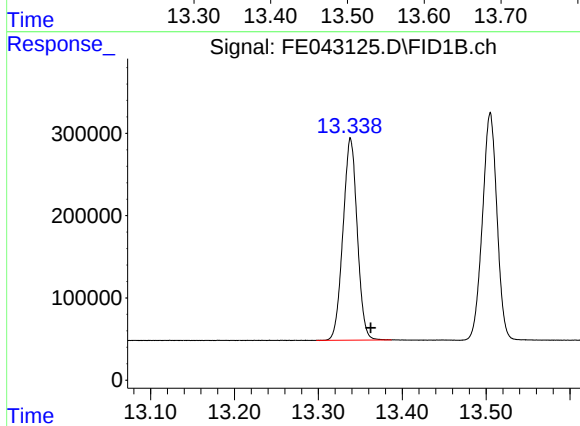
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.023 min
Response: 3405150
Conc: 21.46 ug/ml



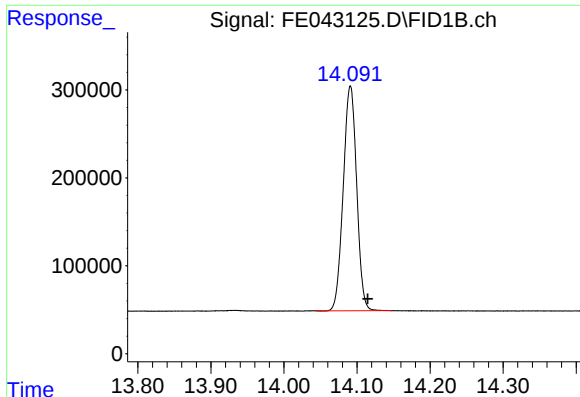
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.023 min
Response: 3325817
Conc: 21.50 ug/ml



#12 1-chlorooctadecane (SURR)

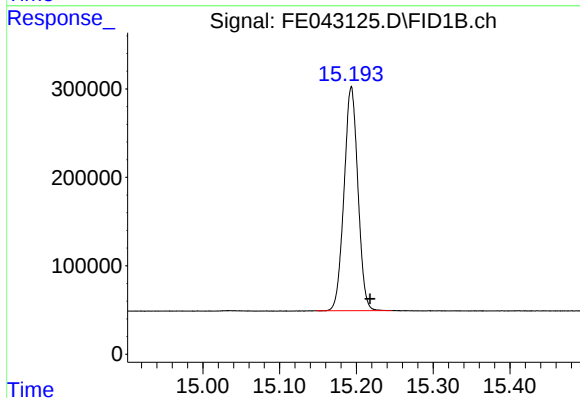
R.T.: 13.338 min
Delta R.T.: -0.024 min
Response: 2895866
Conc: 21.28 ug/ml



#13 n-Docosane (C22)

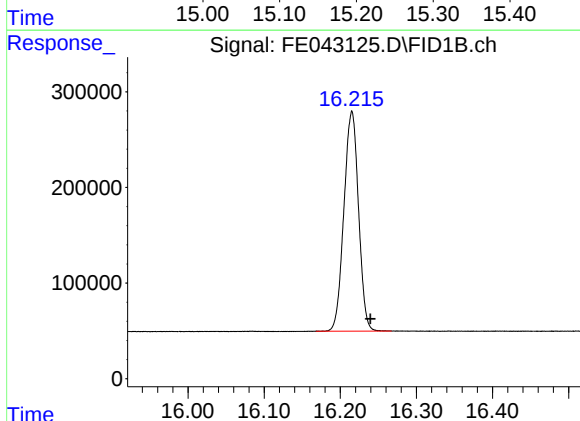
R.T.: 14.091 min
Delta R.T.: -0.024 min
Response: 3265561
Conc: 21.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



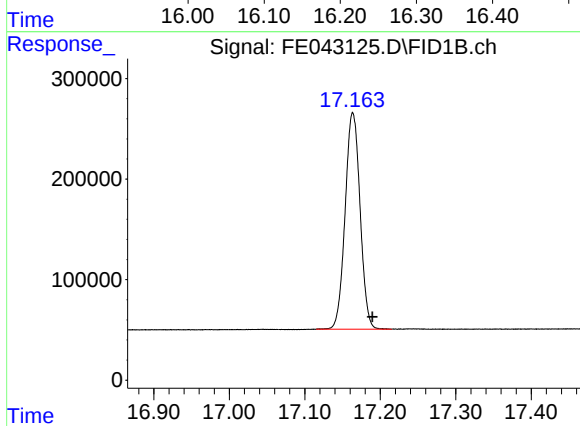
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.024 min
Response: 3181040
Conc: 21.44 ug/ml



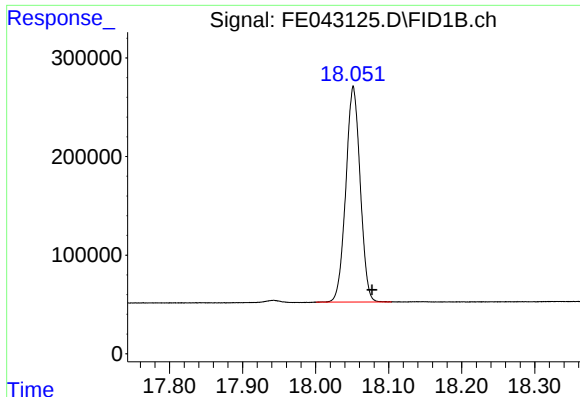
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.024 min
Response: 3069912
Conc: 21.47 ug/ml



#16 n-Octacosane (C28)

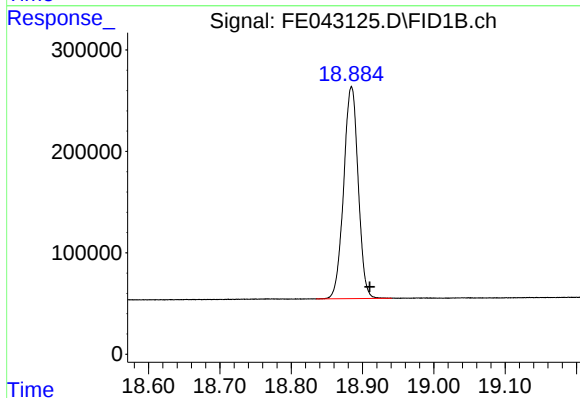
R.T.: 17.164 min
Delta R.T.: -0.026 min
Response: 2964228
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

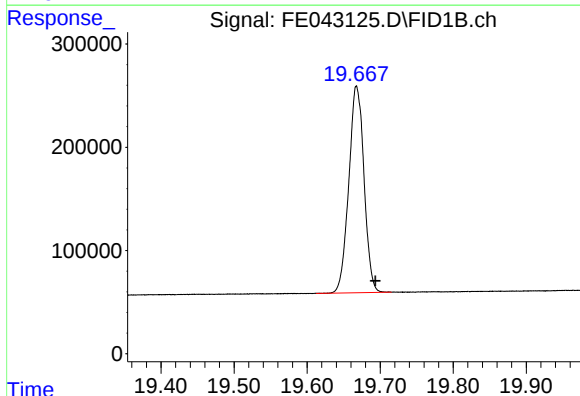
R.T.: 18.052 min
Delta R.T.: -0.026 min
Response: 2988998
Conc: 21.13 ug/ml

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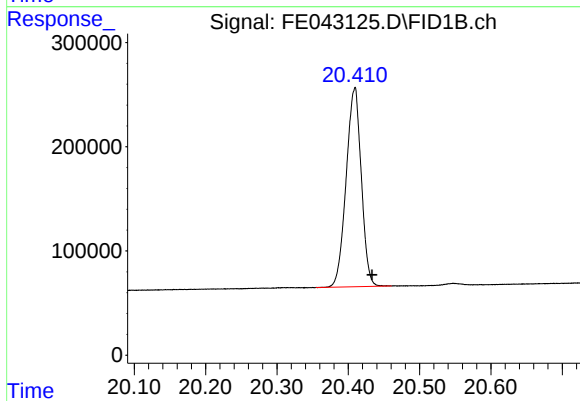
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.026 min
Response: 2949967
Conc: 21.03 ug/ml



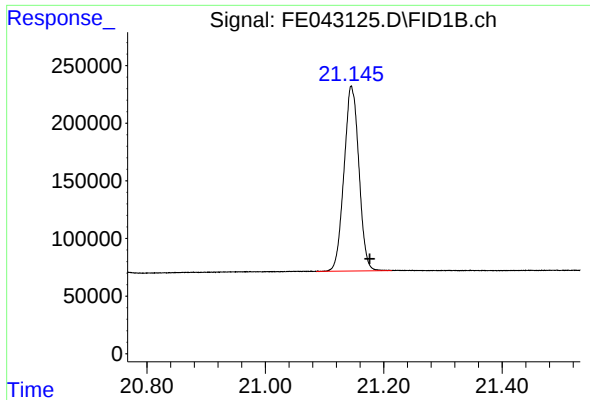
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.026 min
Response: 2899296
Conc: 21.19 ug/ml



#20 n-Hexatriacontane (C36)

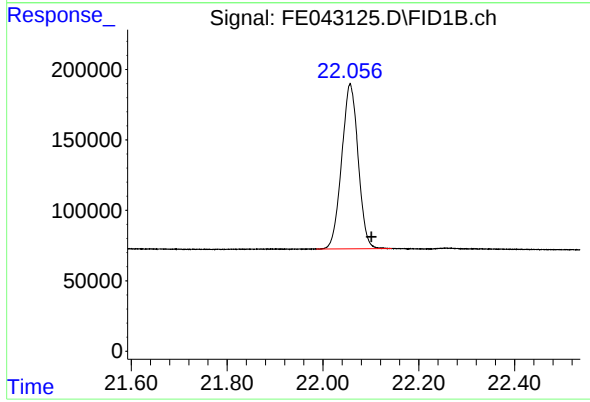
R.T.: 20.409 min
Delta R.T.: -0.024 min
Response: 2813504
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.031 min
Response: 2796591
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.057 min
Delta R.T.: -0.045 min
Response: 2800417
Conc: 20.13 ug/ml