

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071023AL\
 Data File : FE043137.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2023 14:48
 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 11 02:31:47 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	3662511	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.339	2692388	19.784 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
Target Compounds			
1) T n-Nonane (C9)	3.281	3127580	20.247 ug/ml
2) T n-Decane (C10)	4.533	3193185	20.215 ug/ml
3) T A~Naphthalene (C11.7)	6.242	3373409	19.923 ug/ml
4) T n-Dodecane (C12)	6.703	3226726	20.159 ug/ml
5) T A~2-methylnaphthalene...	7.339	3208574	19.789 ug/ml
6) T n-Tetradecane (C14)	8.533	3219378	20.228 ug/ml
7) T n-Hexadecane (C16)	10.140	3298562	20.028 ug/ml
8) T n-Octadecane (C18)	11.583	3316801	19.955 ug/ml
10) T n-Eicosane (C20)	12.892	3167939	19.964 ug/ml
11) T n-Heneicosane (C21)	13.505	3090824	19.978 ug/ml
13) T n-Docosane (C22)	14.091	3046062	19.996 ug/ml
14) T n-Tetracosane (C24)	15.194	2975872	20.057 ug/ml
15) T n-Hexacosane (C26)	16.215	2877260	20.126 ug/ml
16) T n-Octacosane (C28)	17.165	2779803	20.042 ug/ml
17) T n-Tricontane (C30)	18.053	2813519	19.894 ug/ml
18) T n-Dotriacontane (C32)	18.884	2782593	19.839 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2730014	19.950 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2630654	19.671 ug/ml
21) T n-Octatriacontane (C38)	21.147	2600032	19.070 ug/ml
22) T n-Tetracontane (C40)	22.058	2609043	18.753 ug/ml

(f)=RT Delta > 1/2 Window

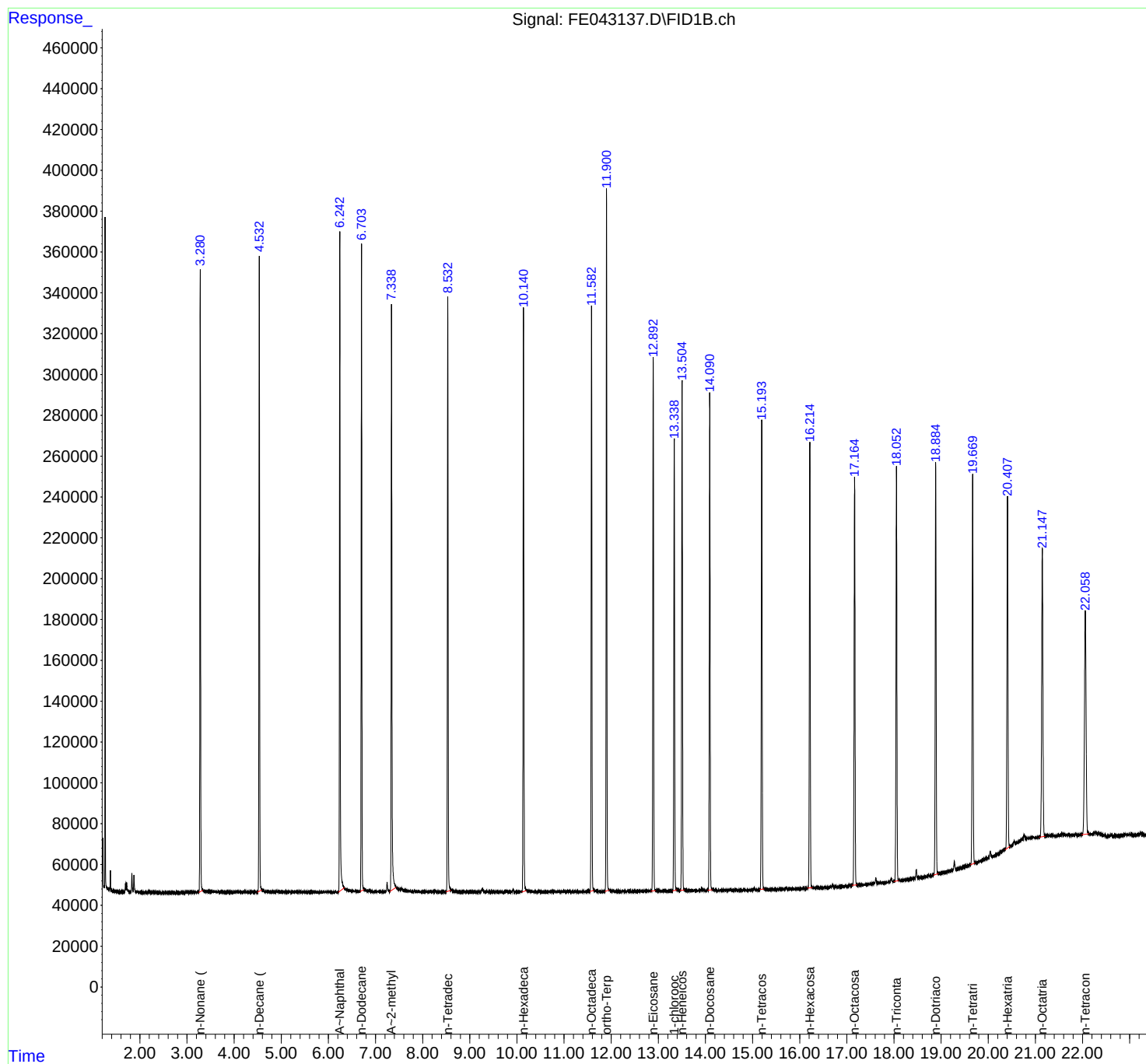
(m)=manual int.

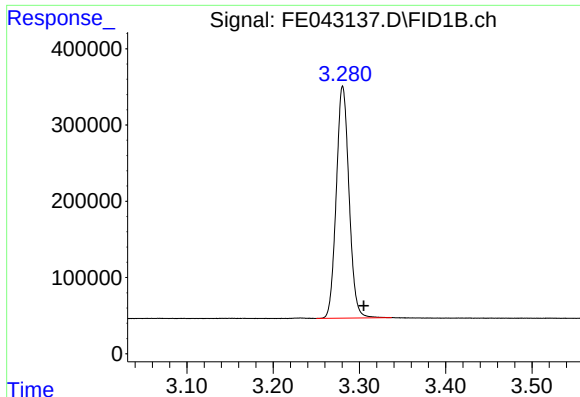
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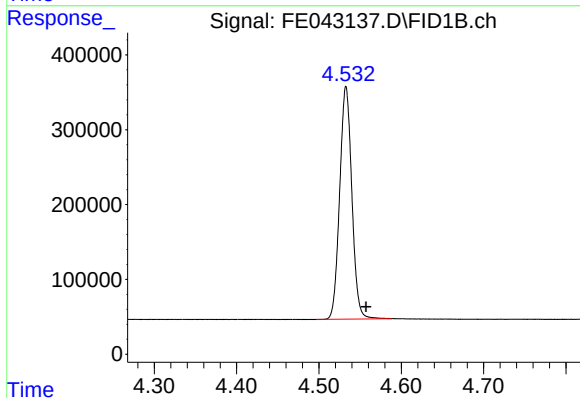




#1 n-Nonane (C9)

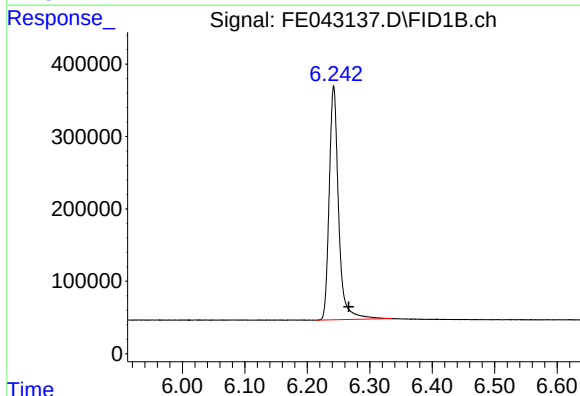
R.T.: 3.281 min
Delta R.T.: -0.024 min
Response: 3127580
Conc: 20.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



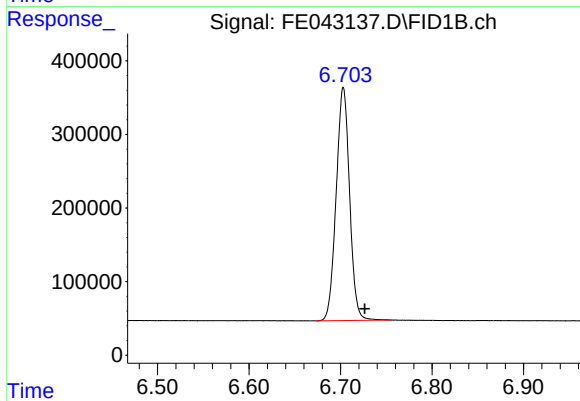
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.024 min
Response: 3193185
Conc: 20.22 ug/ml



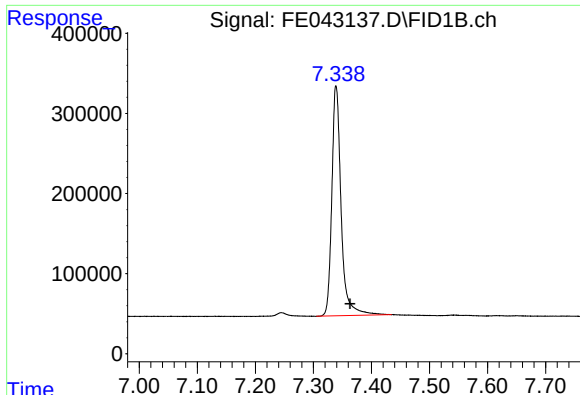
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.024 min
Response: 3373409
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

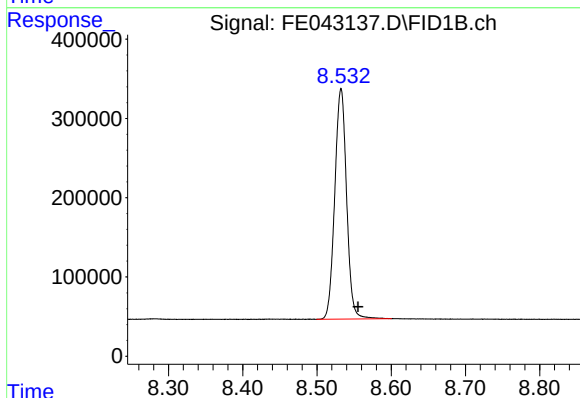
R.T.: 6.703 min
Delta R.T.: -0.023 min
Response: 3226726
Conc: 20.16 ug/ml



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

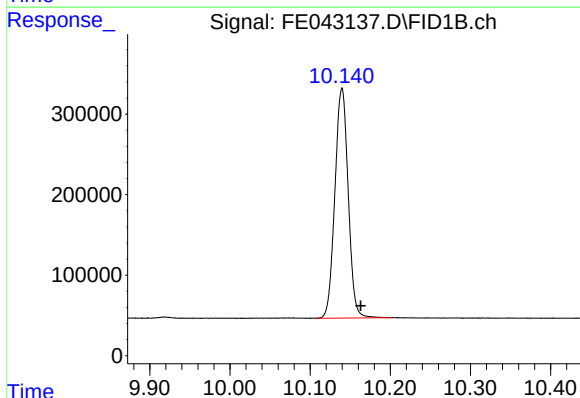
R.T.: 7.339 min
Delta R.T.: -0.024 min
Response: 3208574
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



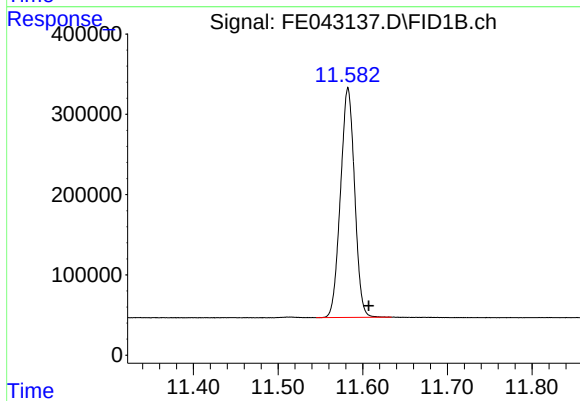
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.023 min
Response: 3219378
Conc: 20.23 ug/ml



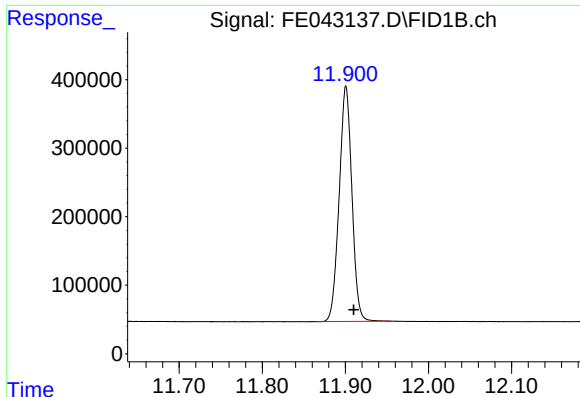
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.023 min
Response: 3298562
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

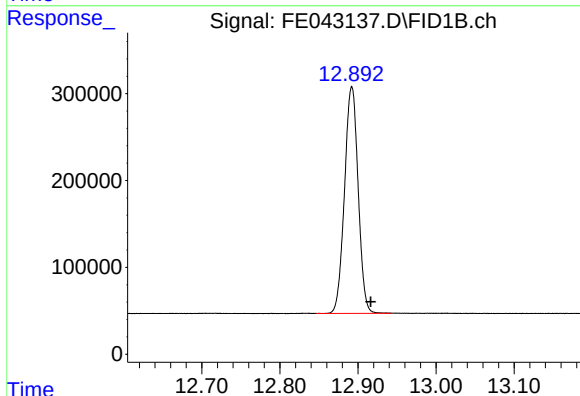
R.T.: 11.583 min
Delta R.T.: -0.024 min
Response: 3316801
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

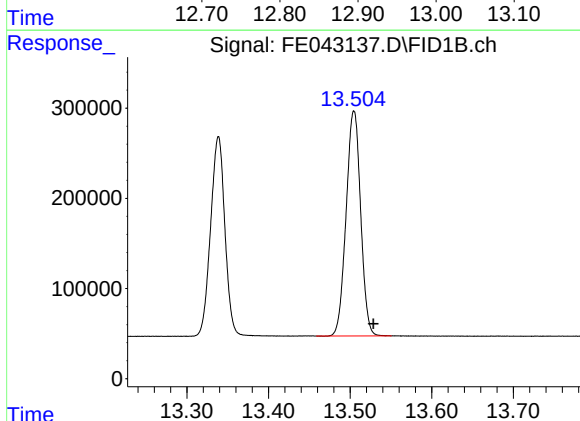
R.T.: 11.901 min
Delta R.T.: -0.009 min
Response: 3662511
Conc: 19.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



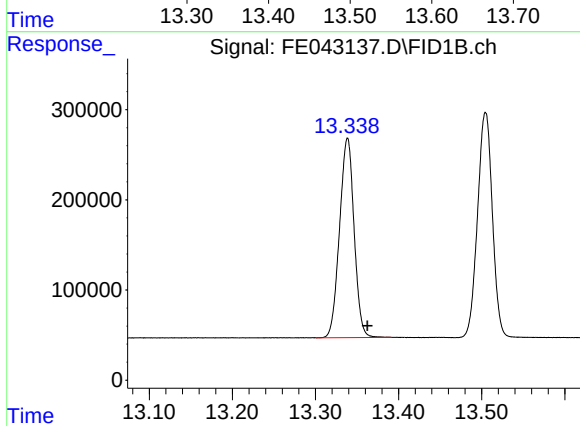
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.024 min
Response: 3167939
Conc: 19.96 ug/ml



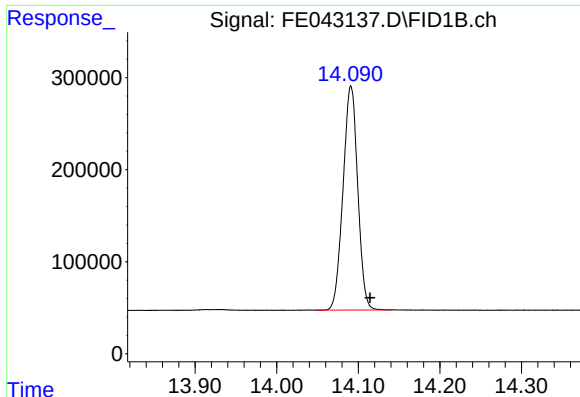
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.024 min
Response: 3090824
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

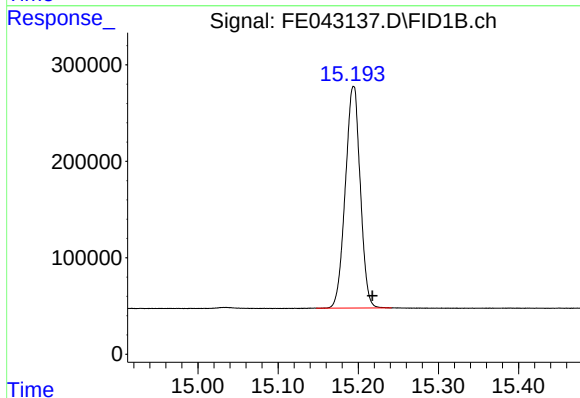
R.T.: 13.339 min
Delta R.T.: -0.024 min
Response: 2692388
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

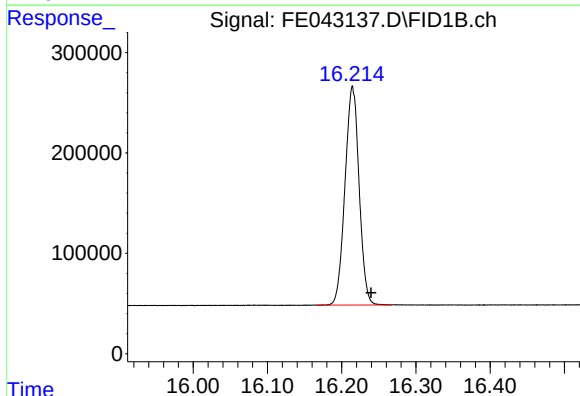
R.T.: 14.091 min
Delta R.T.: -0.023 min
Response: 3046062
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



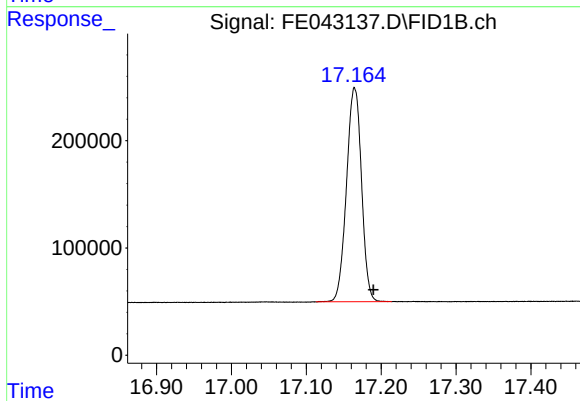
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.024 min
Response: 2975872
Conc: 20.06 ug/ml



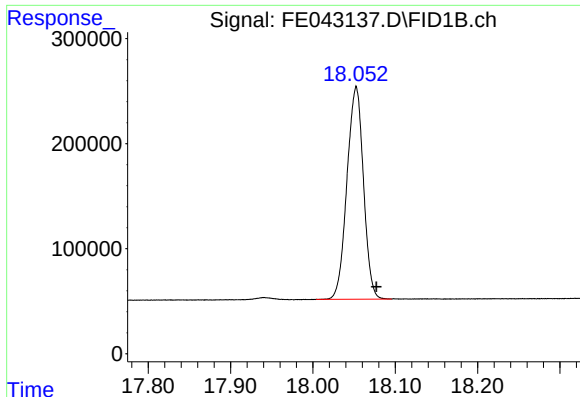
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.025 min
Response: 2877260
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

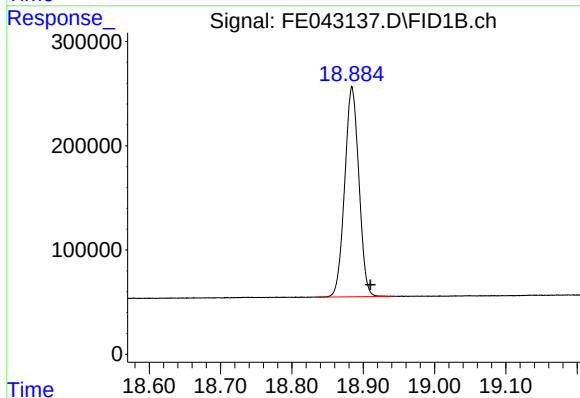
R.T.: 17.165 min
Delta R.T.: -0.025 min
Response: 2779803
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

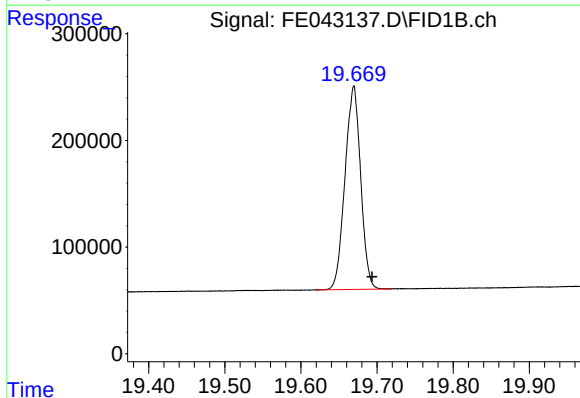
R.T.: 18.053 min
Delta R.T.: -0.025 min
Response: 2813519
Conc: 19.89 ug/ml

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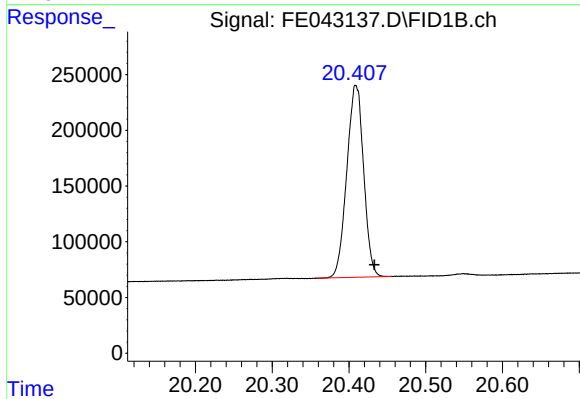
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: -0.026 min
Response: 2782593
Conc: 19.84 ug/ml



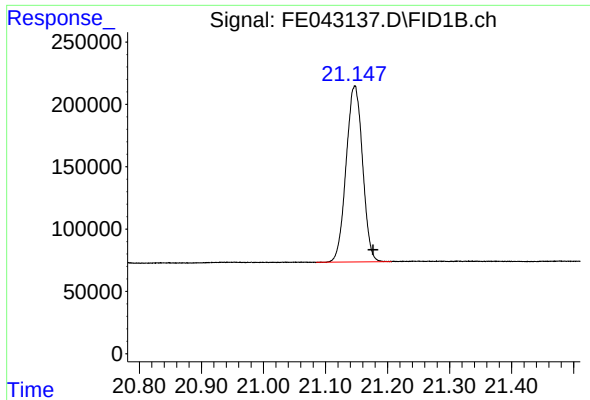
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.024 min
Response: 2730014
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

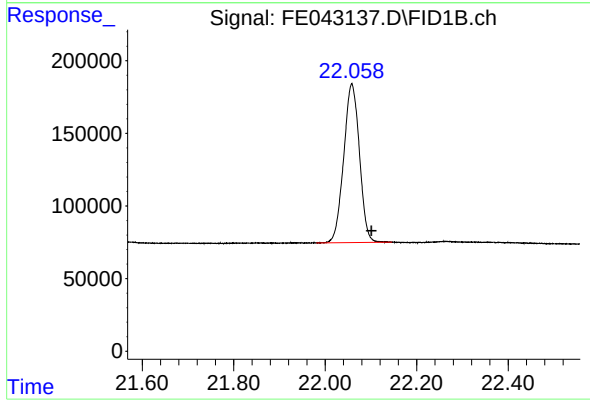
R.T.: 20.409 min
Delta R.T.: -0.024 min
Response: 2630654
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.029 min
Response: 2600032
Conc: 19.07 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.043 min
Response: 2609043
Conc: 18.75 ug/ml