

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043888.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2023 10:32
 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: Aug 11 15:12:12 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)	11.941	4453359	21.611 ug/ml
Spiked Amount 50.000		Recovery =	43.22%
12) S 1-chlorooctadecane (S...	13.380	3332364	21.355 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.329	3719726	23.034 ug/ml
2) T n-Decane (C10)	4.580	3866391	23.459 ug/ml
3) T A~Naphthalene (C11.7)	6.280	4247238	23.327 ug/ml
4) T n-Dodecane (C12)	6.744	3940957	23.547 ug/ml
5) T A~2-methylnaphthalene...	7.375	4136130	23.233 ug/ml
6) T n-Tetradecane (C14)	8.571	3937009	23.367 ug/ml
7) T n-Hexadecane (C16)	10.180	4053599	22.980 ug/ml
8) T n-Octadecane (C18)	11.624	4064793	22.439 ug/ml
10) T n-Eicosane (C20)	12.935	3863343	21.831 ug/ml
11) T n-Heneicosane (C21)	13.548	3767957	21.280 ug/ml
13) T n-Docosane (C22)	14.134	3742270	21.335 ug/ml
14) T n-Tetracosane (C24)	15.238	3645192	20.747 ug/ml
15) T n-Hexacosane (C26)	16.260	3526635	20.405 ug/ml
16) T n-Octacosane (C28)	17.211	3395434	20.293 ug/ml
17) T n-Tricontane (C30)	18.100	3407969	20.576 ug/ml
18) T n-Dotriacontane (C32)	18.935	3342808	21.171 ug/ml
19) T n-Tetratriacontane (C34)	19.720	3165804	21.304 ug/ml
20) T n-Hexatriacontane (C36)	20.461	3049843	21.819 ug/ml
21) T n-Octatriacontane (C38)	21.206	3100932	23.244 ug/ml
22) T n-Tetracontane (C40)	22.132	3194294	24.757 ug/ml

(f)=RT Delta > 1/2 Window

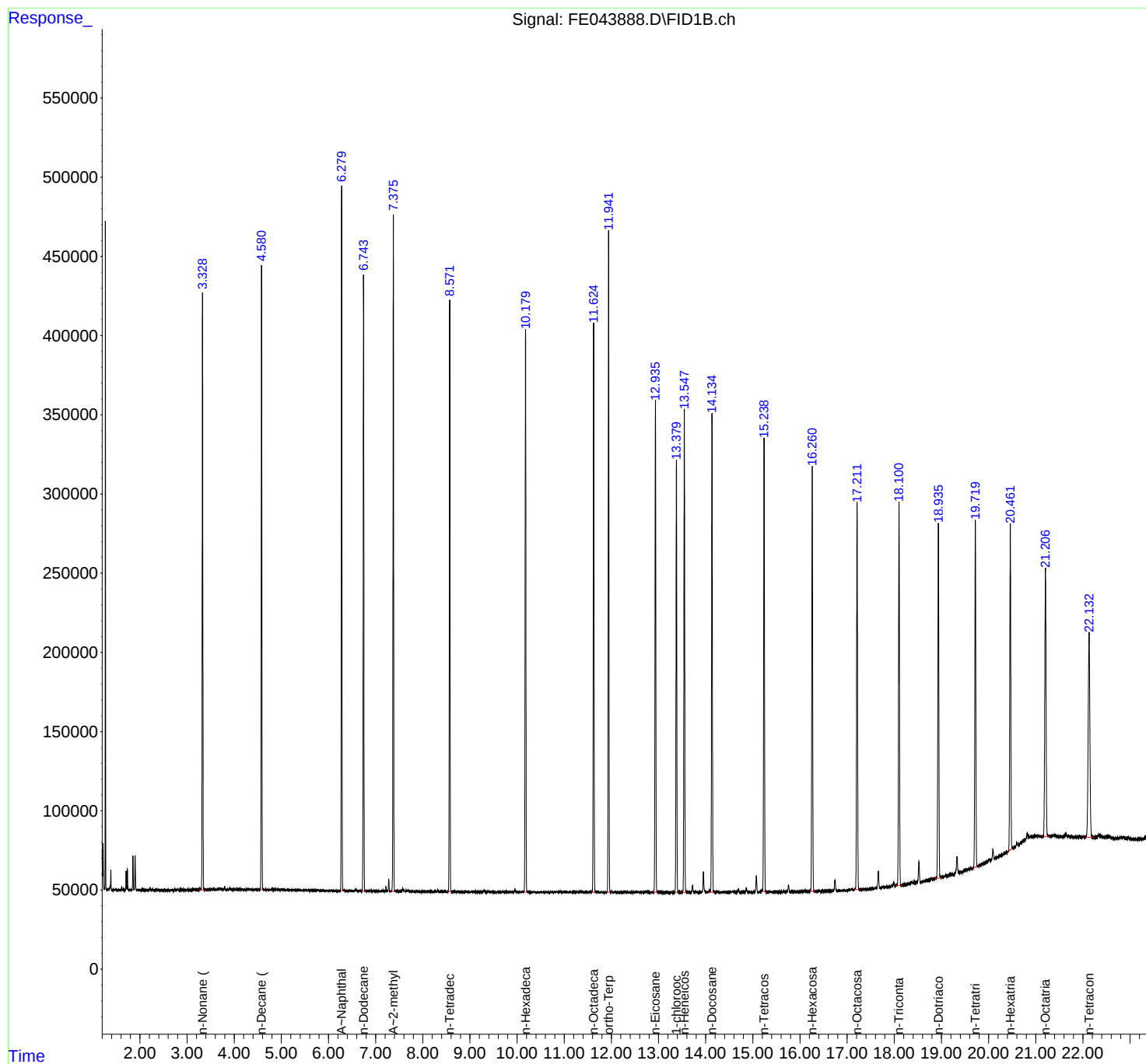
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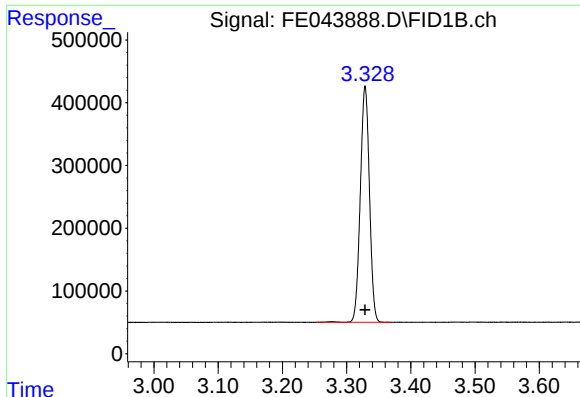
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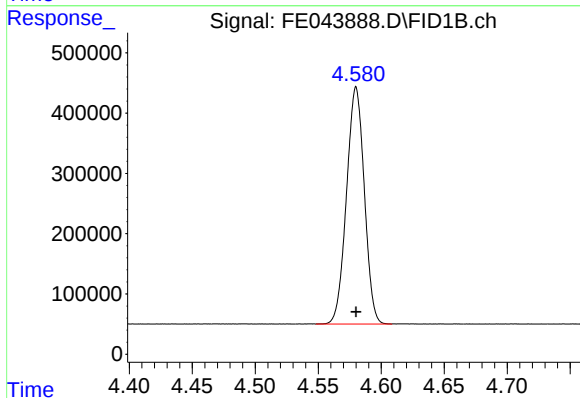




#1 n-Nonane (C9)

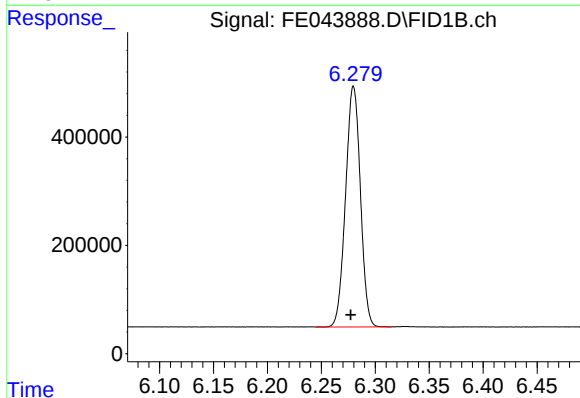
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3719726
Conc: 23.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



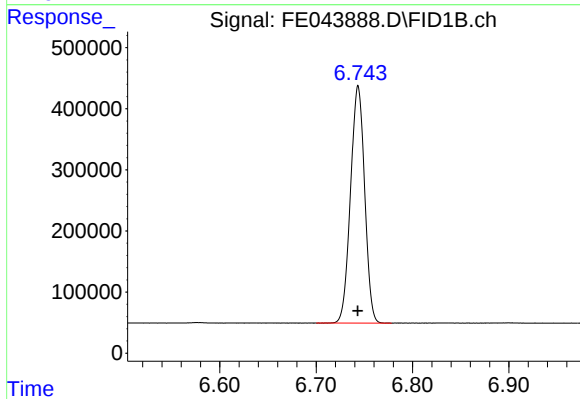
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3866391
Conc: 23.46 ug/ml



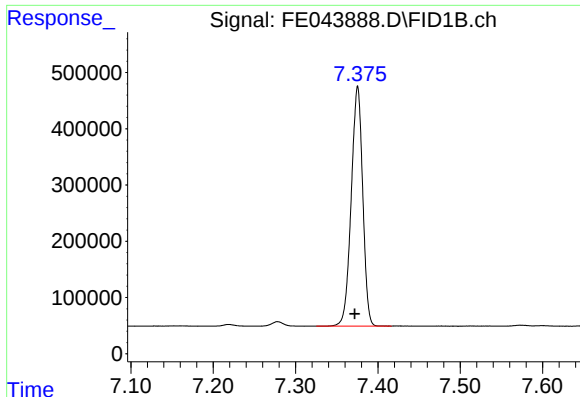
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 4247238
Conc: 23.33 ug/ml



#4 n-Dodecane (C12)

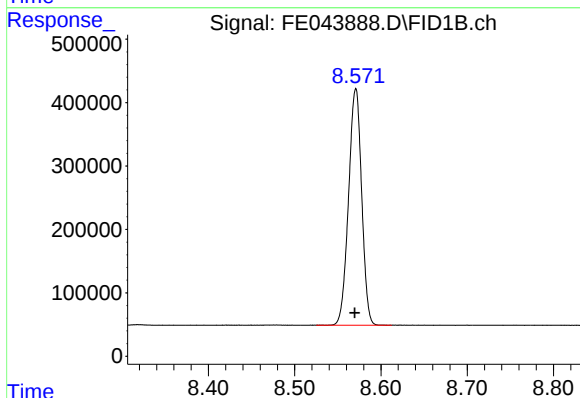
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3940957
Conc: 23.55 ug/ml



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

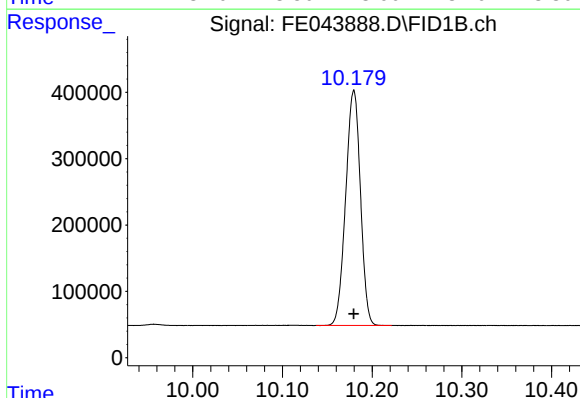
R.T.: 7.375 min
Delta R.T.: 0.003 min
Response: 4136130
Conc: 23.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



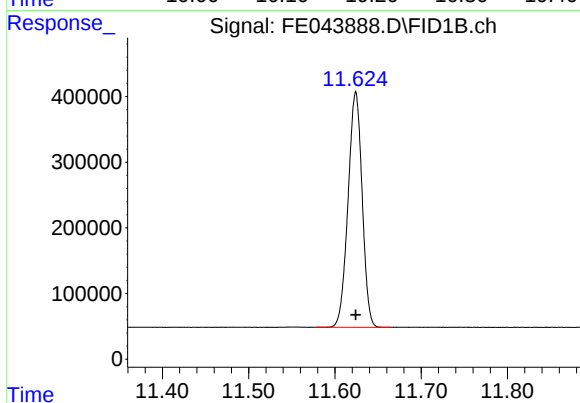
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 3937009
Conc: 23.37 ug/ml



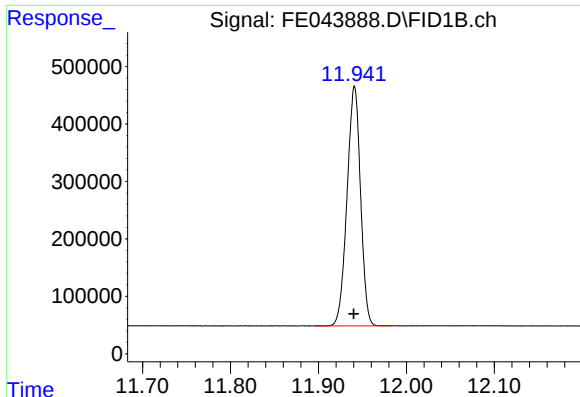
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 4053599
Conc: 22.98 ug/ml



#8 n-Octadecane (C18)

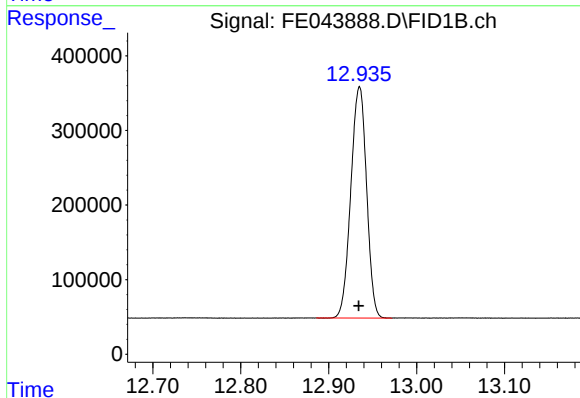
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 4064793
Conc: 22.44 ug/ml



#9 ortho-Terphenyl (SURR)

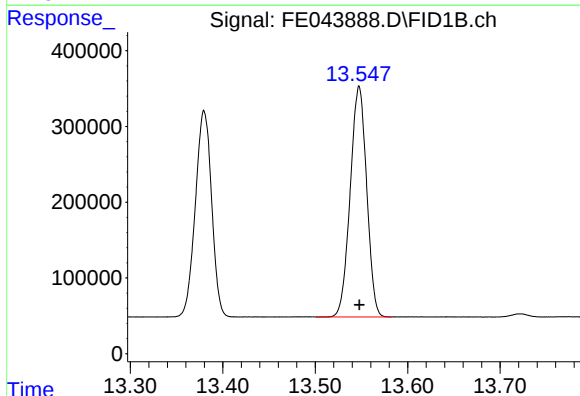
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 4453359
Conc: 21.61 ug/ml

Instrument :
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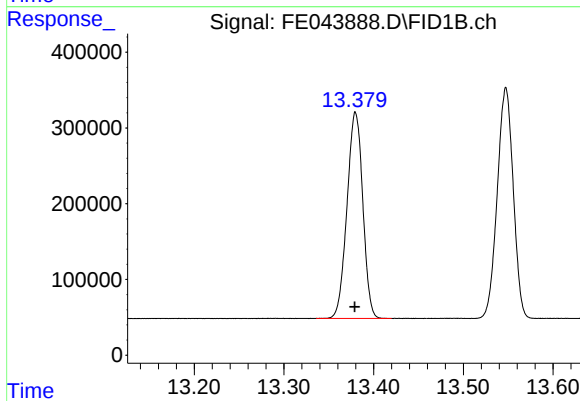
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3863343
Conc: 21.83 ug/ml



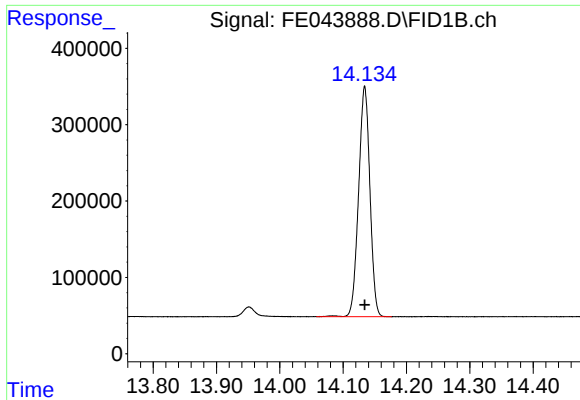
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3767957
Conc: 21.28 ug/ml



#12 1-chlorooctadecane (SURR)

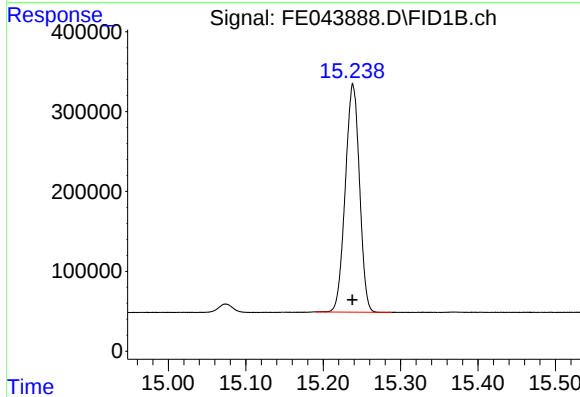
R.T.: 13.380 min
Delta R.T.: 0.000 min
Response: 3332364
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

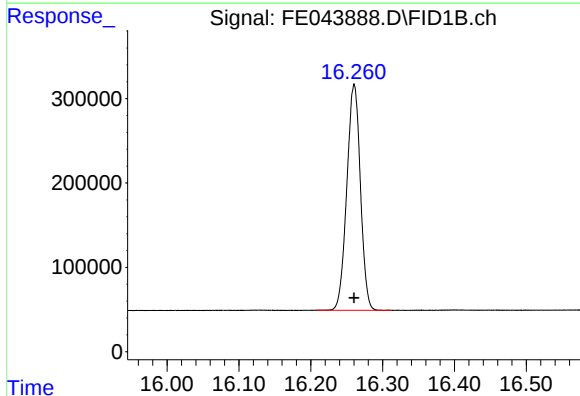
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3742270
Conc: 21.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



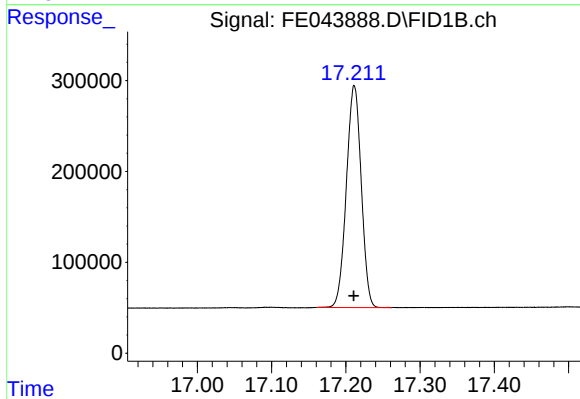
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3645192
Conc: 20.75 ug/ml



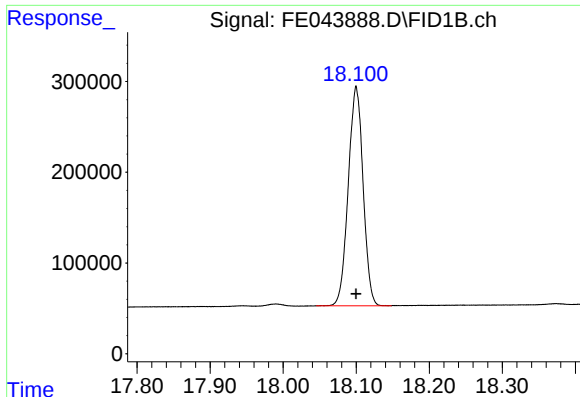
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3526635
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

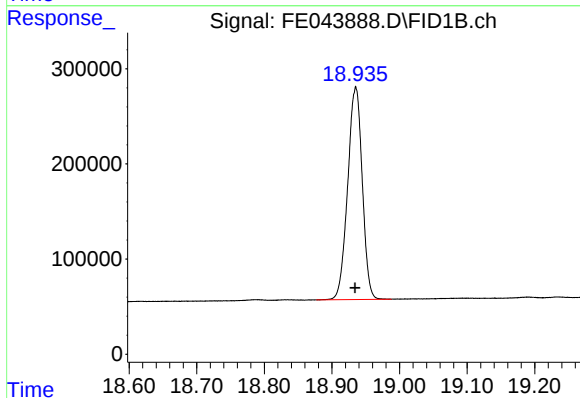
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3395434
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

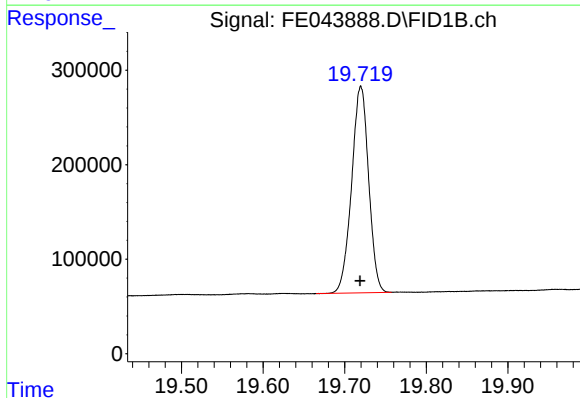
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3407969
Conc: 20.58 ug/ml

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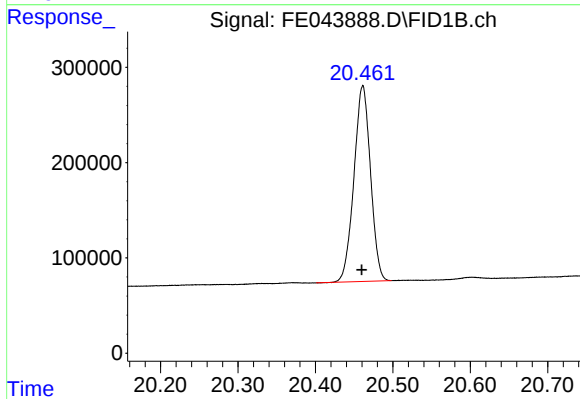
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.001 min
Response: 3342808
Conc: 21.17 ug/ml



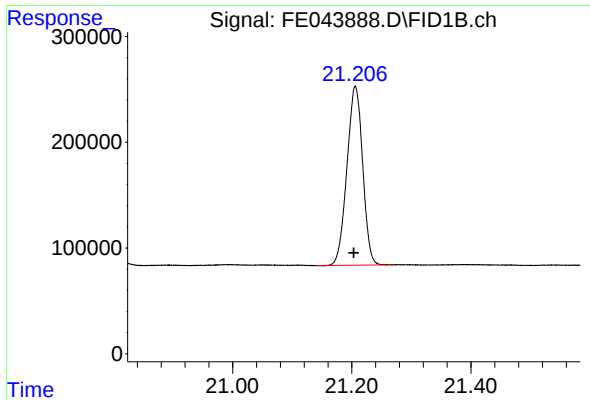
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.001 min
Response: 3165804
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

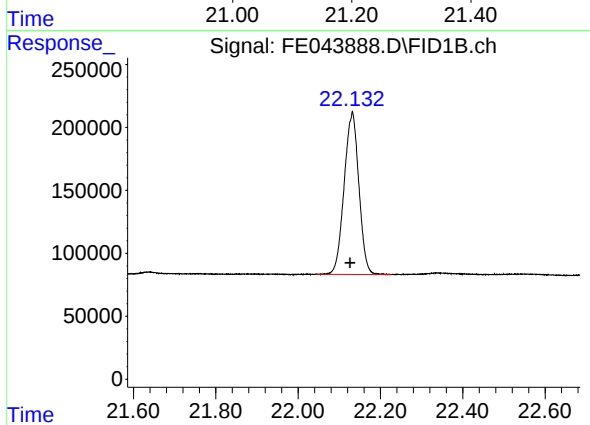
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 3049843
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: 0.002 min
Response: 3100932
Conc: 23.24 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: 0.005 min
Response: 3194294
Conc: 24.76 ug/ml