

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081123AL\
 Data File : FE043890.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2023 11:36
 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 12 01:20:32 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	4415987	21.429 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
12) S 1-chlorooctadecane (S...	13.379	3303863	21.172 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T n-Nonane (C9)	3.329	3700854	22.917 ug/ml
2) T n-Decane (C10)	4.580	3849763	23.358 ug/ml
3) T A~Naphthalene (C11.7)	6.279	4221232	23.185 ug/ml
4) T n-Dodecane (C12)	6.743	3922015	23.434 ug/ml
5) T A~2-methylnaphthalene...	7.375	4104547	23.056 ug/ml
6) T n-Tetradecane (C14)	8.570	3905993	23.183 ug/ml
7) T n-Hexadecane (C16)	10.179	4015722	22.765 ug/ml
8) T n-Octadecane (C18)	11.624	4024697	22.218 ug/ml
10) T n-Eicosane (C20)	12.935	3829391	21.639 ug/ml
11) T n-Heneicosane (C21)	13.547	3738972	21.117 ug/ml
13) T n-Docosane (C22)	14.134	3697993	21.083 ug/ml
14) T n-Tetracosane (C24)	15.238	3628153	20.650 ug/ml
15) T n-Hexacosane (C26)	16.261	3510597	20.312 ug/ml
16) T n-Octacosane (C28)	17.211	3388574	20.252 ug/ml
17) T n-Tricontane (C30)	18.101	3406315	20.566 ug/ml
18) T n-Dotriacontane (C32)	18.936	3323241	21.048 ug/ml
19) T n-Tetratriacontane (C34)	19.721	3162856	21.285 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3046924	21.798 ug/ml
21) T n-Octatriacontane (C38)	21.204	3085470	23.129 ug/ml
22) T n-Tetracontane (C40)	22.130	3166079	24.538 ug/ml

(f)=RT Delta > 1/2 Window

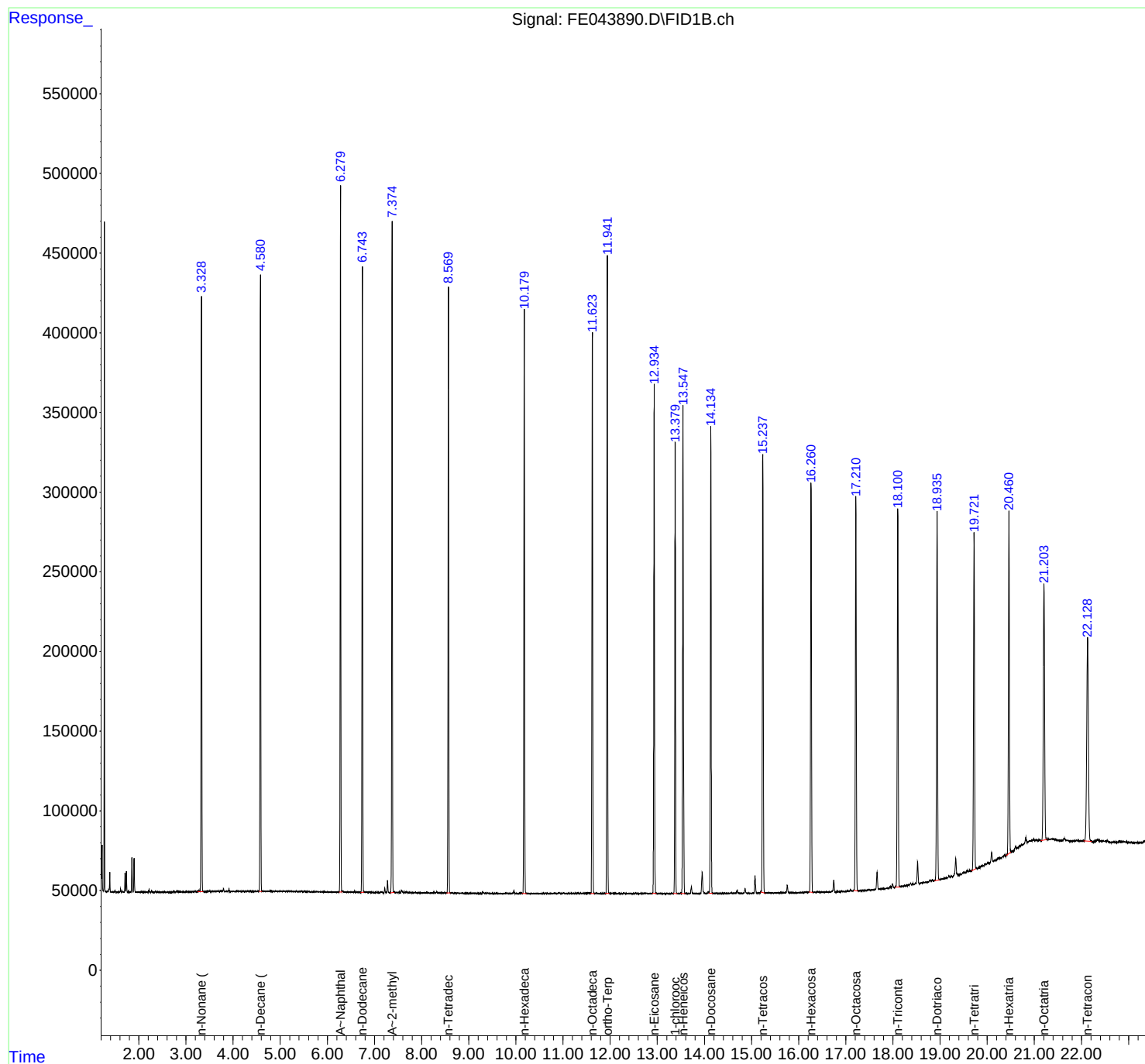
(m)=manual int.

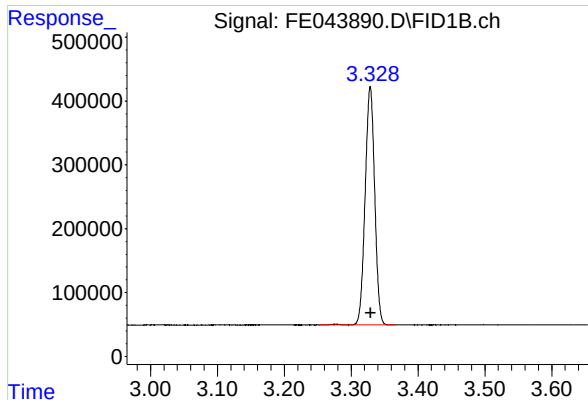
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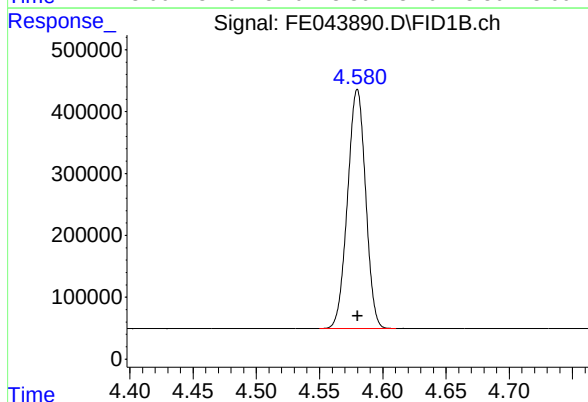




#1 n-Nonane (C9)

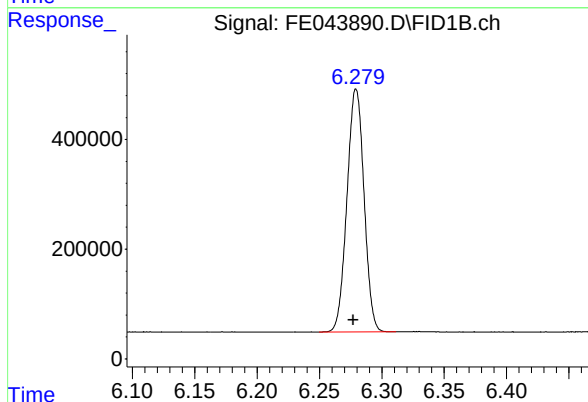
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3700854
Conc: 22.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



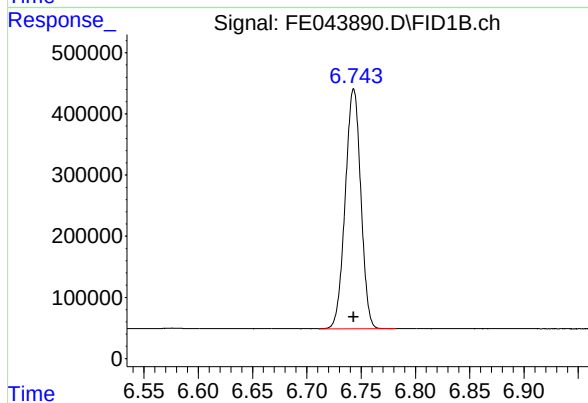
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3849763
Conc: 23.36 ug/ml



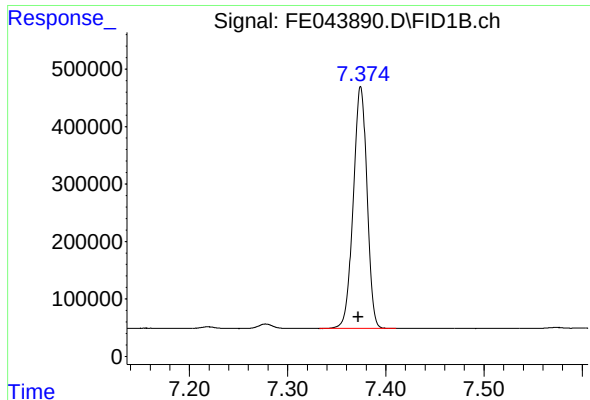
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 4221232
Conc: 23.18 ug/ml



#4 n-Dodecane (C12)

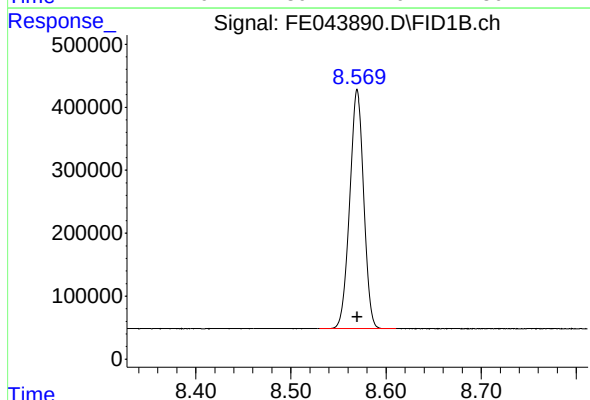
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3922015
Conc: 23.43 ug/ml



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

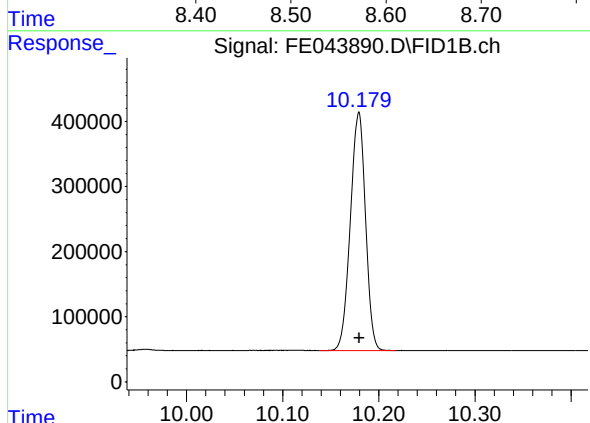
R.T.: 7.375 min
Delta R.T.: 0.002 min
Response: 4104547
Conc: 23.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



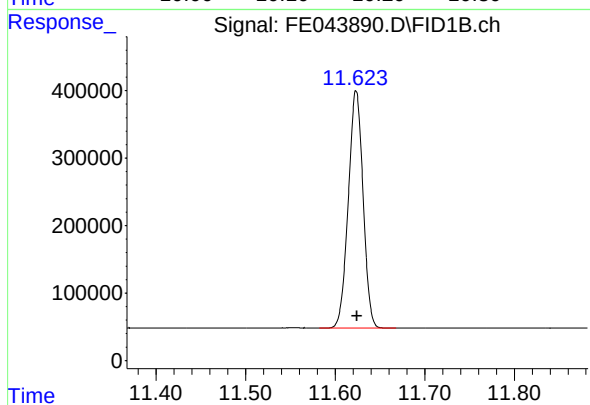
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3905993
Conc: 23.18 ug/ml



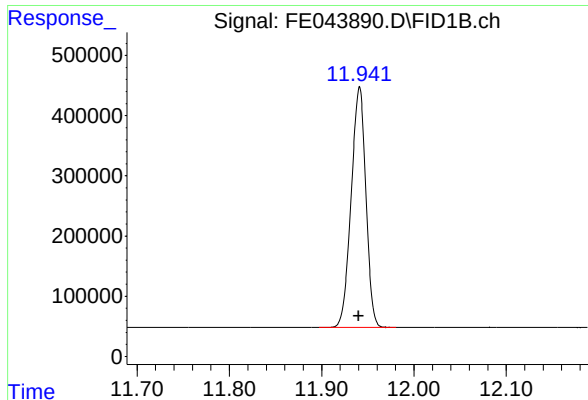
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 4015722
Conc: 22.76 ug/ml



#8 n-Octadecane (C18)

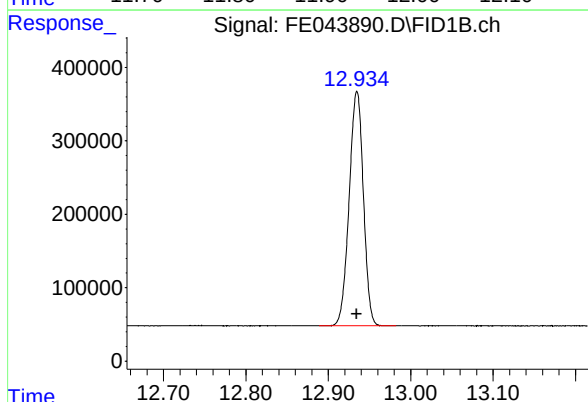
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 4024697
Conc: 22.22 ug/ml



#9 ortho-Terphenyl (SURR)

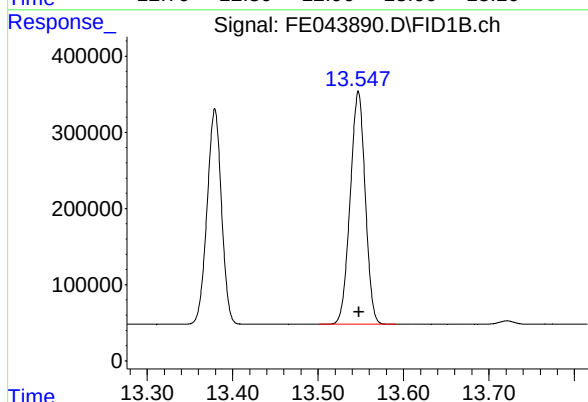
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 4415987
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



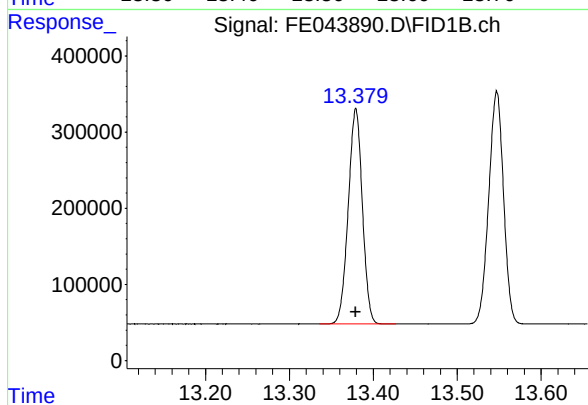
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3829391
Conc: 21.64 ug/ml



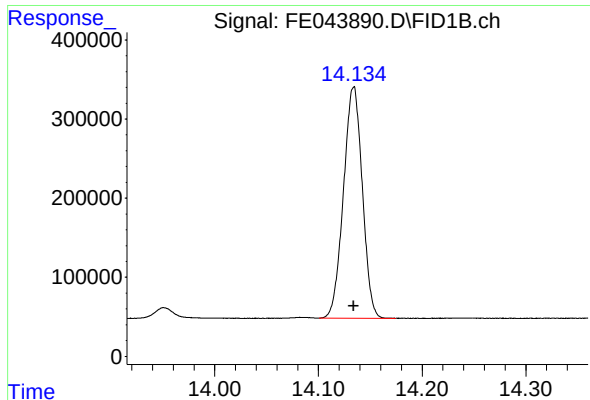
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: 0.000 min
Response: 3738972
Conc: 21.12 ug/ml



#12 1-chlorooctadecane (SURR)

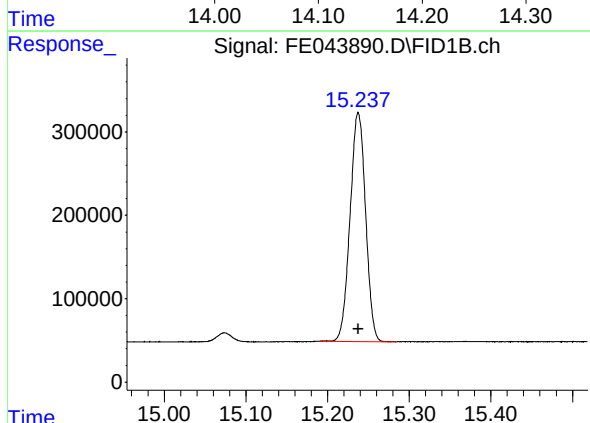
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3303863
Conc: 21.17 ug/ml



#13 n-Docosane (C22)

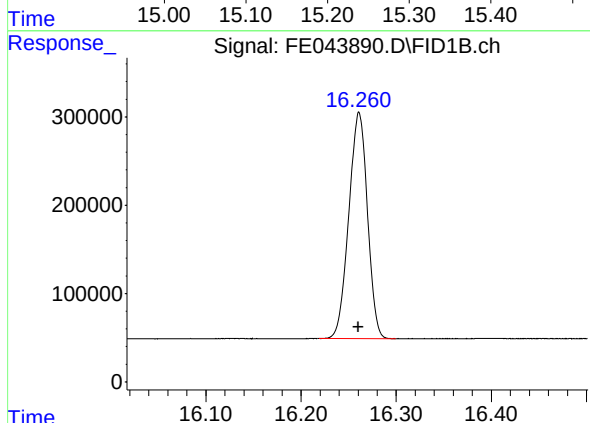
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3697993
Conc: 21.08 ug/ml

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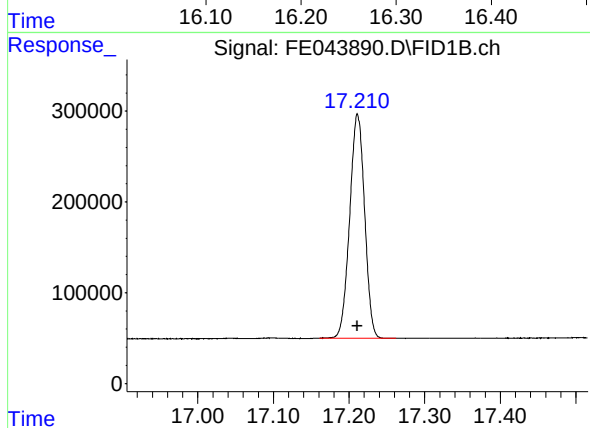
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3628153
Conc: 20.65 ug/ml



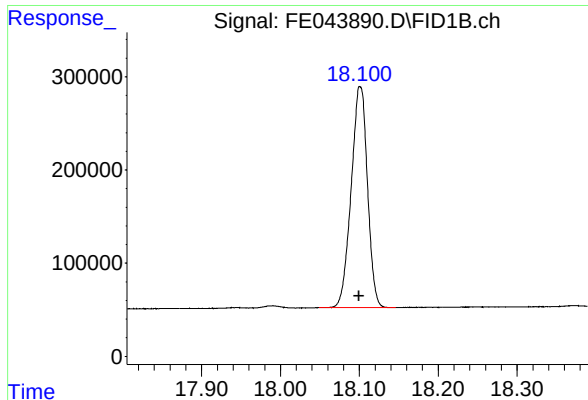
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3510597
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

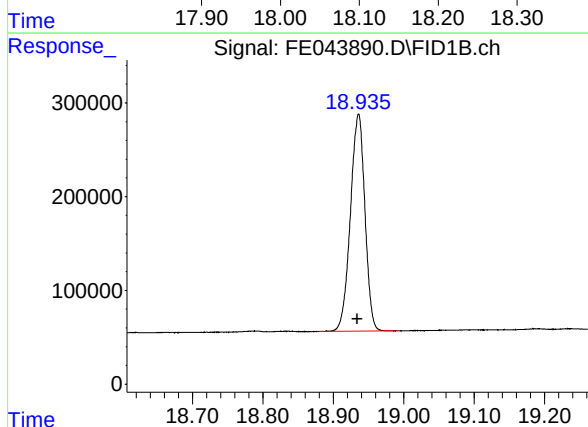
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3388574
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

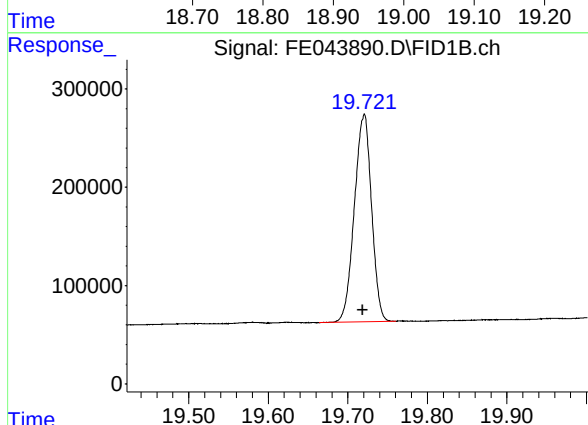
R.T.: 18.101 min
Delta R.T.: 0.001 min
Response: 3406315
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



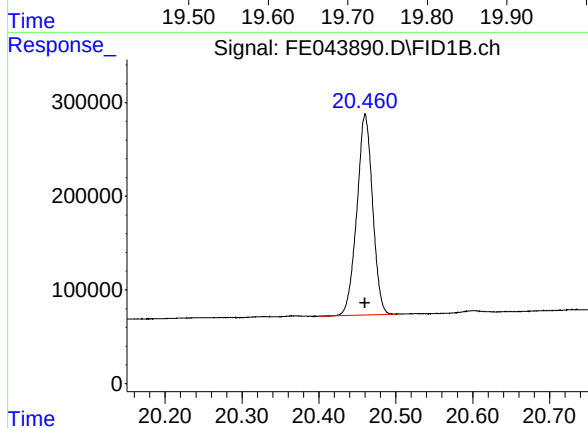
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 3323241
Conc: 21.05 ug/ml



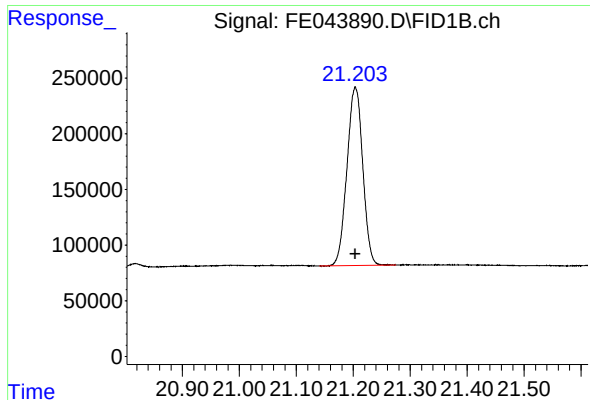
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.002 min
Response: 3162856
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

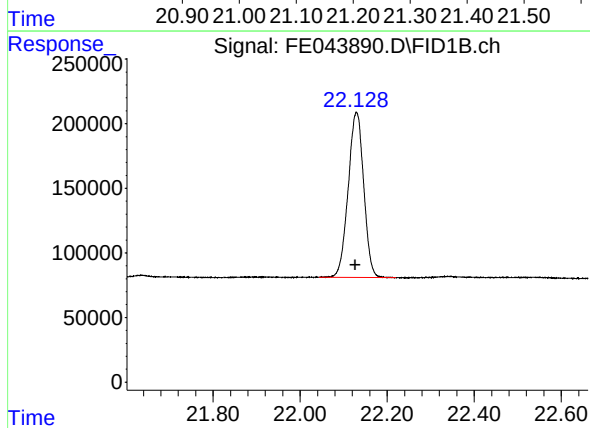
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 3046924
Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 3085470
Conc: 23.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.003 min
Response: 3166079
Conc: 24.54 ug/ml