

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040588.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 09:01
 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: Mar 01 02:54:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.879	3996580	21.394 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
12) S 1-chlorooctadecane (S...	13.318	3157730	21.335 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T n-Nonane (C9)	3.277	3293664	21.405 ug/ml
2) T n-Decane (C10)	4.523	3220214	21.404 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3622032	21.837 ug/ml
4) T n-Dodecane (C12)	6.687	3287495	21.475 ug/ml
5) T A~2-methylnaphthalene...	7.321	3344806	22.101 ug/ml
6) T n-Tetradecane (C14)	8.514	3335352	21.580 ug/ml
7) T n-Hexadecane (C16)	10.121	3473675	21.506 ug/ml
8) T n-Octadecane (C18)	11.564	3641994	21.449 ug/ml
10) T n-Eicosane (C20)	12.873	3614194	21.364 ug/ml
11) T n-Heneicosane (C21)	13.485	3663238	21.377 ug/ml
13) T n-Docosane (C22)	14.072	3663623	21.386 ug/ml
14) T n-Tetracosane (C24)	15.176	3705294	21.493 ug/ml
15) T n-Hexacosane (C26)	16.197	3658616	21.526 ug/ml
16) T n-Octacosane (C28)	17.149	3633450	21.666 ug/ml
17) T n-Tricontane (C30)	18.036	3558894	21.796 ug/ml
18) T n-Dotriacontane (C32)	18.871	3544539	20.710 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3351215	21.676 ug/ml
20) T n-Hexatriacontane (C36)	20.395	3080938	21.207 ug/ml
21) T n-Octatriacontane (C38)	21.124	2960107	21.535 ug/ml
22) T n-Tetracontane (C40)	22.018	3032939	19.628 ug/ml

(f)=RT Delta > 1/2 Window

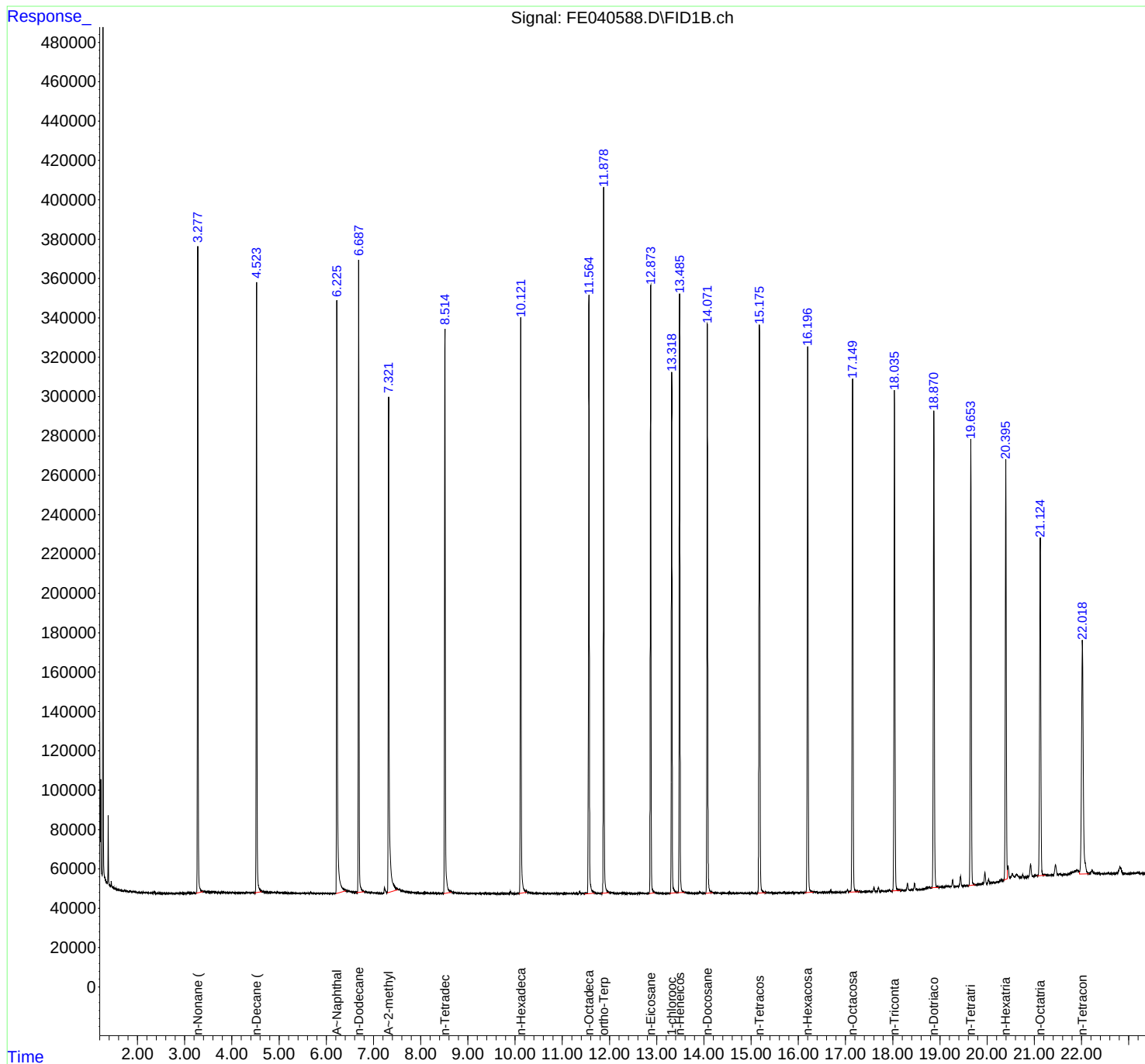
(m)=manual int.

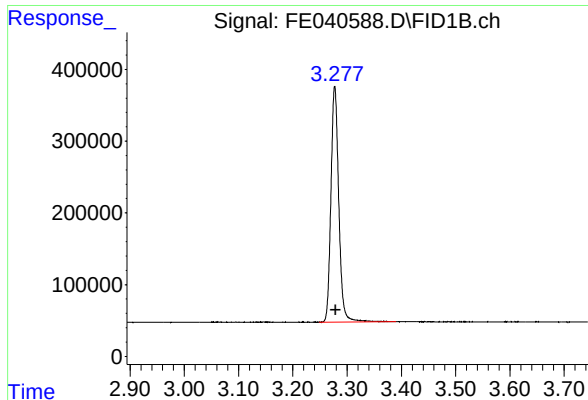
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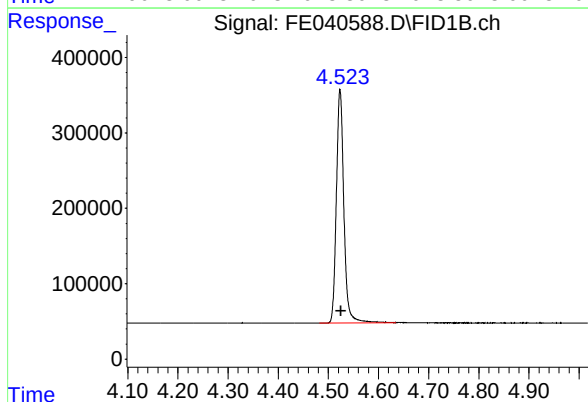




#1 n-Nonane (C9)

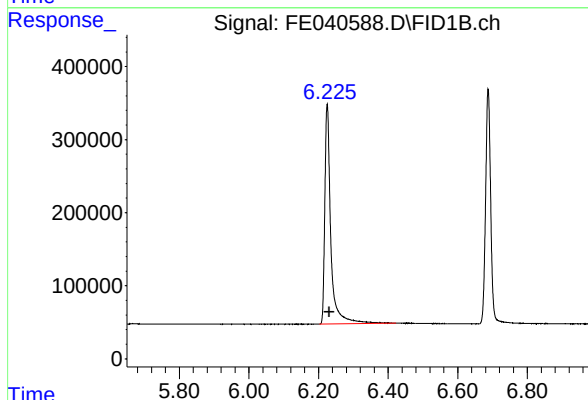
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 3293664
Conc: 21.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



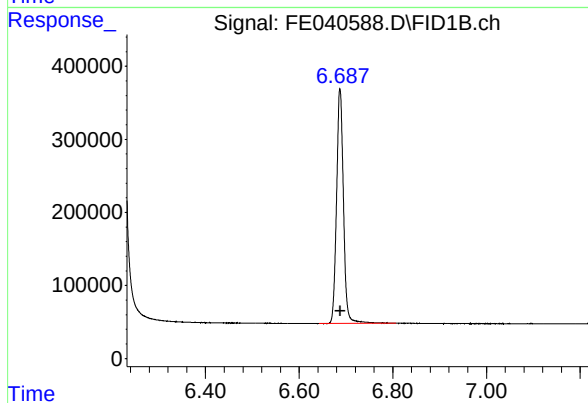
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 3220214
Conc: 21.40 ug/ml



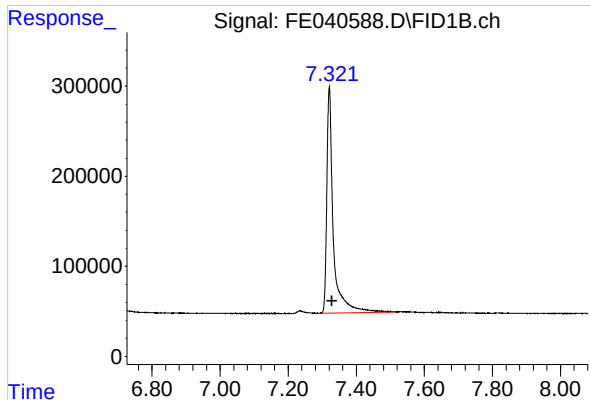
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.006 min
Response: 3622032
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

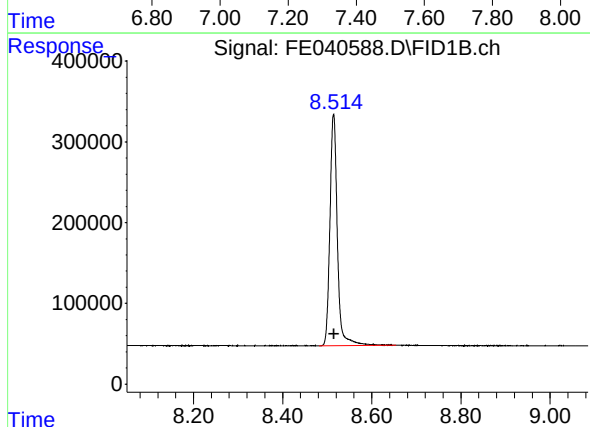
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 3287495
Conc: 21.47 ug/ml



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

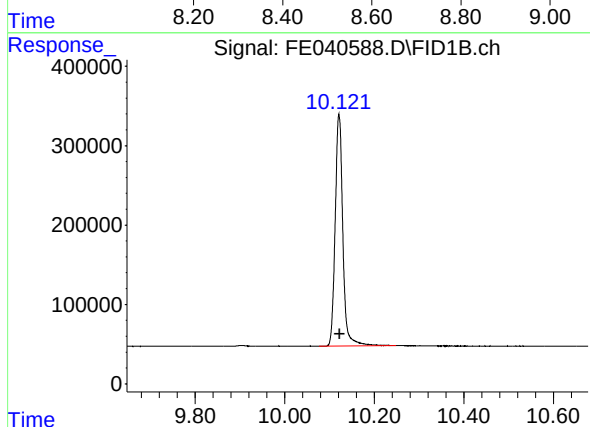
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 3344806
Conc: 22.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



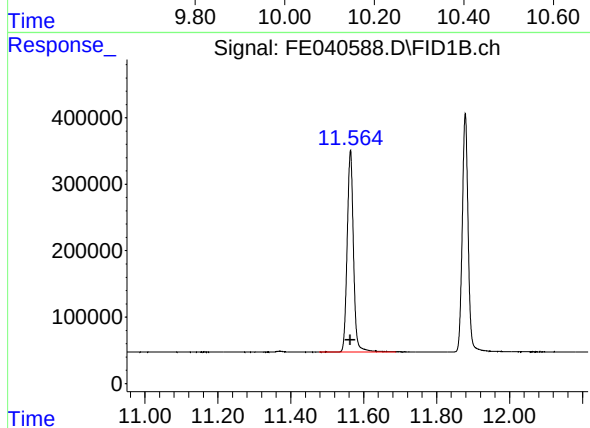
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 3335352
Conc: 21.58 ug/ml



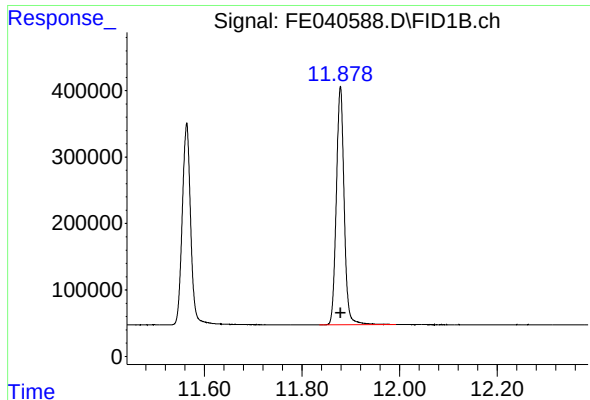
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.001 min
Response: 3473675
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

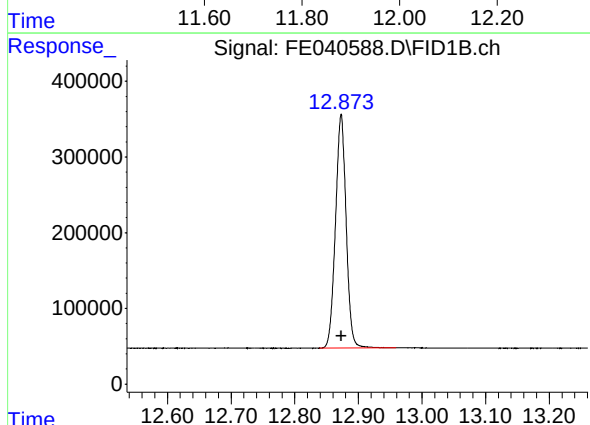
R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 3641994
Conc: 21.45 ug/ml



#9 ortho-Terphenyl (SURR)

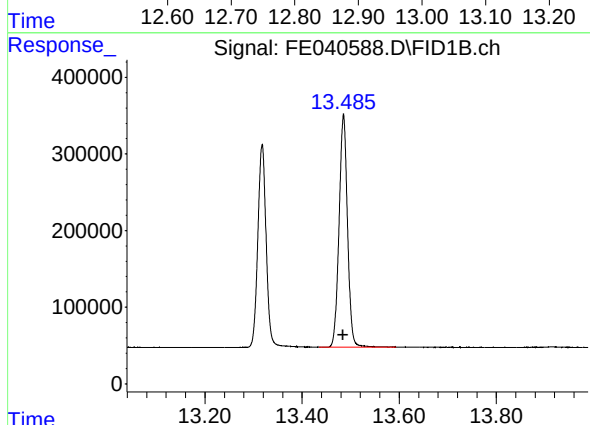
R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 3996580
Conc: 21.39 ug/ml

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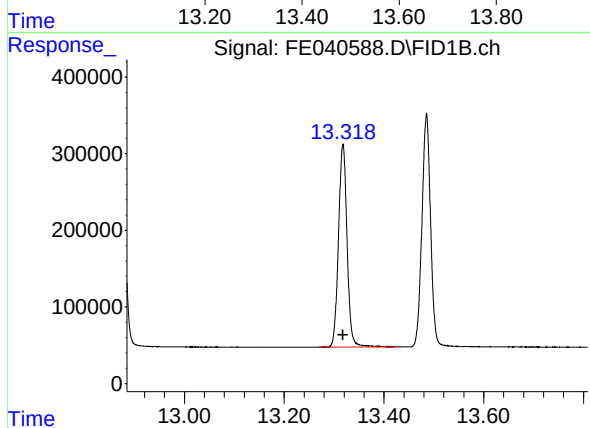
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 3614194
Conc: 21.36 ug/ml



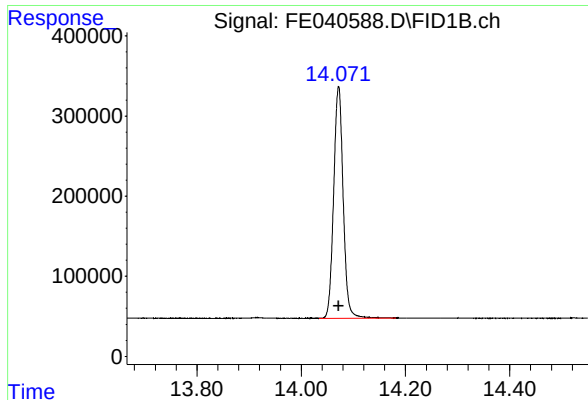
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.001 min
Response: 3663238
Conc: 21.38 ug/ml



#12 1-chlorooctadecane (SURR)

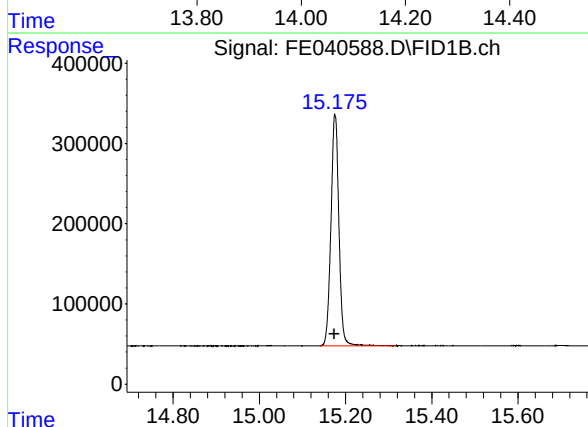
R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 3157730
Conc: 21.34 ug/ml



#13 n-Docosane (C22)

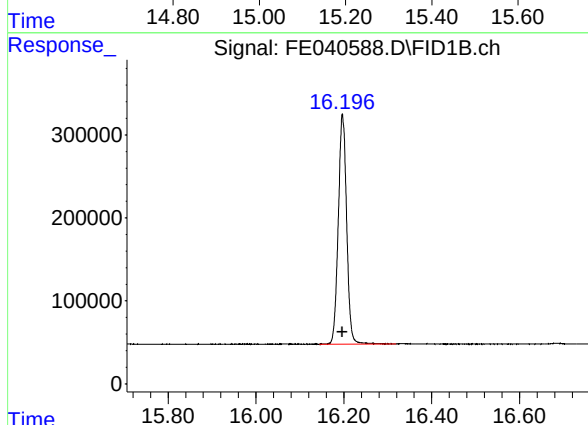
R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 3663623
Conc: 21.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



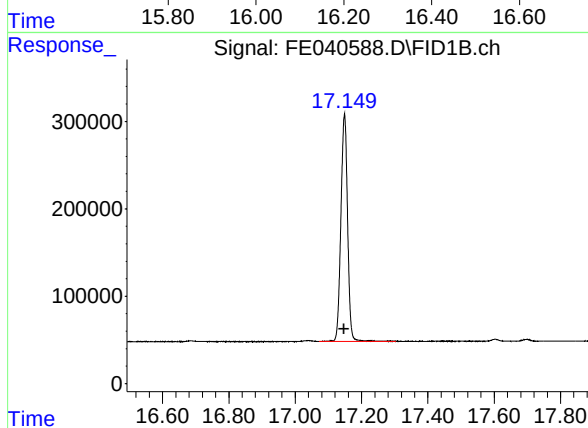
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.001 min
Response: 3705294
Conc: 21.49 ug/ml



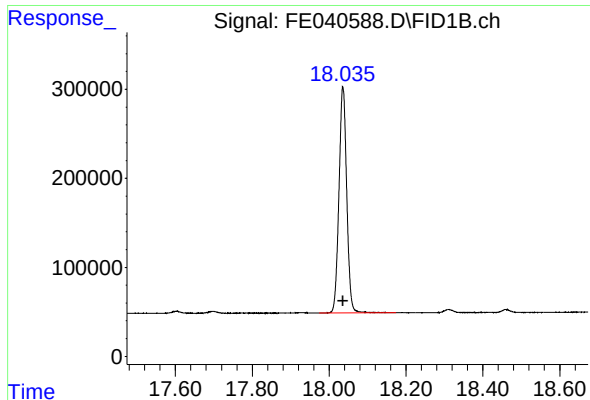
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 3658616
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

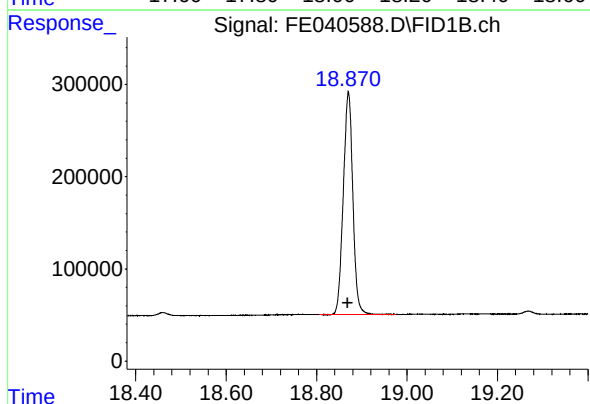
R.T.: 17.149 min
Delta R.T.: 0.001 min
Response: 3633450
Conc: 21.67 ug/ml



#17 n-Tricontane (C30)

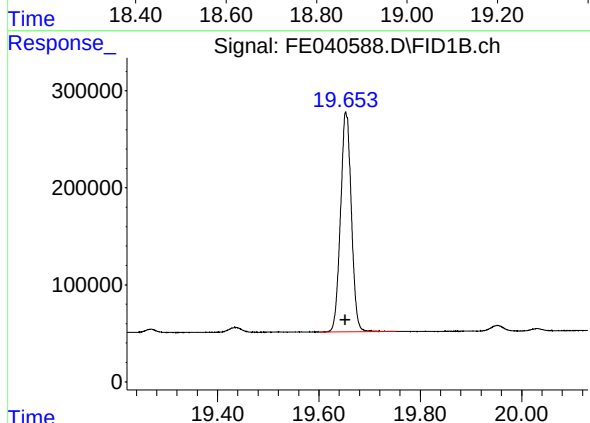
R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 3558894
Conc: 21.80 ug/ml

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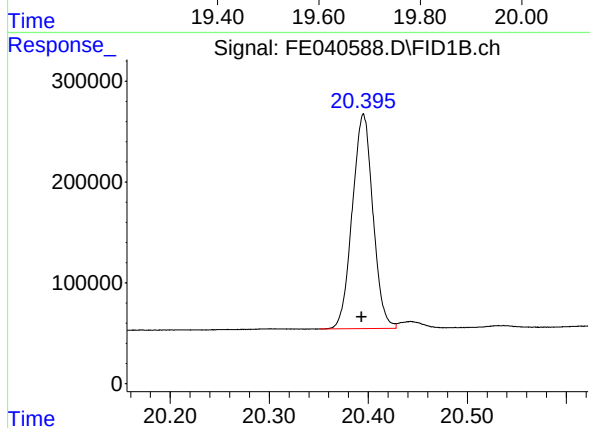
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.002 min
Response: 3544539
Conc: 20.71 ug/ml



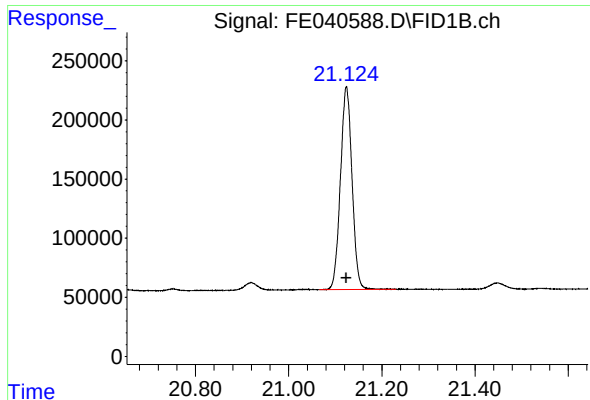
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.001 min
Response: 3351215
Conc: 21.68 ug/ml



#20 n-Hexatriacontane (C36)

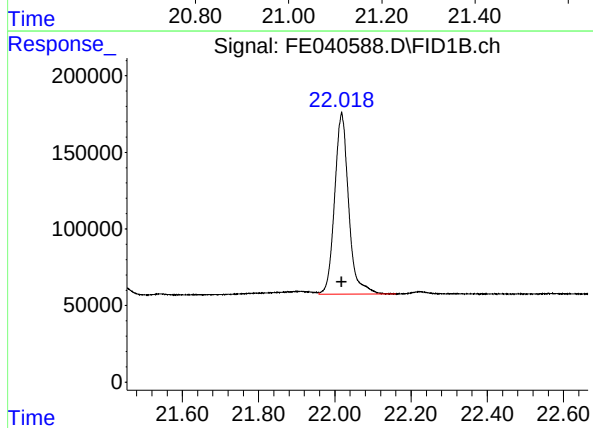
R.T.: 20.395 min
Delta R.T.: 0.002 min
Response: 3080938
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.000 min
Response: 2960107
Conc: 21.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 3032939
Conc: 19.63 ug/ml