

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091123AL\
 Data File : FE044184.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2023 14:11
 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: Sep 11 14:40:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.929	4059294	21.427 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
12) S 1-chlorooctadecane (S...	13.368	3017704	21.844 ug/ml
Spiked Amount 50.000		Recovery =	43.69%
Target Compounds			
1) T n-Nonane (C9)	3.319	3402777	20.859 ug/ml
2) T n-Decane (C10)	4.571	3434159	20.661 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3708386	20.709 ug/ml
4) T n-Dodecane (C12)	6.734	3482623	20.708 ug/ml
5) T A~2-methylnaphthalene...	7.365	3602921	21.016 ug/ml
6) T n-Tetradecane (C14)	8.561	3461750	20.642 ug/ml
7) T n-Hexadecane (C16)	10.169	3515492	20.340 ug/ml
8) T n-Octadecane (C18)	11.613	3530071	20.280 ug/ml
10) T n-Eicosane (C20)	12.923	3402767	20.572 ug/ml
11) T n-Heneicosane (C21)	13.535	3340387	20.651 ug/ml
13) T n-Docosane (C22)	14.122	3295363	20.627 ug/ml
14) T n-Tetracosane (C24)	15.225	3201965	20.476 ug/ml
15) T n-Hexacosane (C26)	16.247	3084173	20.458 ug/ml
16) T n-Octacosane (C28)	17.198	2952612	20.460 ug/ml
17) T n-Tricontane (C30)	18.085	2934083	20.196 ug/ml
18) T n-Dotriacontane (C32)	18.919	2882313	20.234 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2820076	20.152 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2830716	20.648 ug/ml
21) T n-Octatriacontane (C38)	21.187	2852802	20.551 ug/ml
22) T n-Tetracontane (C40)	22.107	2911156	21.055 ug/ml

(f)=RT Delta > 1/2 Window

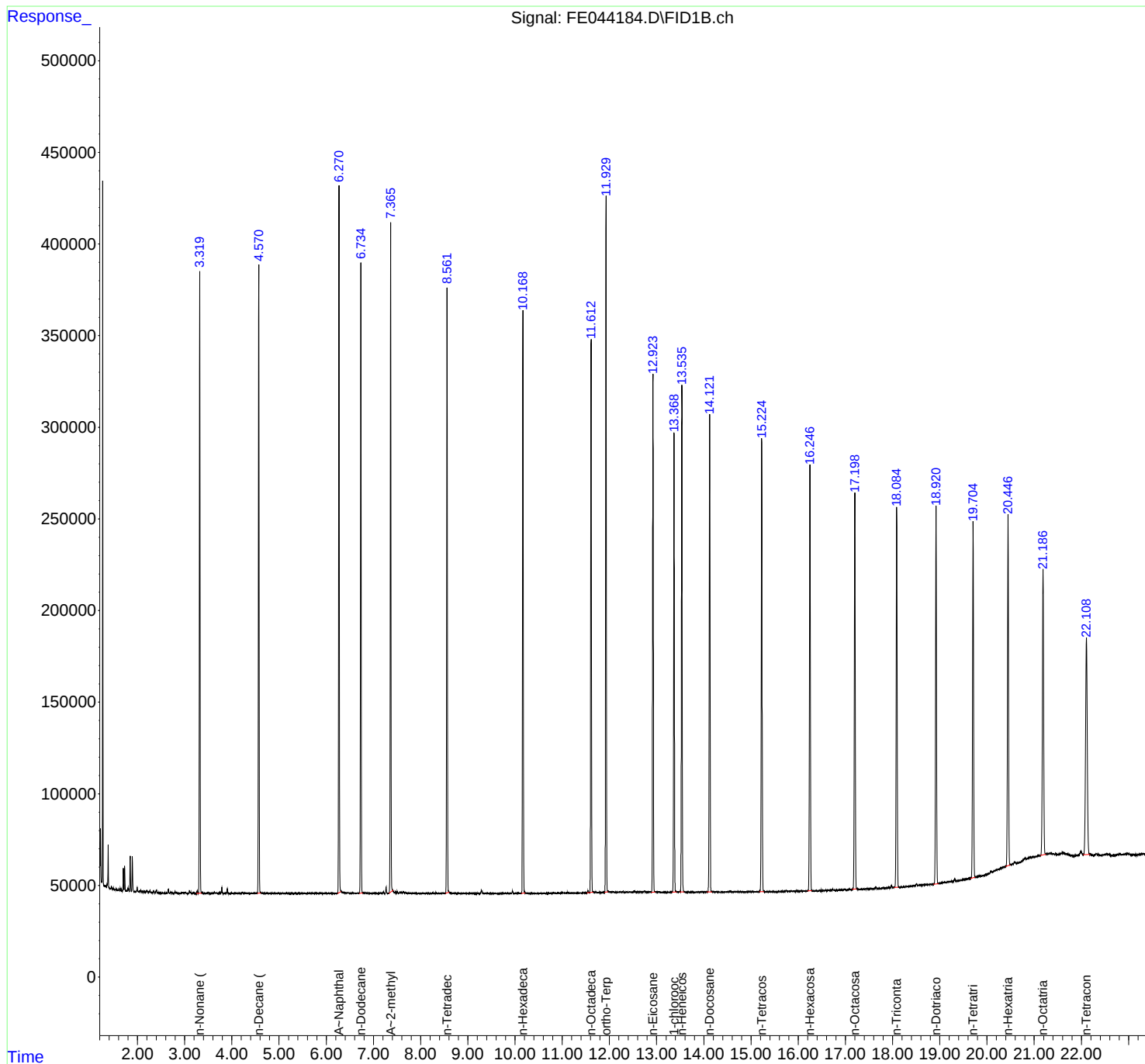
(m)=manual int.

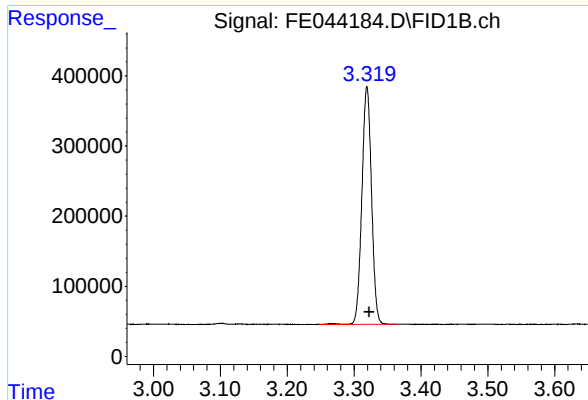
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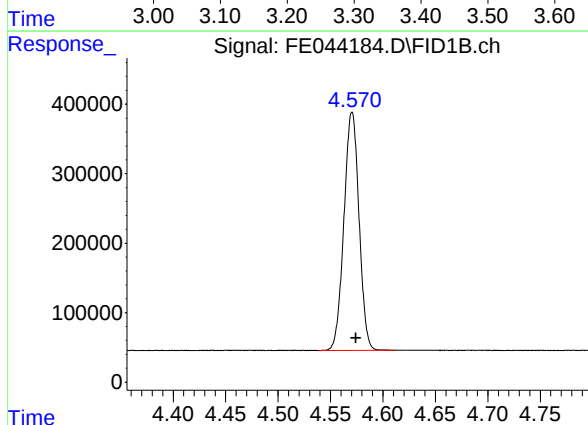




#1 n-Nonane (C9)

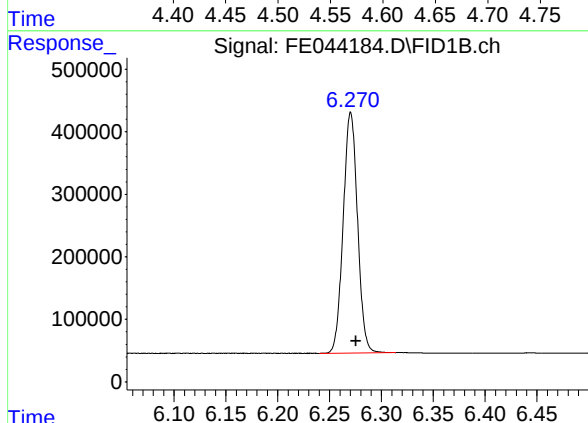
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 3402777
Conc: 20.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



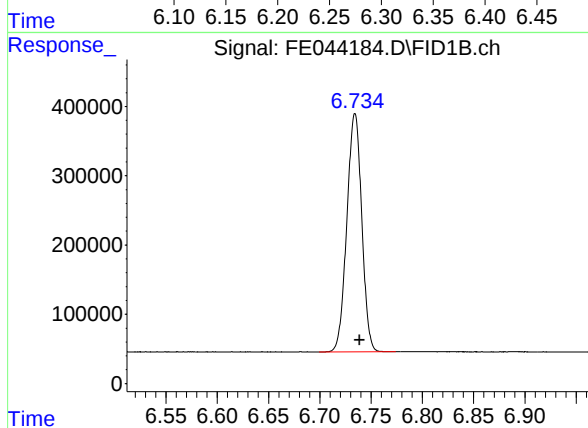
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 3434159
Conc: 20.66 ug/ml



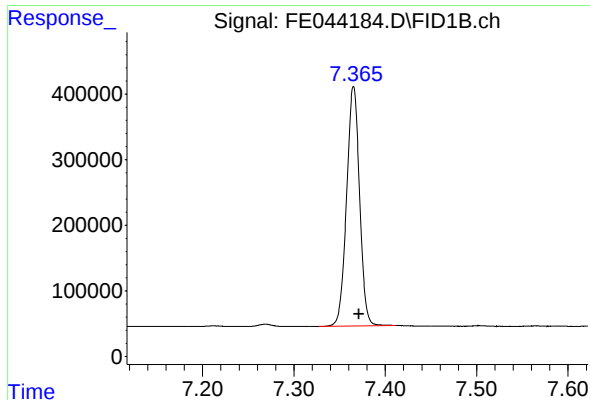
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.005 min
Response: 3708386
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

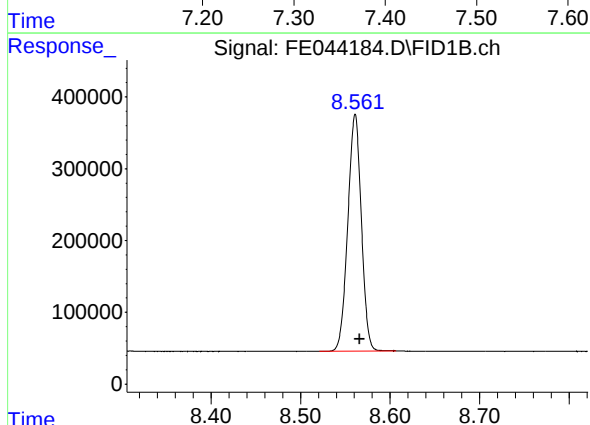
R.T.: 6.734 min
Delta R.T.: -0.004 min
Response: 3482623
Conc: 20.71 ug/ml



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

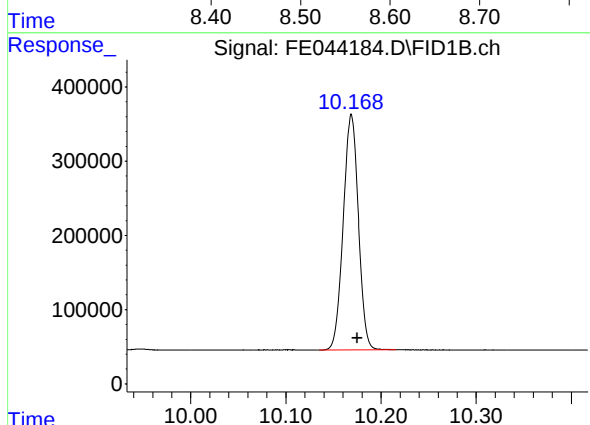
R.T.: 7.365 min
Delta R.T.: -0.006 min
Response: 3602921
Conc: 21.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



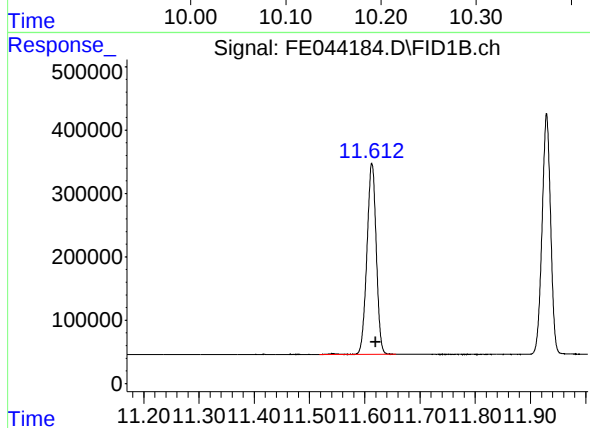
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 3461750
Conc: 20.64 ug/ml



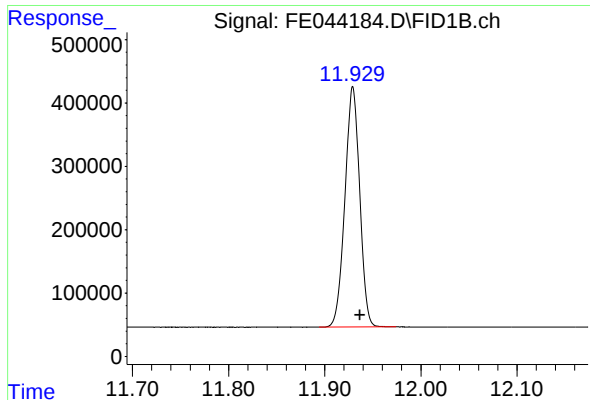
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.006 min
Response: 3515492
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

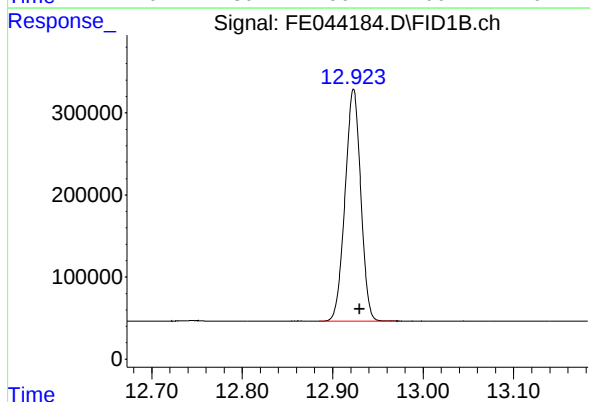
R.T.: 11.613 min
Delta R.T.: -0.007 min
Response: 3530071
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

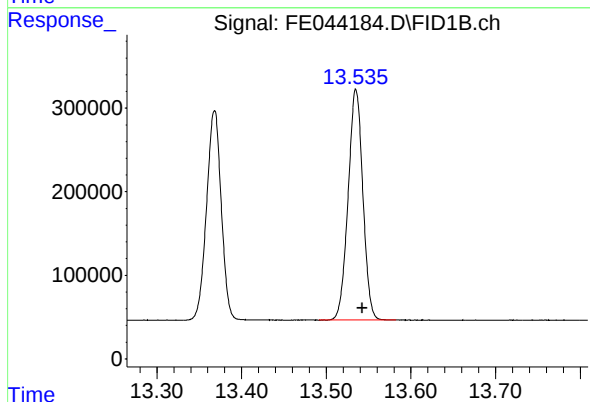
R.T.: 11.929 min
Delta R.T.: -0.007 min
Response: 4059294
Conc: 21.43 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



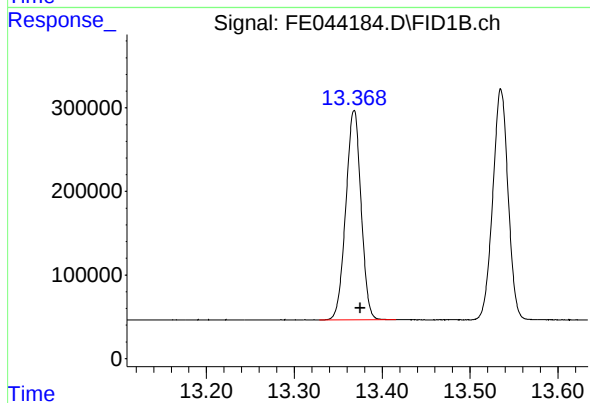
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.007 min
Response: 3402767
Conc: 20.57 ug/ml



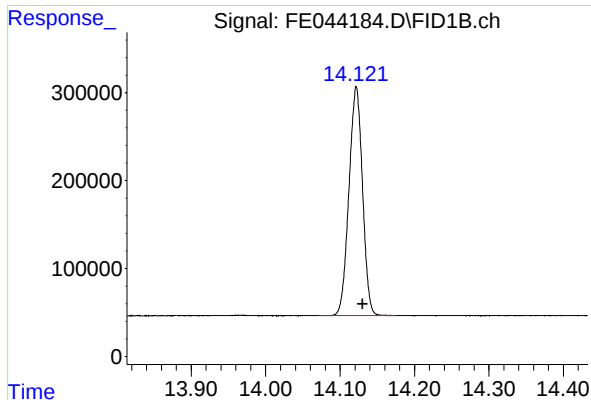
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.008 min
Response: 3340387
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

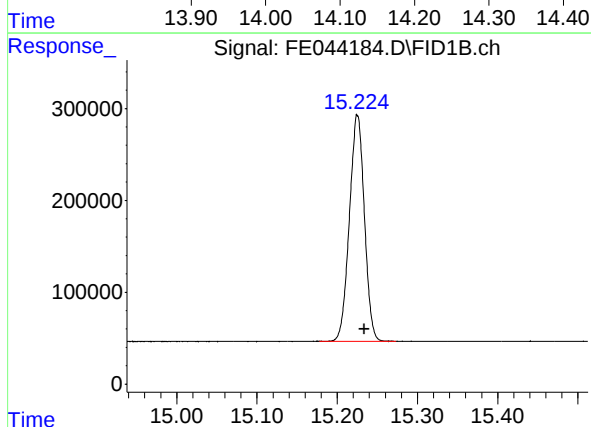
R.T.: 13.368 min
Delta R.T.: -0.007 min
Response: 3017704
Conc: 21.84 ug/ml



#13 n-Docosane (C22)

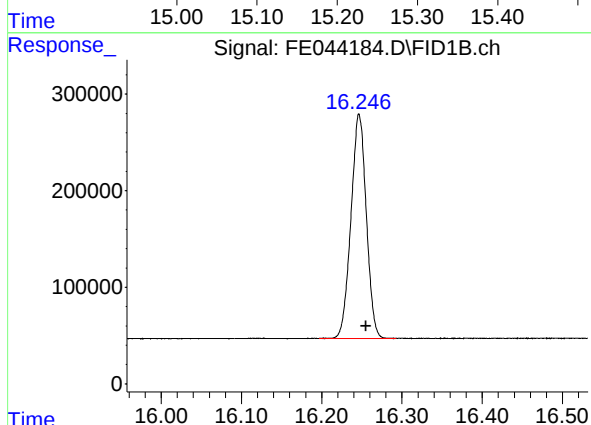
R.T.: 14.122 min
Delta R.T.: -0.008 min
Response: 3295363
Conc: 20.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



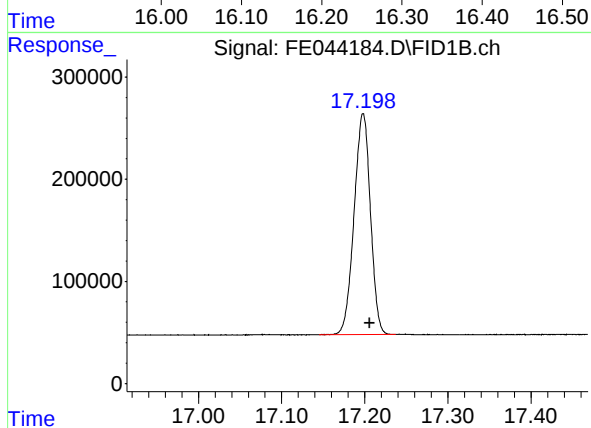
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.009 min
Response: 3201965
Conc: 20.48 ug/ml



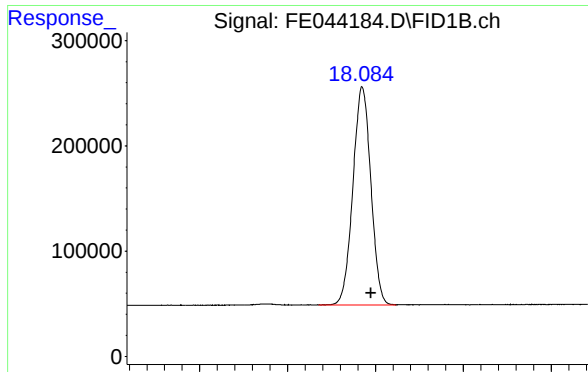
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.009 min
Response: 3084173
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

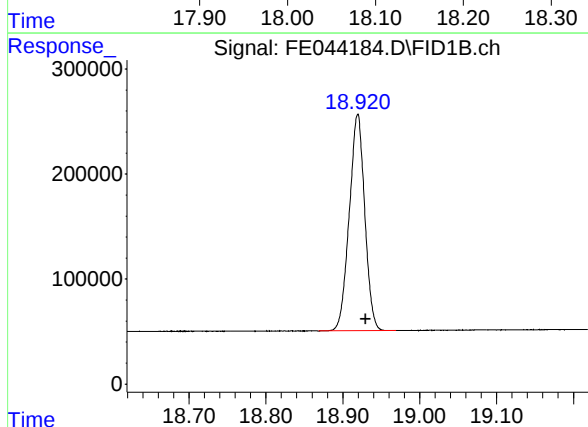
R.T.: 17.198 min
Delta R.T.: -0.008 min
Response: 2952612
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

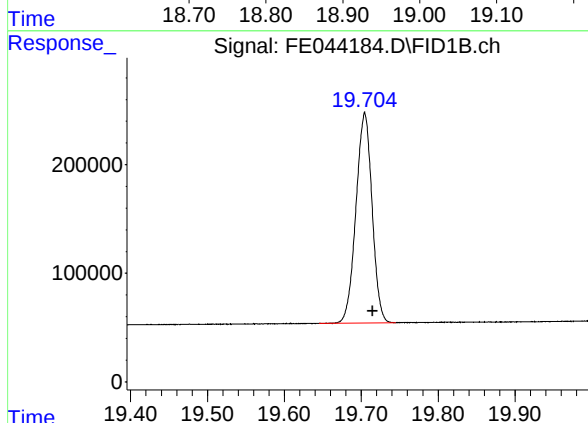
R.T.: 18.085 min
Delta R.T.: -0.010 min
Response: 2934083
Conc: 20.20 ug/ml

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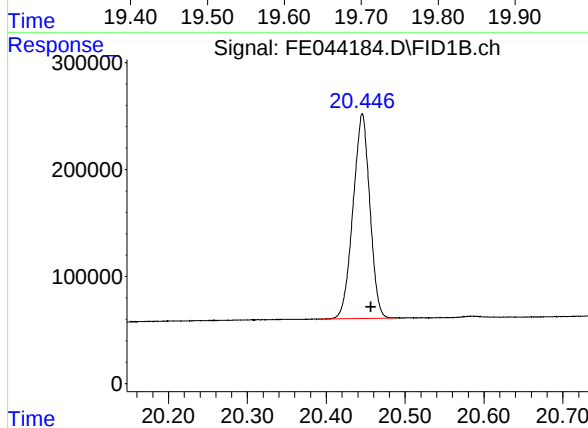
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.010 min
Response: 2882313
Conc: 20.23 ug/ml



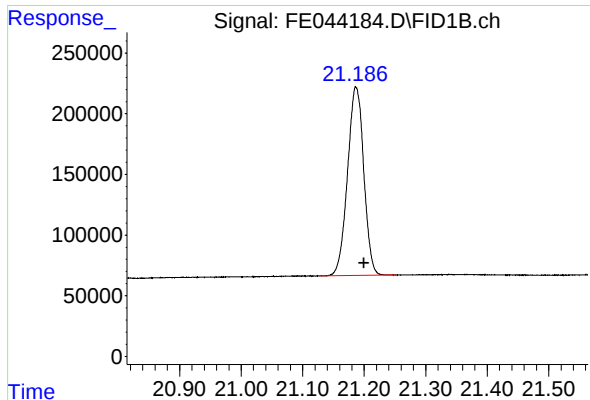
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.010 min
Response: 2820076
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

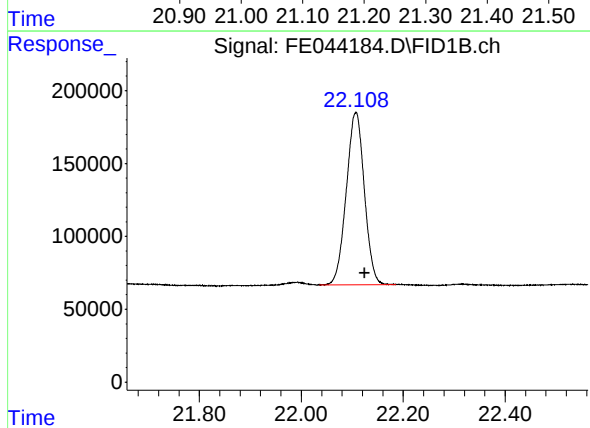
R.T.: 20.446 min
Delta R.T.: -0.011 min
Response: 2830716
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.013 min
Response: 2852802
Conc: 20.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.016 min
Response: 2911156
Conc: 21.06 ug/ml