

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091423AL\
 Data File : FE044269.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2023 07:10
 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 14 11:34:11 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)	11.930	3850737	20.326 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.367	2887182	20.899 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.317	3212072	19.690 ug/ml
2) T n-Decane (C10)	4.568	3261206	19.621 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3553427	19.844 ug/ml
4) T n-Dodecane (C12)	6.732	3300820	19.627 ug/ml
5) T A~2-methylnaphthalene...	7.364	3470133	20.242 ug/ml
6) T n-Tetradecane (C14)	8.559	3283166	19.577 ug/ml
7) T n-Hexadecane (C16)	10.167	3339684	19.323 ug/ml
8) T n-Octadecane (C18)	11.612	3340186	19.189 ug/ml
10) T n-Eicosane (C20)	12.922	3219728	19.465 ug/ml
11) T n-Heneicosane (C21)	13.535	3158694	19.528 ug/ml
13) T n-Docosane (C22)	14.122	3105810	19.440 ug/ml
14) T n-Tetracosane (C24)	15.225	3020162	19.313 ug/ml
15) T n-Hexacosane (C26)	16.247	2918857	19.362 ug/ml
16) T n-Octacosane (C28)	17.198	2822453	19.558 ug/ml
17) T n-Tricontane (C30)	18.087	2879191	19.818 ug/ml
18) T n-Dotriacontane (C32)	18.920	2898241	20.346 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2815496	20.119 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2827249	20.623 ug/ml
21) T n-Octatriacontane (C38)	21.188	2861132	20.611 ug/ml
22) T n-Tetracontane (C40)	22.109	3029933	21.915 ug/ml

(f)=RT Delta > 1/2 Window

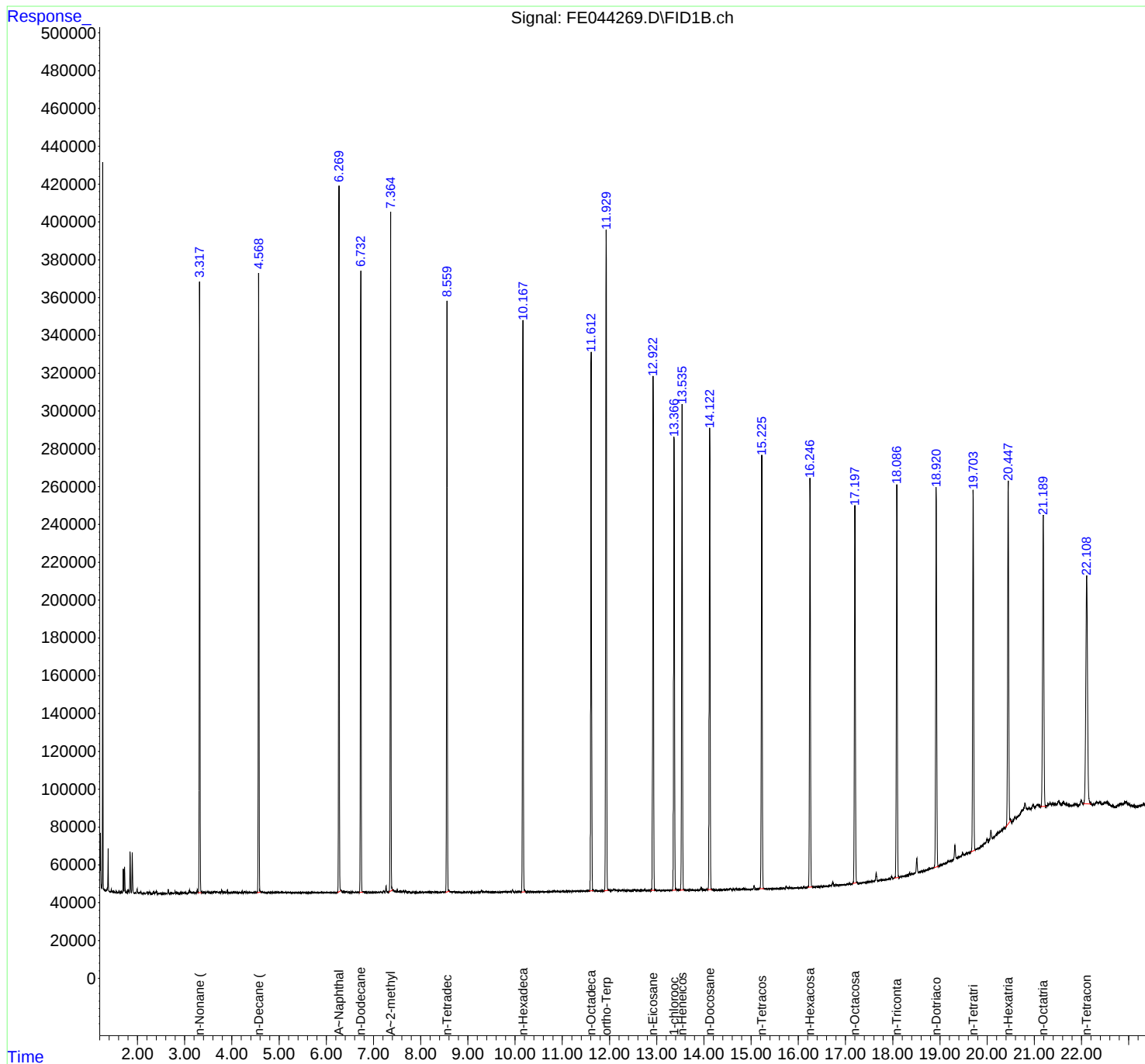
(m)=manual int.

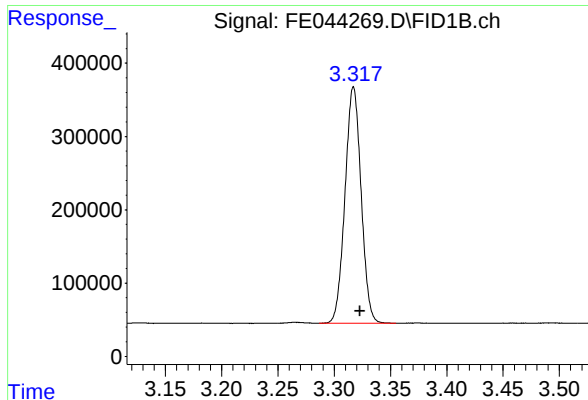
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091423AL\
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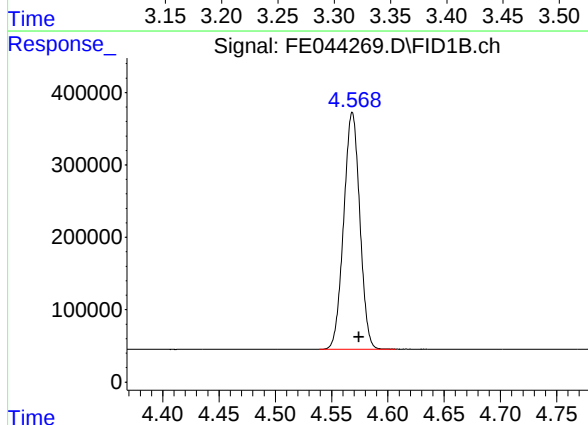




#1 n-Nonane (C9)

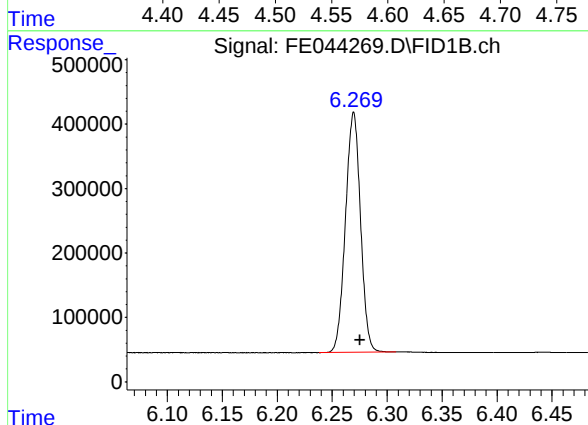
R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 3212072
Conc: 19.69 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



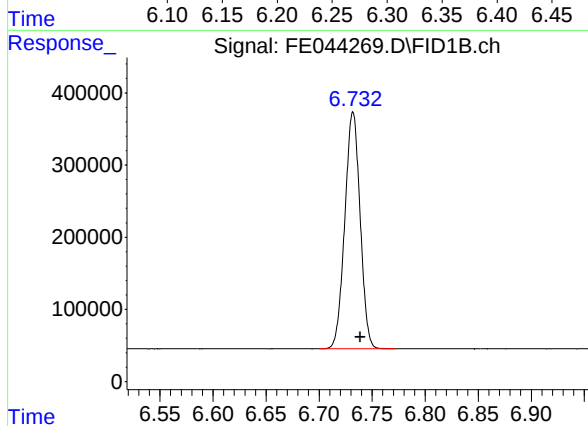
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.006 min
Response: 3261206
Conc: 19.62 ug/ml



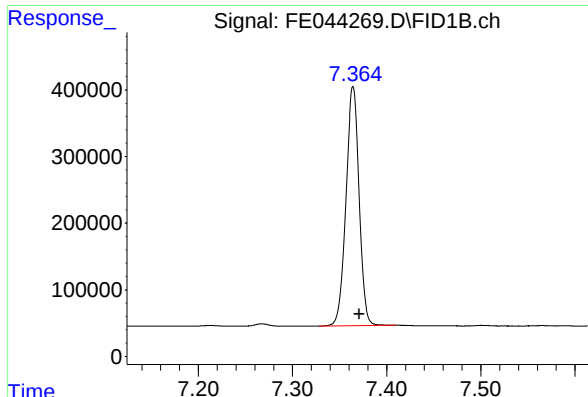
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.006 min
Response: 3553427
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

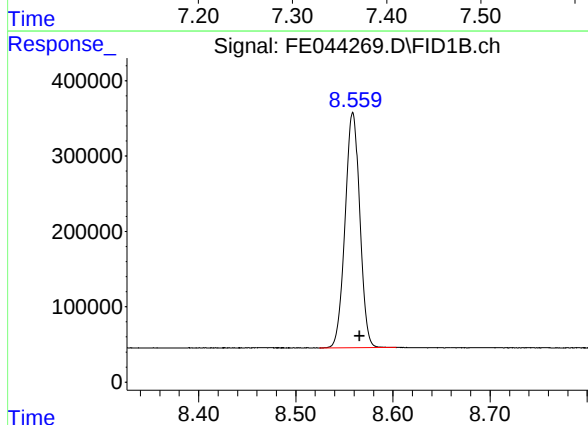
R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 3300820
Conc: 19.63 ug/ml



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

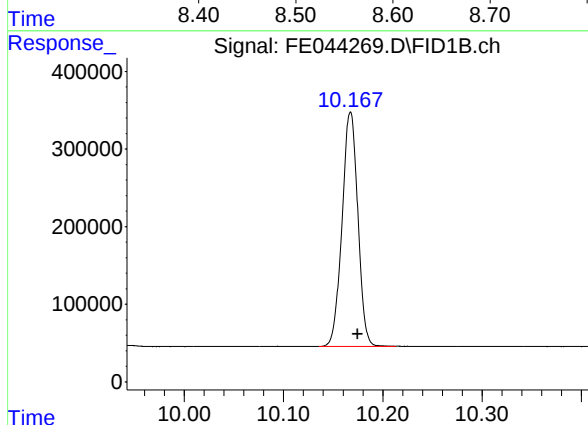
R.T.: 7.364 min
Delta R.T.: -0.007 min
Response: 3470133
Conc: 20.24 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



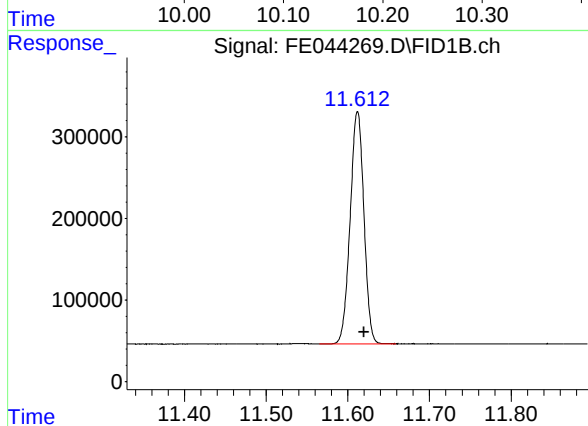
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.007 min
Response: 3283166
Conc: 19.58 ug/ml



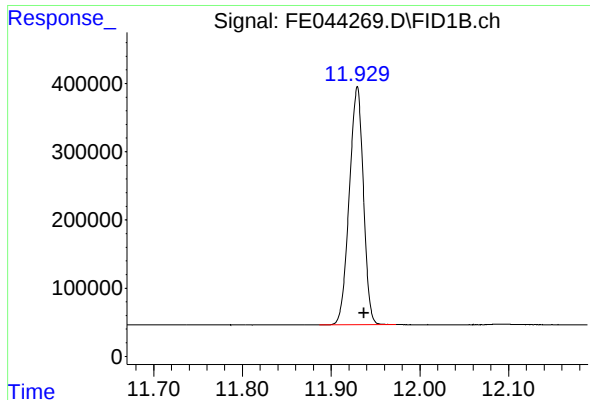
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.007 min
Response: 3339684
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

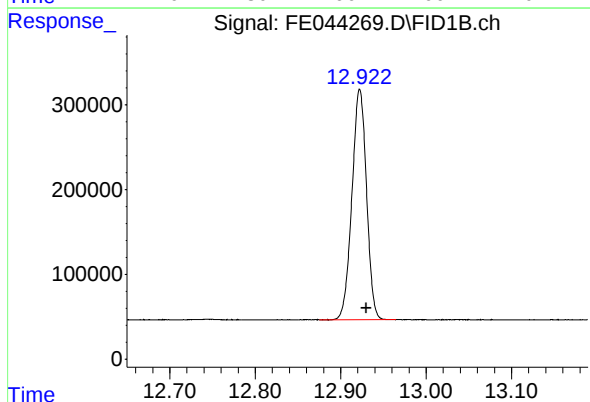
R.T.: 11.612 min
Delta R.T.: -0.008 min
Response: 3340186
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

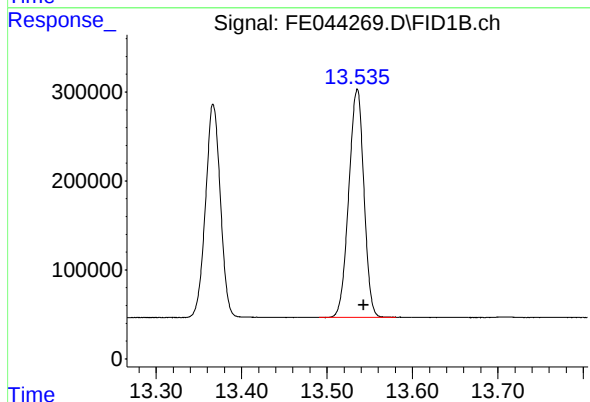
R.T.: 11.930 min
Delta R.T.: -0.007 min
Response: 3850737
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



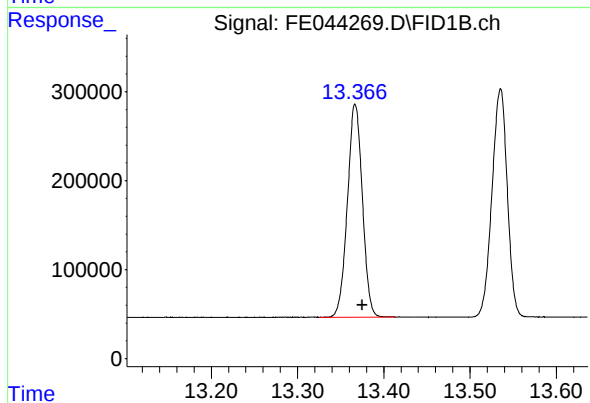
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.008 min
Response: 3219728
Conc: 19.47 ug/ml



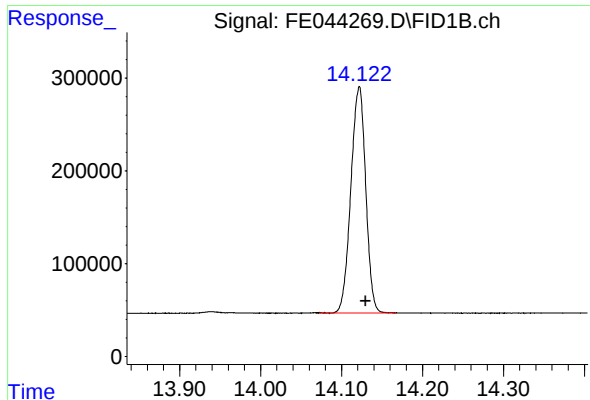
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.007 min
Response: 3158694
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

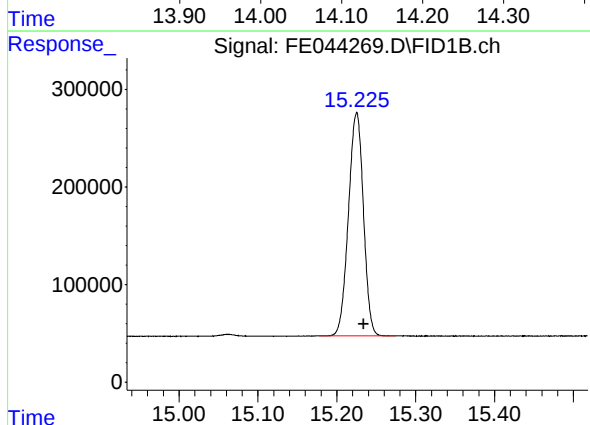
R.T.: 13.367 min
Delta R.T.: -0.008 min
Response: 2887182
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

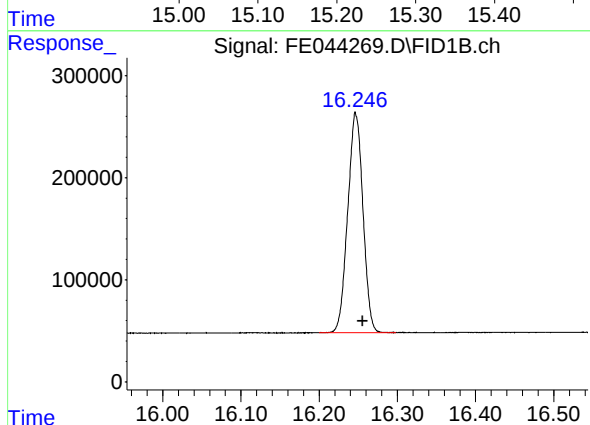
R.T.: 14.122 min
Delta R.T.: -0.008 min
Response: 3105810
Conc: 19.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



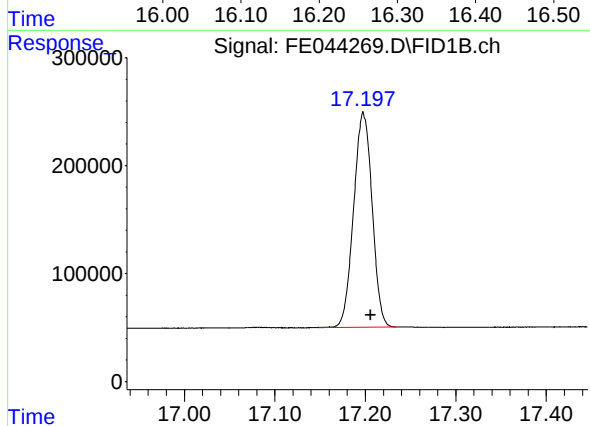
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.009 min
Response: 3020162
Conc: 19.31 ug/ml



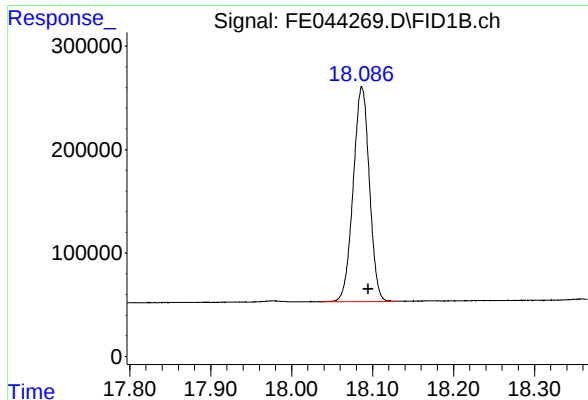
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.009 min
Response: 2918857
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

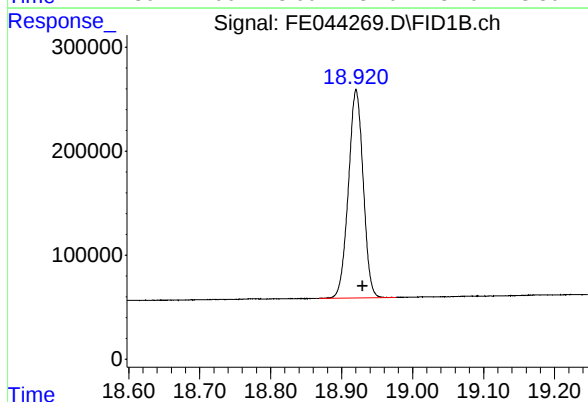
R.T.: 17.198 min
Delta R.T.: -0.008 min
Response: 2822453
Conc: 19.56 ug/ml



#17 n-Tricontane (C30)

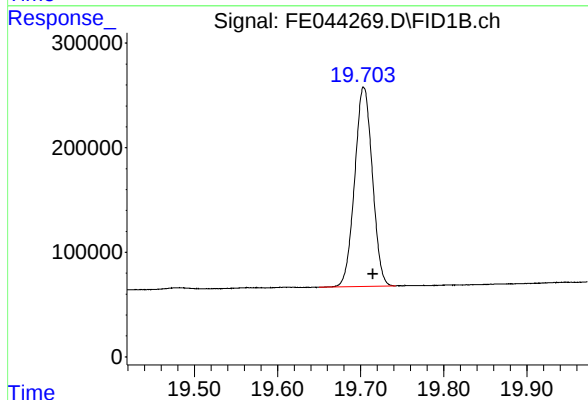
R.T.: 18.087 min
Delta R.T.: -0.008 min
Response: 2879191
Conc: 19.82 ug/ml

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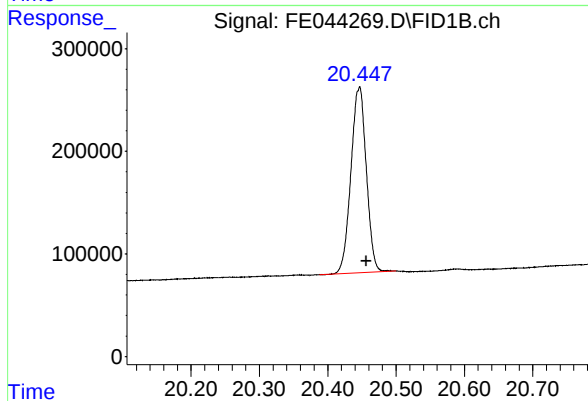
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.009 min
Response: 2898241
Conc: 20.35 ug/ml



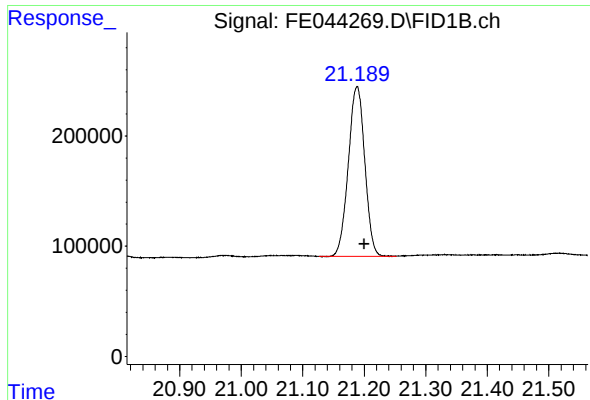
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.011 min
Response: 2815496
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

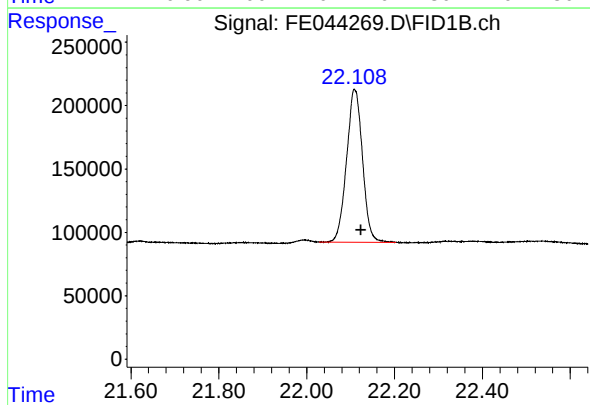
R.T.: 20.447 min
Delta R.T.: -0.010 min
Response: 2827249
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.011 min
Response: 2861132
Conc: 20.61 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: -0.015 min
Response: 3029933
Conc: 21.91 ug/ml