

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071723AL\
 Data File : FE043277.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2023 01:50
 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: Jul 18 04:29:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.898	3255152	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	13.335	2406911	18.318 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T n-Nonane (C9)	3.276	2803402	18.361 ug/ml
2) T n-Decane (C10)	4.529	2878362	18.463 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3010118	18.706 ug/ml
4) T n-Dodecane (C12)	6.699	2905317	18.438 ug/ml
5) T A~2-methylnaphthalene...	7.337	2848246	18.770 ug/ml
6) T n-Tetradecane (C14)	8.528	2892250	18.286 ug/ml
7) T n-Hexadecane (C16)	10.135	2970155	18.353 ug/ml
8) T n-Octadecane (C18)	11.578	2977584	18.265 ug/ml
10) T n-Eicosane (C20)	12.889	2830715	18.219 ug/ml
11) T n-Heneicosane (C21)	13.501	2677668	17.674 ug/ml
13) T n-Docosane (C22)	14.086	2709983	18.133 ug/ml
14) T n-Tetracosane (C24)	15.190	2655051	18.079 ug/ml
15) T n-Hexacosane (C26)	16.210	2587320	18.166 ug/ml
16) T n-Octacosane (C28)	17.161	2564627	18.227 ug/ml
17) T n-Tricontane (C30)	18.049	2729399	18.528 ug/ml
18) T n-Dotriacontane (C32)	18.881	2935741	19.812 ug/ml
19) T n-Tetratriacontane (C34)	19.666	3150590	21.830 ug/ml
20) T n-Hexatriacontane (C36)	20.405	3248214	22.100 ug/ml
21) T n-Octatriacontane (C38)	21.144	3183842	22.319 ug/ml
22) T n-Tetracontane (C40)	22.056	3025747	20.502 ug/ml

(f)=RT Delta > 1/2 Window

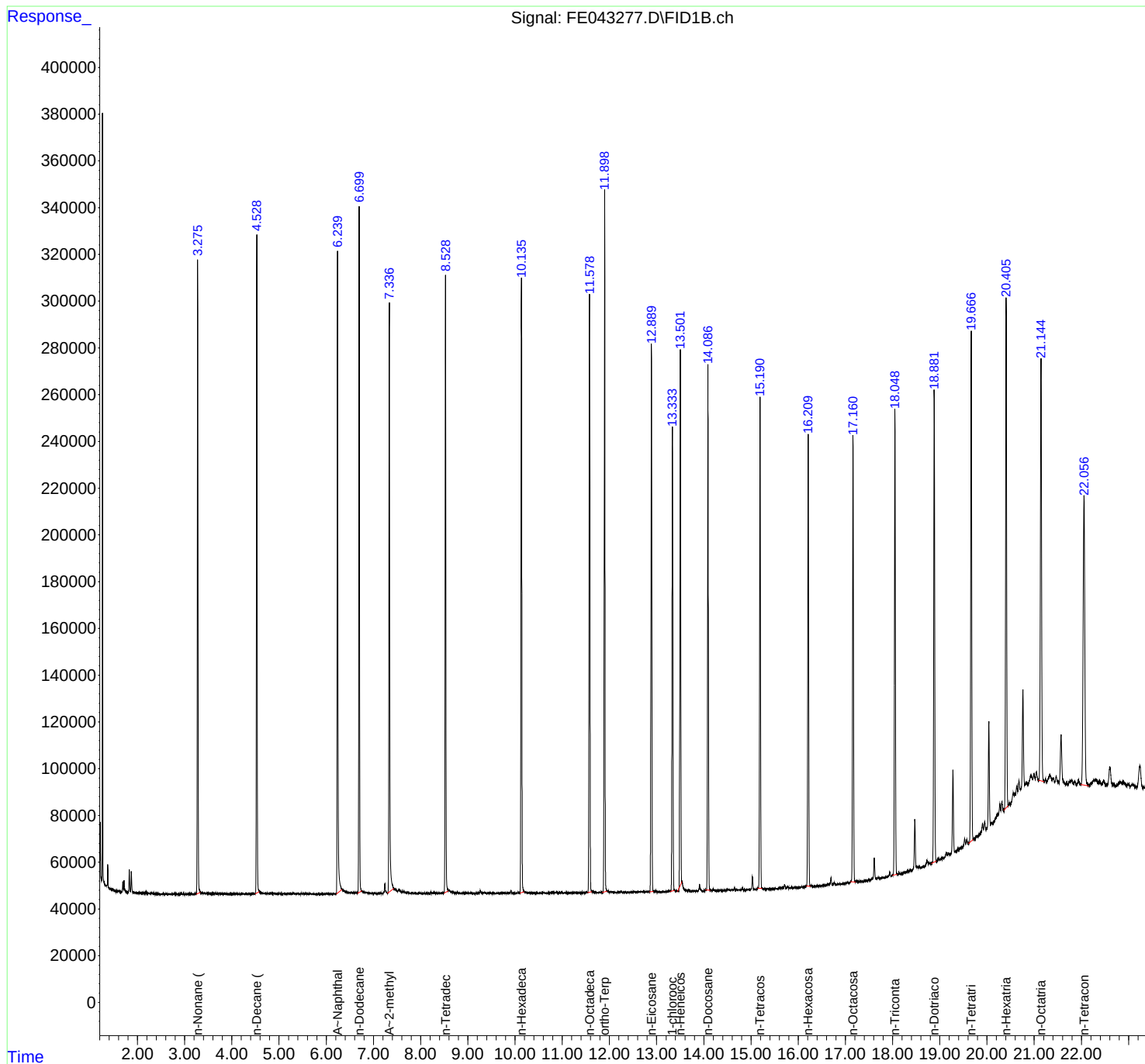
(m)=manual int.

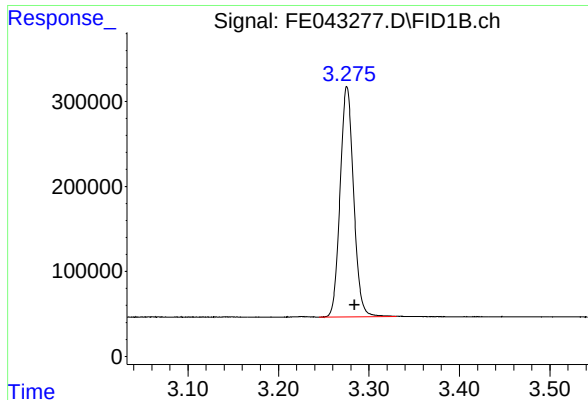
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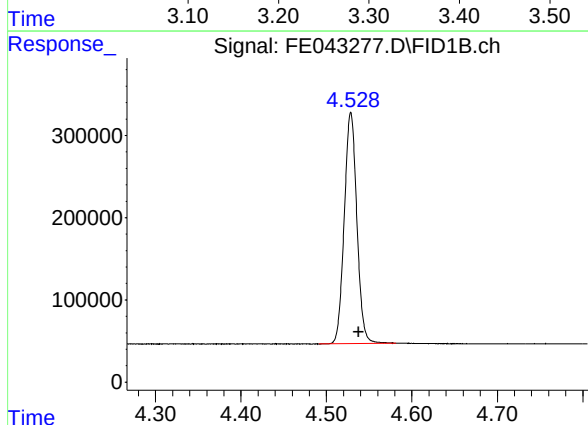




#1 n-Nonane (C9)

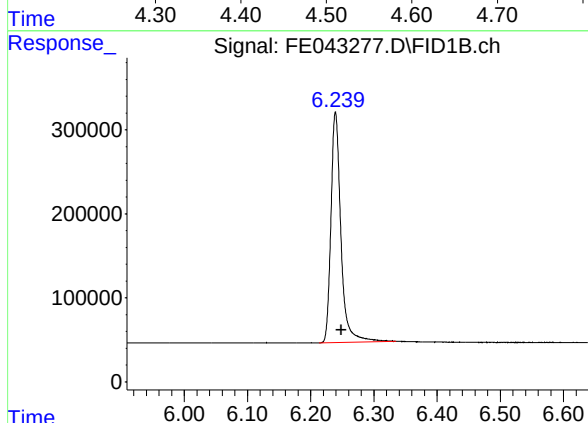
R.T.: 3.276 min
Delta R.T.: -0.008 min
Response: 2803402
Conc: 18.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



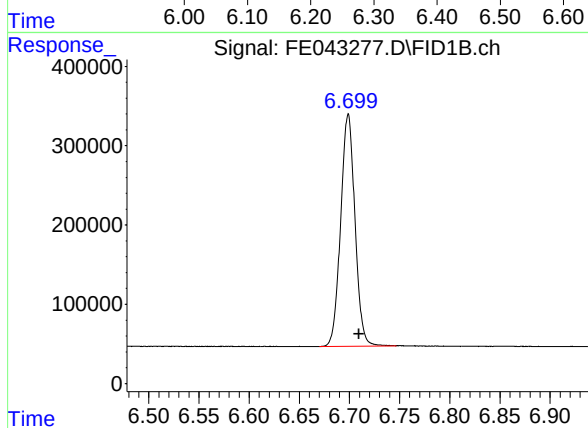
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.009 min
Response: 2878362
Conc: 18.46 ug/ml



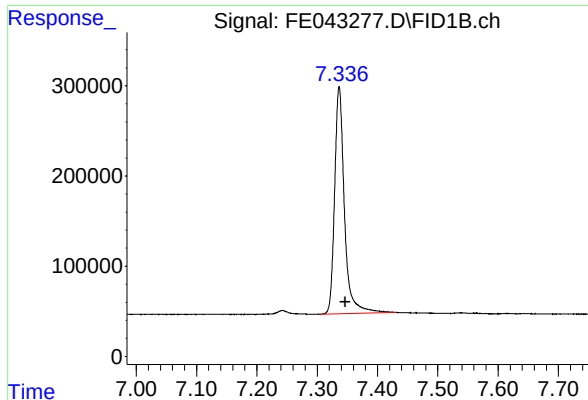
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.009 min
Response: 3010118
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

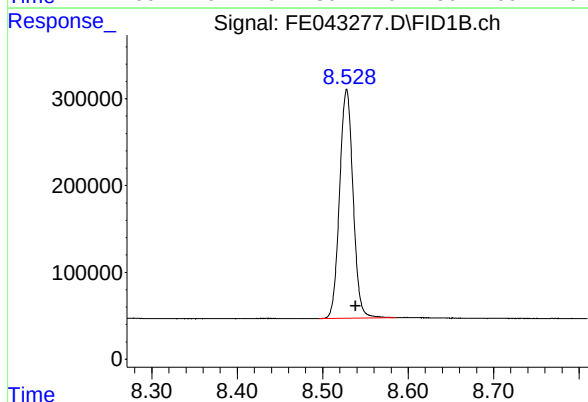
R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2905317
Conc: 18.44 ug/ml



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

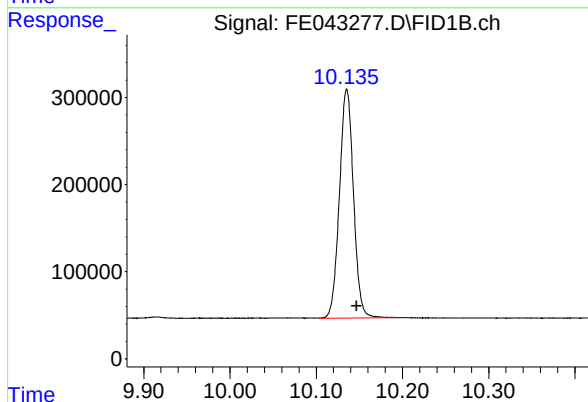
R.T.: 7.337 min
Delta R.T.: -0.010 min
Response: 2848246
Conc: 18.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



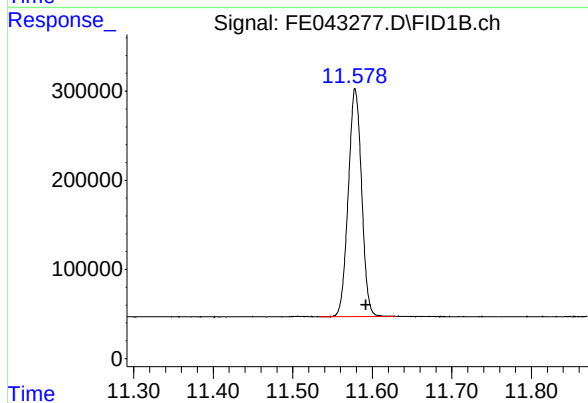
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.010 min
Response: 2892250
Conc: 18.29 ug/ml



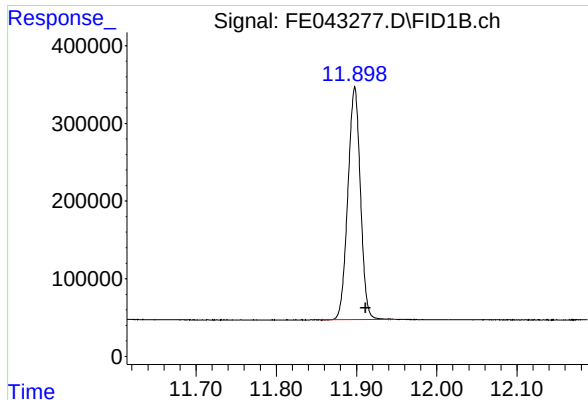
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.011 min
Response: 2970155
Conc: 18.35 ug/ml



#8 n-Octadecane (C18)

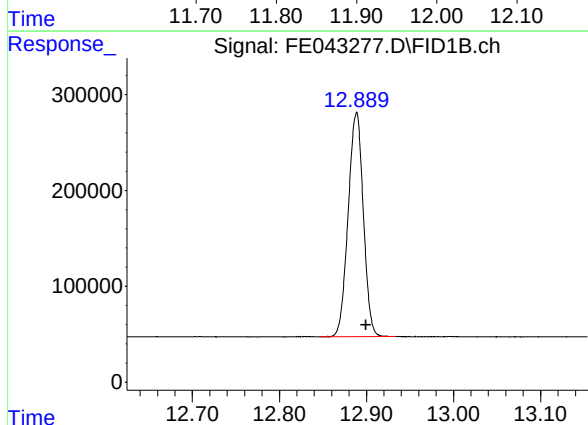
R.T.: 11.578 min
Delta R.T.: -0.014 min
Response: 2977584
Conc: 18.27 ug/ml



#9 ortho-Terphenyl (SURR)

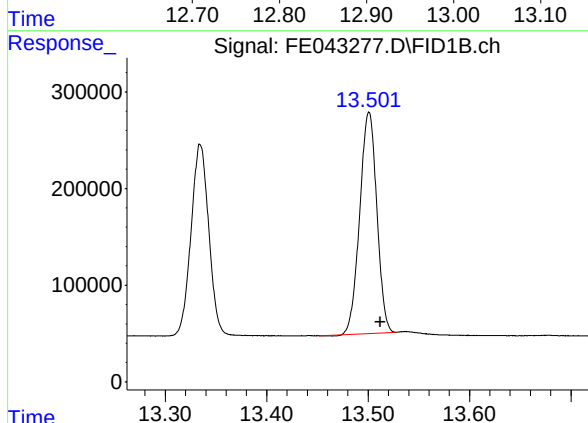
R.T.: 11.898 min
Delta R.T.: -0.014 min
Response: 3255152
Conc: 18.18 ug/ml

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20 PPM ALIPHATIC HC STD



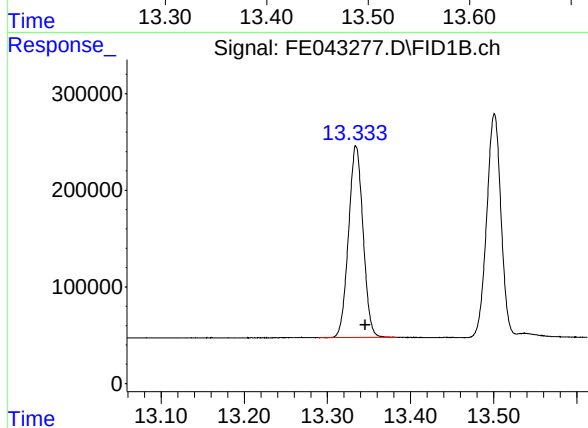
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.011 min
Response: 2830715
Conc: 18.22 ug/ml



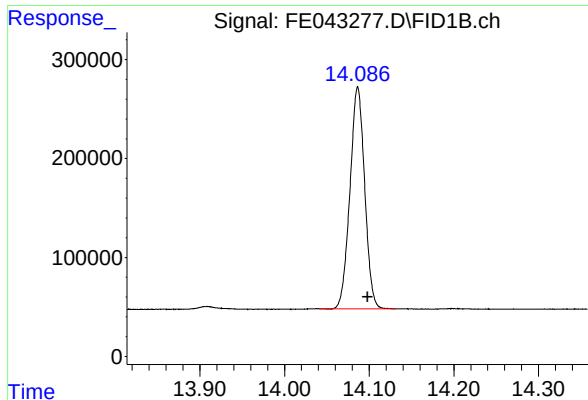
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.011 min
Response: 2677668
Conc: 17.67 ug/ml



#12 1-chlorooctadecane (SURR)

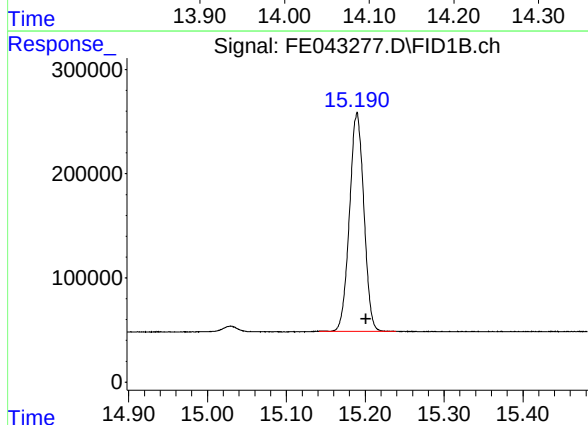
R.T.: 13.335 min
Delta R.T.: -0.011 min
Response: 2406911
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

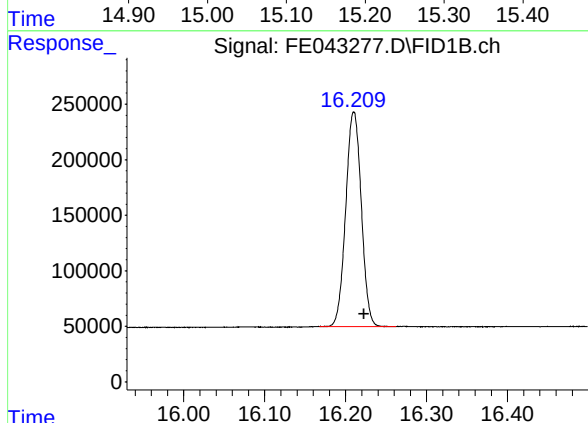
R.T.: 14.086 min
Delta R.T.: -0.012 min
Response: 2709983
Conc: 18.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



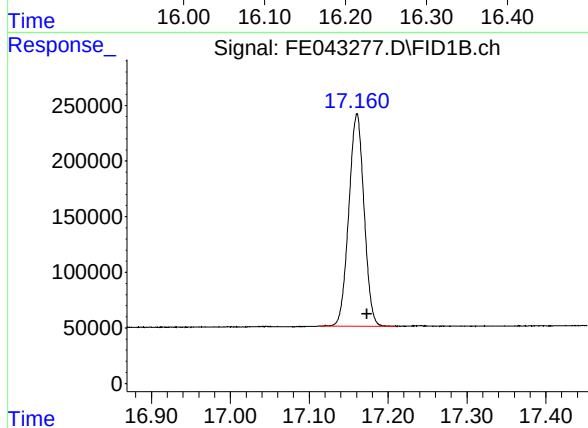
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.011 min
Response: 2655051
Conc: 18.08 ug/ml



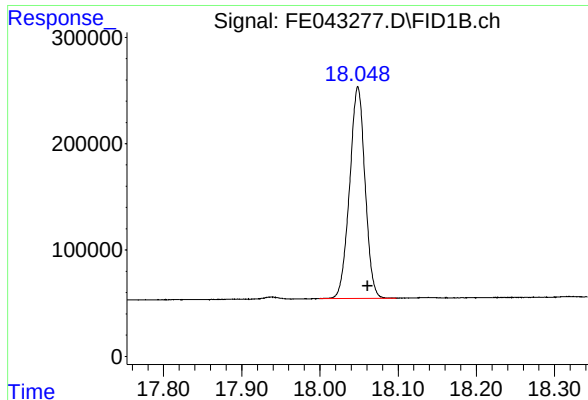
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.012 min
Response: 2587320
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

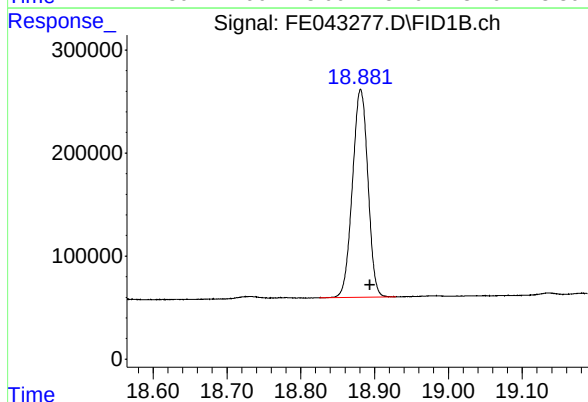
R.T.: 17.161 min
Delta R.T.: -0.013 min
Response: 2564627
Conc: 18.23 ug/ml



#17 n-Tricontane (C30)

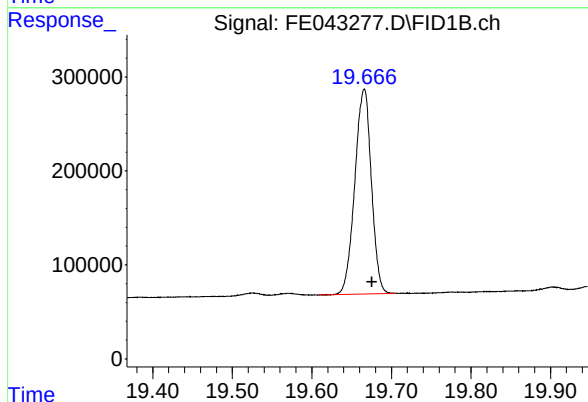
R.T.: 18.049 min
Delta R.T.: -0.012 min
Response: 2729399
Conc: 18.53 ug/ml

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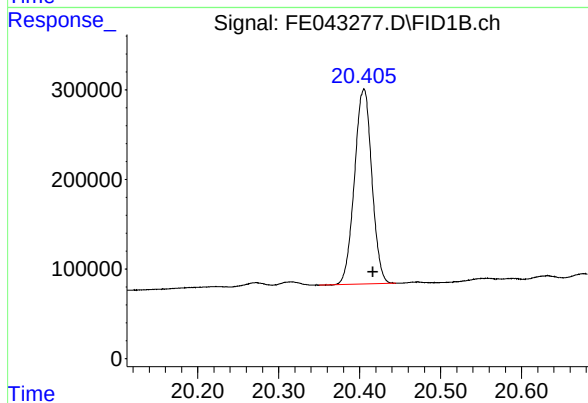
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.012 min
Response: 2935741
Conc: 19.81 ug/ml



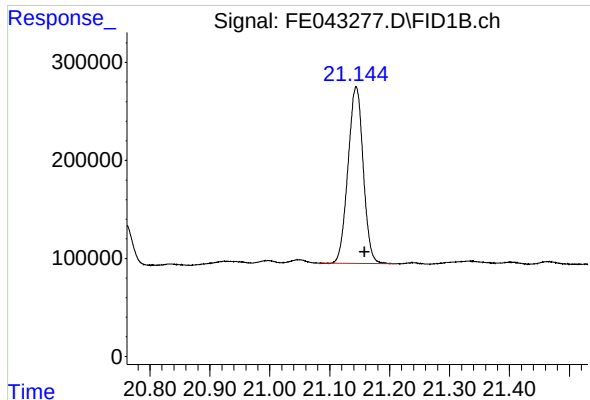
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.010 min
Response: 3150590
Conc: 21.83 ug/ml



#20 n-Hexatriacontane (C36)

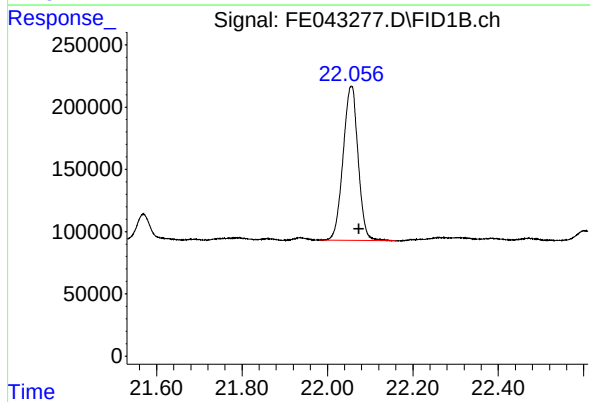
R.T.: 20.405 min
Delta R.T.: -0.011 min
Response: 3248214
Conc: 22.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: -0.014 min
Response: 3183842
Conc: 22.32 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.018 min
Response: 3025747
Conc: 20.50 ug/ml