

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090823AL\
 Data File : FE044146.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2023 08:38
 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 08 11:55:11 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)	11.934	4062849	21.445 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
12) S 1-chlorooctadecane (S...	13.372	3061586	22.162 ug/ml
Spiked Amount 50.000		Recovery =	44.32%
Target Compounds			
1) T n-Nonane (C9)	3.321	3326171	20.389 ug/ml
2) T n-Decane (C10)	4.572	3394813	20.424 ug/ml
3) T A~Naphthalene (C11.7)	6.273	3676409	20.531 ug/ml
4) T n-Dodecane (C12)	6.736	3433599	20.417 ug/ml
5) T A~2-methylnaphthalene...	7.369	3588567	20.933 ug/ml
6) T n-Tetradecane (C14)	8.564	3437047	20.494 ug/ml
7) T n-Hexadecane (C16)	10.173	3513047	20.326 ug/ml
8) T n-Octadecane (C18)	11.617	3531553	20.288 ug/ml
10) T n-Eicosane (C20)	12.928	3428141	20.725 ug/ml
11) T n-Heneicosane (C21)	13.539	3367750	20.820 ug/ml
13) T n-Docosane (C22)	14.126	3346747	20.948 ug/ml
14) T n-Tetracosane (C24)	15.230	3303546	21.125 ug/ml
15) T n-Hexacosane (C26)	16.252	3205191	21.261 ug/ml
16) T n-Octacosane (C28)	17.204	3154129	21.856 ug/ml
17) T n-Tricontane (C30)	18.092	3264802	22.472 ug/ml
18) T n-Dotriacontane (C32)	18.927	3267556	22.939 ug/ml
19) T n-Tetratriacontane (C34)	19.711	3103134	22.175 ug/ml
20) T n-Hexatriacontane (C36)	20.454	3027038	22.080 ug/ml
21) T n-Octatriacontane (C38)	21.196	2964688	21.357 ug/ml
22) T n-Tetracontane (C40)	22.120	3022026	21.857 ug/ml

(f)=RT Delta > 1/2 Window

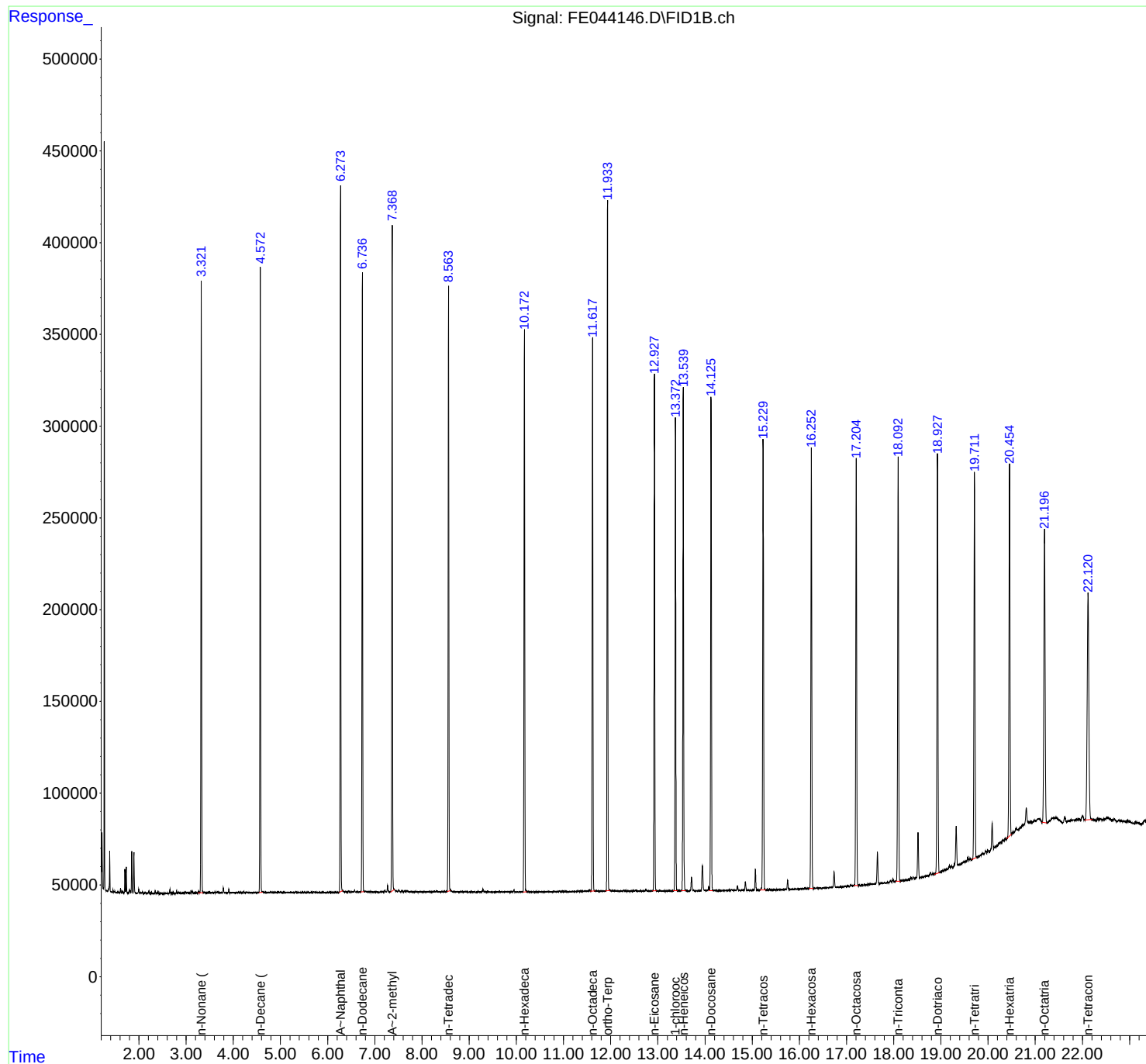
(m)=manual int.

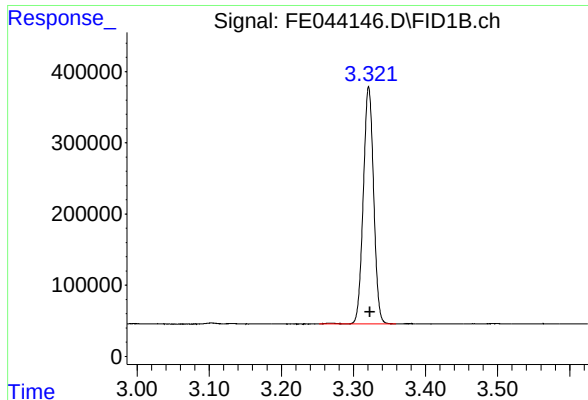
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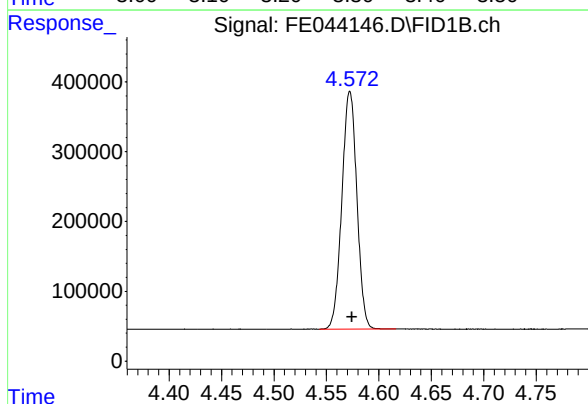




#1 n-Nonane (C9)

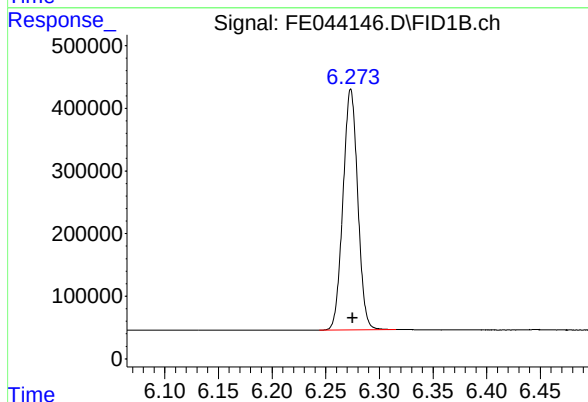
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 3326171
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



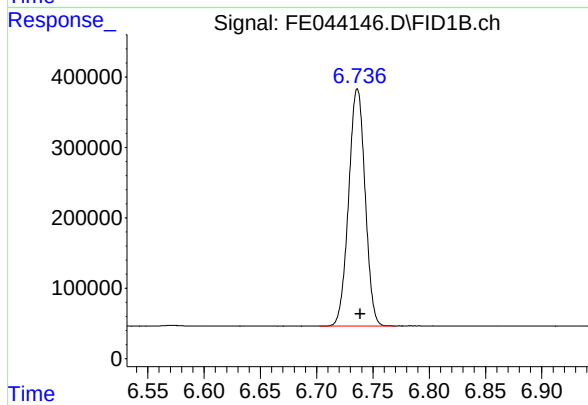
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 3394813
Conc: 20.42 ug/ml



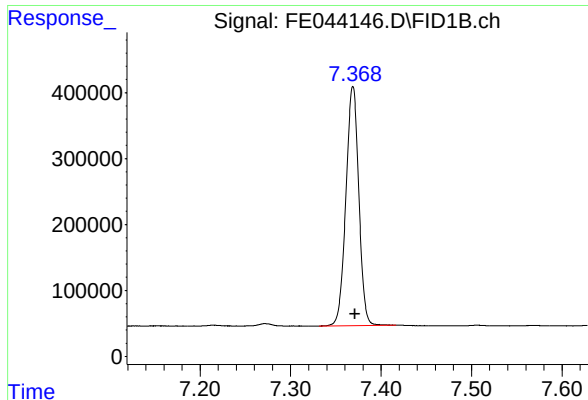
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 3676409
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

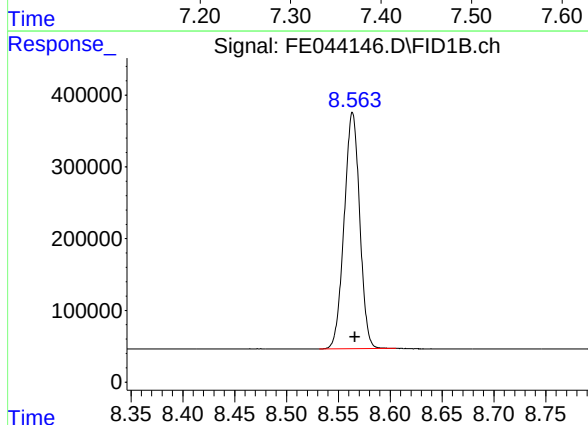
R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 3433599
Conc: 20.42 ug/ml



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

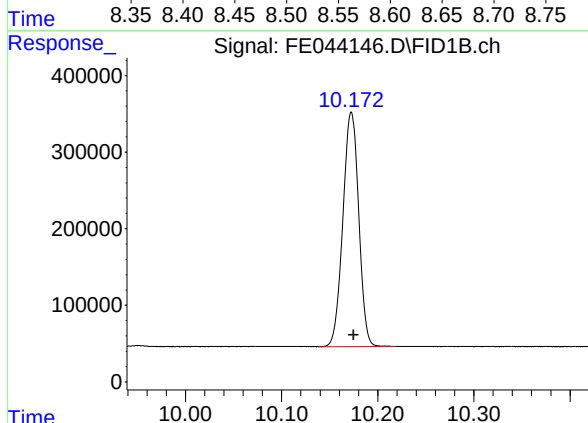
R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 3588567
Conc: 20.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



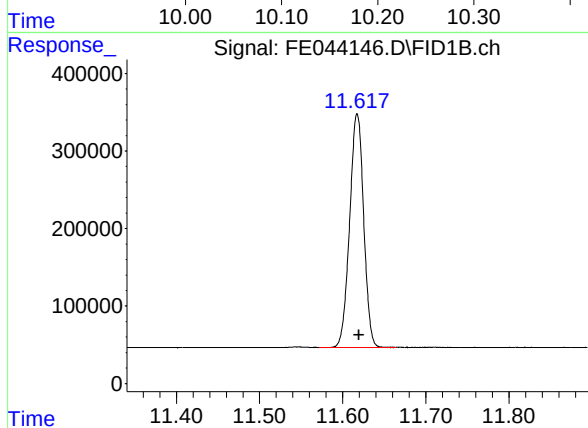
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 3437047
Conc: 20.49 ug/ml



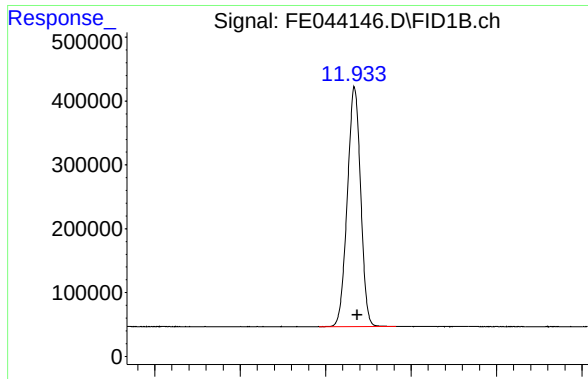
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.002 min
Response: 3513047
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

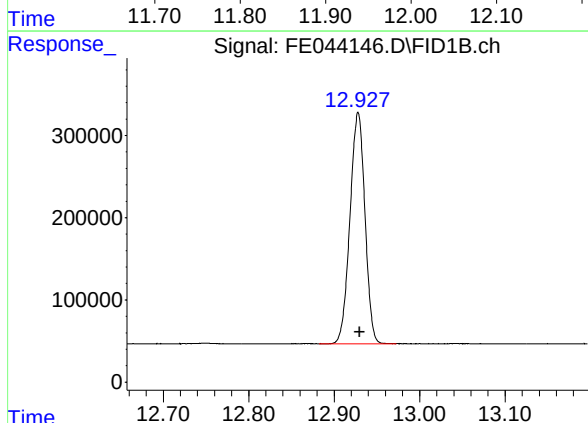
R.T.: 11.617 min
Delta R.T.: -0.002 min
Response: 3531553
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

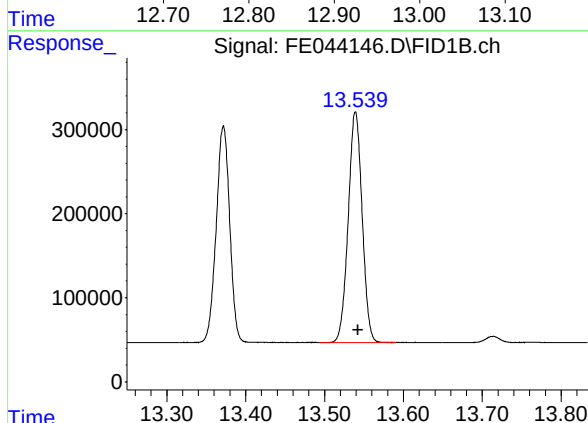
R.T.: 11.934 min
Delta R.T.: -0.003 min
Response: 4062849
Conc: 21.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



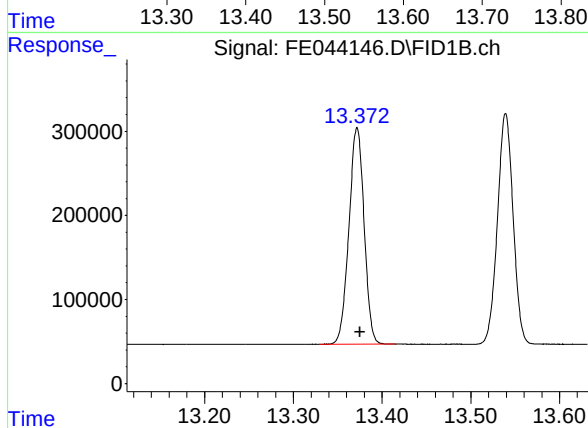
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.002 min
Response: 3428141
Conc: 20.73 ug/ml



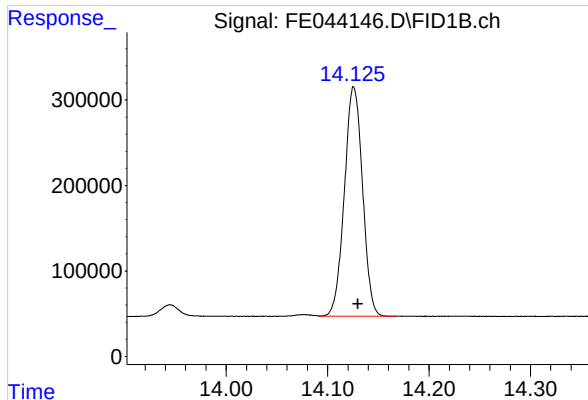
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.004 min
Response: 3367750
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

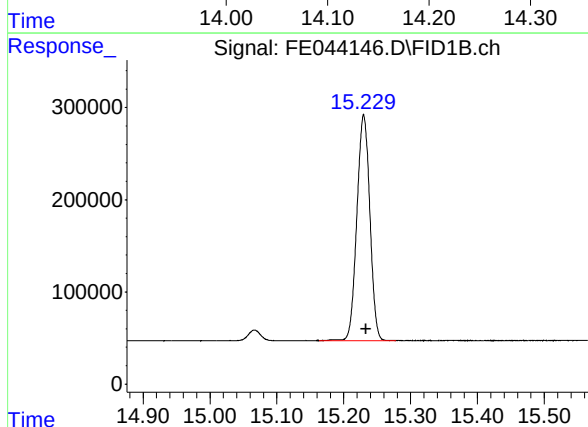
R.T.: 13.372 min
Delta R.T.: -0.003 min
Response: 3061586
Conc: 22.16 ug/ml



#13 n-Docosane (C22)

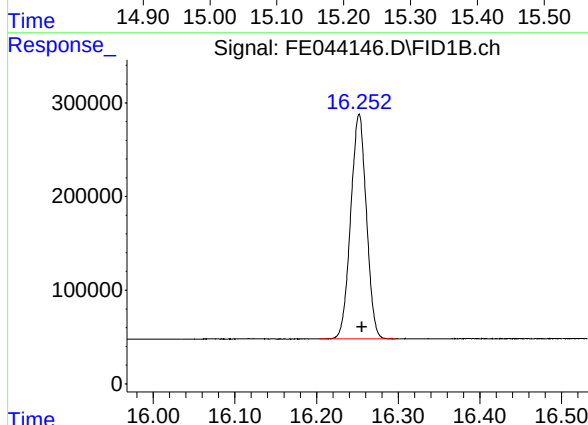
R.T.: 14.126 min
Delta R.T.: -0.004 min
Response: 3346747
Conc: 20.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



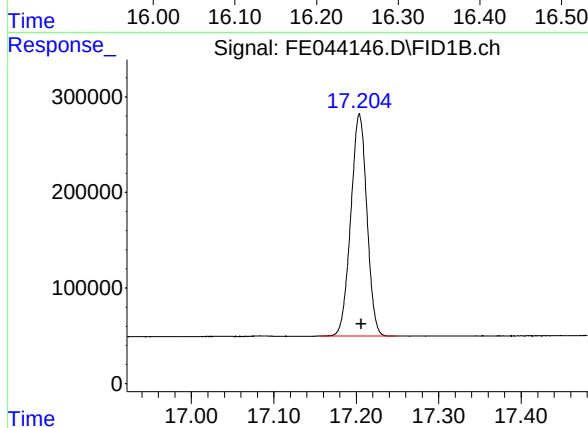
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.004 min
Response: 3303546
Conc: 21.13 ug/ml



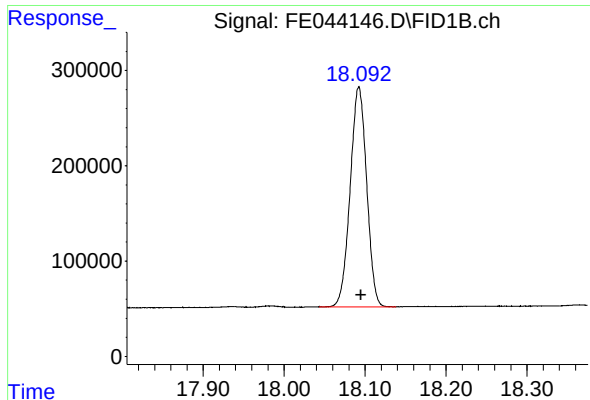
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.003 min
Response: 3205191
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

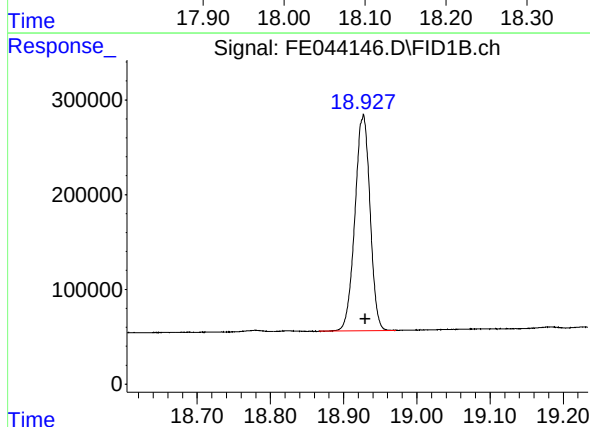
R.T.: 17.204 min
Delta R.T.: -0.002 min
Response: 3154129
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

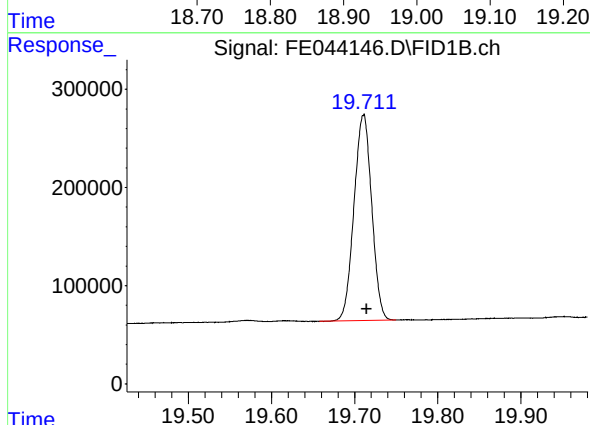
R.T.: 18.092 min
Delta R.T.: -0.003 min
Response: 3264802
Conc: 22.47 ug/ml

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20 PPM ALIPHATIC HC STD



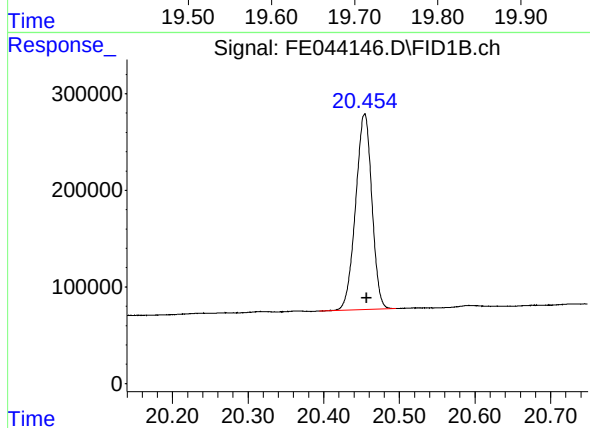
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.003 min
Response: 3267556
Conc: 22.94 ug/ml



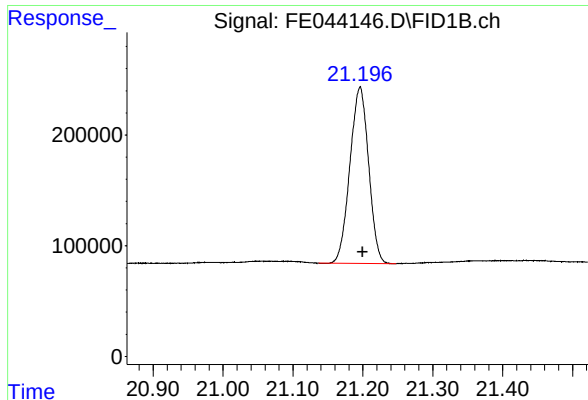
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.004 min
Response: 3103134
Conc: 22.17 ug/ml



#20 n-Hexatriacontane (C36)

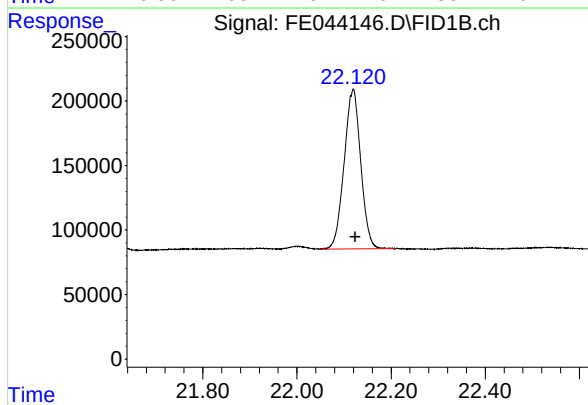
R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 3027038
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.004 min
Response: 2964688
Conc: 21.36 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.004 min
Response: 3022026
Conc: 21.86 ug/ml