

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052623AL\
 Data File : FE042250.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 13:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 00:27:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.962	3882919	21.990 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
12) S 1-chlorooctadecane (S...	13.398	2827405	21.278 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
Target Compounds			
1) T n-Nonane (C9)	3.346	3246215	22.512 ug/ml
2) T n-Decane (C10)	4.597	3334292	22.523 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3676280	22.532 ug/ml
4) T n-Dodecane (C12)	6.764	3382629	22.558 ug/ml
5) T A~2-methylnaphthalene...	7.400	3537881	22.293 ug/ml
6) T n-Tetradecane (C14)	8.592	3350780	22.367 ug/ml
7) T n-Hexadecane (C16)	10.199	3461768	22.224 ug/ml
8) T n-Octadecane (C18)	11.642	3471408	21.952 ug/ml
10) T n-Eicosane (C20)	12.952	3286657	21.682 ug/ml
11) T n-Heneicosane (C21)	13.565	3198468	21.589 ug/ml
13) T n-Docosane (C22)	14.150	3146740	21.465 ug/ml
14) T n-Tetracosane (C24)	15.252	3055262	21.165 ug/ml
15) T n-Hexacosane (C26)	16.273	2941041	21.235 ug/ml
16) T n-Octacosane (C28)	17.224	2849314	21.282 ug/ml
17) T n-Tricontane (C30)	18.111	2900486	21.486 ug/ml
18) T n-Dotriacontane (C32)	18.943	2865621	21.451 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2798188	21.277 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2743577	21.109 ug/ml
21) T n-Octatriacontane (C38)	21.217	2826102	20.830 ug/ml
22) T n-Tetracontane (C40)	22.152	2862112	20.573 ug/ml

(f)=RT Delta > 1/2 Window

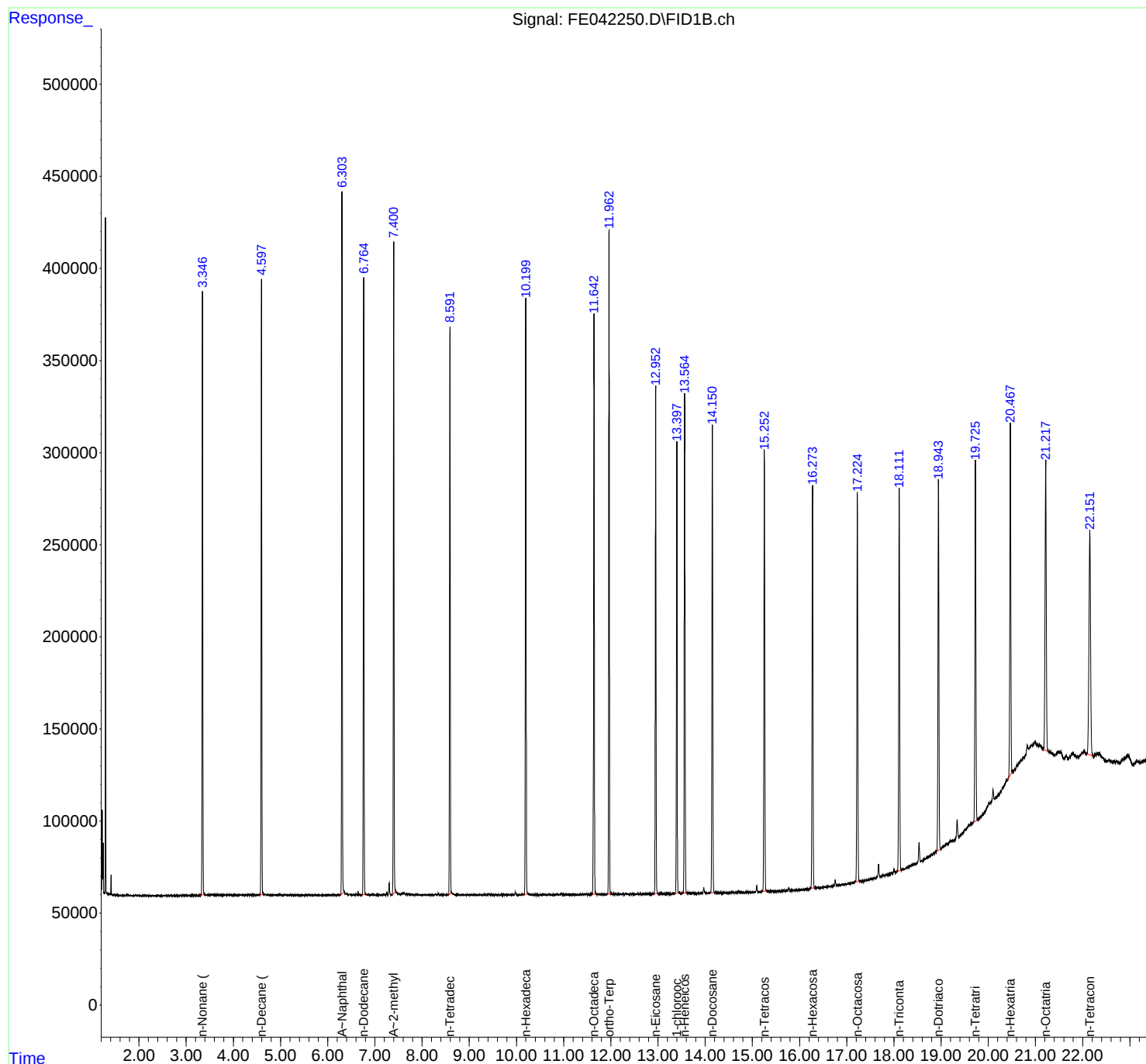
(m)=manual int.

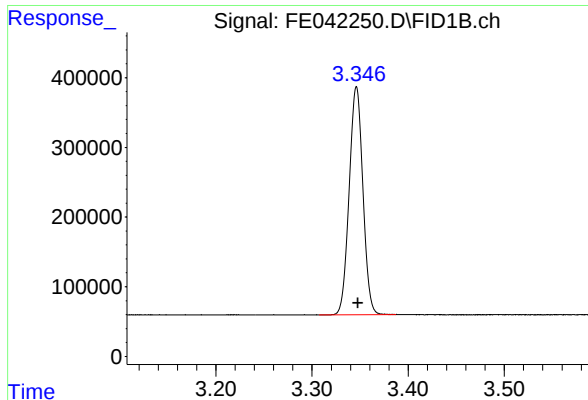
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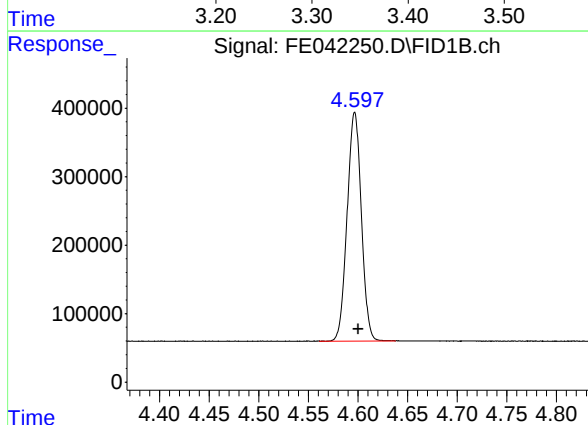




#1 n-Nonane (C9)

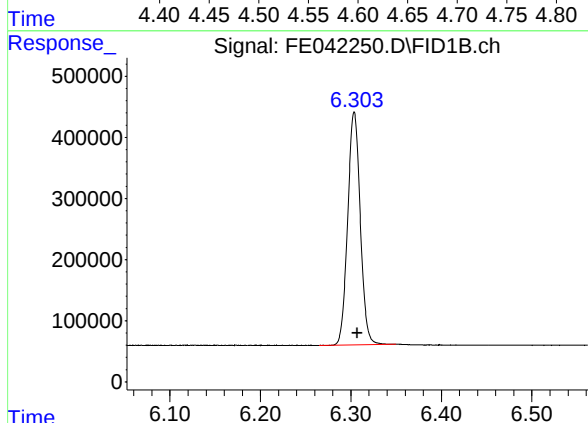
R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 3246215
Conc: 22.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



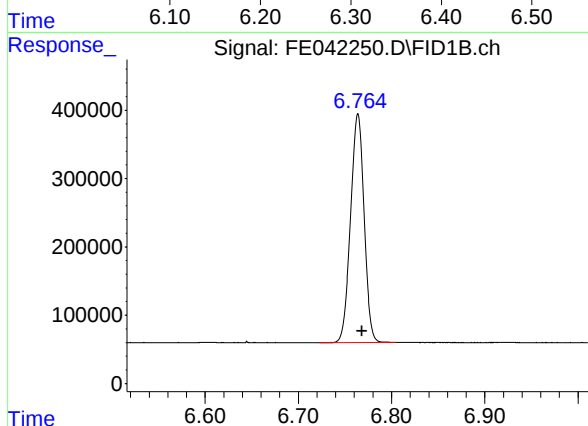
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 3334292
Conc: 22.52 ug/ml



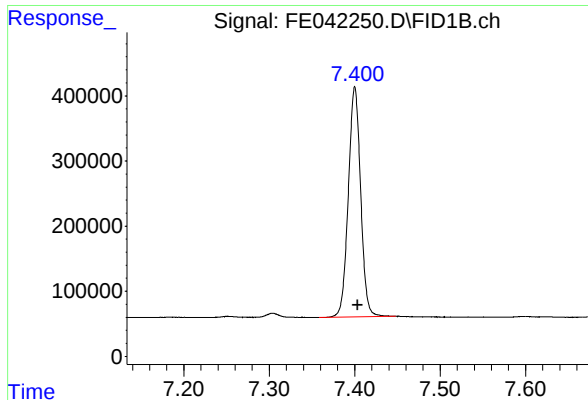
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.003 min
Response: 3676280
Conc: 22.53 ug/ml



#4 n-Dodecane (C12)

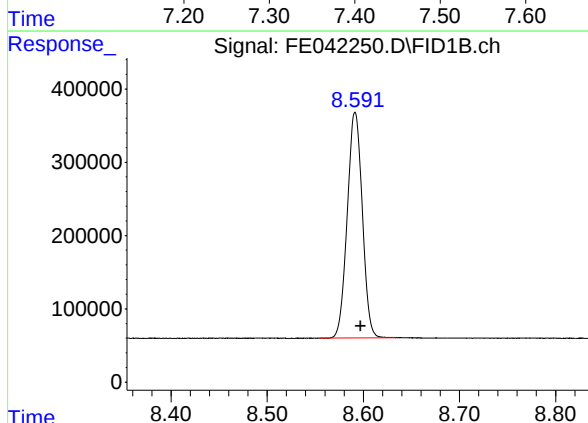
R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 3382629
Conc: 22.56 ug/ml



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

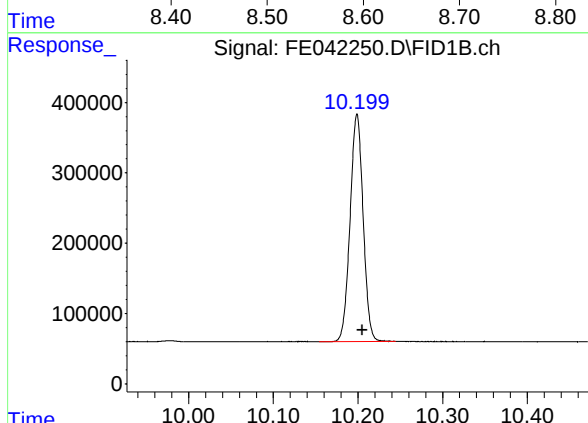
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 3537881
Conc: 22.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



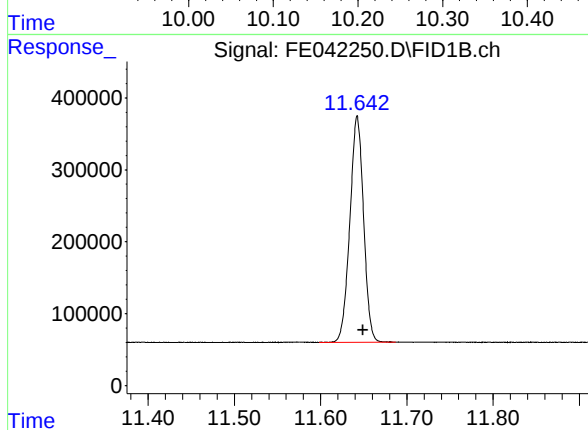
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.006 min
Response: 3350780
Conc: 22.37 ug/ml



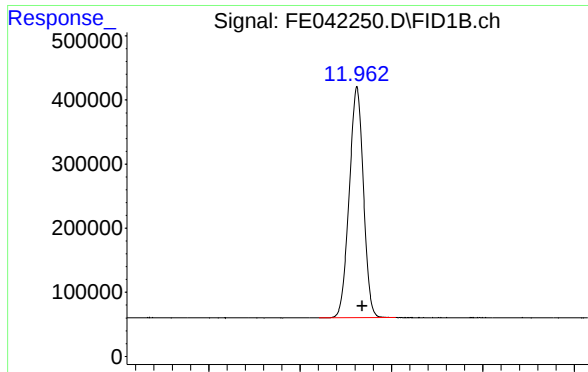
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.006 min
Response: 3461768
Conc: 22.22 ug/ml



#8 n-Octadecane (C18)

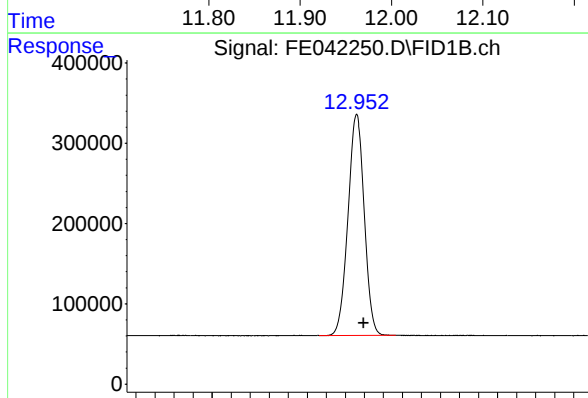
R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 3471408
Conc: 21.95 ug/ml



#9 ortho-Terphenyl (SURR)

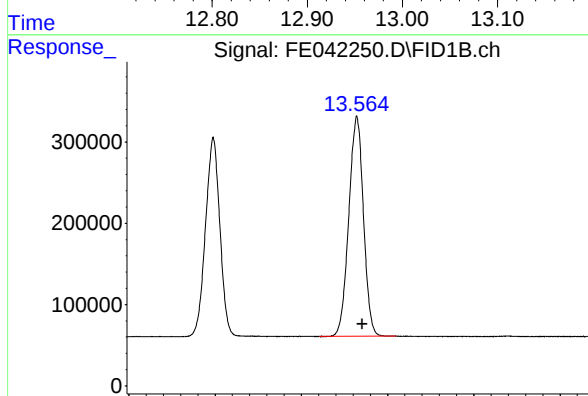
R.T.: 11.962 min
Delta R.T.: -0.006 min
Response: 3882919
Conc: 21.99 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



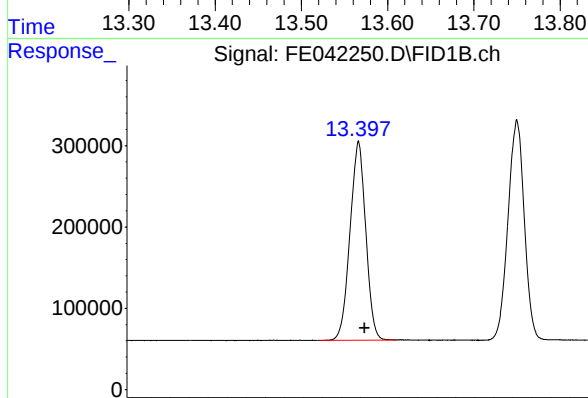
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 3286657
Conc: 21.68 ug/ml



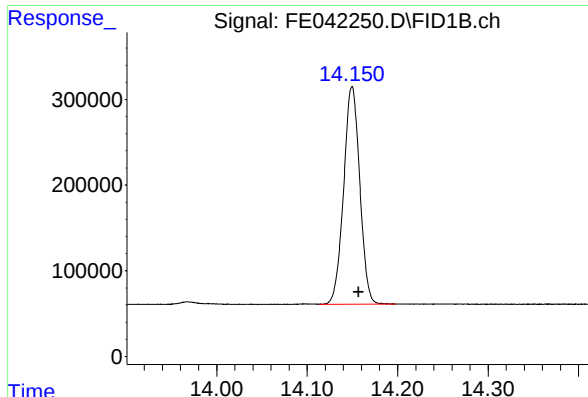
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.006 min
Response: 3198468
Conc: 21.59 ug/ml



#12 1-chlorooctadecane (SURR)

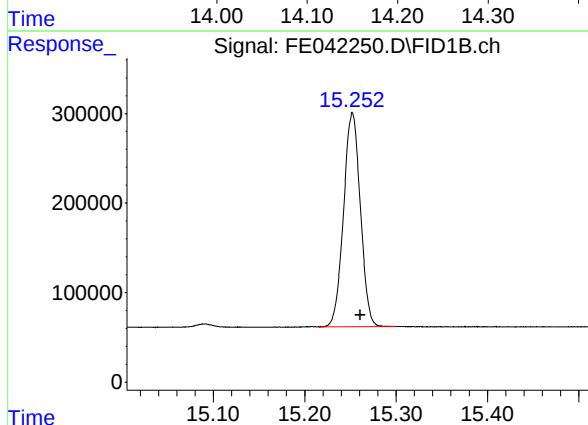
R.T.: 13.398 min
Delta R.T.: -0.006 min
Response: 2827405
Conc: 21.28 ug/ml



#13 n-Docosane (C22)

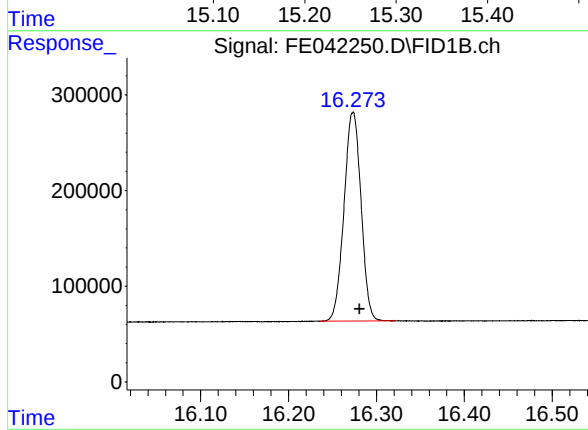
R.T.: 14.150 min
Delta R.T.: -0.008 min
Response: 3146740
Conc: 21.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



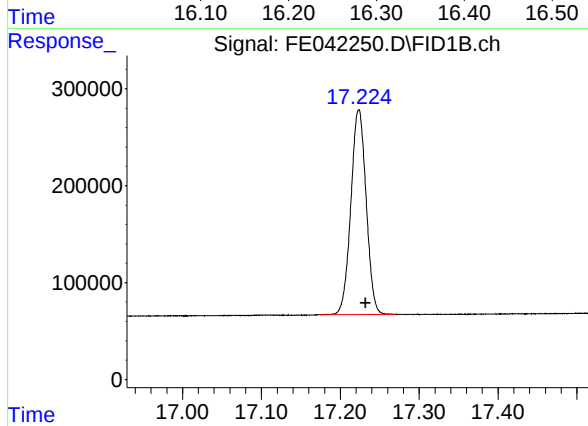
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.009 min
Response: 3055262
Conc: 21.16 ug/ml



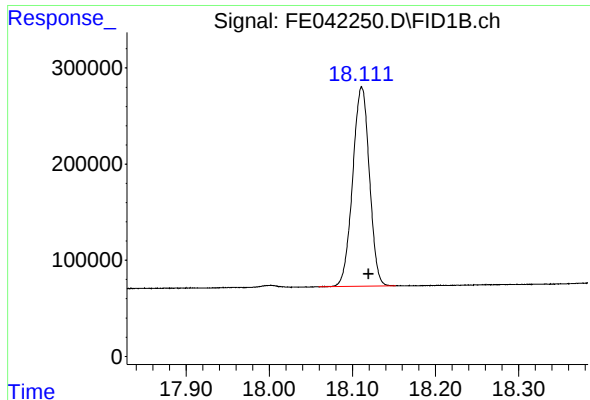
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.008 min
Response: 2941041
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

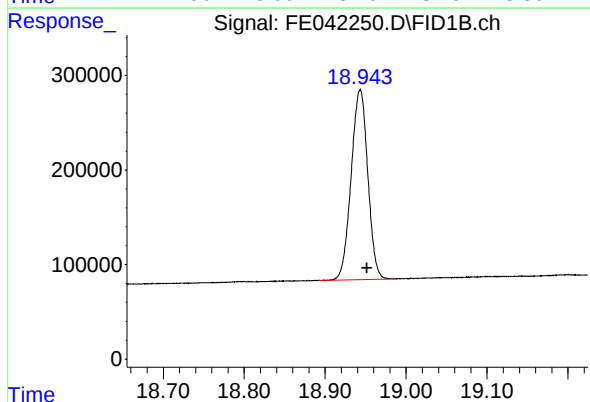
R.T.: 17.224 min
Delta R.T.: -0.009 min
Response: 2849314
Conc: 21.28 ug/ml



#17 n-Tricontane (C30)

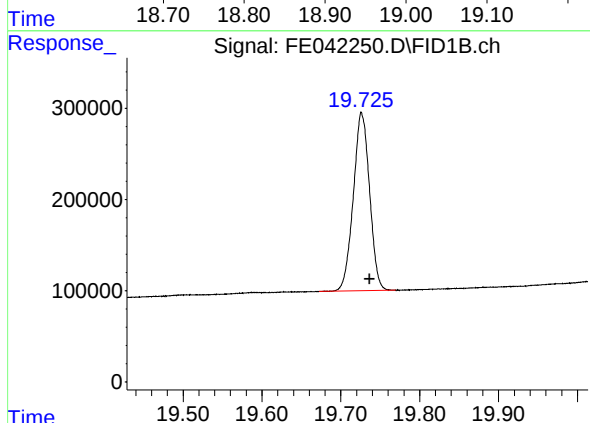
R.T.: 18.111 min
Delta R.T.: -0.008 min
Response: 2900486
Conc: 21.49 ug/ml

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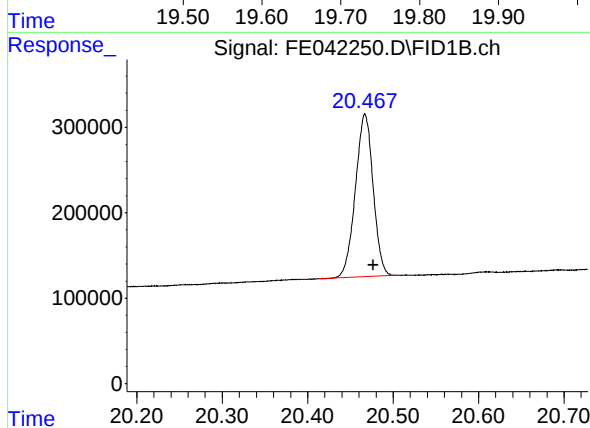
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.009 min
Response: 2865621
Conc: 21.45 ug/ml



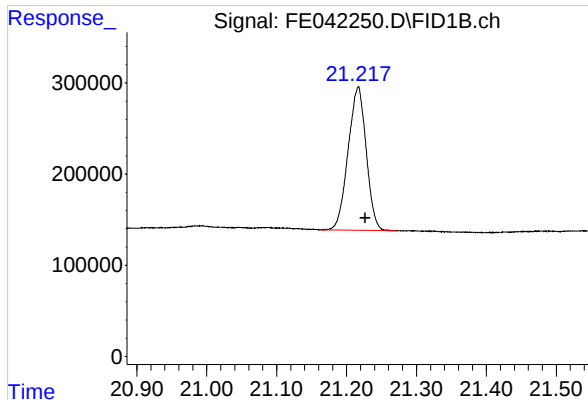
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.010 min
Response: 2798188
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

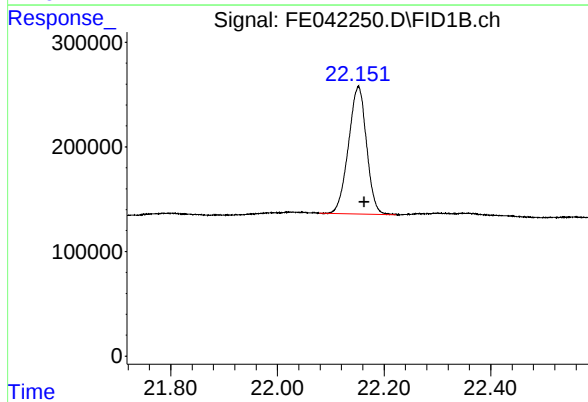
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2743577
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.010 min
Response: 2826102
Conc: 20.83 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: -0.011 min
Response: 2862112
Conc: 20.57 ug/ml