

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038969.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2022 22:20
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:03:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.952	3113757	19.904 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	13.387	2408142	19.945 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T n-Nonane (C9)	3.347	2745157	19.367 ug/ml
2) T n-Decane (C10)	4.597	2706908	19.421 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3115442	19.587 ug/ml
4) T n-Dodecane (C12)	6.759	2736025	19.410 ug/ml
5) T A~2-methylnaphthalene...	7.394	2918405	19.499 ug/ml
6) T n-Tetradecane (C14)	8.585	2783705	19.491 ug/ml
7) T n-Hexadecane (C16)	10.191	2871101	19.637 ug/ml
8) T n-Octadecane (C18)	11.633	2916433	19.820 ug/ml
10) T n-Eicosane (C20)	12.942	2832360	19.951 ug/ml
11) T n-Heneicosane (C21)	13.553	2839656	19.984 ug/ml
13) T n-Docosane (C22)	14.139	2814210	20.132 ug/ml
14) T n-Tetracosane (C24)	15.242	2770683	20.062 ug/ml
15) T n-Hexacosane (C26)	16.263	2710929	20.183 ug/ml
16) T n-Octacosane (C28)	17.213	2732958	20.580 ug/ml
17) T n-Tricontane (C30)	18.102	2819510	21.350 ug/ml
18) T n-Dotriacontane (C32)	18.932	2878304	21.582 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2796151	21.131 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2640575	20.554 ug/ml
21) T n-Octatriacontane (C38)	21.197	2653756	20.252 ug/mlm
22) T n-Tetracontane (C40)	22.122	2640109	19.389 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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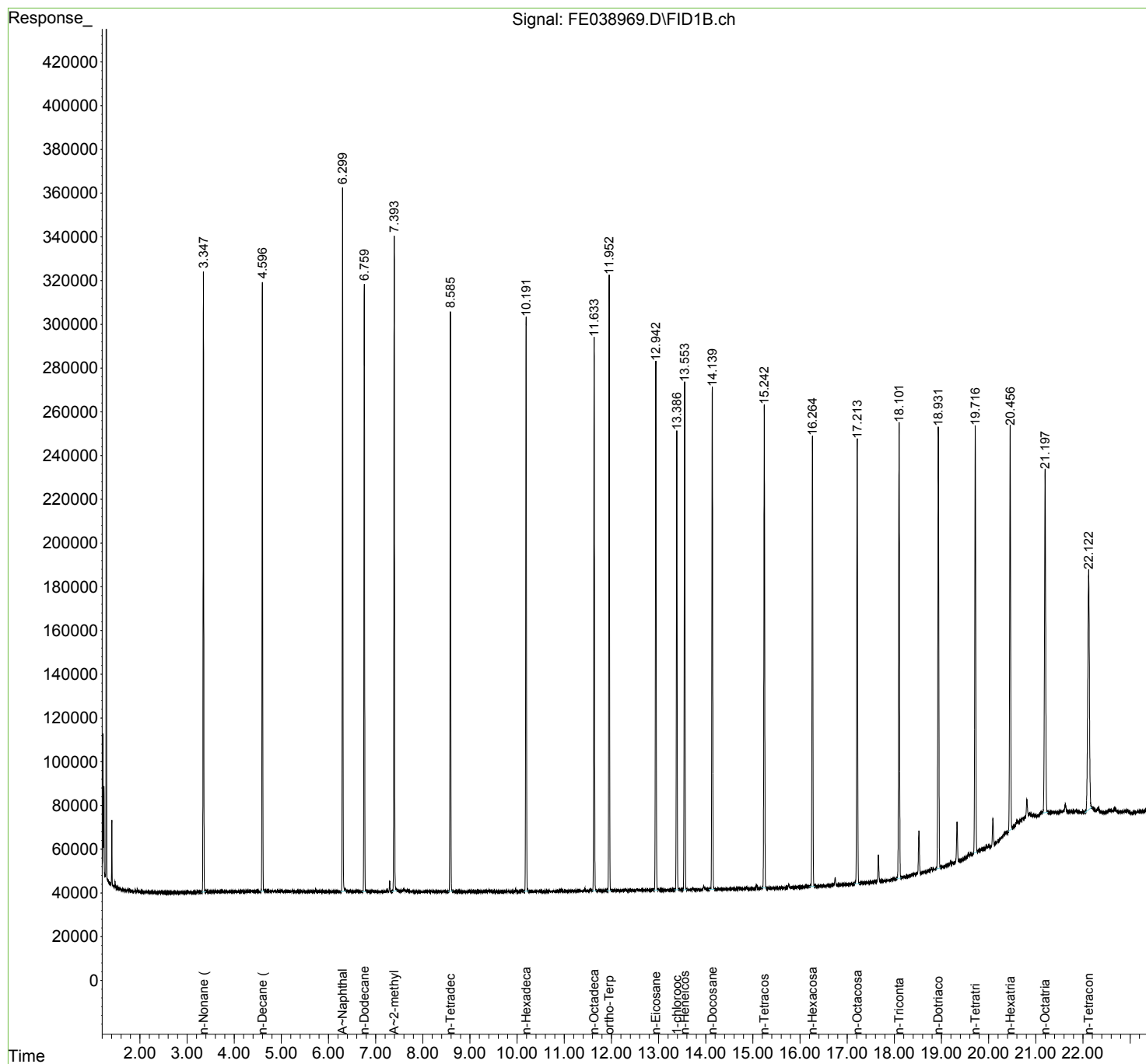
Instrument :
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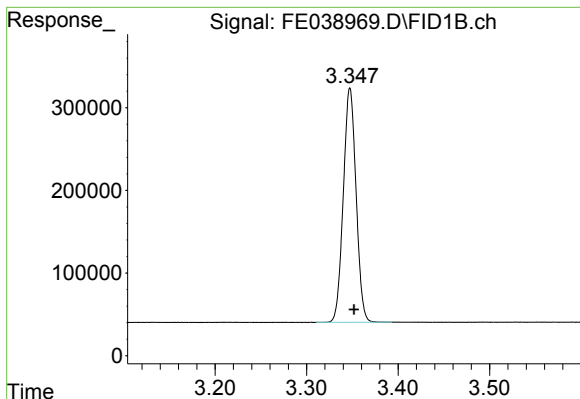
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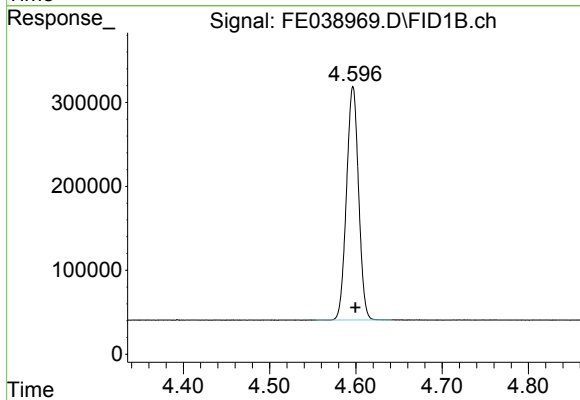
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.005 min
Response: 2745157
Conc: 19.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

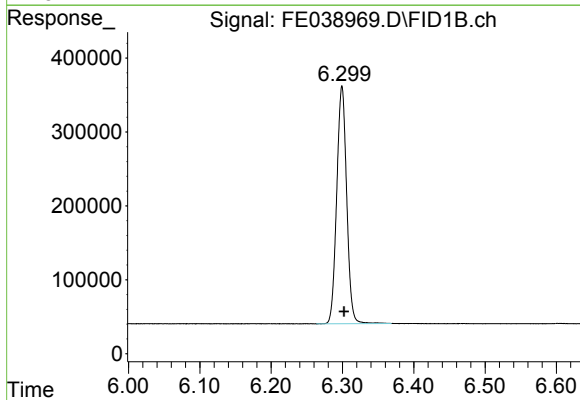
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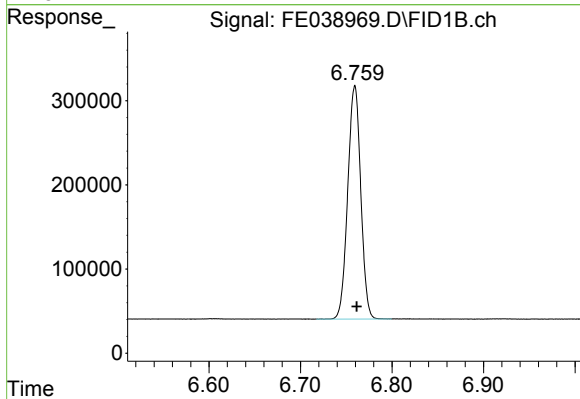
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 2706908
Conc: 19.42 ug/ml



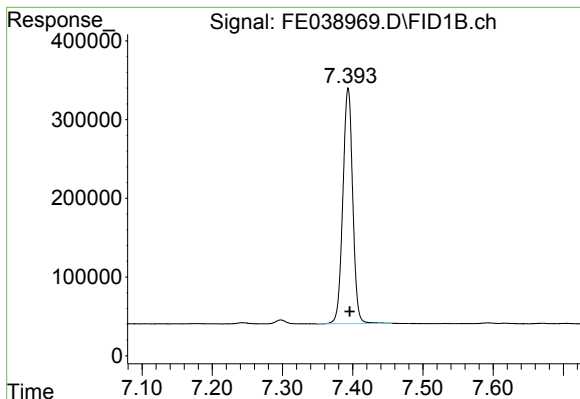
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 3115442
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 2736025
Conc: 19.41 ug/ml



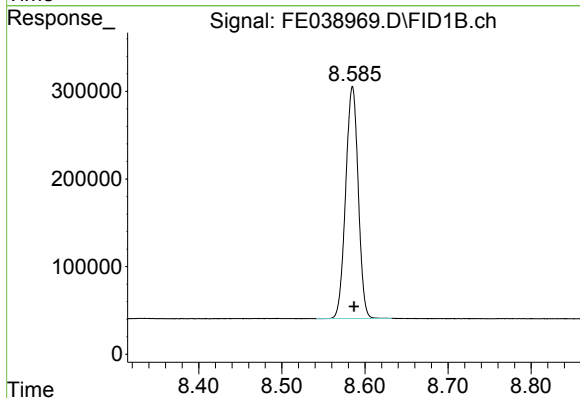
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 2918405
Conc: 19.50 ug/ml

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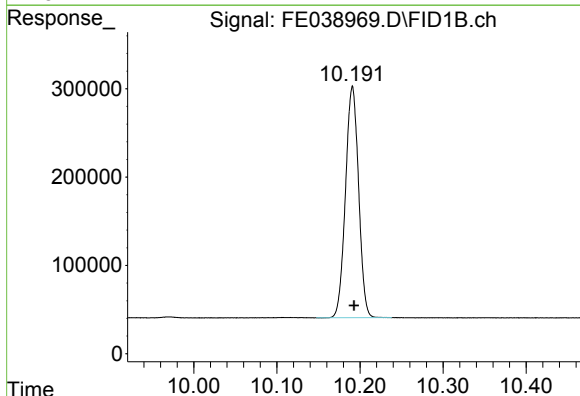
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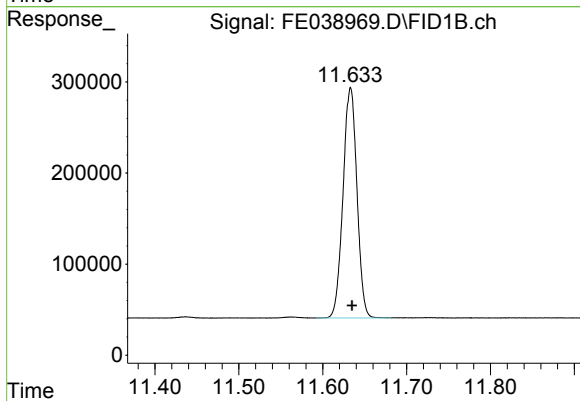
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2783705
Conc: 19.49 ug/ml



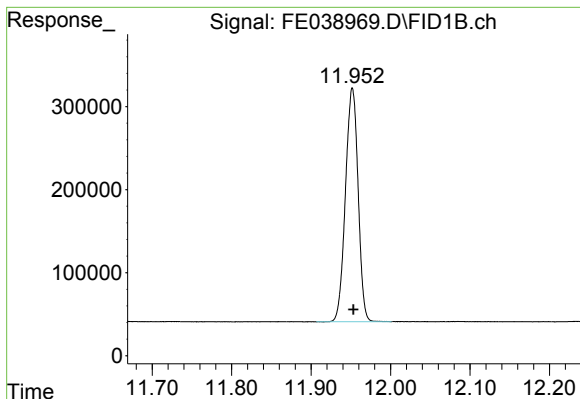
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.002 min
Response: 2871101
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2916433
Conc: 19.82 ug/ml



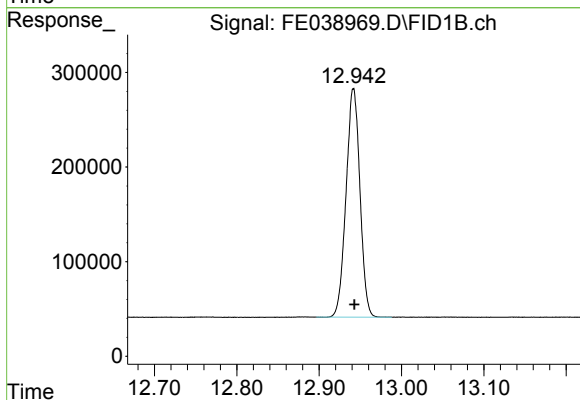
#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.001 min
Response: 3113757
Conc: 19.90 ug/ml

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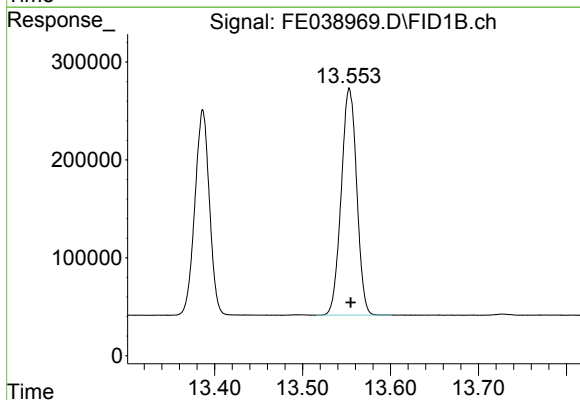
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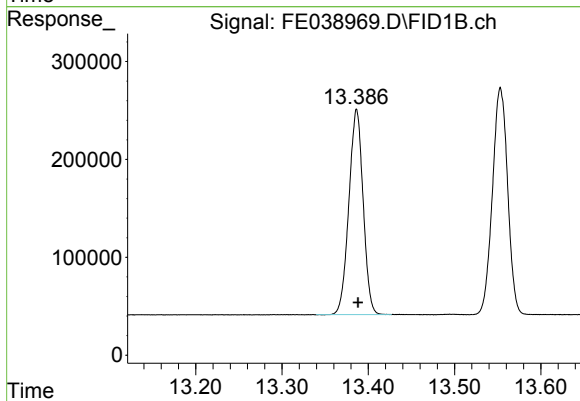
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.001 min
Response: 2832360
Conc: 19.95 ug/ml



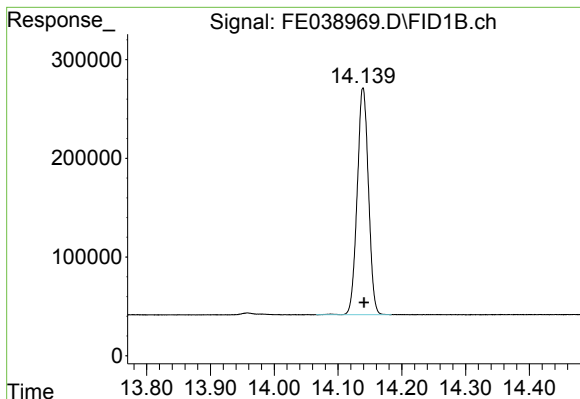
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2839656
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: -0.001 min
Response: 2408142
Conc: 19.94 ug/ml



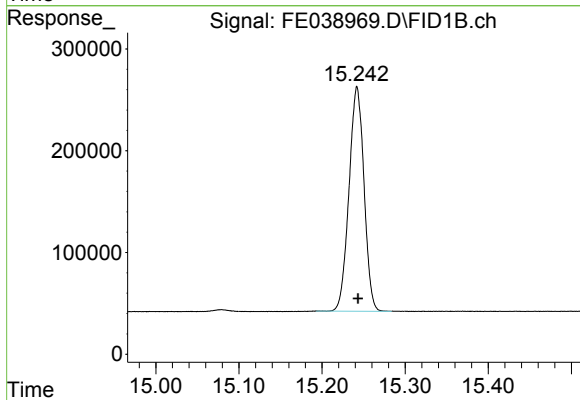
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2814210
Conc: 20.13 ug/ml

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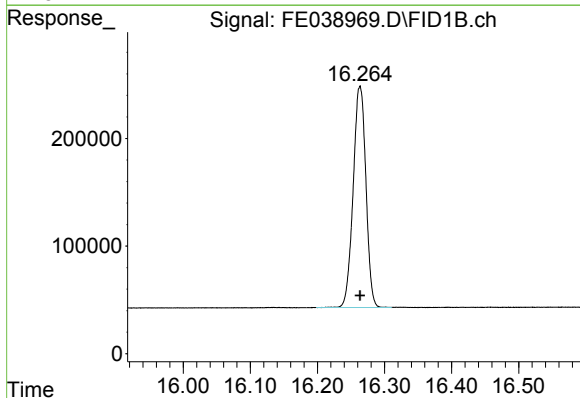
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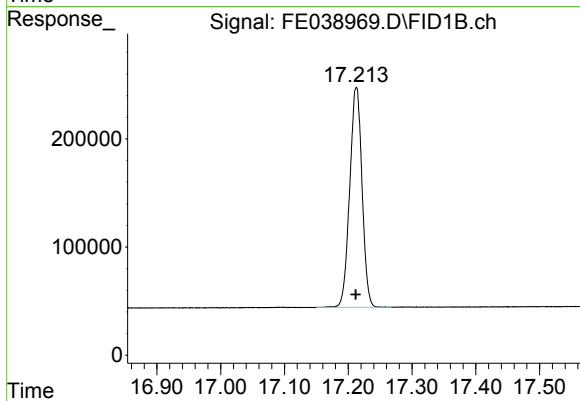
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.001 min
Response: 2770683
Conc: 20.06 ug/ml



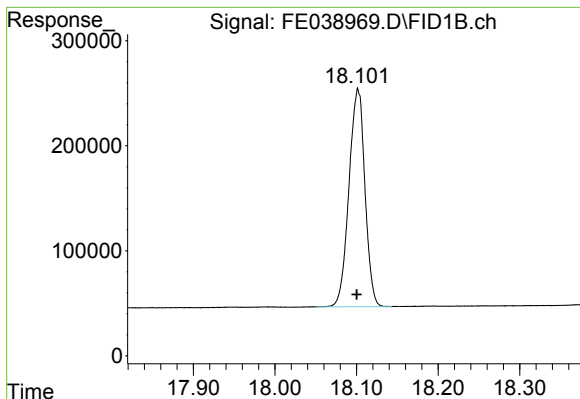
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 2710929
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.000 min
Response: 2732958
Conc: 20.58 ug/ml



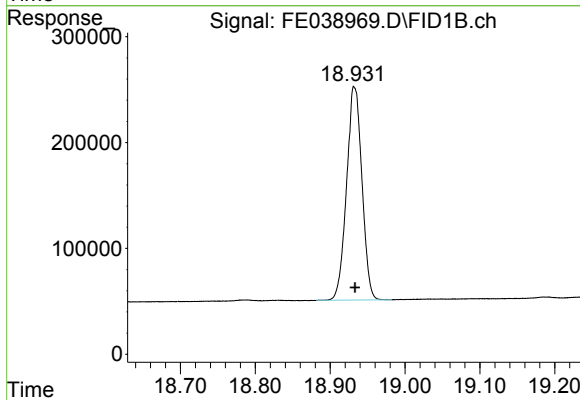
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.002 min
Response: 2819510
Conc: 21.35 ug/ml

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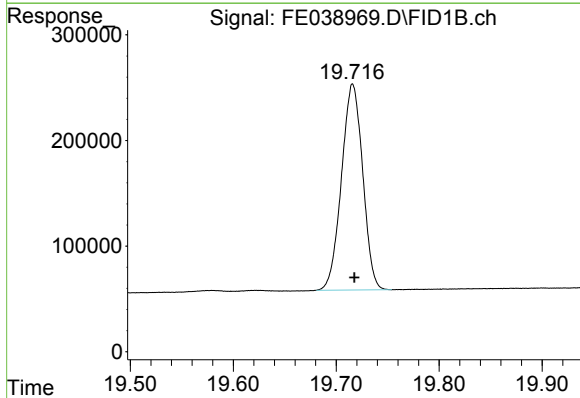
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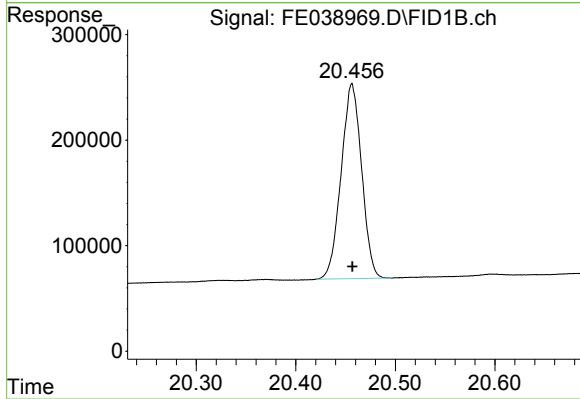
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 2878304
Conc: 21.58 ug/ml



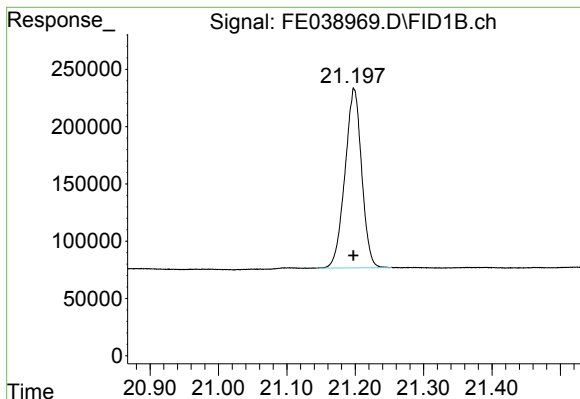
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.002 min
Response: 2796151
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: 0.000 min
Response: 2640575
Conc: 20.55 ug/ml



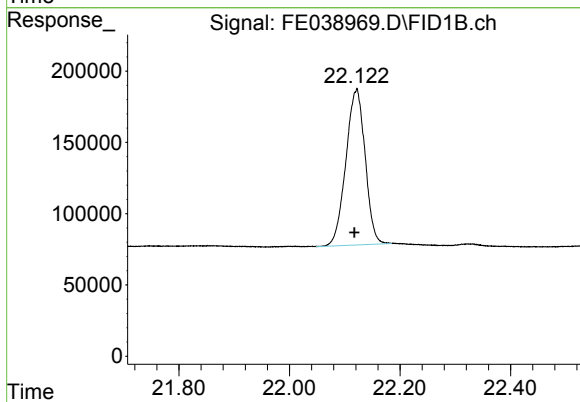
#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 2653756
Conc: 20.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.004 min
Response: 2640109
Conc: 19.39 ug/ml m