

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101422AL\
 Data File : FE038180.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2022 05:58
 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 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: sample.E
 Quant Time: Oct 15 17:04:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	3005567	17.377 ug/ml
Spiked Amount 50.000		Recovery =	34.75%
12) S 1-chlorooctadecane (S...	13.023	2357349	17.441 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
Target Compounds			
1) T n-Nonane (C9)	2.994	2776011	18.848 ug/ml
2) T n-Decane (C10)	4.252	2884932	19.513 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2737475	19.990 ug/ml
4) T n-Dodecane (C12)	6.425	2955159	19.393 ug/ml
5) T A~2-methylnaphthalene...	7.067	2700528	20.319 ug/ml
6) T n-Tetradecane (C14)	8.245	2954203	19.302 ug/ml
7) T n-Hexadecane (C16)	9.843	2956977	18.931 ug/ml
8) T n-Octadecane (C18)	11.278	2943313	18.350 ug/ml
10) T n-Eicosane (C20)	12.580	2884551	17.689 ug/ml
11) T n-Heneicosane (C21)	13.189	2837884	17.224 ug/ml
13) T n-Docosane (C22)	13.771	2882411	17.510 ug/ml
14) T n-Tetracosane (C24)	14.868	2832297	17.270 ug/ml
15) T n-Hexacosane (C26)	15.884	2787077	17.092 ug/ml
16) T n-Octacosane (C28)	16.829	2837579	17.713 ug/ml
17) T n-Tricontane (C30)	17.713	3009468	18.806 ug/ml
18) T n-Dotriacontane (C32)	18.542	3068254	19.485 ug/ml
19) T n-Tetratriacontane (C34)	19.321	2913326	19.664 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2955563	20.501 ug/ml
21) T n-Octatriacontane (C38)	20.755	3044857	22.438 ug/ml
22) T n-Tetracontane (C40)	21.523	3134822	24.626 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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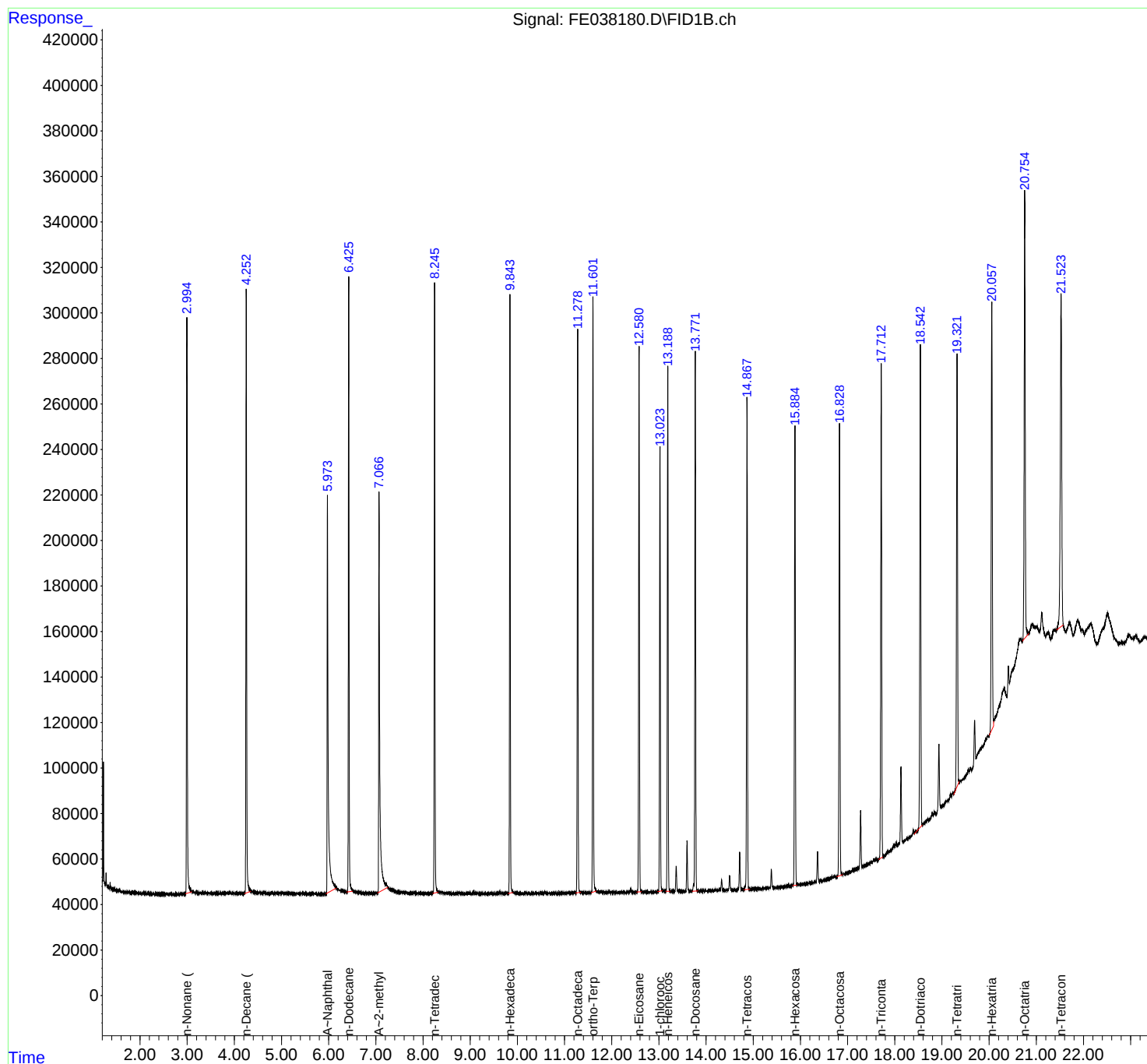
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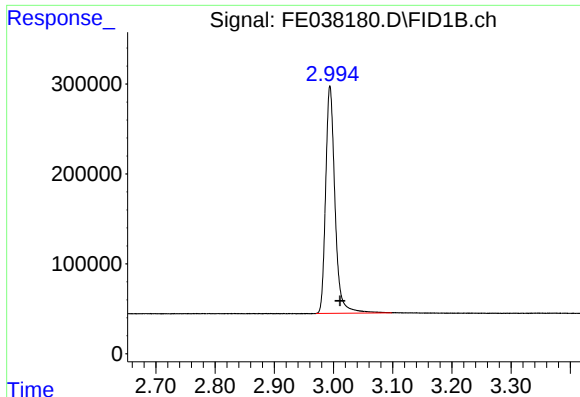
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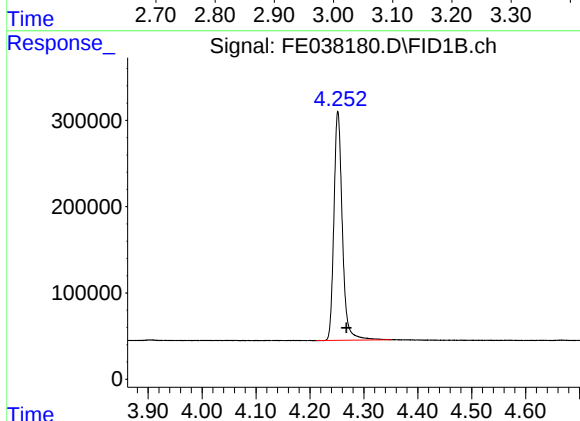
#1 n-Nonane (C9)

R.T.: 2.994 min
Delta R.T.: -0.017 min
Response: 2776011
Conc: 18.85 ug/ml

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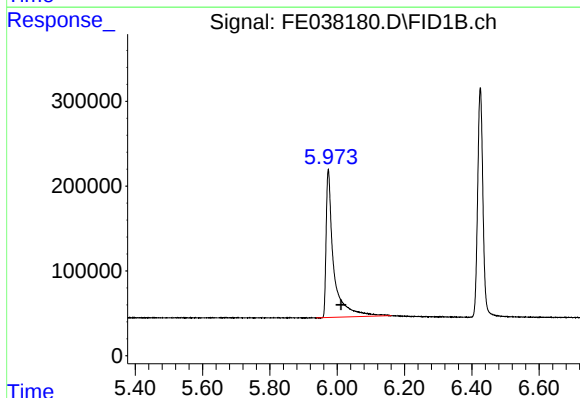
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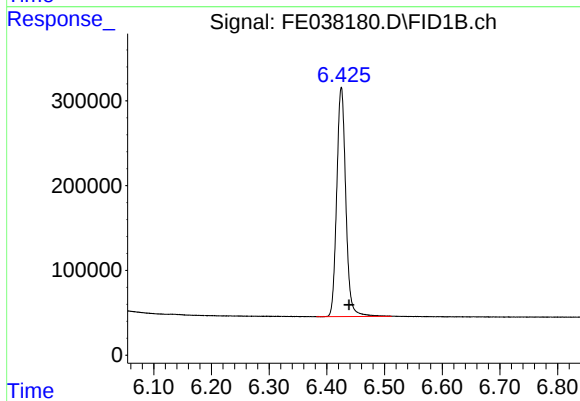
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: -0.016 min
Response: 2884932
Conc: 19.51 ug/ml



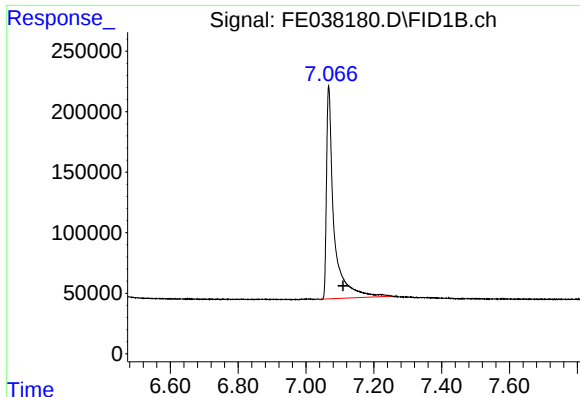
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.037 min
Response: 2737475
Conc: 19.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.013 min
Response: 2955159
Conc: 19.39 ug/ml



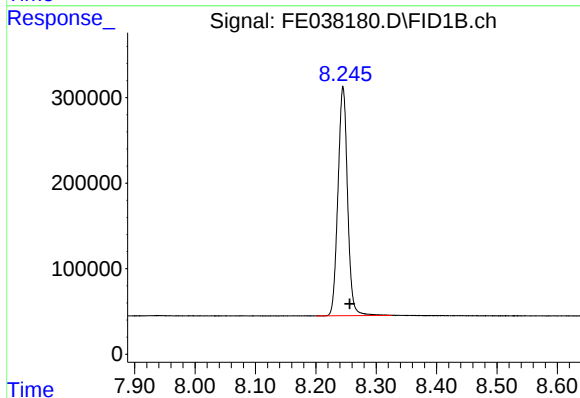
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.067 min
Delta R.T.: -0.043 min
Response: 2700528
Conc: 20.32 ug/ml

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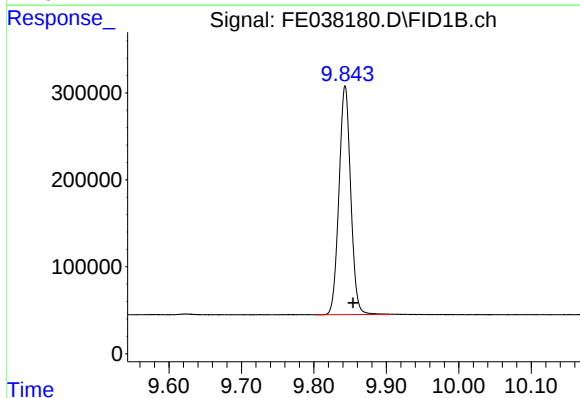
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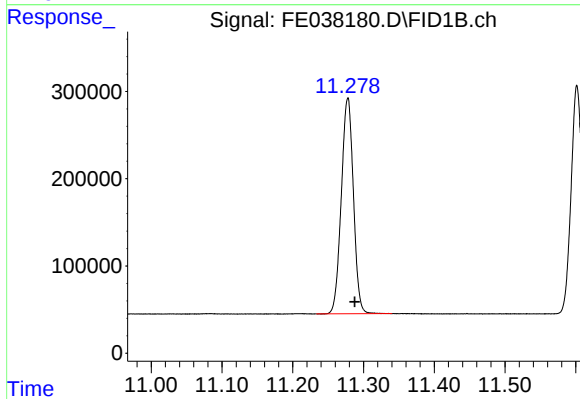
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 2954203
Conc: 19.30 ug/ml



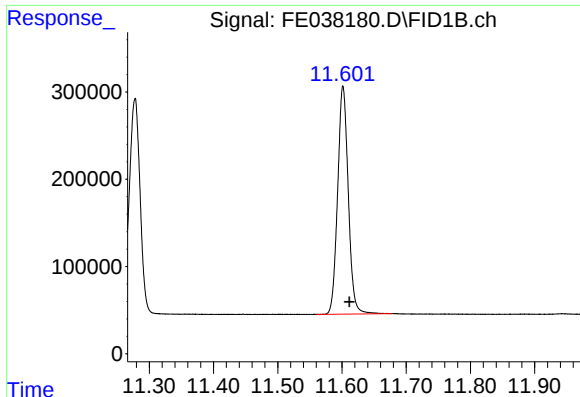
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 2956977
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: -0.010 min
Response: 2943313
Conc: 18.35 ug/ml



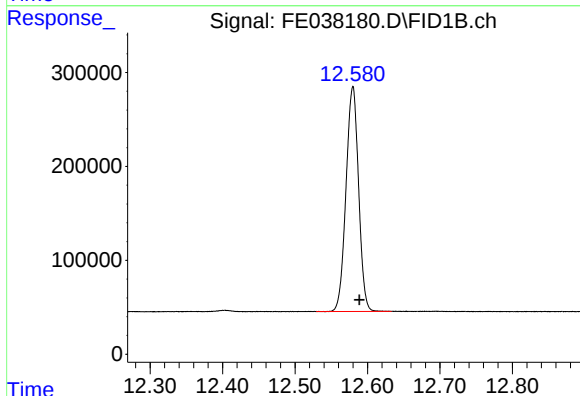
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.010 min
Response: 3005567
Conc: 17.38 ug/ml

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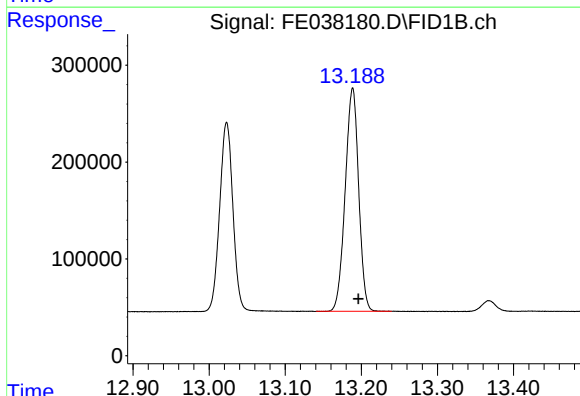
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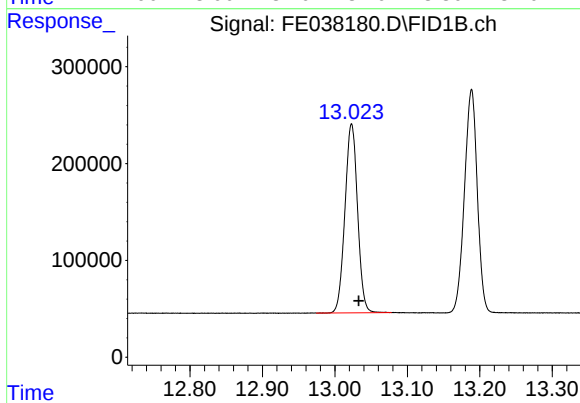
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.009 min
Response: 2884551
Conc: 17.69 ug/ml



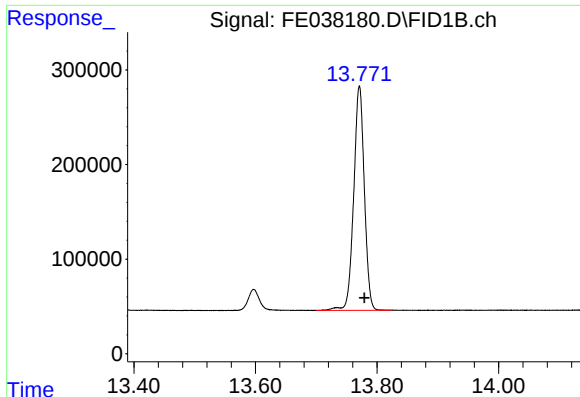
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.008 min
Response: 2837884
Conc: 17.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.010 min
Response: 2357349
Conc: 17.44 ug/ml



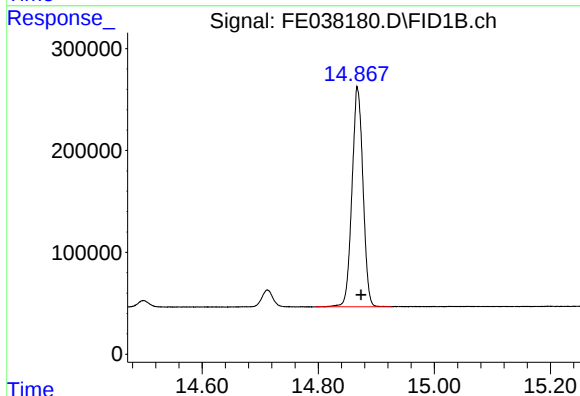
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: -0.008 min
Response: 2882411
Conc: 17.51 ug/ml

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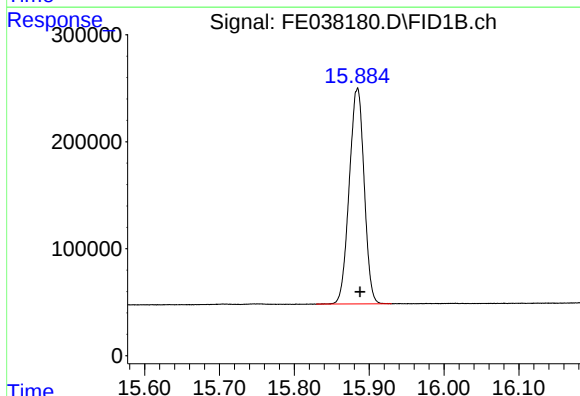
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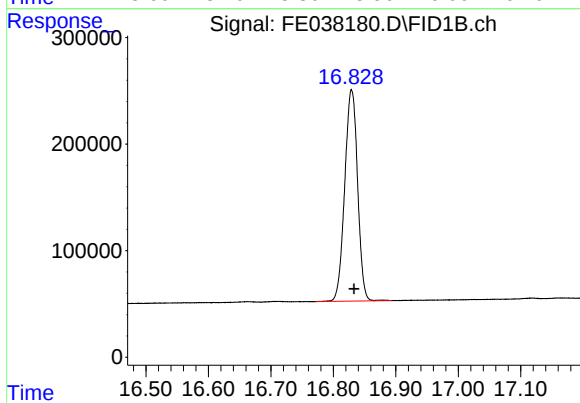
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: -0.006 min
Response: 2832297
Conc: 17.27 ug/ml



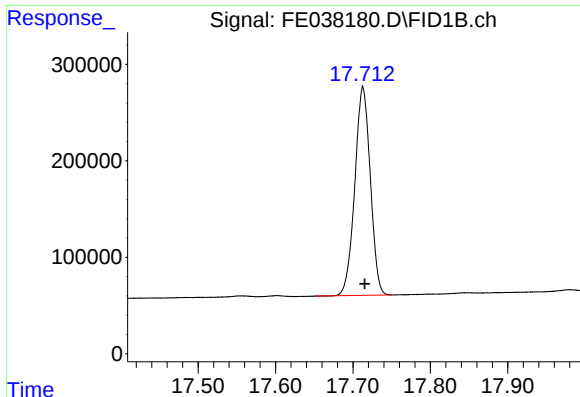
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.004 min
Response: 2787077
Conc: 17.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.004 min
Response: 2837579
Conc: 17.71 ug/ml



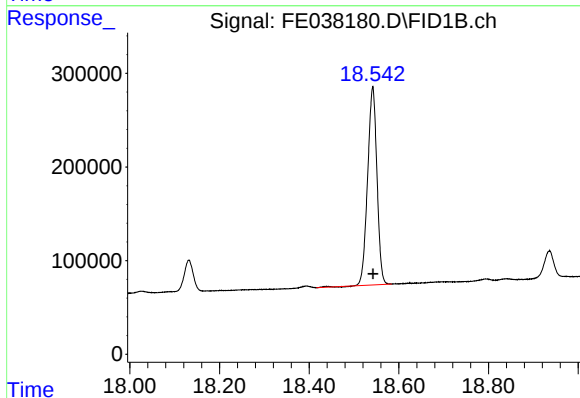
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.002 min
Response: 3009468
Conc: 18.81 ug/ml

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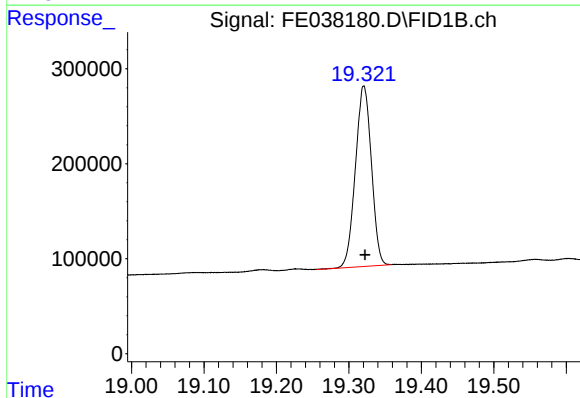
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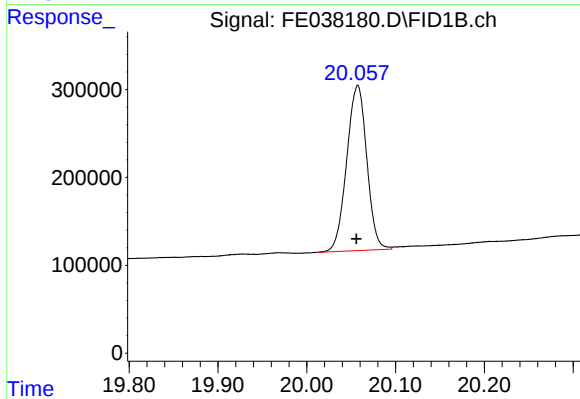
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 3068254
Conc: 19.48 ug/ml



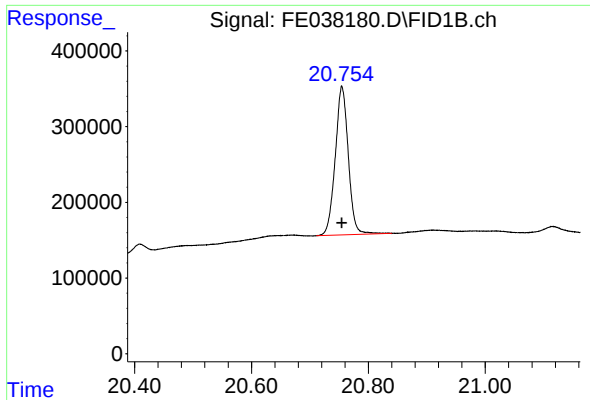
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.002 min
Response: 2913326
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: 0.002 min
Response: 2955563
Conc: 20.50 ug/ml



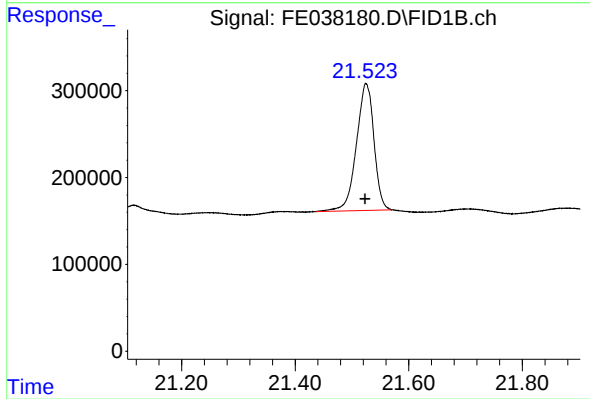
#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.000 min
Response: 3044857
Conc: 22.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.523 min
Delta R.T.: 0.000 min
Response: 3134822
Conc: 24.63 ug/ml m