

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038716.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 17:15
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:46:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.962	3156709	18.345 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.395	2481605	18.127 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.357	3000396	19.482 ug/ml
2) T n-Decane (C10)	4.606	3062310	19.729 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3285690	19.401 ug/ml
4) T n-Dodecane (C12)	6.769	3066758	19.631 ug/ml
5) T A~2-methylnaphthalene...	7.404	3217190	19.197 ug/ml
6) T n-Tetradecane (C14)	8.595	3045065	19.471 ug/ml
7) T n-Hexadecane (C16)	10.201	3033645	19.202 ug/ml
8) T n-Octadecane (C18)	11.643	3009759	18.790 ug/ml
10) T n-Eicosane (C20)	12.951	2946639	18.288 ug/ml
11) T n-Heneicosane (C21)	13.562	2917526	18.061 ug/ml
13) T n-Docosane (C22)	14.148	2906360	18.003 ug/ml
14) T n-Tetracosane (C24)	15.250	2886375	17.995 ug/ml
15) T n-Hexacosane (C26)	16.270	2842395	17.895 ug/ml
16) T n-Octacosane (C28)	17.219	2907657	18.533 ug/ml
17) T n-Tricontane (C30)	18.105	3173504	19.889 ug/mlm
18) T n-Dotriacontane (C32)	18.940	3313886	21.018 ug/ml
19) T n-Tetratriacontane (C34)	19.723	3140972	21.306 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	3100066	21.696 ug/ml
21) T n-Octatriacontane (C38)	21.203	3041291	22.517 ug/ml
22) T n-Tetracontane (C40)	22.132	2908706	23.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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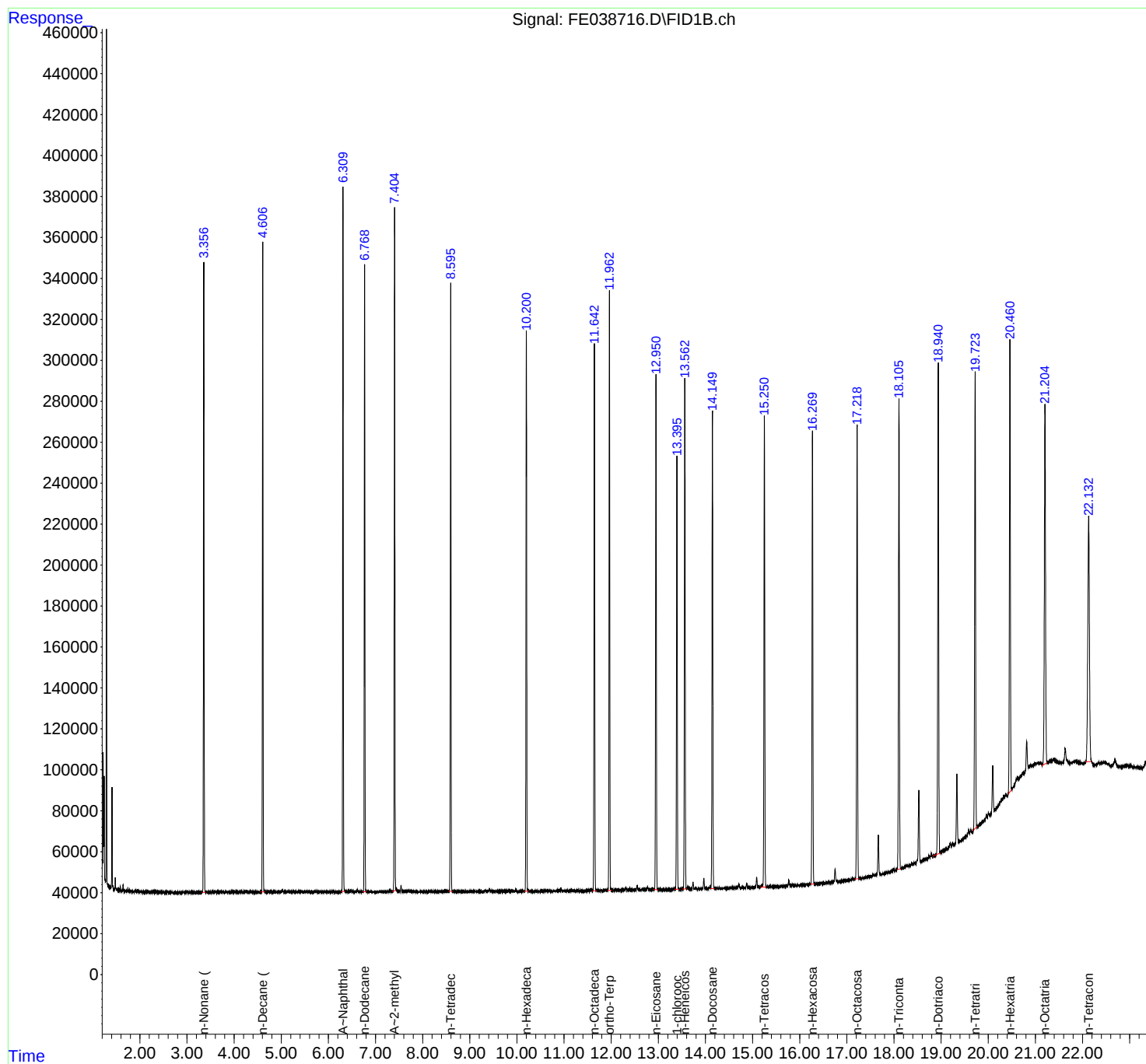
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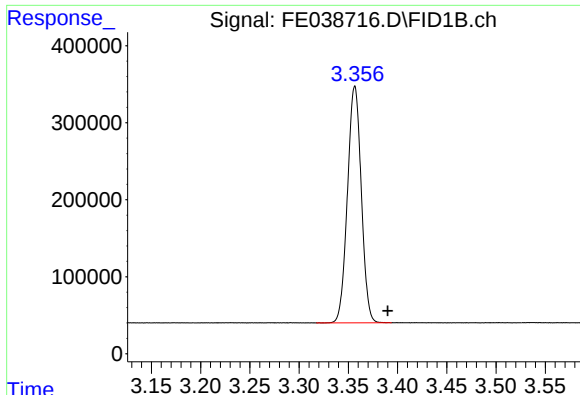
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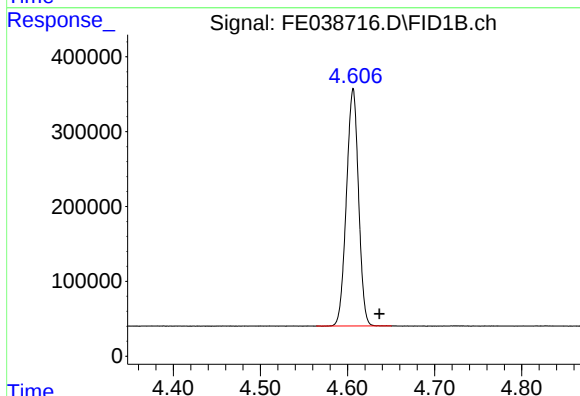
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.033 min
Response: 3000396
Conc: 19.48 ug/ml

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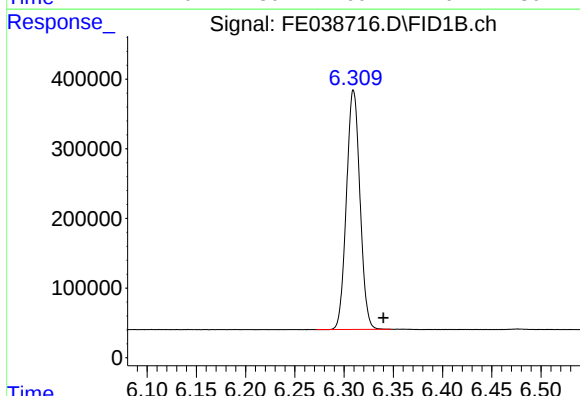
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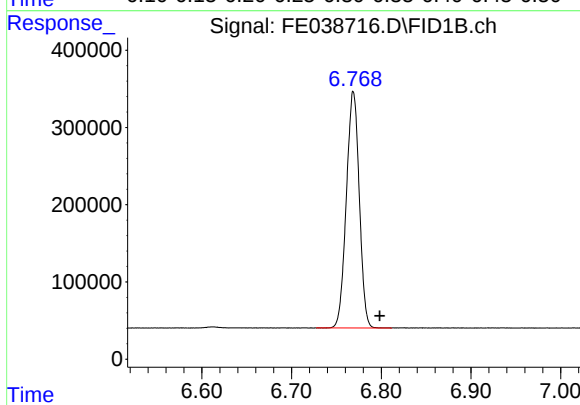
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.030 min
Response: 3062310
Conc: 19.73 ug/ml



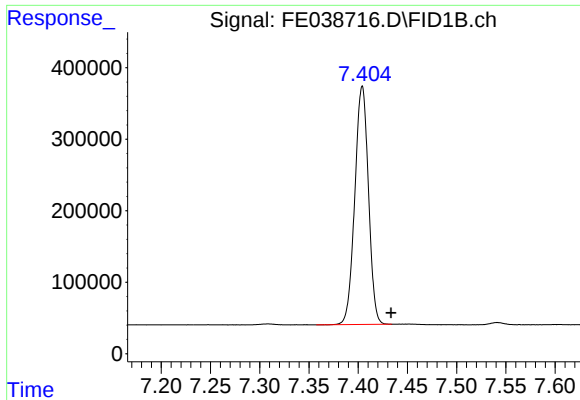
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 3285690
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.029 min
Response: 3066758
Conc: 19.63 ug/ml



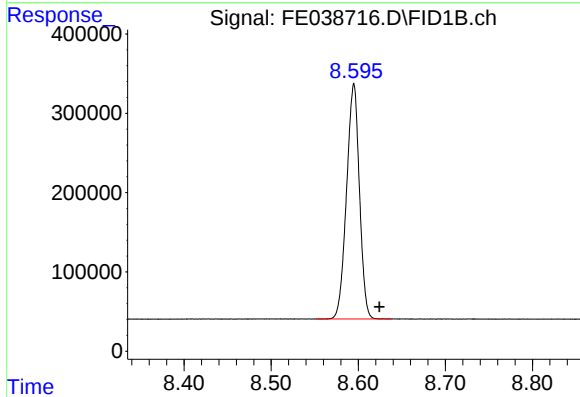
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: -0.029 min
Response: 3217190
Conc: 19.20 ug/ml

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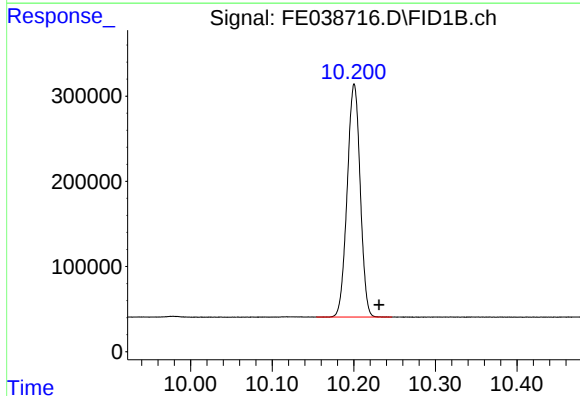
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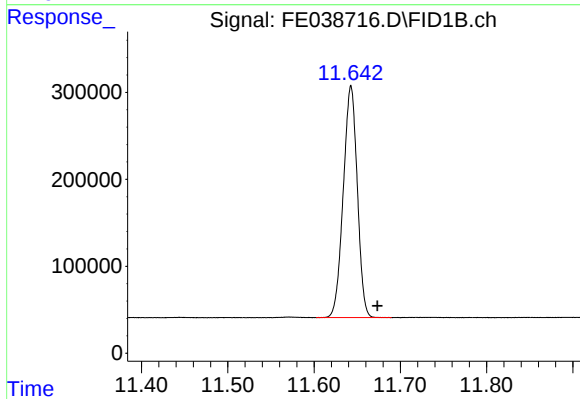
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.029 min
Response: 3045065
Conc: 19.47 ug/ml



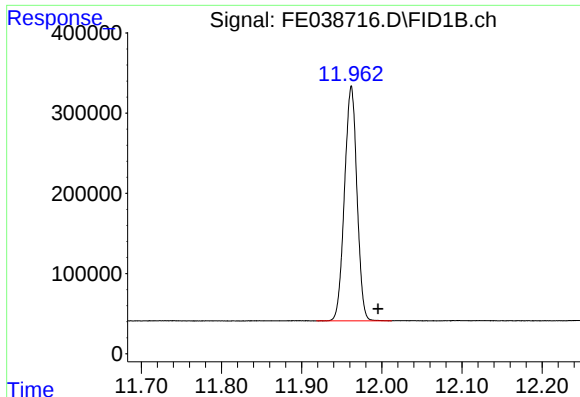
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 3033645
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.031 min
Response: 3009759
Conc: 18.79 ug/ml



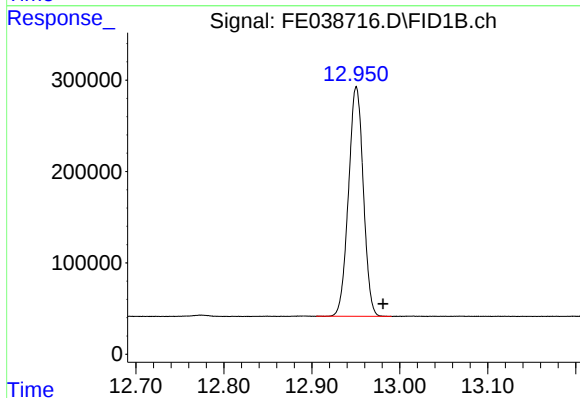
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.034 min
Response: 3156709
Conc: 18.35 ug/ml

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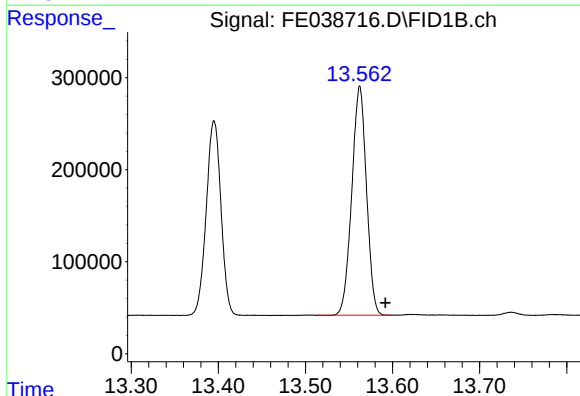
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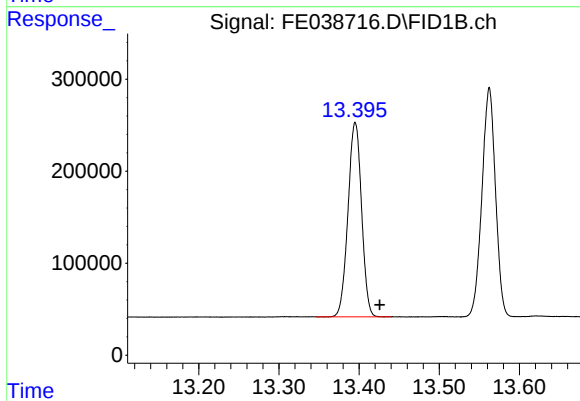
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.031 min
Response: 2946639
Conc: 18.29 ug/ml



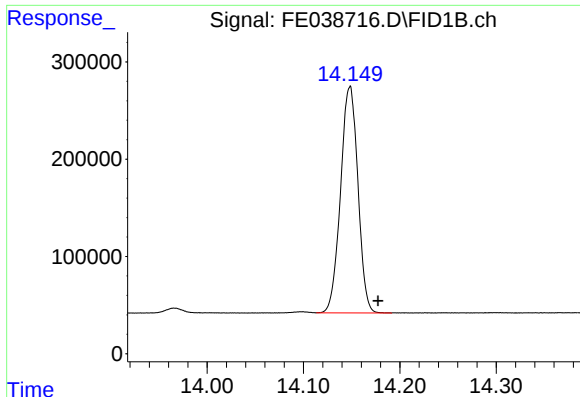
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 2917526
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.030 min
Response: 2481605
Conc: 18.13 ug/ml



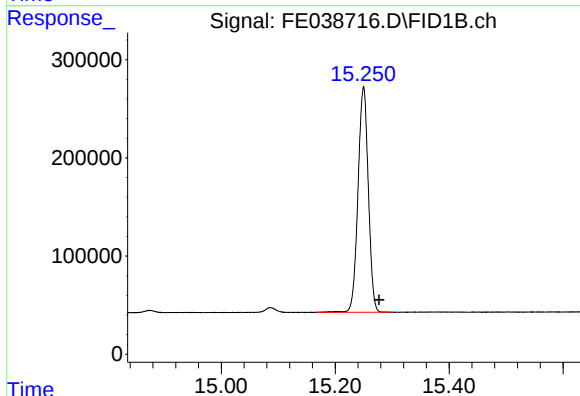
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.029 min
Response: 2906360
Conc: 18.00 ug/ml

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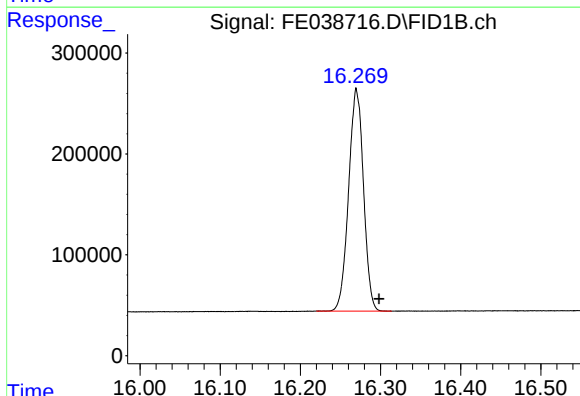
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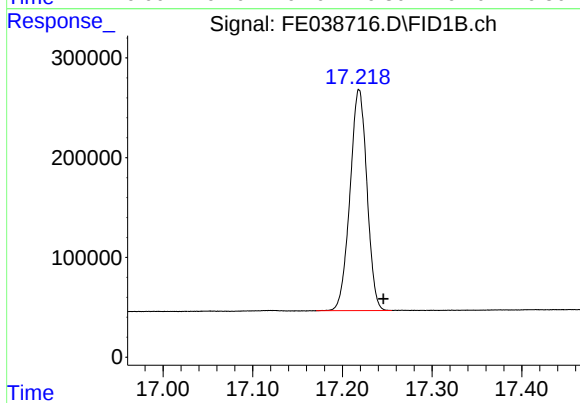
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.027 min
Response: 2886375
Conc: 18.00 ug/ml



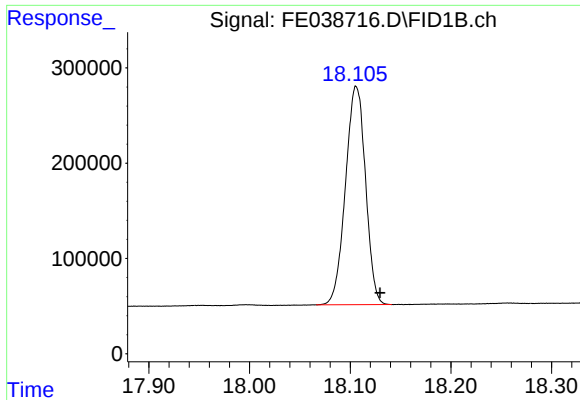
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.028 min
Response: 2842395
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.027 min
Response: 2907657
Conc: 18.53 ug/ml



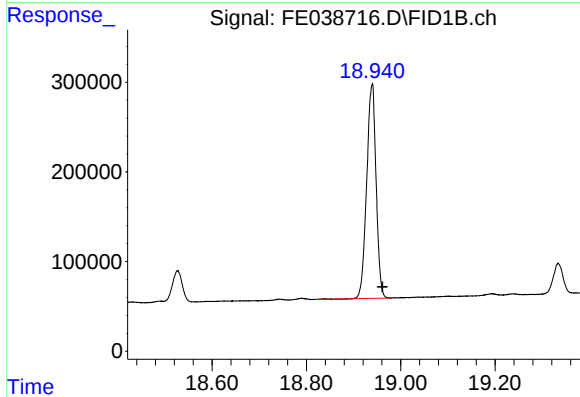
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: -0.025 min
Response: 3173504
Conc: 19.89 ug/ml

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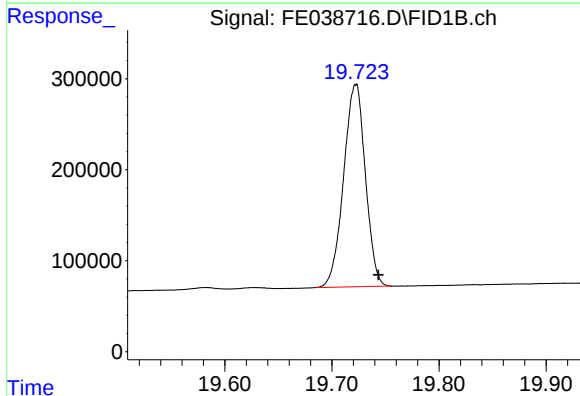
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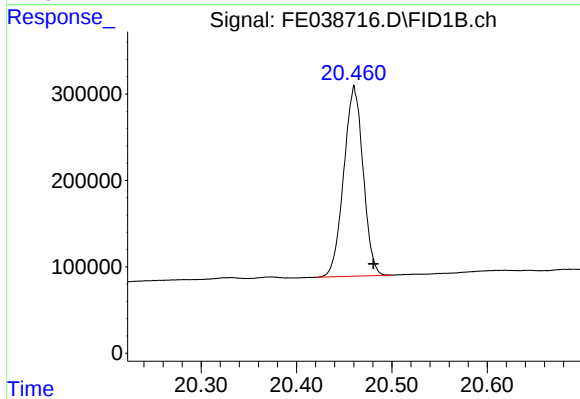
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.022 min
Response: 3313886
Conc: 21.02 ug/ml



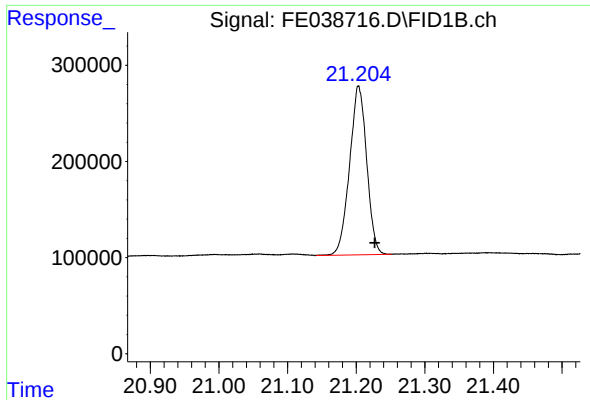
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.020 min
Response: 3140972
Conc: 21.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.020 min
Response: 3100066
Conc: 21.70 ug/ml



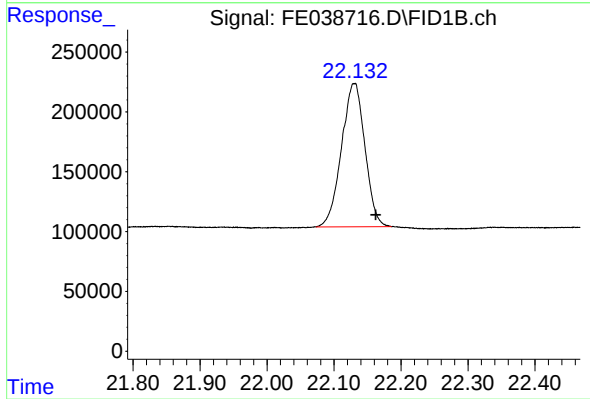
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 3041291
Conc: 22.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.030 min
Response: 2908706
Conc: 23.04 ug/ml m