

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037785.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2022 14:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: autoint1.e
 Quant Time: Sep 27 01:29:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.621	3165608	18.732 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	13.045	2415848	18.771 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.012	2909224	19.014 ug/mlm
2) T n-Decane (C10)	4.272	2996141	19.433 ug/ml
3) T A~Naphthalene (C11.7)	5.989	2936541	20.383 ug/ml
4) T n-Dodecane (C12)	6.445	3067909	19.401 ug/ml
5) T A~2-methylnaphthalene...	7.082	2815067	20.163 ug/ml
6) T n-Tetradecane (C14)	9.864	3077594	19.423 ug/ml
7) T n-Hexadecane (C16)	9.864	3077594	19.423 ug/ml
8) T n-Octadecane (C18)	11.299	3049071	19.147 ug/ml
10) T n-Eicosane (C20)	12.601	2980962	18.840 ug/ml
11) T n-Heneicosane (C21)	13.211	2938598	18.635 ug/ml
13) T n-Docosane (C22)	13.793	2893272	18.586 ug/ml
14) T n-Tetracosane (C24)	14.890	2816753	18.728 ug/ml
15) T n-Hexacosane (C26)	15.906	2741199	18.930 ug/ml
16) T n-Octacosane (C28)	16.851	2706536	19.536 ug/ml
17) T n-Tricontane (C30)	17.733	2808642	20.647 ug/ml
18) T n-Dotriacontane (C32)	18.562	2856727	21.393 ug/ml
19) T n-Tetratriacontane (C34)	19.342	2702222	21.357 ug/mlm
20) T n-Hexatriacontane (C36)	20.078	2721089	21.157 ug/ml
21) T n-Octatriacontane (C38)	20.777	2467909	19.829 ug/ml
22) T n-Tetracontane (C40)	21.551	2467785	19.143 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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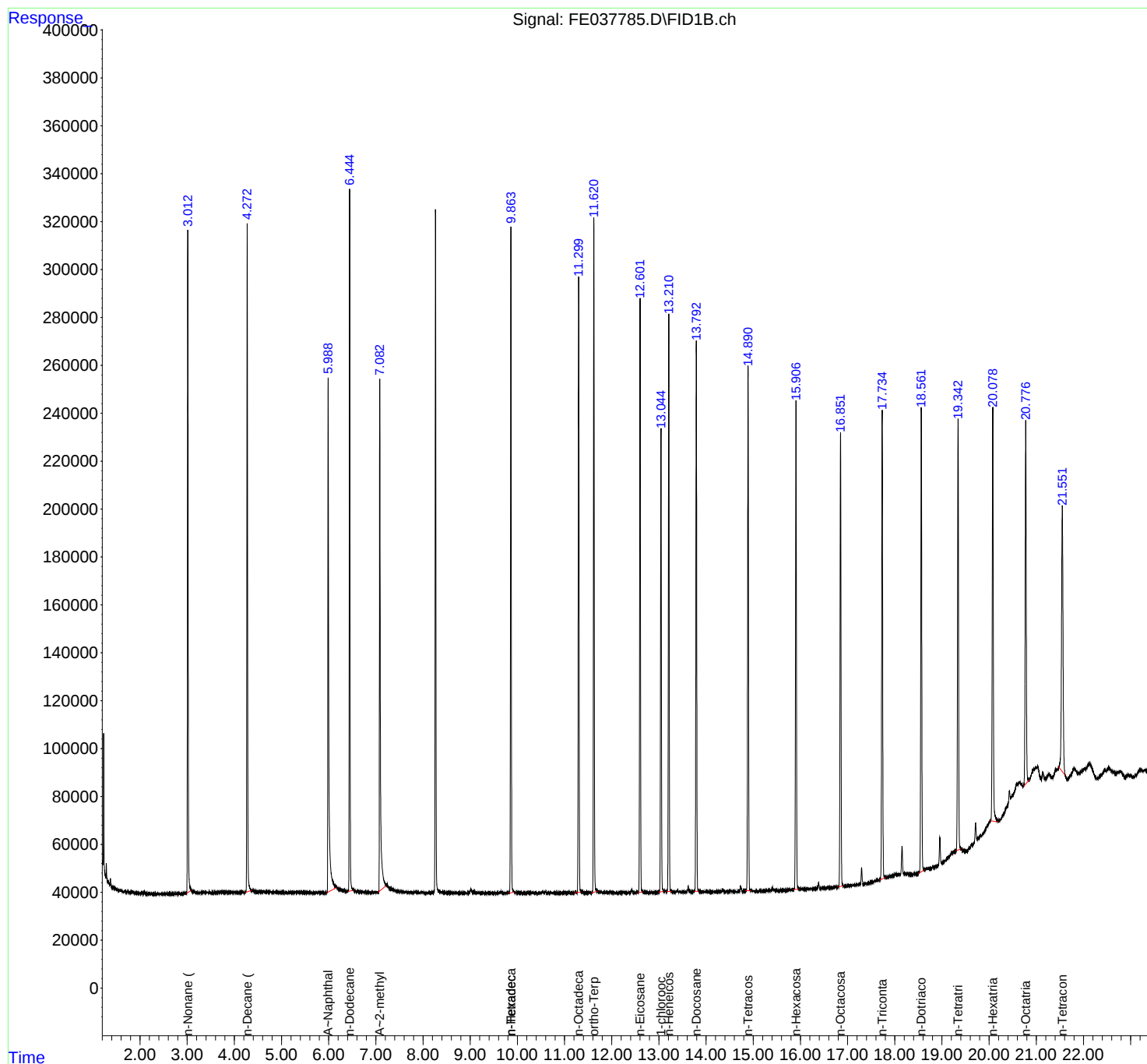
Instrument :
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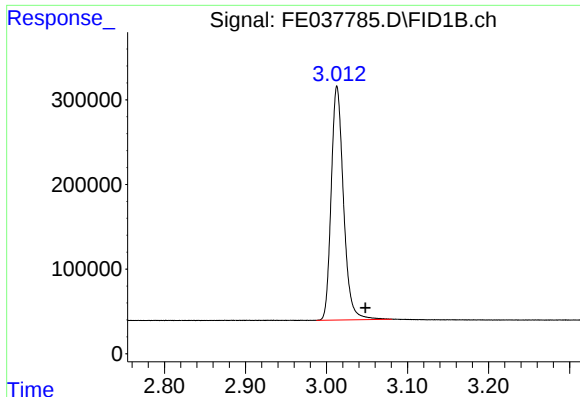
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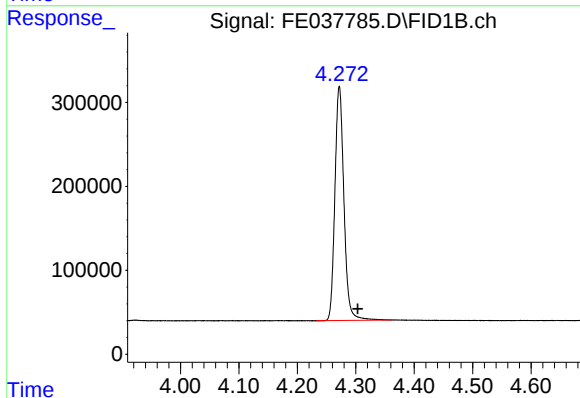
#1 n-Nonane (C9)

R.T.: 3.012 min
Delta R.T.: -0.036 min
Response: 2909224
Conc: 19.01 ug/ml

Instrument :
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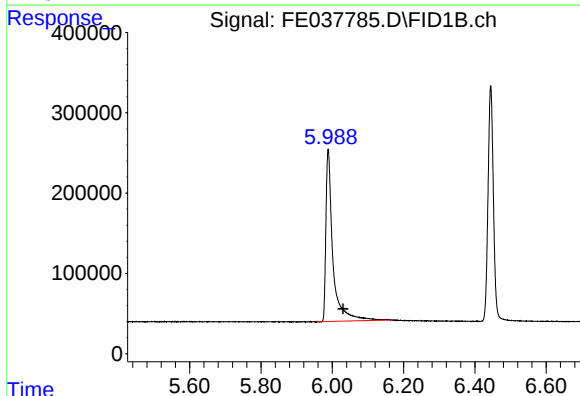
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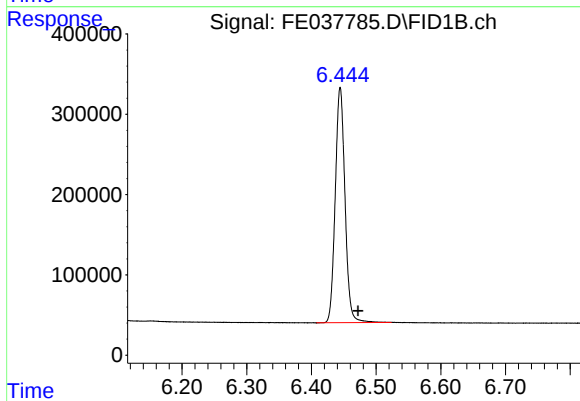
#2 n-Decane (C10)

R.T.: 4.272 min
Delta R.T.: -0.031 min
Response: 2996141
Conc: 19.43 ug/ml



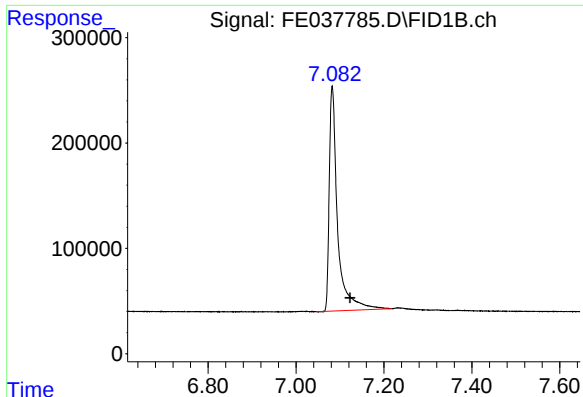
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.042 min
Response: 2936541
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: -0.028 min
Response: 3067909
Conc: 19.40 ug/ml



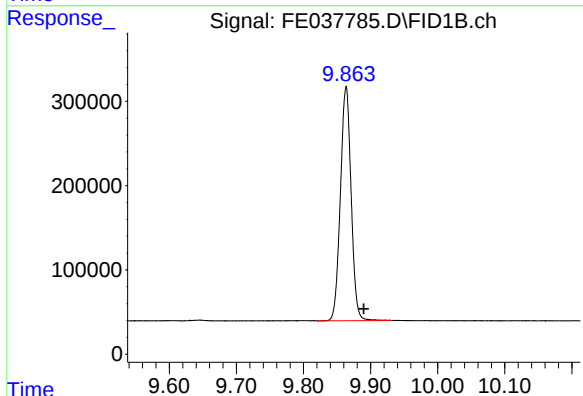
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.082 min
Delta R.T.: -0.041 min
Response: 2815067
Conc: 20.16 ug/ml

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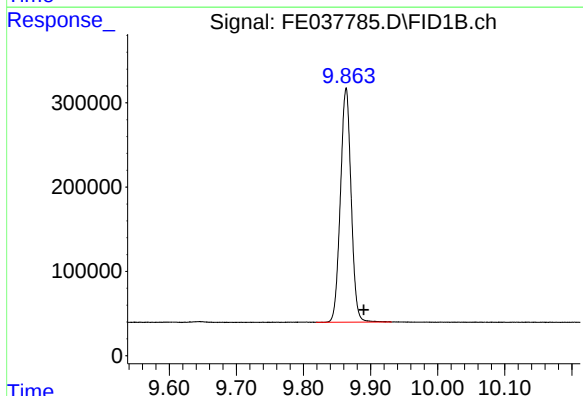
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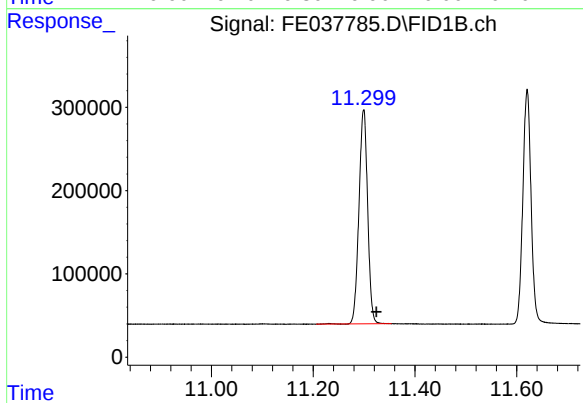
#6 n-Tetradecane (C14)

R.T.: 9.864 min
Delta R.T.: -0.026 min
Response: 3077594
Conc: 19.42 ug/ml



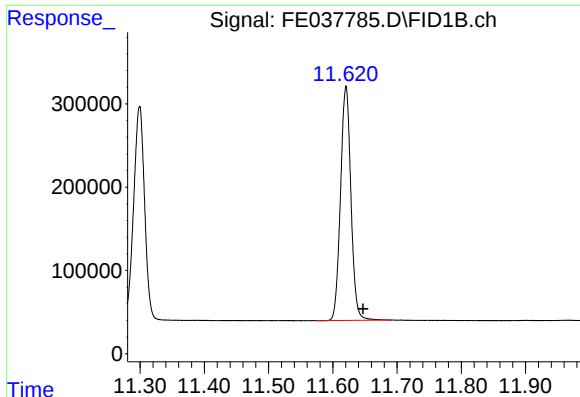
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.026 min
Response: 3077594
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.025 min
Response: 3049071
Conc: 19.15 ug/ml



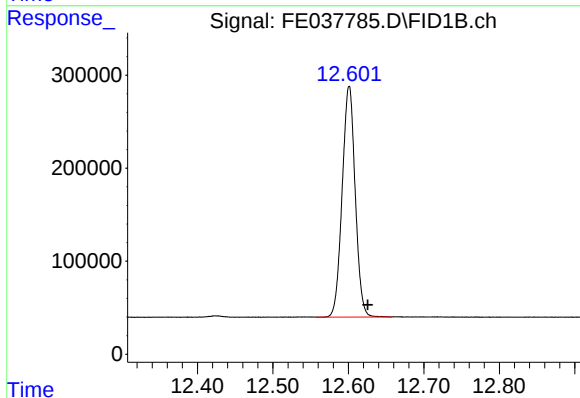
#9 ortho-Terphenyl (SURR)

R.T.: 11.621 min
Delta R.T.: -0.026 min
Response: 3165608
Conc: 18.73 ug/ml

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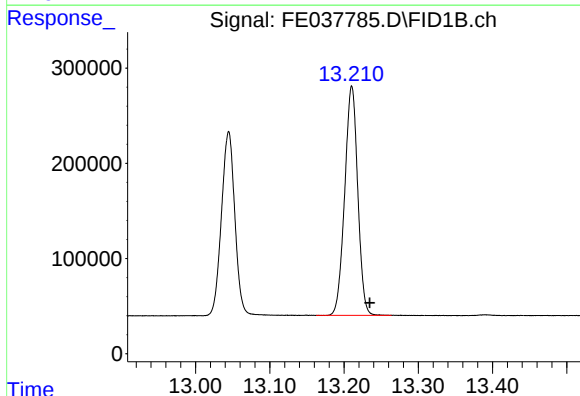
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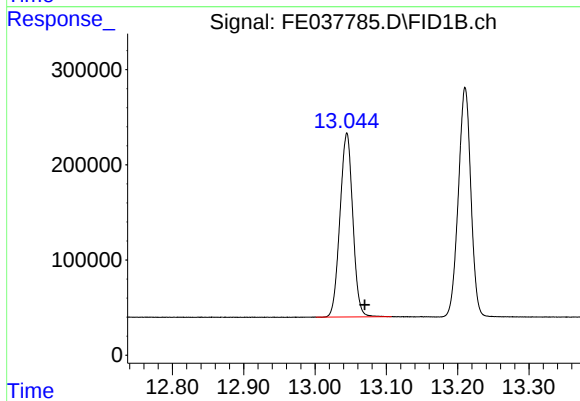
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.024 min
Response: 2980962
Conc: 18.84 ug/ml



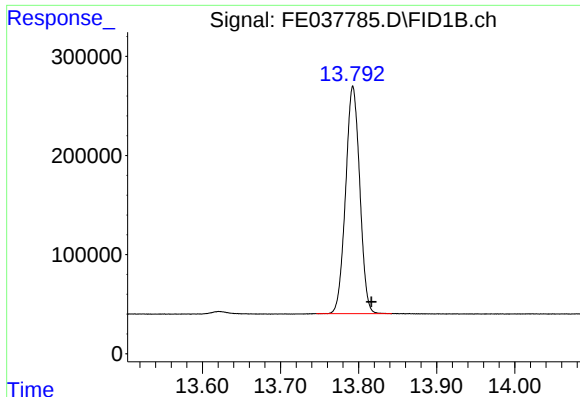
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.024 min
Response: 2938598
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.025 min
Response: 2415848
Conc: 18.77 ug/ml



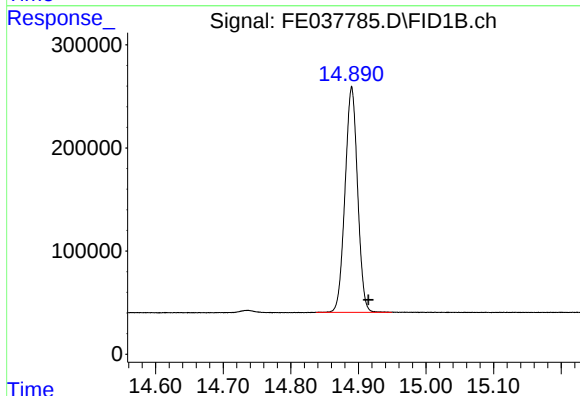
#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.024 min
Response: 2893272
Conc: 18.59 ug/ml

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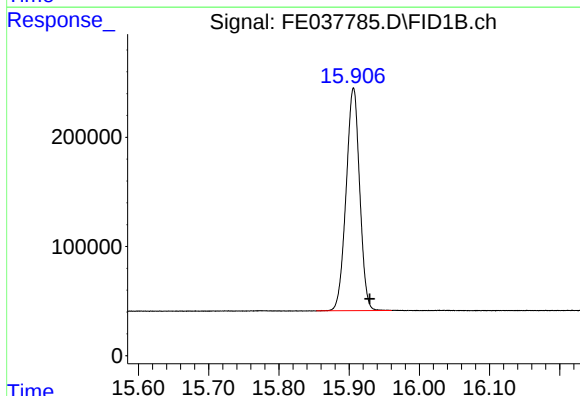
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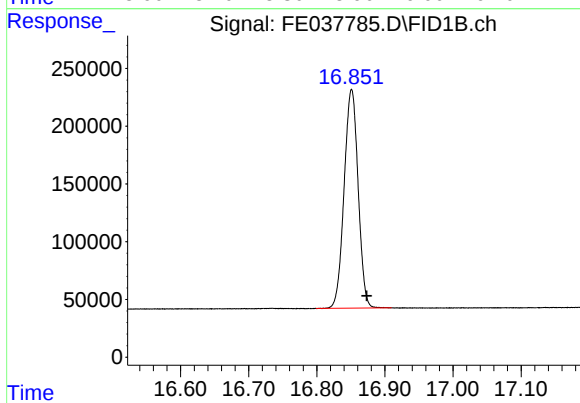
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.025 min
Response: 2816753
Conc: 18.73 ug/ml



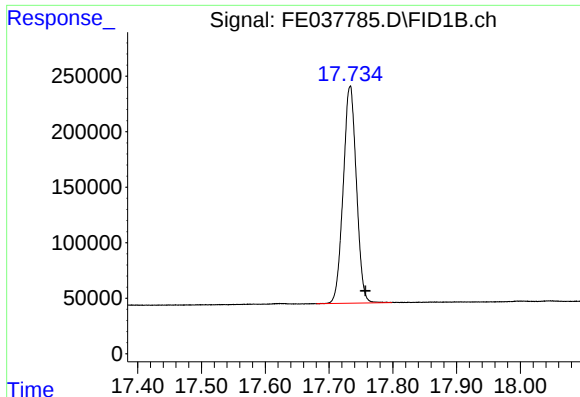
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.023 min
Response: 2741199
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: -0.022 min
Response: 2706536
Conc: 19.54 ug/ml



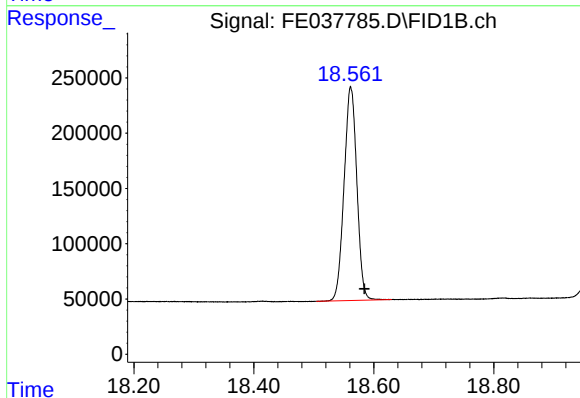
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.024 min
Response: 2808642
Conc: 20.65 ug/ml

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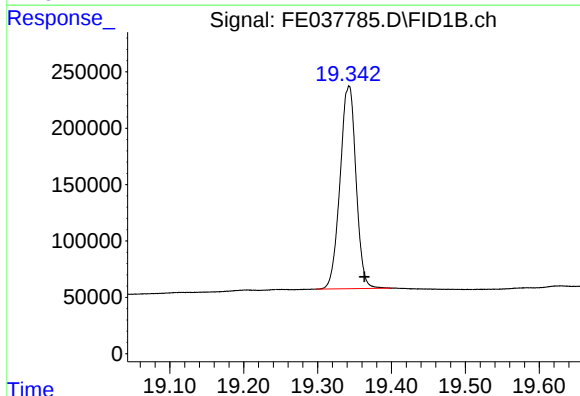
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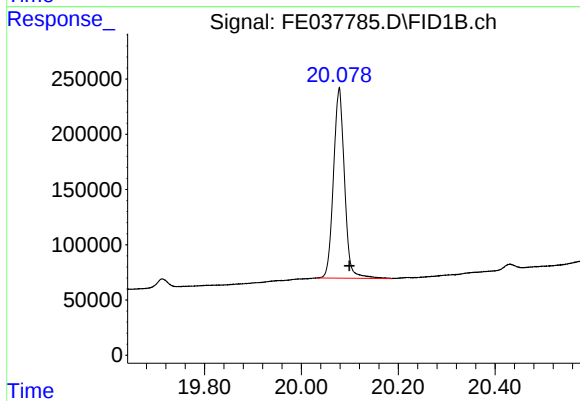
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: -0.023 min
Response: 2856727
Conc: 21.39 ug/ml



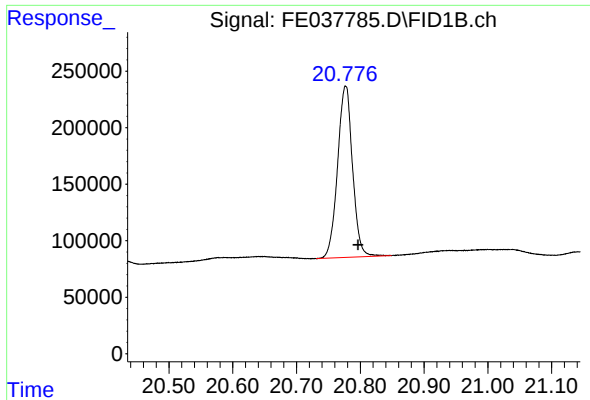
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: -0.021 min
Response: 2702222
Conc: 21.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.021 min
Response: 2721089
Conc: 21.16 ug/ml



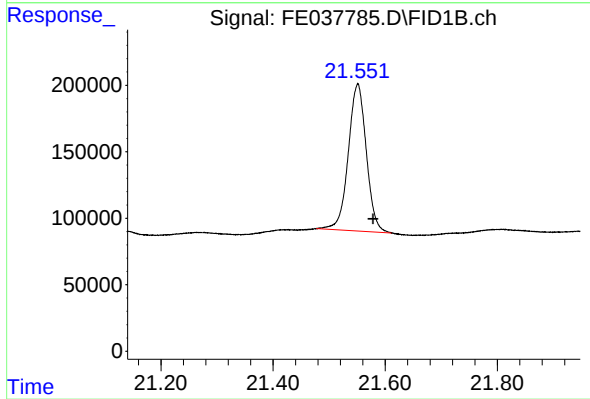
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.019 min
Response: 2467909
Conc: 19.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: -0.028 min
Response: 2467785
Conc: 19.14 ug/ml m