

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092922AL\
 Data File : FE037842.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 23:16
 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 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: autoint1.e
 Quant Time: Sep 29 02:45:19 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)	11.609	3321642	19.204 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.030	2614833	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.007	2841118	19.291 ug/ml
2) T n-Decane (C10)	4.264	2855443	19.313 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2662244	19.441 ug/ml
4) T n-Dodecane (C12)	6.435	2946502	19.336 ug/ml
5) T A~2-methylnaphthalene...	7.080	2521575	18.972 ug/ml
6) T n-Tetradecane (C14)	8.254	2949535	19.272 ug/ml
7) T n-Hexadecane (C16)	9.852	3010771	19.275 ug/ml
8) T n-Octadecane (C18)	11.286	3078962	19.196 ug/ml
10) T n-Eicosane (C20)	12.588	3138152	19.244 ug/ml
11) T n-Heneicosane (C21)	13.195	3173419	19.260 ug/ml
13) T n-Docosane (C22)	13.777	3181465	19.327 ug/ml
14) T n-Tetracosane (C24)	14.873	3185665	19.424 ug/ml
15) T n-Hexacosane (C26)	15.887	3172239	19.454 ug/ml
16) T n-Octacosane (C28)	16.832	3118030	19.463 ug/ml
17) T n-Tricontane (C30)	17.712	3098493	19.362 ug/ml
18) T n-Dotriacontane (C32)	18.541	2992788	19.005 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2776279	18.739 ug/mlm
20) T n-Hexatriacontane (C36)	20.053	2636455	18.288 ug/ml
21) T n-Octatriacontane (C38)	20.751	2430589	17.911 ug/mlm
22) T n-Tetracontane (C40)	21.519	2516198	19.767 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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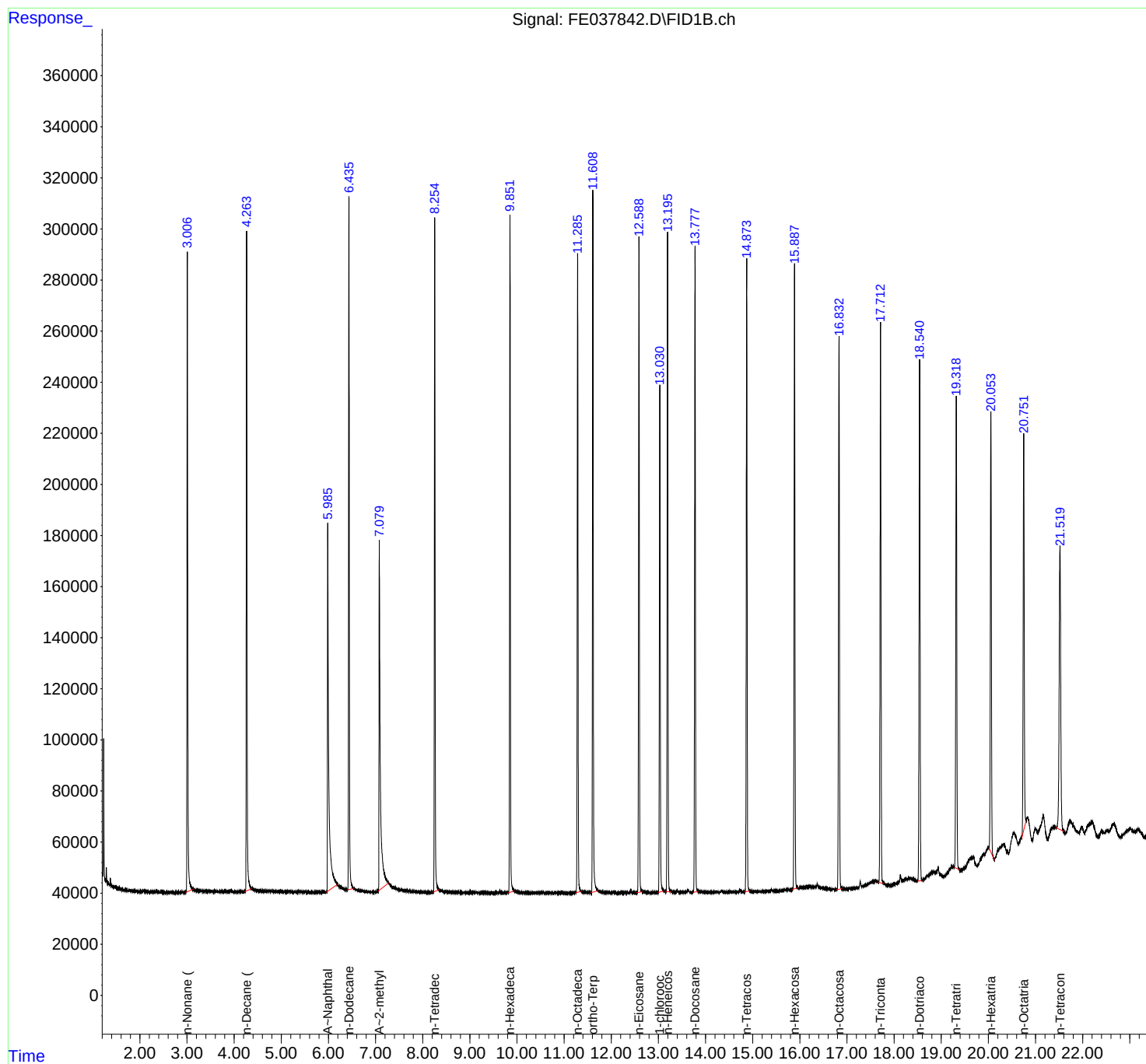
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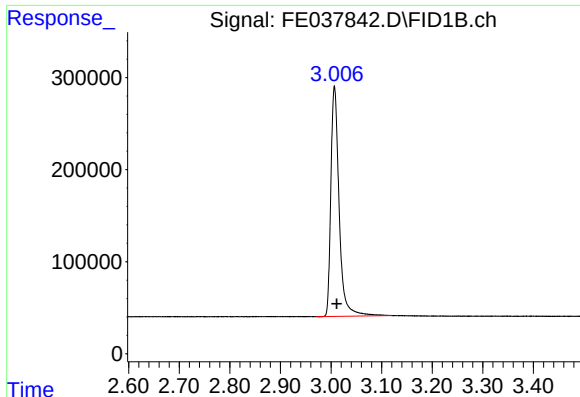
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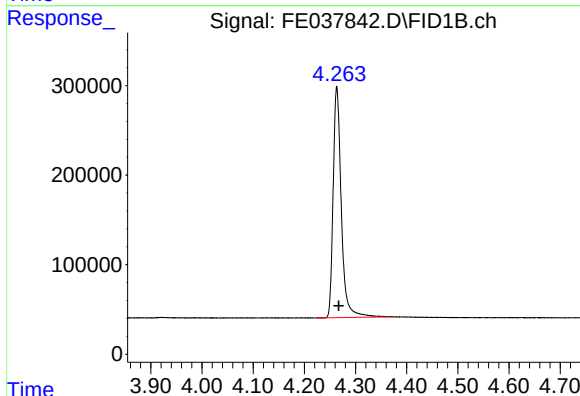
#1 n-Nonane (C9)

R.T.: 3.007 min
Delta R.T.: -0.004 min
Response: 2841118
Conc: 19.29 ug/ml

Instrument :
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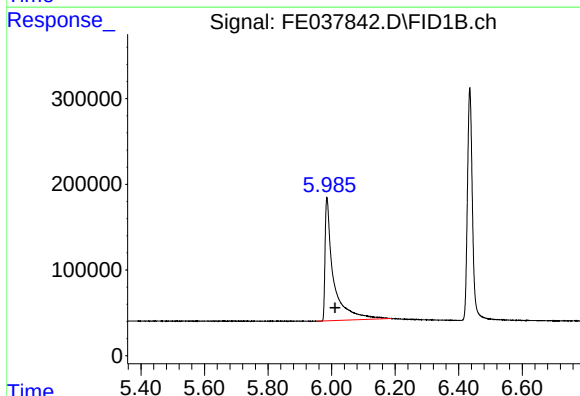
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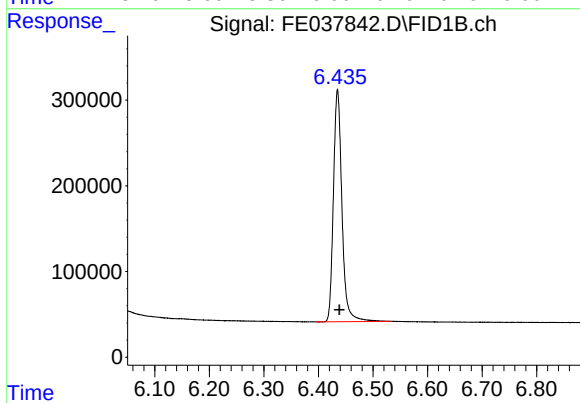
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: -0.004 min
Response: 2855443
Conc: 19.31 ug/ml



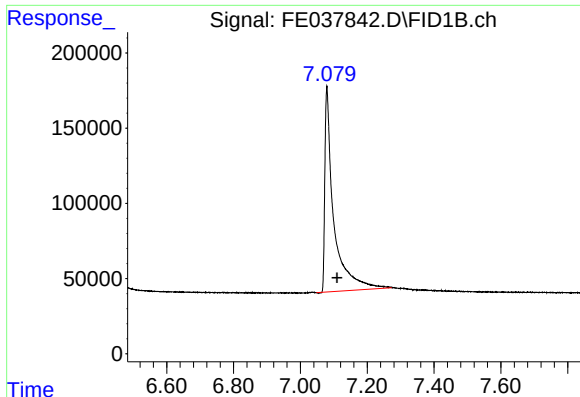
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.025 min
Response: 2662244
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.003 min
Response: 2946502
Conc: 19.34 ug/ml



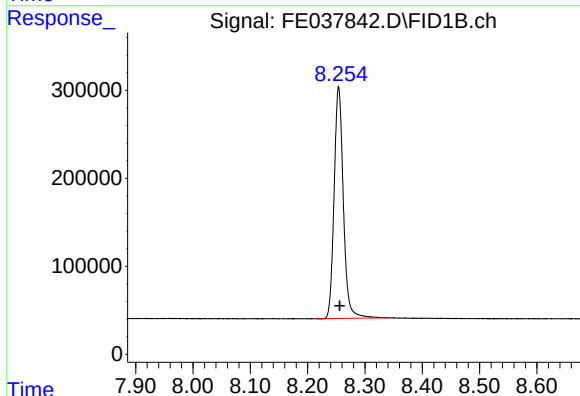
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.030 min
Response: 2521575
Conc: 18.97 ug/ml

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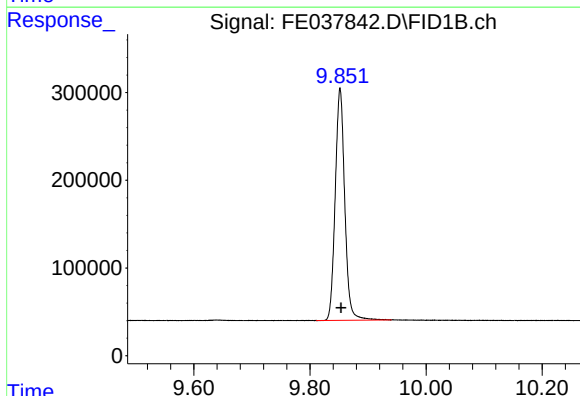
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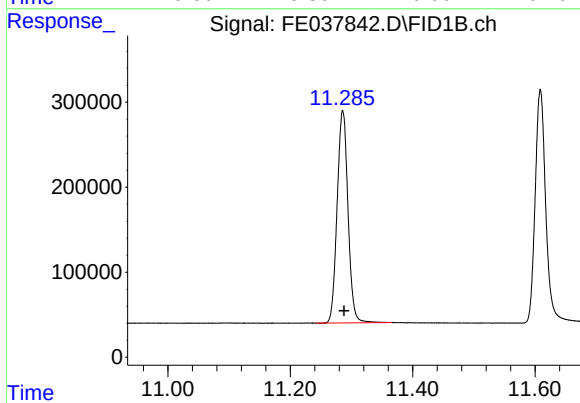
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 2949535
Conc: 19.27 ug/ml



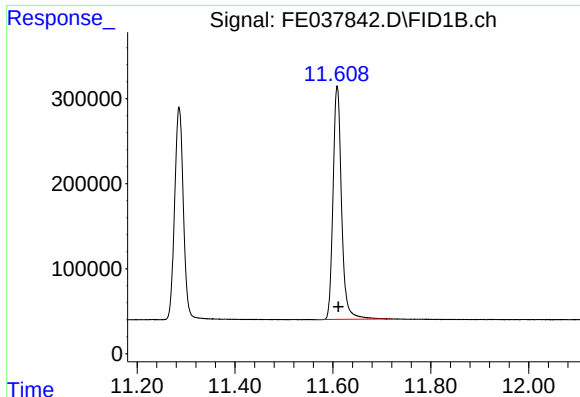
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.002 min
Response: 3010771
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.286 min
Delta R.T.: -0.002 min
Response: 3078962
Conc: 19.20 ug/ml



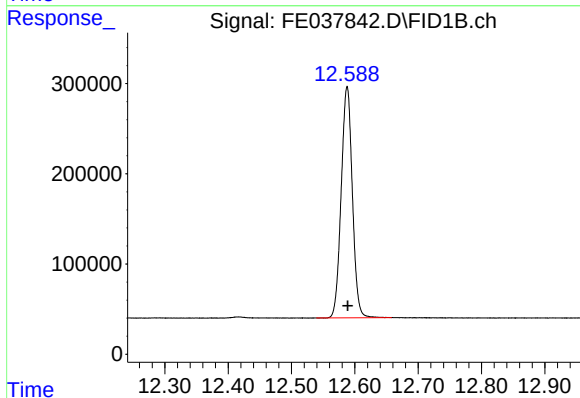
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.003 min
Response: 3321642
Conc: 19.20 ug/ml

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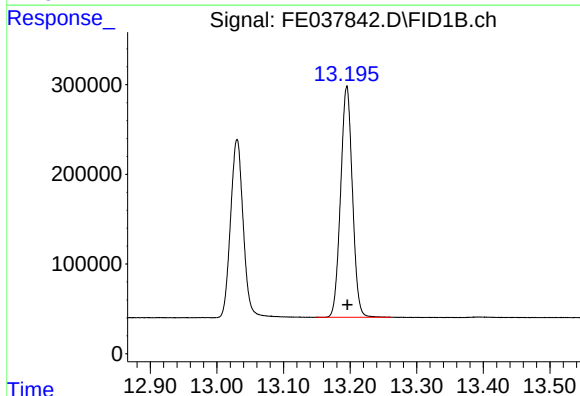
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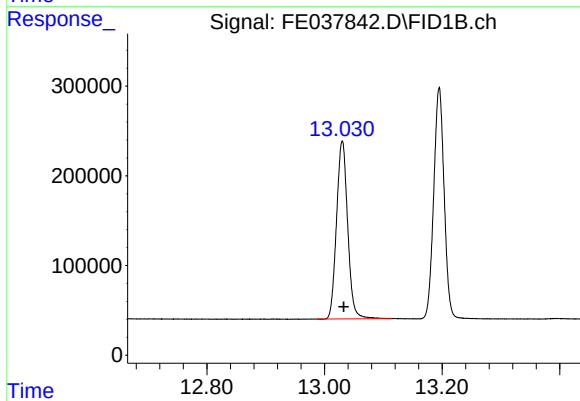
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.000 min
Response: 3138152
Conc: 19.24 ug/ml



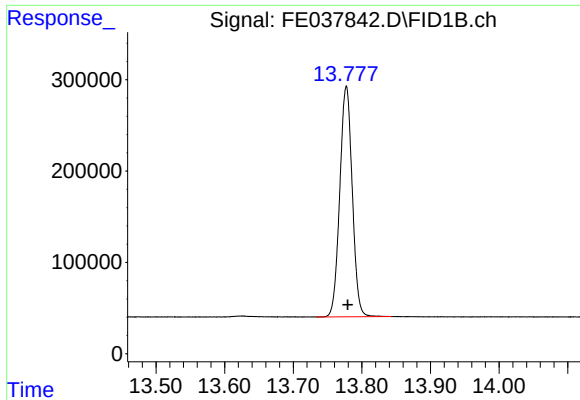
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: -0.001 min
Response: 3173419
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: -0.003 min
Response: 2614833
Conc: 19.35 ug/ml



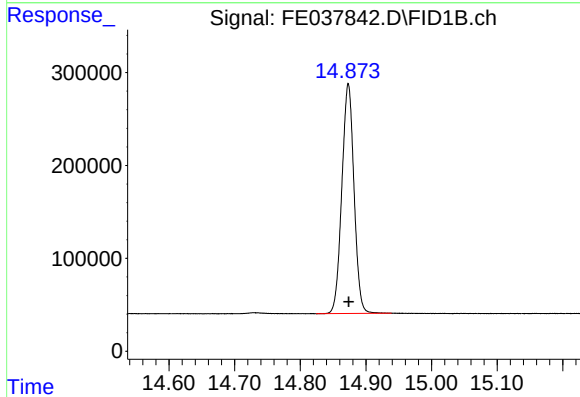
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.002 min
Response: 3181465
Conc: 19.33 ug/ml

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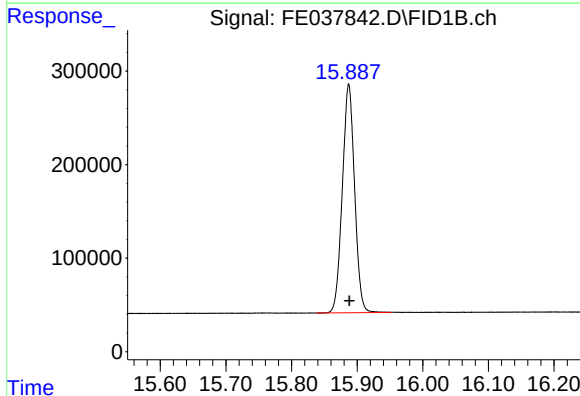
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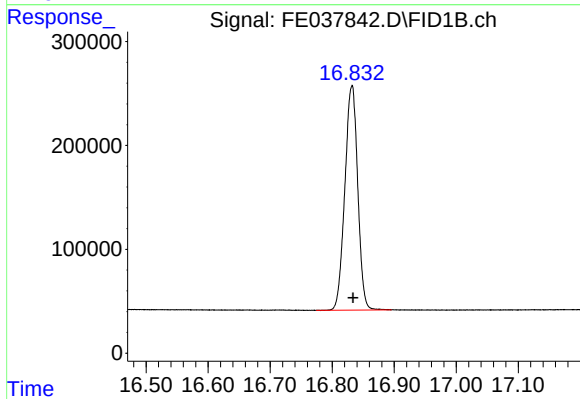
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.000 min
Response: 3185665
Conc: 19.42 ug/ml



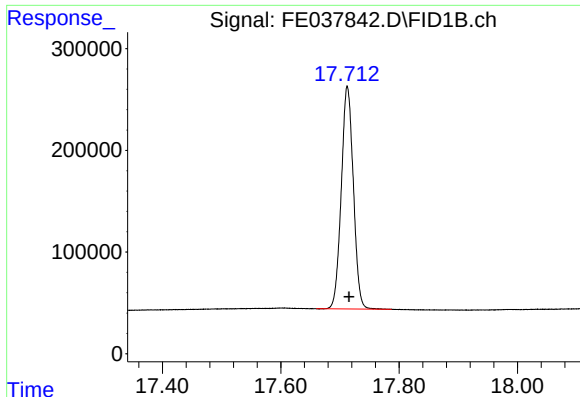
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 3172239
Conc: 19.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.001 min
Response: 3118030
Conc: 19.46 ug/ml



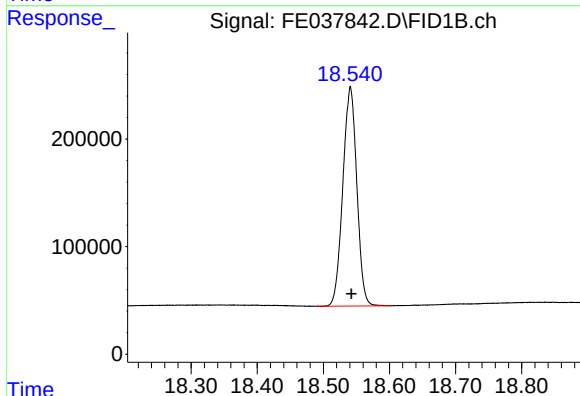
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.003 min
Response: 3098493
Conc: 19.36 ug/ml

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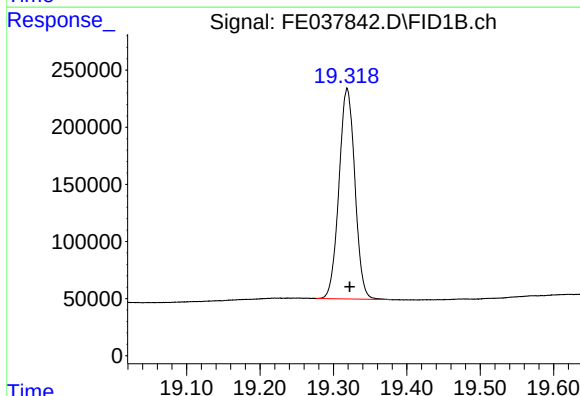
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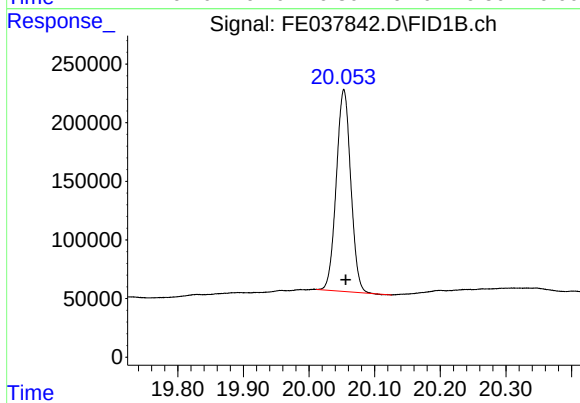
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.001 min
Response: 2992788
Conc: 19.01 ug/ml



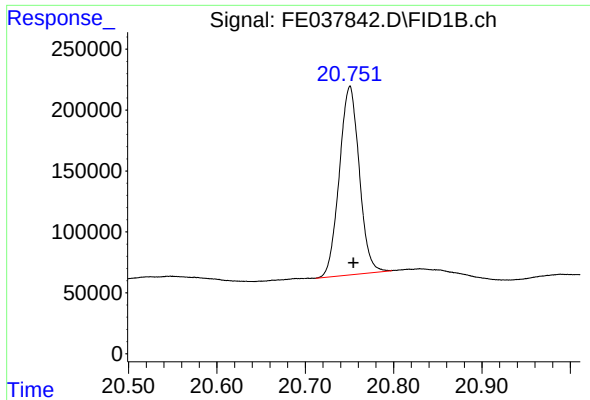
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.004 min
Response: 2776279
Conc: 18.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2636455
Conc: 18.29 ug/ml



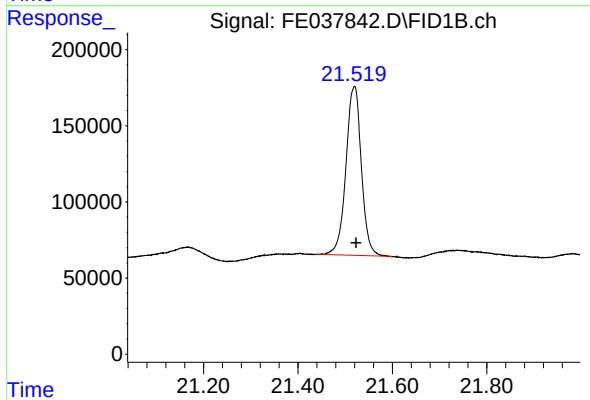
#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.004 min
Response: 2430589
Conc: 17.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.519 min
Delta R.T.: -0.005 min
Response: 2516198
Conc: 19.77 ug/ml m