

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037582.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 10:54
 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

Integration File: autoint1.e
 Quant Time: Sep 15 12:06:40 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)	11.624	3238468	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.049	2501583	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.018	3091745	20.207 ug/mlm
2) T n-Decane (C10)	4.276	3139101	20.360 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3110290	21.589 ug/ml
4) T n-Dodecane (C12)	6.448	3198157	20.225 ug/ml
5) T A~2-methylnaphthalene...	7.085	3031034	21.710 ug/ml
6) T n-Tetradecane (C14)	9.868	3193819	20.156 ug/ml
7) T n-Hexadecane (C16)	9.868	3193819	20.156 ug/ml
8) T n-Octadecane (C18)	11.303	3168278	19.896 ug/ml
10) T n-Eicosane (C20)	12.605	3089478	19.526 ug/ml
11) T n-Heneicosane (C21)	13.214	3026849	19.195 ug/ml
13) T n-Docosane (C22)	13.797	3041504	19.538 ug/ml
14) T n-Tetracosane (C24)	14.895	3036408	20.188 ug/ml
15) T n-Hexacosane (C26)	15.909	2996094	20.691 ug/ml
16) T n-Octacosane (C28)	16.854	3017295	21.780 ug/ml
17) T n-Tricontane (C30)	17.737	3117106	22.915 ug/ml
18) T n-Dotriacontane (C32)	18.565	3204617	23.999 ug/ml
19) T n-Tetratriacontane (C34)	19.345	3003423	23.737 ug/ml
20) T n-Hexatriacontane (C36)	20.080	2961768	23.028 ug/mlm
21) T n-Octatriacontane (C38)	20.777	2854312	22.934 ug/mlm
22) T n-Tetracontane (C40)	21.554	3191850	24.759 ug/ml

(f)=RT Delta > 1/2 Window

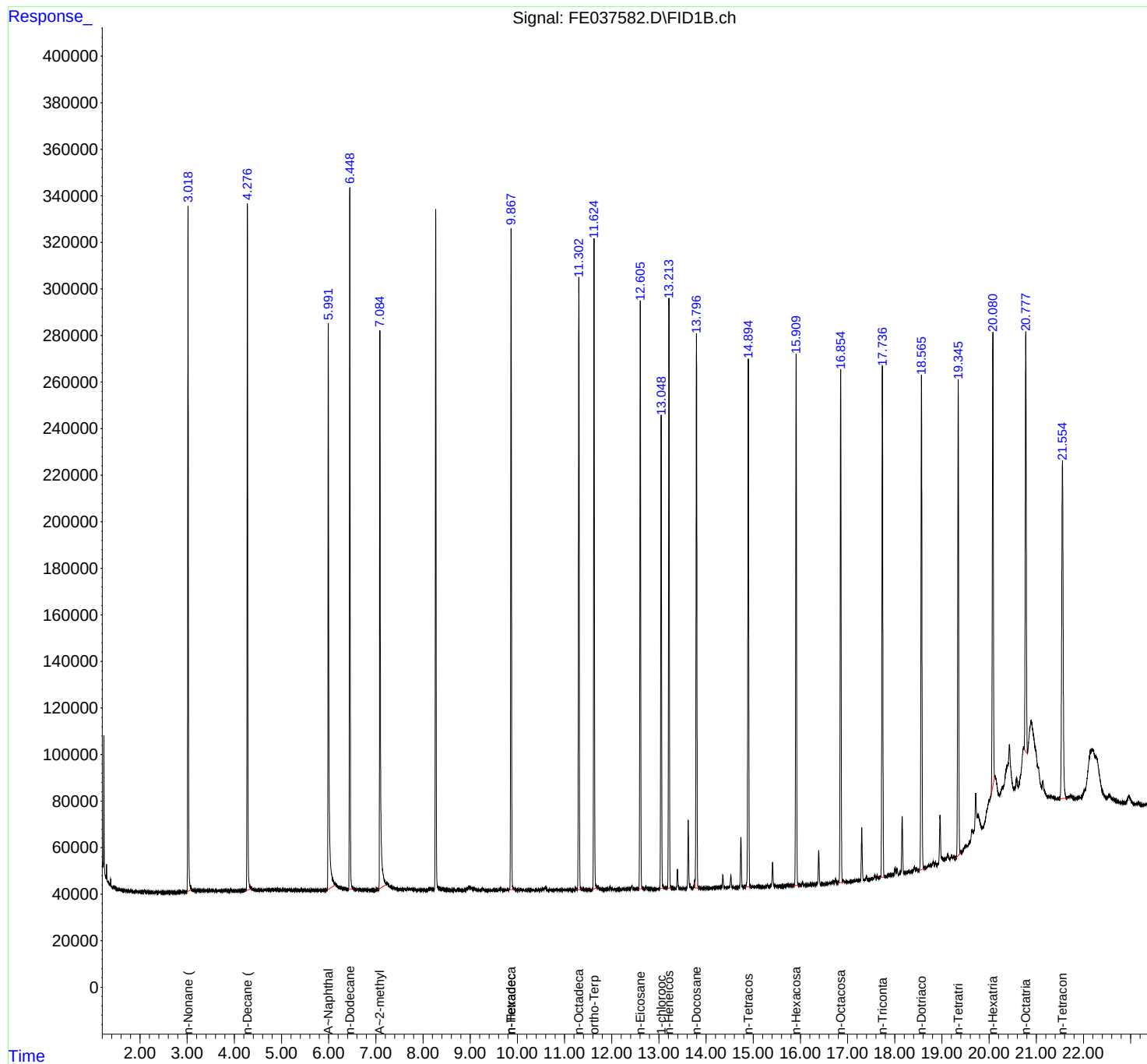
(m)=manual int.

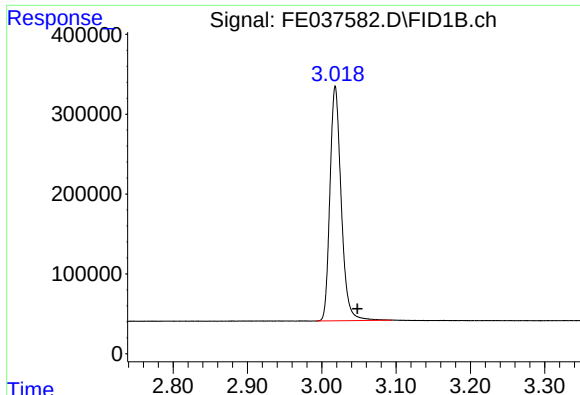
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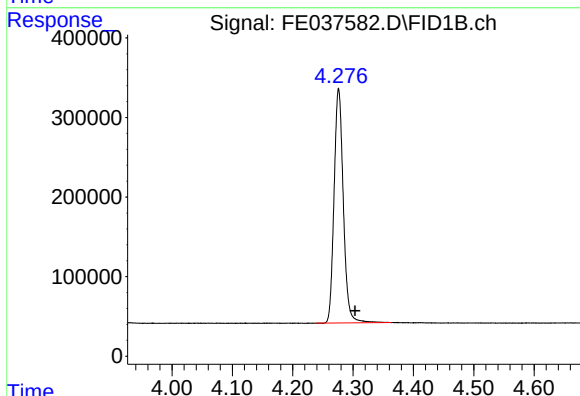




#1 n-Nonane (C9)

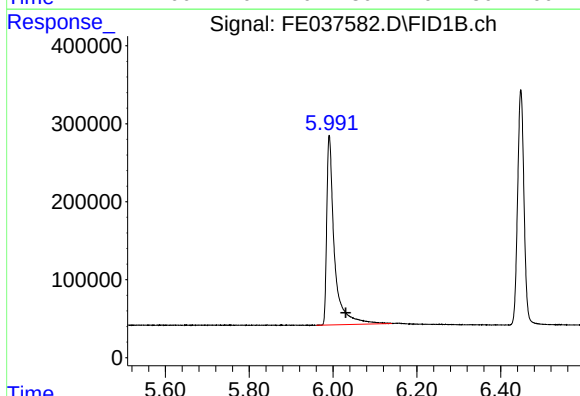
R.T.: 3.018 min
Delta R.T.: -0.030 min
Response: 3091745
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



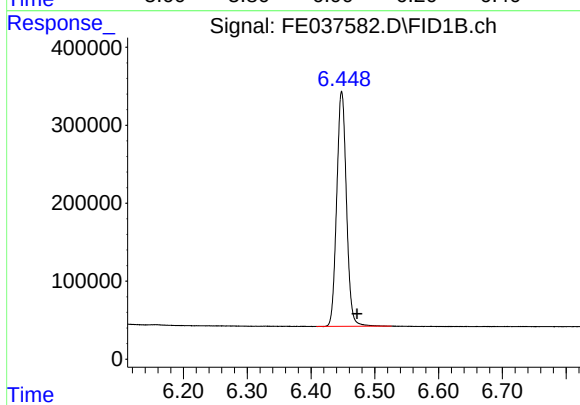
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.027 min
Response: 3139101
Conc: 20.36 ug/ml



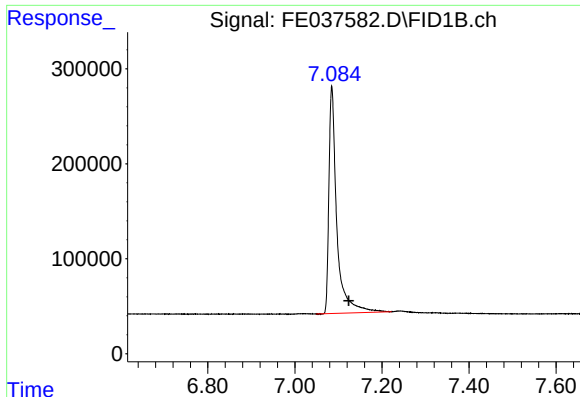
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.040 min
Response: 3110290
Conc: 21.59 ug/ml



#4 n-Dodecane (C12)

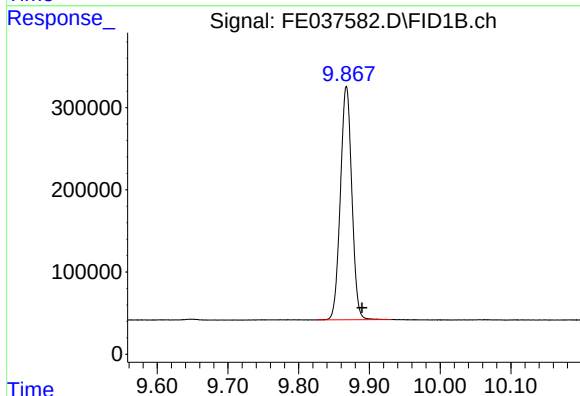
R.T.: 6.448 min
Delta R.T.: -0.024 min
Response: 3198157
Conc: 20.22 ug/ml



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

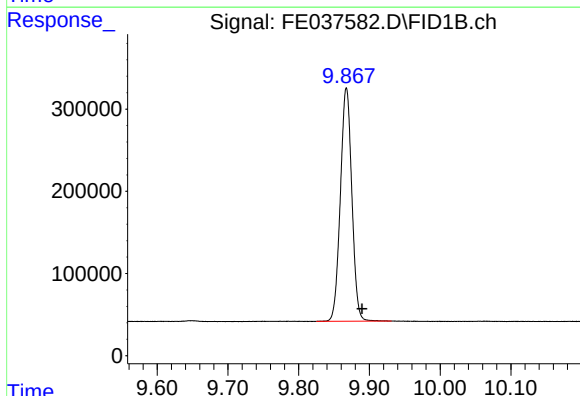
R.T.: 7.085 min
Delta R.T.: -0.038 min
Response: 3031034
Conc: 21.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



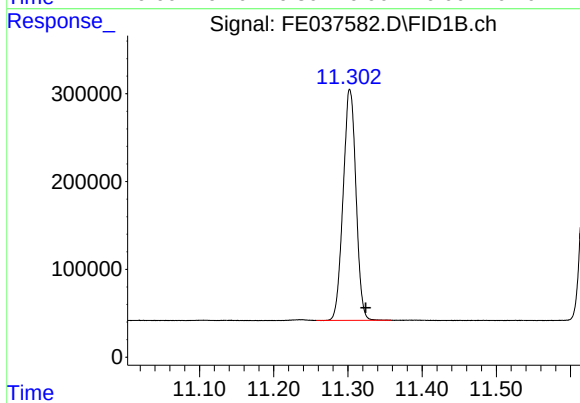
#6 n-Tetradecane (C14)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 3193819
Conc: 20.16 ug/ml



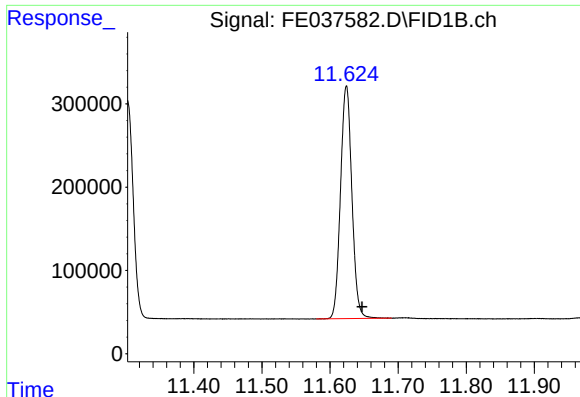
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 3193819
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

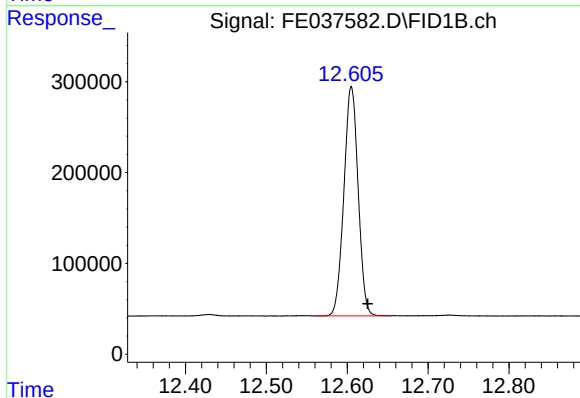
R.T.: 11.303 min
Delta R.T.: -0.022 min
Response: 3168278
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

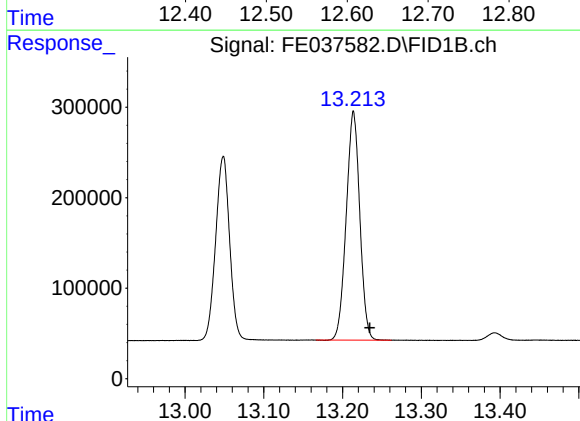
R.T.: 11.624 min
Delta R.T.: -0.023 min
Response: 3238468
Conc: 19.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



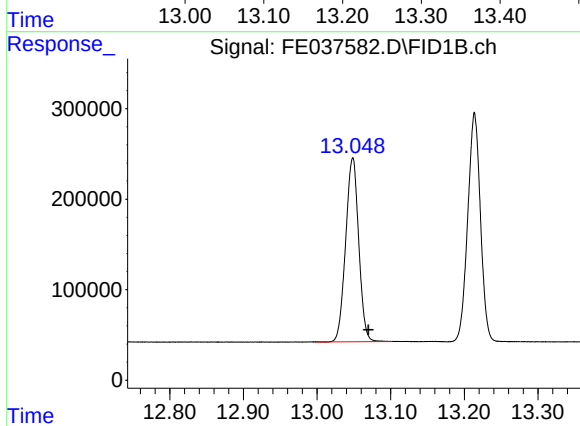
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.020 min
Response: 3089478
Conc: 19.53 ug/ml



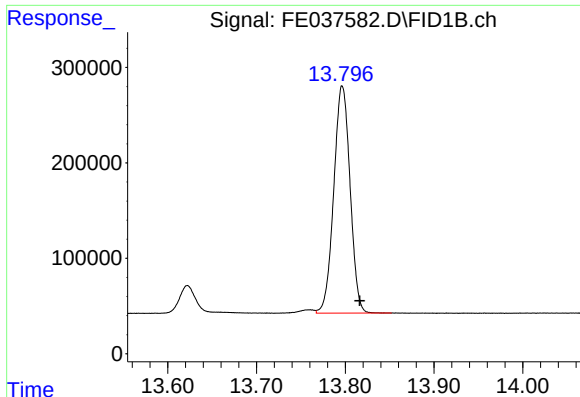
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.021 min
Response: 3026849
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

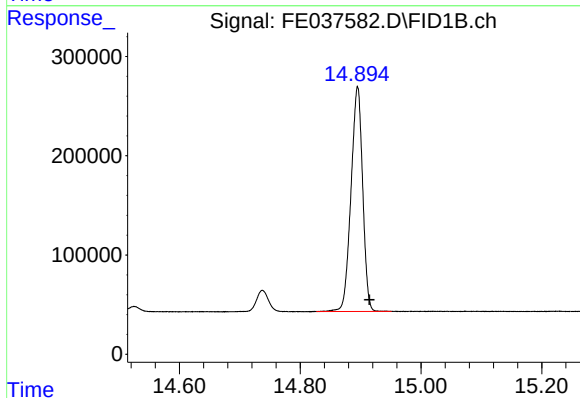
R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 2501583
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

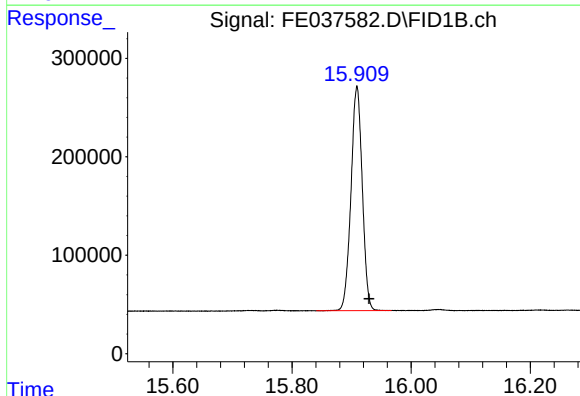
R.T.: 13.797 min
Delta R.T.: -0.020 min
Response: 3041504
Conc: 19.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



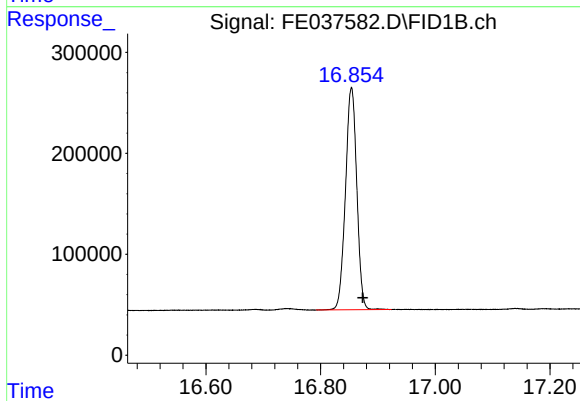
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.020 min
Response: 3036408
Conc: 20.19 ug/ml



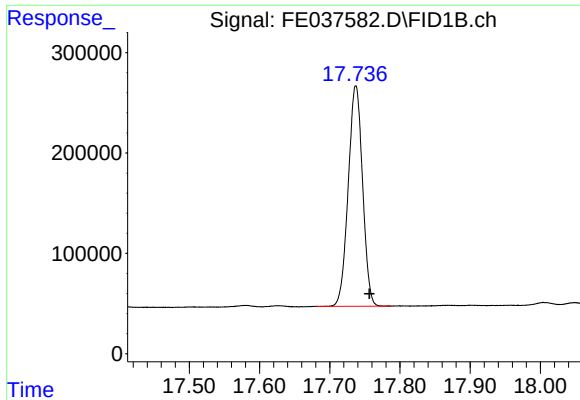
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: -0.020 min
Response: 2996094
Conc: 20.69 ug/ml



#16 n-Octacosane (C28)

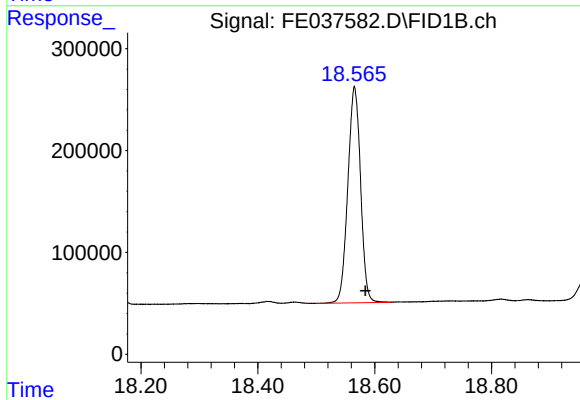
R.T.: 16.854 min
Delta R.T.: -0.020 min
Response: 3017295
Conc: 21.78 ug/ml



#17 n-Tricontane (C30)

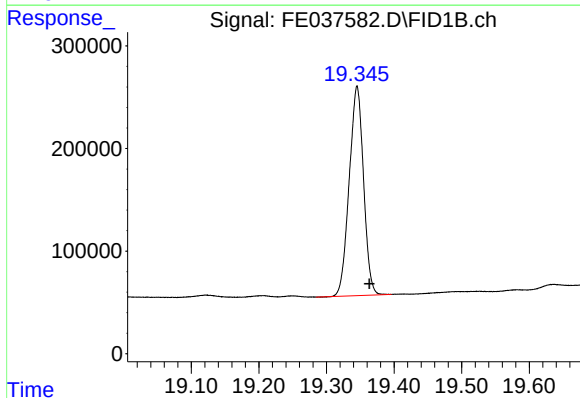
R.T.: 17.737 min
Delta R.T.: -0.020 min
Response: 3117106
Conc: 22.91 ug/ml

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20 PPM ALIPHATIC HC STD



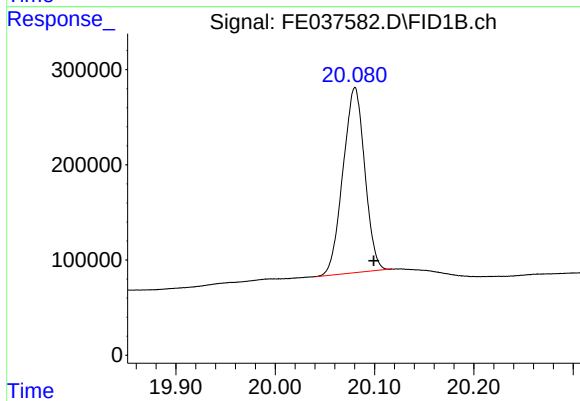
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.019 min
Response: 3204617
Conc: 24.00 ug/ml



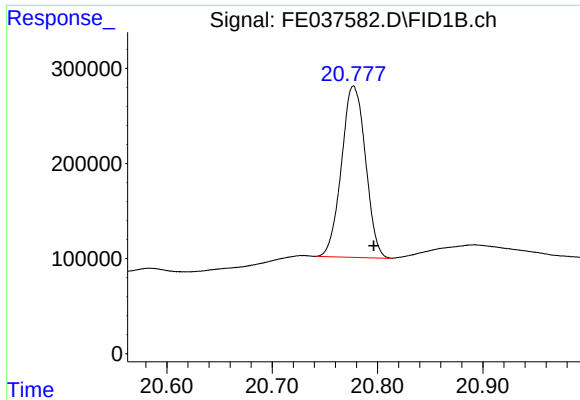
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.018 min
Response: 3003423
Conc: 23.74 ug/ml



#20 n-Hexatriacontane (C36)

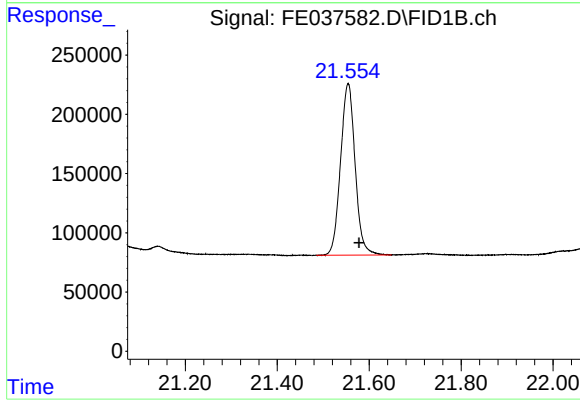
R.T.: 20.080 min
Delta R.T.: -0.019 min
Response: 2961768
Conc: 23.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.019 min
Response: 2854312
Conc: 22.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: -0.024 min
Response: 3191850
Conc: 24.76 ug/ml