

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011824AL\
 Data File : FE046282.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2024 14:37
 Operator : YP\AJ
 Sample : PB158489BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158489BS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 01/19/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 19 00:11:02 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)	11.831	12018794	66.137 ug/ml
Spiked Amount 50.000		Recovery =	132.27%
12) S 1-chlorooctadecane (S...	13.271	9578255	71.688 ug/ml
Spiked Amount 50.000		Recovery =	143.38%
Target Compounds			
1) T n-Nonane (C9)	3.212	2226092	14.545 ug/ml
2) T n-Decane (C10)	4.463	2921110	18.822 ug/ml
3) T A~Naphthalene (C11.7)	6.166	6306890	37.923 ug/ml
4) T n-Dodecane (C12)	6.631	6133643	39.284 ug/ml
5) T A~2-methylnaphthalene...	7.263	7993521	50.207 ug/ml
6) T n-Tetradecane (C14)	8.460	8755507	56.207 ug/ml
7) T n-Hexadecane (C16)	10.068	9858299	62.254 ug/ml
8) T n-Octadecane (C18)	11.515	10243264	65.081 ug/ml
10) T n-Eicosane (C20)	12.827	10305294	68.122 ug/ml
11) T n-Heneicosane (C21)	13.439	9883762	67.213 ug/ml
13) T n-Docosane (C22)	14.027	9752857	66.722 ug/ml
14) T n-Tetracosane (C24)	15.130	21329184	147.064 ug/ml
15) T n-Hexacosane (C26)	16.156	9251504	64.530 ug/ml
16) T n-Octacosane (C28)	17.107	11029065	76.901 ug/mlm
17) T n-Tricontane (C30)	17.997	9075436	61.058 ug/ml
18) T n-Dotriacontane (C32)	18.832	10224726	68.365 ug/mlm
19) T n-Tetratriacontane (C34)	19.617	9815459	68.517 ug/ml
20) T n-Hexatriacontane (C36)	20.362	11073356	75.949 ug/mlm
21) T n-Octatriacontane (C38)	21.093	13989159	94.868 ug/ml
22) T n-Tetracontane (C40)	21.992	17341314	110.789 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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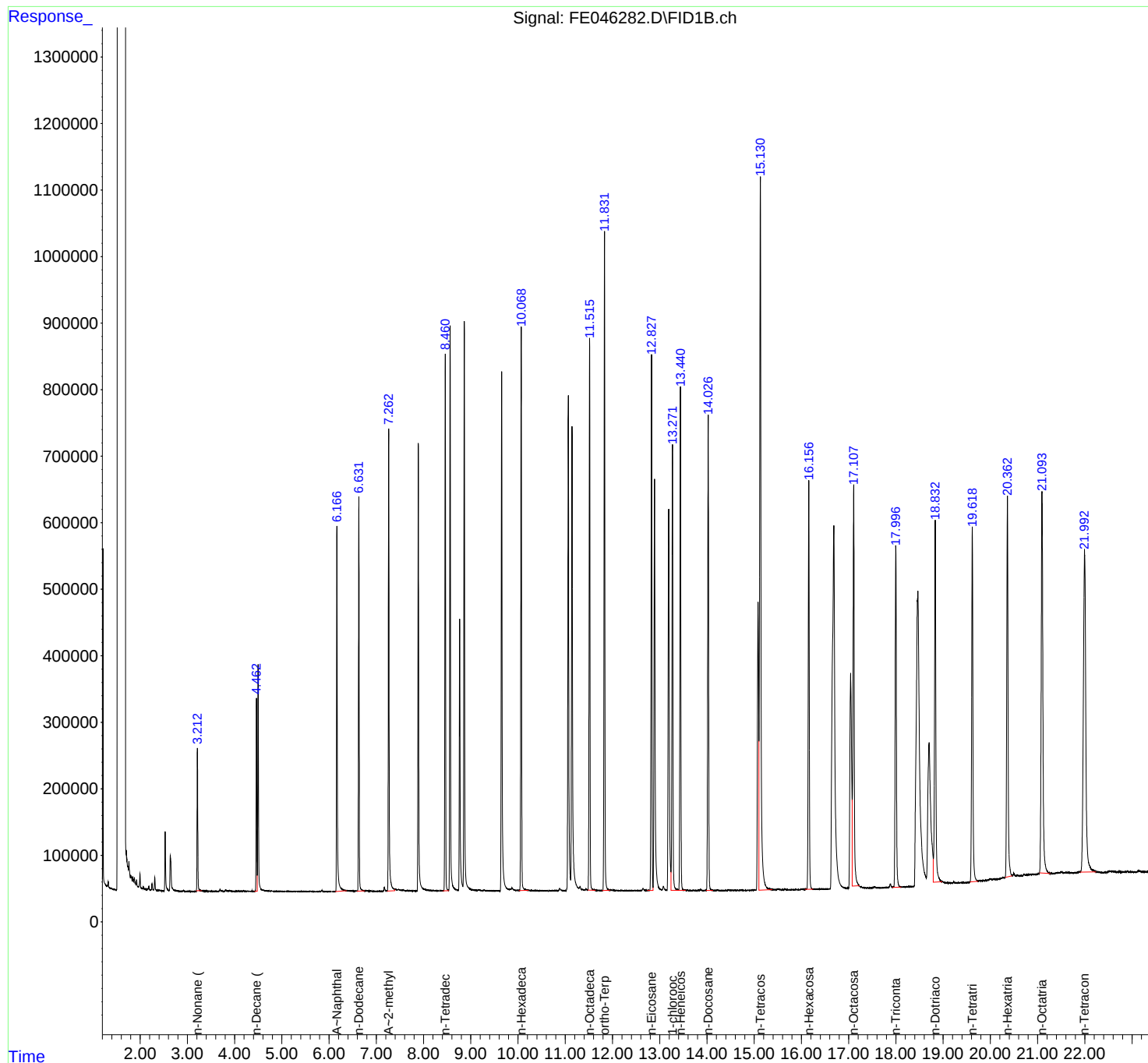
Response via : Initial Calibration

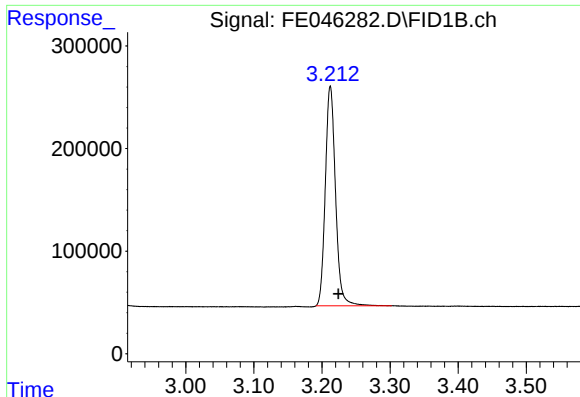
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: -0.012 min
Response: 2226092
Conc: 14.55 ug/ml

Instrument :

FID_E

ClientSampleId :

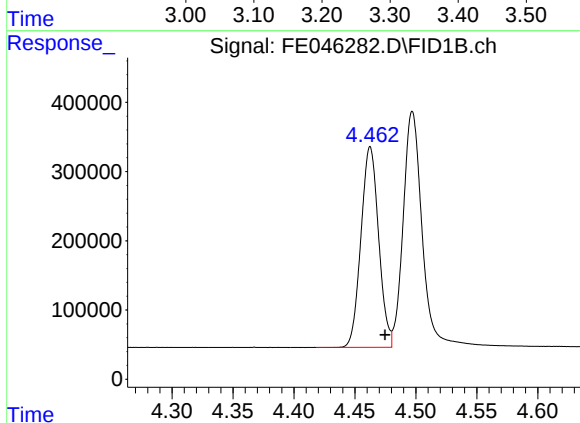
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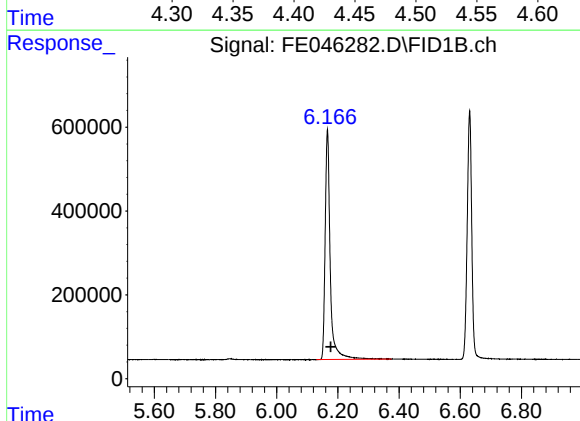
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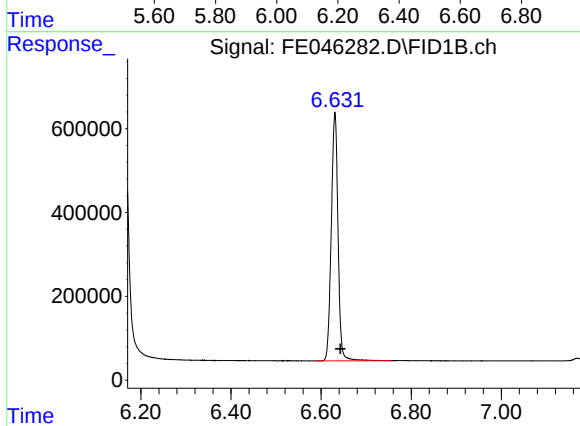
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.012 min
Response: 2921110
Conc: 18.82 ug/ml



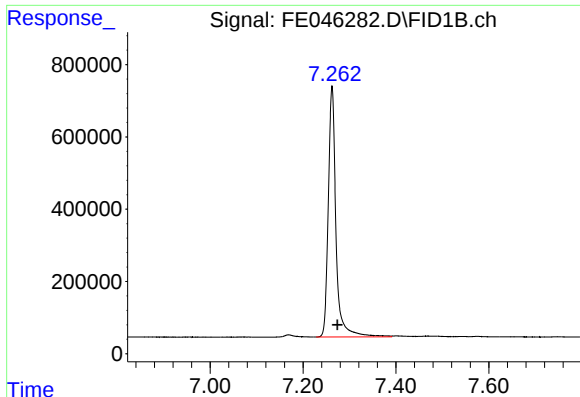
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 6306890
Conc: 37.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.012 min
Response: 6133643
Conc: 39.28 ug/ml



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

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 7993521
Conc: 50.21 ug/ml

Instrument :

FID_E

ClientSampleId :

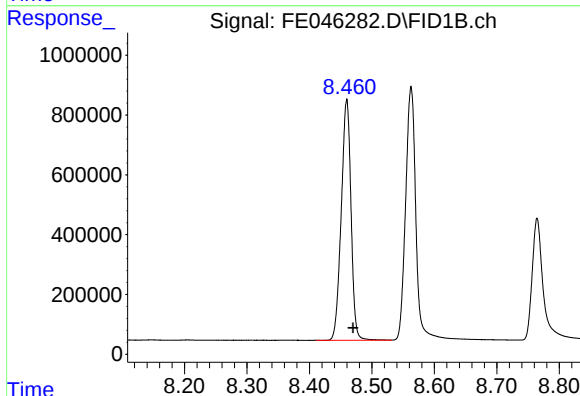
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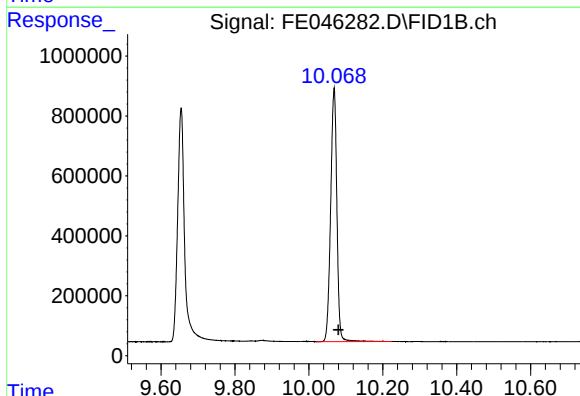
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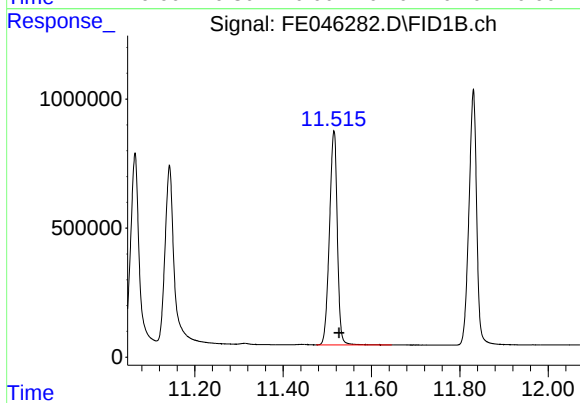
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 8755507
Conc: 56.21 ug/ml



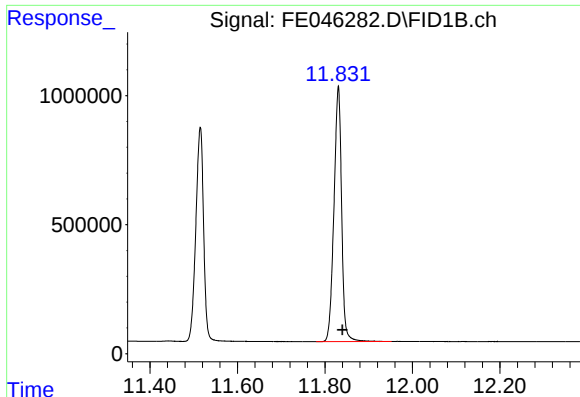
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 9858299
Conc: 62.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.012 min
Response: 10243264
Conc: 65.08 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.010 min
Response: 12018794
Conc: 66.14 ug/ml

Instrument :

FID_E

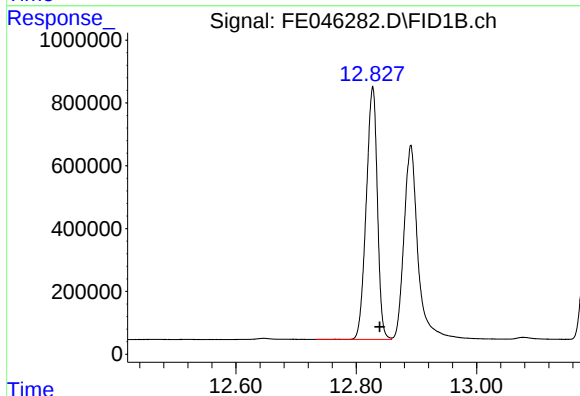
ClientSampleId :

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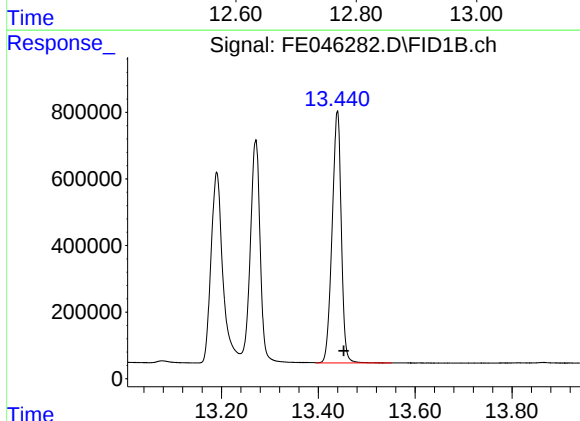
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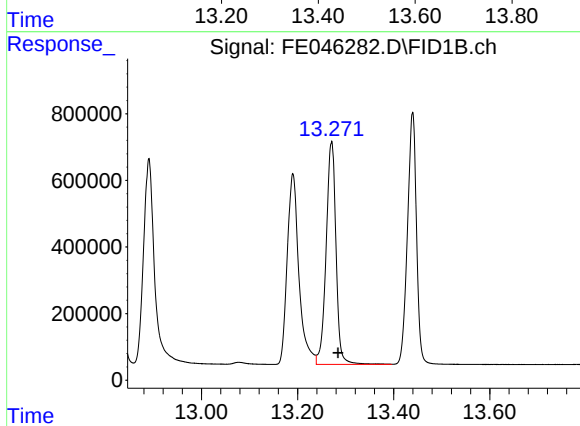
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.011 min
Response: 10305294
Conc: 68.12 ug/ml



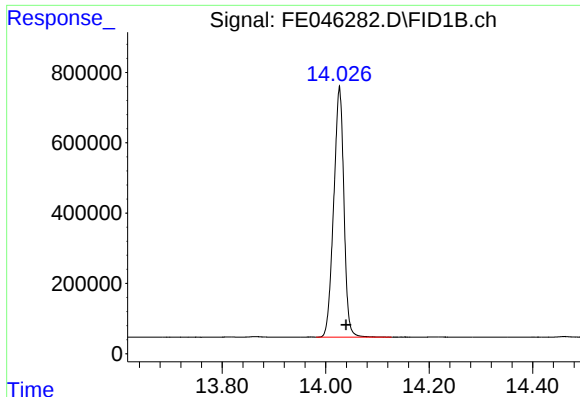
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 9883762
Conc: 67.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.014 min
Response: 9578255
Conc: 71.69 ug/ml



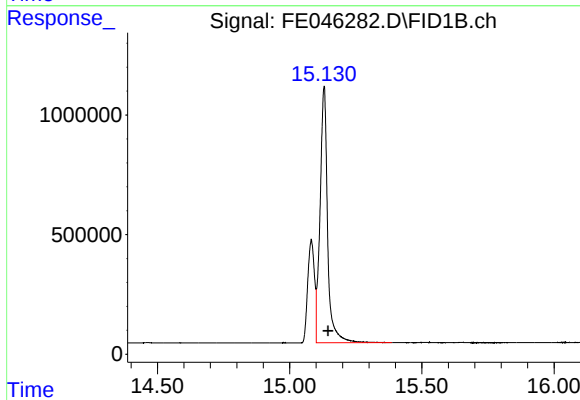
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.013 min
Response: 9752857
Conc: 66.72 ug/ml

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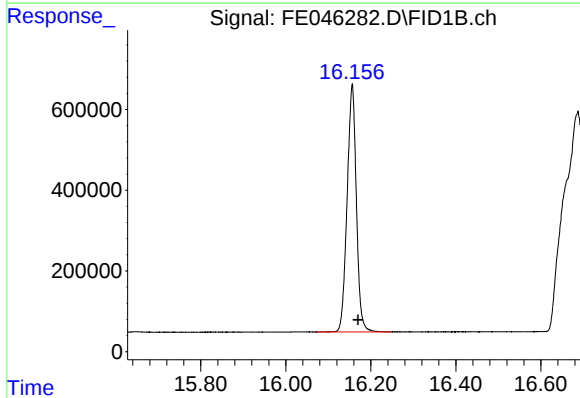
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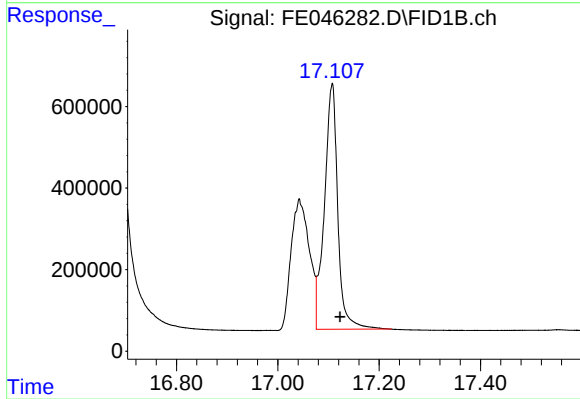
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.015 min
Response: 21329184
Conc: 147.06 ug/ml



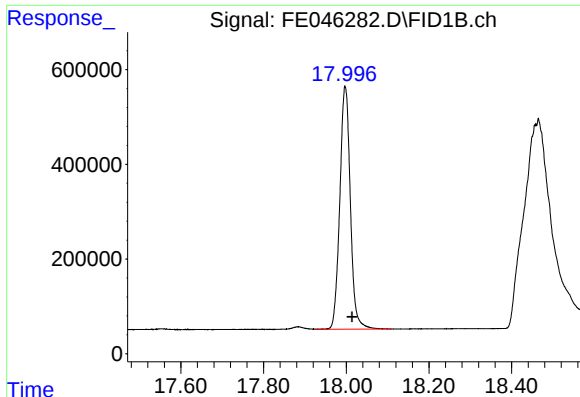
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.013 min
Response: 9251504
Conc: 64.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.015 min
Response: 11029065
Conc: 76.90 ug/ml m



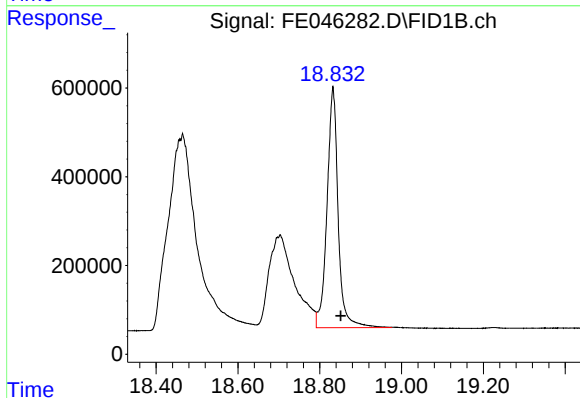
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.017 min
Response: 9075436
Conc: 61.06 ug/ml

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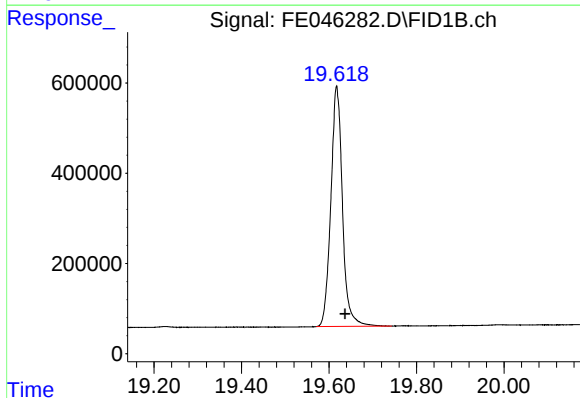
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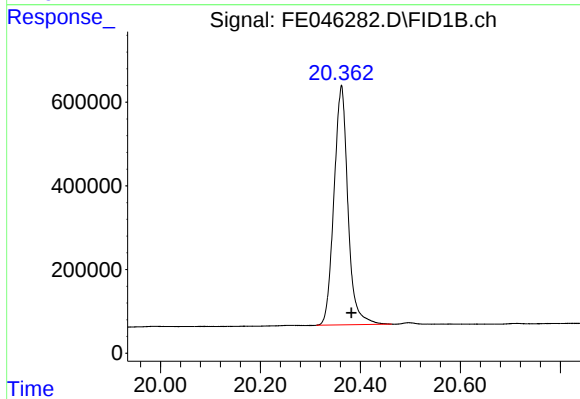
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 10224726
Conc: 68.36 ug/ml m



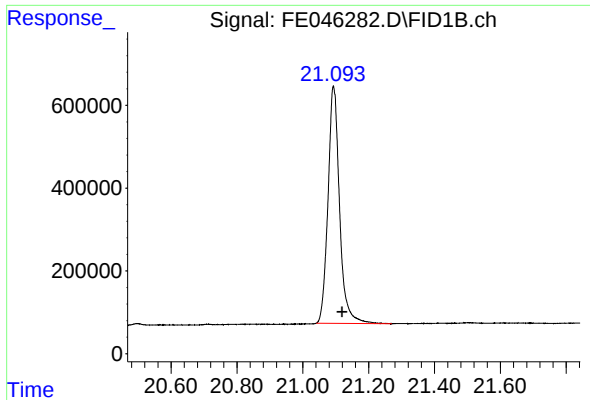
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.020 min
Response: 9815459
Conc: 68.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.020 min
Response: 11073356
Conc: 75.95 ug/ml m



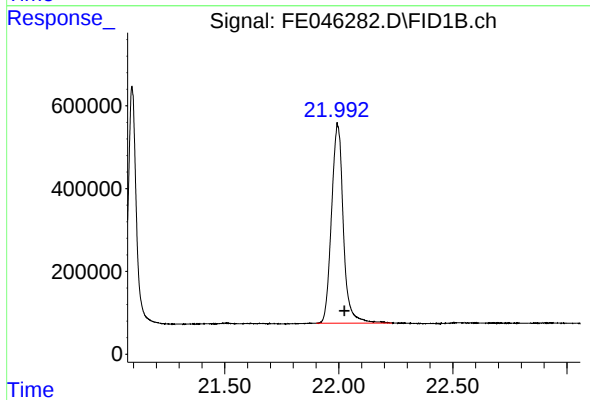
#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.027 min
Response: 13989159
Conc: 94.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.033 min
Response: 17341314
Conc: 110.79 ug/ml m