

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071922AL\
 Data File : FE036580.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2022 15:48
 Operator : YP\AJ
 Sample : N3664-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 T-3MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 02:53:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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			
12) S 1-chlorooctadecane (S...	13.297	6736120	44.274 ug/ml
Spiked Amount 50.000		Recovery =	88.55%
Target Compounds			
1) T n-Nonane (C9)	3.241	2893585	18.770 ug/ml
2) T n-Decane (C10)	4.496	3456463	22.423 ug/ml
4) T n-Dodecane (C12)	6.665	4185175	26.647 ug/ml
6) T n-Tetradecane (C14)	8.493	4538329	27.799 ug/ml
7) T n-Hexadecane (C16)	10.100	5026827	30.498 ug/ml
8) T n-Octadecane (C18)	11.543	5447302	32.052 ug/ml
10) T n-Eicosane (C20)	12.852	5297845	31.145 ug/ml
11) T n-Heneicosane (C21)	13.464	5257586	30.719 ug/ml
13) T n-Docosane (C22)	14.051	5198533	30.448 ug/ml
14) T n-Tetracosane (C24)	15.152	5067127	29.726 ug/ml
15) T n-Hexacosane (C26)	16.176	4927243	29.471 ug/ml
16) T n-Octacosane (C28)	17.125	4766997	29.187 ug/ml
17) T n-Tricontane (C30)	18.014	4586280	30.181 ug/ml
18) T n-Dotriacontane (C32)	18.847	4399952	36.584 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4067295	48.841 ug/ml
20) T n-Hexatriacontane (C36)	20.371	3870277	65.914 ug/mlm
21) T n-Octatriacontane (C38)	21.098	3724385	74.283 ug/mlm
22) T n-Tetracontane (C40)	21.988	3828570	74.137 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N3664-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

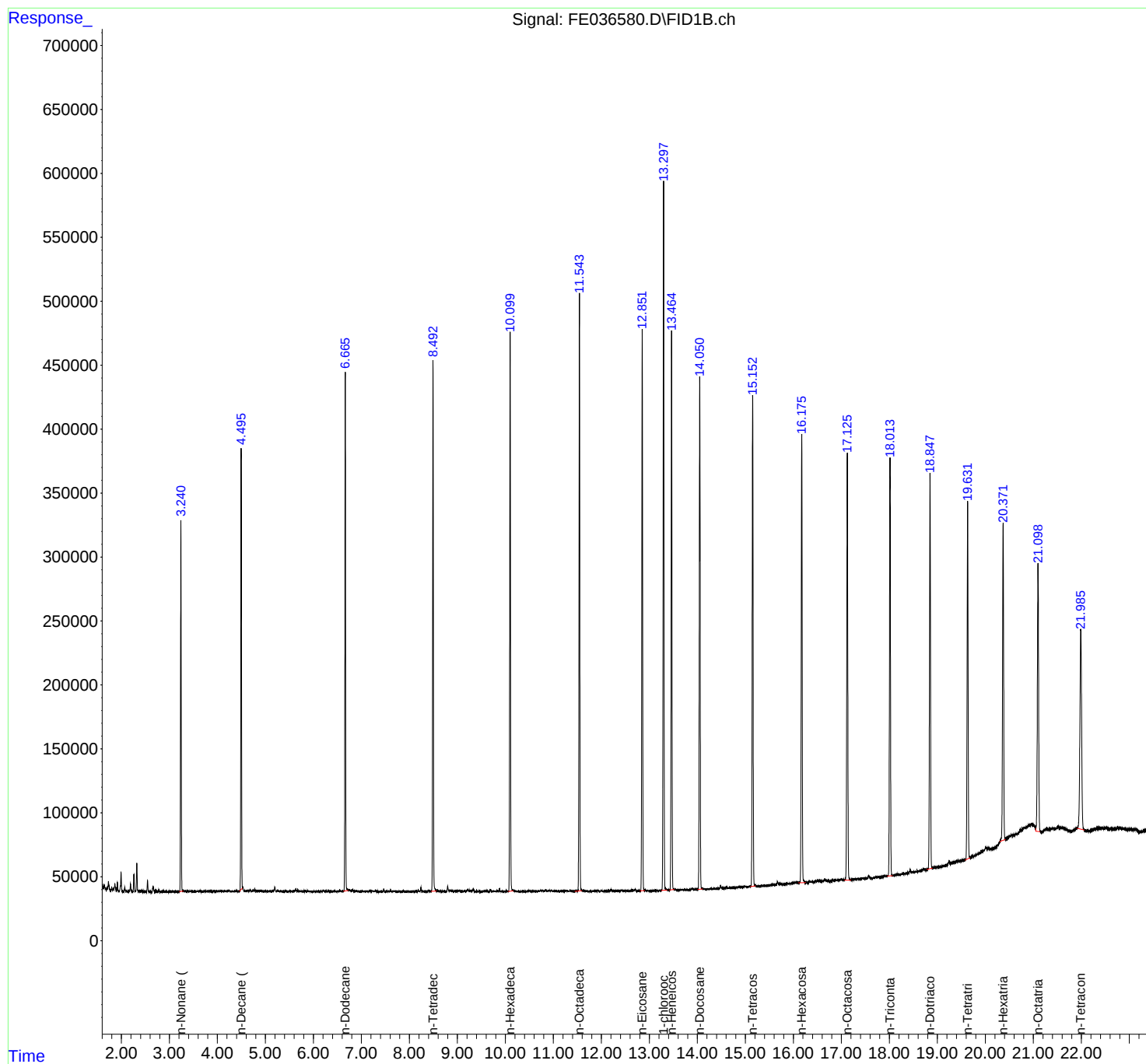
Instrument :
FID_E
ClientSampleId :
T-3MSD

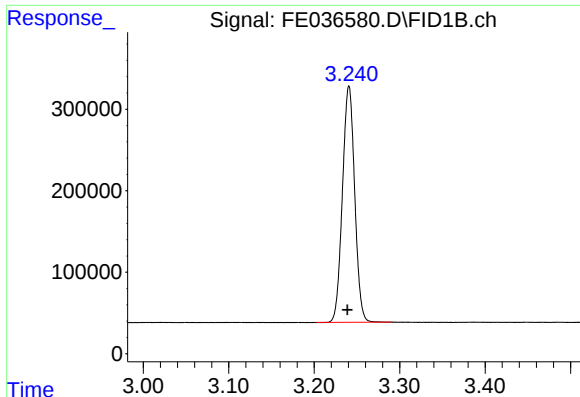
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.002 min
Response: 2893585
Conc: 18.77 ug/ml

Instrument :

FID_E

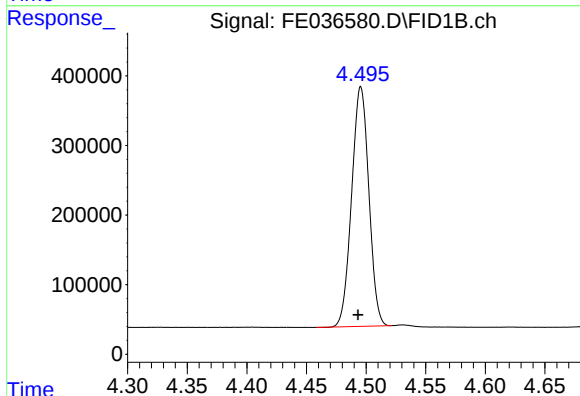
ClientSampleId :

T-3MSD

Manual Integrations

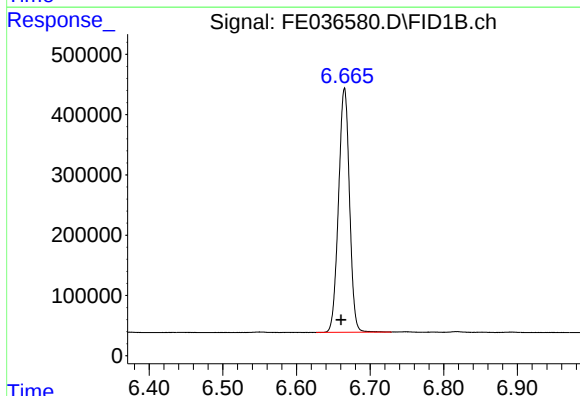
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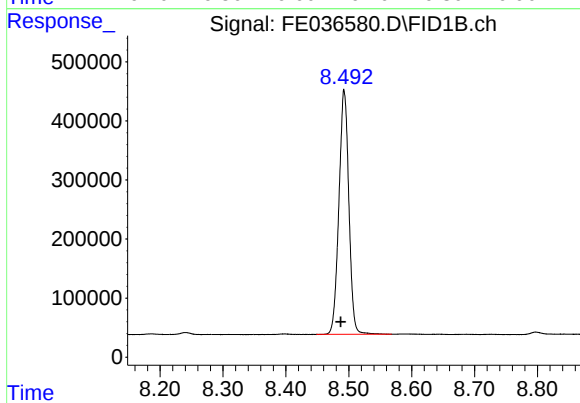
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 3456463
Conc: 22.42 ug/ml



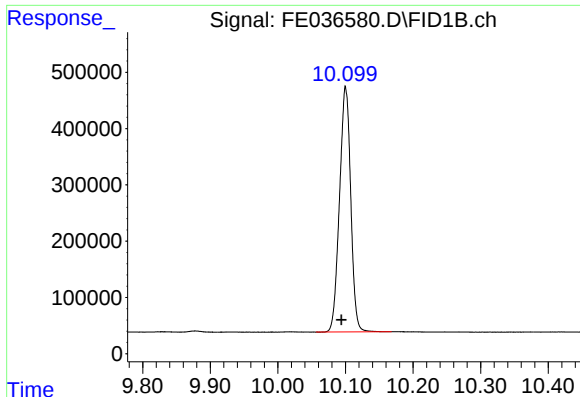
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 4185175
Conc: 26.65 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: 0.005 min
Response: 4538329
Conc: 27.80 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: 0.006 min
Response: 5026827
Conc: 30.50 ug/ml

Instrument :

FID_E

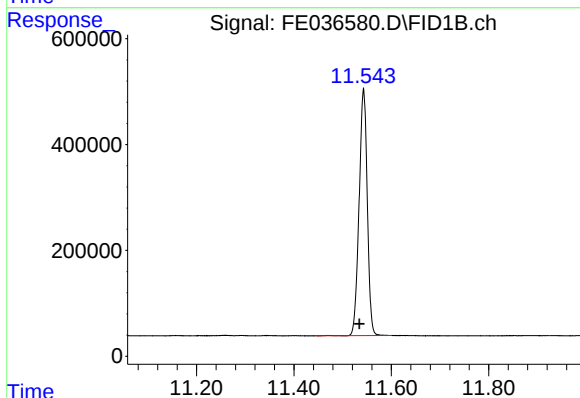
ClientSampleId :

T-3MSD

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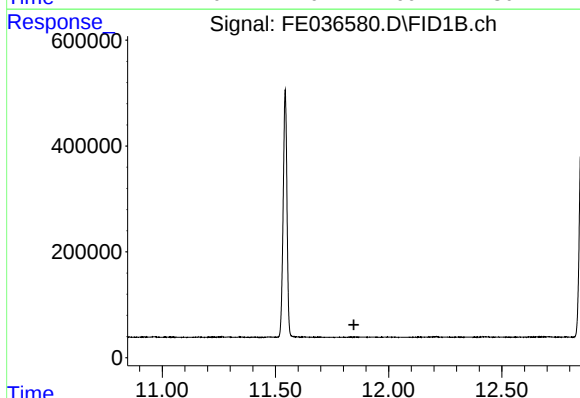
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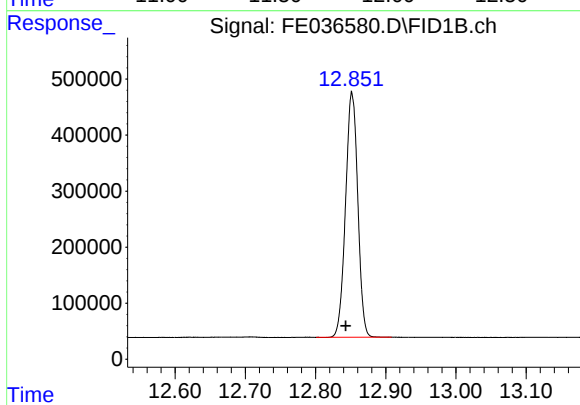
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.008 min
Response: 5447302
Conc: 32.05 ug/ml



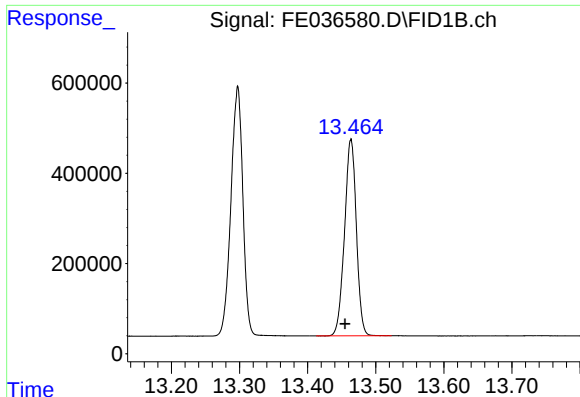
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 5297845
Conc: 31.15 ug/ml



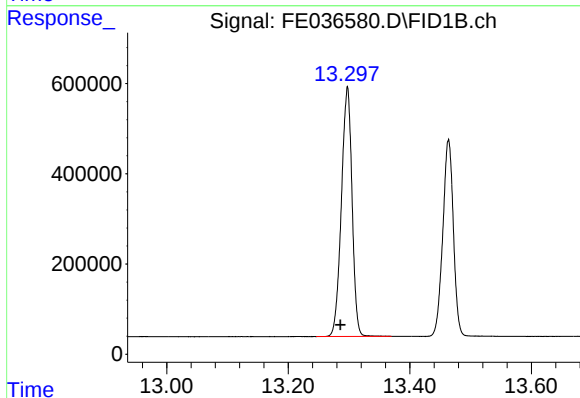
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.009 min
Response: 5257586
Conc: 30.72 ug/ml

Instrument :
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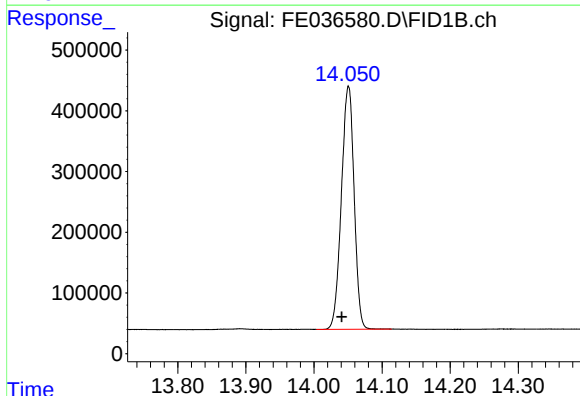
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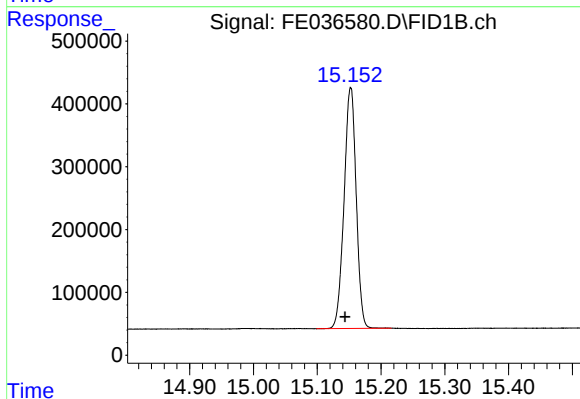
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: 0.012 min
Response: 6736120
Conc: 44.27 ug/ml



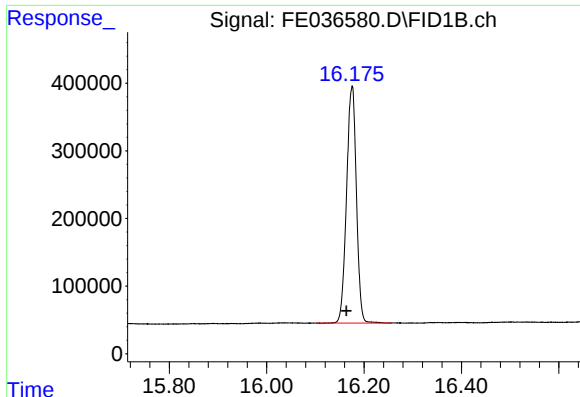
#13 n-Docosane (C22)

R.T.: 14.051 min
Delta R.T.: 0.010 min
Response: 5198533
Conc: 30.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: 0.009 min
Response: 5067127
Conc: 29.73 ug/ml



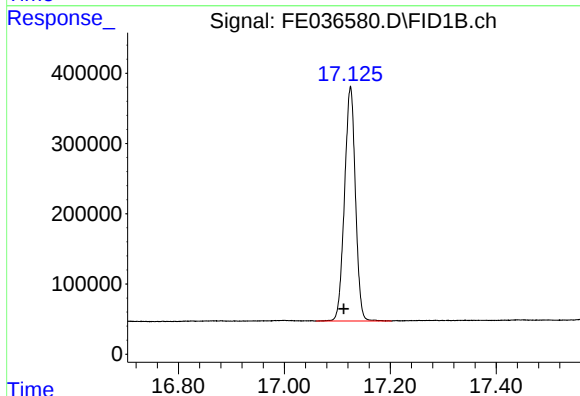
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 4927243
Conc: 29.47 ug/ml

Instrument :
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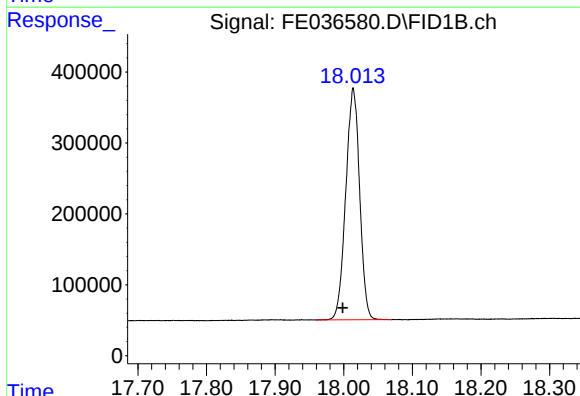
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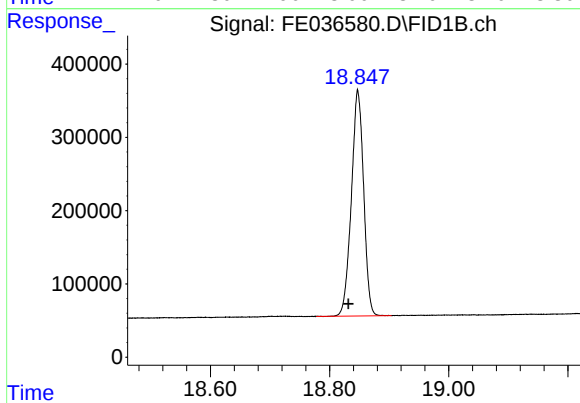
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: 0.013 min
Response: 4766997
Conc: 29.19 ug/ml



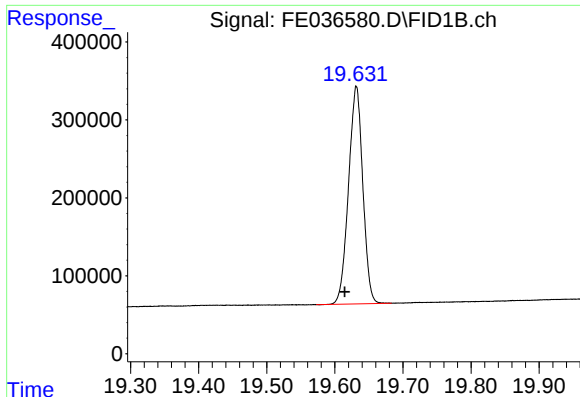
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: 0.015 min
Response: 4586280
Conc: 30.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: 0.016 min
Response: 4399952
Conc: 36.58 ug/ml



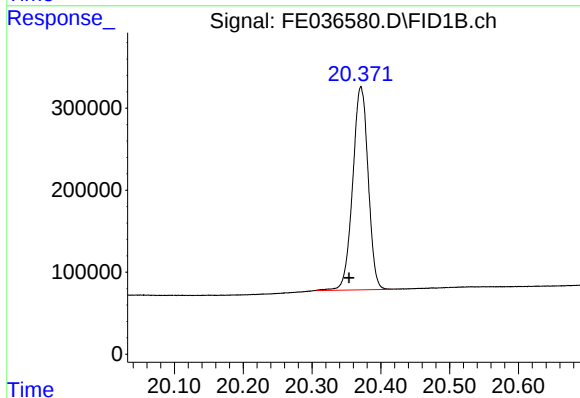
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: 0.017 min
Response: 4067295
Conc: 48.84 ug/ml

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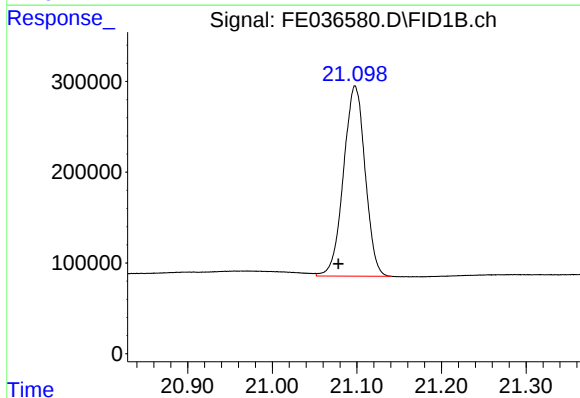
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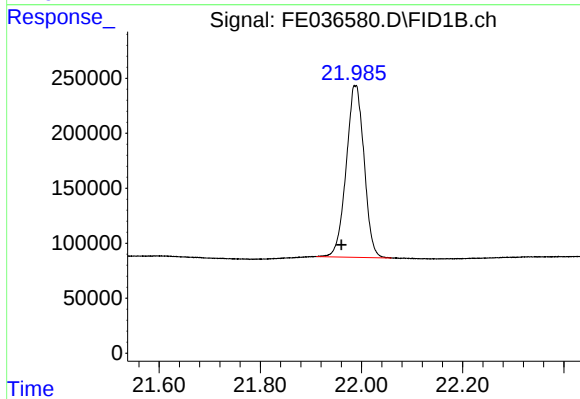
#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: 0.017 min
Response: 3870277
Conc: 65.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: 0.020 min
Response: 3724385
Conc: 74.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: 0.027 min
Response: 3828570
Conc: 74.14 ug/ml