

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061523AL\
 Data File : FE042641.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jun 2023 23:00
 Operator : YP\AJ
 Sample : 03235-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

A-MANHOLEMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e

Quant Time: Jun 16 00:50:58 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.937	4169662	23.614 ug/ml
Spiked Amount 50.000		Recovery =	47.23%
12) S 1-chlorooctadecane (S...	13.373	3260009	24.534 ug/ml
Spiked Amount 50.000		Recovery =	49.07%
Target Compounds			
1) T n-Nonane (C9)	3.321	4154574	28.812 ug/ml
2) T n-Decane (C10)	4.571	4698763	31.741 ug/mlm
3) T A~Naphthalene (C11.7)	6.277	5187273	31.792 ug/ml
4) T n-Dodecane (C12)	6.738	5056769	33.722 ug/ml
5) T A~2-methylnaphthalene...	7.374	5087927	32.059 ug/ml
6) T n-Tetradecane (C14)	8.568	5274890	35.211 ug/ml
7) T n-Hexadecane (C16)	10.175	5816518	37.340 ug/ml
8) T n-Octadecane (C18)	11.619	5975358	37.787 ug/ml
10) T n-Eicosane (C20)	12.929	5916258	39.030 ug/ml
11) T n-Heneicosane (C21)	13.541	5638154	38.056 ug/ml
13) T n-Docosane (C22)	14.127	5524136	37.682 ug/ml
14) T n-Tetracosane (C24)	15.221	10215109	70.763 ug/ml
15) T n-Hexacosane (C26)	16.253	5172438	37.347 ug/ml
16) T n-Octacosane (C28)	17.200	5032641	37.590 ug/ml
17) T n-Tricontane (C30)	18.090	5045748	37.378 ug/ml
18) T n-Dotriacontane (C32)	18.920	4954222	37.085 ug/ml
19) T n-Tetratriacontane (C34)	19.706	5070868	38.559 ug/ml
20) T n-Hexatriacontane (C36)	20.446	4911623	37.790 ug/ml
21) T n-Octatriacontane (C38)	21.191	5133706	37.839 ug/mlm
22) T n-Tetracontane (C40)	22.119	5341005	38.392 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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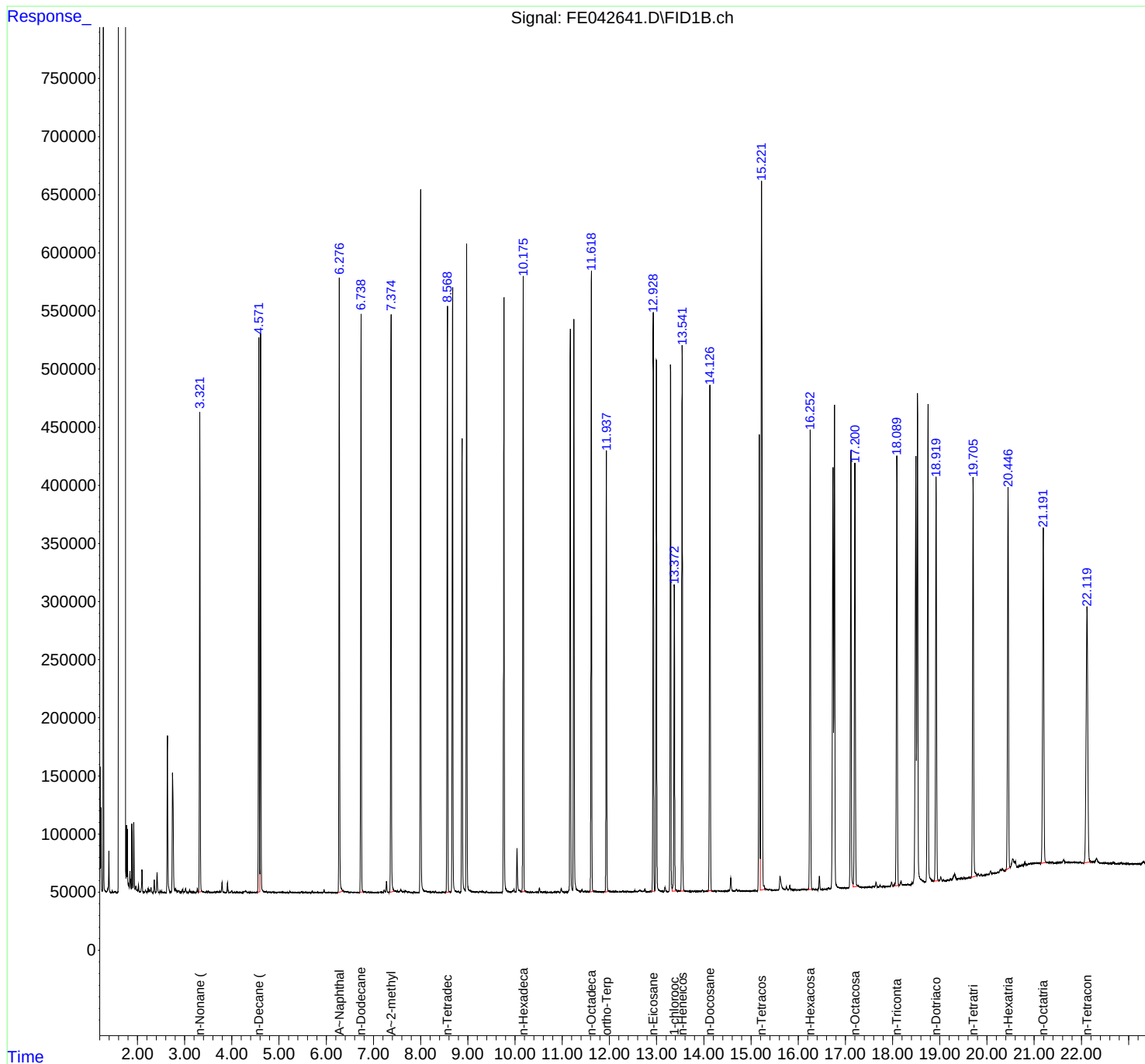
Instrument :
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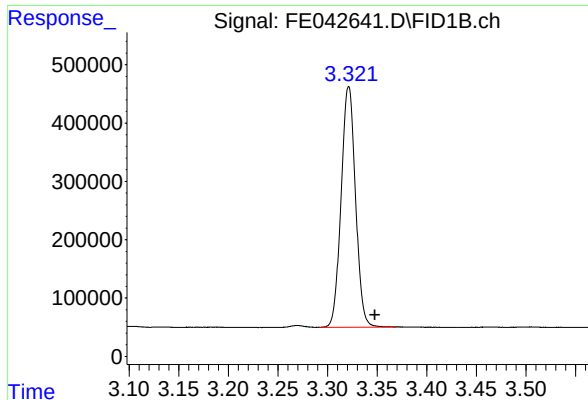
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.027 min
Response: 4154574
Conc: 28.81 ug/ml

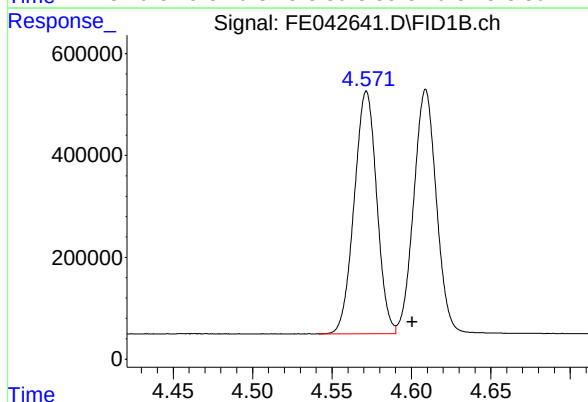
Instrument :

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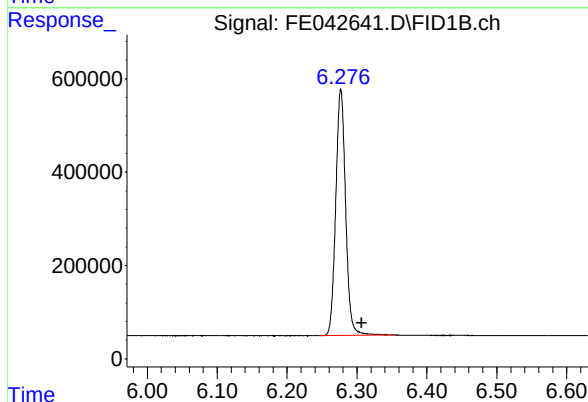
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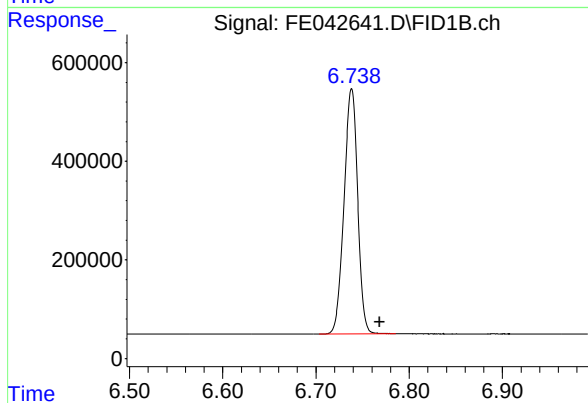
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.029 min
Response: 4698763
Conc: 31.74 ug/ml



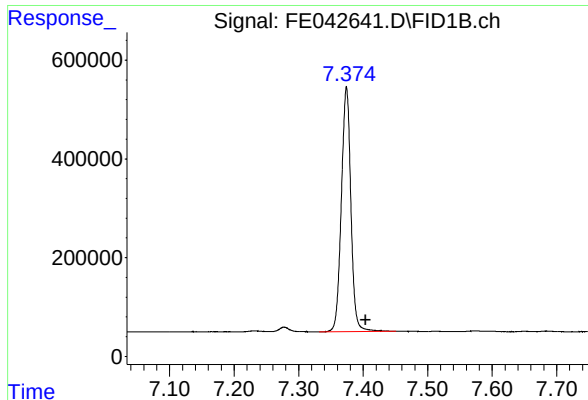
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.030 min
Response: 5187273
Conc: 31.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.030 min
Response: 5056769
Conc: 33.72 ug/ml



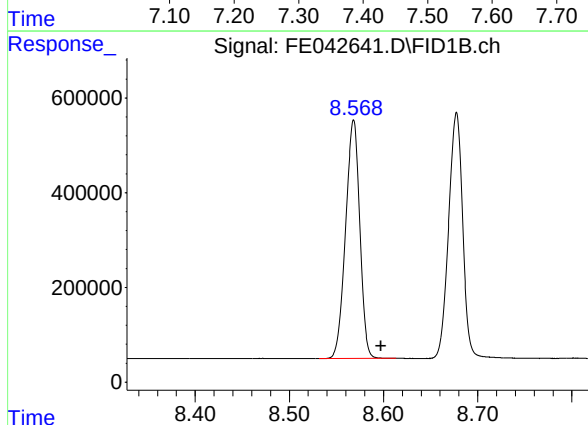
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: -0.029 min
Response: 5087927
Conc: 32.06 ug/ml

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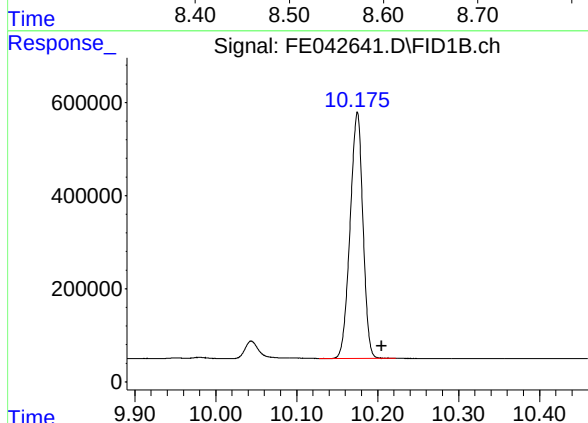
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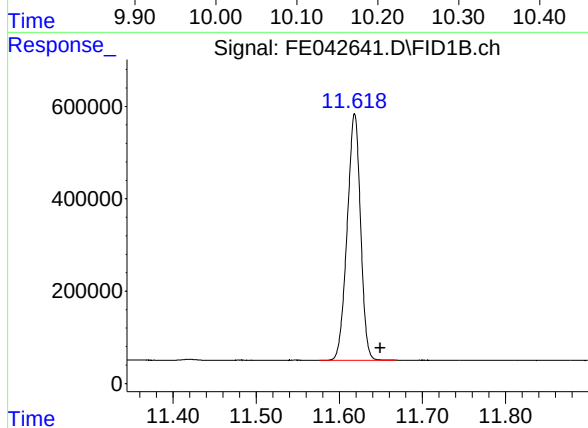
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.029 min
Response: 5274890
Conc: 35.21 ug/ml



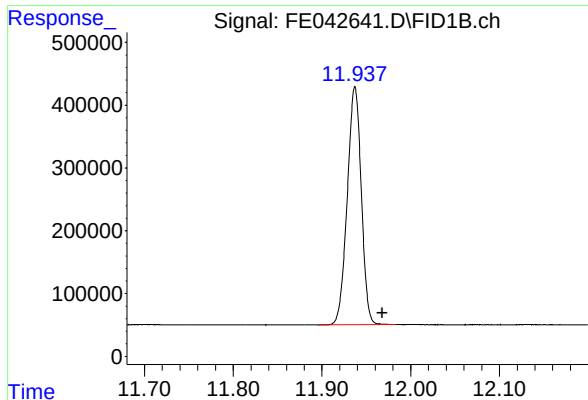
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.030 min
Response: 5816518
Conc: 37.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.031 min
Response: 5975358
Conc: 37.79 ug/ml



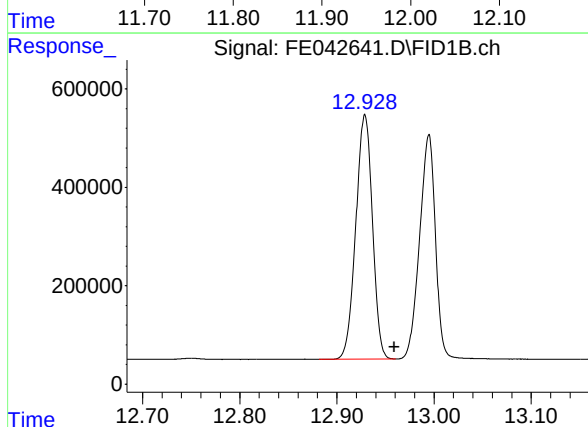
#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: -0.031 min
Response: 4169662
Conc: 23.61 ug/ml

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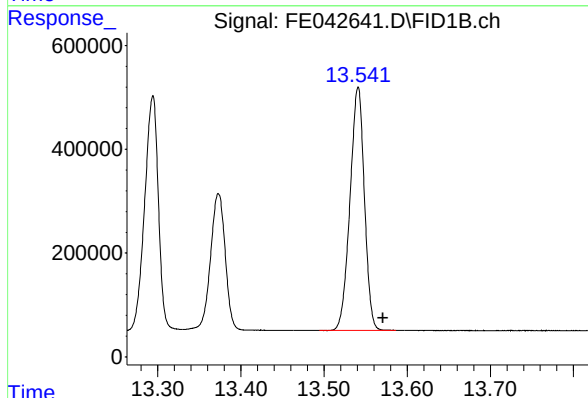
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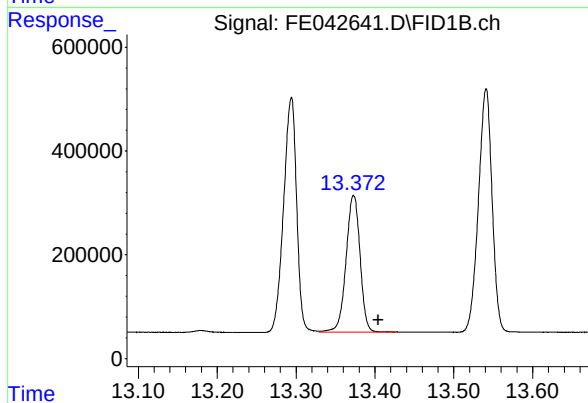
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.030 min
Response: 5916258
Conc: 39.03 ug/ml



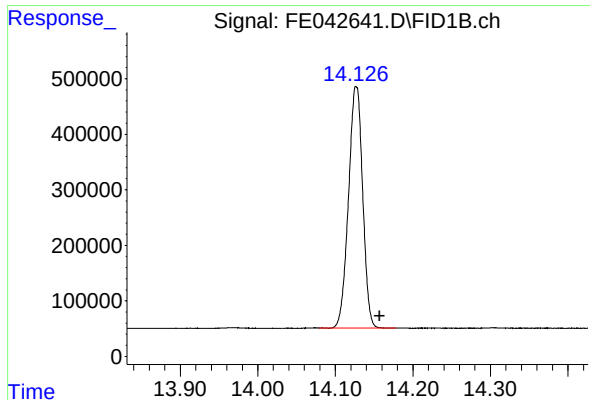
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.030 min
Response: 5638154
Conc: 38.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.031 min
Response: 3260009
Conc: 24.53 ug/ml



#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.030 min
Response: 5524136
Conc: 37.68 ug/ml

Instrument :

FID_E

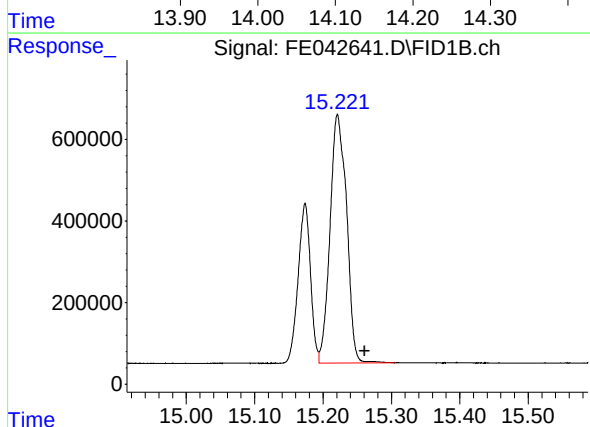
ClientSampleId :

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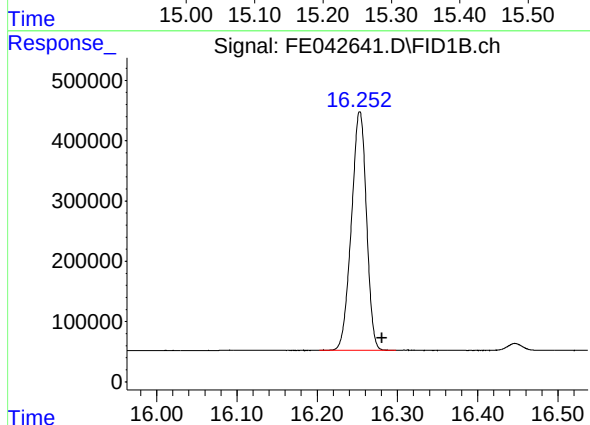
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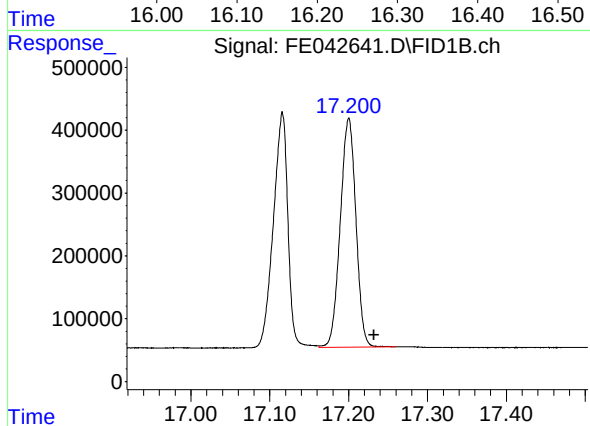
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.040 min
Response: 10215109
Conc: 70.76 ug/ml



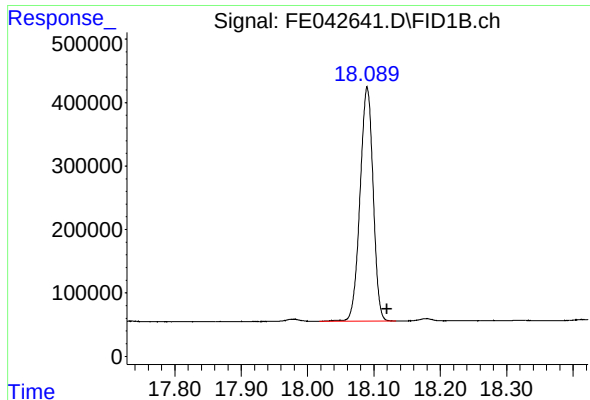
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.028 min
Response: 5172438
Conc: 37.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.032 min
Response: 5032641
Conc: 37.59 ug/ml



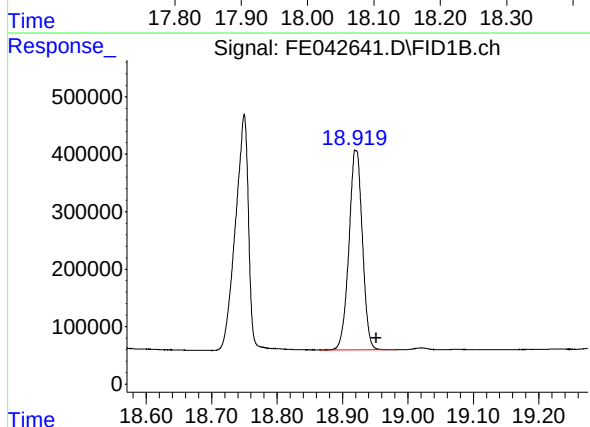
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.030 min
Response: 5045748
Conc: 37.38 ug/ml

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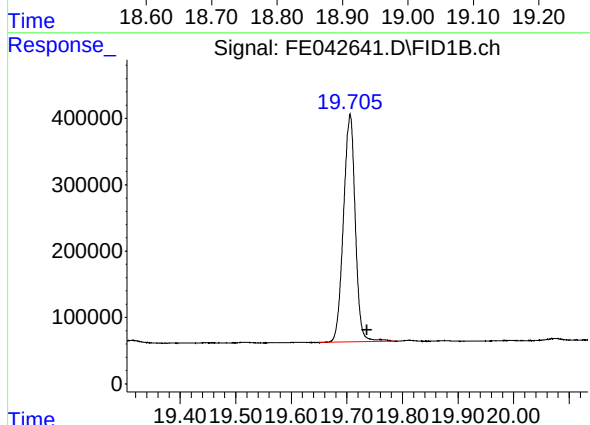
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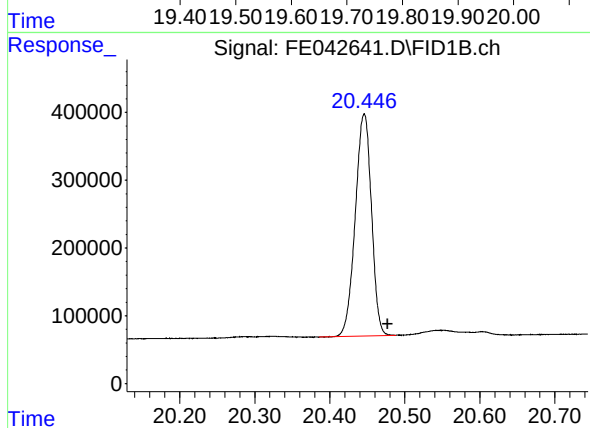
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.031 min
Response: 4954222
Conc: 37.09 ug/ml



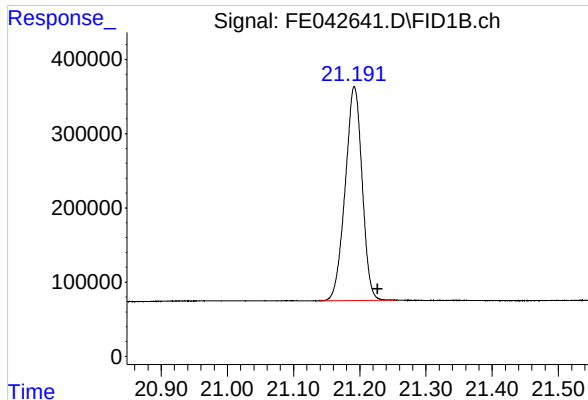
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.031 min
Response: 5070868
Conc: 38.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.031 min
Response: 4911623
Conc: 37.79 ug/ml



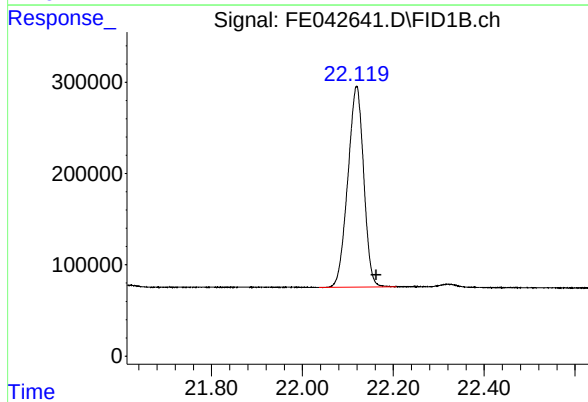
#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.036 min
Response: 5133706
Conc: 37.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.044 min
Response: 5341005
Conc: 38.39 ug/ml