

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039222.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2022 19:07
 Operator : YP\AJ
 Sample : N5963-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RBR200046-03MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2022

Supervised By :Ankita Jodhani 12/12/2022

Integration File: autoint1.e

Quant Time: Dec 11 02:58:02 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M

Quant Title : GC Extractables

QLast Update : Sat Nov 19 05:37:37 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)	11.941	5603135	35.817 ug/ml
Spiked Amount 50.000		Recovery =	71.63%
12) S 1-chlorooctadecane (S...	13.376	4349557	36.024 ug/ml
Spiked Amount 50.000		Recovery =	72.05%
Target Compounds			
1) T n-Nonane (C9)	3.336	3645336	25.717 ug/ml
2) T n-Decane (C10)	4.586	4151031	29.783 ug/ml
3) T A~Naphthalene (C11.7)	6.287	5183489	32.590 ug/ml
4) T n-Dodecane (C12)	6.749	4667249	33.111 ug/ml
5) T A~2-methylnaphthalene...	7.382	5133324	34.298 ug/ml
6) T n-Tetradecane (C14)	8.576	4826729	33.795 ug/ml
7) T n-Hexadecane (C16)	10.181	5195140	35.532 ug/ml
8) T n-Octadecane (C18)	11.623	5488320	37.298 ug/ml
10) T n-Eicosane (C20)	12.931	5338834	37.607 ug/ml
11) T n-Heneicosane (C21)	13.542	5276826	37.135 ug/mlm
13) T n-Docosane (C22)	14.128	5286633	37.819 ug/ml
14) T n-Tetracosane (C24)	15.226	3744573	27.114 ug/mlm
15) T n-Hexacosane (C26)	16.253	5108925	38.037 ug/ml
16) T n-Octacosane (C28)	17.201	4989924	37.575 ug/ml
17) T n-Tricontane (C30)	18.089	4763864	36.073 ug/ml
18) T n-Dotriacontane (C32)	18.920	4812495	36.085 ug/ml
19) T n-Tetratriacontane (C34)	19.704	4500035	34.008 ug/mlm
20) T n-Hexatriacontane (C36)	20.444	4073960	31.711 ug/mlm
21) T n-Octatriacontane (C38)	21.182	3880587	29.615 ug/ml
22) T n-Tetracontane (C40)	22.097	3582239	26.308 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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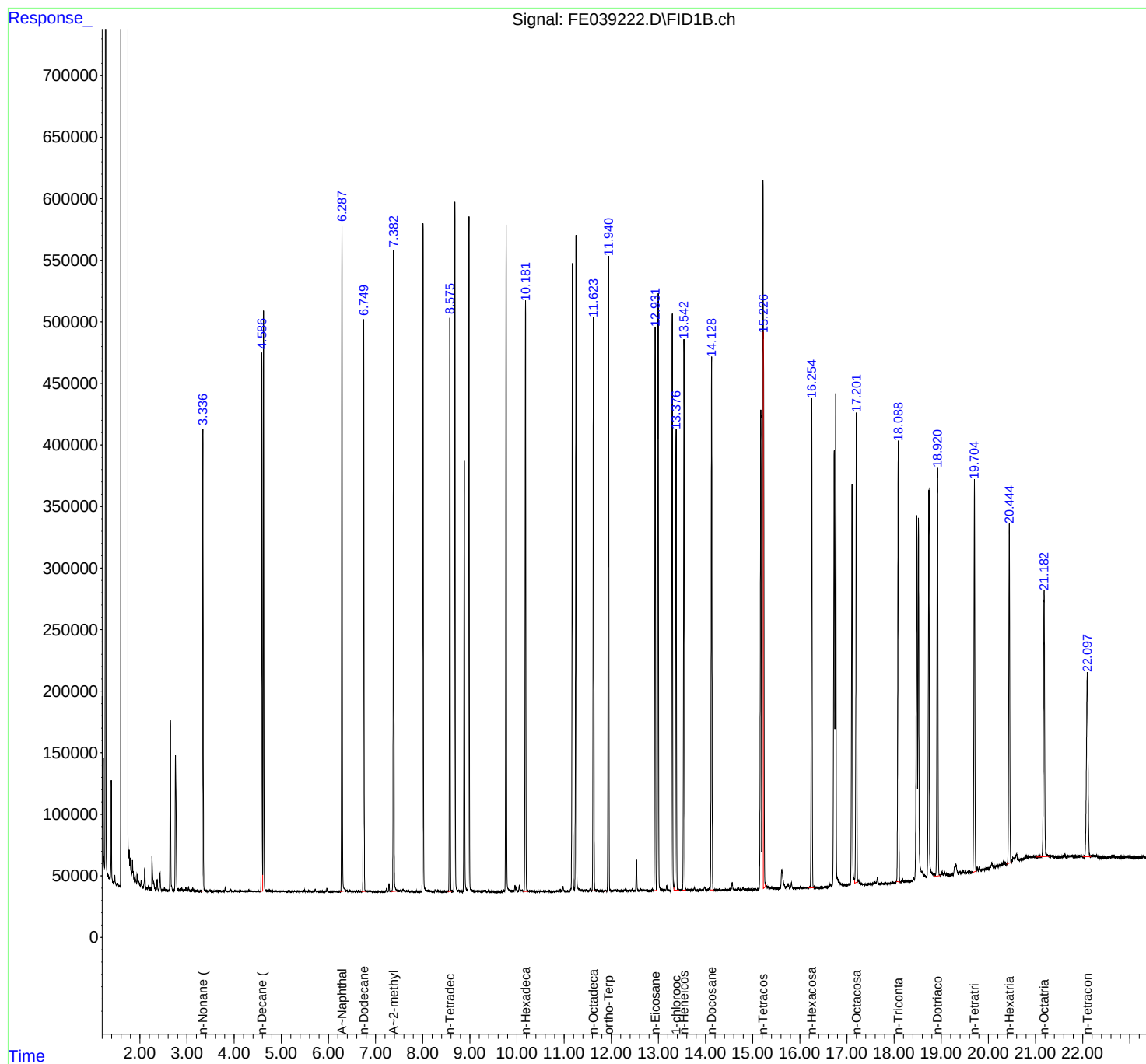
Instrument :
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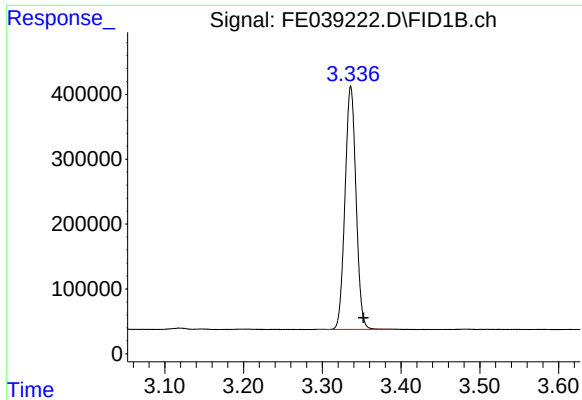
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 3645336
Conc: 25.72 ug/ml

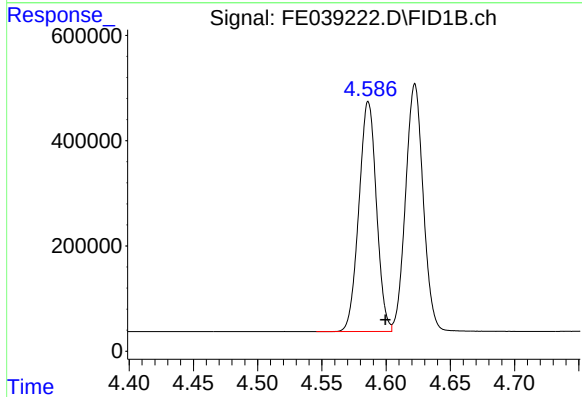
Instrument :

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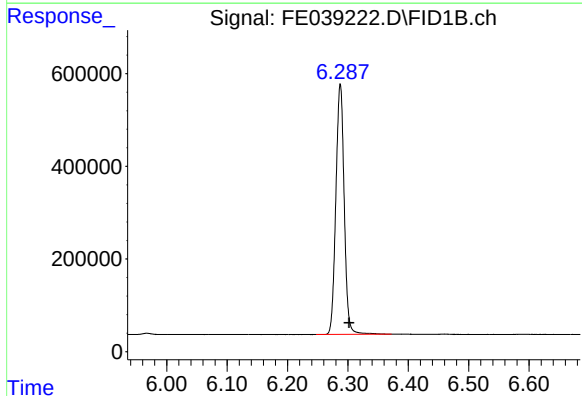
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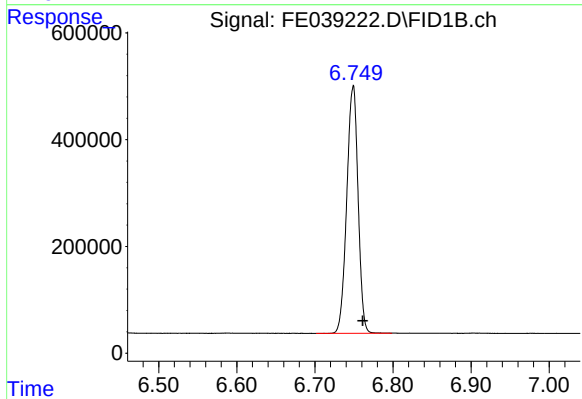
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.013 min
Response: 4151031
Conc: 29.78 ug/ml



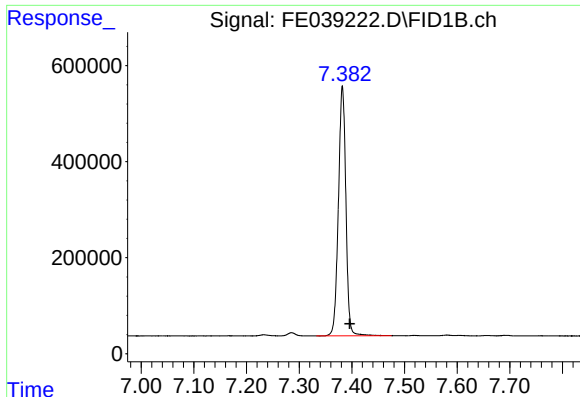
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 5183489
Conc: 32.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.012 min
Response: 4667249
Conc: 33.11 ug/ml



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

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 5133324
Conc: 34.30 ug/ml

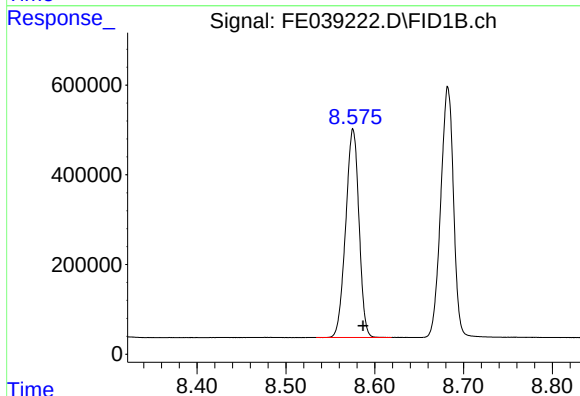
Instrument :

FID_E

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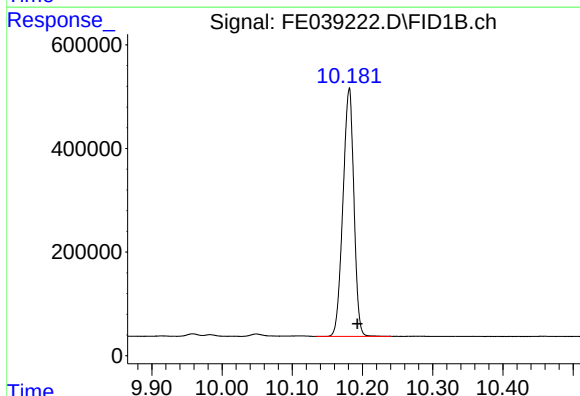
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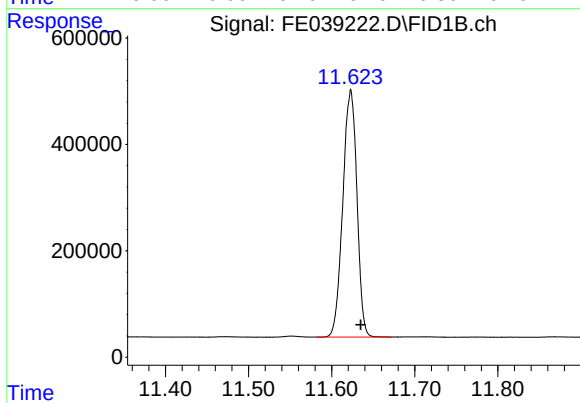
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.011 min
Response: 4826729
Conc: 33.80 ug/ml



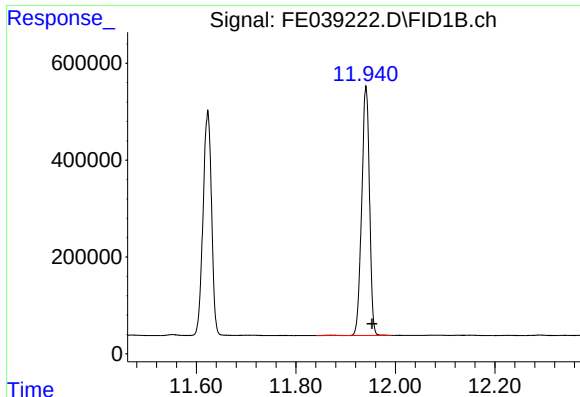
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 5195140
Conc: 35.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 5488320
Conc: 37.30 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.012 min
Response: 5603135
Conc: 35.82 ug/ml

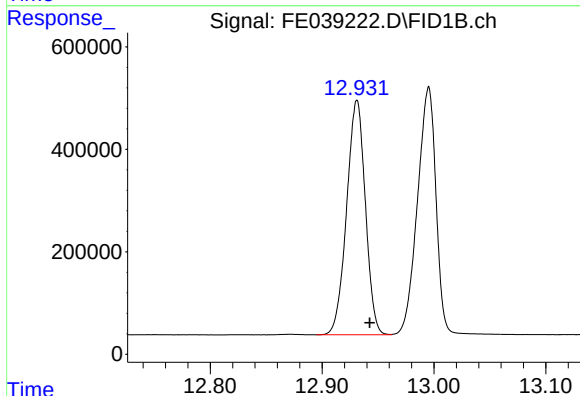
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FID_E

ClientSampleId :
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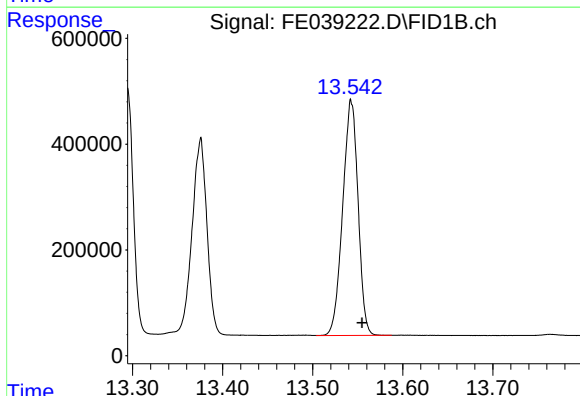
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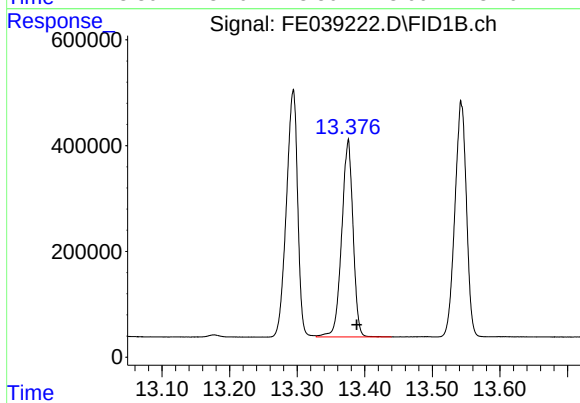
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.012 min
Response: 5338834
Conc: 37.61 ug/ml



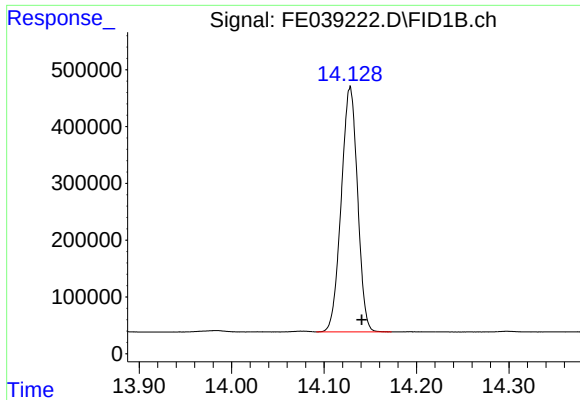
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.013 min
Response: 5276826
Conc: 37.13 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.012 min
Response: 4349557
Conc: 36.02 ug/ml



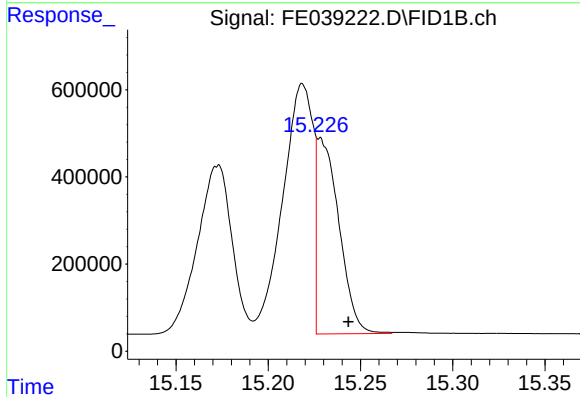
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.013 min
Response: 5286633
Conc: 37.82 ug/ml

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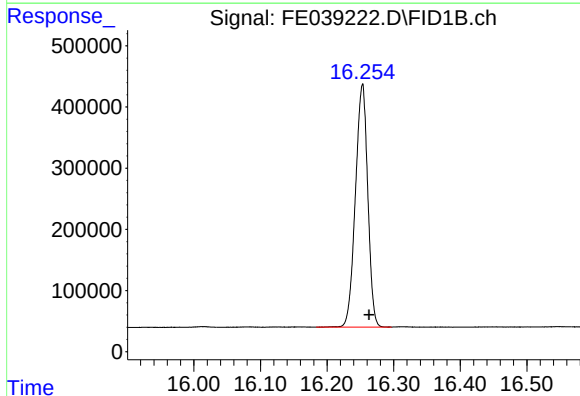
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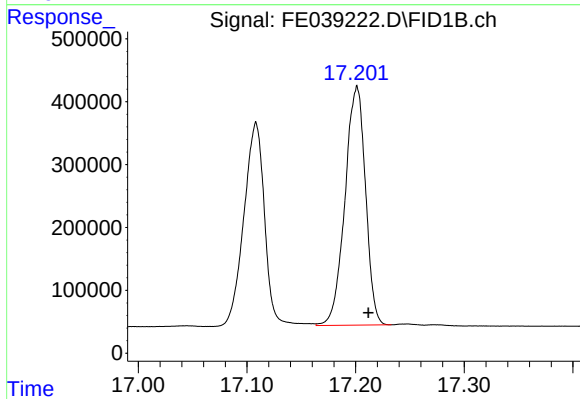
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.018 min
Response: 3744573
Conc: 27.11 ug/ml m



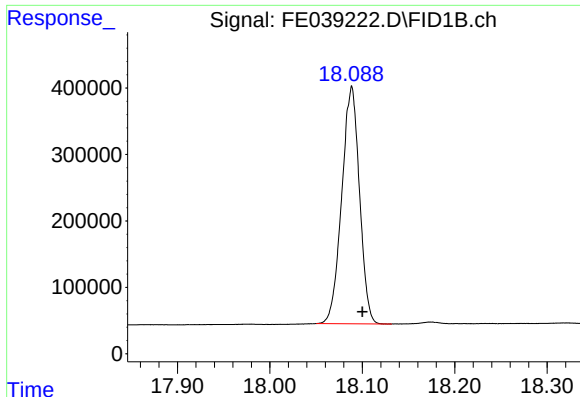
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 5108925
Conc: 38.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.011 min
Response: 4989924
Conc: 37.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.012 min
Response: 4763864
Conc: 36.07 ug/ml

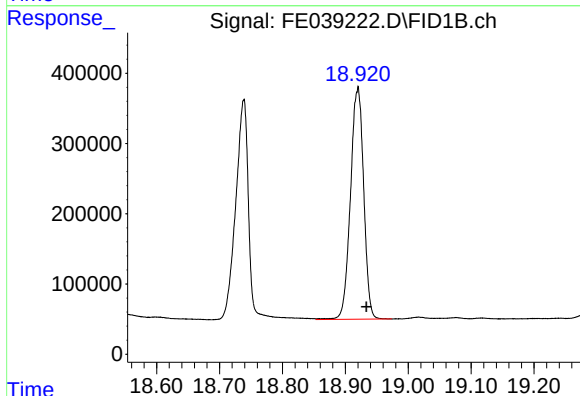
Instrument :

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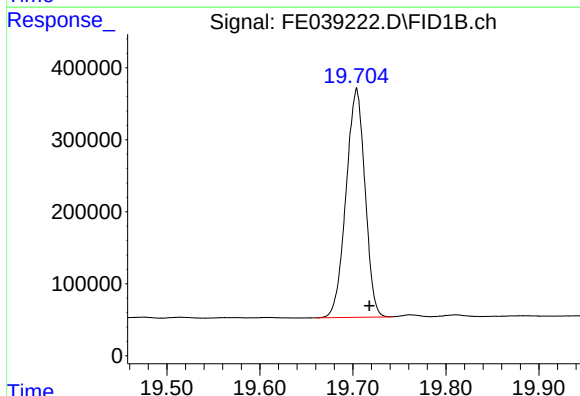
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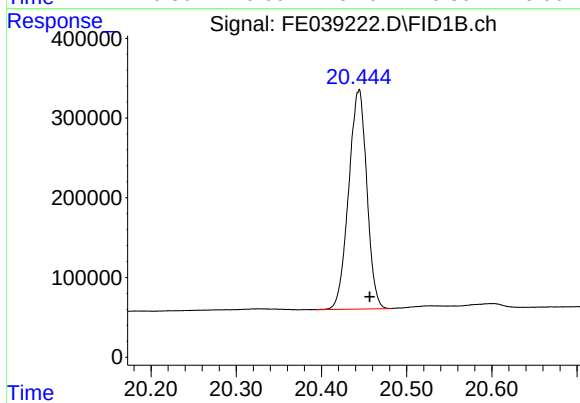
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.013 min
Response: 4812495
Conc: 36.08 ug/ml



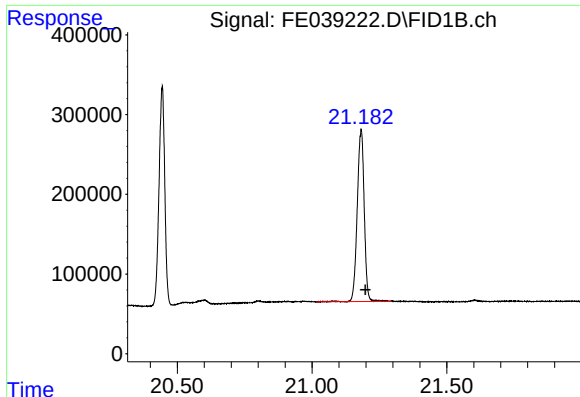
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 4500035
Conc: 34.01 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.012 min
Response: 4073960
Conc: 31.71 ug/ml m



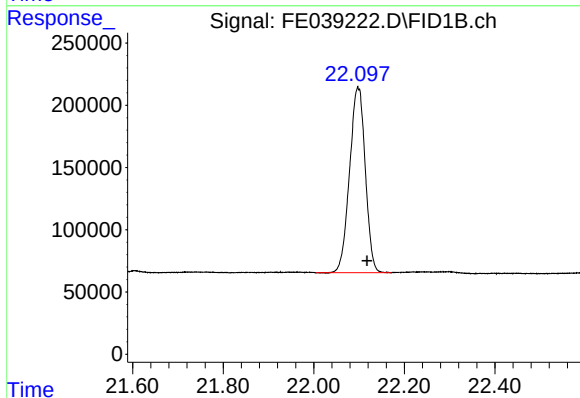
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.015 min
Response: 3880587
Conc: 29.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.020 min
Response: 3582239
Conc: 26.31 ug/ml