

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045113.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 19:49
 Operator : YP\AJ
 Sample : 05164-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-352MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

Integration File: autoint1.e

Quant Time: Nov 01 00:00:09 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 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)	11.901	5403338	26.954 ug/ml
Spiked Amount 50.000		Recovery =	53.91%
12) S 1-chlorooctadecane (S...	13.343	4298247	29.045 ug/ml
Spiked Amount 50.000		Recovery =	58.09%
Target Compounds			
1) T n-Nonane (C9)	3.287	6403638	38.173 ug/ml
2) T n-Decane (C10)	4.538	7217580	42.369 ug/ml
3) T A~Naphthalene (C11.7)	6.237	7995917	43.194 ug/ml
4) T n-Dodecane (C12)	6.702	7807620	45.230 ug/ml
5) T A~2-methylnaphthalene...	7.334	7999275	44.344 ug/ml
6) T n-Tetradecane (C14)	8.531	8194134	47.785 ug/ml
7) T n-Hexadecane (C16)	10.140	8671252	49.587 ug/ml
8) T n-Octadecane (C18)	11.588	8819318	50.565 ug/ml
10) T n-Eicosane (C20)	12.901	8753263	52.405 ug/ml
11) T n-Heneicosane (C21)	13.513	8350304	51.225 ug/ml
13) T n-Docosane (C22)	14.102	8252646	51.594 ug/ml
14) T n-Tetracosane (C24)	15.197	16473196	106.144 ug/ml
15) T n-Hexacosane (C26)	16.234	7963492	53.042 ug/ml
16) T n-Octacosane (C28)	17.185	8085239	55.060 ug/ml
17) T n-Tricontane (C30)	18.078	8122364	54.612 ug/ml
18) T n-Dotriacontane (C32)	18.909	8488547	56.554 ug/ml
19) T n-Tetratriacontane (C34)	19.694	8201418	55.093 ug/mlm
20) T n-Hexatriacontane (C36)	20.438	7947663	51.695 ug/mlm
21) T n-Octatriacontane (C38)	21.181	7982612	51.102 ug/mlm
22) T n-Tetracontane (C40)	22.104	10279589	61.509 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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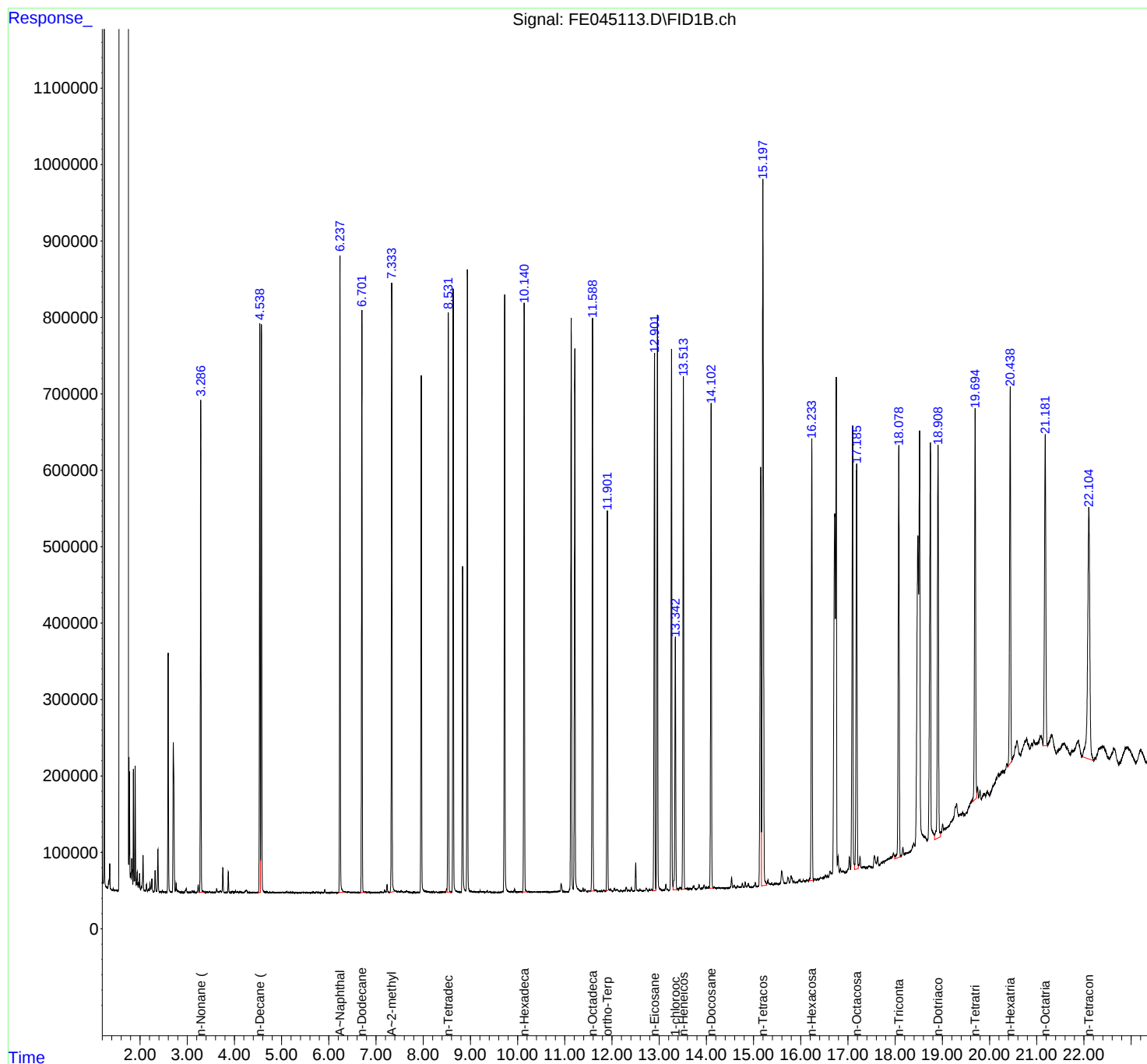
Instrument :
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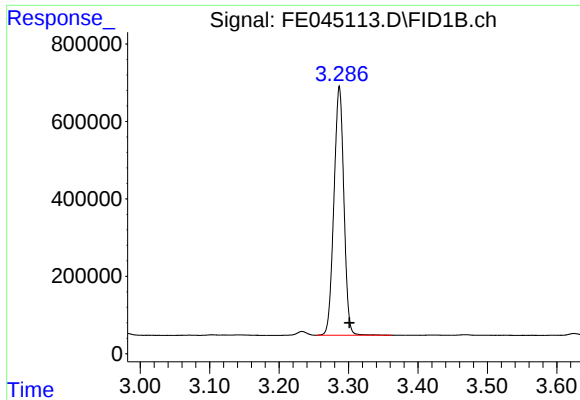
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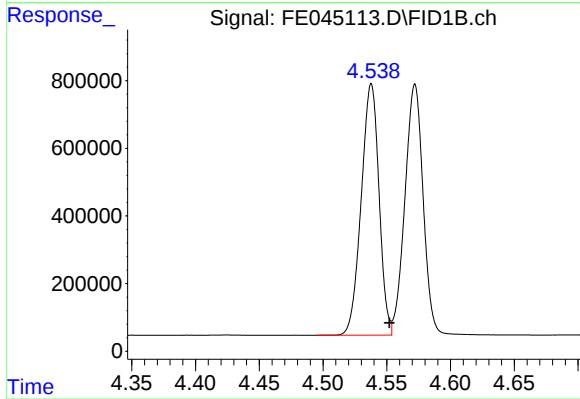
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.014 min
Response: 6403638
Conc: 38.17 ug/ml

Instrument :
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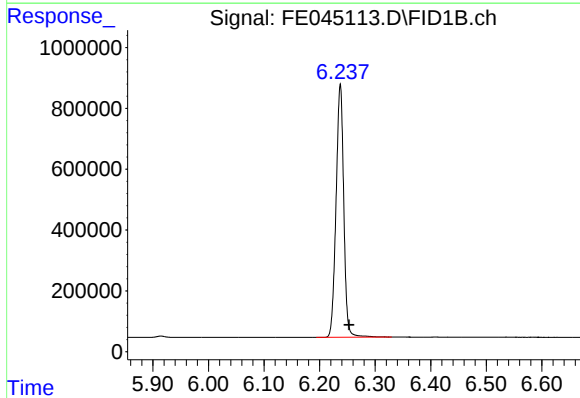
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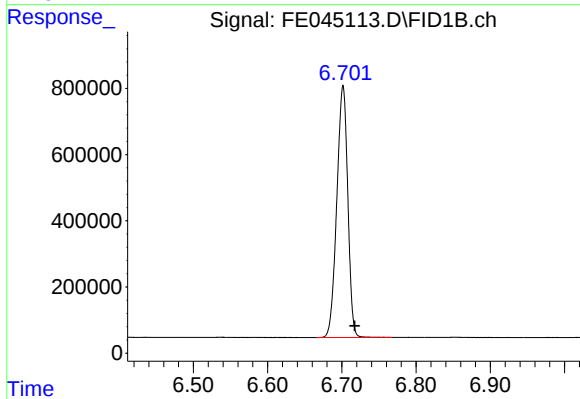
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.014 min
Response: 7217580
Conc: 42.37 ug/ml



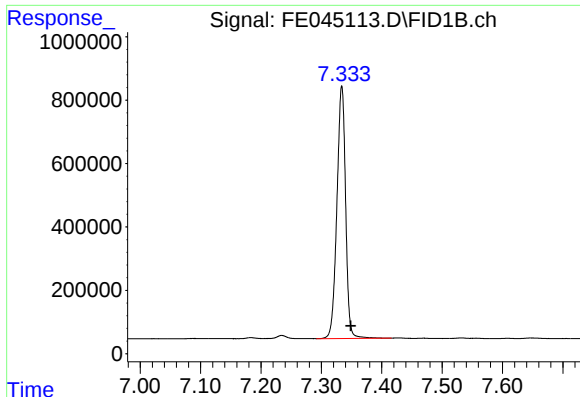
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.016 min
Response: 7995917
Conc: 43.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.016 min
Response: 7807620
Conc: 45.23 ug/ml



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

R.T.: 7.334 min
Delta R.T.: -0.015 min
Response: 7999275
Conc: 44.34 ug/ml

Instrument :

FID_E

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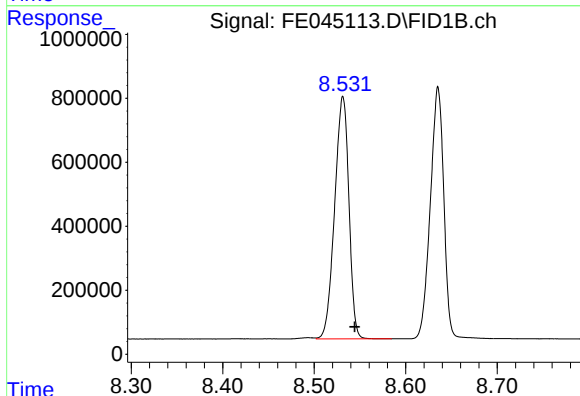
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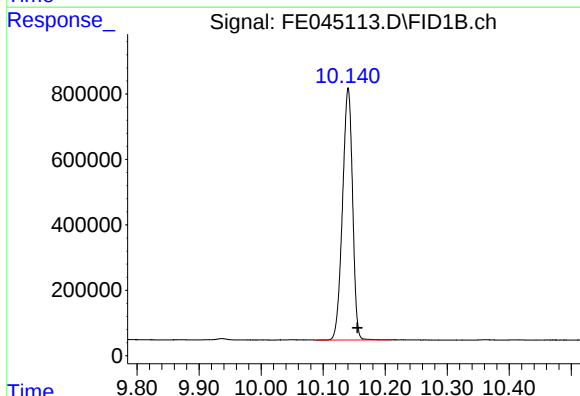
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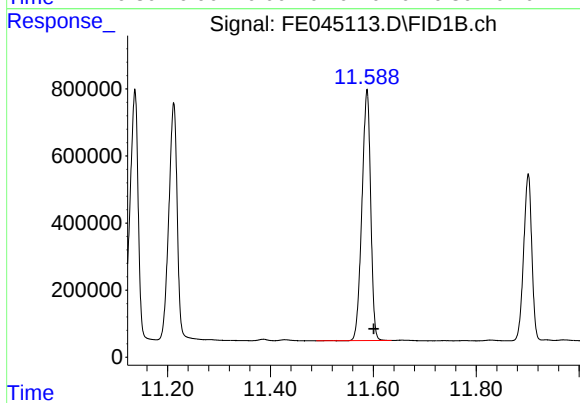
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 8194134
Conc: 47.79 ug/ml



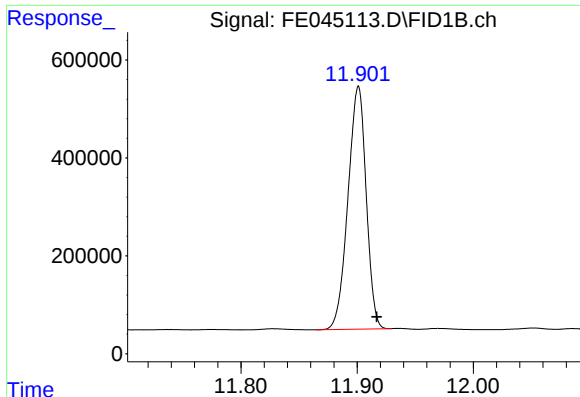
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.015 min
Response: 8671252
Conc: 49.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.013 min
Response: 8819318
Conc: 50.57 ug/ml



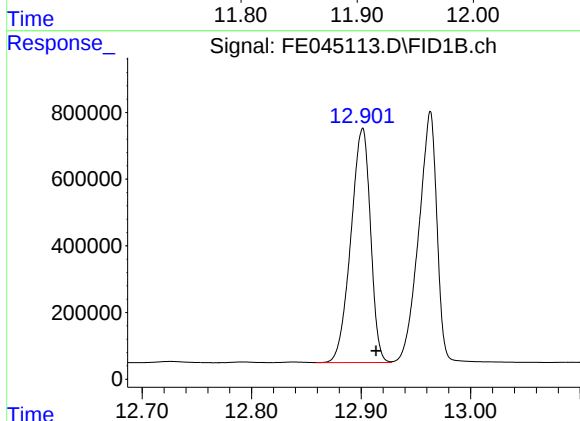
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 5403338
Conc: 26.95 ug/ml

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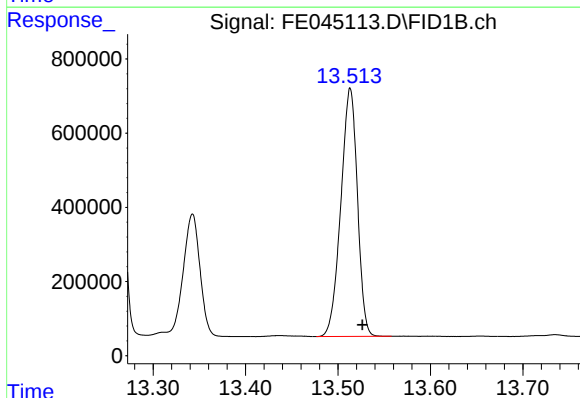
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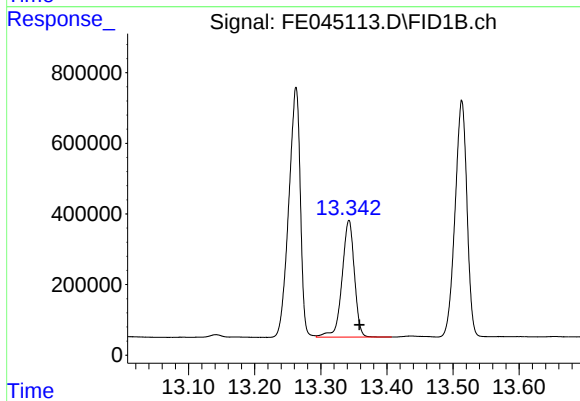
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.012 min
Response: 8753263
Conc: 52.41 ug/ml



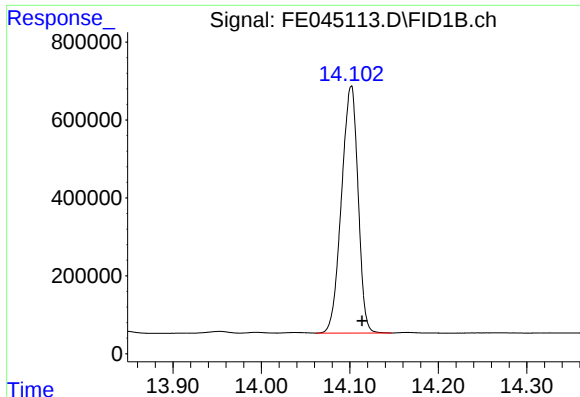
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: -0.013 min
Response: 8350304
Conc: 51.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.016 min
Response: 4298247
Conc: 29.04 ug/ml



#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: -0.012 min
Response: 8252646
Conc: 51.59 ug/ml

Instrument :

FID_E

ClientSampleId :

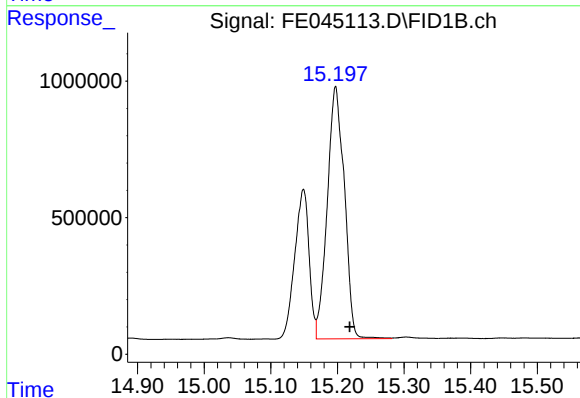
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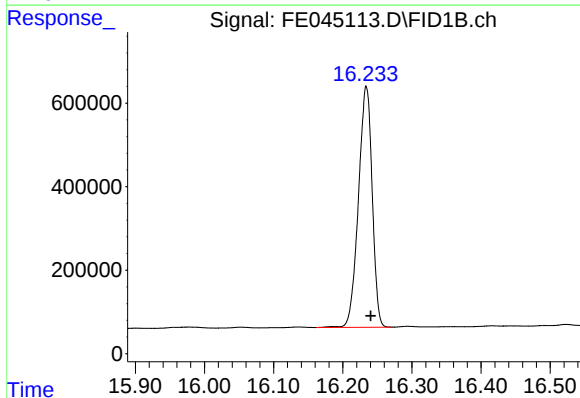
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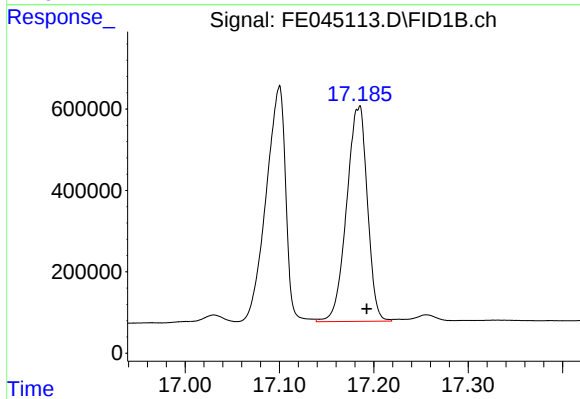
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.021 min
Response: 16473196
Conc: 106.14 ug/ml



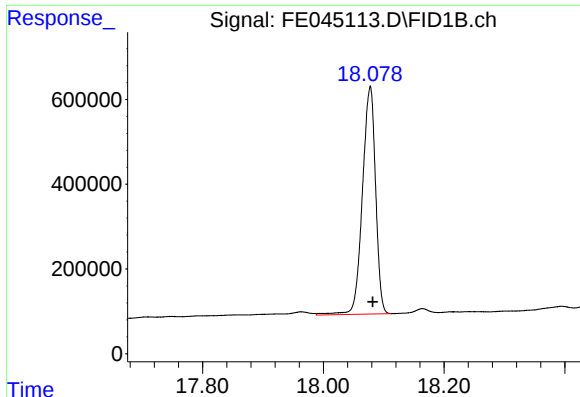
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.007 min
Response: 7963492
Conc: 53.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.008 min
Response: 8085239
Conc: 55.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.004 min
Response: 8122364
Conc: 54.61 ug/ml

Instrument :

FID_E

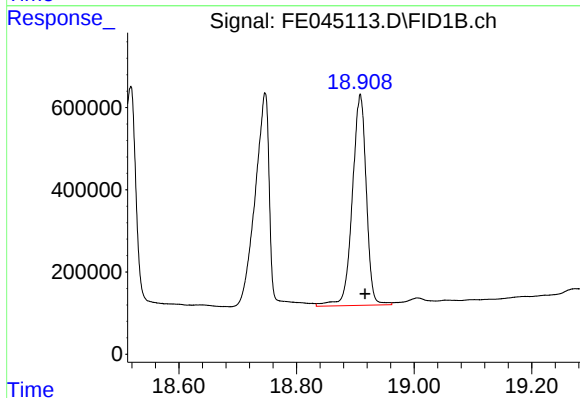
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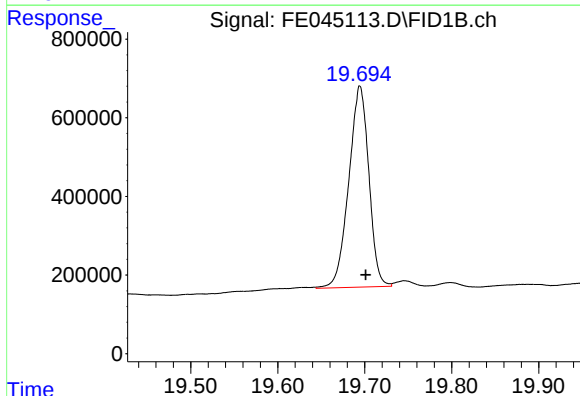
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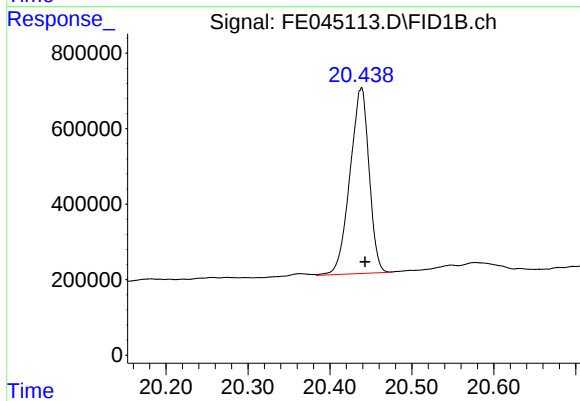
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.008 min
Response: 8488547
Conc: 56.55 ug/ml



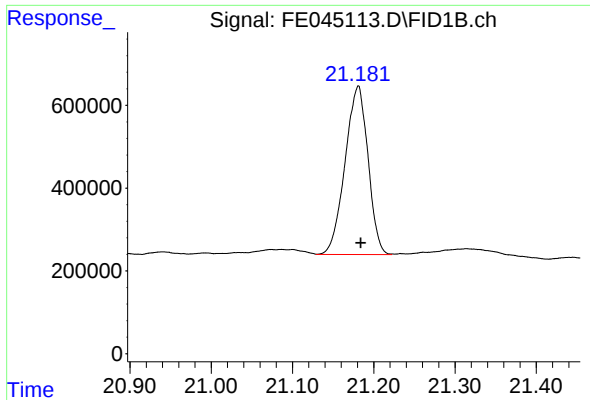
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.008 min
Response: 8201418
Conc: 55.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.004 min
Response: 7947663
Conc: 51.70 ug/ml m



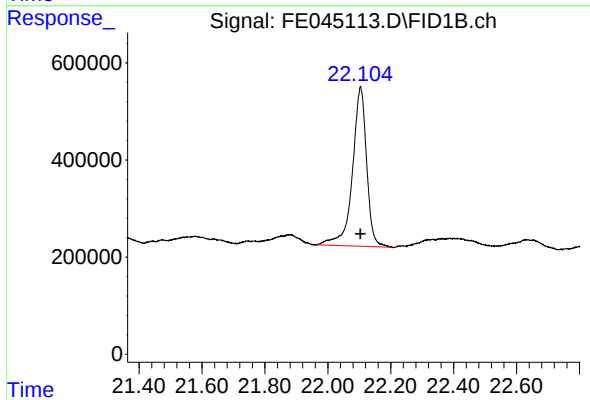
#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.003 min
Response: 7982612
Conc: 51.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 10279589
Conc: 61.51 ug/ml m