

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046517.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2024 17:30
 Operator : YP\AJ
 Sample : P1306-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SS-01MS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024

Integration File: sample.E

Quant Time: Feb 02 05:38:00 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

Qlast Update : Thu Jan 25 14:56:03 2024

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)	11.822	2065156	11.168 ug/ml
Spiked Amount 50.000		Recovery =	22.34%
12) S 1-chlorooctadecane (S...	13.264	1945214	13.672 ug/ml
Spiked Amount 50.000		Recovery =	27.34%
Target Compounds			
1) T n-Nonane (C9)	3.212	3707532	22.953 ug/ml
2) T n-Decane (C10)	4.462	4288218	26.166 ug/ml
3) T A~Naphthalene (C11.7)	6.164	5161908	30.187 ug/ml
4) T n-Dodecane (C12)	6.628	5021002	30.355 ug/ml
5) T A~2-methylnaphthalene...	7.260	5279922	33.105 ug/ml
6) T n-Tetradecane (C14)	8.456	5585255	34.078 ug/ml
7) T n-Hexadecane (C16)	10.064	5833089	34.136 ug/ml
8) T n-Octadecane (C18)	11.509	5983093	34.319 ug/ml
10) T n-Eicosane (C20)	12.820	5927670	34.913 ug/ml
11) T n-Heneicosane (C21)	13.433	5668925	33.988 ug/ml
13) T n-Docosane (C22)	14.019	5570131	33.622 ug/ml
14) T n-Tetracosane (C24)	15.123	12443344	75.413 ug/ml
15) T n-Hexacosane (C26)	16.148	5320005	32.961 ug/ml
16) T n-Octacosane (C28)	17.097	6595480	42.015 ug/mlm
17) T n-Tricontane (C30)	17.989	5241131	33.461 ug/ml
18) T n-Dotriacontane (C32)	18.821	5437039	35.969 ug/mlm
19) T n-Tetratriacontane (C34)	19.609	4895341	34.514 ug/ml
20) T n-Hexatriacontane (C36)	20.349	4611036	33.452 ug/ml
21) T n-Octatriacontane (C38)	21.079	4861891	37.926 ug/ml
22) T n-Tetracontane (C40)	21.970	4739819	37.907 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P1306-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

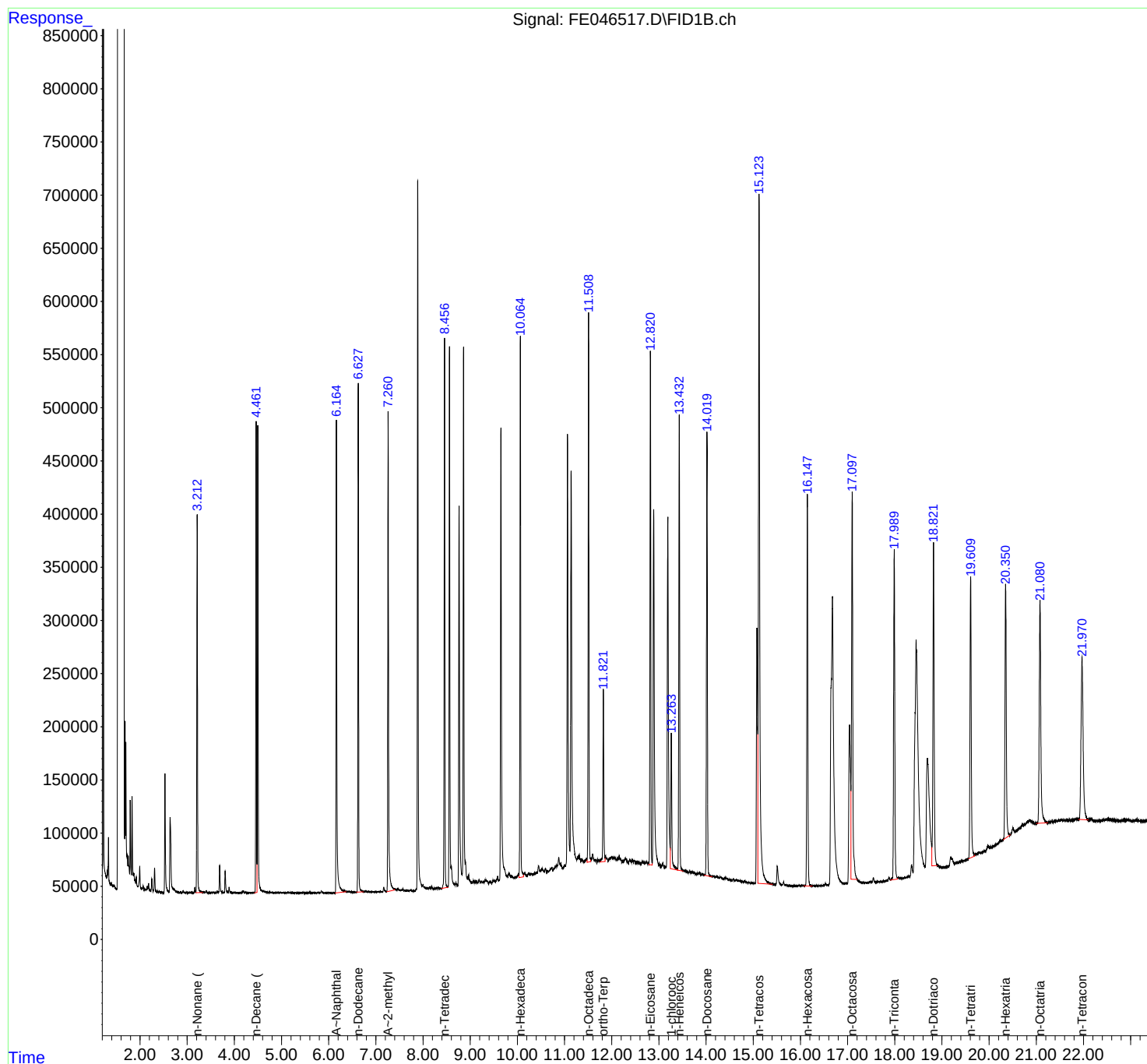
Instrument :
FID_E
ClientSampleId :
SS-01MS

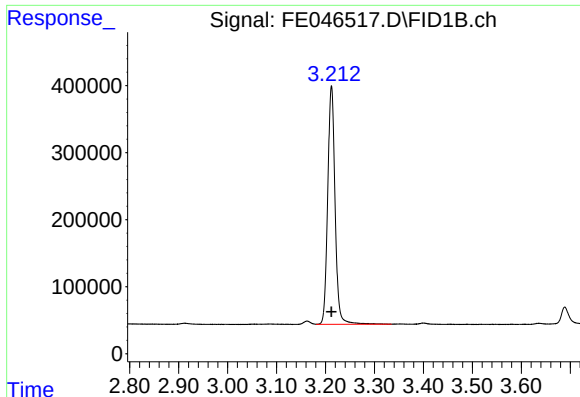
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Signal Info : 20M x 0.18mm x 0.18um





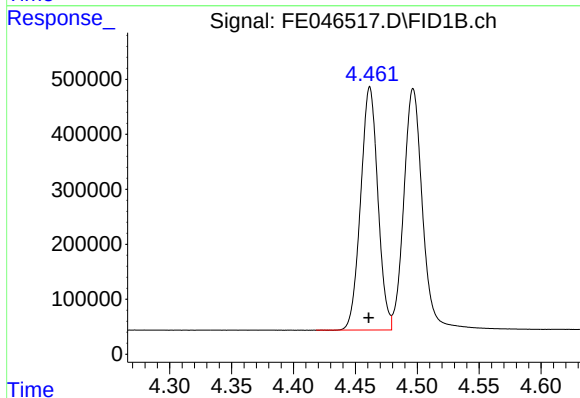
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: 0.000 min
Response: 3707532
Conc: 22.95 ug/ml

Instrument :
FID_E
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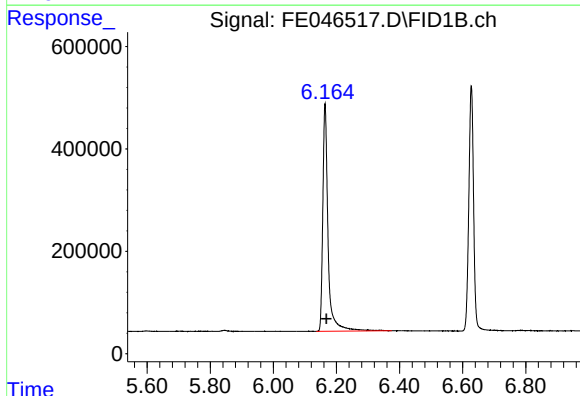
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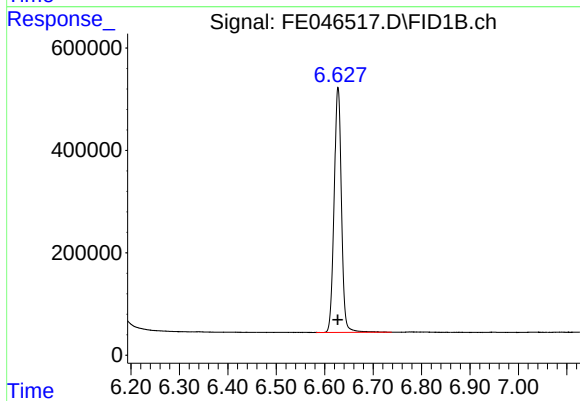
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 4288218
Conc: 26.17 ug/ml



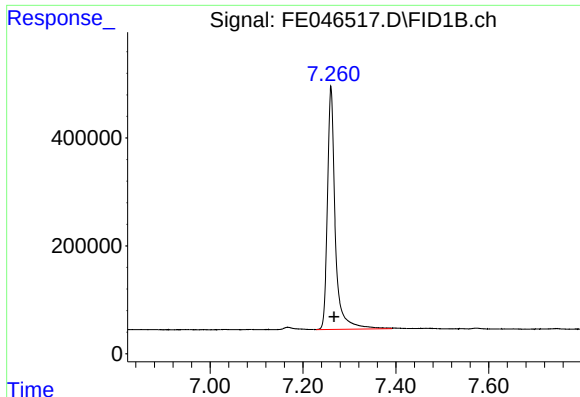
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 5161908
Conc: 30.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 5021002
Conc: 30.35 ug/ml



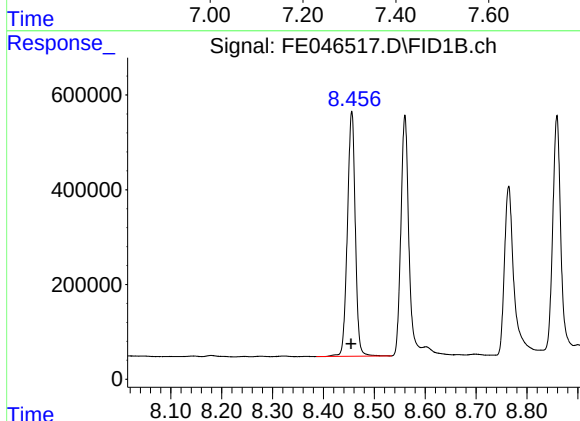
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.007 min
Response: 5279922
Conc: 33.10 ug/ml

Instrument :
FID_E
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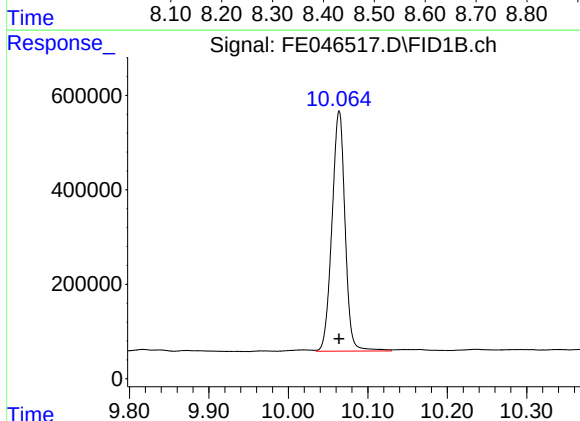
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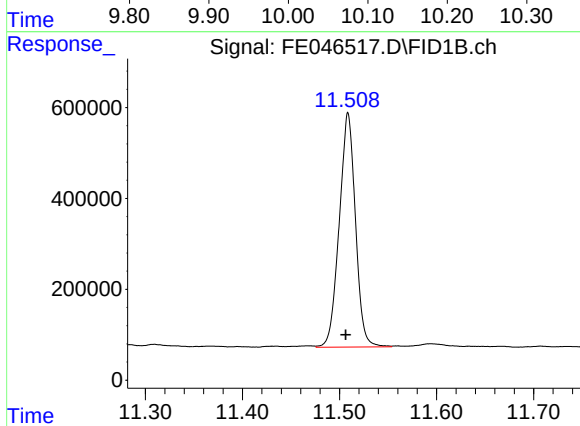
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 5585255
Conc: 34.08 ug/ml



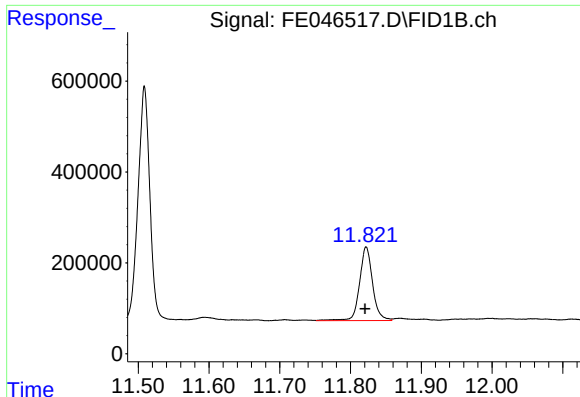
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 5833089
Conc: 34.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.002 min
Response: 5983093
Conc: 34.32 ug/ml



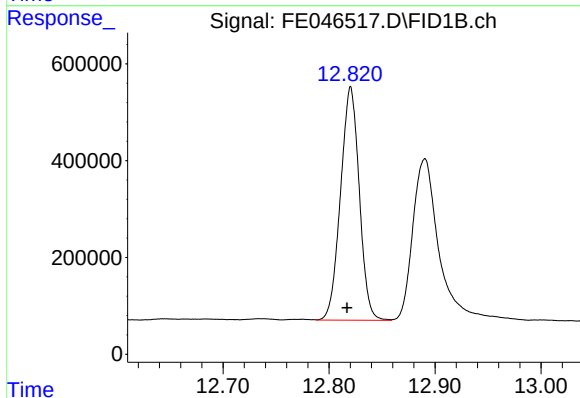
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.002 min
Response: 2065156
Conc: 11.17 ug/ml

Instrument :
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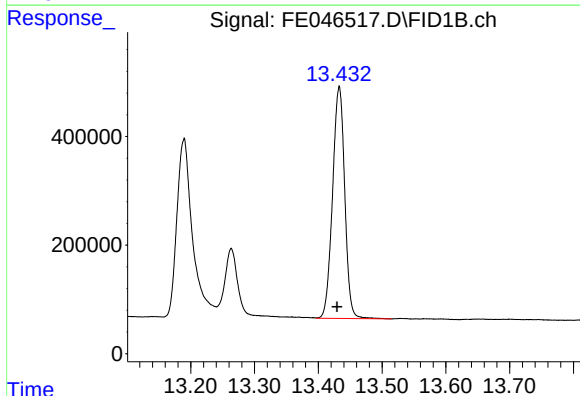
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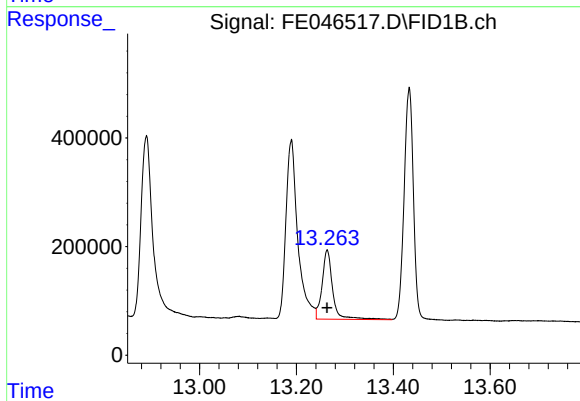
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.003 min
Response: 5927670
Conc: 34.91 ug/ml



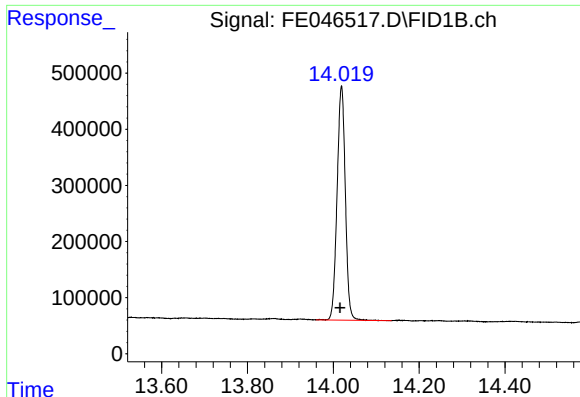
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.004 min
Response: 5668925
Conc: 33.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 1945214
Conc: 13.67 ug/ml



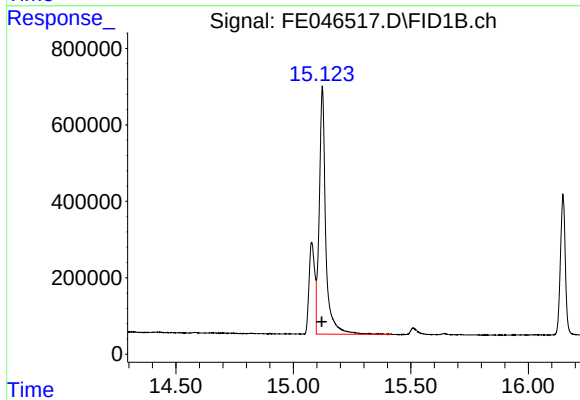
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: 0.003 min
Response: 5570131
Conc: 33.62 ug/ml

Instrument :
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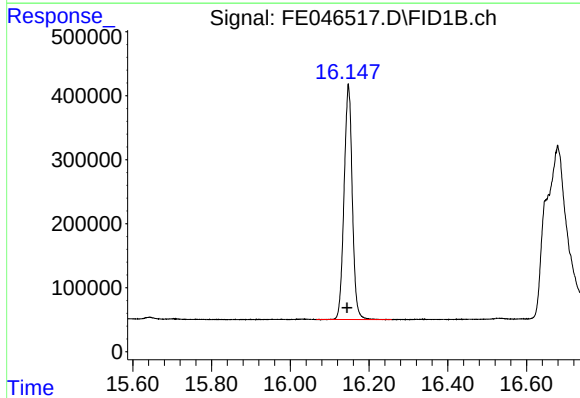
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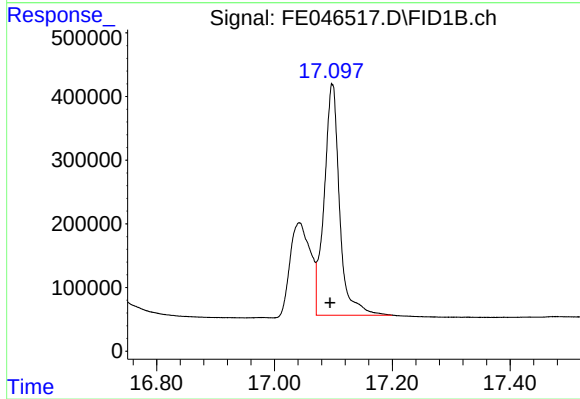
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: 0.002 min
Response: 12443344
Conc: 75.41 ug/ml



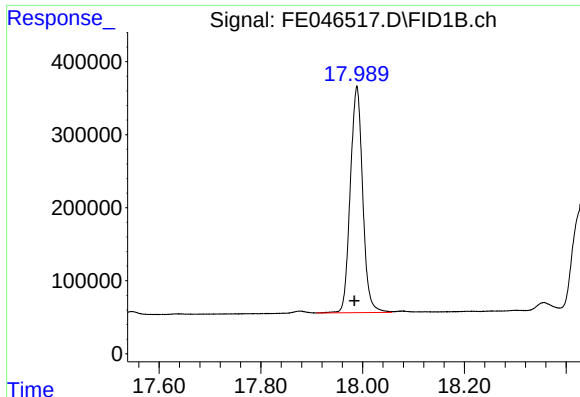
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: 0.004 min
Response: 5320005
Conc: 32.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.097 min
Delta R.T.: 0.002 min
Response: 6595480
Conc: 42.01 ug/ml m



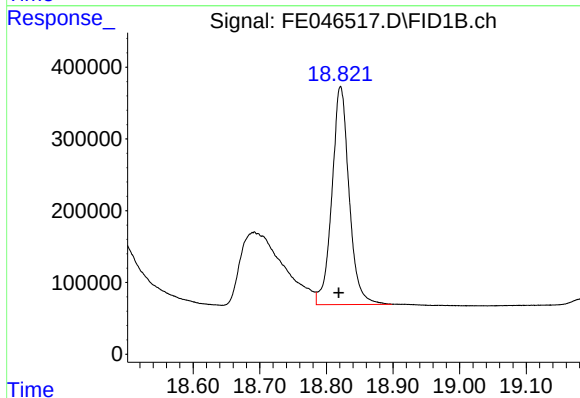
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: 0.005 min
Response: 5241131
Conc: 33.46 ug/ml

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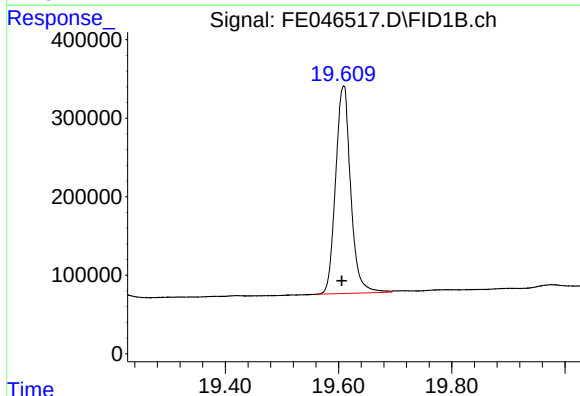
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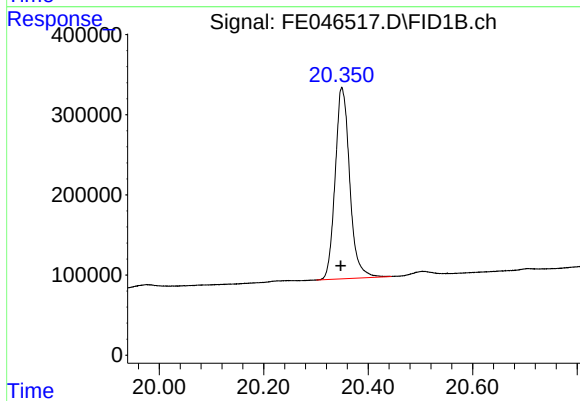
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.002 min
Response: 5437039
Conc: 35.97 ug/ml m



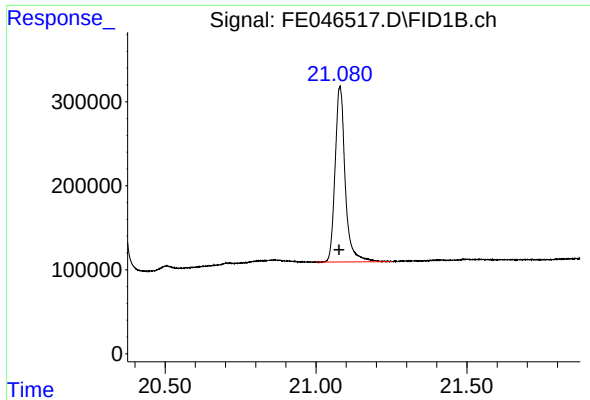
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: 0.003 min
Response: 4895341
Conc: 34.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: 0.002 min
Response: 4611036
Conc: 33.45 ug/ml



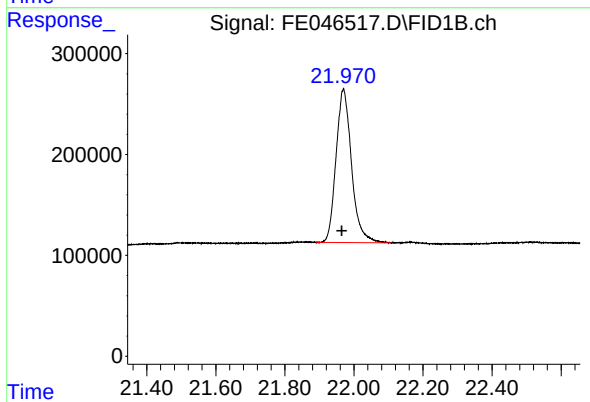
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: 0.003 min
Response: 4861891
Conc: 37.93 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.005 min
Response: 4739819
Conc: 37.91 ug/ml