

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050422AL\
 Data File : FF010539.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2022 01:55
 Operator : AJ\MA
 Sample : N2659-03MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 22L097-CMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 05 03:19:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:18:42 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...	12.287	3113078	28.625 ug/ml
Spiked Amount 50.000		Recovery =	57.25%
Target Compounds			
1) T n-Nonane (C9)	2.713	2275124	19.226 ug/ml
2) T n-Decane (C10)	3.721	2828251	24.084 ug/ml
4) T n-Dodecane (C12)	5.707	3337989	27.796 ug/ml
6) T n-Tetradecane (C14)	7.497	3745146	31.035 ug/ml
7) T n-Hexadecane (C16)	9.096	4295231	34.913 ug/ml
8) T n-Octadecane (C18)	10.536	4688231	37.359 ug/ml
10) T n-Eicosane (C20)	11.845	4605877	36.718 ug/ml
11) T n-Heneicosane (C21)	12.456	4597825	36.525 ug/ml
13) T n-Docosane (C22)	13.041	4559349	36.449 ug/ml
14) T n-Tetracosane (C24)	14.144	4468127	36.296 ug/ml
15) T n-Hexacosane (C26)	15.163	4406297	37.033 ug/ml
16) T n-Octacosane (C28)	16.112	4208014	36.869 ug/ml
17) T n-Tricontane (C30)	16.997	4009455	36.769 ug/ml
18) T n-Dotriacontane (C32)	17.828	3810899	37.194 ug/ml
19) T n-Tetratriacontane (C34)	18.609	3432232	37.191 ug/ml
20) T n-Hexatriacontane (C36)	19.346	3104987	37.211 ug/ml
21) T n-Octatriacontane (C38)	20.067	2977843	40.003 ug/mlm
22) T n-Tetracontane (C40)	20.938	2912182	38.957 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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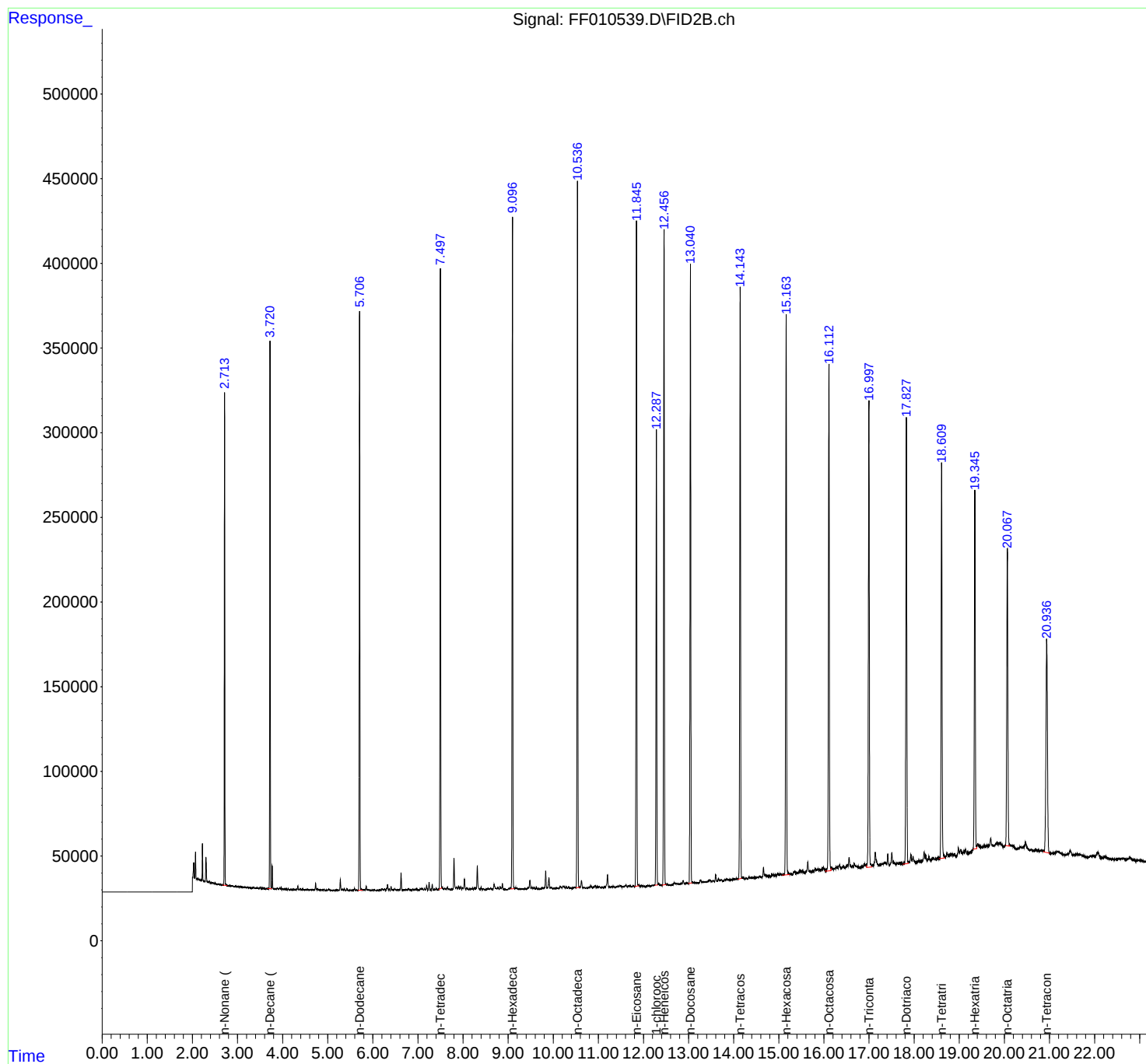
Instrument :
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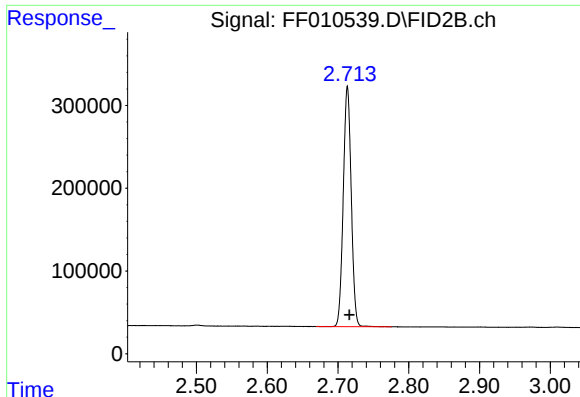
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.713 min
Delta R.T.: -0.003 min
Response: 2275124
Conc: 19.23 ug/ml

Instrument :

FID_F

ClientSampleId :

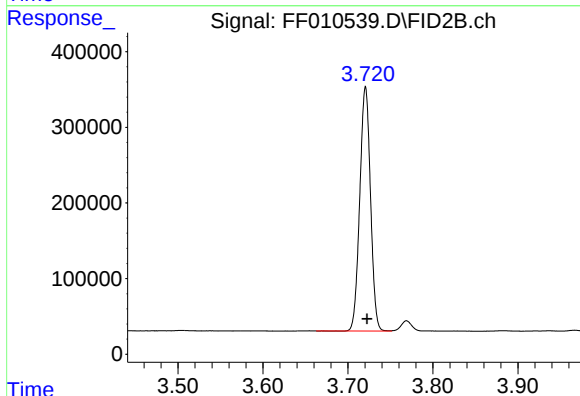
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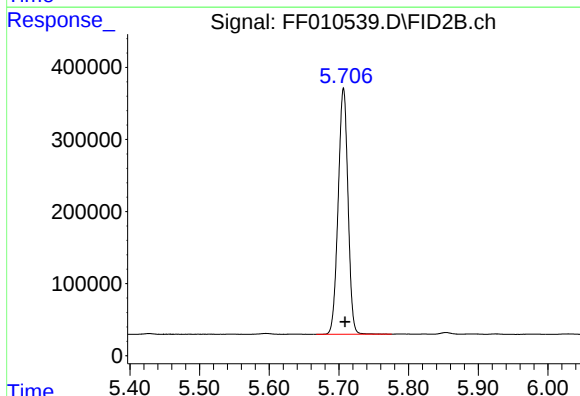
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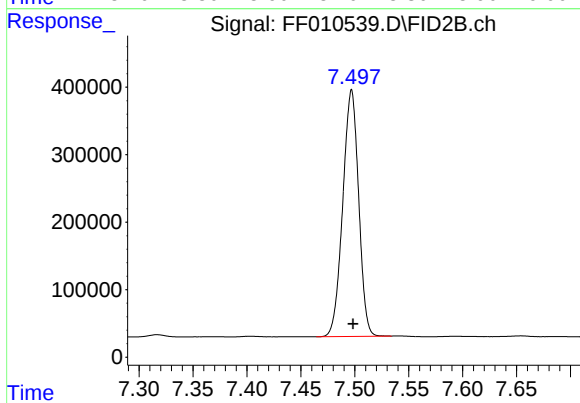
#2 n-Decane (C10)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2828251
Conc: 24.08 ug/ml



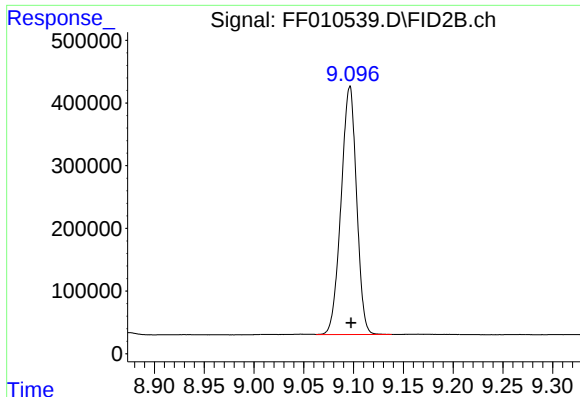
#4 n-Dodecane (C12)

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 3337989
Conc: 27.80 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 3745146
Conc: 31.04 ug/ml



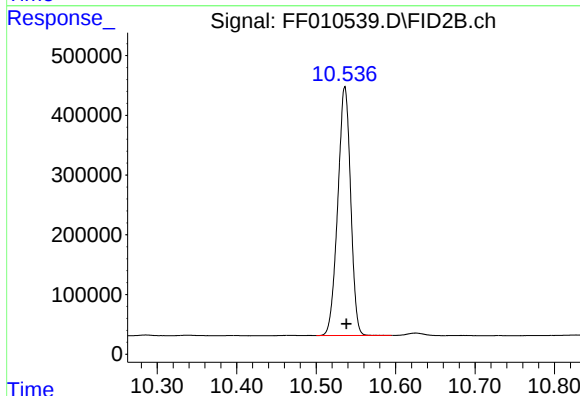
#7 n-Hexadecane (C16)

R.T.: 9.096 min
Delta R.T.: -0.001 min
Response: 4295231
Conc: 34.91 ug/ml

Instrument :
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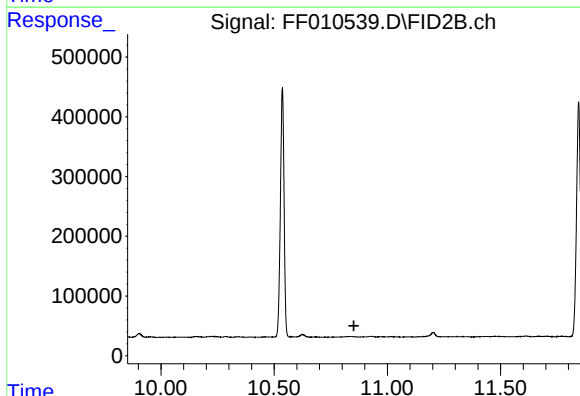
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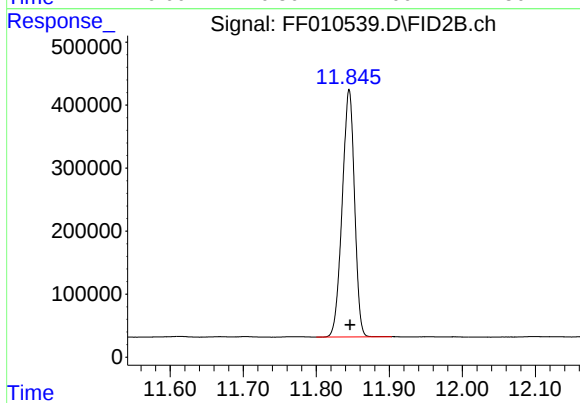
#8 n-Octadecane (C18)

R.T.: 10.536 min
Delta R.T.: -0.002 min
Response: 4688231
Conc: 37.36 ug/ml



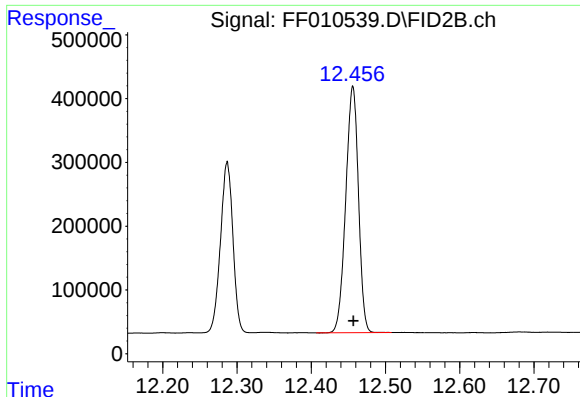
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.852 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: -0.001 min
Response: 4605877
Conc: 36.72 ug/ml



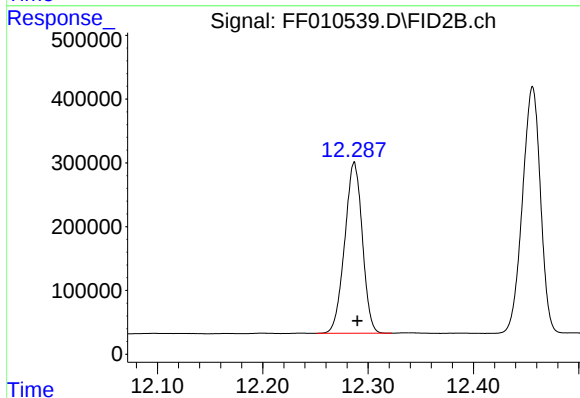
#11 n-Heneicosane (C21)

R.T.: 12.456 min
Delta R.T.: 0.000 min
Response: 4597825
Conc: 36.53 ug/ml

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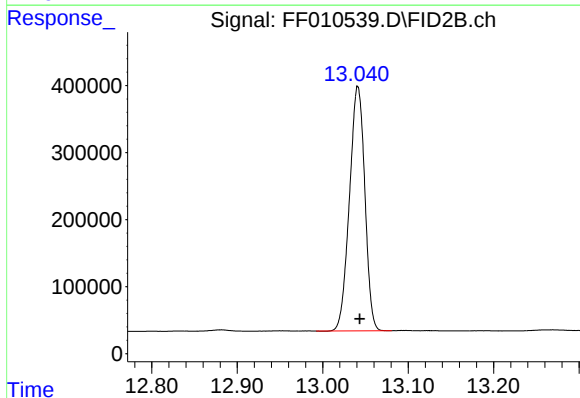
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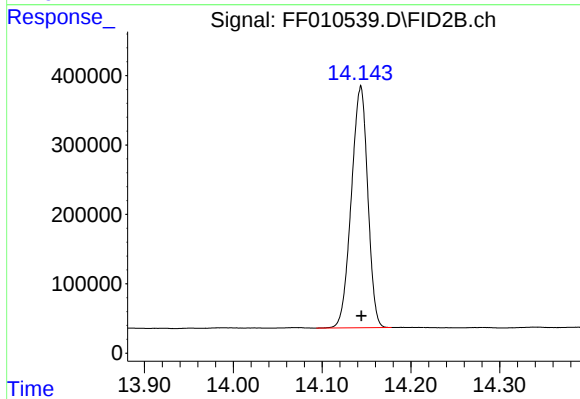
#12 1-chlorooctadecane (SURR)

R.T.: 12.287 min
Delta R.T.: -0.003 min
Response: 3113078
Conc: 28.63 ug/ml



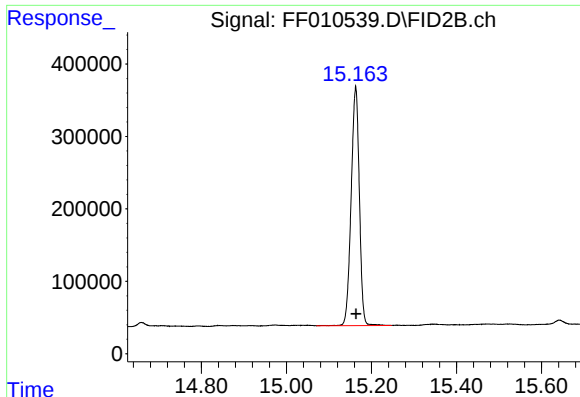
#13 n-Docosane (C22)

R.T.: 13.041 min
Delta R.T.: -0.002 min
Response: 4559349
Conc: 36.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 4468127
Conc: 36.30 ug/ml



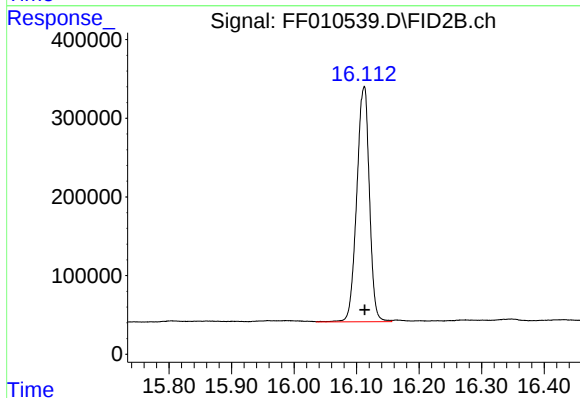
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 4406297
Conc: 37.03 ug/ml

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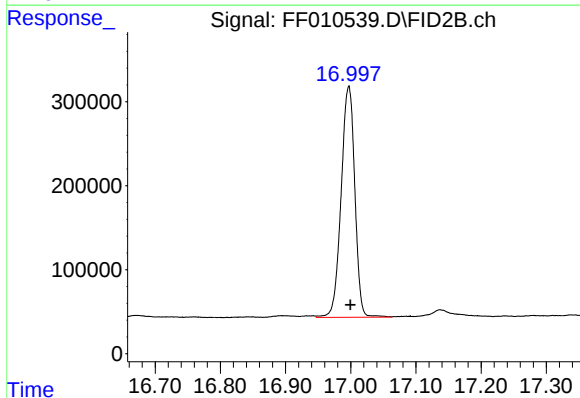
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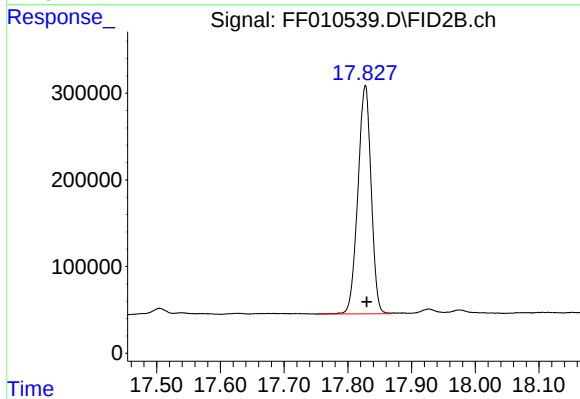
#16 n-Octacosane (C28)

R.T.: 16.112 min
Delta R.T.: -0.001 min
Response: 4208014
Conc: 36.87 ug/ml



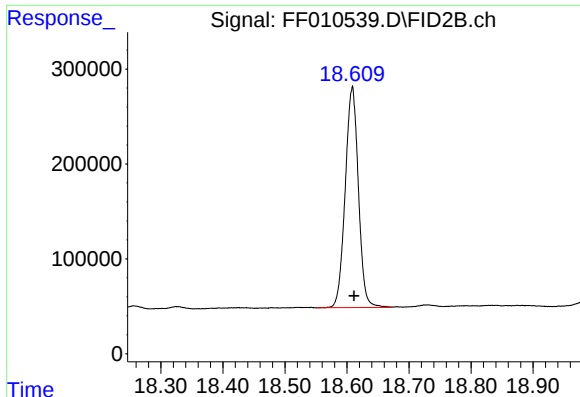
#17 n-Tricontane (C30)

R.T.: 16.997 min
Delta R.T.: -0.003 min
Response: 4009455
Conc: 36.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.828 min
Delta R.T.: -0.002 min
Response: 3810899
Conc: 37.19 ug/ml



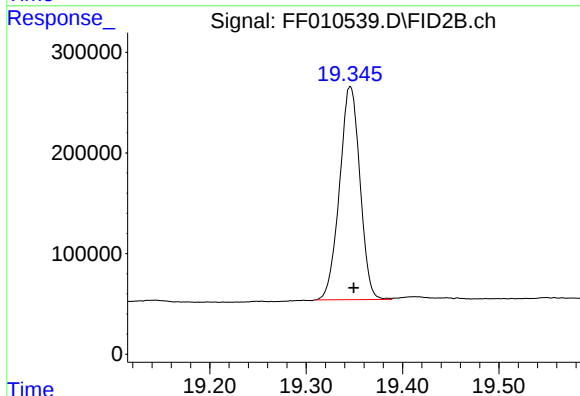
#19 n-Tetratriacontane (C34)

R.T.: 18.609 min
Delta R.T.: -0.003 min
Response: 3432232
Conc: 37.19 ug/ml

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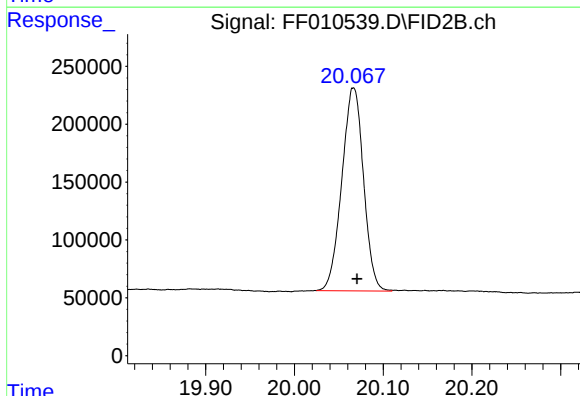
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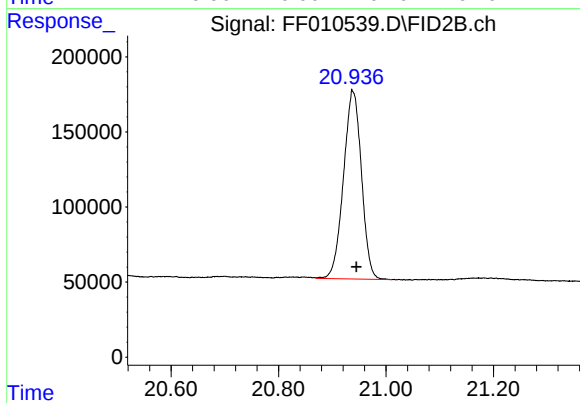
#20 n-Hexatriacontane (C36)

R.T.: 19.346 min
Delta R.T.: -0.004 min
Response: 3104987
Conc: 37.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.067 min
Delta R.T.: -0.004 min
Response: 2977843
Conc: 40.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.938 min
Delta R.T.: -0.007 min
Response: 2912182
Conc: 38.96 ug/ml