

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082923AL\
 Data File : FF013440.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2023 16:39
 Operator : YP\AJ
 Sample : PB155176BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB155176BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :Ankita Jodhani 08/30/2023

Integration File: autoint1.e
 Quant Time: Aug 29 23:12:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.897	6291157	45.789 ug/ml
Spiked Amount 50.000		Recovery =	91.58%
12) S 1-chlorooctadecane (S...	13.335	4983487	47.555 ug/ml
Spiked Amount 50.000		Recovery =	95.11%
Target Compounds			
1) T n-Nonane (C9)	3.286	4551949	42.601 ug/ml
2) T n-Decane (C10)	4.539	4938888	46.087 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6022133	50.868 ug/ml
4) T n-Dodecane (C12)	6.703	5612359	51.867 ug/ml
5) T A~2-methylnaphthalene...	7.333	6328155	53.387 ug/ml
6) T n-Tetradecane (C14)	8.531	6193016	57.372 ug/ml
7) T n-Hexadecane (C16)	10.138	6581893	60.719 ug/ml
8) T n-Octadecane (C18)	11.582	6779541	61.914 ug/ml
10) T n-Eicosane (C20)	12.892	6973044	63.546 ug/ml
11) T n-Heneicosane (C21)	13.503	6768496	61.607 ug/ml
13) T n-Docosane (C22)	14.090	6748496	61.468 ug/ml
14) T n-Tetracosane (C24)	15.193	4773046	43.444 ug/ml
15) T n-Hexacosane (C26)	16.217	6523276	59.687 ug/ml
16) T n-Octacosane (C28)	17.164	6456128	59.795 ug/ml
17) T n-Tricontane (C30)	18.054	6285344	57.474 ug/ml
18) T n-Dotriacontane (C32)	18.885	6043509	53.502 ug/ml
19) T n-Tetratriacontane (C34)	19.667	5679075	53.464 ug/ml
20) T n-Hexatriacontane (C36)	20.405	5321494	50.488 ug/mlm
21) T n-Octatriacontane (C38)	21.135	5359465	53.064 ug/ml
22) T n-Tetracontane (C40)	22.035	5603149	56.375 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB155176BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

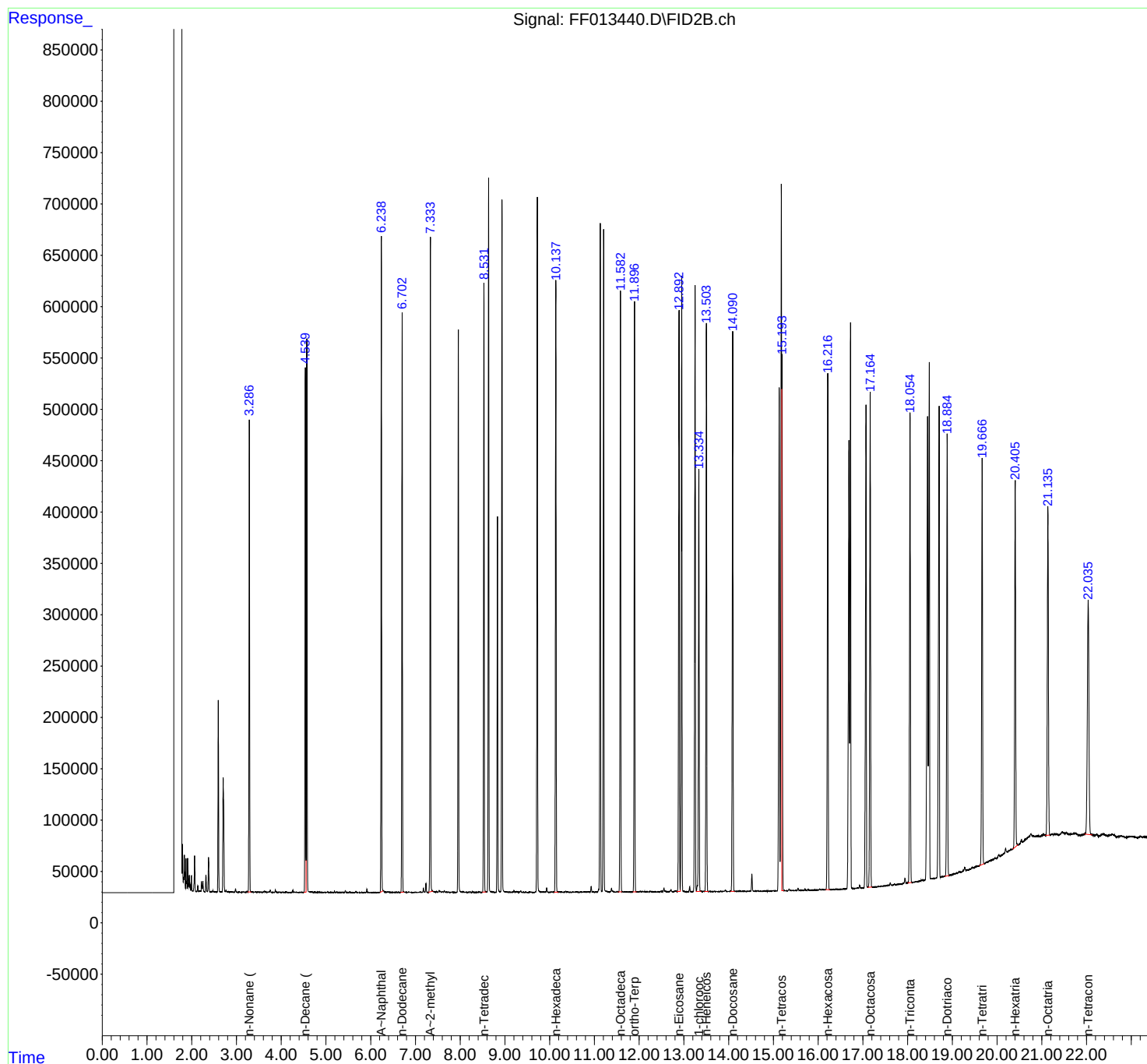
Instrument :
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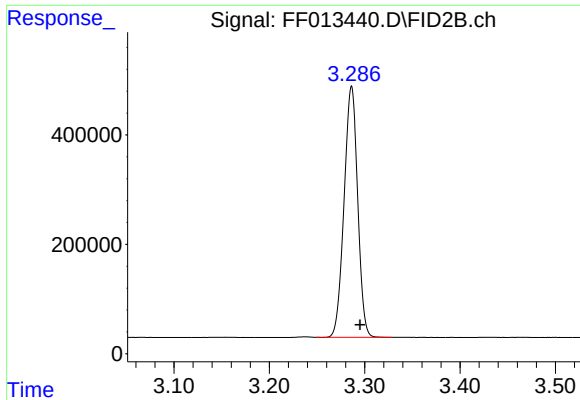
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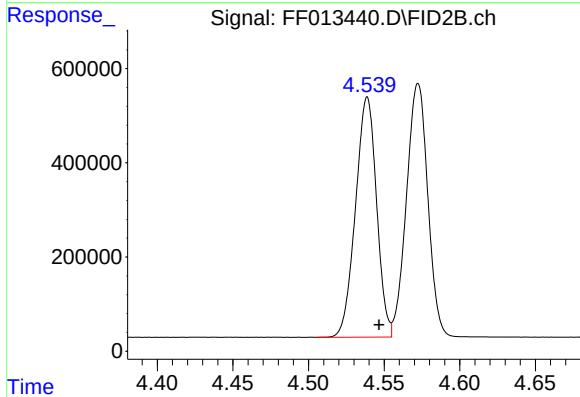
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 4551949
Conc: 42.60 ug/ml

Instrument :
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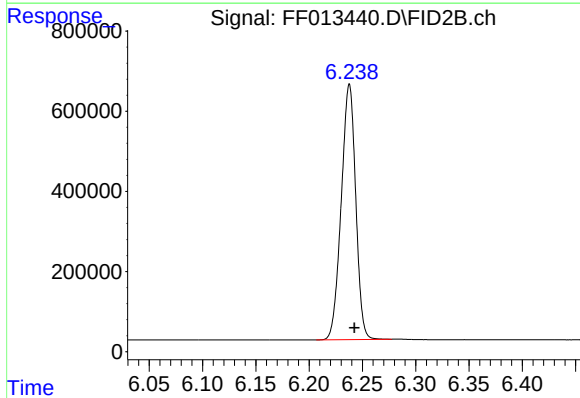
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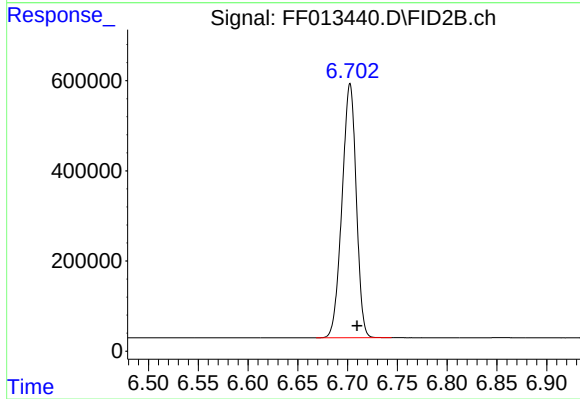
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 4938888
Conc: 46.09 ug/ml



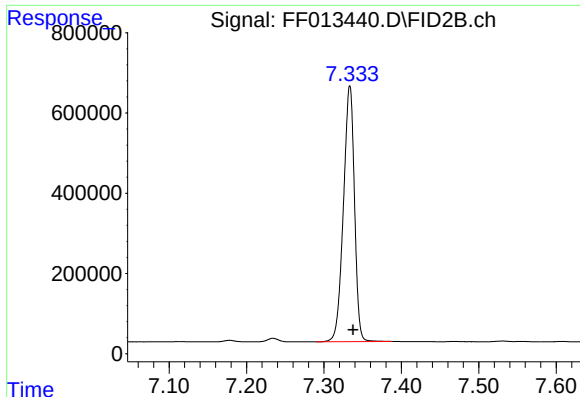
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 6022133
Conc: 50.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 5612359
Conc: 51.87 ug/ml



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

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 6328155
Conc: 53.39 ug/ml

Instrument :

FID_F

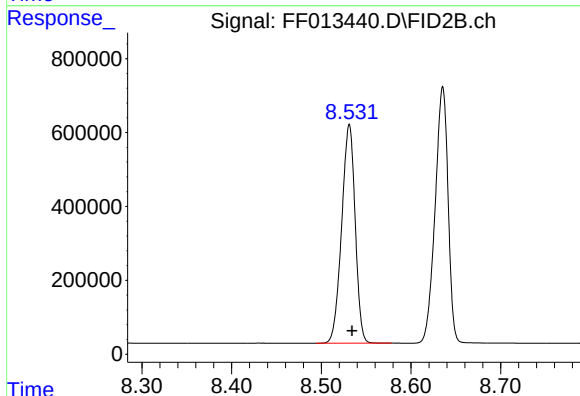
ClientSampleId :

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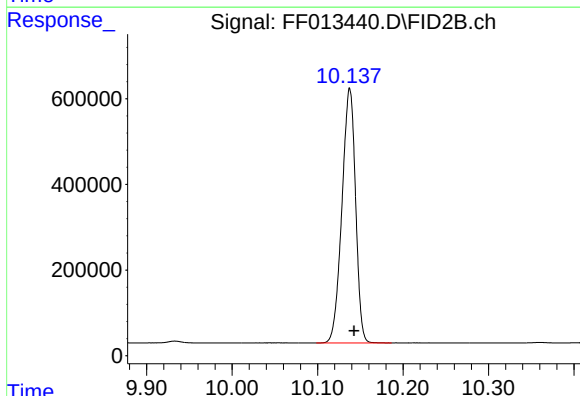
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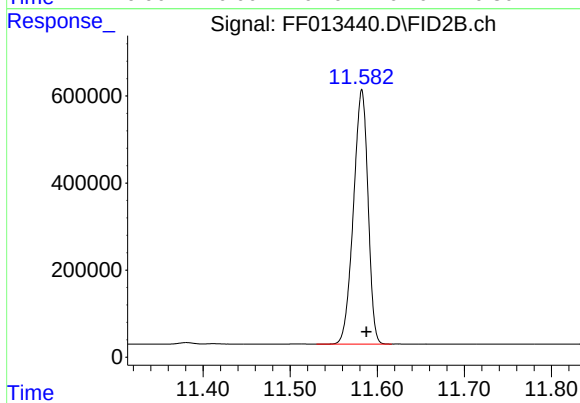
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.003 min
Response: 6193016
Conc: 57.37 ug/ml



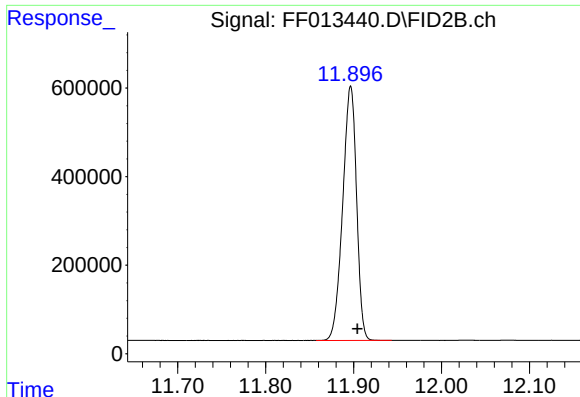
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.005 min
Response: 6581893
Conc: 60.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.005 min
Response: 6779541
Conc: 61.91 ug/ml



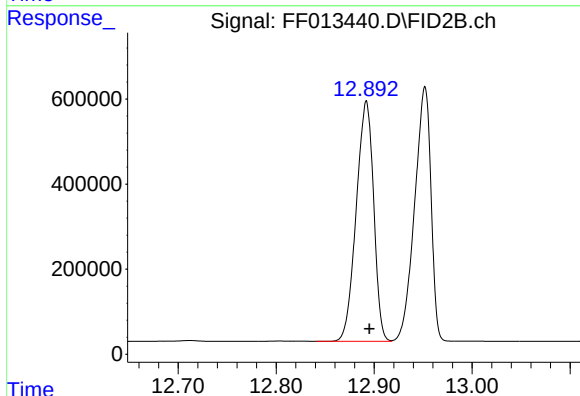
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: -0.008 min
Response: 6291157
Conc: 45.79 ug/ml

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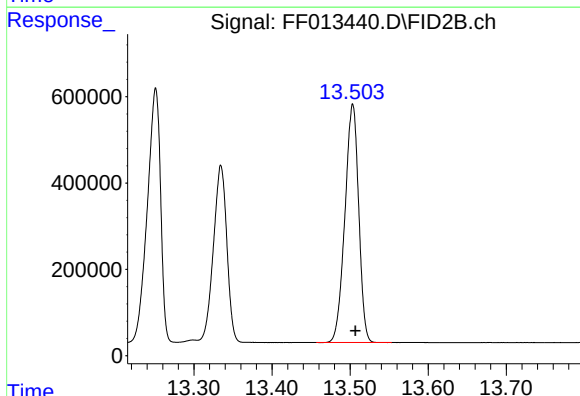
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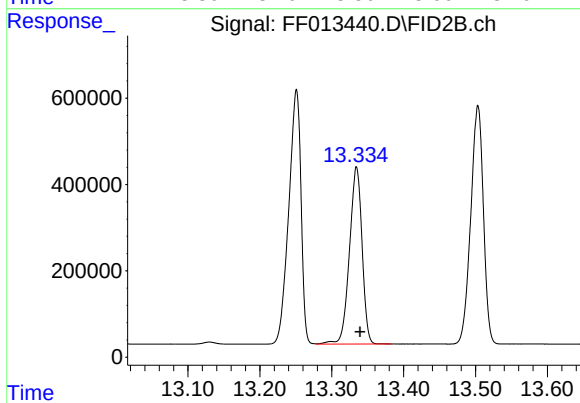
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.003 min
Response: 6973044
Conc: 63.55 ug/ml



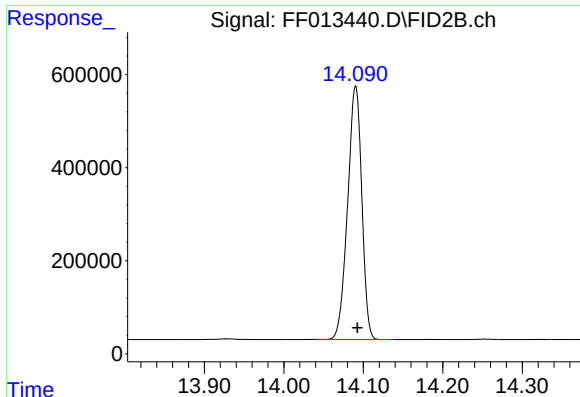
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.003 min
Response: 6768496
Conc: 61.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 4983487
Conc: 47.56 ug/ml



#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: -0.002 min
Response: 6748496
Conc: 61.47 ug/ml

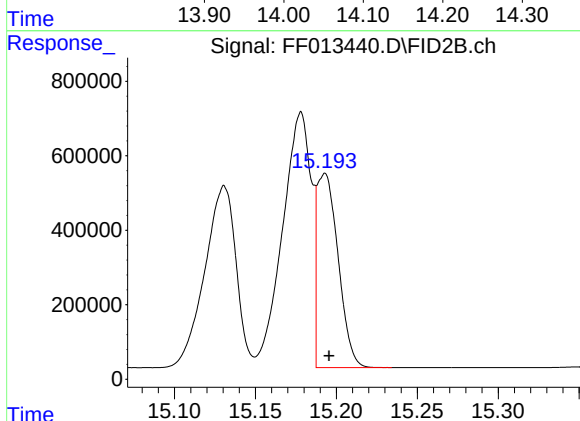
Instrument :

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ClientSampleId :
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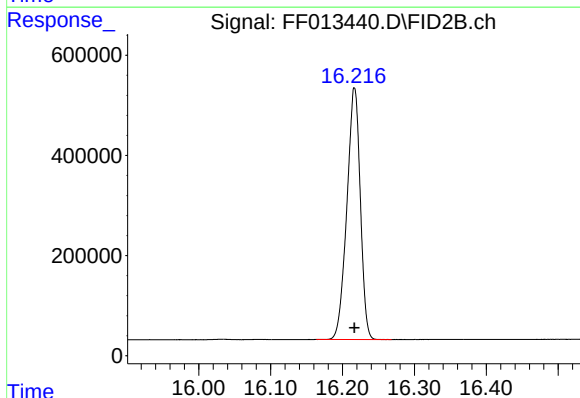
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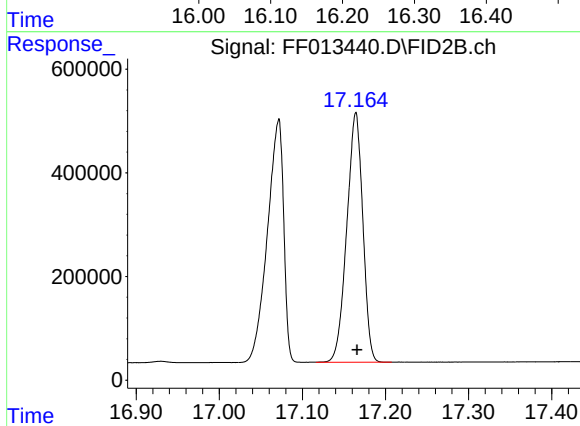
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.003 min
Response: 4773046
Conc: 43.44 ug/ml



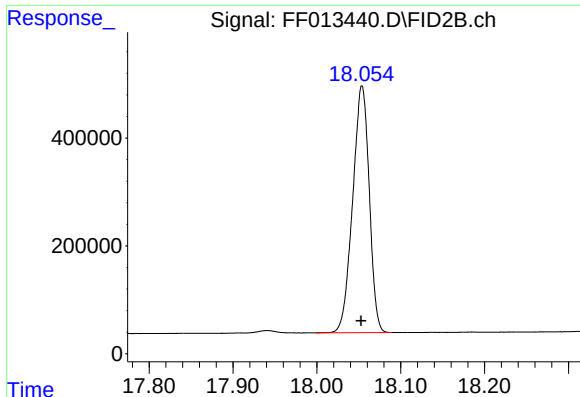
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.000 min
Response: 6523276
Conc: 59.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: -0.002 min
Response: 6456128
Conc: 59.79 ug/ml



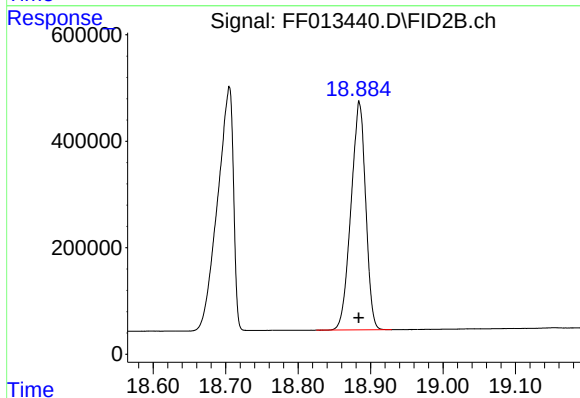
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 6285344
Conc: 57.47 ug/ml

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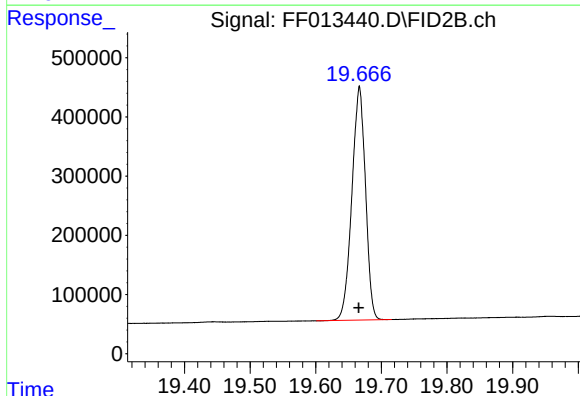
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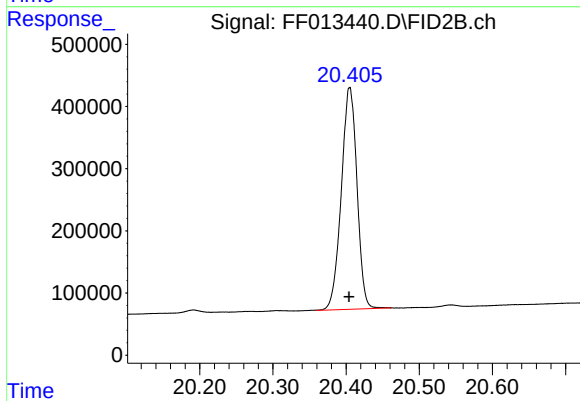
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: 0.000 min
Response: 6043509
Conc: 53.50 ug/ml



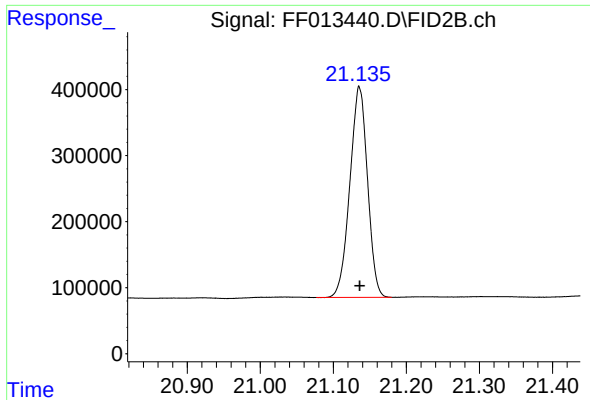
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.001 min
Response: 5679075
Conc: 53.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: 0.001 min
Response: 5321494
Conc: 50.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: 0.000 min
Response: 5359465
Conc: 53.06 ug/ml

Instrument :

FID_F

ClientSampleId :

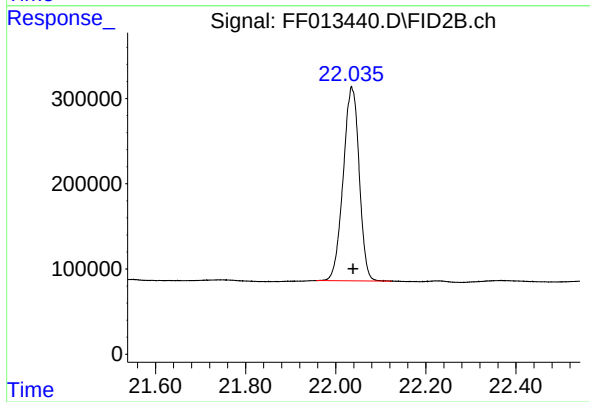
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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.003 min
Response: 5603149
Conc: 56.37 ug/ml